FOCUS on Accuracy

USGS_South_Dakota_LiDAR

LiDAR Accuracy Assessment

Powered by Quantum Spatial

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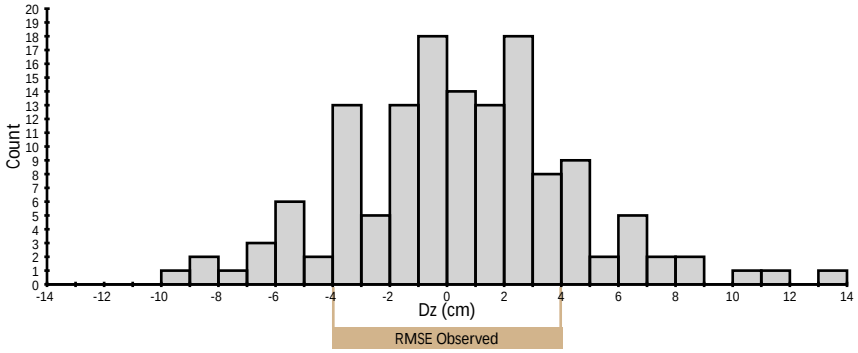
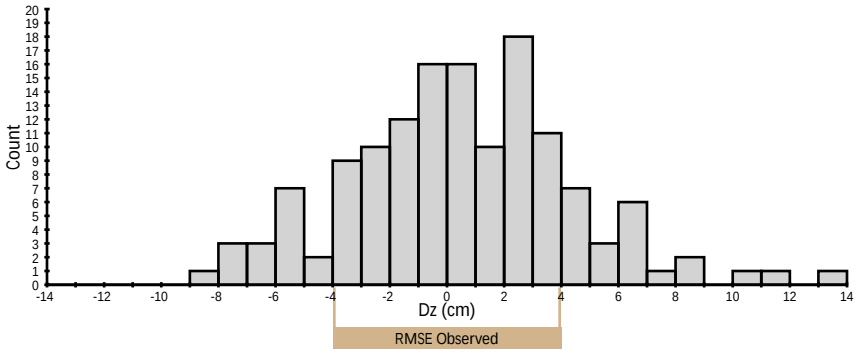
Project Summary

Nonvegetated Vertical Accuracy Swath



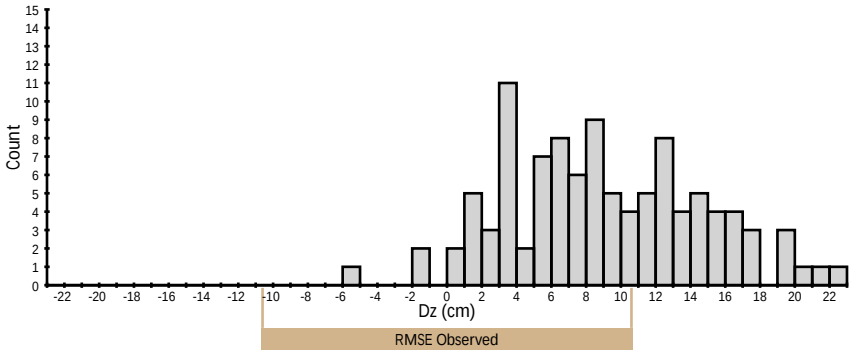
	Observed	Required
RMSE	4.03 cm	10.00 cm
95% Confidence Level	7.89 cm	19.60 cm
Mean	0.57 cm	N/A
Count	140	N/A

Nonvegetated Vertical Accuracy DEM



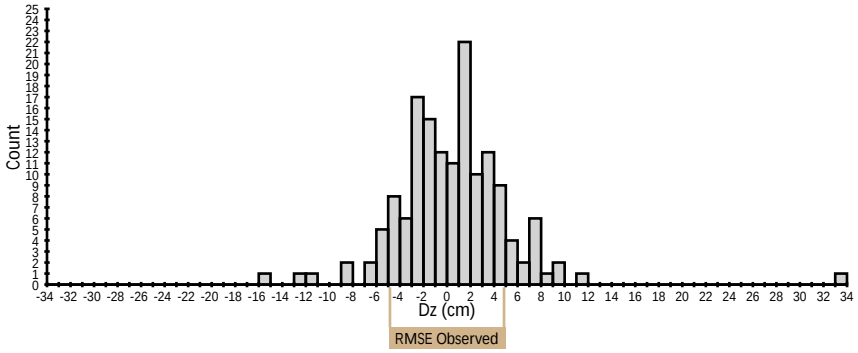
	Observed	Required
RMSE	3.99 cm	N/A
95% Confidence Level	7.82 cm	19.60 cm
Mean	0.54 cm	N/A
Count	140	N/A

Vegetated Vertical Accuracy



	Observed	Required
RMSE	10.68 cm	N/A
95th Percentile	18.95 cm	29.40 cm
Mean	9.08 cm	N/A
Count	104	N/A

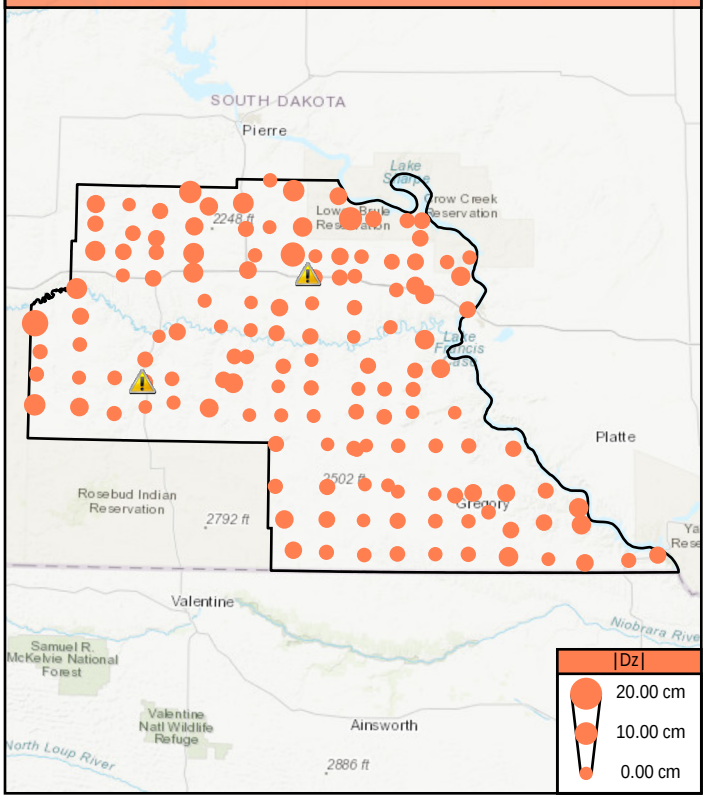
Calibration



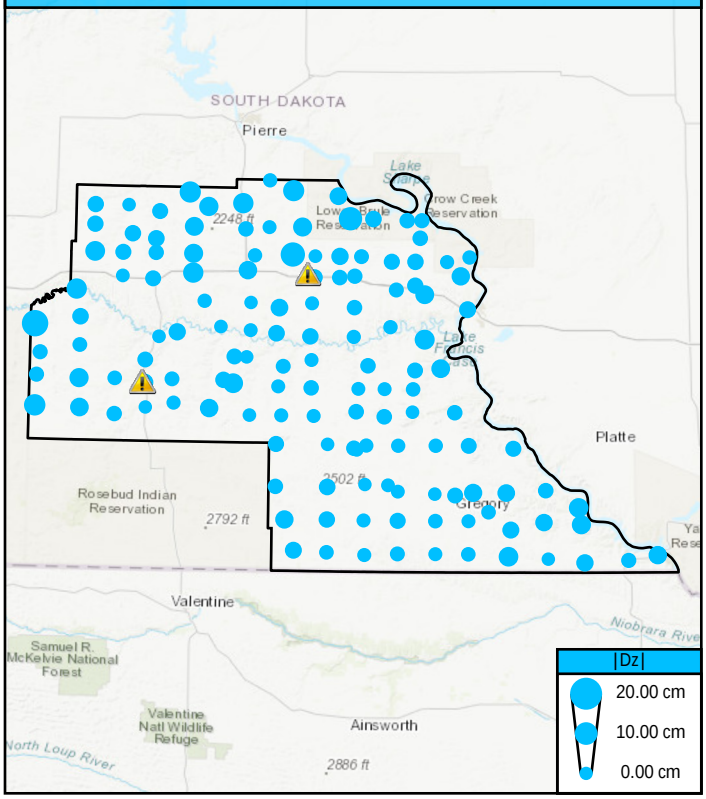
	Observed	Required
RMSE	4.96 cm	N/A
Mean	0.51 cm	N/A
Count	151	N/A

Control Point Locations

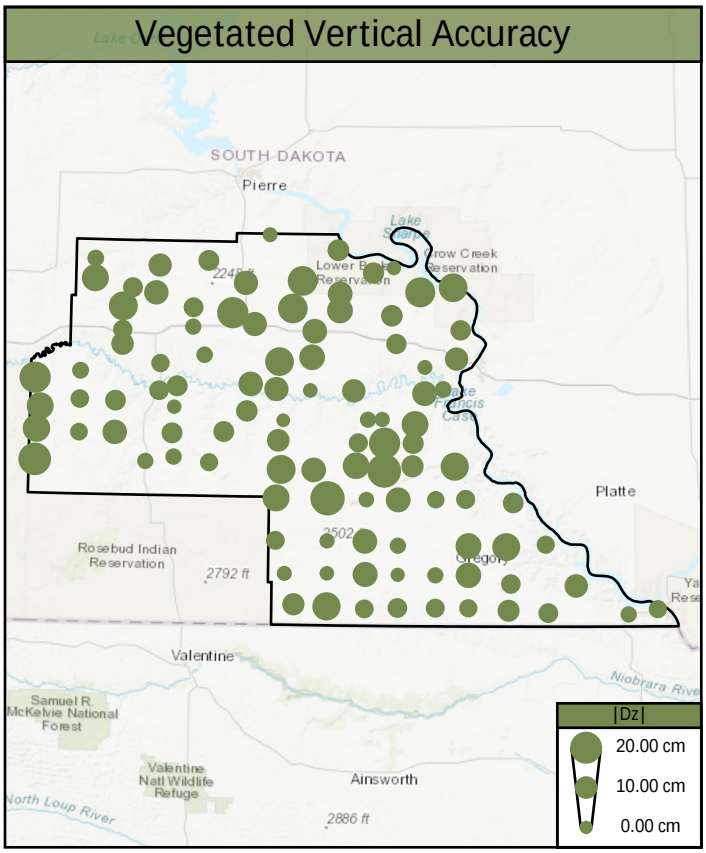
Nonvegetated Vertical Accuracy Swath



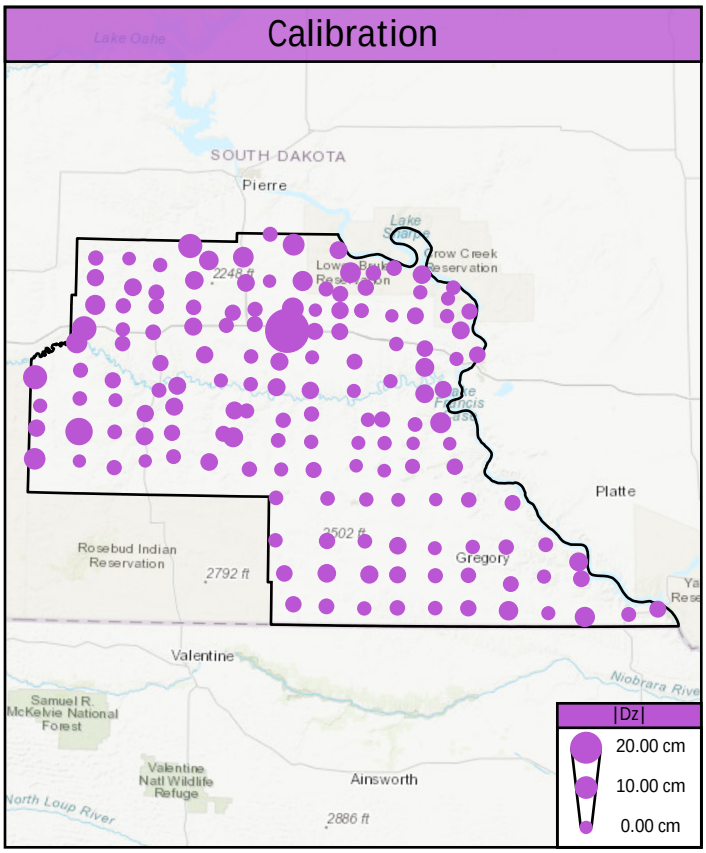
Nonvegetated Vertical Accuracy DEM



Vegetated Vertical Accuracy



Calibration



⚠ Point has been flagged as an Anomaly. See Anomaly Breakdown for exclusion details.

Control Point Breakdown

Point	Type	Raw TIN Dz	DEM Dz	Ground Density	Nearest Ground	Slope
BE001	NVA	-4.18 cm	-5.42 cm	4.70 ppsm	0.25 m	1.03°
BE002	NVA	-1.96 cm	-2.01 cm	4.70 ppsm	0.22 m	2.03°
BE003	NVA	0.53 cm	0.16 cm	5.48 ppsm	0.22 m	1.58°
BE004	NVA	6.70 cm	6.76 cm	5.73 ppsm	0.18 m	8.28°
BE005	NVA	2.16 cm	1.39 cm	5.38 ppsm	0.18 m	0.88°
BE006	NVA	-1.12 cm	-0.78 cm	5.98 ppsm	0.04 m	2.82°
BE007	NVA	2.52 cm	1.79 cm	5.98 ppsm	0.18 m	0.57°
BE008	NVA	1.40 cm	0.84 cm	5.16 ppsm	0.32 m	2.19°
BE009	NVA	-2.00 cm	-1.46 cm	4.85 ppsm	0.21 m	1.75°
BE010	NVA	-4.46 cm	-3.92 cm	4.60 ppsm	0.16 m	1.41°
BE011	NVA	-5.52 cm	-5.39 cm	5.06 ppsm	0.21 m	0.36°
BE012	NVA	-3.67 cm	-3.36 cm	5.20 ppsm	0.32 m	2.23°
BE013	NVA	-0.29 cm	-0.79 cm	5.09 ppsm	0.32 m	0.96°
BE014	NVA	-3.05 cm	-3.01 cm	5.23 ppsm	0.14 m	0.58°
BE015	NVA	-1.45 cm	-1.44 cm	5.98 ppsm	0.13 m	3.10°
BE016	NVA	1.11 cm	0.74 cm	5.87 ppsm	0.19 m	1.17°
BE017	NVA	3.59 cm	4.00 cm	5.45 ppsm	0.08 m	2.59°
BE018	NVA	-3.50 cm	-4.47 cm	6.54 ppsm	0.11 m	3.81°
BE019	NVA	6.52 cm	6.16 cm	6.58 ppsm	0.18 m	5.43°
BE020	NVA	2.03 cm	2.35 cm	6.72 ppsm	0.24 m	2.34°
BE021	NVA	-3.11 cm	-3.56 cm	4.67 ppsm	0.24 m	1.47°
BE022	NVA	-0.38 cm	-0.13 cm	4.81 ppsm	0.16 m	5.11°
BE023	NVA	0.59 cm	0.59 cm	5.55 ppsm	0.25 m	1.23°
BE024	NVA	0.15 cm	-0.27 cm	4.53 ppsm	0.05 m	3.41°
BE025	NVA	4.71 cm	5.25 cm	5.16 ppsm	0.20 m	0.56°
BE026	NVA	4.88 cm	4.68 cm	5.34 ppsm	0.25 m	2.90°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
BE027	NVA	2.89 cm	2.43 cm	4.95 ppsm	0.06 m	8.95°
BE028	NVA	6.69 cm	6.65 cm	4.88 ppsm	0.32 m	1.53°
BE029	NVA	2.99 cm	3.04 cm	6.30 ppsm	0.22 m	4.42°
BE030	NVA	0.25 cm	-0.28 cm	5.16 ppsm	0.27 m	2.78°
BE031	NVA	-0.32 cm	-1.05 cm	5.02 ppsm	0.07 m	2.51°
BE032	NVA	-1.19 cm	-1.06 cm	5.55 ppsm	0.10 m	1.67°
BE033	NVA	1.46 cm	1.20 cm	5.09 ppsm	0.19 m	3.67°
BE034	NVA	2.03 cm	2.81 cm	4.88 ppsm	0.14 m	2.89°
BE035	NVA	-3.13 cm	-2.97 cm	5.31 ppsm	0.13 m	1.39°
BE036	NVA	-0.21 cm	2.38 cm	6.08 ppsm	0.21 m	0.33°
BE037	NVA	0.39 cm	0.32 cm	5.76 ppsm	0.19 m	3.40°
BE038	NVA	2.50 cm	2.46 cm	6.05 ppsm	0.26 m	0.06°
BE039	NVA	2.50 cm	2.54 cm	5.06 ppsm	0.22 m	3.07°
BE040	NVA	0.72 cm	0.79 cm	5.48 ppsm	0.05 m	0.59°
BE041	NVA	0.80 cm	0.82 cm	5.73 ppsm	0.17 m	3.32°
BE042	NVA	-0.32 cm	-0.33 cm	5.27 ppsm	0.26 m	1.71°
BE043	NVA	-5.93 cm	-5.49 cm	4.92 ppsm	0.19 m	1.94°
BE044	NVA	0.84 cm	0.91 cm	5.16 ppsm	0.21 m	1.39°
BE045	NVA	0.29 cm	0.15 cm	5.31 ppsm	0.06 m	0.90°
BE046	NVA	-2.03 cm	-2.32 cm	4.63 ppsm	0.25 m	2.44°
BE047	NVA	5.70 cm	5.73 cm	5.48 ppsm	0.20 m	0.30°
BE048	NVA	8.75 cm	8.65 cm	4.88 ppsm	0.13 m	1.80°
BE049	NVA	1.93 cm	2.01 cm	4.67 ppsm	0.12 m	0.68°
BE050	NVA	-0.79 cm	-6.25 cm	4.85 ppsm	0.40 m	5.26°
BE051	NVA	-1.52 cm	-1.43 cm	5.23 ppsm	0.12 m	1.34°
BE052	NVA	-1.40 cm	-1.69 cm	4.31 ppsm	0.27 m	1.08°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
BE053	NVA	-3.55 cm	-3.39 cm	4.92 ppsm	0.21 m	0.84°
BE054	NVA	6.90 cm	6.91 cm	4.28 ppsm	0.21 m	4.97°
BE055	NVA	-0.28 cm	-0.77 cm	3.71 ppsm	0.26 m	1.45°
BE056	NVA	2.05 cm	2.38 cm	5.31 ppsm	0.07 m	2.06°
BE057	NVA	0.85 cm	0.66 cm	4.99 ppsm	0.16 m	5.02°
BE058	NVA	-1.55 cm	-0.75 cm	4.31 ppsm	0.18 m	2.95°
BE059	NVA	1.89 cm	1.36 cm	4.99 ppsm	0.11 m	2.41°
BE060	NVA	1.90 cm	1.97 cm	5.06 ppsm	0.23 m	0.69°
BE061	NVA	1.37 cm	1.61 cm	3.36 ppsm	0.29 m	2.11°
BE062	NVA	2.84 cm	2.73 cm	4.99 ppsm	0.24 m	3.52°
BE063	NVA	2.67 cm	2.85 cm	4.42 ppsm	0.22 m	1.44°
BE064	NVA	1.43 cm	0.29 cm	4.74 ppsm	0.23 m	2.41°
BE065	NVA	-2.25 cm	-1.75 cm	4.63 ppsm	0.19 m	4.61°
BE066	NVA	-0.63 cm	-0.74 cm	4.74 ppsm	0.25 m	0.86°
BE067	NVA	-3.05 cm	-2.40 cm	4.74 ppsm	0.19 m	6.44°
BE068	NVA	2.65 cm	2.85 cm	4.46 ppsm	0.27 m	0.97°
BE069	NVA	-5.80 cm	-5.81 cm	5.31 ppsm	0.14 m	6.49°
BE070	NVA	13.95 cm	13.99 cm	6.08 ppsm	0.26 m	1.31°
BE071	NVA	3.99 cm	3.52 cm	5.23 ppsm	0.22 m	3.72°
BE072	NVA	-0.06 cm	0.39 cm	4.49 ppsm	0.35 m	3.08°
BE073	NVA	4.18 cm	4.24 cm	4.49 ppsm	0.24 m	1.90°
BE074	NVA	0.77 cm	0.69 cm	4.14 ppsm	0.34 m	1.85°
BE075	NVA	3.03 cm	3.62 cm	4.21 ppsm	0.32 m	3.53°
BE076	NVA	-3.20 cm	-3.39 cm	4.95 ppsm	0.29 m	3.60°
BE077	NVA	-0.32 cm	-1.01 cm	4.81 ppsm	0.21 m	0.81°
BE078	NVA	-6.71 cm	-7.12 cm	4.63 ppsm	0.20 m	5.61°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
BE079	NVA	-8.17 cm	-7.52 cm	5.27 ppsm	0.06 m	2.59°
BE080	NVA	-1.35 cm	-4.48 cm	4.60 ppsm	0.25 m	4.29°
BE081	NVA	-0.80 cm	-1.10 cm	5.91 ppsm	0.19 m	2.15°
BE082	NVA	-0.16 cm	-0.18 cm	5.20 ppsm	0.22 m	1.39°
BE083	NVA	4.58 cm	4.71 cm	4.39 ppsm	0.24 m	2.12°
BE084	NVA	-0.81 cm	-0.77 cm	5.06 ppsm	0.23 m	1.59°
BE085	NVA	-2.28 cm	-2.37 cm	5.06 ppsm	0.08 m	2.12°
BE086	NVA	-1.37 cm	-1.85 cm	4.63 ppsm	0.22 m	3.16°
BE087	NVA	-6.03 cm	-5.92 cm	4.67 ppsm	0.13 m	0.91°
BE088	NVA	-0.64 cm	-0.49 cm	4.14 ppsm	0.24 m	7.01°
BE089	NVA	-7.23 cm	-7.46 cm	5.23 ppsm	0.18 m	0.34°
BE090	NVA	2.96 cm	3.06 cm	4.46 ppsm	0.21 m	3.32°
BE091	NVA	2.87 cm	2.42 cm	4.49 ppsm	0.22 m	2.00°
BE092	NVA	-2.49 cm	-3.40 cm	4.42 ppsm	0.08 m	3.81°
BE093	NVA	-2.14 cm	-2.22 cm	4.70 ppsm	0.03 m	1.66°
BE094	NVA	-3.45 cm	-2.99 cm	4.24 ppsm	0.24 m	0.80°
BE095	NVA	-8.02 cm	-6.14 cm	4.46 ppsm	0.21 m	9.49°
BE096	NVA	-1.19 cm	-1.09 cm	4.24 ppsm	0.16 m	1.34°
BE097	NVA	11.73 cm	11.75 cm	3.68 ppsm	0.24 m	0.69°
BE098	NVA	-0.54 cm	-0.44 cm	4.63 ppsm	0.15 m	1.01°
BE099	NVA	4.36 cm	4.34 cm	4.39 ppsm	0.20 m	1.87°
BE100	NVA	1.31 cm	1.73 cm	4.92 ppsm	0.07 m	4.42°
BE101	NVA	2.68 cm	3.04 cm	4.03 ppsm	0.10 m	3.54°
BE102	NVA	3.88 cm	3.40 cm	4.81 ppsm	0.26 m	3.39°
BE103	NVA	3.17 cm	3.29 cm	5.31 ppsm	0.28 m	1.28°
BE104	NVA	-3.65 cm	-3.61 cm	5.20 ppsm	0.04 m	2.47°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
BE105	NVA	-5.34 cm	-5.99 cm	7.25 ppsm	0.30 m	4.08°
BE106	NVA	2.90 cm	2.31 cm	5.48 ppsm	0.21 m	1.20°
BE107	NVA	0.60 cm	0.75 cm	4.85 ppsm	0.31 m	0.73°
BE108	NVA	6.63 cm	6.12 cm	4.95 ppsm	0.14 m	4.04°
BE109	NVA	3.60 cm	2.45 cm	4.85 ppsm	0.05 m	2.92°
BE110	NVA	-5.21 cm	3.28 cm	4.42 ppsm	0.14 m	4.15°
BE111	NVA	0.14 cm	0.27 cm	4.74 ppsm	0.25 m	3.48°
BE112	NVA	-3.05 cm	-2.93 cm	4.67 ppsm	0.10 m	3.11°
BE118	NVA	7.96 cm	7.51 cm	4.60 ppsm	0.05 m	2.87°
BE119	NVA	-1.15 cm	-1.09 cm	4.92 ppsm	0.11 m	0.98°
BE120	NVA	8.75 cm	8.34 cm	4.28 ppsm	0.11 m	1.12°
BE121	NVA	4.86 cm	4.79 cm	4.35 ppsm	0.30 m	3.62°
BE122	NVA	10.56 cm	10.72 cm	4.95 ppsm	0.10 m	2.36°
BE123	NVA	3.57 cm	3.56 cm	4.35 ppsm	0.30 m	4.61°
BE124	NVA	1.10 cm	1.17 cm	4.31 ppsm	0.23 m	0.39°
BE125	NVA	-6.36 cm	-5.43 cm	5.02 ppsm	0.14 m	2.52°
BE126	NVA	-9.72 cm	-8.47 cm	4.21 ppsm	0.29 m	4.38°
BE127	NVA	-5.54 cm	-6.38 cm	3.86 ppsm	0.21 m	1.95°
BE128	NVA	-0.70 cm	-0.34 cm	4.53 ppsm	0.13 m	1.56°
BE129	NVA	0.92 cm	1.08 cm	4.46 ppsm	0.11 m	2.11°
BE130	NVA	7.27 cm	6.90 cm	6.01 ppsm	0.17 m	1.92°
BE131	NVA	1.20 cm	0.92 cm	4.53 ppsm	0.06 m	1.75°
UA001	NVA	4.58 cm	4.35 cm	6.26 ppsm	0.07 m	0.67°
UA002	NVA	4.11 cm	4.60 cm	5.38 ppsm	0.12 m	1.51°
UA003	NVA	-3.49 cm	-2.85 cm	5.27 ppsm	0.20 m	2.05°
UA004	NVA	3.67 cm	2.00 cm	3.78 ppsm	0.17 m	1.88°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
UA006	NVA	1.83 cm	2.37 cm	5.20 ppsm	0.17 m	1.94°
UA007	NVA	-3.76 cm	-3.89 cm	4.88 ppsm	0.30 m	1.38°
UA008	NVA	2.90 cm	2.81 cm	5.13 ppsm	0.25 m	1.28°
UA009	NVA	-1.48 cm	-2.17 cm	4.00 ppsm	0.19 m	2.31°
UA010	NVA	5.09 cm	3.21 cm	5.27 ppsm	0.25 m	0.54°
UA011	NVA	1.40 cm	1.42 cm	4.49 ppsm	0.41 m	1.52°
UA012	NVA	-0.47 cm	-0.55 cm	4.70 ppsm	0.07 m	0.70°
UA013	NVA	4.74 cm	5.54 cm	4.21 ppsm	0.28 m	1.48°
UA014	NVA	2.14 cm	2.42 cm	4.88 ppsm	0.29 m	0.45°
UA016	NVA	-0.64 cm	-0.24 cm	7.00 ppsm	0.03 m	3.21°
FO001	VVA	N/A	7.90 cm	2.76 ppsm	0.06 m	19.32°
FO002	VVA	N/A	10.87 cm	4.70 ppsm	0.26 m	9.78°
TW001	VVA	N/A	-5.19 cm	4.60 ppsm	0.25 m	4.29°
TW002	VVA	N/A	3.27 cm	4.74 ppsm	0.20 m	1.12°
TW003	VVA	N/A	6.97 cm	5.16 ppsm	0.17 m	3.08°
TW004	VVA	N/A	9.32 cm	5.59 ppsm	0.16 m	4.34°
TW005	VVA	N/A	5.30 cm	5.59 ppsm	0.20 m	2.12°
TW006	VVA	N/A	6.04 cm	6.22 ppsm	0.11 m	3.91°
TW007	VVA	N/A	6.84 cm	5.91 ppsm	0.18 m	7.92°
TW008	VVA	N/A	5.89 cm	4.63 ppsm	0.09 m	2.06°
TW009	VVA	N/A	16.00 cm	4.95 ppsm	0.18 m	11.02°
TW010	VVA	N/A	9.52 cm	4.99 ppsm	0.20 m	4.02°
TW011	VVA	N/A	1.86 cm	5.20 ppsm	0.08 m	3.25°
TW012	VVA	N/A	-1.36 cm	5.16 ppsm	0.07 m	2.40°
TW013	VVA	N/A	12.58 cm	5.69 ppsm	0.11 m	12.77°
TW014	VVA	N/A	0.95 cm	5.62 ppsm	0.13 m	7.62°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
TW015	VVA	N/A	3.14 cm	5.31 ppsm	0.08 m	5.44°
TW016	VVA	N/A	13.05 cm	5.52 ppsm	0.09 m	4.63°
TW017	VVA	N/A	6.71 cm	5.52 ppsm	0.20 m	2.25°
TW018	VVA	N/A	5.89 cm	6.22 ppsm	0.21 m	9.74°
TW019	VVA	N/A	2.07 cm	4.85 ppsm	0.27 m	1.59°
TW020	VVA	N/A	12.24 cm	4.53 ppsm	0.18 m	10.12°
TW021	VVA	N/A	3.19 cm	5.52 ppsm	0.24 m	0.19°
TW022	VVA	N/A	13.43 cm	5.02 ppsm	0.18 m	2.68°
TW023	VVA	N/A	15.60 cm	5.41 ppsm	0.19 m	9.23°
TW024	VVA	N/A	5.26 cm	4.95 ppsm	0.03 m	6.37°
TW025	VVA	N/A	14.62 cm	5.80 ppsm	0.12 m	5.59°
TW026	VVA	N/A	22.44 cm	2.55 ppsm	0.18 m	6.31°
TW027	VVA	N/A	2.47 cm	5.02 ppsm	0.22 m	3.96°
TW028	VVA	N/A	12.40 cm	5.41 ppsm	0.36 m	1.65°
TW029	VVA	N/A	4.46 cm	5.23 ppsm	0.10 m	8.08°
TW030	VVA	N/A	6.16 cm	4.77 ppsm	0.12 m	2.33°
TW031	VVA	N/A	15.93 cm	5.52 ppsm	0.09 m	3.81°
TW032	VVA	N/A	9.57 cm	6.40 ppsm	0.25 m	1.97°
TW033	VVA	N/A	21.85 cm	4.53 ppsm	0.10 m	1.53°
TW034	VVA	N/A	14.23 cm	5.41 ppsm	0.21 m	2.47°
TW035	VVA	N/A	12.22 cm	5.38 ppsm	0.23 m	3.14°
TW036	VVA	N/A	16.71 cm	5.62 ppsm	0.18 m	9.03°
TW037	VVA	N/A	5.13 cm	5.48 ppsm	0.26 m	3.42°
TW038	VVA	N/A	3.37 cm	5.06 ppsm	0.22 m	1.87°
TW039	VVA	N/A	3.12 cm	5.59 ppsm	0.12 m	2.25°
TW040	VVA	N/A	20.66 cm	4.56 ppsm	0.05 m	5.14°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
TW041	VVA	N/A	15.08 cm	4.81 ppsm	0.14 m	4.41°
TW042	VVA	N/A	4.70 cm	4.81 ppsm	0.13 m	0.79°
TW043	VVA	N/A	11.97 cm	5.13 ppsm	0.24 m	6.80°
TW044	VVA	N/A	8.07 cm	4.31 ppsm	0.25 m	4.19°
TW045	VVA	N/A	8.10 cm	4.63 ppsm	0.26 m	0.48°
TW046	VVA	N/A	11.70 cm	4.88 ppsm	0.06 m	1.40°
TW047	VVA	N/A	9.98 cm	4.07 ppsm	0.24 m	0.75°
TW048	VVA	N/A	6.31 cm	5.02 ppsm	0.05 m	7.62°
TW049	VVA	N/A	19.18 cm	4.42 ppsm	0.20 m	9.32°
TW050	VVA	N/A	8.31 cm	5.06 ppsm	0.24 m	1.78°
TW051	VVA	N/A	14.52 cm	5.13 ppsm	0.08 m	4.31°
TW052	VVA	N/A	5.68 cm	3.25 ppsm	0.17 m	6.60°
TW053	VVA	N/A	7.96 cm	4.81 ppsm	0.31 m	1.04°
TW054	VVA	N/A	1.27 cm	4.70 ppsm	0.26 m	4.33°
TW055	VVA	N/A	7.01 cm	4.49 ppsm	0.22 m	5.25°
TW056	VVA	N/A	8.70 cm	4.85 ppsm	0.17 m	4.28°
TW057	VVA	N/A	0.41 cm	4.63 ppsm	0.12 m	5.09°
TW058	VVA	N/A	3.08 cm	4.77 ppsm	0.13 m	1.45°
TW059	VVA	N/A	2.03 cm	5.31 ppsm	0.07 m	5.65°
TW060	VVA	N/A	14.51 cm	4.28 ppsm	0.15 m	6.19°
TW061	VVA	N/A	19.22 cm	4.35 ppsm	0.19 m	1.26°
TW062	VVA	N/A	3.85 cm	5.38 ppsm	0.31 m	7.38°
TW063	VVA	N/A	6.74 cm	4.53 ppsm	0.30 m	6.93°
TW064	VVA	N/A	8.07 cm	4.46 ppsm	0.08 m	1.56°
TW065	VVA	N/A	12.06 cm	4.74 ppsm	0.19 m	7.97°
TW066	VVA	N/A	-1.40 cm	4.81 ppsm	0.14 m	5.79°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
TW067	VVA	N/A	10.77 cm	4.56 ppsm	0.28 m	5.18°
TW068	VVA	N/A	12.33 cm	4.63 ppsm	0.08 m	4.90°
TW069	VVA	N/A	3.73 cm	4.17 ppsm	0.23 m	1.71°
TW070	VVA	N/A	9.83 cm	4.39 ppsm	0.13 m	7.53°
TW071	VVA	N/A	11.62 cm	4.88 ppsm	0.41 m	6.52°
TW072	VVA	N/A	3.50 cm	5.55 ppsm	0.25 m	4.33°
TW073	VVA	N/A	16.45 cm	4.46 ppsm	0.25 m	3.39°
TW074	VVA	N/A	13.28 cm	4.85 ppsm	0.03 m	2.27°
TW075	VVA	N/A	7.53 cm	4.53 ppsm	0.29 m	0.27°
TW076	VVA	N/A	10.70 cm	5.06 ppsm	0.23 m	10.54°
TW077	VVA	N/A	6.51 cm	4.28 ppsm	0.06 m	5.49°
TW078	VVA	N/A	3.13 cm	5.45 ppsm	0.19 m	3.24°
TW079	VVA	N/A	5.45 cm	5.02 ppsm	0.28 m	2.53°
TW080	VVA	N/A	12.18 cm	4.49 ppsm	0.23 m	4.55°
TW081	VVA	N/A	7.11 cm	4.35 ppsm	0.27 m	3.18°
TW082	VVA	N/A	16.71 cm	4.60 ppsm	0.18 m	7.41°
TW083	VVA	N/A	19.14 cm	4.56 ppsm	0.18 m	2.39°
TW084	VVA	N/A	17.49 cm	3.32 ppsm	0.20 m	5.64°
TW085	VVA	N/A	13.43 cm	4.35 ppsm	0.23 m	2.81°
TW086	VVA	N/A	8.90 cm	3.68 ppsm	0.29 m	5.13°
TW087	VVA	N/A	14.65 cm	4.95 ppsm	0.11 m	6.07°
TW088	VVA	N/A	11.90 cm	5.27 ppsm	0.29 m	3.84°
TW089	VVA	N/A	11.69 cm	5.66 ppsm	0.08 m	8.04°
TW090	VVA	N/A	17.60 cm	4.81 ppsm	0.23 m	3.65°
TW091	VVA	N/A	12.14 cm	4.46 ppsm	0.31 m	2.02°
TW092	VVA	N/A	17.83 cm	4.74 ppsm	0.09 m	4.65°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
TW093	VVA	N/A	3.71 cm	4.63 ppsm	0.21 m	7.36°
TW094	VVA	N/A	10.64 cm	4.63 ppsm	0.31 m	9.60°
TW095	VVA	N/A	1.78 cm	4.74 ppsm	0.28 m	0.89°
TW096	VVA	N/A	8.98 cm	4.46 ppsm	0.05 m	14.27°
TW097	VVA	N/A	8.42 cm	4.39 ppsm	0.09 m	9.42°
TW098	VVA	N/A	1.11 cm	3.04 ppsm	0.39 m	12.95°
TW099	VVA	N/A	16.45 cm	4.81 ppsm	0.13 m	4.19°
TW100	VVA	N/A	7.57 cm	4.92 ppsm	0.20 m	1.16°
TW101	VVA	N/A	8.09 cm	3.82 ppsm	0.21 m	4.51°
TW102	VVA	N/A	1.74 cm	4.56 ppsm	0.28 m	4.32°
CAL001	CAL	-3.89 cm	-3.79 cm	4.67 ppsm	0.28 m	4.78°
CAL002	CAL	-1.74 cm	-1.55 cm	4.63 ppsm	0.17 m	2.43°
CAL003	CAL	7.42 cm	7.55 cm	6.05 ppsm	0.20 m	1.58°
CAL004	CAL	-0.85 cm	-0.68 cm	5.27 ppsm	0.28 m	2.30°
CAL005	CAL	6.59 cm	6.48 cm	5.55 ppsm	0.28 m	7.21°
CAL006	CAL	3.30 cm	3.18 cm	5.38 ppsm	0.11 m	0.56°
CAL007	CAL	-1.33 cm	-1.21 cm	6.93 ppsm	0.14 m	2.41°
CAL008	CAL	-2.36 cm	-2.57 cm	5.98 ppsm	0.31 m	4.32°
CAL009	CAL	1.16 cm	1.18 cm	4.56 ppsm	0.25 m	4.91°
CAL010	CAL	-2.71 cm	-2.35 cm	4.74 ppsm	0.13 m	1.19°
CAL011	CAL	-3.28 cm	-3.07 cm	4.95 ppsm	0.22 m	0.83°
CAL012	CAL	-3.50 cm	-3.29 cm	5.45 ppsm	0.26 m	0.55°
CAL013	CAL	-5.69 cm	-5.97 cm	5.45 ppsm	0.17 m	3.60°
CAL014	CAL	-5.22 cm	-6.55 cm	5.41 ppsm	0.04 m	2.53°
CAL015	CAL	-4.03 cm	-3.81 cm	5.55 ppsm	0.17 m	1.34°
CAL016	CAL	1.97 cm	1.96 cm	6.37 ppsm	0.17 m	3.19°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
CAL017	CAL	2.31 cm	2.44 cm	5.27 ppsm	0.23 m	2.49°
CAL018	CAL	2.80 cm	2.85 cm	5.45 ppsm	0.12 m	2.96°
CAL019	CAL	-1.01 cm	-0.77 cm	6.37 ppsm	0.14 m	4.19°
CAL020	CAL	3.68 cm	3.63 cm	6.65 ppsm	0.27 m	7.11°
CAL021	CAL	-1.22 cm	-0.97 cm	6.37 ppsm	0.12 m	2.52°
CAL022	CAL	-3.26 cm	-3.40 cm	5.13 ppsm	0.03 m	1.80°
CAL023	CAL	1.44 cm	2.03 cm	4.63 ppsm	0.19 m	4.08°
CAL024	CAL	-4.51 cm	-4.33 cm	5.48 ppsm	0.03 m	0.58°
CAL025	CAL	-0.72 cm	-0.92 cm	4.49 ppsm	0.20 m	2.56°
CAL026	CAL	1.19 cm	1.55 cm	4.74 ppsm	0.16 m	2.89°
CAL027	CAL	2.29 cm	2.31 cm	5.31 ppsm	0.20 m	1.67°
CAL028	CAL	-1.61 cm	-1.60 cm	5.45 ppsm	0.18 m	5.13°
CAL029	CAL	6.00 cm	6.08 cm	4.92 ppsm	0.11 m	1.45°
CAL030	CAL	1.42 cm	1.41 cm	5.62 ppsm	0.12 m	2.46°
CAL031	CAL	1.44 cm	1.56 cm	5.52 ppsm	0.13 m	4.31°
CAL032	CAL	-1.15 cm	-1.18 cm	5.06 ppsm	0.26 m	1.83°
CAL033	CAL	0.58 cm	0.67 cm	5.38 ppsm	0.06 m	1.61°
CAL034	CAL	0.10 cm	0.09 cm	5.23 ppsm	0.19 m	0.36°
CAL035	CAL	2.27 cm	2.21 cm	4.92 ppsm	0.06 m	1.22°
CAL036	CAL	-2.80 cm	-2.71 cm	5.59 ppsm	0.20 m	1.72°
CAL037	CAL	3.39 cm	3.43 cm	6.15 ppsm	0.10 m	2.25°
CAL038	CAL	-1.79 cm	-1.84 cm	5.87 ppsm	0.18 m	2.83°
CAL039	CAL	0.38 cm	0.37 cm	4.77 ppsm	0.11 m	1.95°
CAL040	CAL	-0.26 cm	0.23 cm	5.09 ppsm	0.21 m	1.55°
CAL041	CAL	2.94 cm	2.79 cm	5.41 ppsm	0.20 m	0.27°
CAL042	CAL	-0.85 cm	-0.77 cm	5.66 ppsm	0.16 m	2.56°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
CAL043	CAL	-2.19 cm	-2.22 cm	5.23 ppsm	0.23 m	1.52°
CAL044	CAL	-4.67 cm	-4.61 cm	4.67 ppsm	0.11 m	2.00°
CAL045	CAL	1.71 cm	1.66 cm	5.13 ppsm	0.12 m	1.20°
CAL046	CAL	0.02 cm	-0.20 cm	5.66 ppsm	0.11 m	0.70°
CAL047	CAL	-2.09 cm	-2.08 cm	4.70 ppsm	0.24 m	4.07°
CAL048	CAL	-0.01 cm	-0.21 cm	5.48 ppsm	0.07 m	2.46°
CAL049	CAL	8.81 cm	8.76 cm	5.02 ppsm	0.21 m	2.30°
CAL050	CAL	4.38 cm	4.48 cm	4.49 ppsm	0.12 m	3.52°
CAL051	CAL	-15.06 cm	-14.81 cm	3.75 ppsm	0.14 m	1.56°
CAL052	CAL	1.56 cm	1.42 cm	5.13 ppsm	0.20 m	1.25°
CAL053	CAL	4.99 cm	4.88 cm	5.27 ppsm	0.15 m	0.79°
CAL054	CAL	-3.19 cm	-3.28 cm	4.31 ppsm	0.20 m	0.95°
CAL055	CAL	-2.92 cm	-3.12 cm	5.06 ppsm	0.08 m	1.57°
CAL056	CAL	7.18 cm	6.74 cm	4.28 ppsm	0.09 m	4.50°
CAL057	CAL	1.55 cm	1.53 cm	2.05 ppsm	0.49 m	0.73°
CAL058	CAL	1.10 cm	1.31 cm	5.23 ppsm	0.20 m	1.44°
CAL059	CAL	0.73 cm	0.78 cm	4.99 ppsm	0.28 m	3.56°
CAL060	CAL	-1.12 cm	-1.06 cm	4.49 ppsm	0.33 m	1.79°
CAL061	CAL	-0.12 cm	-0.06 cm	4.85 ppsm	0.18 m	2.11°
CAL062	CAL	-0.15 cm	-0.09 cm	5.69 ppsm	0.23 m	5.08°
CAL063	CAL	1.07 cm	0.80 cm	5.23 ppsm	0.21 m	1.43°
CAL064	CAL	1.40 cm	0.96 cm	3.36 ppsm	0.15 m	3.05°
CAL065	CAL	0.67 cm	1.29 cm	4.81 ppsm	0.08 m	2.75°
CAL066	CAL	4.28 cm	4.01 cm	4.95 ppsm	0.13 m	2.38°
CAL067	CAL	5.02 cm	5.81 cm	4.81 ppsm	0.05 m	8.71°
CAL068	CAL	4.94 cm	5.08 cm	4.35 ppsm	0.32 m	0.61°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
CAL069	CAL	-1.86 cm	-1.76 cm	4.88 ppsm	0.15 m	3.98°
CAL070	CAL	-2.14 cm	-2.18 cm	4.60 ppsm	0.21 m	3.60°
CAL071	CAL	-2.09 cm	-2.10 cm	4.60 ppsm	0.29 m	2.60°
CAL072	CAL	-1.15 cm	-1.40 cm	4.63 ppsm	0.21 m	6.58°
CAL073	CAL	-2.95 cm	-2.30 cm	6.26 ppsm	0.28 m	5.29°
CAL074	CAL	1.56 cm	1.68 cm	4.49 ppsm	0.27 m	3.93°
CAL075	CAL	-8.16 cm	-7.78 cm	5.48 ppsm	0.18 m	0.27°
CAL076	CAL	11.53 cm	11.32 cm	5.91 ppsm	0.28 m	1.84°
CAL077	CAL	1.89 cm	1.64 cm	5.34 ppsm	0.10 m	3.23°
CAL078	CAL	3.10 cm	3.03 cm	5.55 ppsm	0.12 m	1.67°
CAL079	CAL	1.75 cm	1.77 cm	4.49 ppsm	0.27 m	2.35°
CAL080	CAL	4.93 cm	5.00 cm	4.60 ppsm	0.35 m	2.77°
CAL081	CAL	1.27 cm	1.43 cm	4.42 ppsm	0.22 m	2.70°
CAL082	CAL	5.02 cm	4.80 cm	4.74 ppsm	0.28 m	2.01°
CAL083	CAL	-4.35 cm	-4.15 cm	4.81 ppsm	0.11 m	2.81°
CAL084	CAL	0.81 cm	0.83 cm	4.81 ppsm	0.22 m	0.72°
CAL085	CAL	0.96 cm	1.08 cm	4.46 ppsm	0.11 m	2.11°
CAL086	CAL	-5.84 cm	-6.15 cm	4.67 ppsm	0.16 m	4.54°
CAL087	CAL	-4.19 cm	-3.88 cm	4.03 ppsm	0.17 m	1.94°
CAL088	CAL	-8.59 cm	-8.81 cm	2.62 ppsm	0.43 m	2.64°
CAL089	CAL	-2.41 cm	-2.39 cm	4.81 ppsm	0.33 m	3.28°
CAL090	CAL	3.19 cm	3.21 cm	5.09 ppsm	0.15 m	2.54°
CAL091	CAL	-4.37 cm	-4.43 cm	5.59 ppsm	0.24 m	3.03°
CAL092	CAL	1.29 cm	1.30 cm	5.13 ppsm	0.09 m	1.29°
CAL093	CAL	5.11 cm	5.21 cm	4.35 ppsm	0.31 m	2.19°
CAL094	CAL	-0.71 cm	-0.70 cm	5.02 ppsm	0.09 m	1.18°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
CAL095	CAL	-2.76 cm	-2.78 cm	5.13 ppsm	0.25 m	0.91°
CAL096	CAL	-1.21 cm	-1.44 cm	4.85 ppsm	0.08 m	4.28°
CAL097	CAL	-3.52 cm	-3.87 cm	5.55 ppsm	0.19 m	2.66°
CAL098	CAL	-0.93 cm	-1.43 cm	4.92 ppsm	0.30 m	1.96°
CAL099	CAL	-12.16 cm	-12.40 cm	5.38 ppsm	0.35 m	1.82°
CAL100	CAL	-1.07 cm	-1.06 cm	4.31 ppsm	0.19 m	4.14°
CAL101	CAL	-2.60 cm	-2.41 cm	5.06 ppsm	0.15 m	0.76°
CAL102	CAL	-5.05 cm	-4.96 cm	5.23 ppsm	0.20 m	4.13°
CAL103	CAL	1.94 cm	1.39 cm	4.53 ppsm	0.29 m	4.57°
CAL104	CAL	2.90 cm	2.62 cm	4.77 ppsm	0.23 m	2.33°
CAL105	CAL	33.19 cm	33.29 cm	4.63 ppsm	0.07 m	0.81°
CAL106	CAL	3.94 cm	3.94 cm	4.39 ppsm	0.31 m	2.65°
CAL107	CAL	3.88 cm	3.58 cm	4.46 ppsm	0.17 m	1.90°
CAL108	CAL	7.26 cm	6.90 cm	6.01 ppsm	0.17 m	1.92°
CAL109	CAL	-2.35 cm	-2.89 cm	4.63 ppsm	0.06 m	3.00°
CAL110	CAL	-2.24 cm	-2.63 cm	4.49 ppsm	0.09 m	1.57°
CAL111	CAL	-2.40 cm	-2.31 cm	4.81 ppsm	0.11 m	5.03°
CAL112	CAL	3.09 cm	2.94 cm	4.67 ppsm	0.26 m	2.91°
CAL113	CAL	-2.03 cm	-1.91 cm	4.14 ppsm	0.16 m	3.36°
CAL114	CAL	9.17 cm	9.42 cm	3.47 ppsm	0.28 m	0.66°
CAL115	CAL	-0.08 cm	-0.19 cm	4.67 ppsm	0.34 m	1.23°
CAL116	CAL	4.30 cm	4.19 cm	4.56 ppsm	0.25 m	0.50°
CAL117	CAL	1.65 cm	1.61 cm	4.95 ppsm	0.27 m	3.15°
CAL118	CAL	0.05 cm	0.17 cm	3.54 ppsm	0.16 m	6.56°
CAL119	CAL	3.89 cm	3.97 cm	4.74 ppsm	0.13 m	0.82°
CAL120	CAL	1.20 cm	0.92 cm	4.53 ppsm	0.06 m	1.75°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
CAL121	CAL	4.29 cm	3.85 cm	5.20 ppsm	0.22 m	3.33°
CAL122	CAL	-4.85 cm	-4.83 cm	4.35 ppsm	0.07 m	3.23°
CAL123	CAL	-2.72 cm	-3.02 cm	5.23 ppsm	0.15 m	0.38°
CAL124	CAL	-5.67 cm	-5.81 cm	7.78 ppsm	0.20 m	1.91°
CAL125	CAL	4.77 cm	4.45 cm	5.31 ppsm	0.11 m	1.91°
CAL126	CAL	-0.10 cm	-0.01 cm	4.88 ppsm	0.17 m	0.27°
CAL127	CAL	7.33 cm	7.63 cm	5.06 ppsm	0.27 m	0.91°
CAL128	CAL	-1.77 cm	-1.91 cm	5.20 ppsm	0.19 m	3.14°
CAL129	CAL	2.94 cm	3.13 cm	4.63 ppsm	0.14 m	2.39°
CAL130	CAL	3.33 cm	3.07 cm	4.60 ppsm	0.21 m	3.06°
CAL131	CAL	1.13 cm	1.48 cm	5.48 ppsm	0.18 m	4.23°
CAL132	CAL	0.92 cm	0.82 cm	5.23 ppsm	0.25 m	1.06°
CAL133	CAL	3.48 cm	3.54 cm	5.27 ppsm	0.22 m	2.35°
CAL134	CAL	2.10 cm	1.49 cm	4.53 ppsm	0.30 m	1.50°
CAL135	CAL	-0.39 cm	-0.84 cm	4.67 ppsm	0.15 m	3.11°
CAL136	CAL	-1.16 cm	-1.11 cm	4.74 ppsm	0.18 m	2.66°
CAL137	CAL	7.85 cm	7.79 cm	4.46 ppsm	0.26 m	2.17°
CAL138	CAL	-1.83 cm	-1.70 cm	4.92 ppsm	0.08 m	1.14°
CAL139	CAL	9.09 cm	9.08 cm	4.10 ppsm	0.19 m	1.66°
CAL140	CAL	4.91 cm	4.88 cm	4.53 ppsm	0.22 m	0.68°
CAL141	CAL	7.96 cm	8.06 cm	4.77 ppsm	0.30 m	1.13°
CAL142	CAL	2.42 cm	2.09 cm	4.56 ppsm	0.15 m	4.21°
CAL143	CAL	2.65 cm	2.55 cm	3.04 ppsm	0.26 m	2.61°
CAL144	CAL	5.63 cm	5.80 cm	3.75 ppsm	0.04 m	4.53°
CAL145	CAL	1.36 cm	1.37 cm	4.63 ppsm	0.06 m	0.87°
CAL146	CAL	3.08 cm	2.76 cm	4.35 ppsm	0.13 m	2.80°

Control Point Breakdown Continued

Point	Type	Dz TIN	Dz DEM	Ground Density	Nearest Ground	Slope
CAL147	CAL	-4.95 cm	-4.95 cm	4.77 ppsm	0.33 m	3.01°
CAL148	CAL	-11.55 cm	-11.50 cm	3.50 ppsm	0.50 m	4.19°
CAL149	CAL	-6.71 cm	-6.43 cm	3.82 ppsm	0.23 m	0.83°
CAL150	CAL	0.86 cm	1.04 cm	4.81 ppsm	0.11 m	4.05°
CAL151	CAL	-6.01 cm	-5.80 cm	4.56 ppsm	0.26 m	2.12°

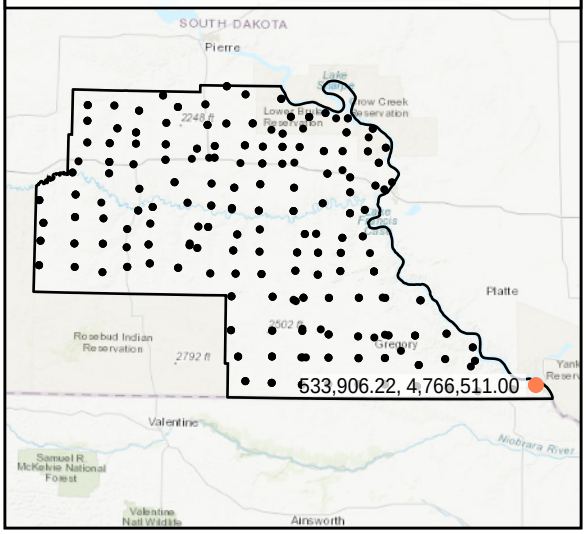
Anomaly Breakdown

Point	Type	Raw TIN Dz	DEM Dz	Ground Density	Nearest Ground	Slope
UA005	NVA	47.96 cm	47.78 cm	4.53 ppsm	0.15 m	0.67°
Comment: Blunder						
UA015	NVA	74.73 cm	10.48 cm	3.18 ppsm	0.54 m	4.42°
Comment: Vehicle Obstructing Point Location						

BE001

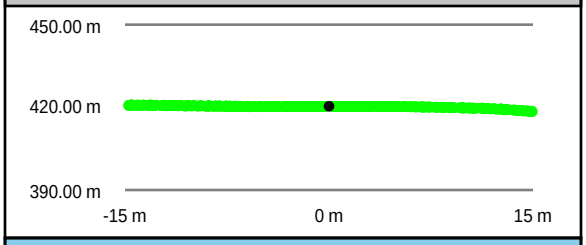
Known Z	420.39 m	Point Density	4.70 ppsm
DEM Dz	-0.05 m	Ground Density	4.70 ppsm
Raw TIN Dz	-0.04 m	Slope	1.03 °

Project Context

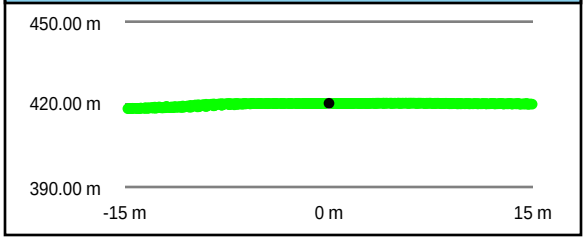


World Imagery

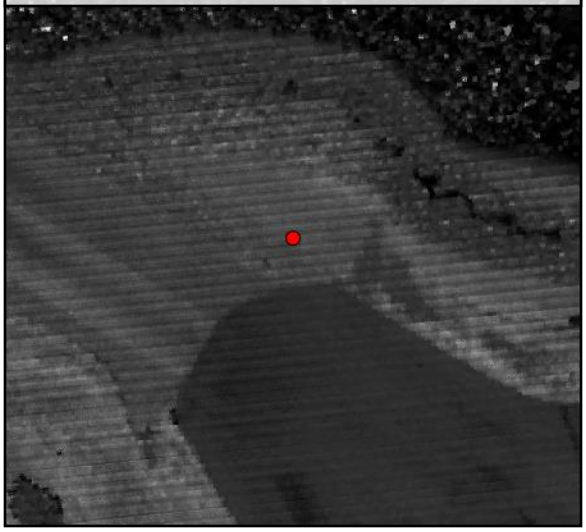
South to North



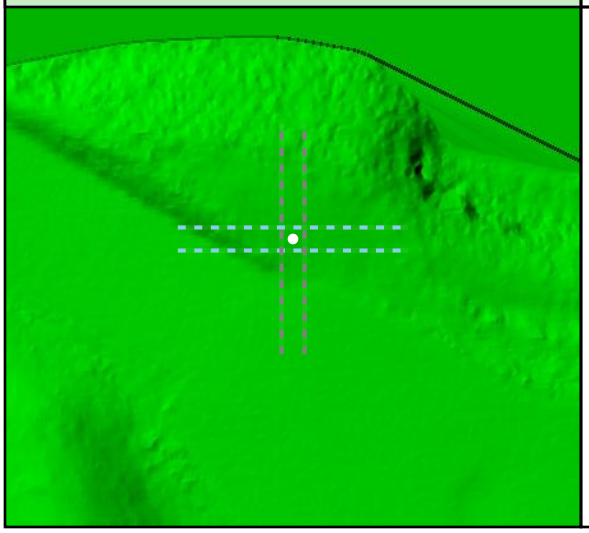
West to East



Intensity Raster

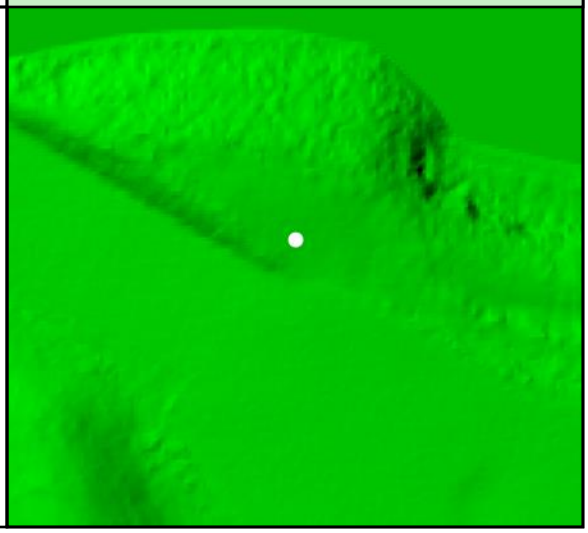


TIN Surface



Project Elevation

DEM Surface



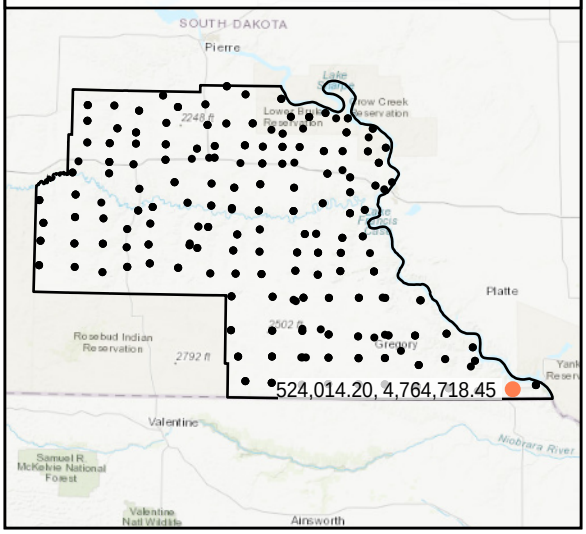
DEM Dz -0.05 m

NVA - BE001

Raw TIN Dz -0.04 m

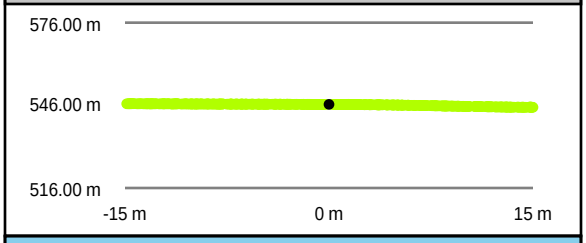
BE002				
Known Z	546.35 m	Point Density	4.70 ppsm
DEM Dz	-0.02 m	Ground Density	4.70 ppsm
Raw TIN Dz	-0.02 m	Slope	2.03 °

Project Context

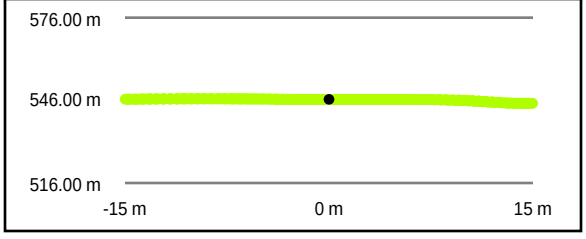


World Imagery

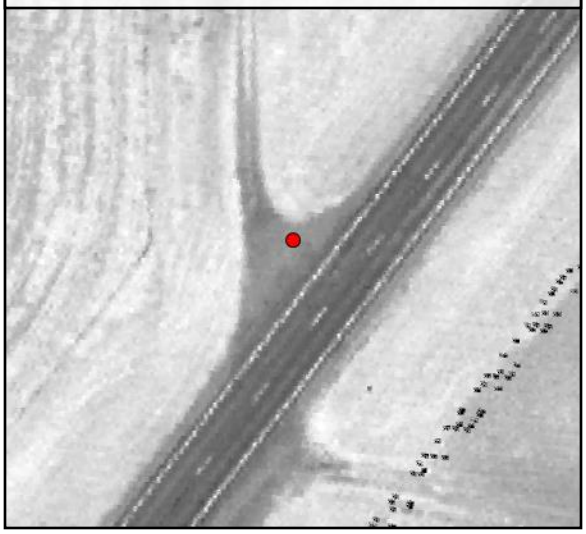
Southwest to Northeast



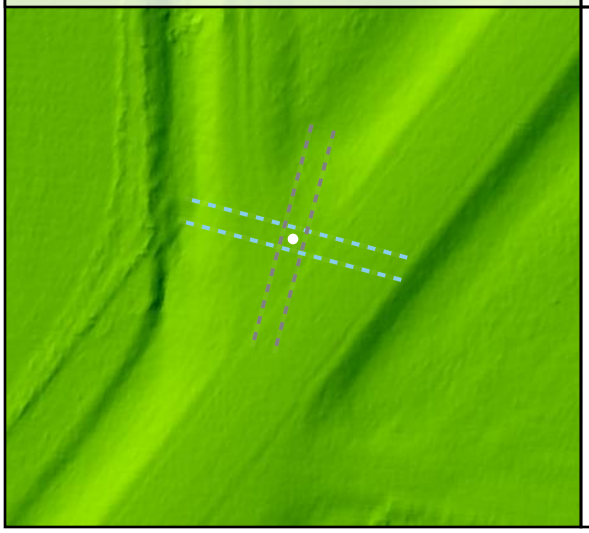
Southeast to Northwest



Intensity Raster

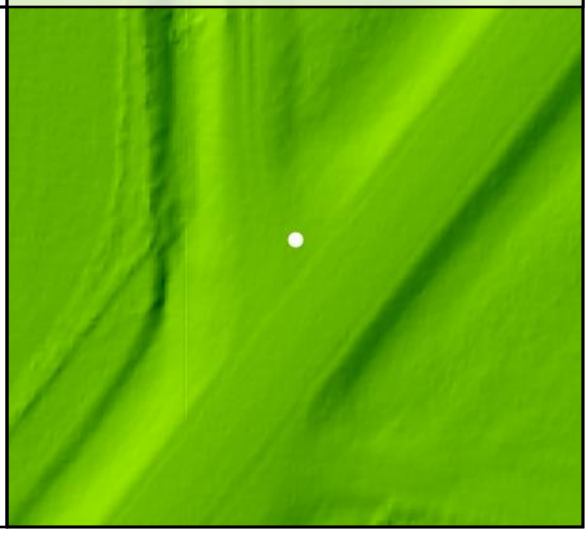


TIN Surface



Project Elevation

DEM Surface



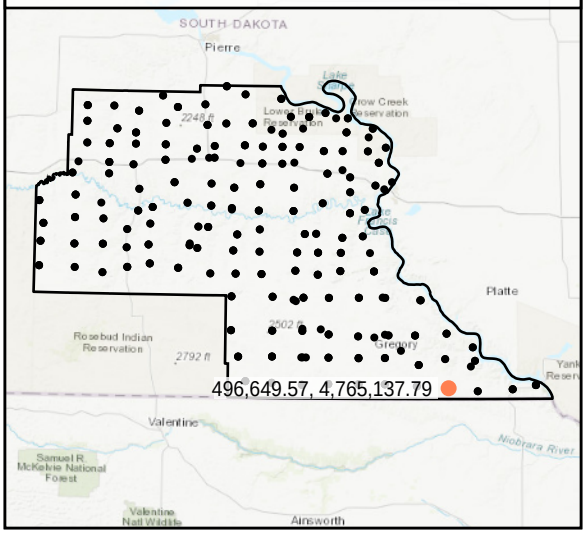
DEM Dz -0.02 m

NVA - BE002

Raw TIN Dz -0.02 m

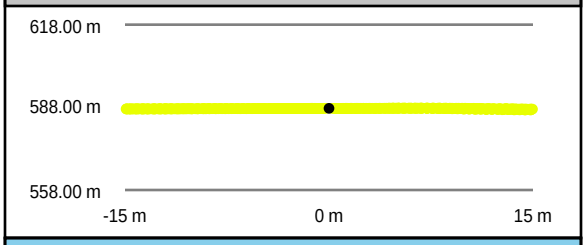
BE003				
	Known Z	587.63 m	Point Density	5.48 ppsm
	DEM Dz	0.00 m	Ground Density	5.48 ppsm
	Raw TIN Dz	0.01 m	Slope	1.58 °

Project Context

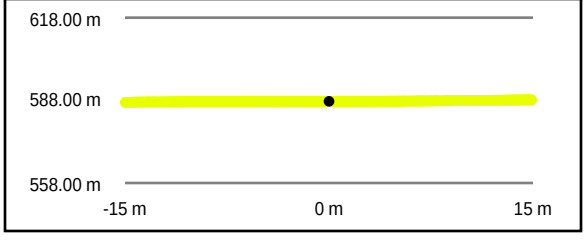


World Imagery

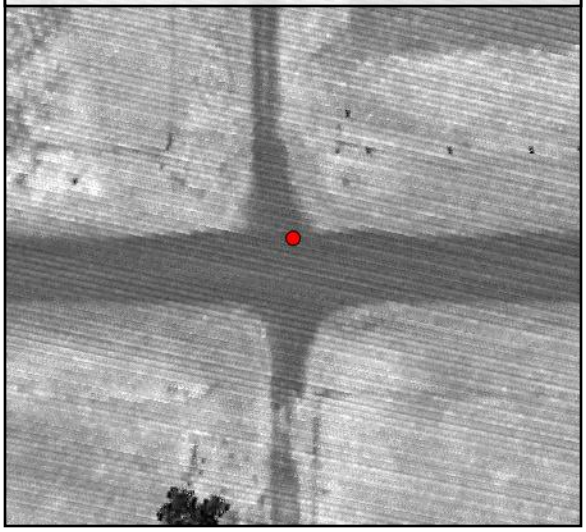
Southwest to Northeast



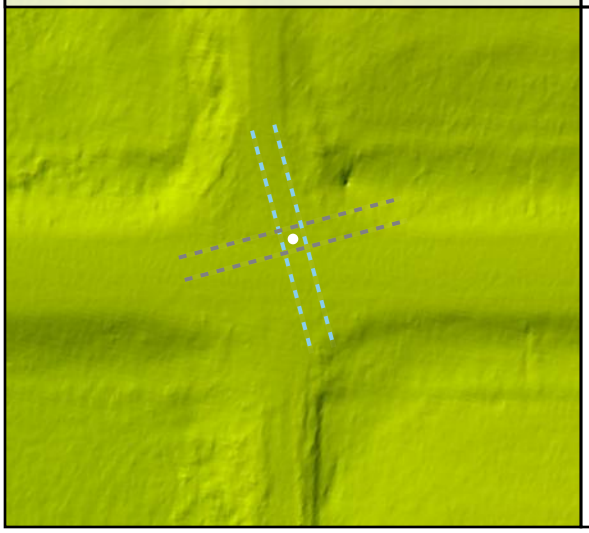
Southeast to Northwest



Intensity Raster



TIN Surface

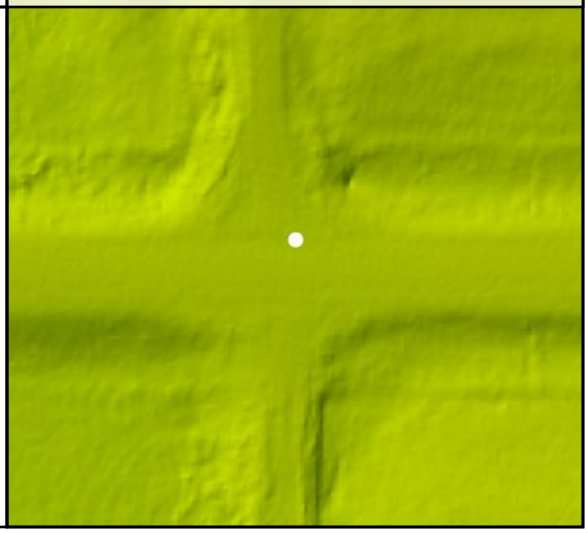


Project Elevation

795.78

413.64

DEM Surface



DEM Dz +0.00 m

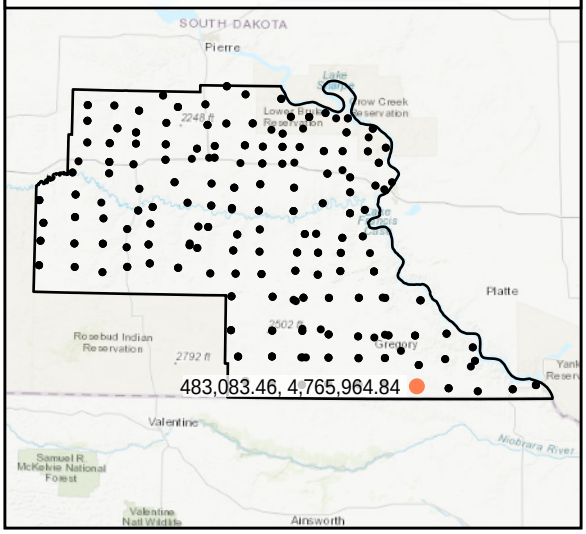
NVA - BE003

Raw TIN Dz +0.01 m

BE004

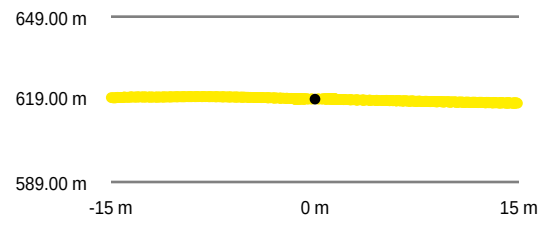
Known Z	619.07 m	Point Density	5.73 ppsm
DEM Dz	0.07 m	Ground Density	5.73 ppsm
Raw TIN Dz	0.07 m	Slope	8.28 °

Project Context

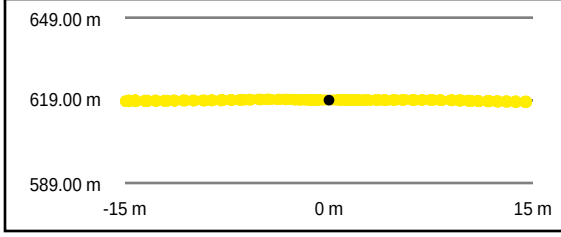


World Imagery

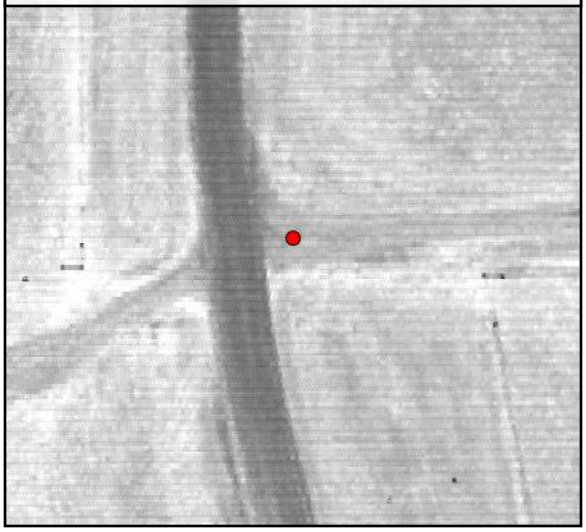
West to East



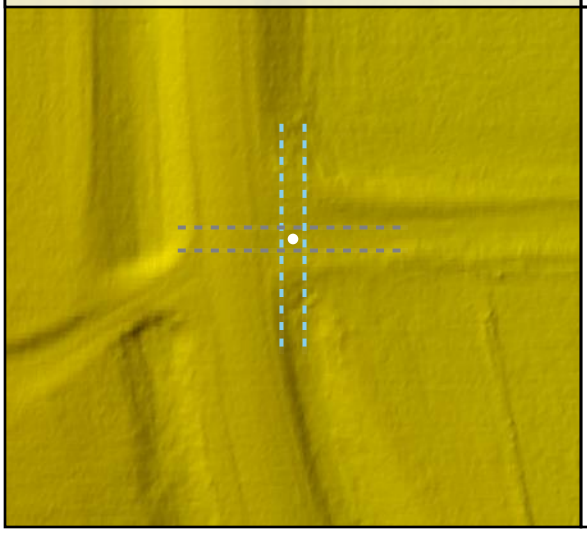
South to North



Intensity Raster

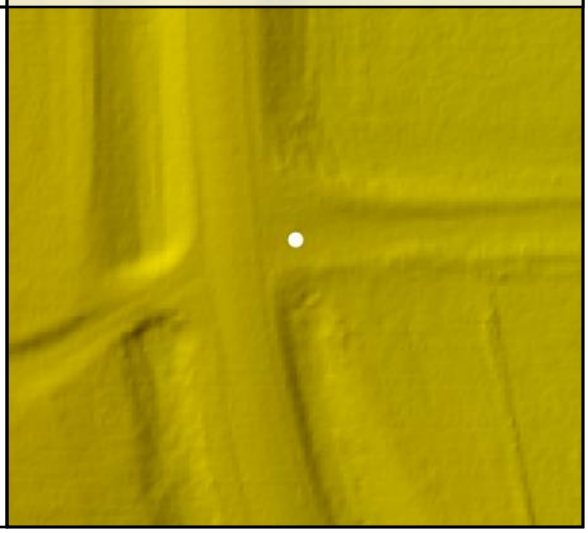


TIN Surface



Project Elevation

DEM Surface



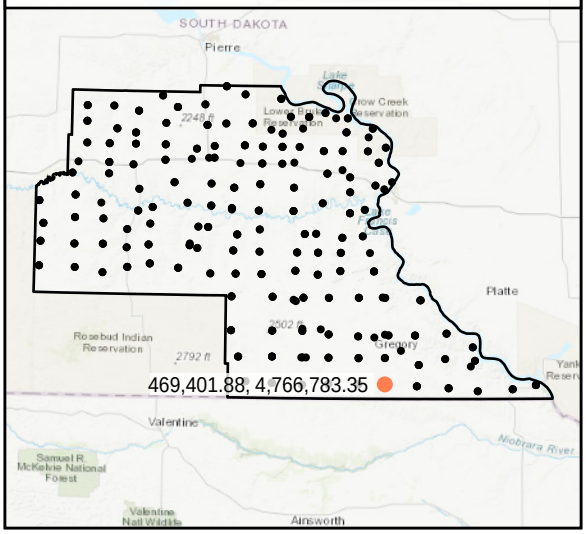
DEM Dz +0.07 m

NVA - BE004

Raw TIN Dz +0.07 m

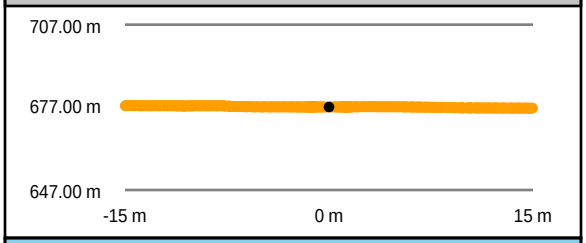
BE005				
	Known Z	677.12 m	Point Density	5.38 ppsm
	DEM Dz	0.01 m	Ground Density	5.38 ppsm
	Raw TIN Dz	0.02 m	Slope	0.88 °

Project Context

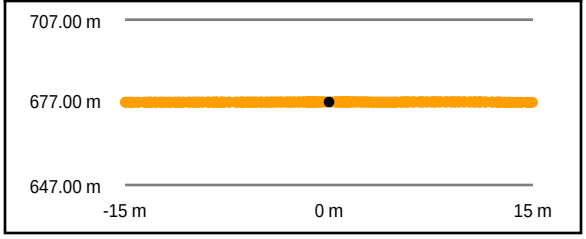


World Imagery

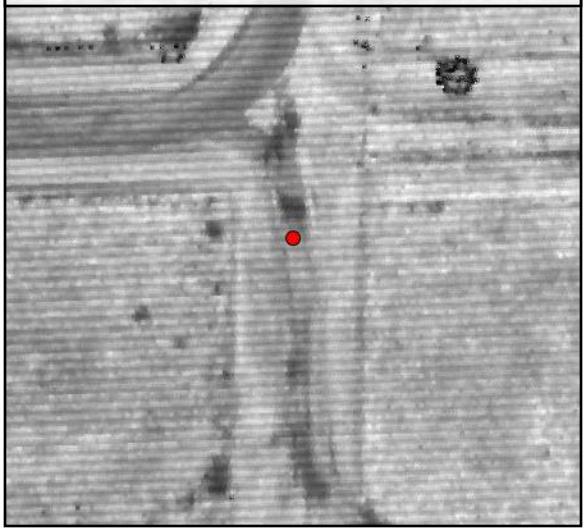
West to East



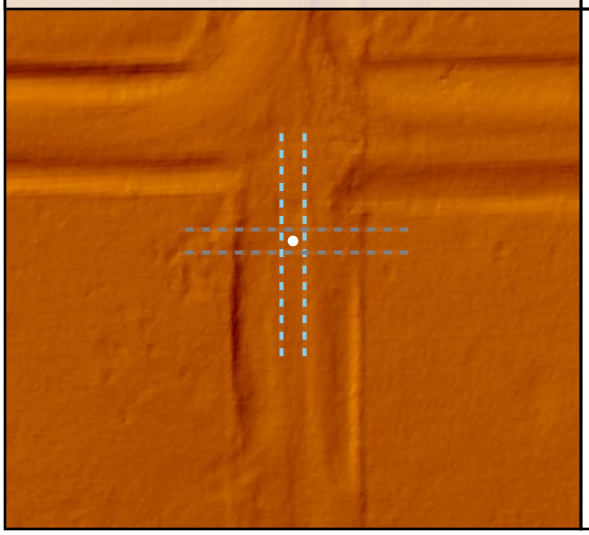
South to North



Intensity Raster

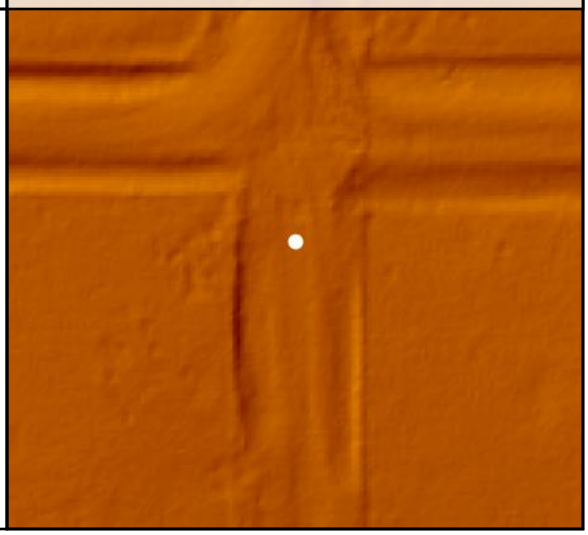


TIN Surface



Project Elevation

DEM Surface



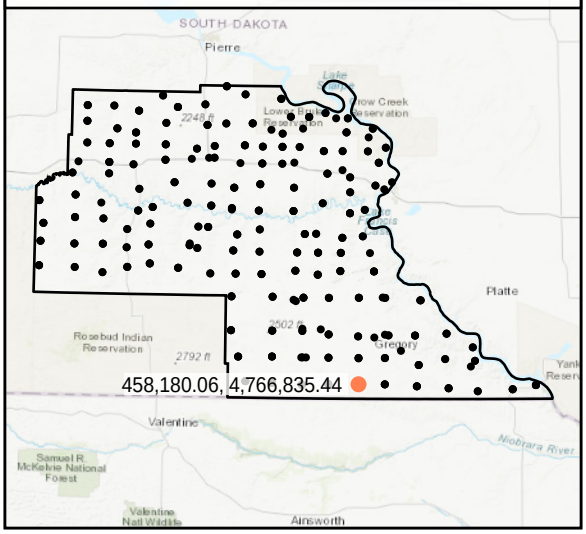
DEM Dz +0.01 m

NVA - BE005

Raw TIN Dz +0.02 m

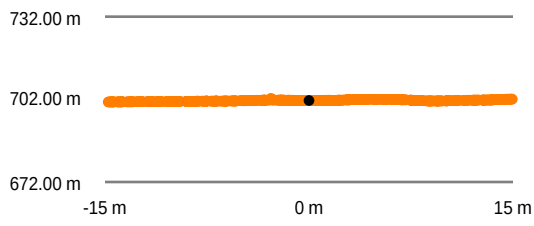
BE006				
	Known Z	701.57 m	Point Density	6.30 ppsm
	DEM Dz	-0.01 m	Ground Density	5.98 ppsm
	Raw TIN Dz	-0.01 m	Slope	2.82 °

Project Context

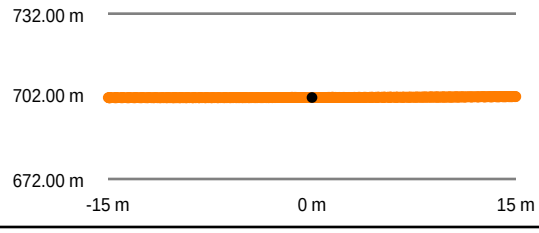


World Imagery

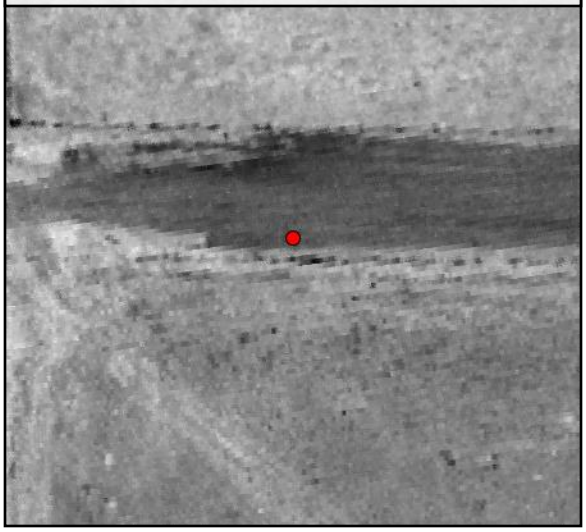
South to North



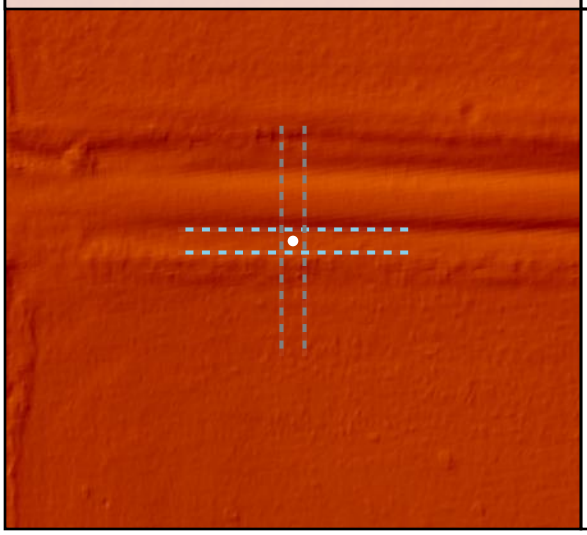
West to East



Intensity Raster

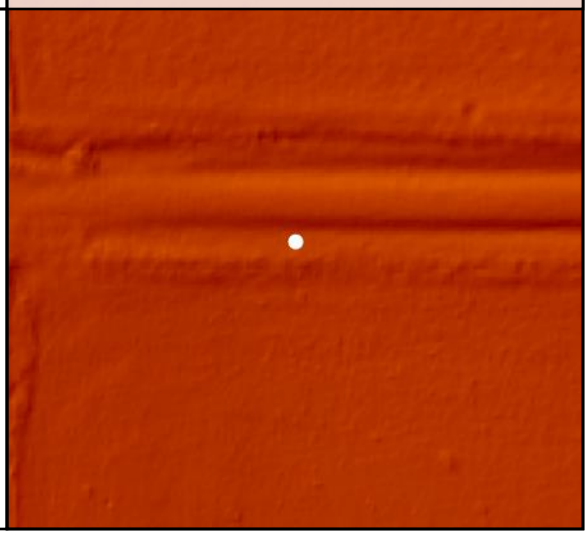


TIN Surface



Project Elevation

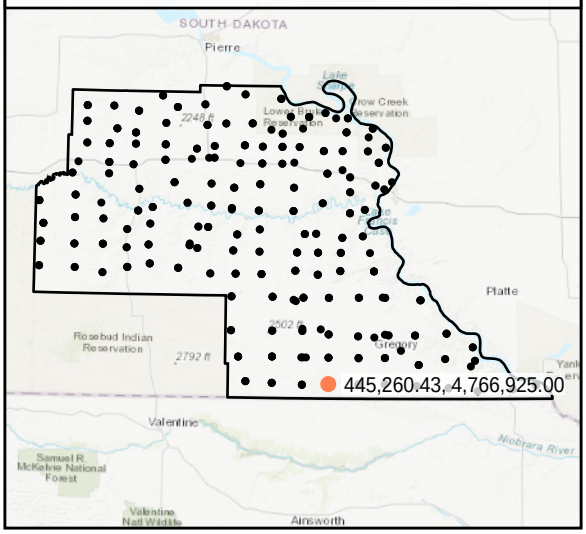
DEM Surface



BE007

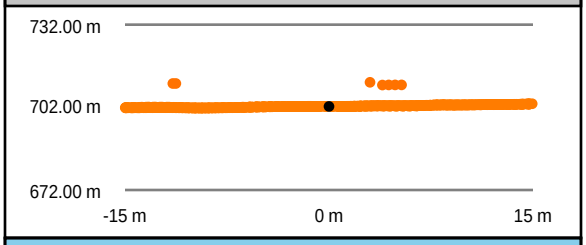
Known Z	702.32 m	Point Density	5.98 ppsm
DEM Dz	0.02 m	Ground Density	5.98 ppsm
Raw TIN Dz	0.03 m	Slope	0.57 °

Project Context

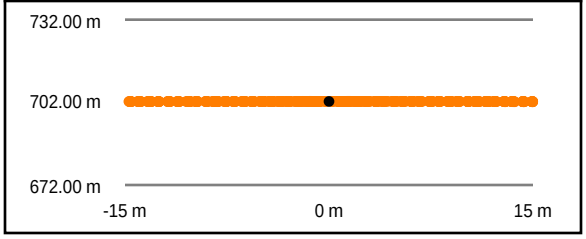


World Imagery

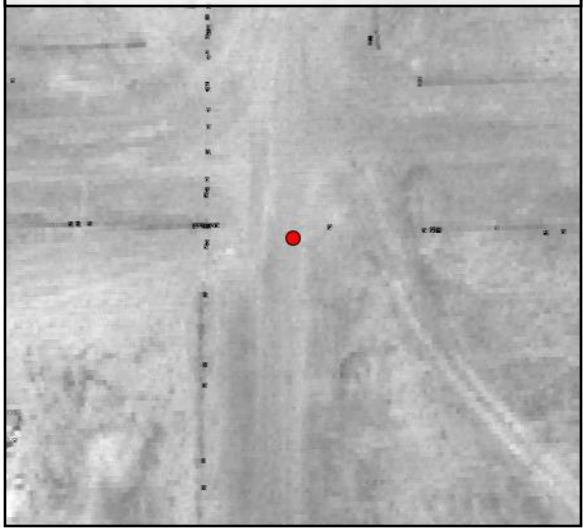
West to East



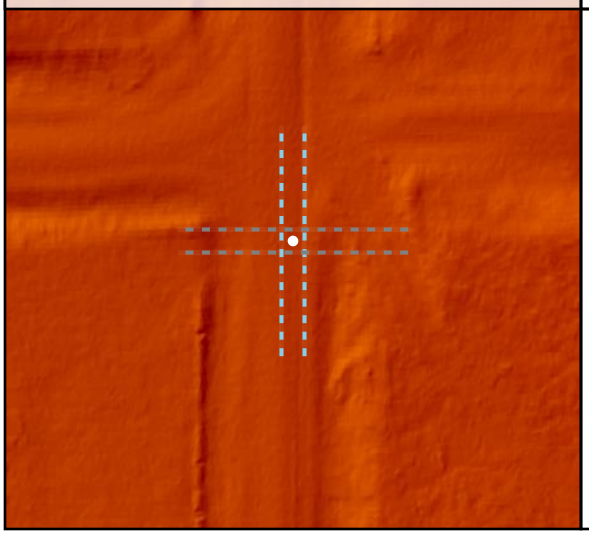
South to North



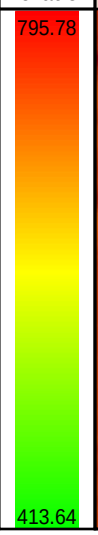
Intensity Raster



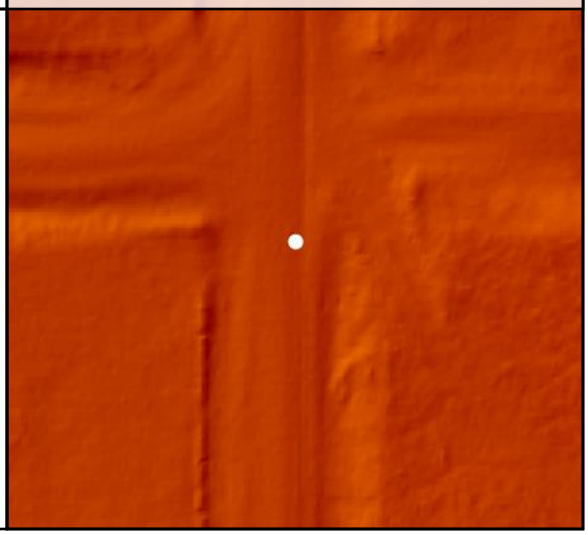
TIN Surface



Project Elevation



DEM Surface



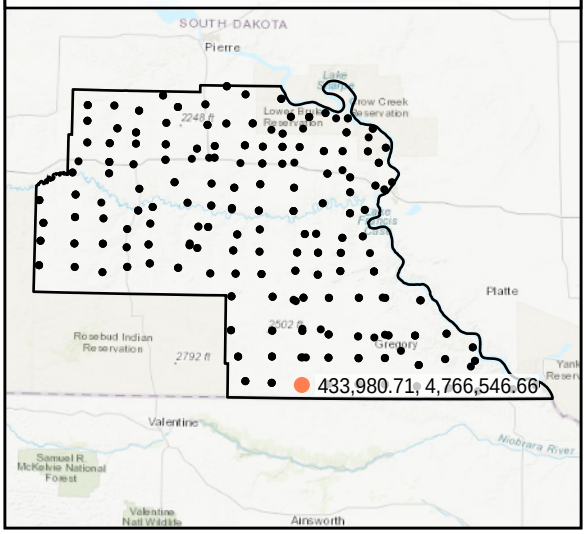
DEM Dz +0.02 m

NVA - BE007

Raw TIN Dz +0.03 m

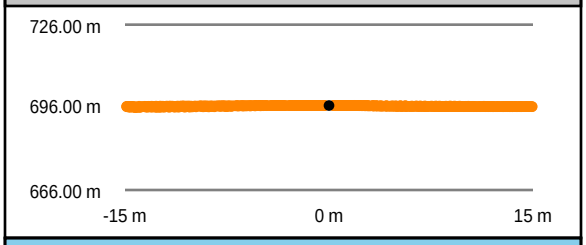
BE008				
Known Z	696.66 m	Point Density	5.16 ppsm
DEM Dz	0.01 m	Ground Density	5.16 ppsm
Raw TIN Dz	0.01 m	Slope	2.19 °

Project Context

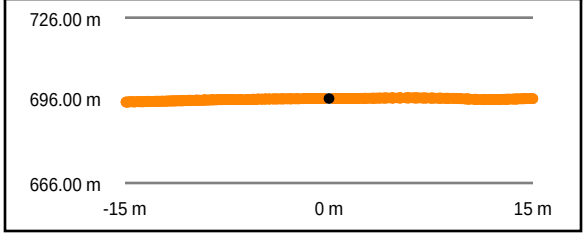


World Imagery

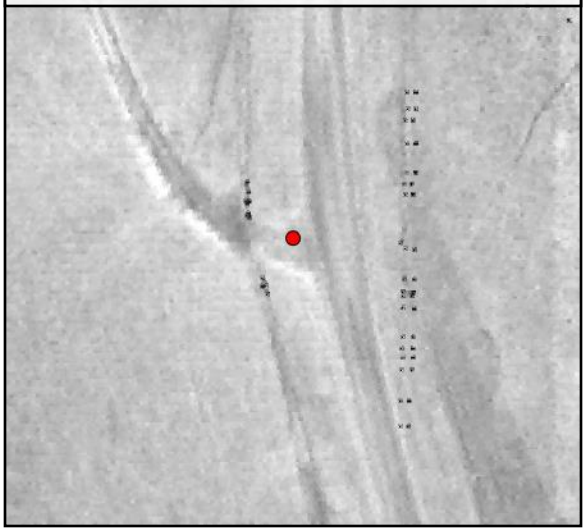
Southeast to Northwest



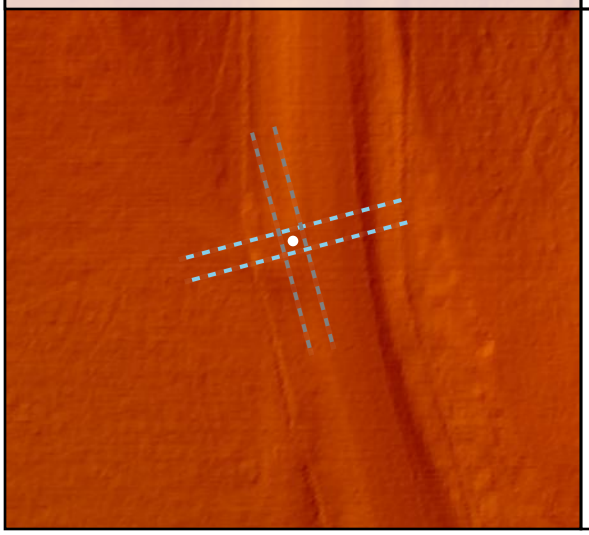
Southwest to Northeast



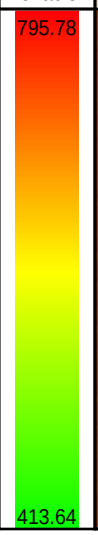
Intensity Raster



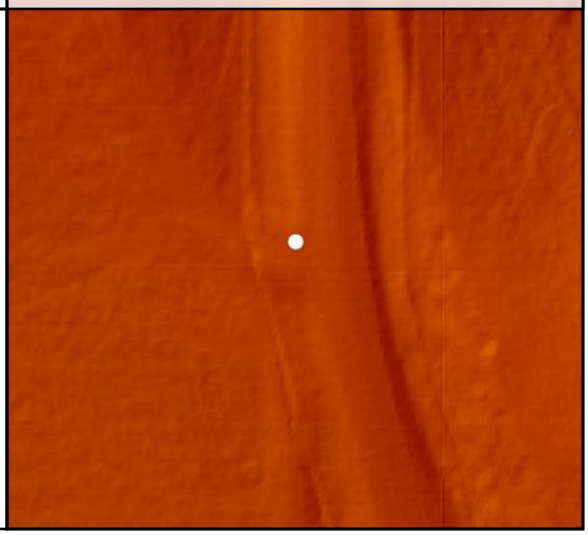
TIN Surface



Project Elevation

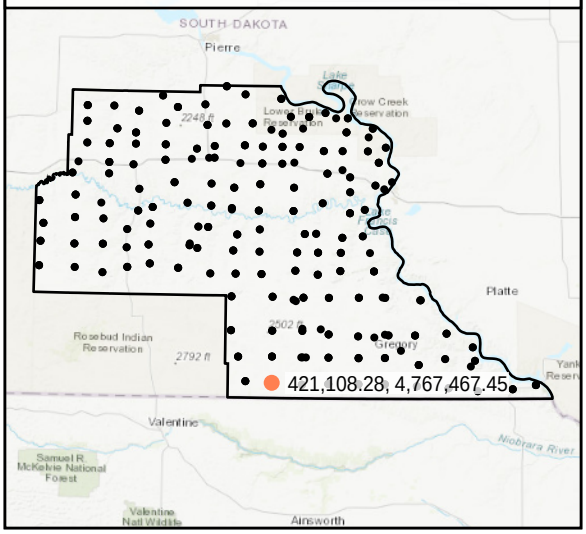


DEM Surface



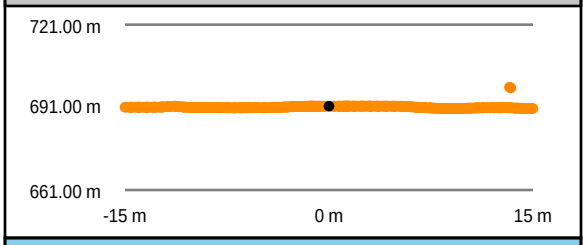
BE009				
	Known Z	691.41 m	Point Density	4.85 ppsm
	DEM Dz	-0.01 m	Ground Density	4.85 ppsm
	Raw TIN Dz	-0.02 m	Slope	1.75 °

Project Context

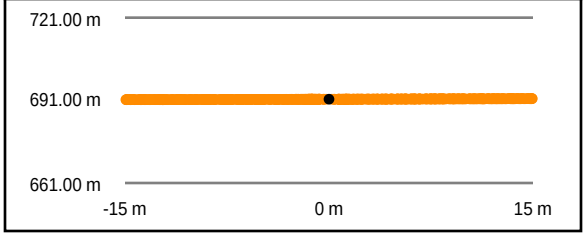


World Imagery

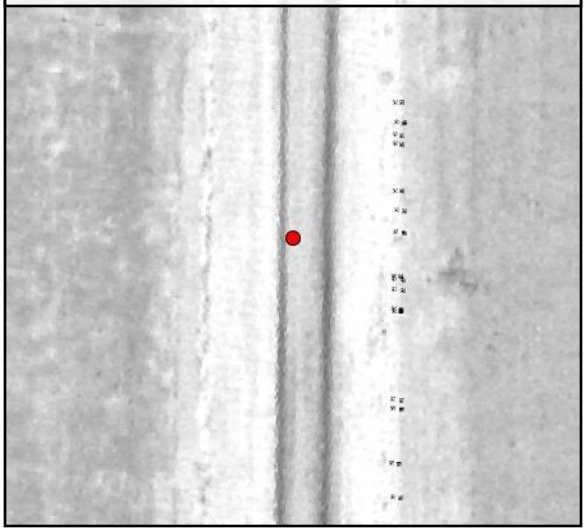
West to East



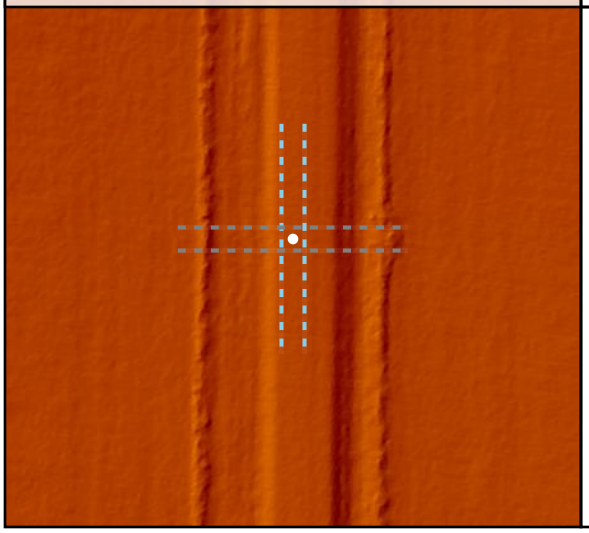
South to North



Intensity Raster

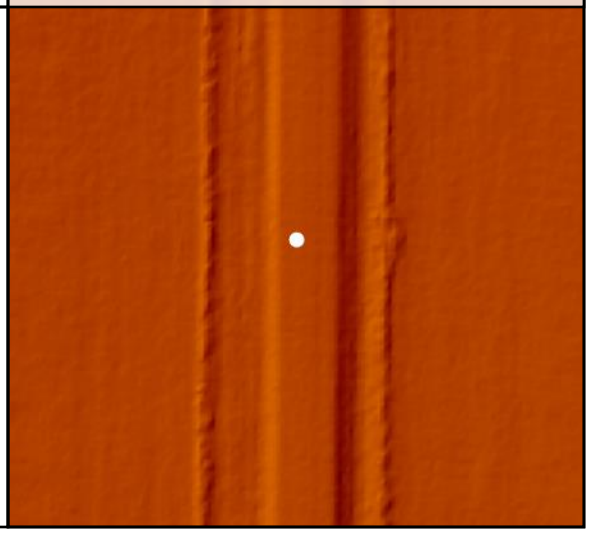


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

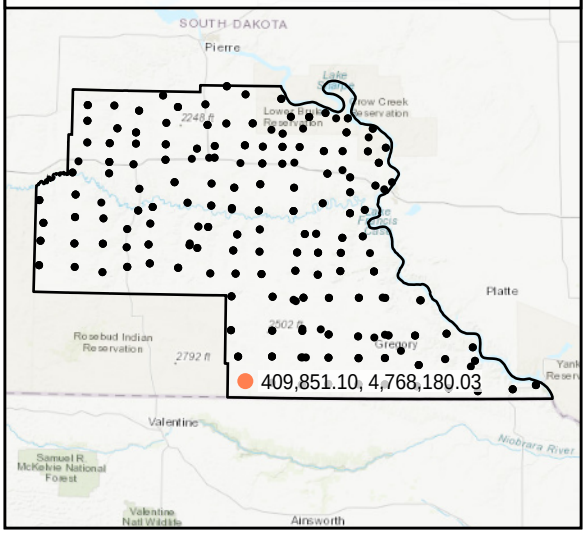
NVA - BE009

Raw TIN Dz -0.02 m

BE010

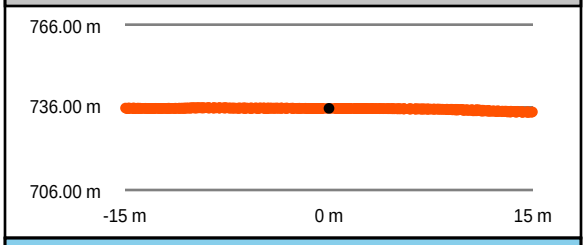
Known Z	735.63 m	Point Density	4.60 ppsm
DEM Dz	-0.04 m	Ground Density	4.60 ppsm
Raw TIN Dz	-0.04 m	Slope	1.41 °

Project Context

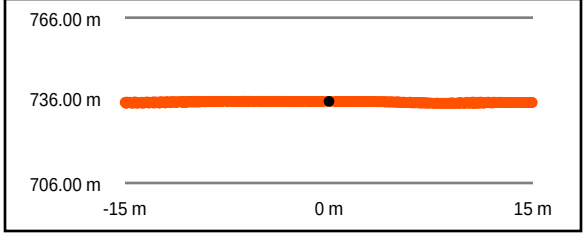


World Imagery

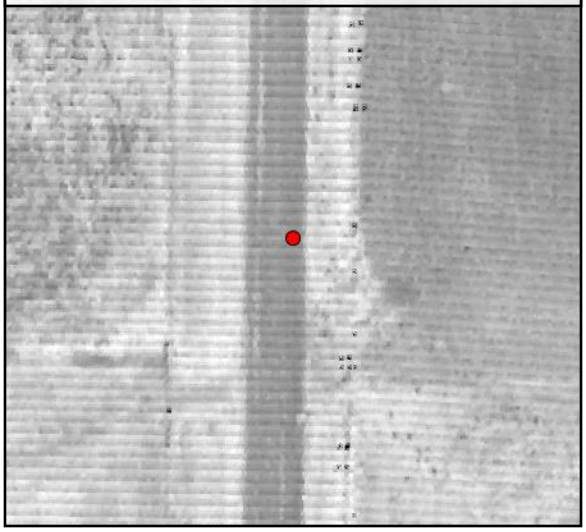
Southeast to Northwest



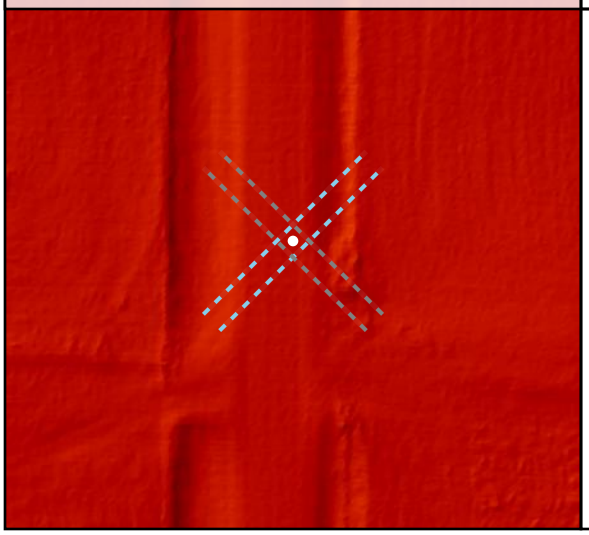
Southwest to Northeast



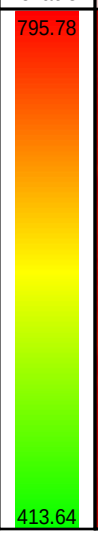
Intensity Raster



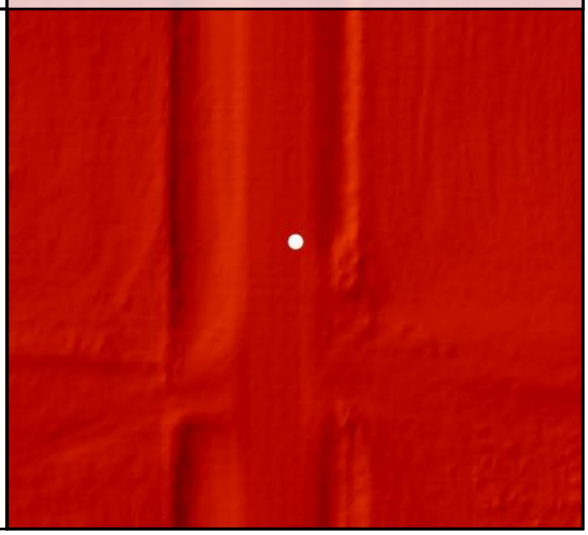
TIN Surface



Project Elevation



DEM Surface



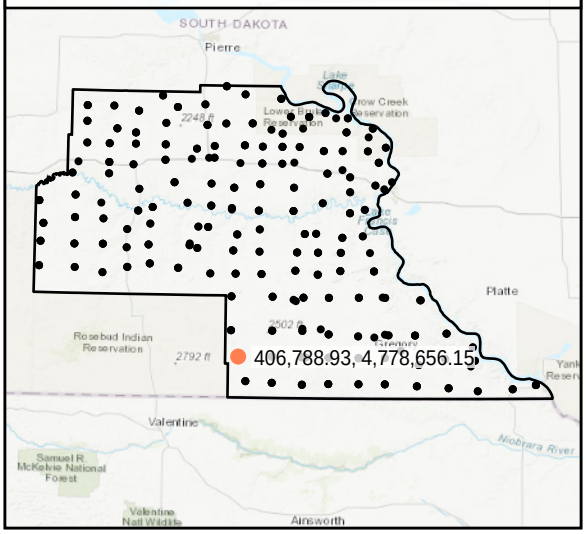
DEM Dz -0.04 m

NVA - BE010

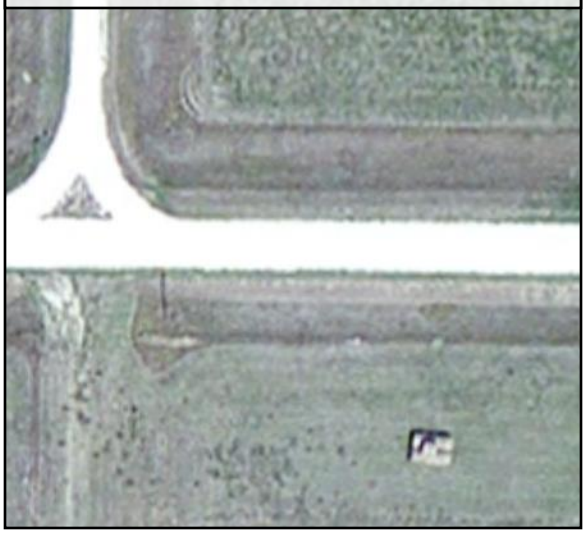
Raw TIN Dz -0.04 m

BE011				
	Known Z	711.63 m	Point Density	5.06 ppsm
	DEM Dz	-0.05 m	Ground Density	5.06 ppsm
	Raw TIN Dz	-0.06 m	Slope	0.36 °

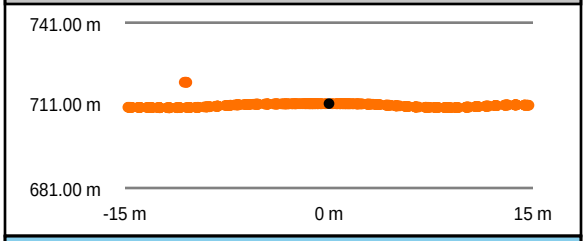
Project Context



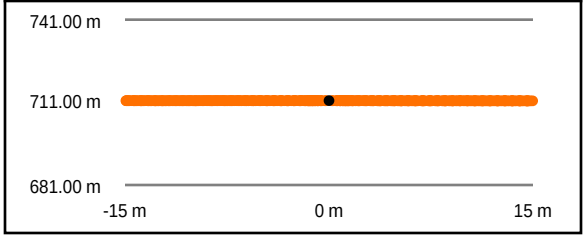
World Imagery



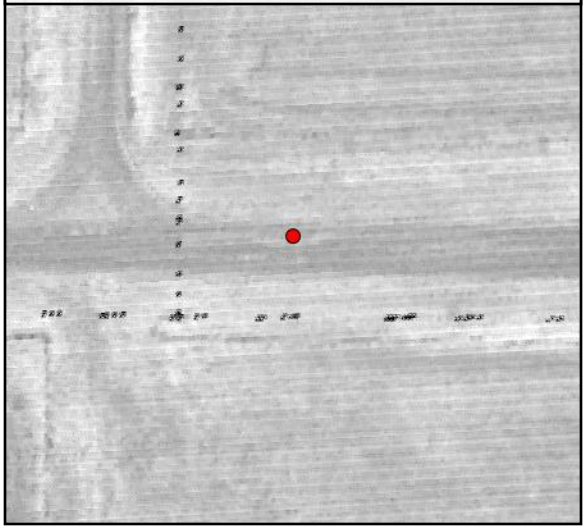
South to North



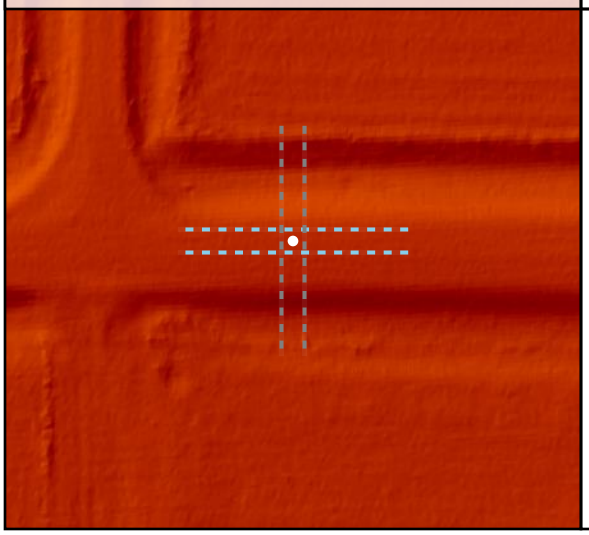
West to East



Intensity Raster

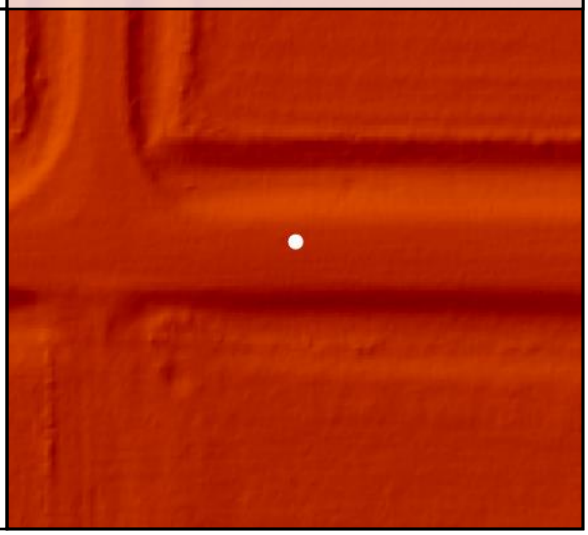


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

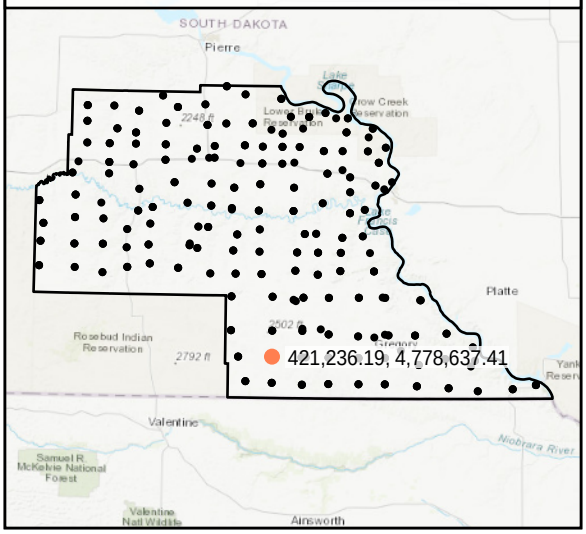
NVA - BE011

Raw TIN Dz -0.06 m

BE012

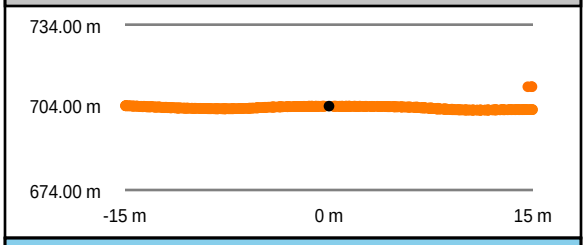
Known Z	704.43 m	Point Density	5.20 ppsm
DEM Dz	-0.03 m	Ground Density	5.20 ppsm
Raw TIN Dz	-0.04 m	Slope	2.23 °

Project Context

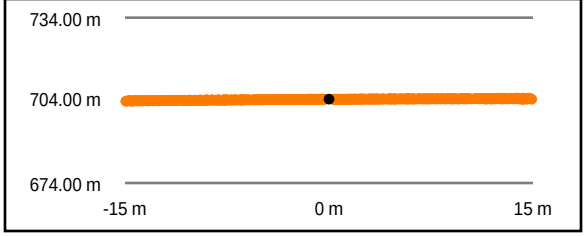


World Imagery

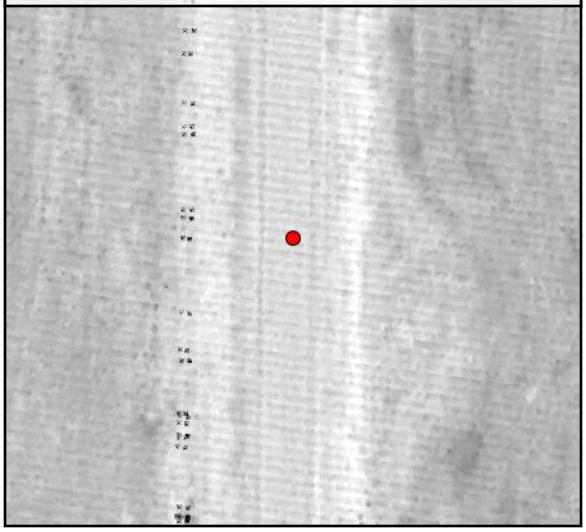
Southeast to Northwest



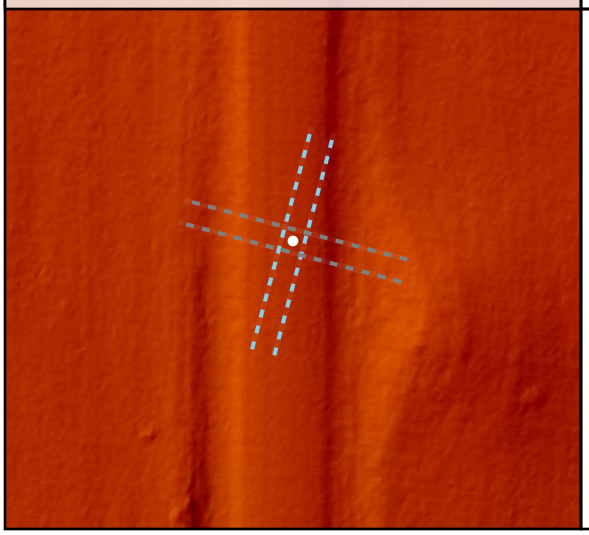
Southwest to Northeast



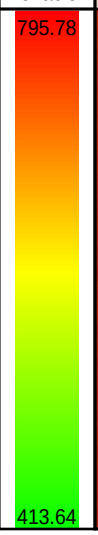
Intensity Raster



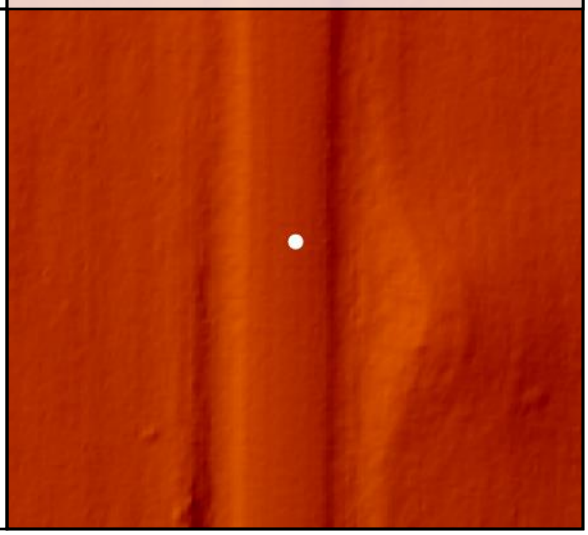
TIN Surface



Project Elevation



DEM Surface



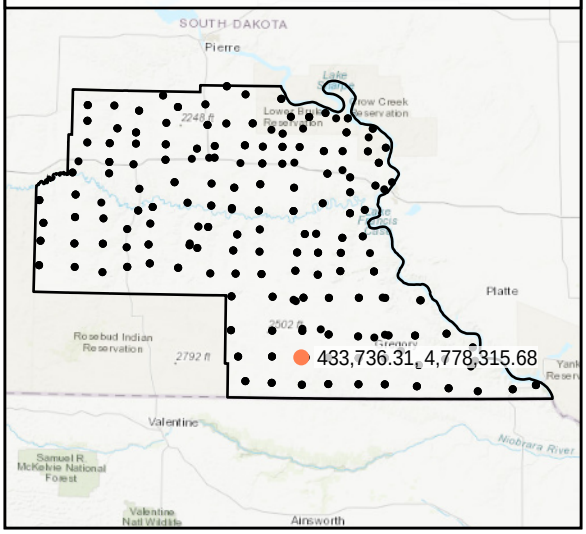
DEM Dz -0.03 m

NVA - BE012

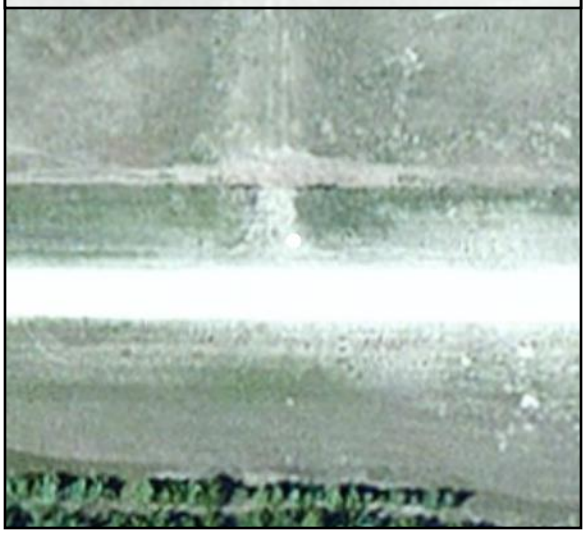
Raw TIN Dz -0.04 m

BE013				
	Known Z	707.41 m	Point Density	5.09 ppsm
	DEM Dz	-0.01 m	Ground Density	5.09 ppsm
	Raw TIN Dz	0.00 m	Slope	0.96 °

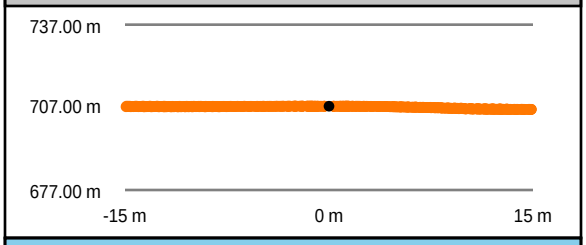
Project Context



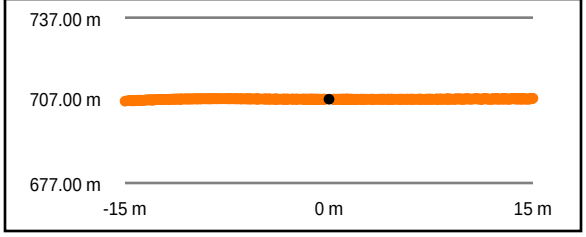
World Imagery



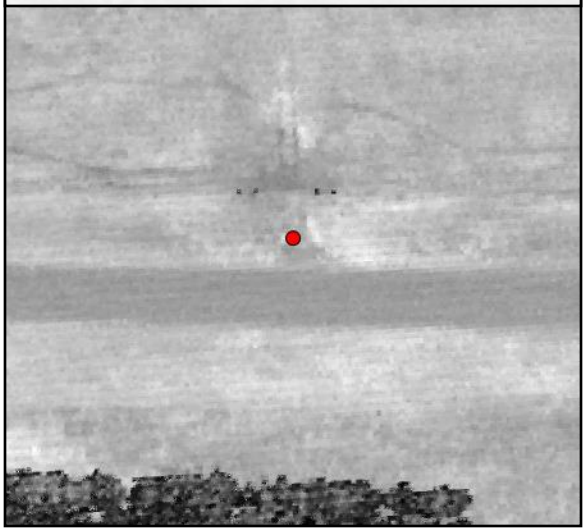
Southwest to Northeast



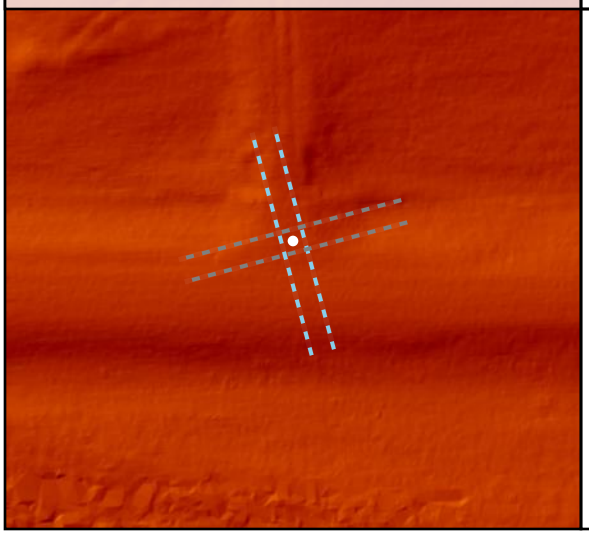
Southeast to Northwest



Intensity Raster



TIN Surface

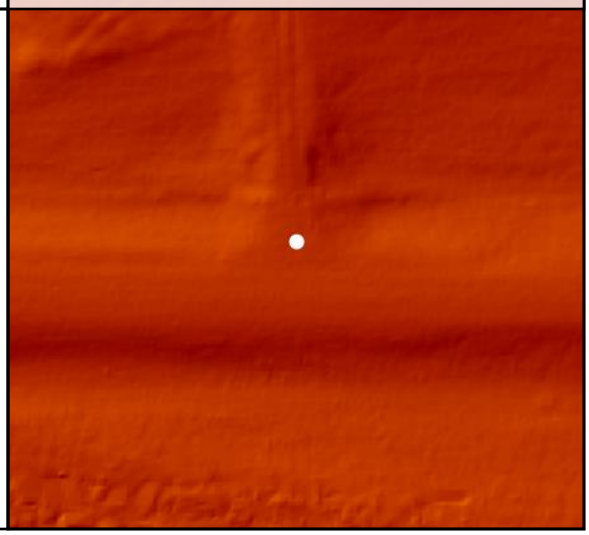


Project Elevation

795.78

413.64

DEM Surface



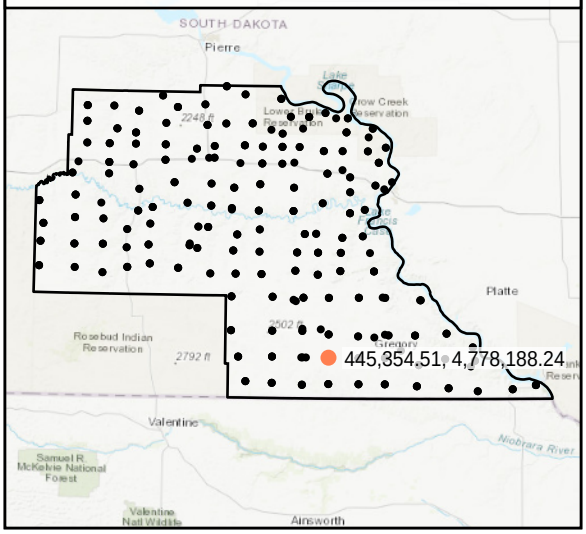
DEM Dz -0.01 m

NVA - BE013

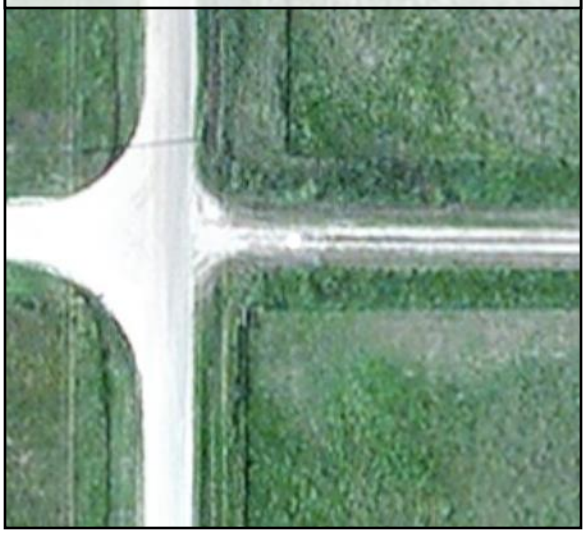
Raw TIN Dz 0.00 m

BE014				
Known Z	700.64 m	Point Density	5.23 ppsm
DEM Dz	-0.03 m	Ground Density	5.23 ppsm
Raw TIN Dz	-0.03 m	Slope	0.58 °

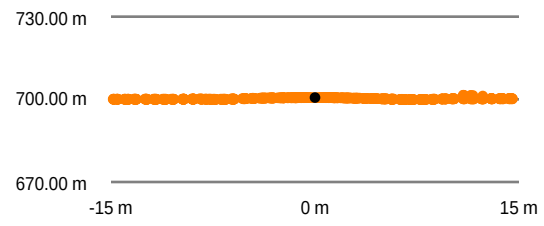
Project Context



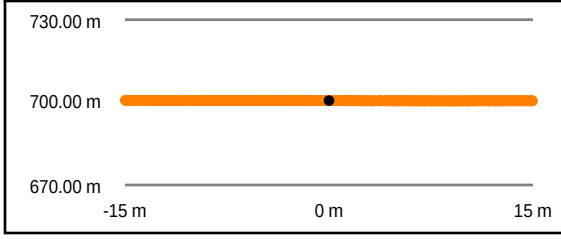
World Imagery



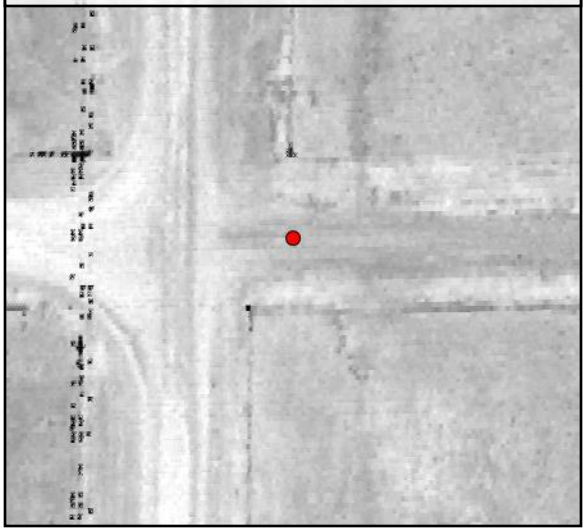
South to North



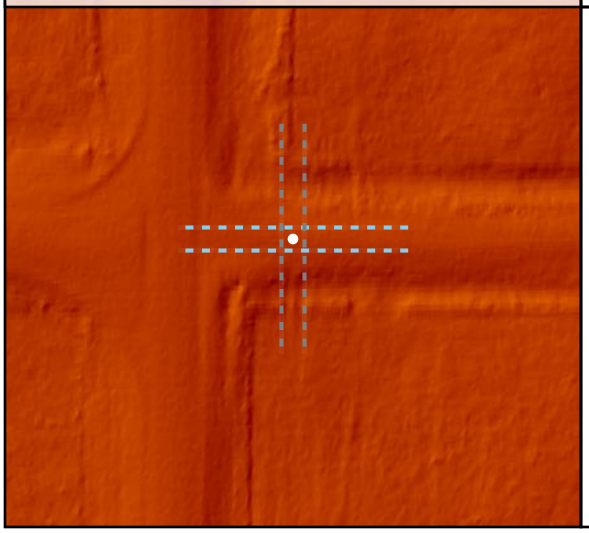
West to East



Intensity Raster

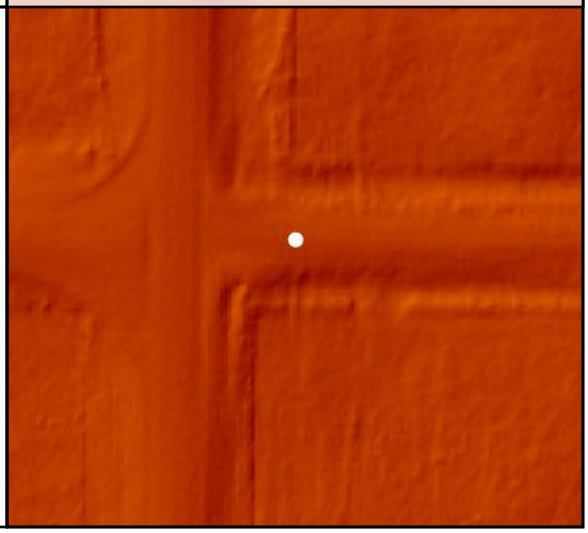


TIN Surface



Project Elevation

DEM Surface



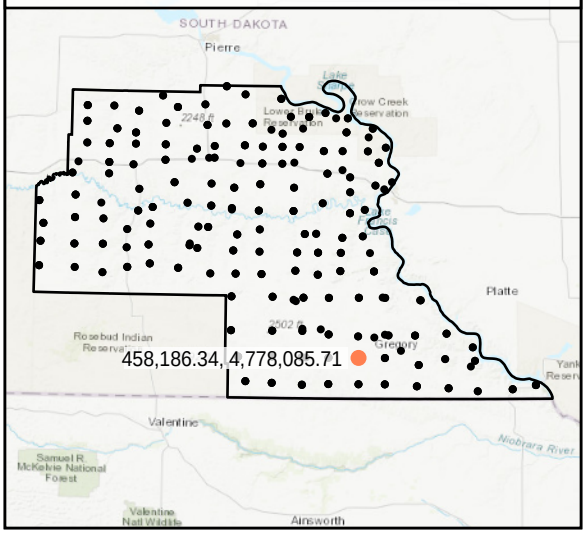
DEM Dz -0.03 m

NVA - BE014

Raw TIN Dz -0.03 m

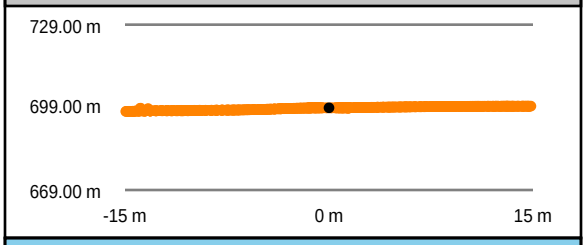
BE015				
	Known Z	698.82 m	Point Density	5.98 ppsm
	DEM Dz	-0.01 m	Ground Density	5.98 ppsm
	Raw TIN Dz	-0.01 m	Slope	3.10 °

Project Context

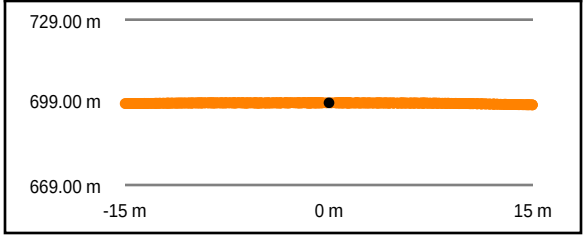


World Imagery

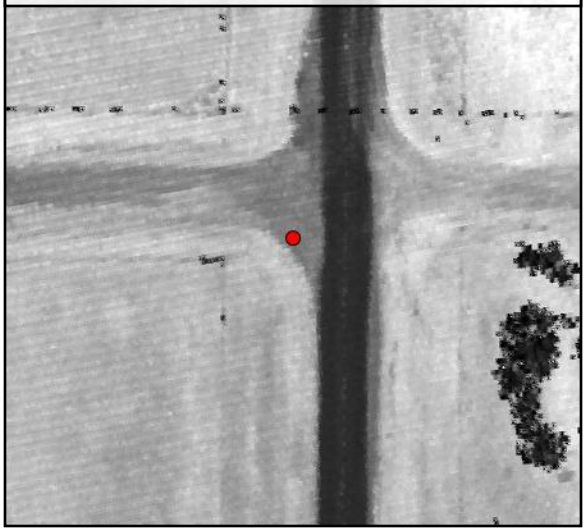
Southwest to Northeast



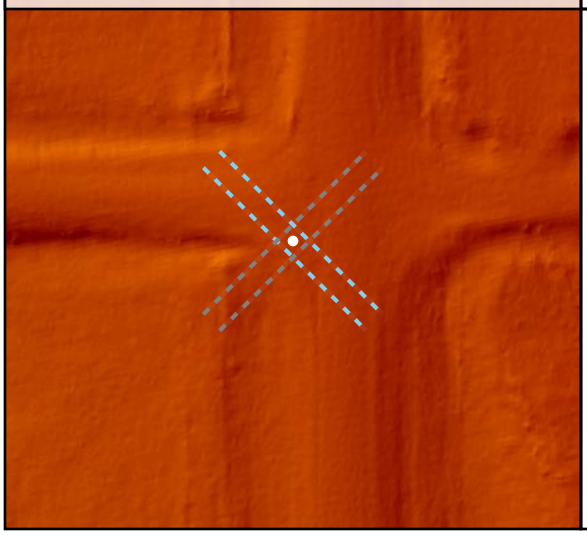
Southeast to Northwest



Intensity Raster



TIN Surface

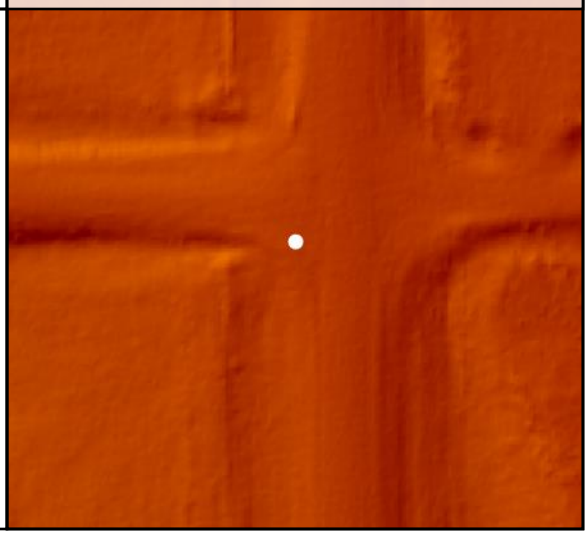


Project Elevation

795.78

413.64

DEM Surface



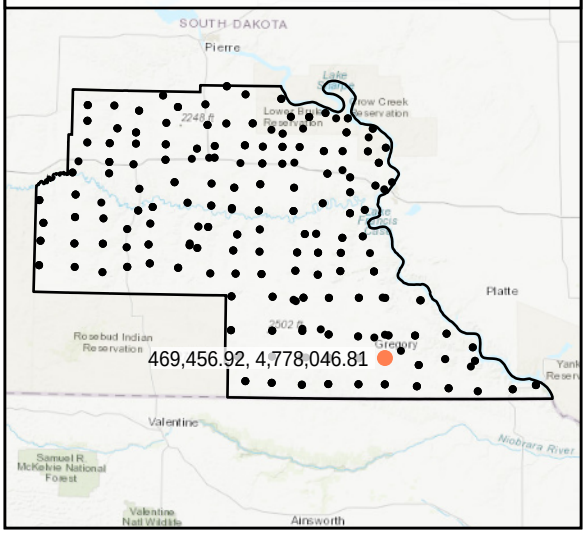
DEM Dz -0.01 m

NVA - BE015

Raw TIN Dz -0.01 m

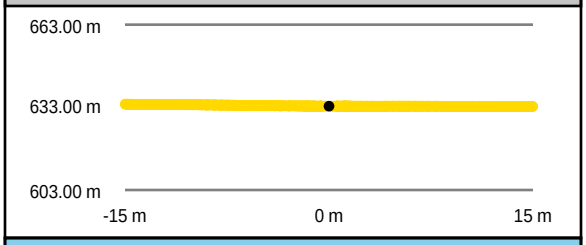
BE016				
	Known Z	633.41 m	Point Density	5.87 ppsm
	DEM Dz	0.01 m	Ground Density	5.87 ppsm
	Raw TIN Dz	0.01 m	Slope	1.17 °

Project Context

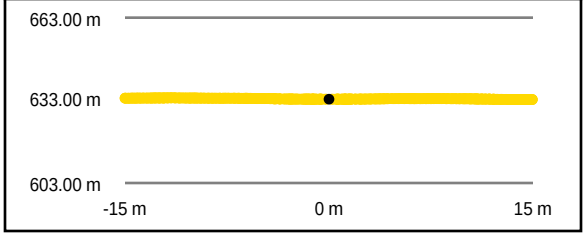


World Imagery

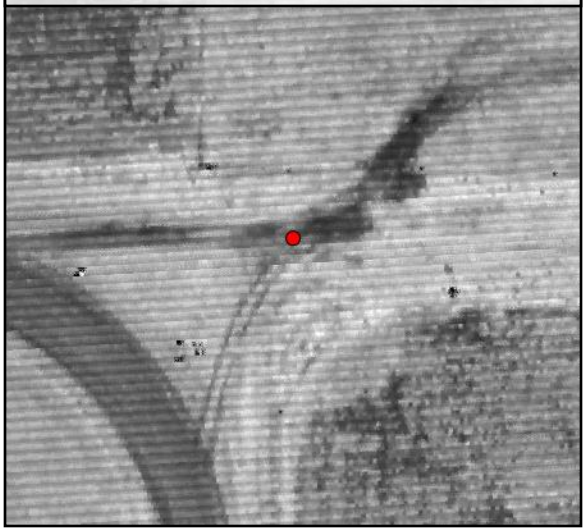
Southwest to Northeast



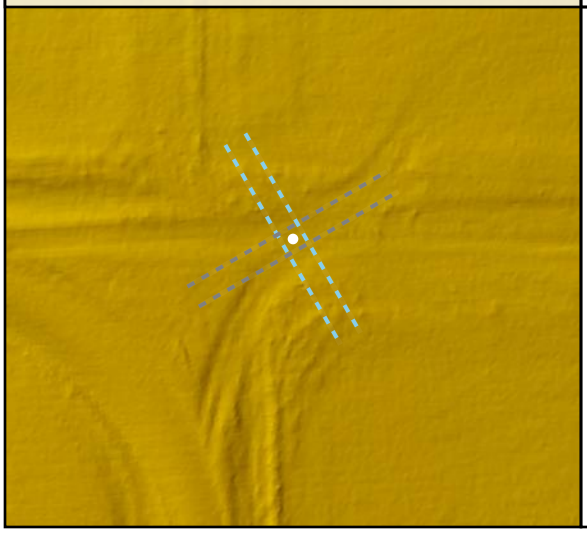
Southeast to Northwest



Intensity Raster

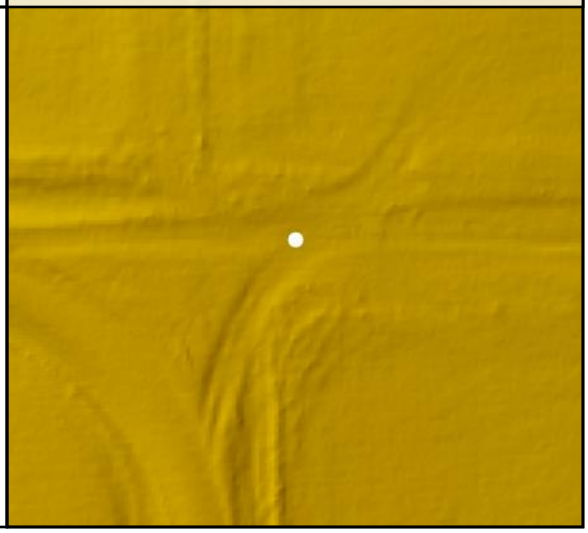


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

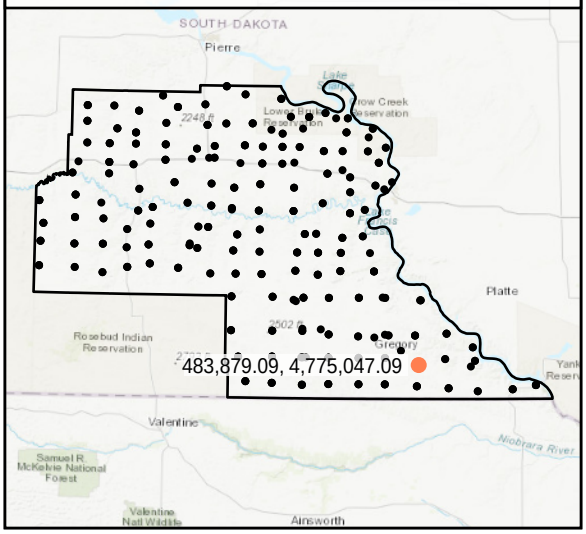
NVA - BE016

Raw TIN Dz +0.01 m

BE017

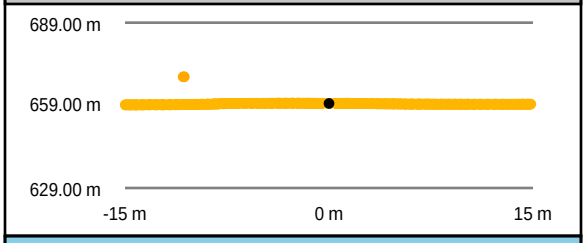
Known Z	659.69 m	Point Density	5.45 ppsm
DEM Dz	0.04 m	Ground Density	5.45 ppsm
Raw TIN Dz	0.04 m	Slope	2.59 °

Project Context

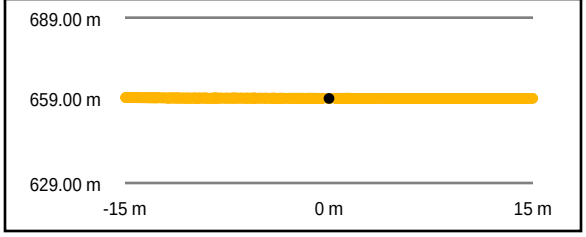


World Imagery

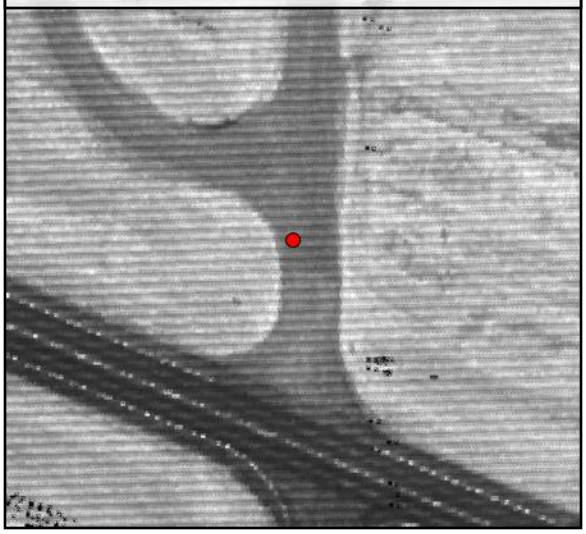
Southeast to Northwest



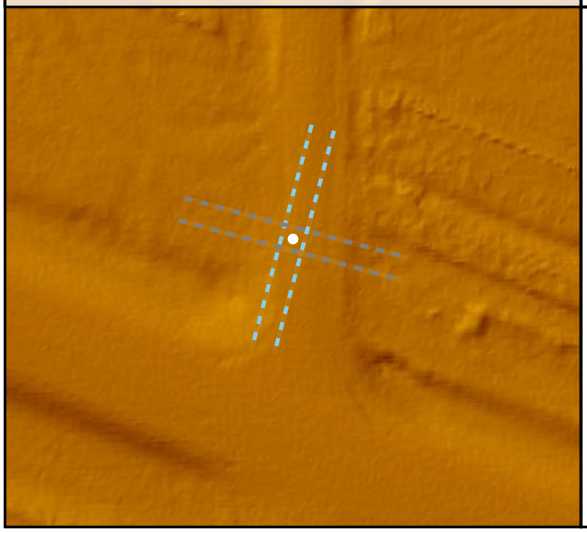
Southwest to Northeast



Intensity Raster

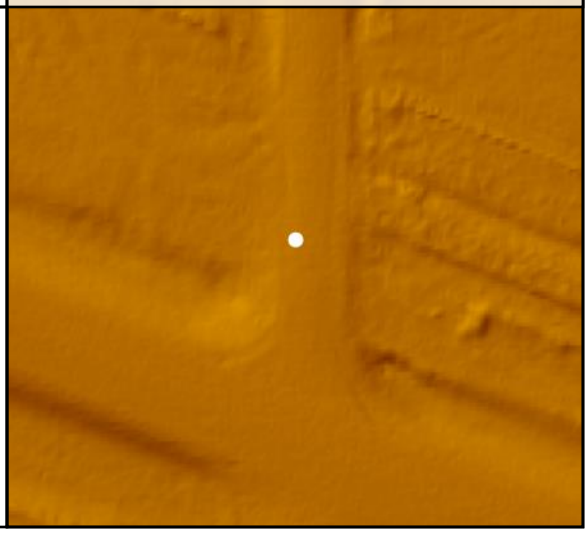


TIN Surface



Project Elevation

DEM Surface



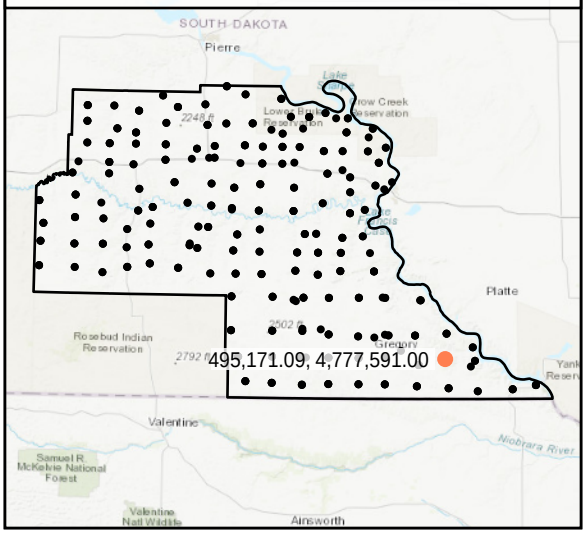
DEM Dz +0.04 m

NVA - BE017

Raw TIN Dz +0.04 m

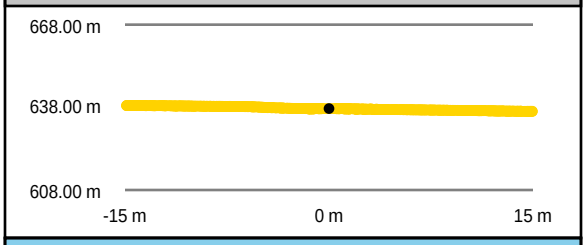
BE018				
Known Z	637.55 m	Point Density	6.54 ppsm
DEM Dz	-0.04 m	Ground Density	6.54 ppsm
Raw TIN Dz	-0.04 m	Slope	3.81 °

Project Context

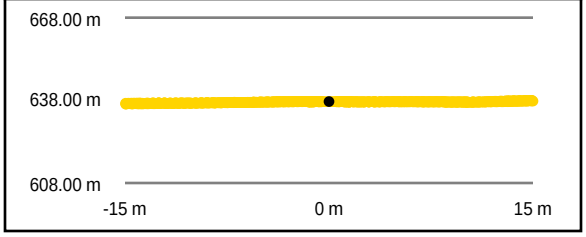


World Imagery

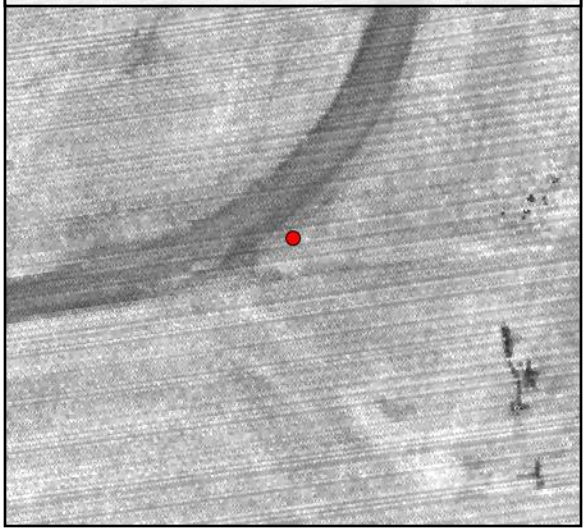
Southwest to Northeast



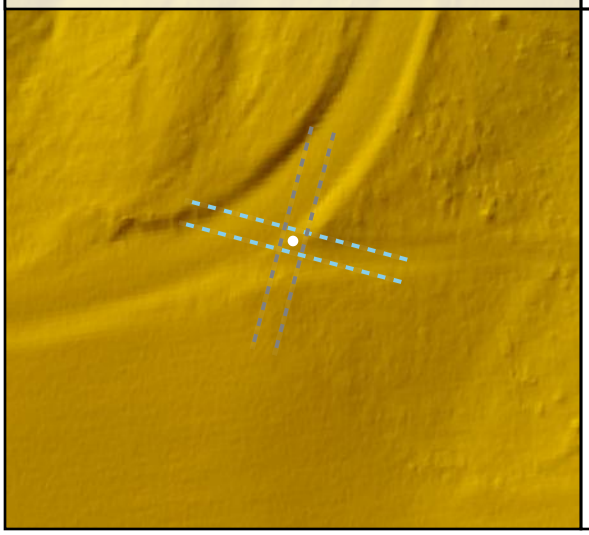
Southeast to Northwest



Intensity Raster



TIN Surface

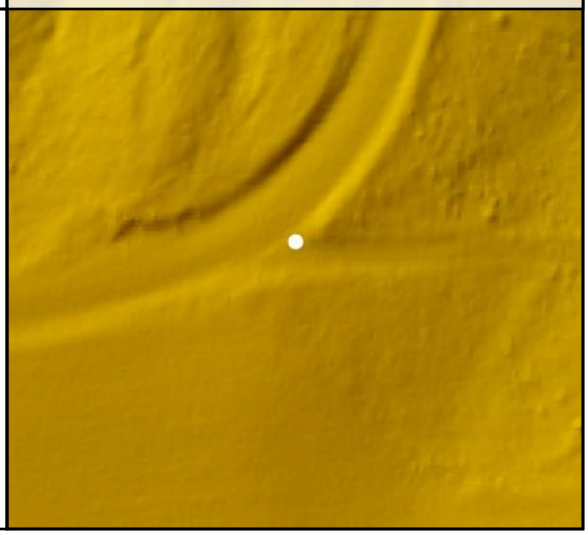


Project Elevation

795.78

413.64

DEM Surface



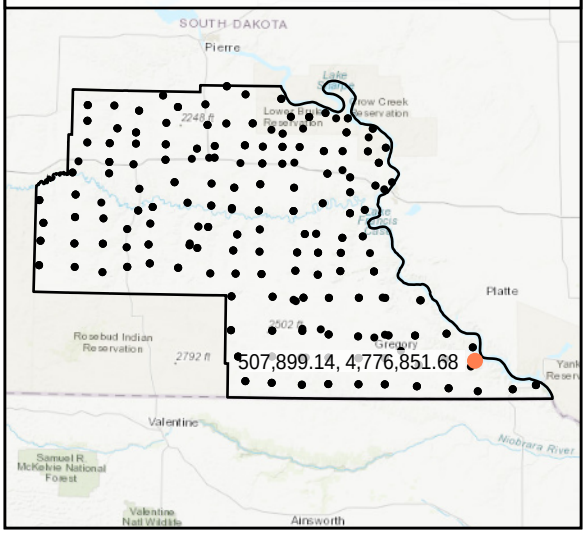
DEM Dz -0.04 m

NVA - BE018

Raw TIN Dz -0.04 m

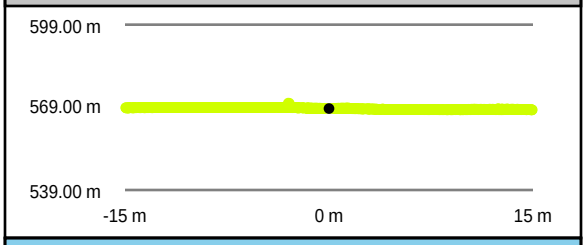
BE019				
Known Z	568.56 m	Point Density	6.65 ppsm
DEM Dz	0.06 m	Ground Density	6.58 ppsm
Raw TIN Dz	0.07 m	Slope	5.43 °

Project Context

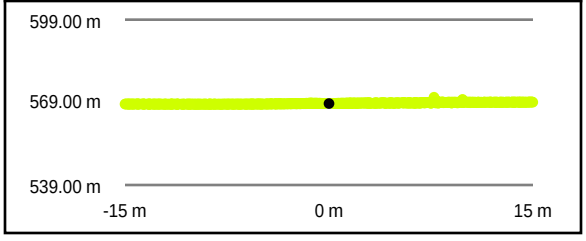


World Imagery

Southeast to Northwest

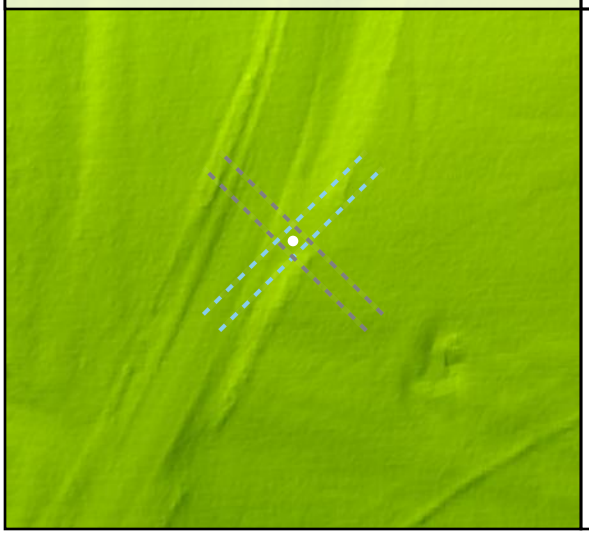


Southwest to Northeast



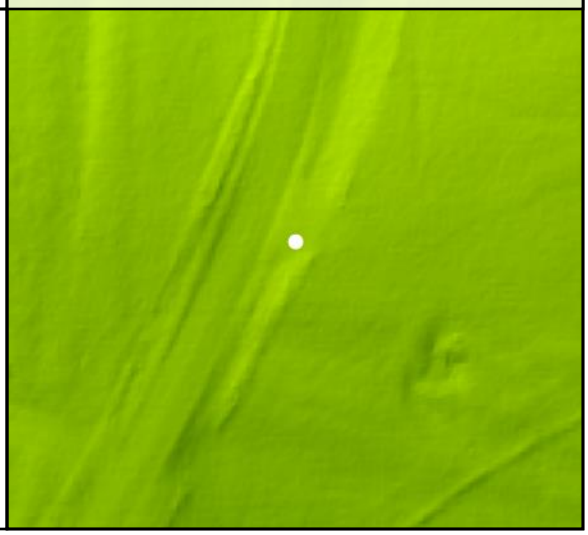
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



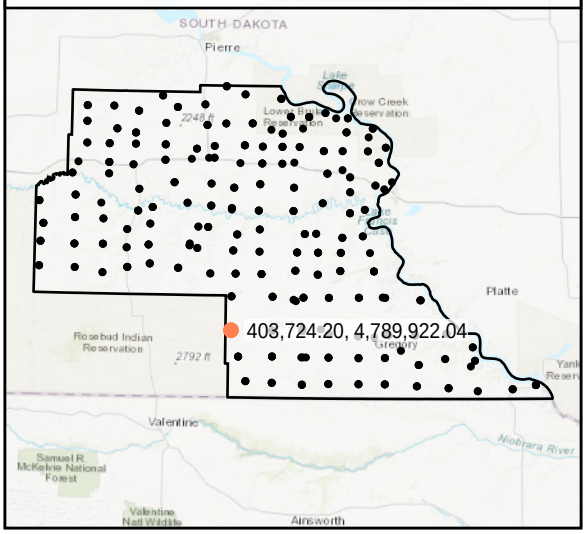
DEM Dz +0.06 m

NVA - BE019

Raw TIN Dz +0.07 m

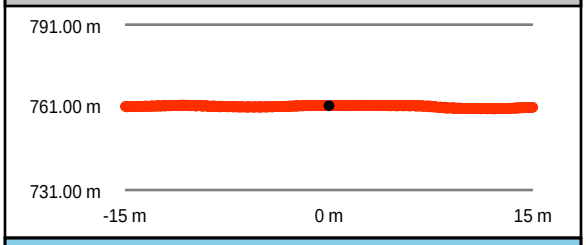
BE020				
	Known Z	761.62 m	Point Density	6.72 ppsm
	DEM Dz	0.02 m	Ground Density	6.72 ppsm
	Raw TIN Dz	0.02 m	Slope	2.34 °

Project Context

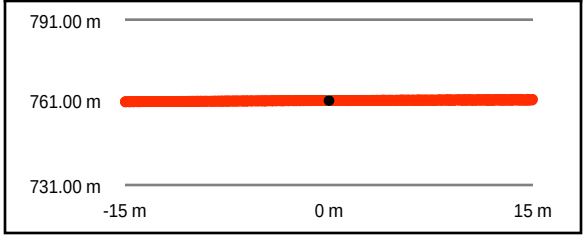


World Imagery

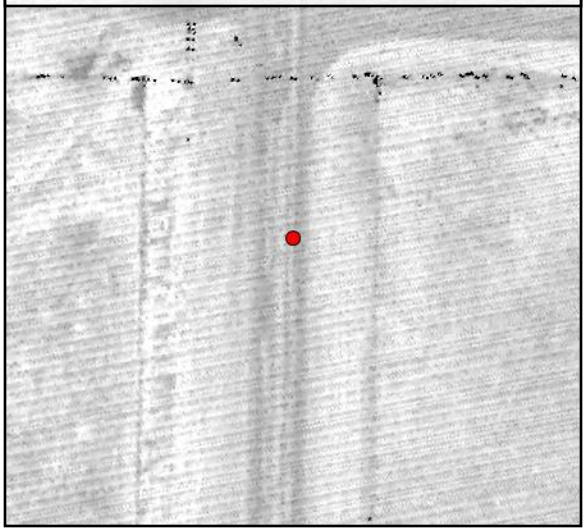
Southeast to Northwest



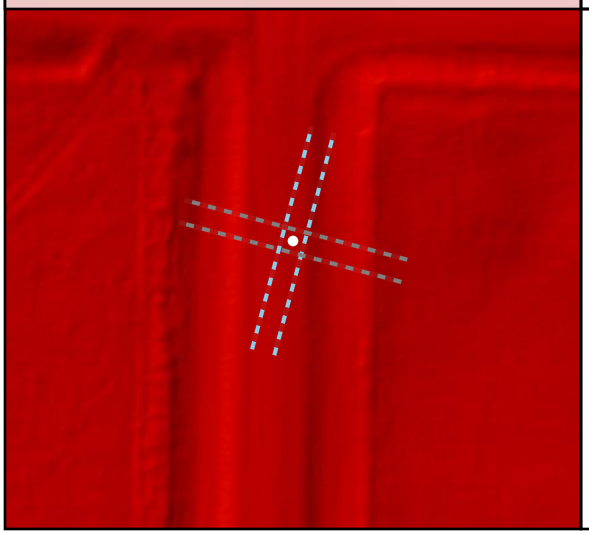
Southwest to Northeast



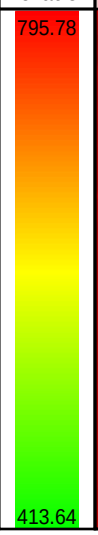
Intensity Raster



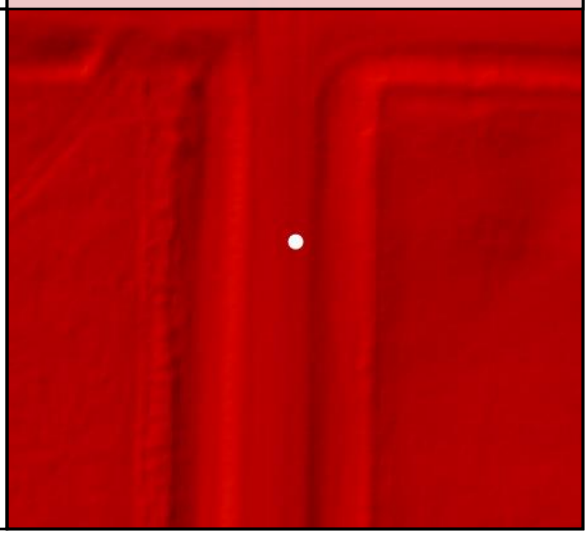
TIN Surface



Project Elevation



DEM Surface



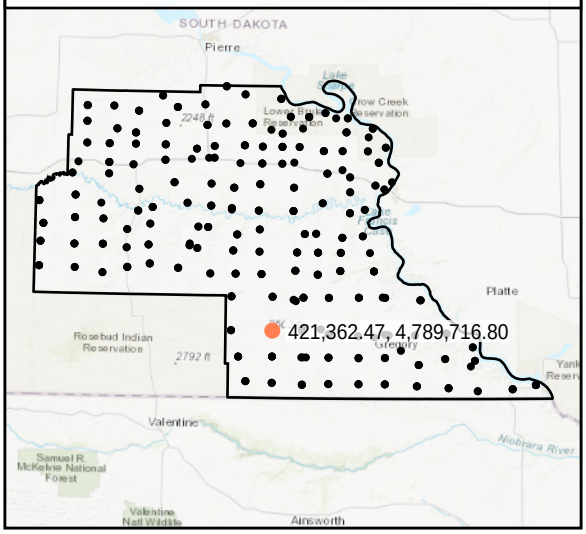
DEM Dz +0.02 m

NVA - BE020

Raw TIN Dz +0.02 m

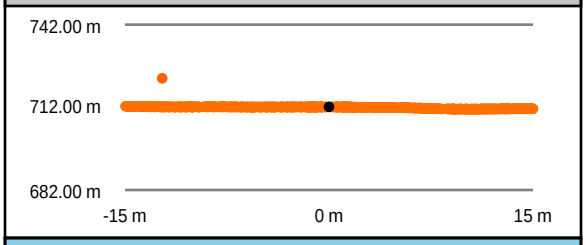
BE021				
	Known Z	712.17 m	Point Density	4.67 ppsm
	DEM Dz	-0.04 m	Ground Density	4.67 ppsm
	Raw TIN Dz	-0.03 m	Slope	1.47 °

Project Context

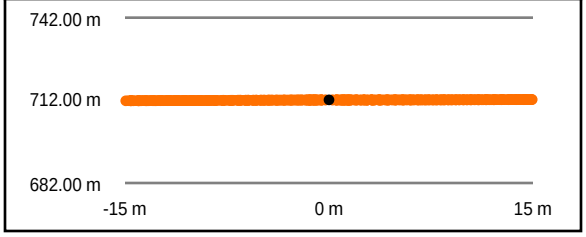


World Imagery

Southwest to Northeast

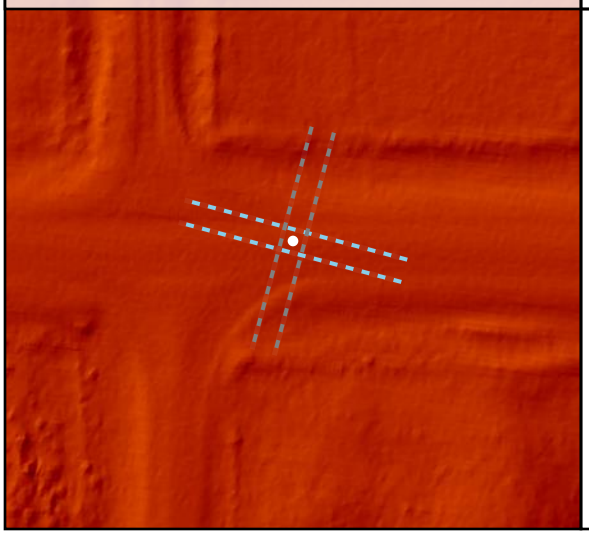


Southeast to Northwest



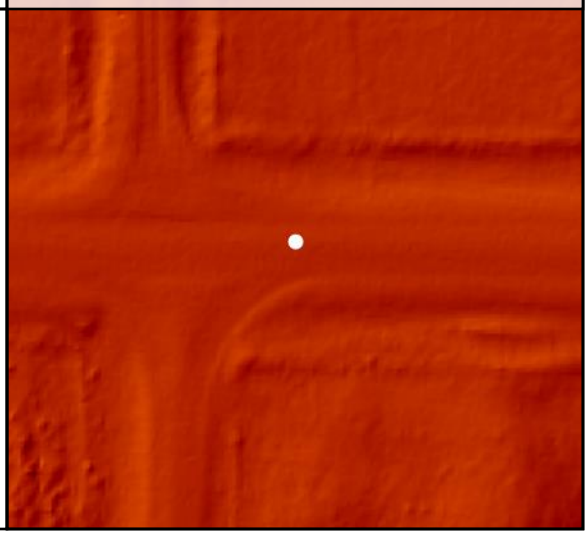
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



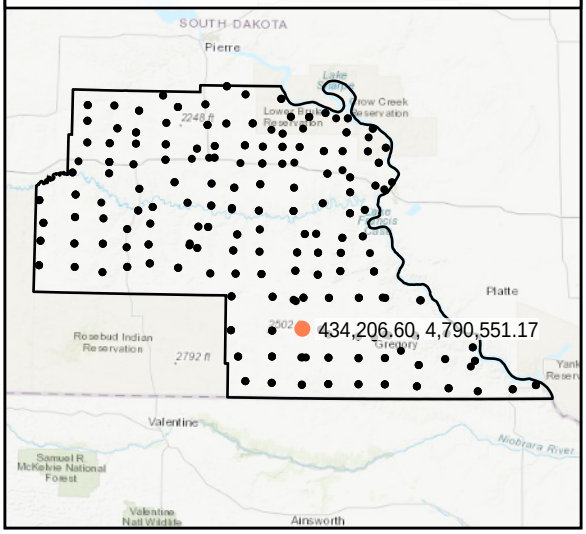
DEM Dz -0.04 m

NVA - BE021

Raw TIN Dz -0.03 m

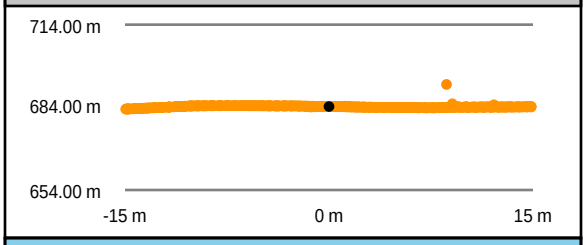
BE022				
	Known Z	684.29 m	Point Density	4.81 ppsm
	DEM Dz	0.00 m	Ground Density	4.81 ppsm
	Raw TIN Dz	0.00 m	Slope	5.11 °

Project Context

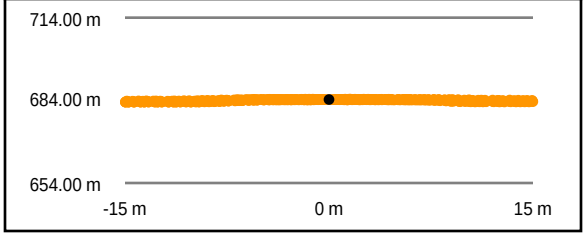


World Imagery

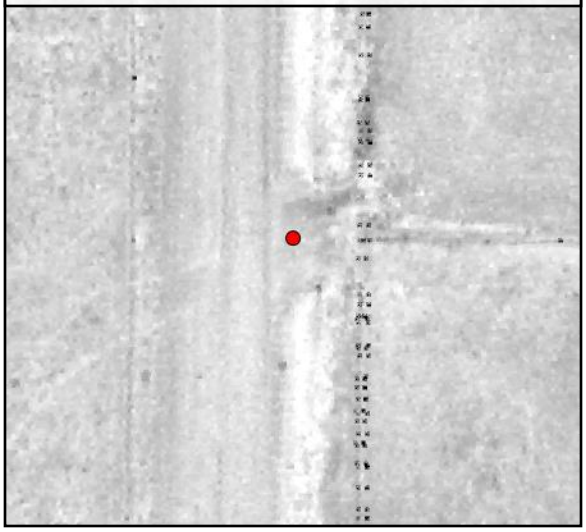
West to East



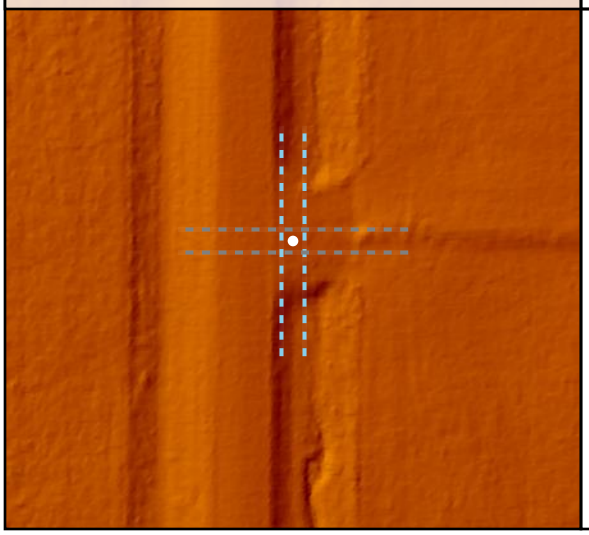
South to North



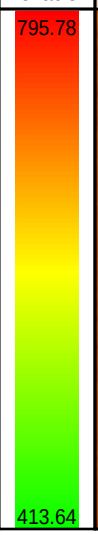
Intensity Raster



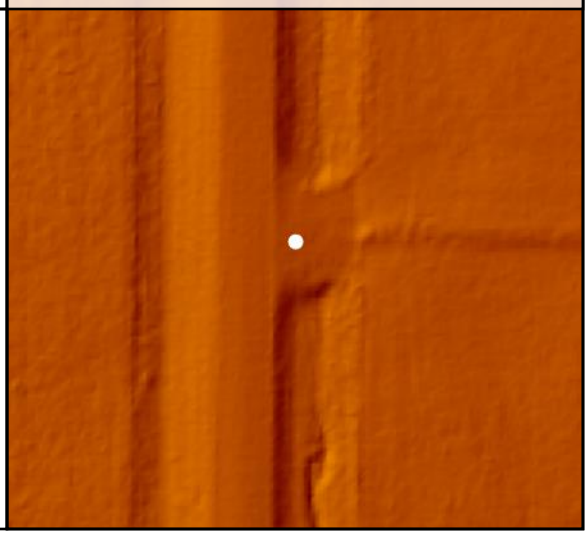
TIN Surface



Project Elevation



DEM Surface



DEM Dz 0.00 m

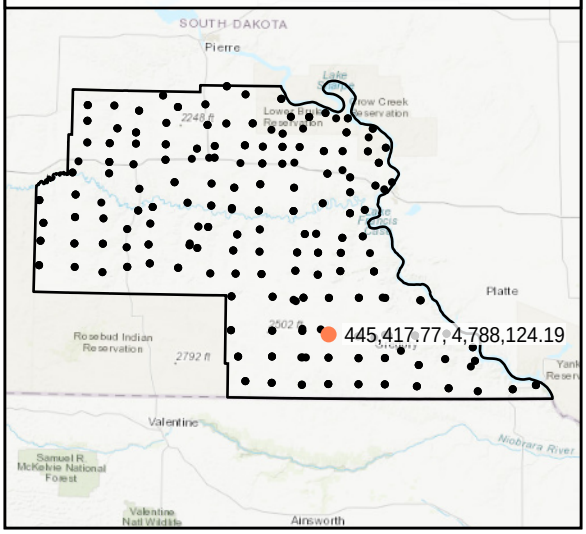
NVA - BE022

Raw TIN Dz 0.00 m

BE023

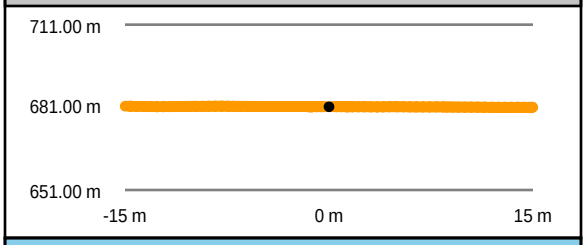
Known Z	681.21 m	Point Density	5.55 ppsm
DEM Dz	0.01 m	Ground Density	5.55 ppsm
Raw TIN Dz	0.01 m	Slope	1.23 °

Project Context

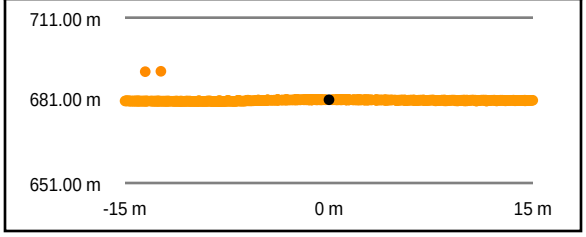


World Imagery

Southwest to Northeast

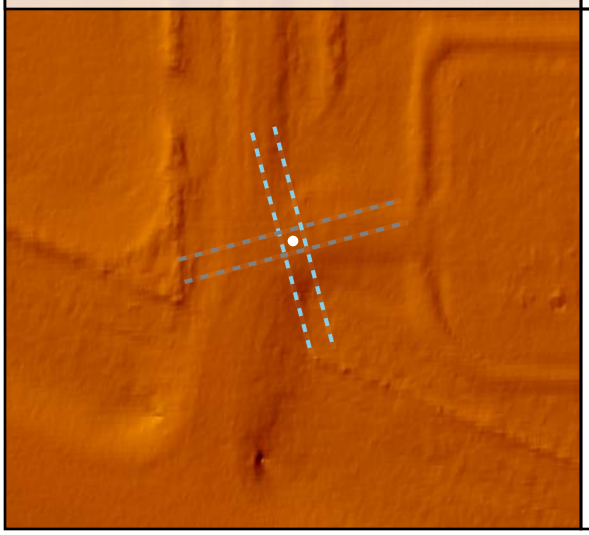


Southeast to Northwest



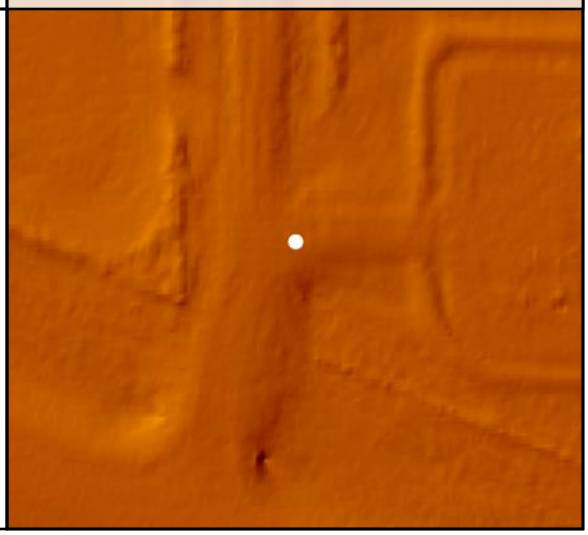
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



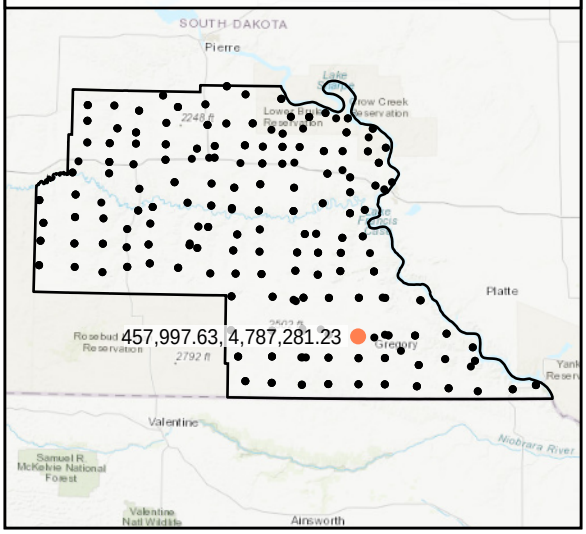
DEM Dz +0.01 m

NVA - BE023

Raw TIN Dz +0.01 m

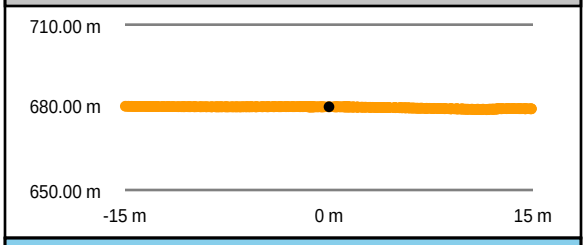
BE024				
	Known Z	680.19 m	Point Density	4.53 ppsm
	DEM Dz	0.00 m	Ground Density	4.53 ppsm
	Raw TIN Dz	0.00 m	Slope	3.41 °

Project Context

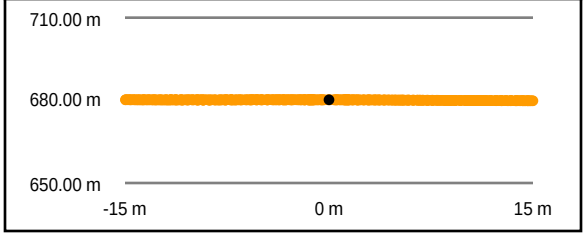


World Imagery

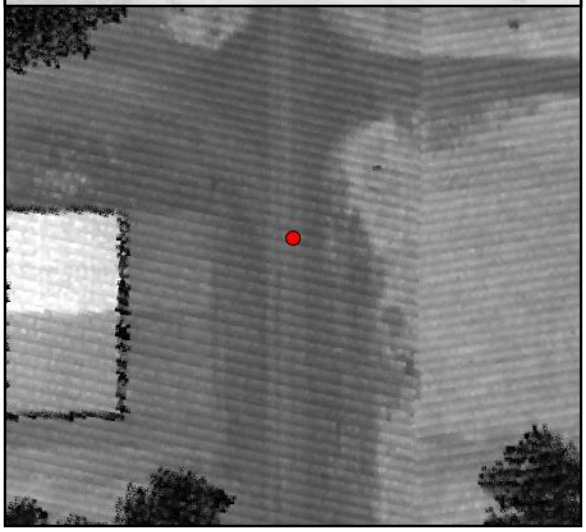
Southwest to Northeast



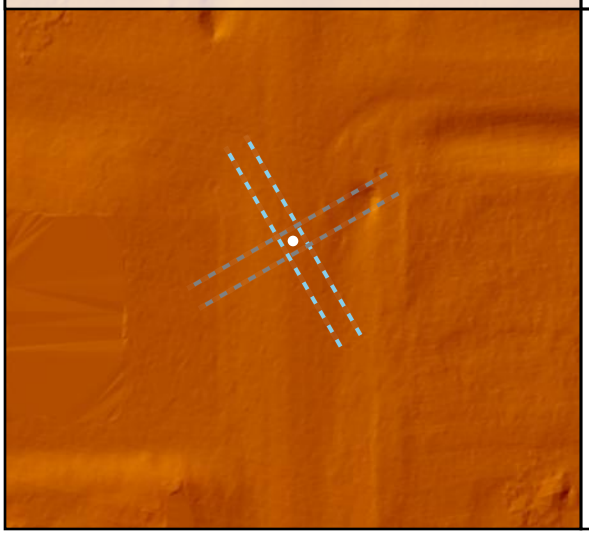
Southeast to Northwest



Intensity Raster

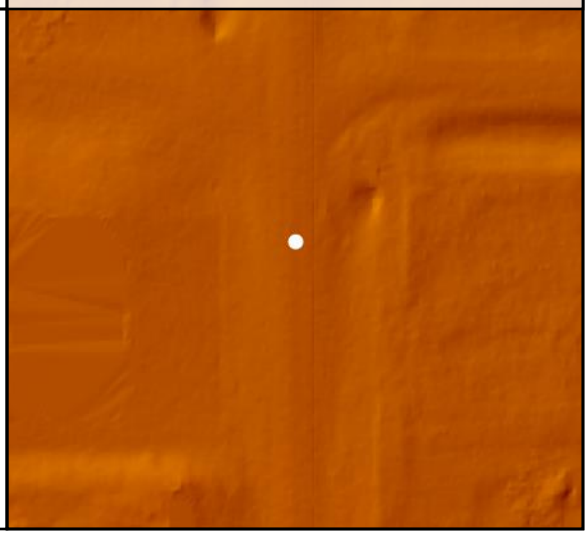


TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

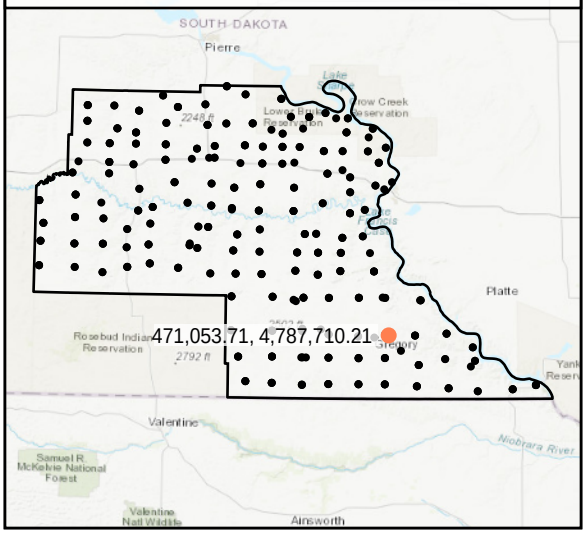
NVA - BE024

Raw TIN Dz +0.00 m

BE025

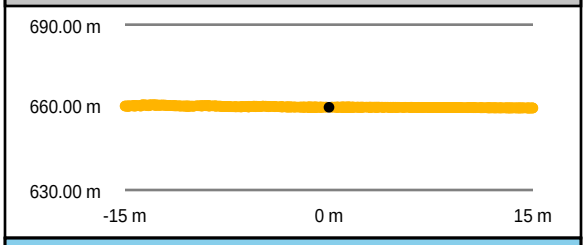
Known Z	660.02 m	Point Density	5.16 ppsm
DEM Dz	0.05 m	Ground Density	5.16 ppsm
Raw TIN Dz	0.05 m	Slope	0.56 °

Project Context

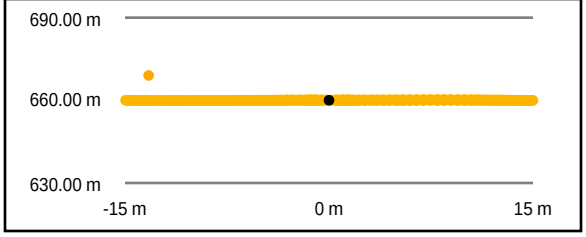


World Imagery

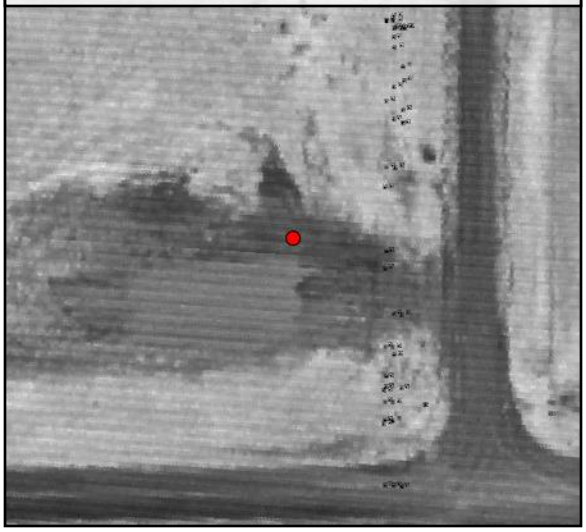
Southwest to Northeast



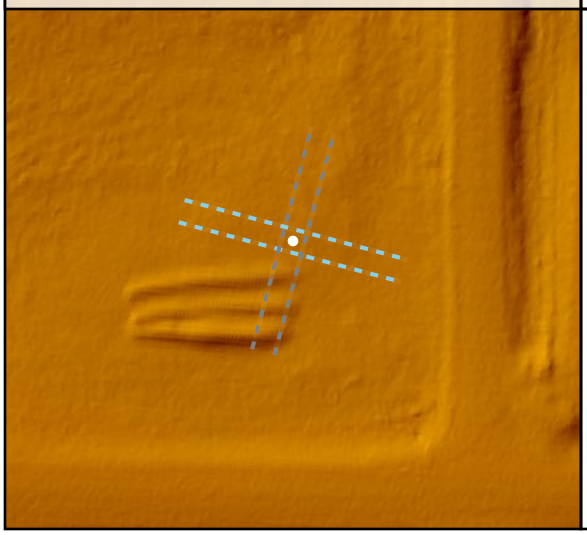
Southeast to Northwest



Intensity Raster

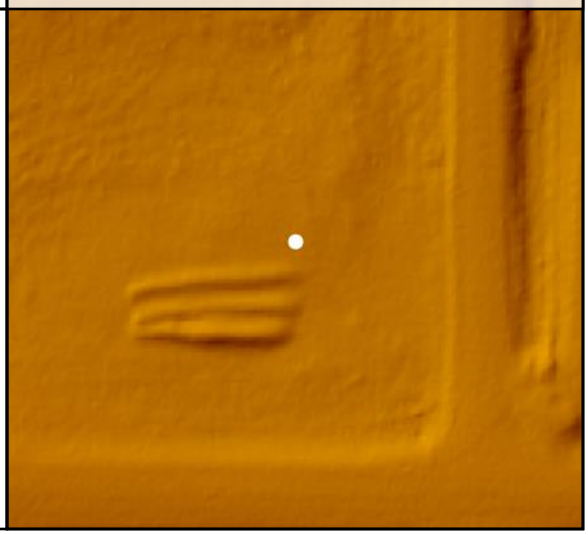


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

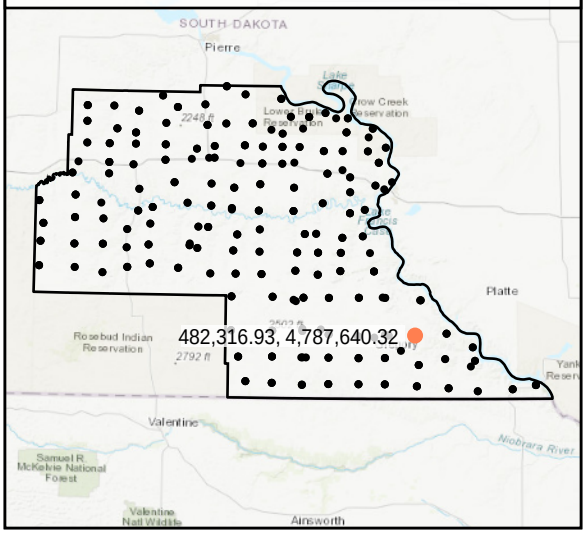
NVA - BE025

Raw TIN Dz +0.05 m

BE026

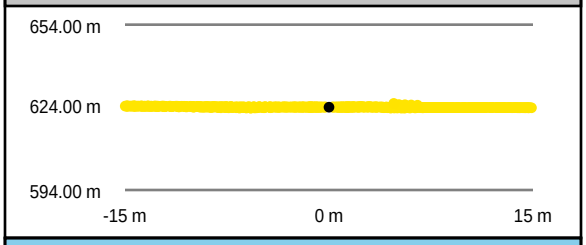
Known Z	624.05 m	Point Density	5.38 ppsm
DEM Dz	0.05 m	Ground Density	5.34 ppsm
Raw TIN Dz	0.05 m	Slope	2.90 °

Project Context

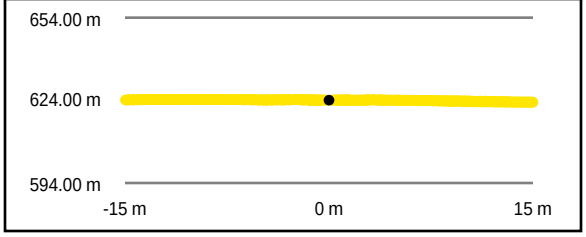


World Imagery

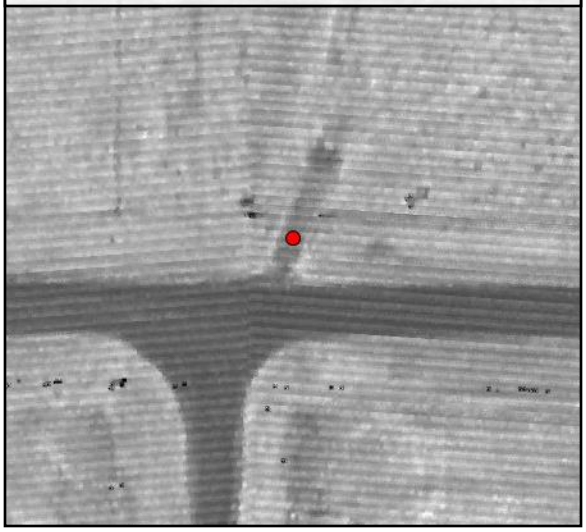
Southwest to Northeast



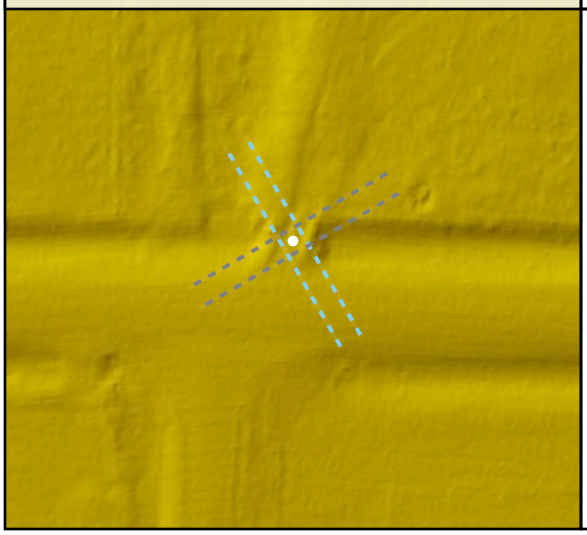
Southeast to Northwest



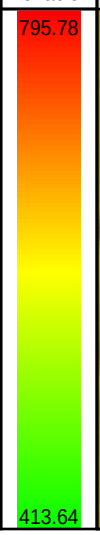
Intensity Raster



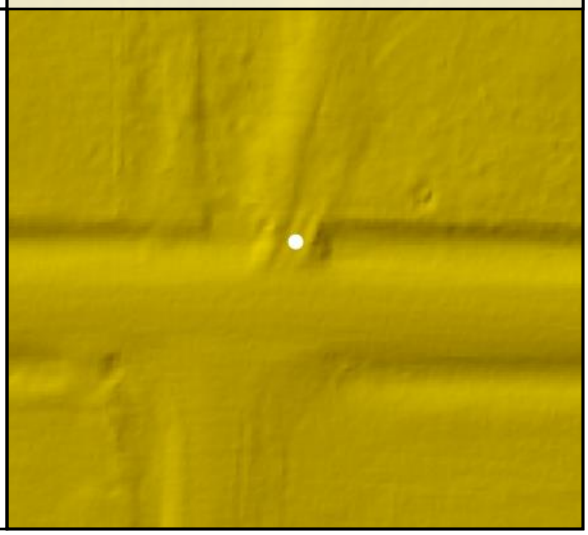
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.05 m

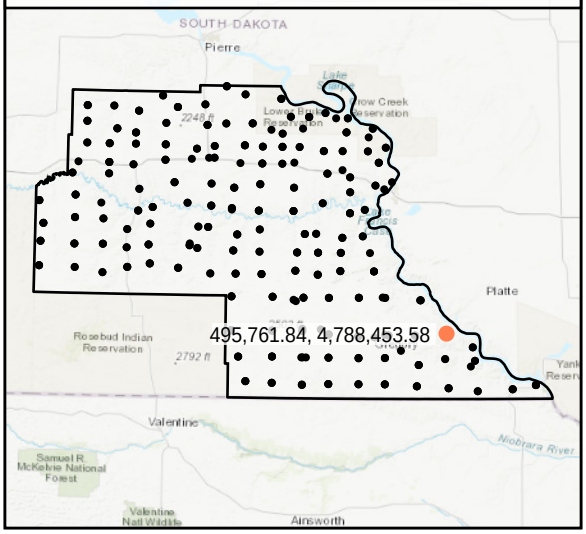
NVA - BE026

Raw TIN Dz +0.05 m

BE027

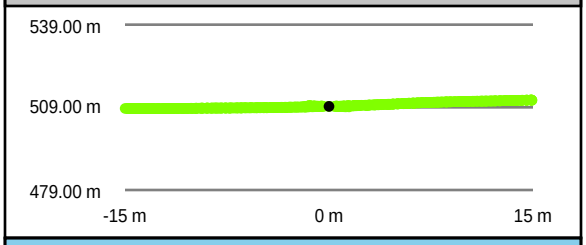
Known Z	509.34 m	Point Density	4.95 ppsm
DEM Dz	0.02 m	Ground Density	4.95 ppsm
Raw TIN Dz	0.03 m	Slope	8.95 °

Project Context

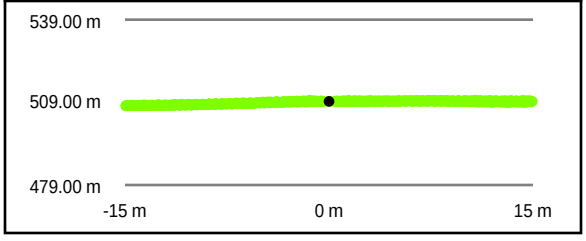


World Imagery

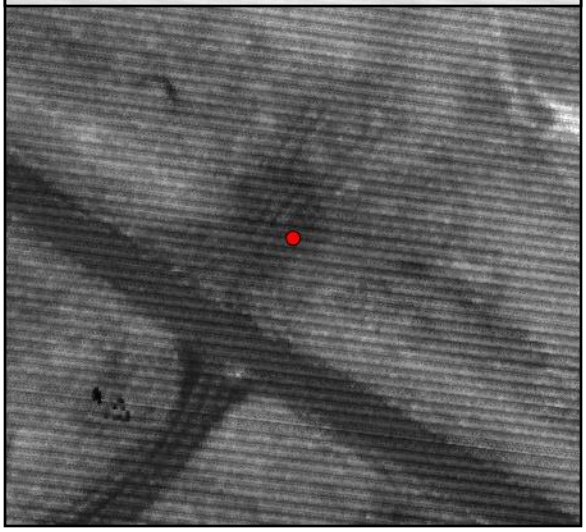
Southwest to Northeast



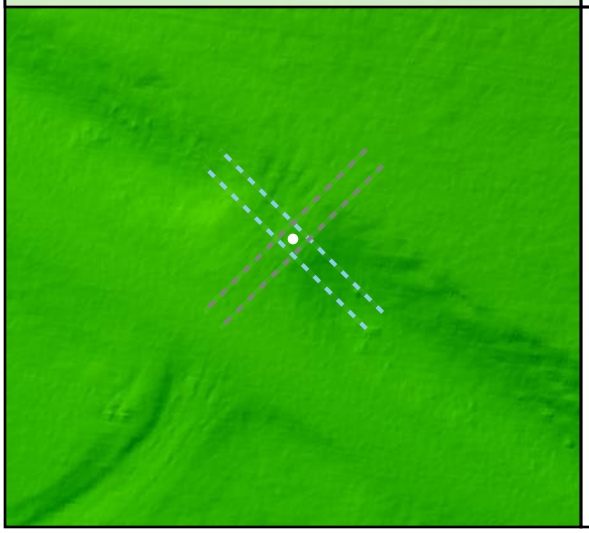
Southeast to Northwest



Intensity Raster

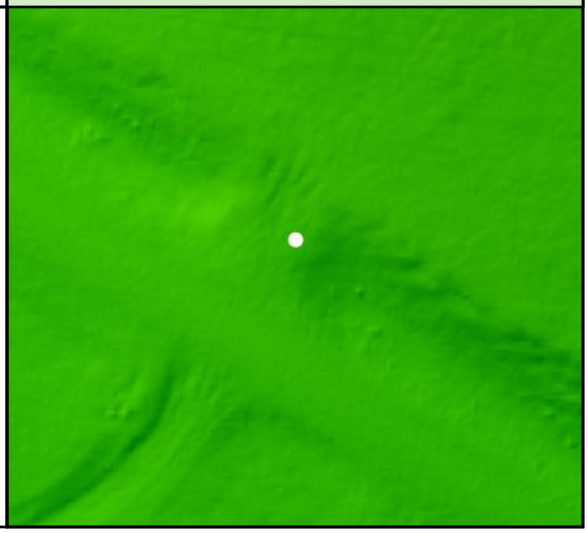


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

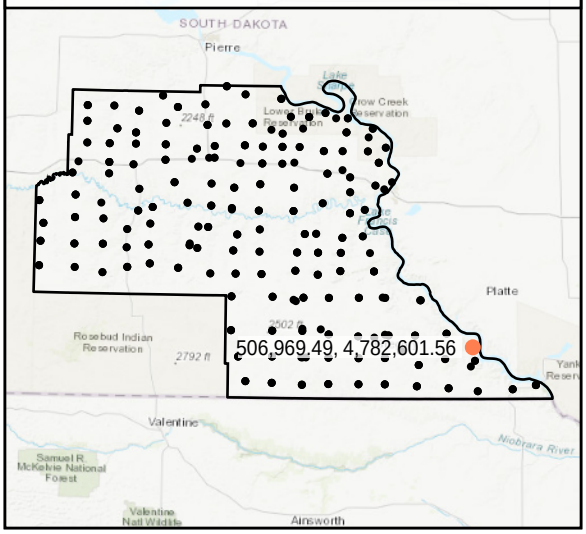
NVA - BE027

Raw TIN Dz +0.03 m

BE028

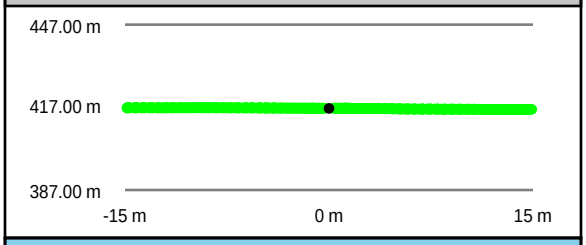
Known Z	416.61 m	Point Density	4.88 ppsm
DEM Dz	0.07 m	Ground Density	4.88 ppsm
Raw TIN Dz	0.07 m	Slope	1.53 °

Project Context

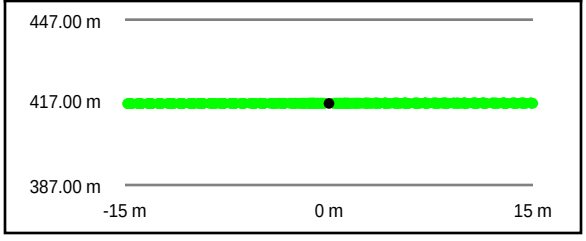


World Imagery

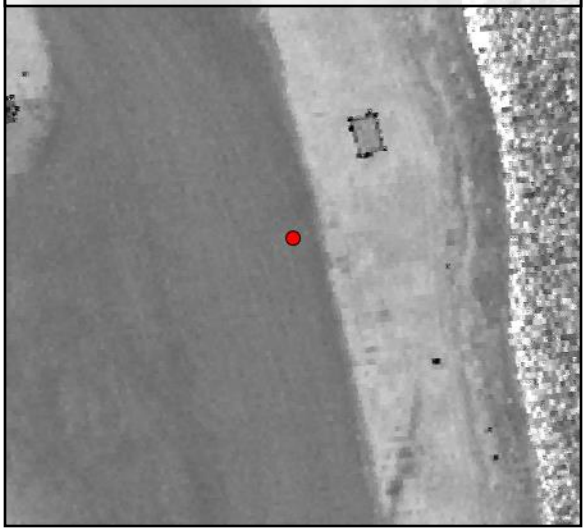
West to East



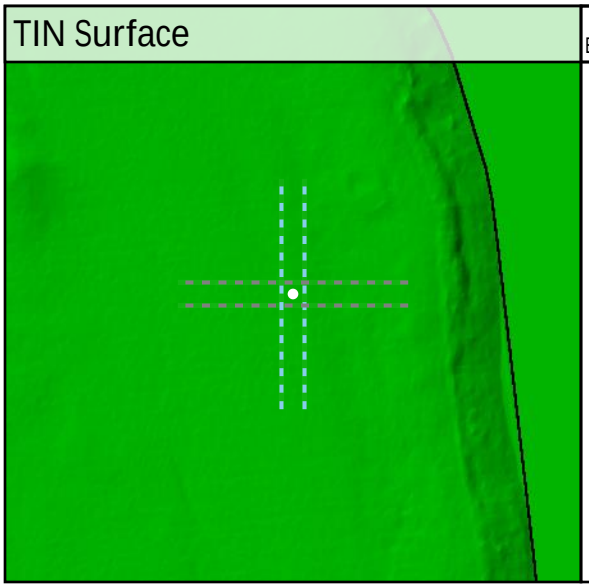
South to North



Intensity Raster

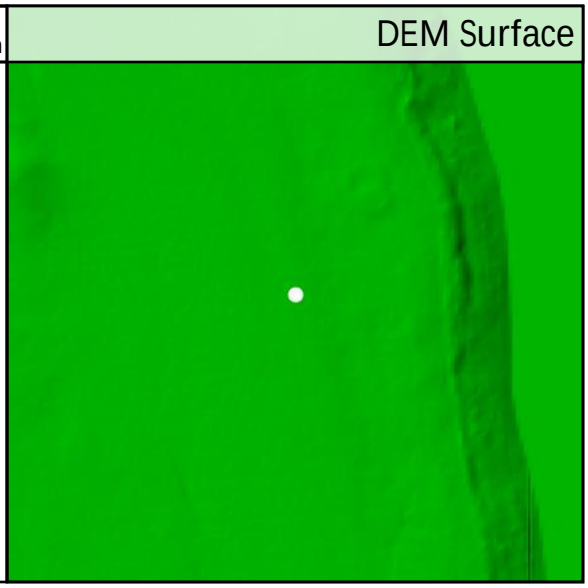


TIN Surface



Project Elevation

DEM Surface



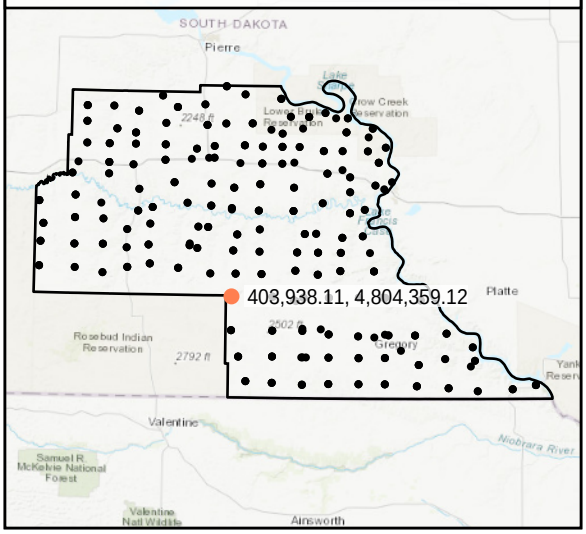
DEM Dz +0.07 m

NVA - BE028

Raw TIN Dz +0.07 m

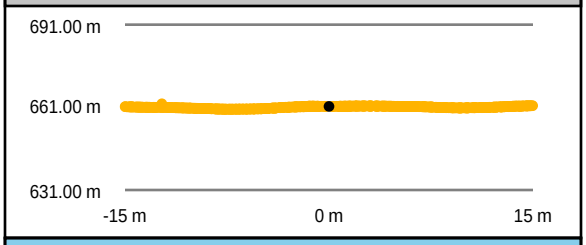
BE029				
Known Z	661.33 m	Point Density	6.30 ppsm
DEM Dz	0.03 m	Ground Density	6.30 ppsm
Raw TIN Dz	0.03 m	Slope	4.42 °

Project Context

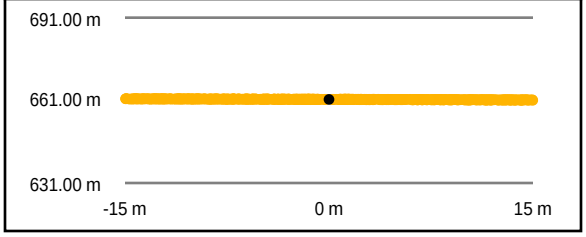


World Imagery

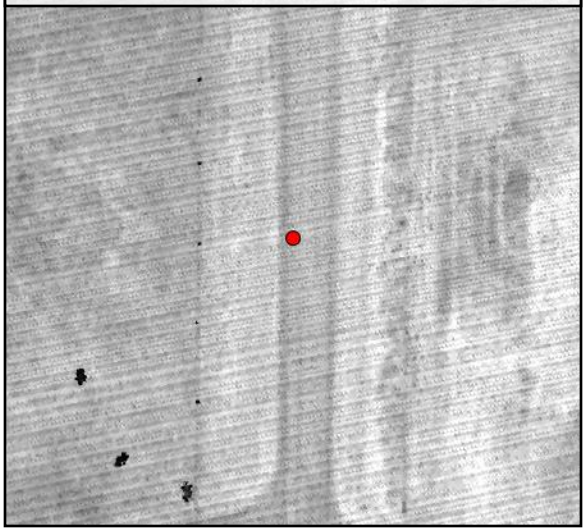
West to East



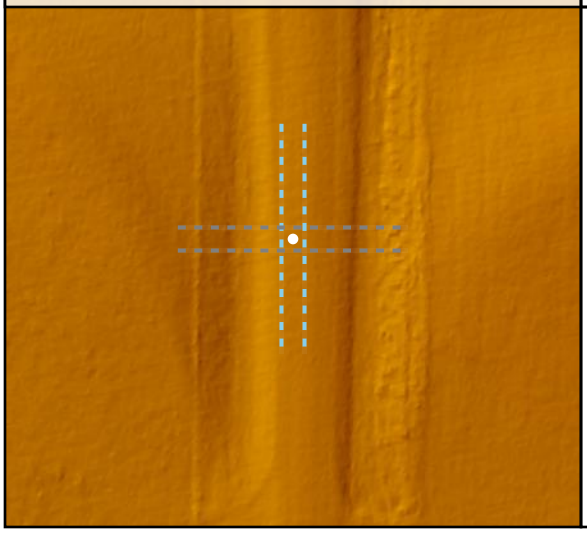
South to North



Intensity Raster

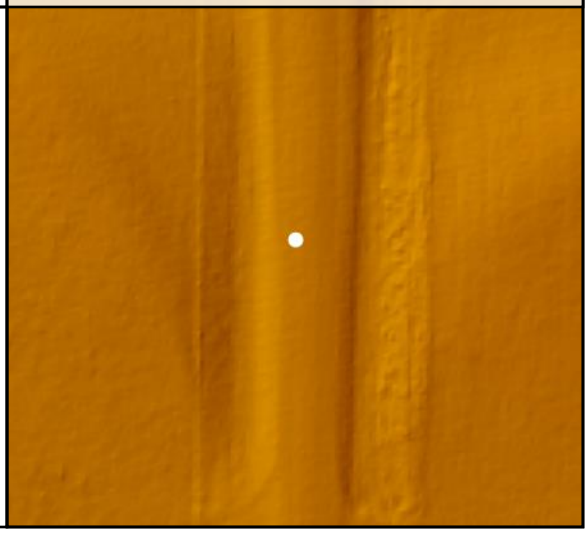


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

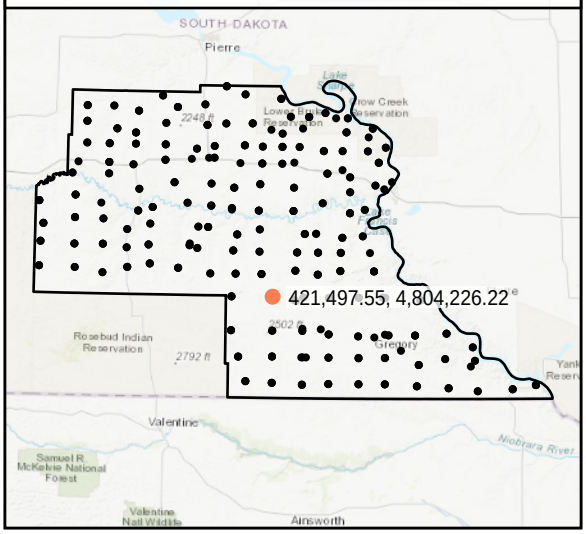
NVA - BE029

Raw TIN Dz +0.03 m

BE030

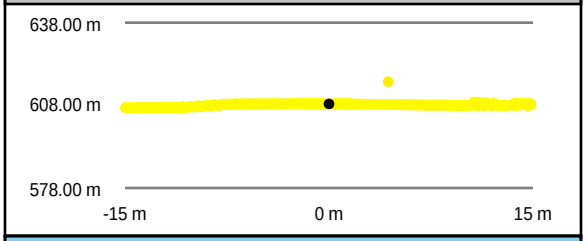
Known Z	608.51 m	Point Density	5.16 ppsm
DEM Dz	0.00 m	Ground Density	5.16 ppsm
Raw TIN Dz	0.00 m	Slope	2.78 °

Project Context

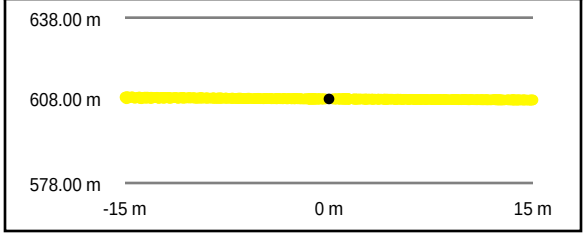


World Imagery

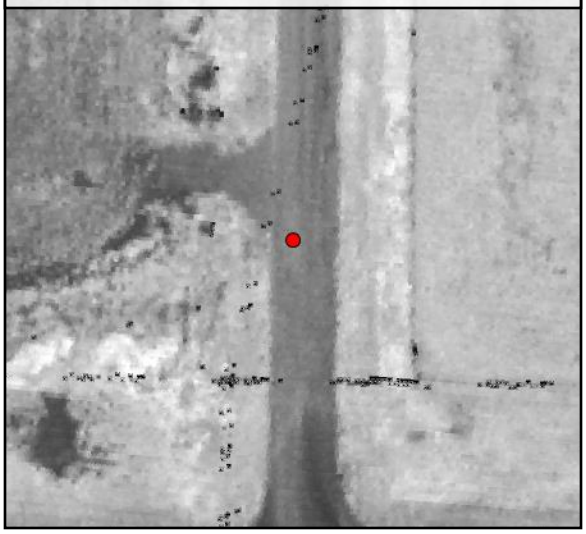
Southeast to Northwest



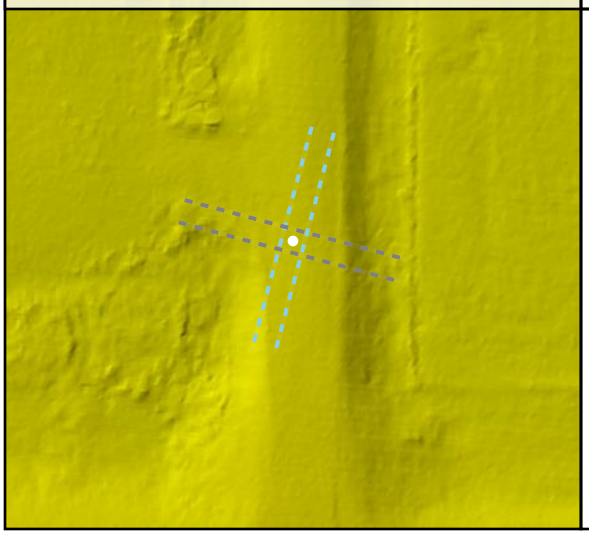
Southwest to Northeast



Intensity Raster

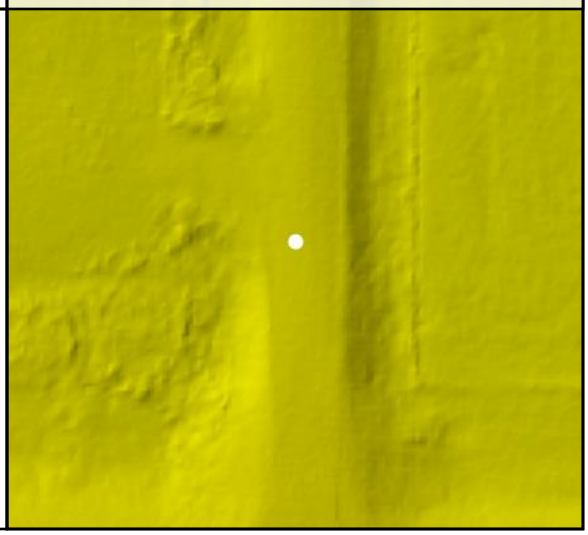


TIN Surface



Project Elevation

DEM Surface



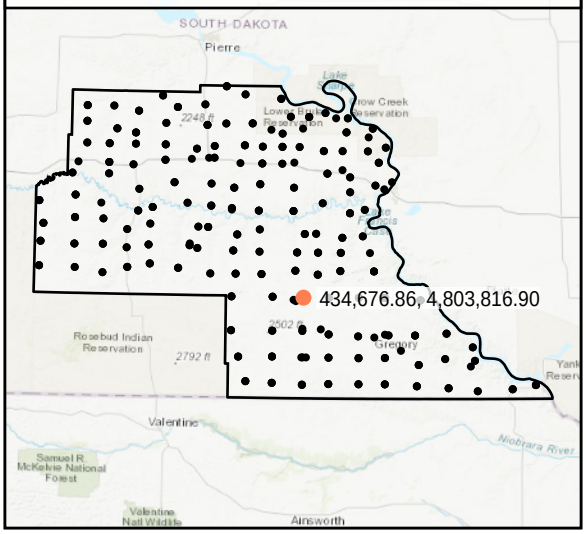
DEM Dz 0.00 m

NVA - BE030

Raw TIN Dz +0.00 m

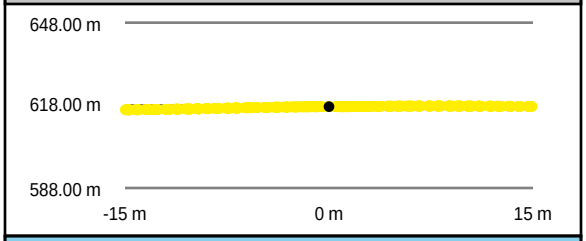
BE031				
Known Z	617.52 m	Point Density	5.02 ppsm
DEM Dz	-0.01 m	Ground Density	5.02 ppsm
Raw TIN Dz	0.00 m	Slope	2.51 °

Project Context

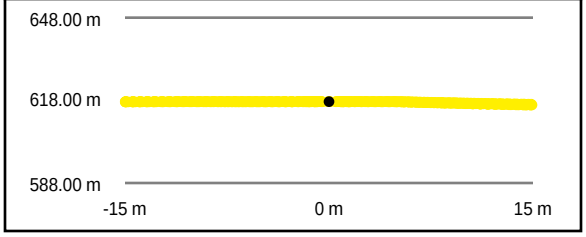


World Imagery

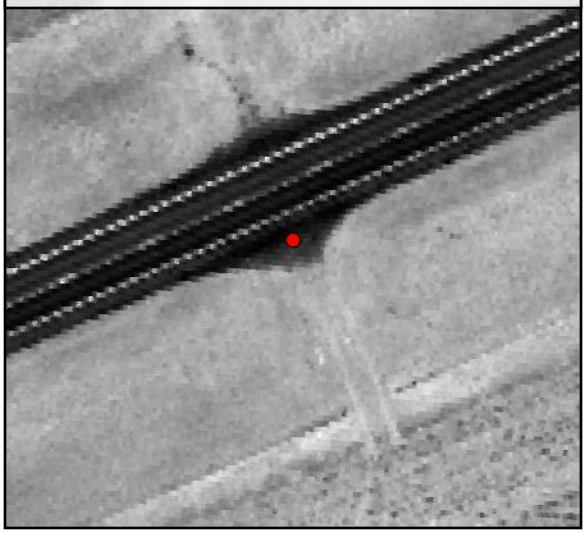
South to North



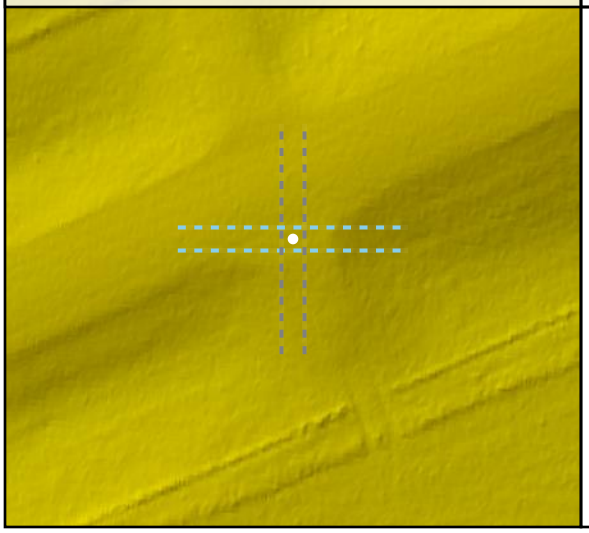
West to East



Intensity Raster

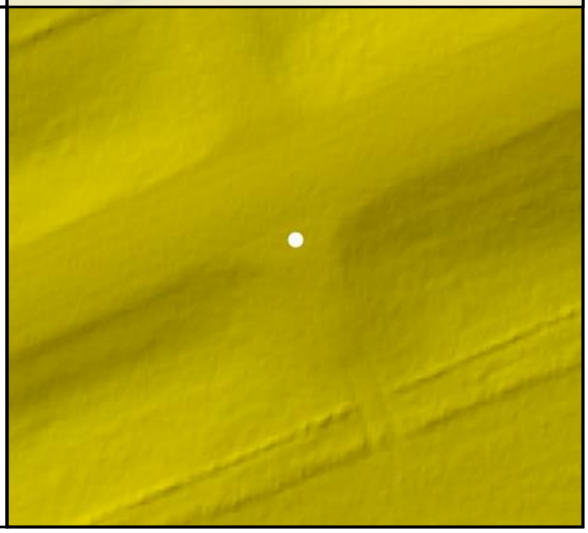


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

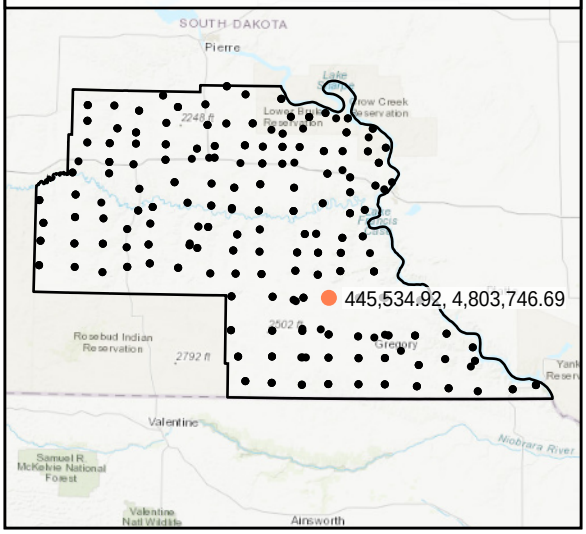
NVA - BE031

Raw TIN Dz 0.00 m

BE032

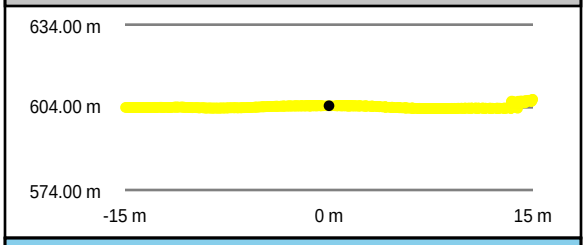
Known Z	604.57 m	Point Density	5.55 ppsm
DEM Dz	-0.01 m	Ground Density	5.55 ppsm
Raw TIN Dz	-0.01 m	Slope	1.67 °

Project Context

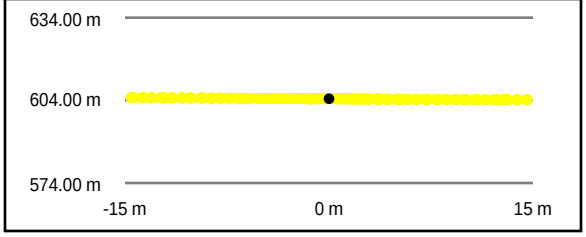


World Imagery

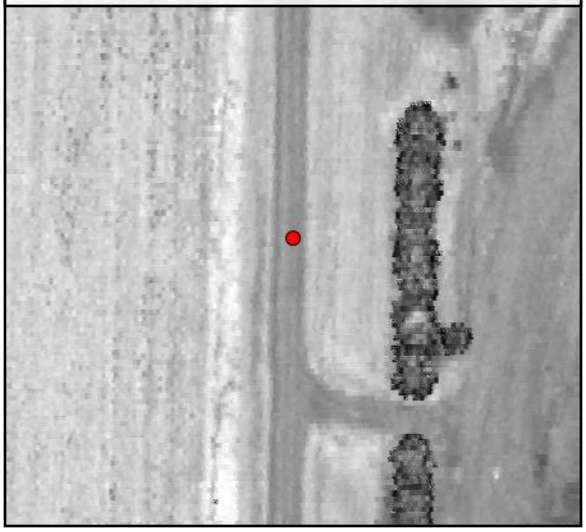
West to East



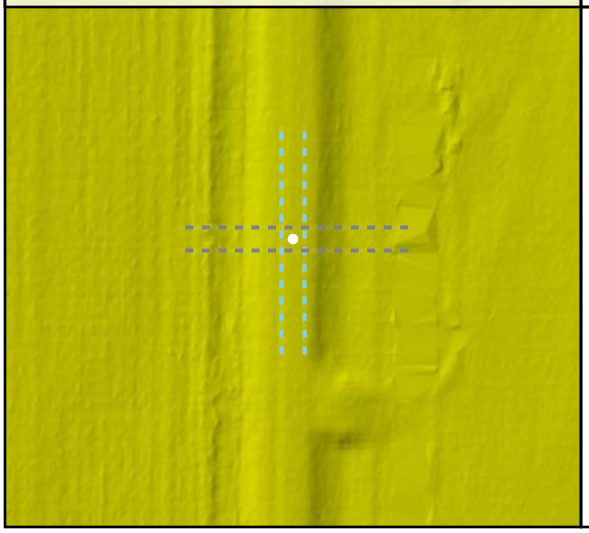
South to North



Intensity Raster

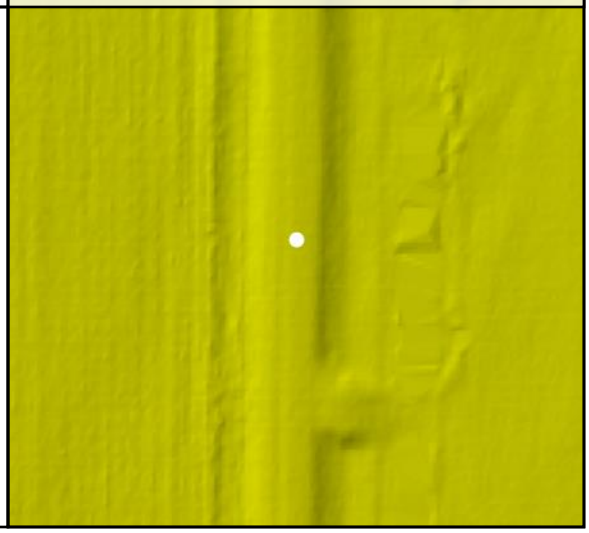


TIN Surface



Project Elevation

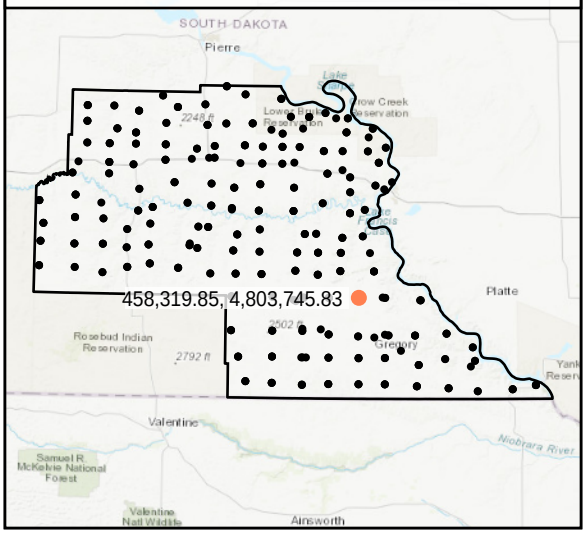
DEM Surface



BE033

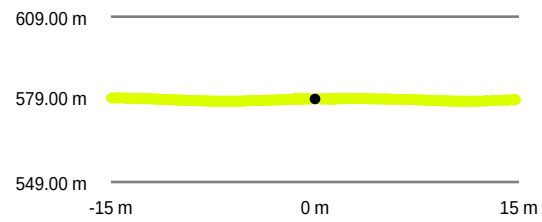
Known Z	579.14 m	Point Density	5.09 ppsm
DEM Dz	0.01 m	Ground Density	5.09 ppsm
Raw TIN Dz	0.01 m	Slope	3.67 °

Project Context

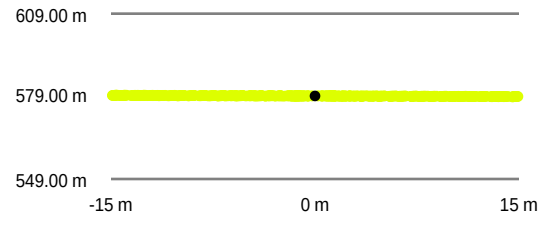


World Imagery

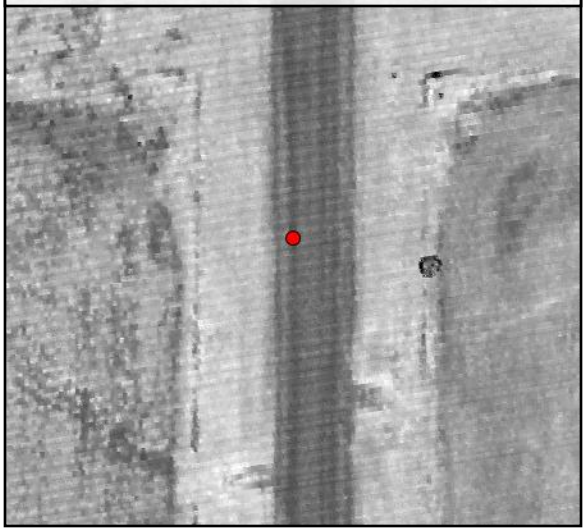
West to East



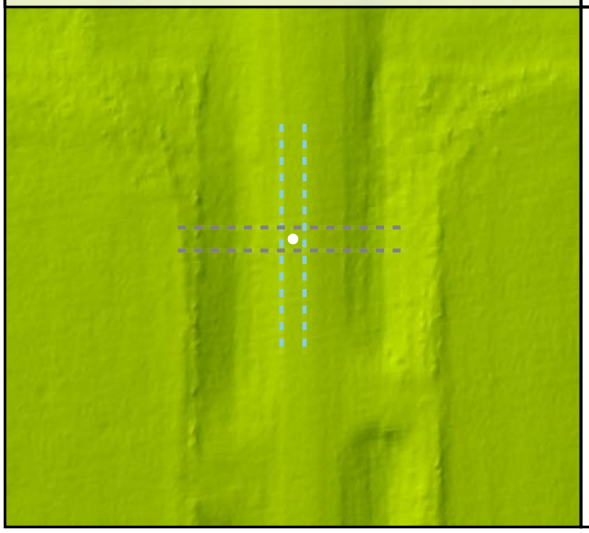
South to North



Intensity Raster

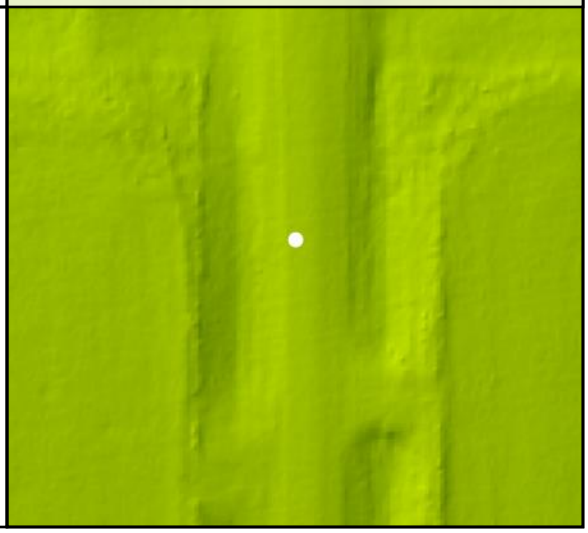


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

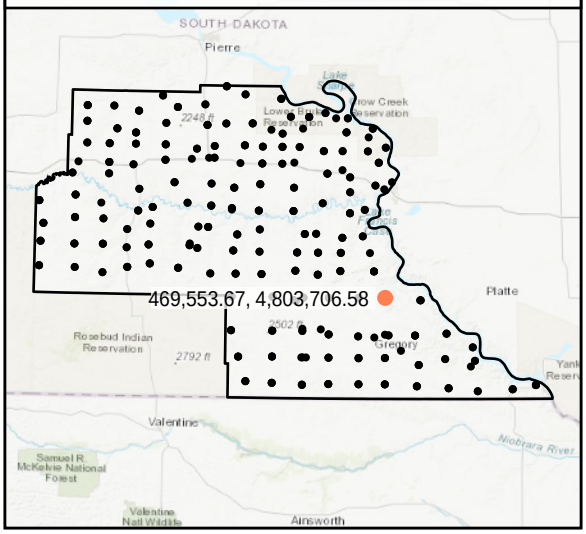
NVA - BE033

Raw TIN Dz +0.01 m

BE034

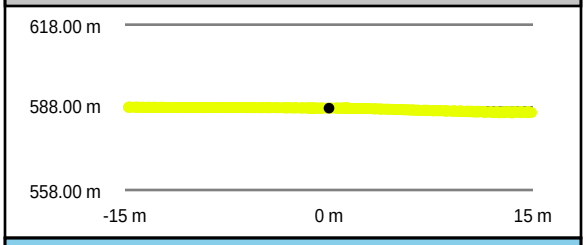
Known Z	587.70 m	Point Density	4.88 ppsm
DEM Dz	0.03 m	Ground Density	4.88 ppsm
Raw TIN Dz	0.02 m	Slope	2.89 °

Project Context

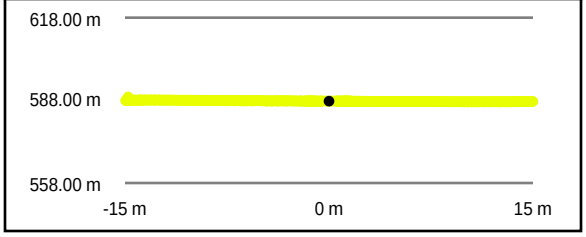


World Imagery

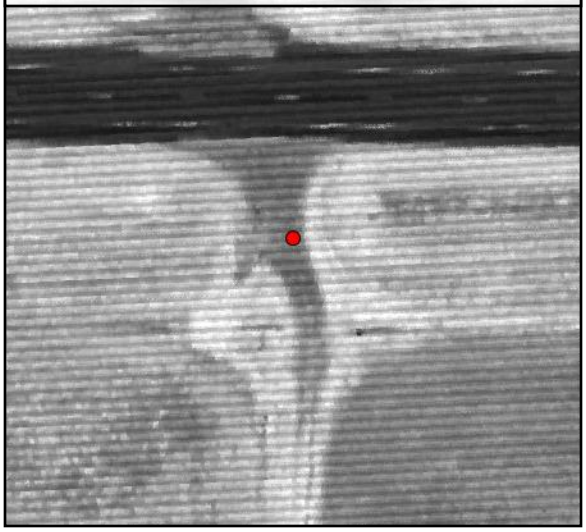
Southwest to Northeast



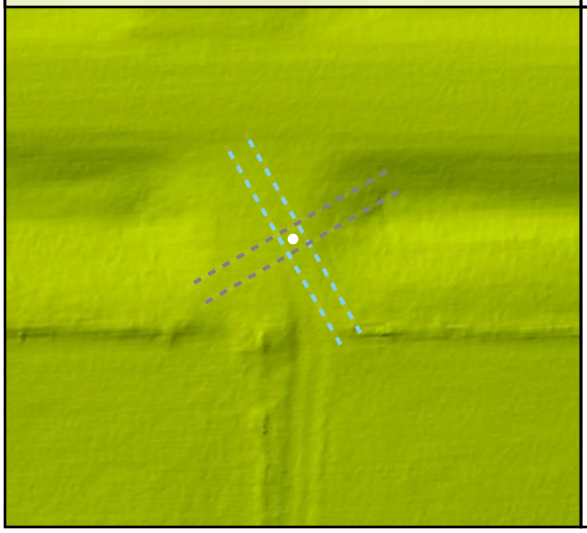
Southeast to Northwest



Intensity Raster

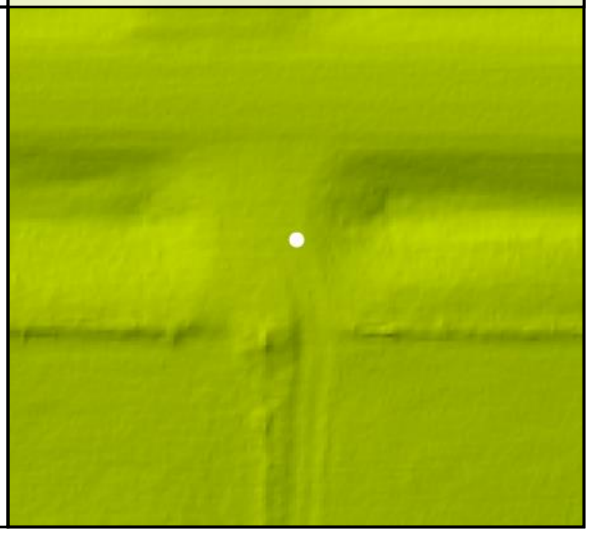


TIN Surface



Project Elevation

DEM Surface



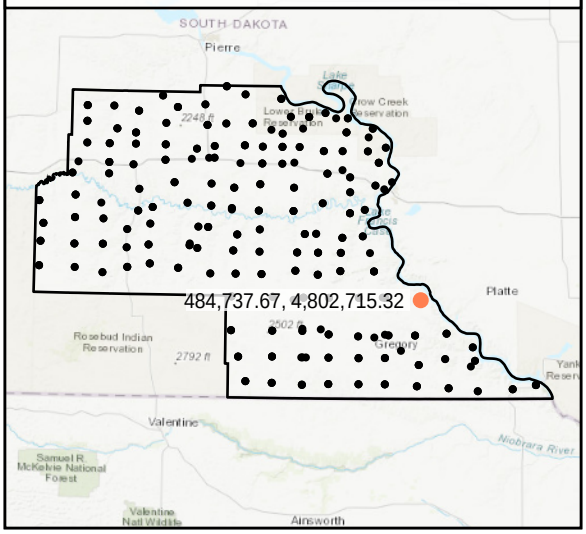
DEM Dz +0.03 m

NVA - BE034

Raw TIN Dz +0.02 m

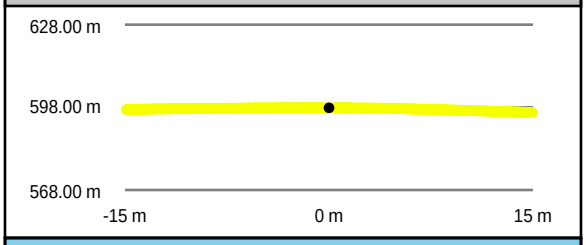
BE035				
	Known Z	597.82 m	Point Density	5.31 ppsm
	DEM Dz	-0.03 m	Ground Density	5.31 ppsm
	Raw TIN Dz	-0.03 m	Slope	1.39 °

Project Context

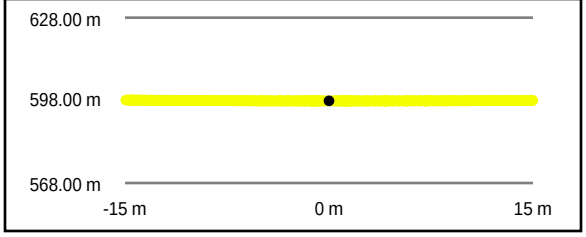


World Imagery

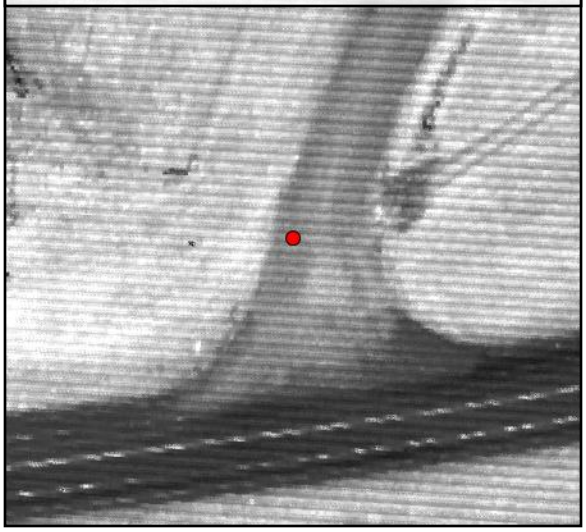
Southeast to Northwest



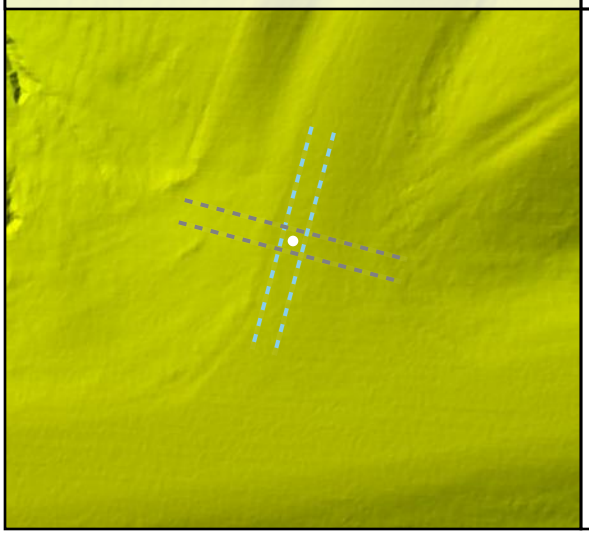
Southwest to Northeast



Intensity Raster

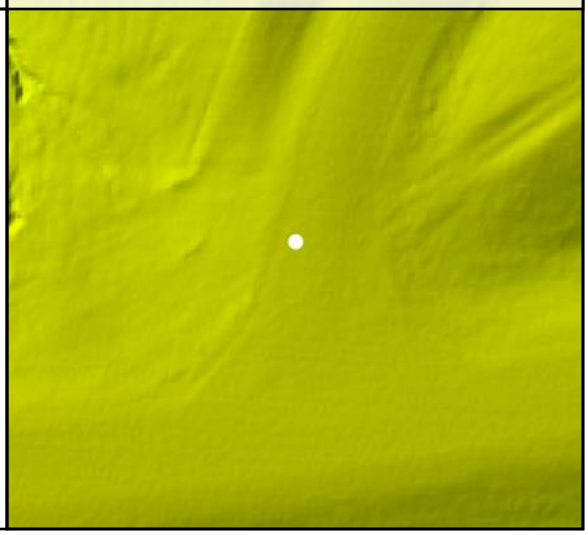


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

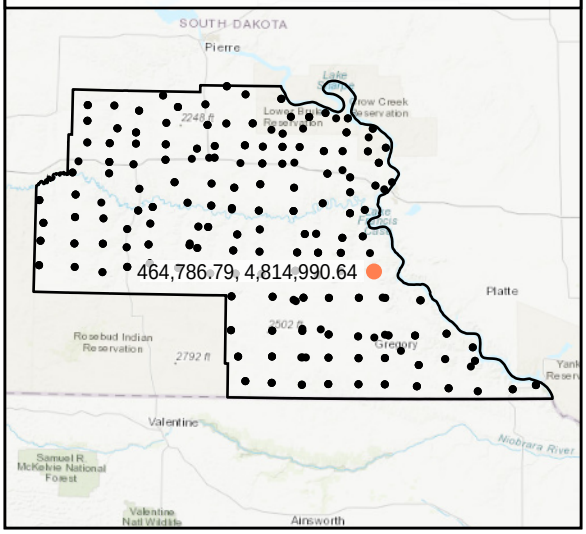
NVA - BE035

Raw TIN Dz -0.03 m

BE036

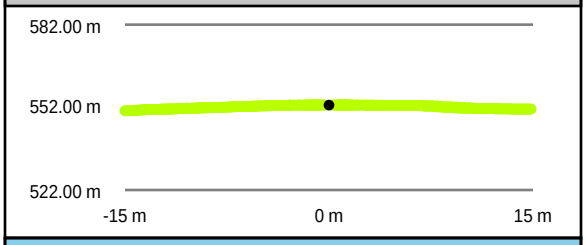
Known Z	552.80 m	Point Density	6.08 ppsm
DEM Dz	0.02 m	Ground Density	6.08 ppsm
Raw TIN Dz	0.00 m	Slope	0.33 °

Project Context

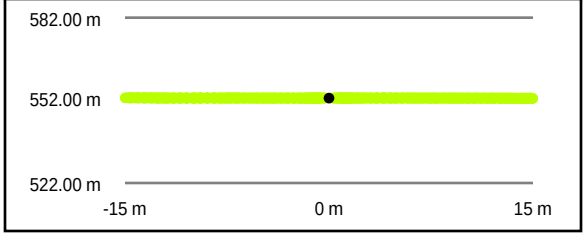


World Imagery

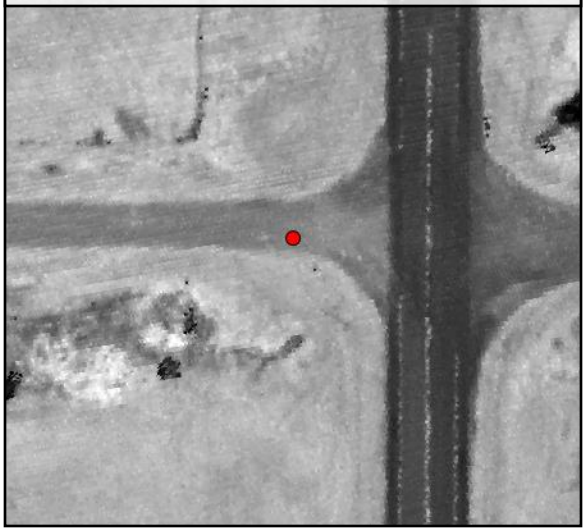
Southwest to Northeast



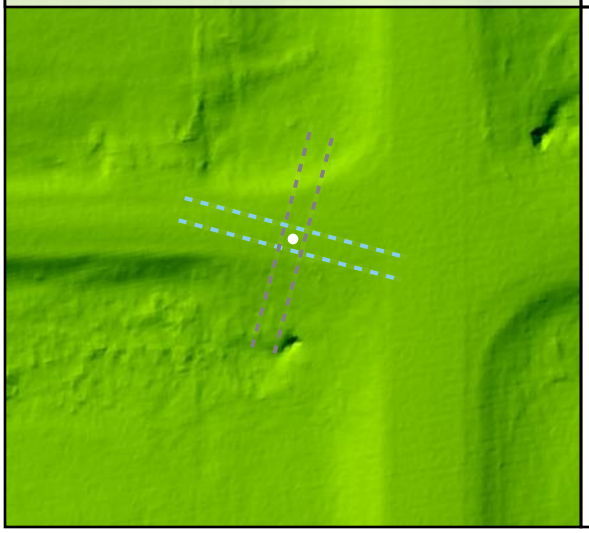
Southeast to Northwest



Intensity Raster

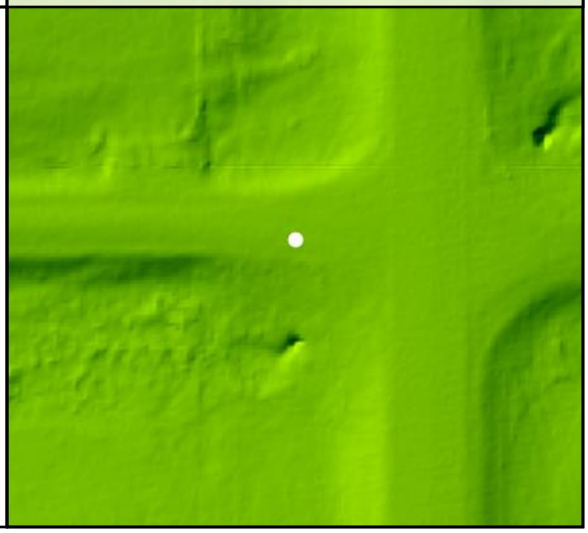


TIN Surface



Project Elevation

DEM Surface



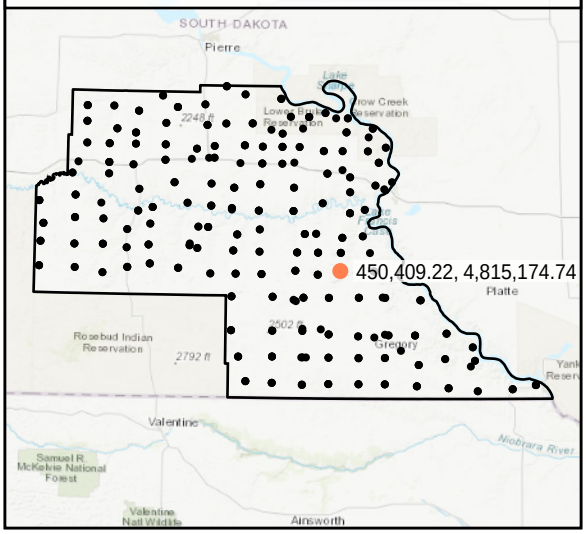
DEM Dz +0.02 m

NVA - BE036

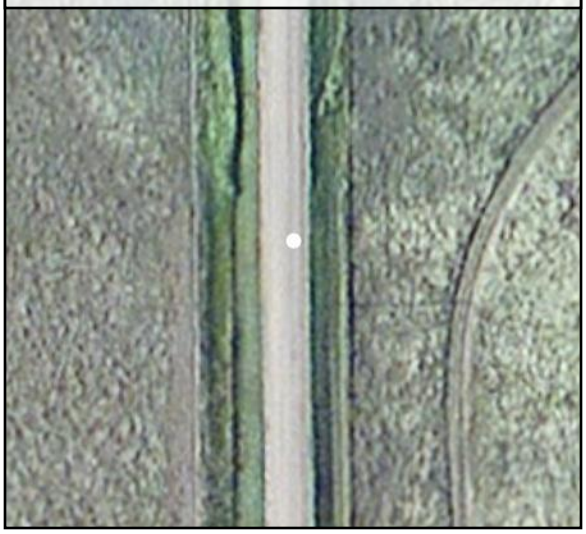
Raw TIN Dz 0.00 m

BE037				
	Known Z	568.50 m	Point Density	5.76 ppsm
	DEM Dz	0.00 m	Ground Density	5.76 ppsm
	Raw TIN Dz	0.00 m	Slope	3.40 °

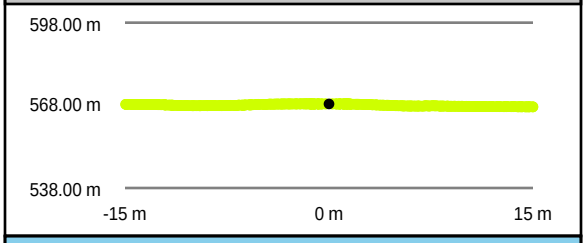
Project Context



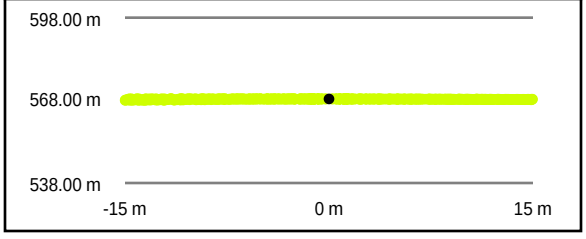
World Imagery



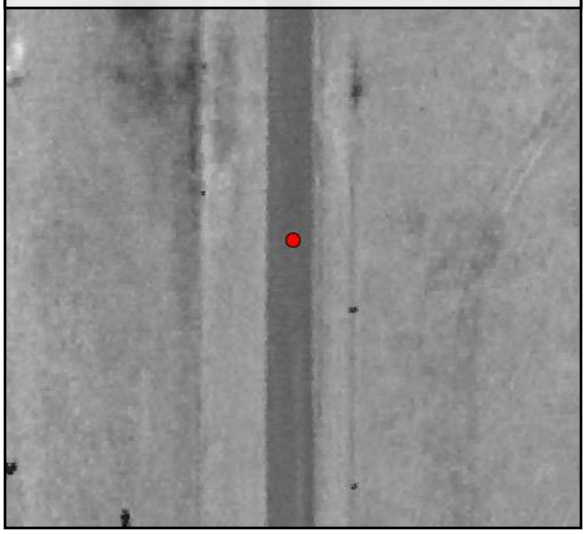
Southwest to Northeast



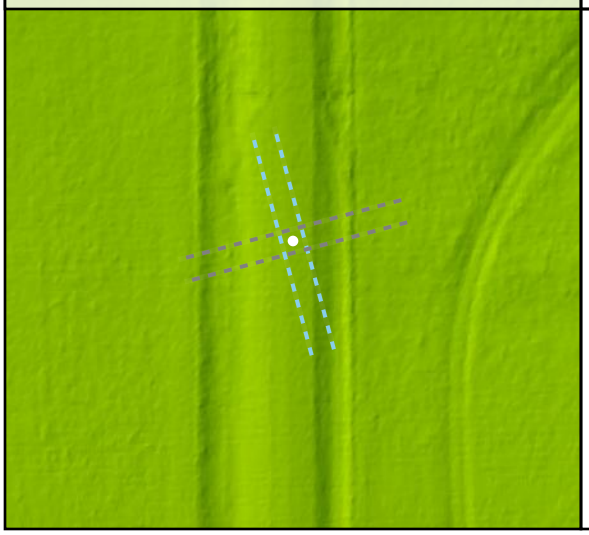
Southeast to Northwest



Intensity Raster

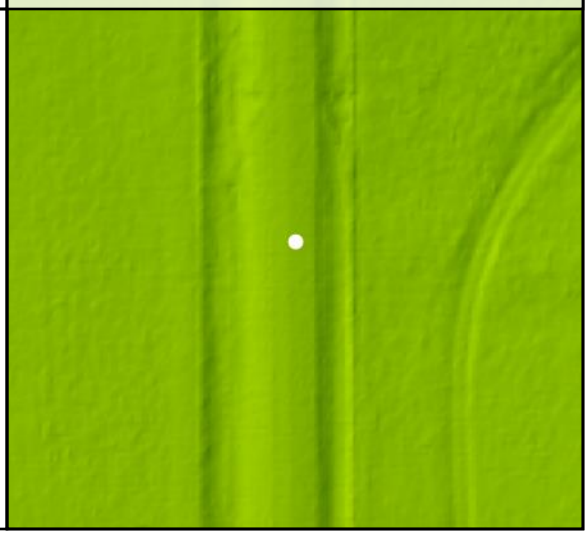


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

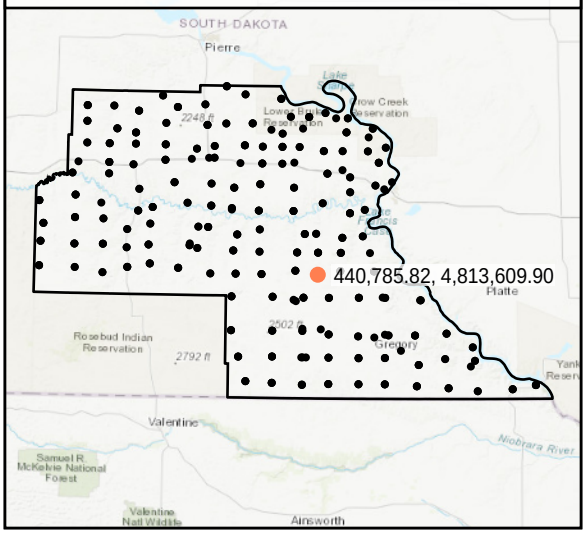
NVA - BE037

Raw TIN Dz +0.00 m

BE038

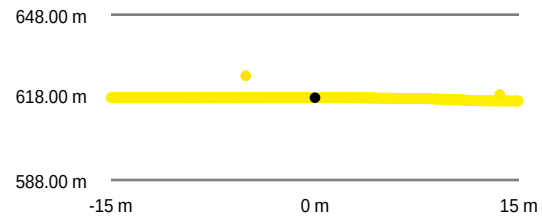
Known Z	617.86 m	Point Density	6.05 ppsm
DEM Dz	0.02 m	Ground Density	6.05 ppsm
Raw TIN Dz	0.03 m	Slope	0.06 °

Project Context

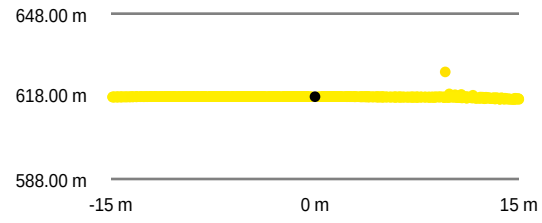


World Imagery

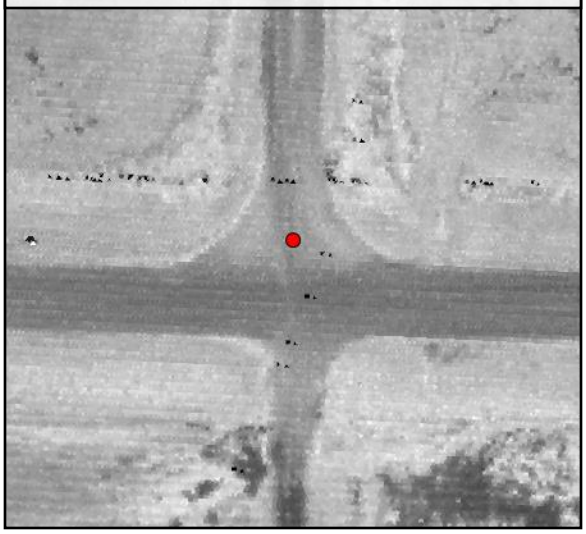
Southeast to Northwest



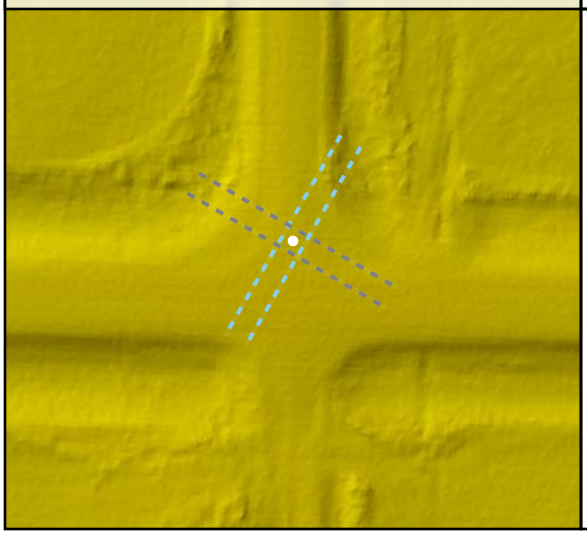
Southwest to Northeast



Intensity Raster

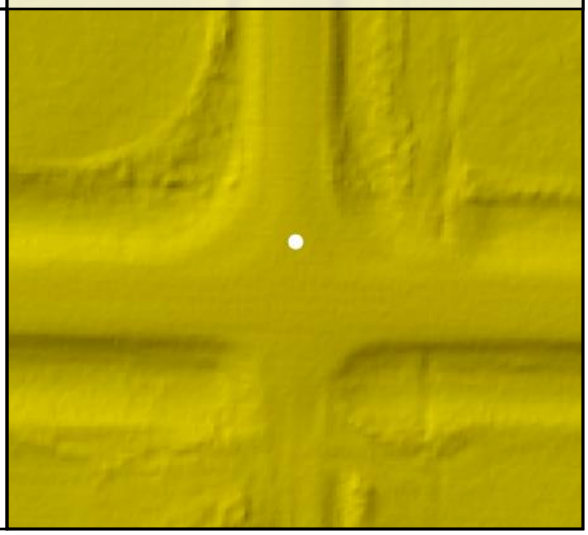


TIN Surface



Project Elevation

DEM Surface



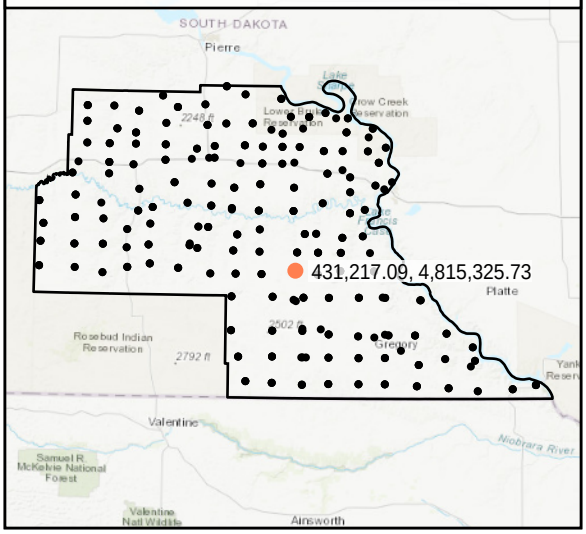
DEM Dz +0.02 m

NVA - BE038

Raw TIN Dz +0.03 m

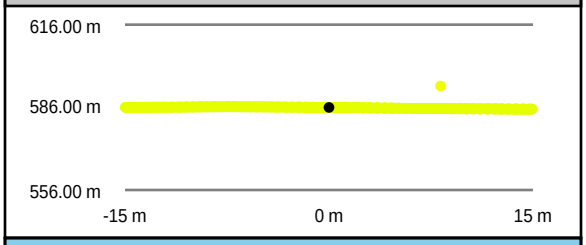
BE039				
	Known Z	585.96 m	Point Density	5.06 ppsm
	DEM Dz	0.03 m	Ground Density	5.06 ppsm
	Raw TIN Dz	0.03 m	Slope	3.07 °

Project Context

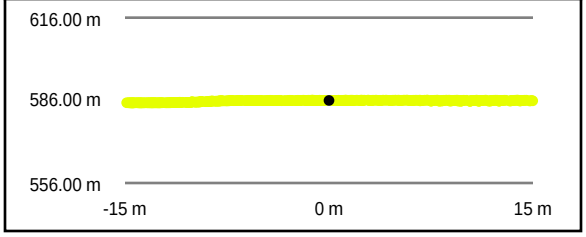


World Imagery

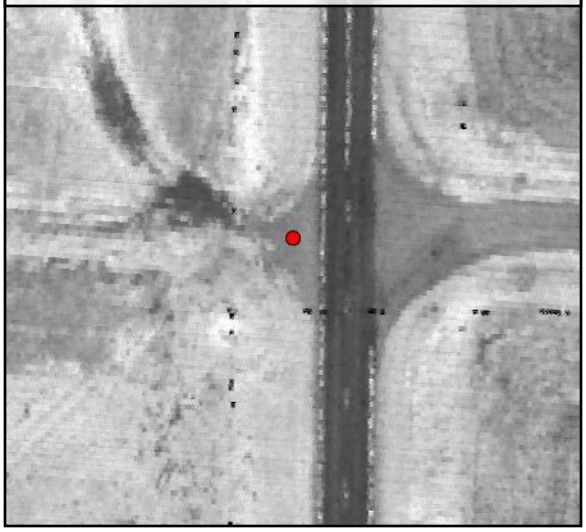
Southeast to Northwest



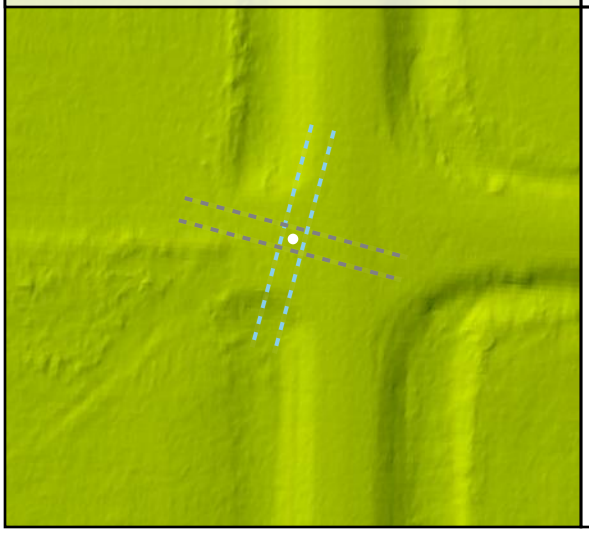
Southwest to Northeast



Intensity Raster

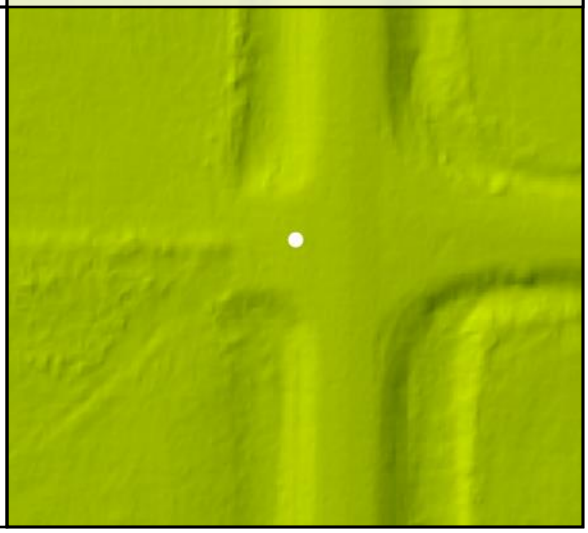


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

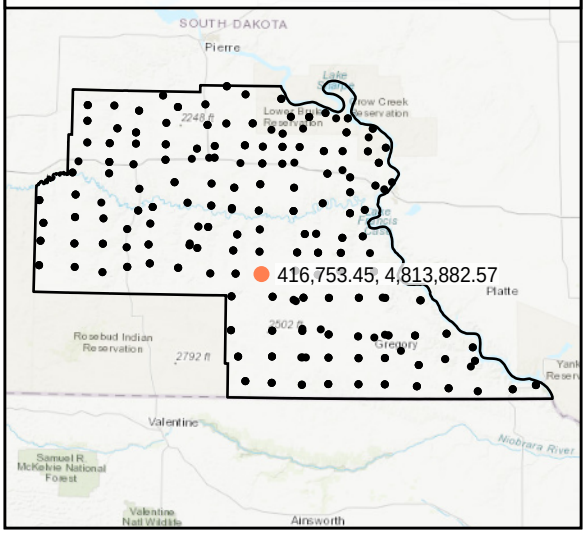
NVA - BE039

Raw TIN Dz +0.03 m

BE040

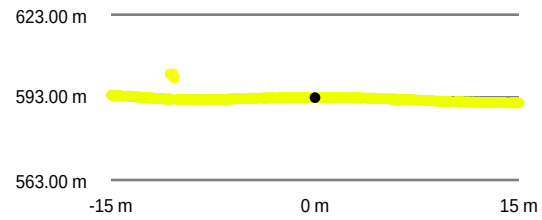
Known Z	592.89 m	Point Density	5.48 ppsm
DEM Dz	0.01 m	Ground Density	5.48 ppsm
Raw TIN Dz	0.01 m	Slope	0.59 °

Project Context

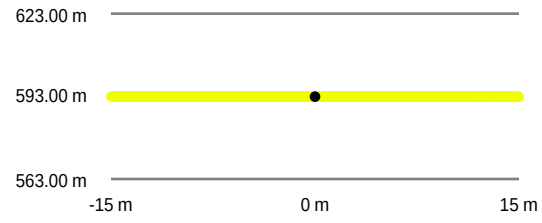


World Imagery

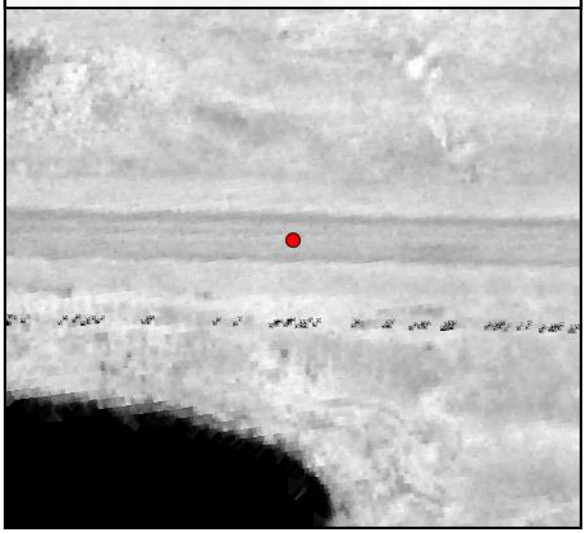
South to North



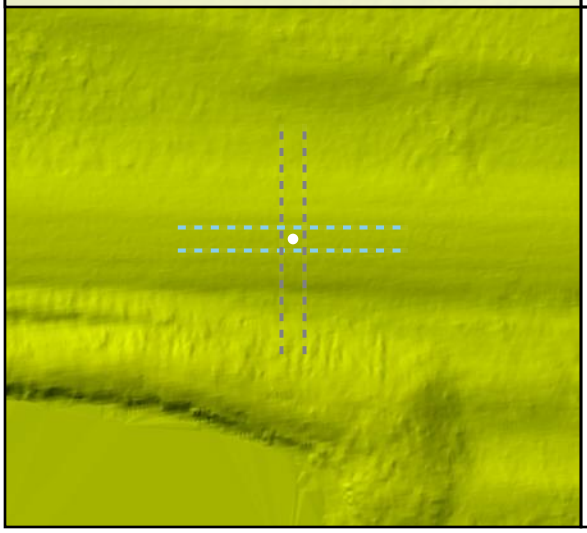
West to East



Intensity Raster

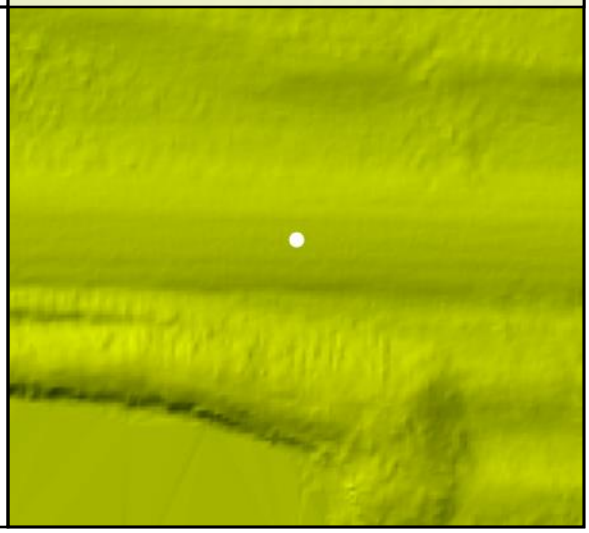


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

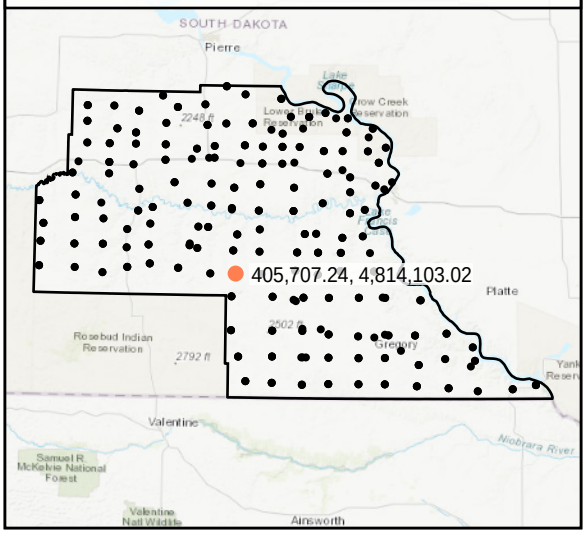
NVA - BE040

Raw TIN Dz +0.01 m

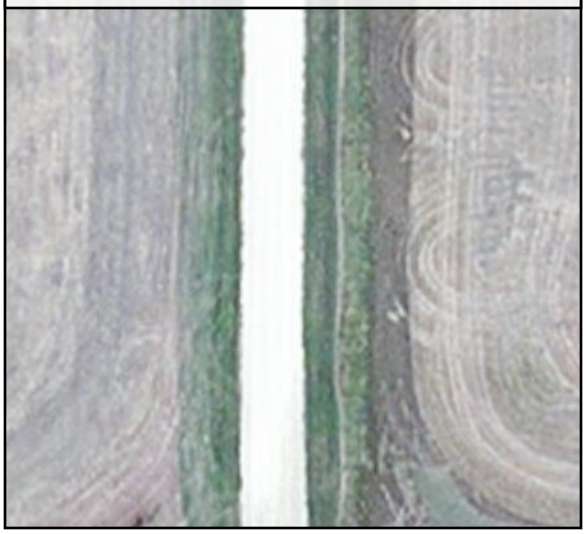
BE041

Known Z	608.10 m	Point Density	5.73 ppsm
DEM Dz	0.01 m	Ground Density	5.73 ppsm
Raw TIN Dz	0.01 m	Slope	3.32 °

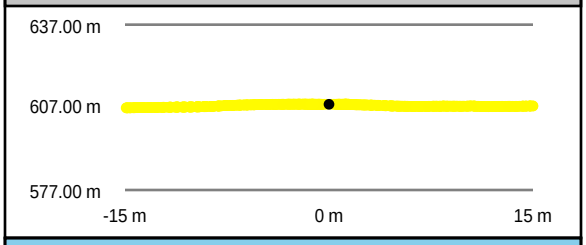
Project Context



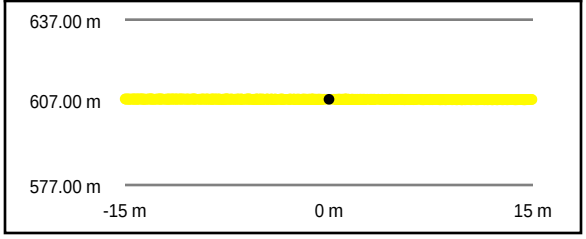
World Imagery



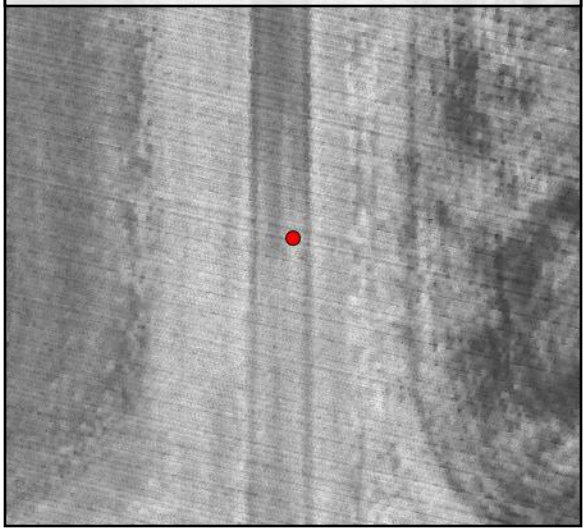
West to East



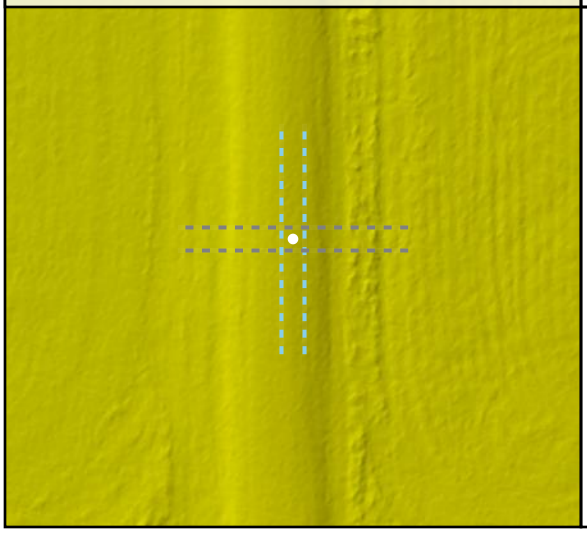
South to North



Intensity Raster

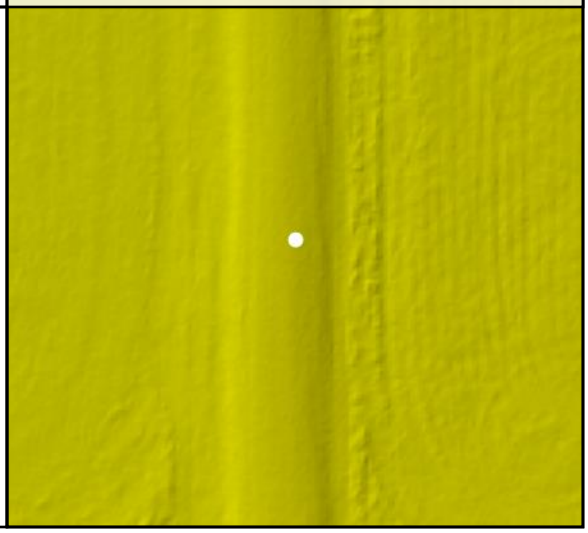


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

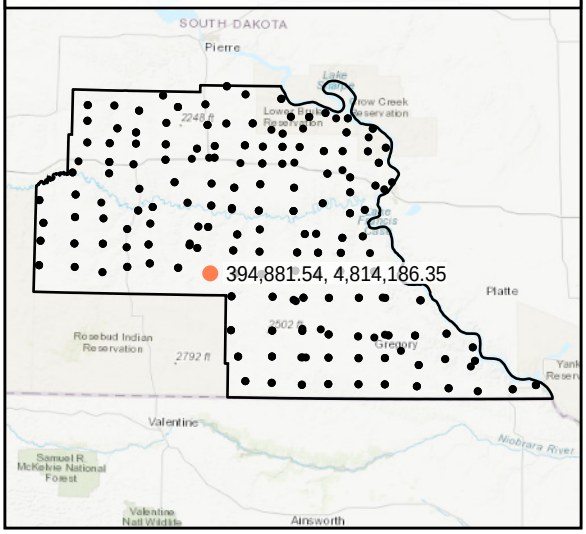
NVA - BE041

Raw TIN Dz +0.01 m

BE042

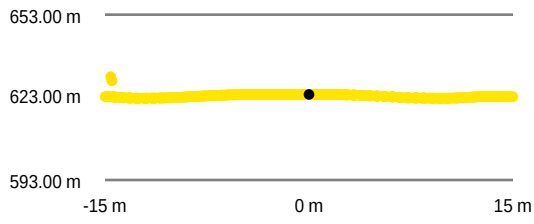
Known Z	624.04 m	Point Density	5.27 ppsm
DEM Dz	0.00 m	Ground Density	5.27 ppsm
Raw TIN Dz	0.00 m	Slope	1.71 °

Project Context

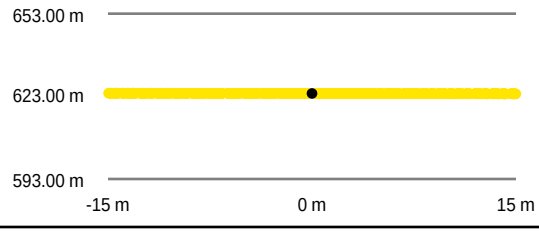


World Imagery

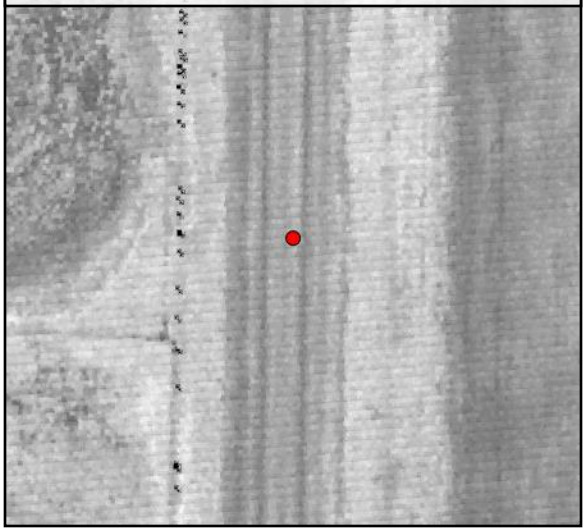
West to East



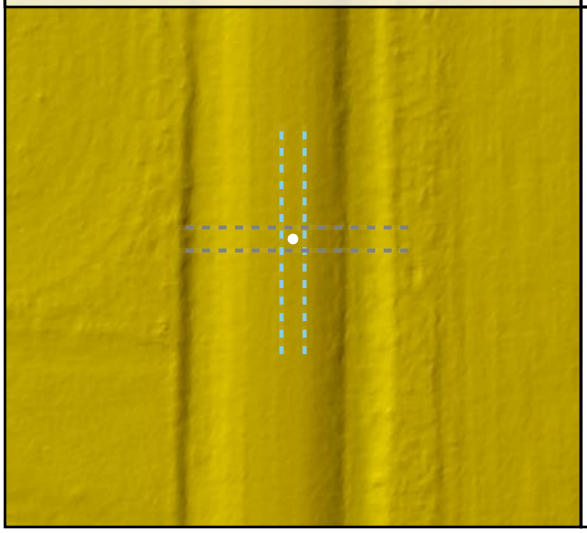
South to North



Intensity Raster

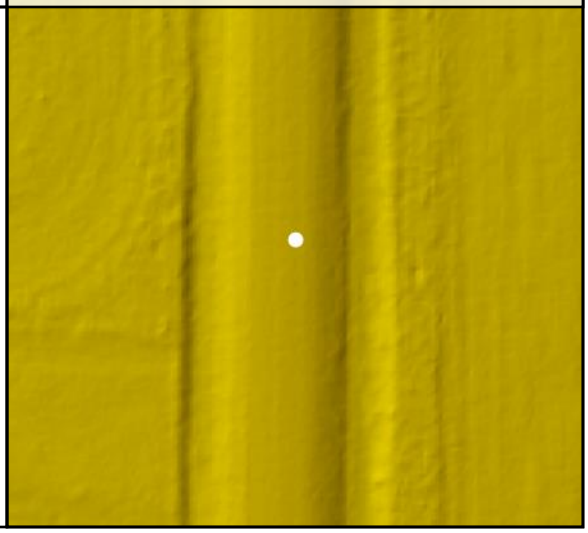


TIN Surface



Project Elevation

DEM Surface



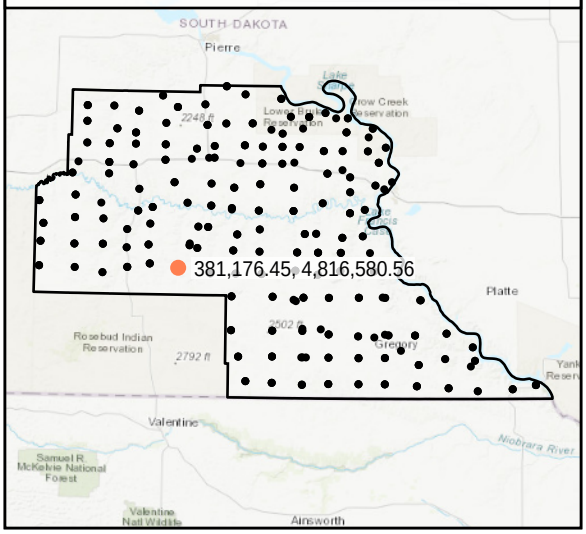
DEM Dz 0.00 m

NVA - BE042

Raw TIN Dz 0.00 m

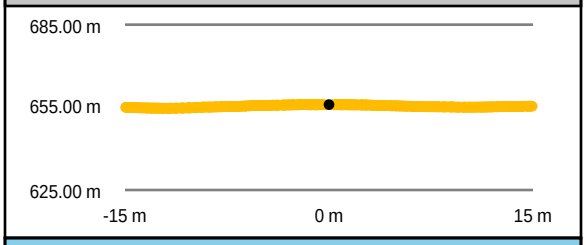
BE043				
	Known Z	655.99 m	Point Density	4.92 ppsm
	DEM Dz	-0.05 m	Ground Density	4.92 ppsm
	Raw TIN Dz	-0.06 m	Slope	1.94 °

Project Context

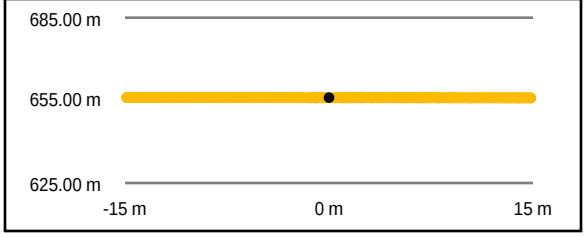


World Imagery

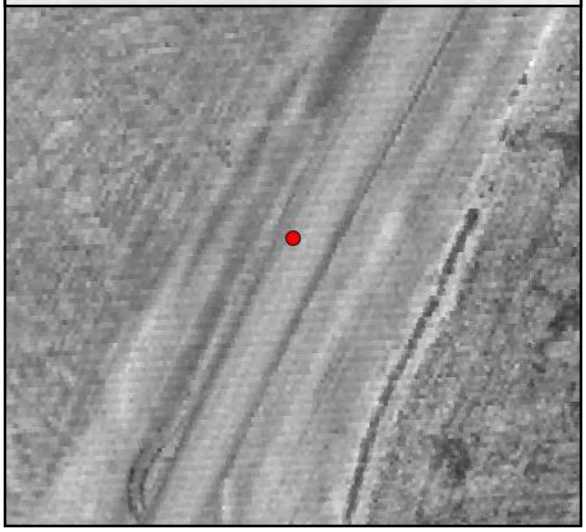
Southeast to Northwest



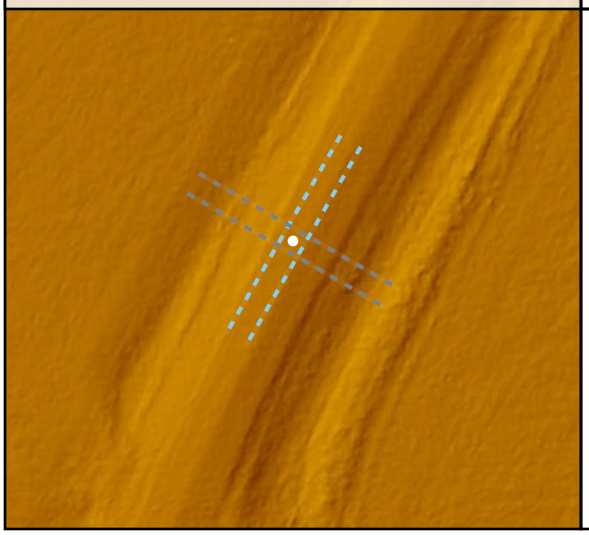
Southwest to Northeast



Intensity Raster

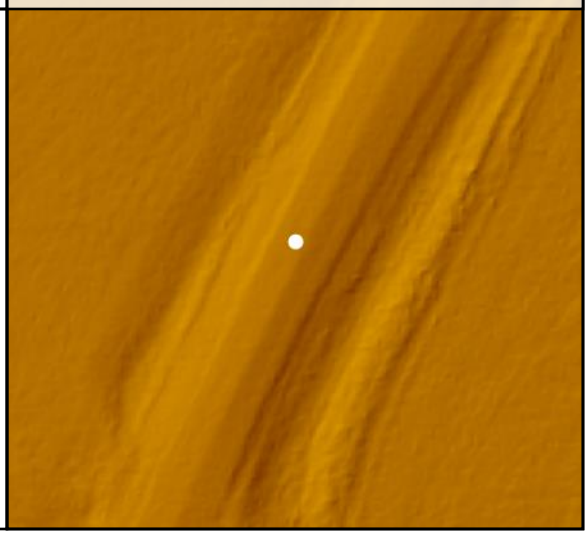


TIN Surface



Project Elevation

DEM Surface



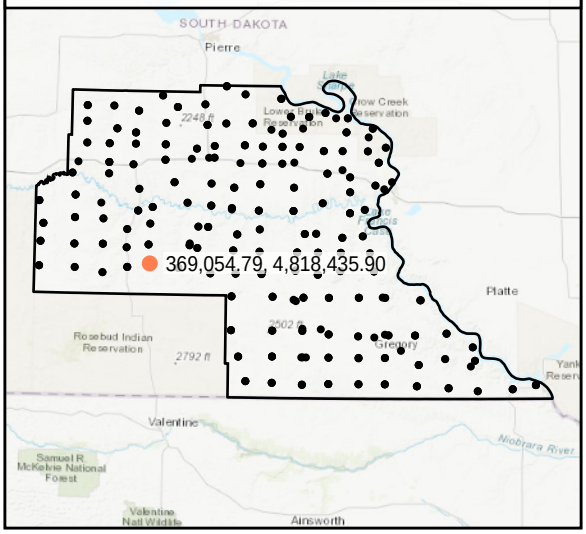
DEM Dz -0.05 m

NVA - BE043

Raw TIN Dz -0.06 m

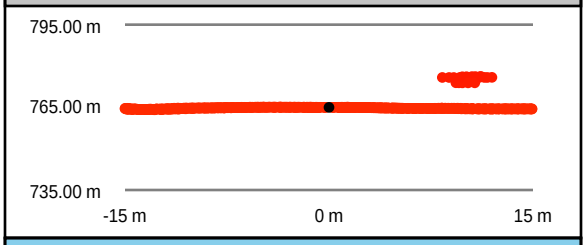
BE044				
	Known Z	764.99 m	Point Density	5.16 ppsm
	DEM Dz	0.01 m	Ground Density	5.16 ppsm
	Raw TIN Dz	0.01 m	Slope	1.39 °

Project Context

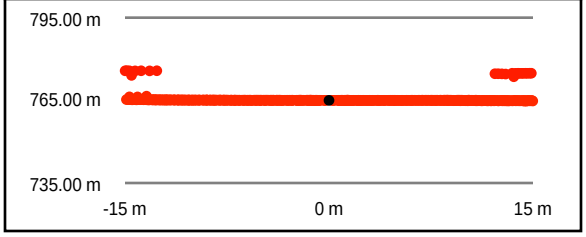


World Imagery

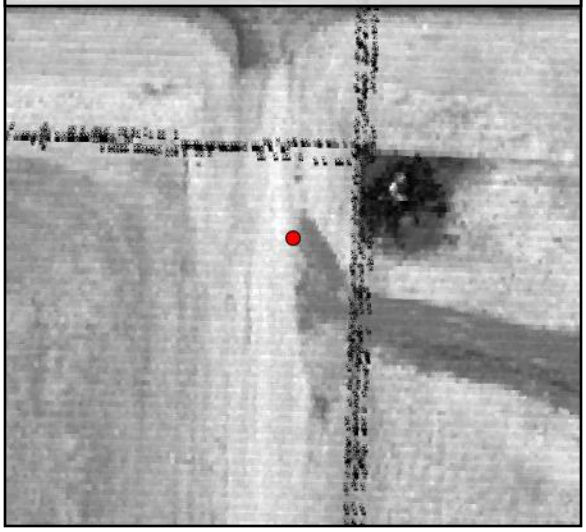
Southwest to Northeast



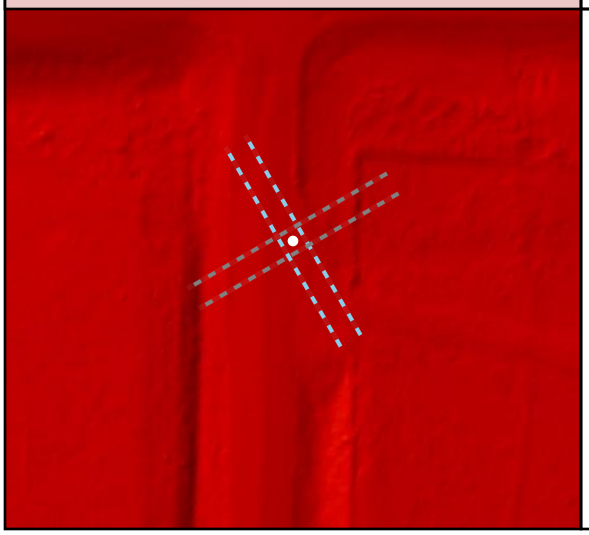
Southeast to Northwest



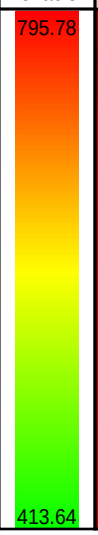
Intensity Raster



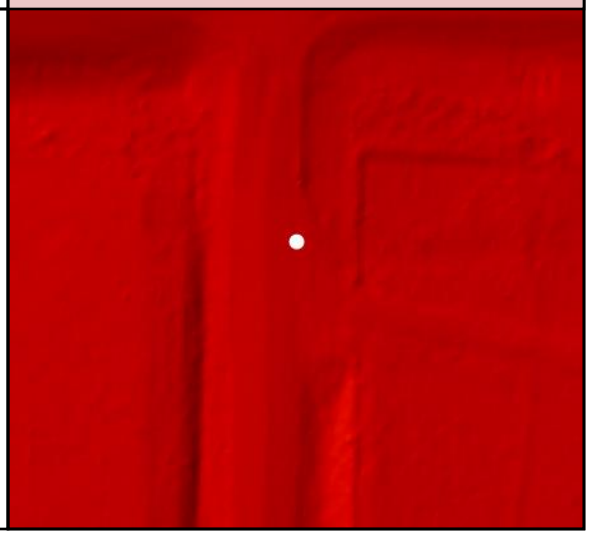
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.01 m

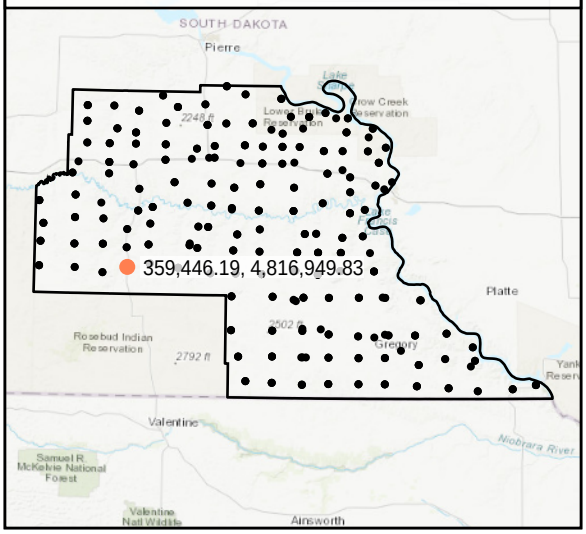
NVA - BE044

Raw TIN Dz +0.01 m

BE045

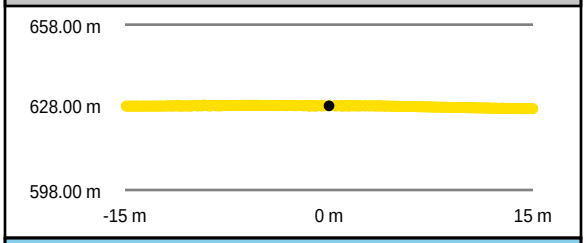
Known Z	628.54 m	Point Density	5.31 ppsm
DEM Dz	0.00 m	Ground Density	5.31 ppsm
Raw TIN Dz	0.00 m	Slope	0.90 °

Project Context

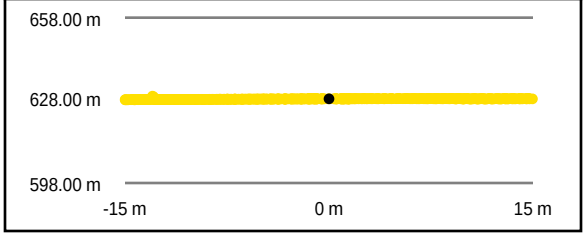


World Imagery

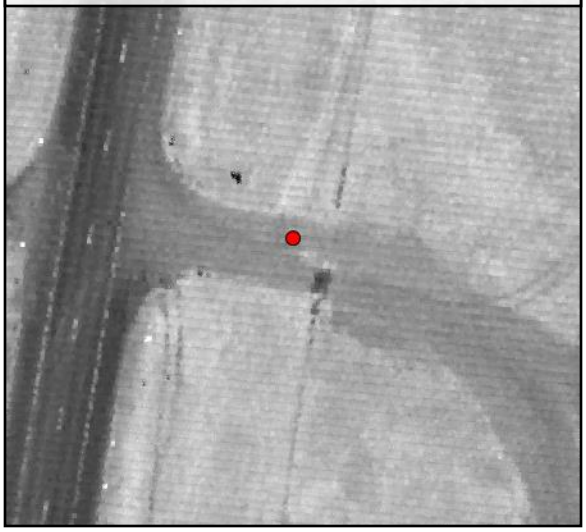
Southeast to Northwest



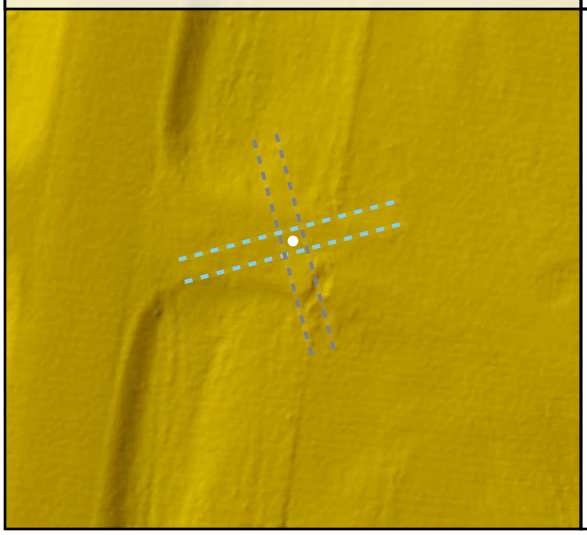
Southwest to Northeast



Intensity Raster



TIN Surface

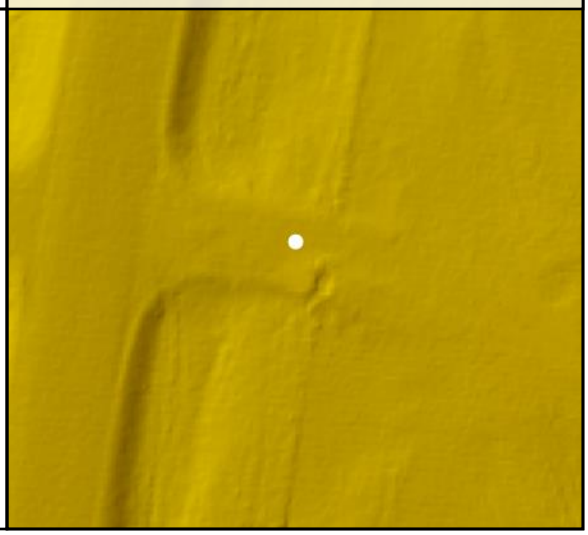


Project Elevation

795.78

413.64

DEM Surface



DEM Dz +0.00 m

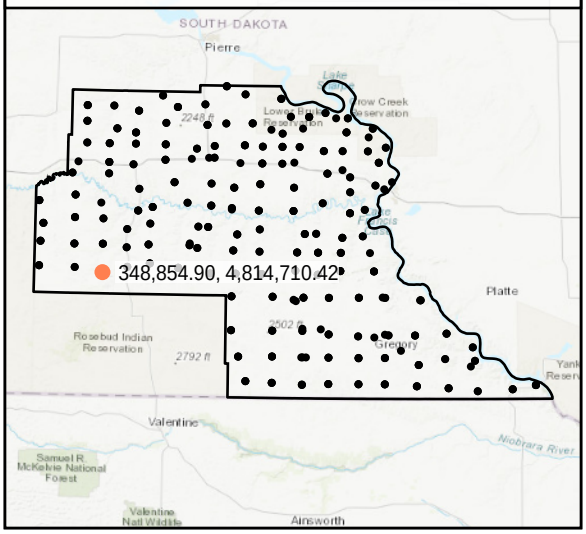
NVA - BE045

Raw TIN Dz +0.00 m

BE046

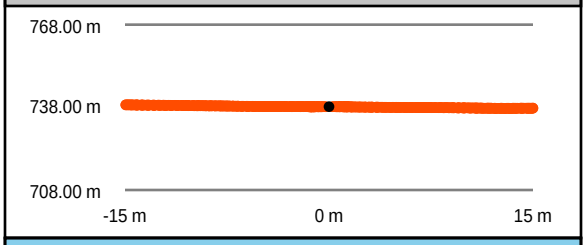
Known Z	738.24 m	Point Density	4.63 ppsm
DEM Dz	-0.02 m	Ground Density	4.63 ppsm
Raw TIN Dz	-0.02 m	Slope	2.44 °

Project Context

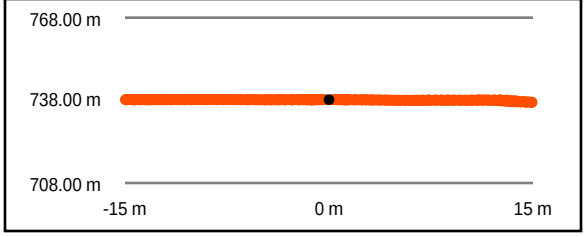


World Imagery

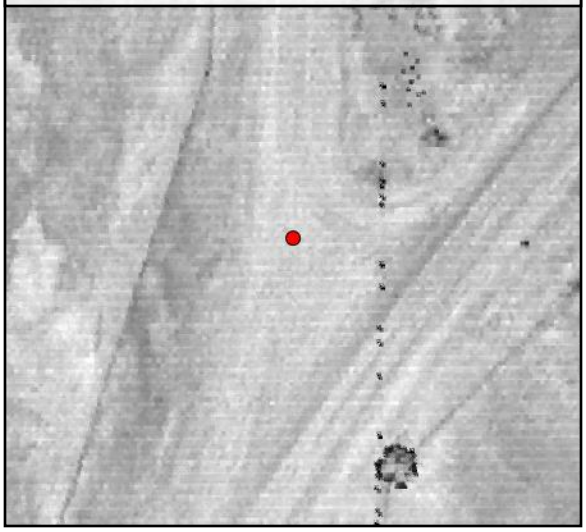
Southeast to Northwest



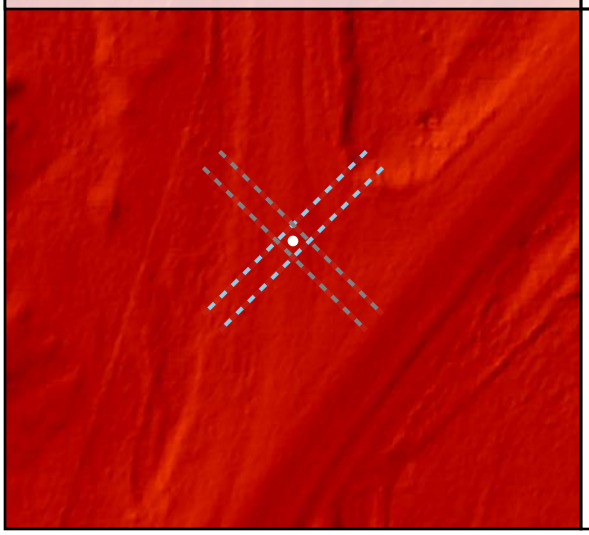
Southwest to Northeast



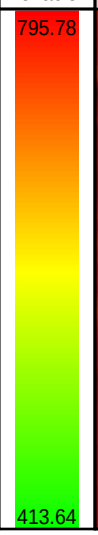
Intensity Raster



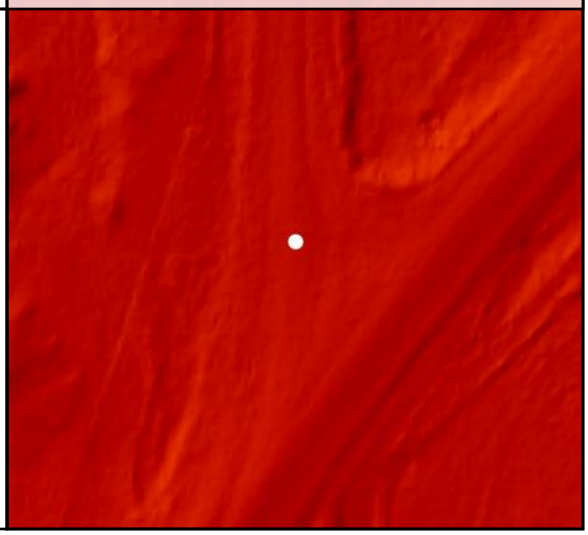
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.02 m

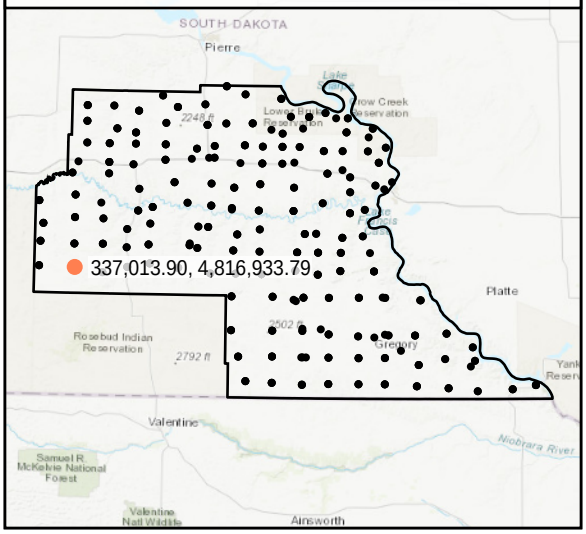
NVA - BE046

Raw TIN Dz -0.02 m

BE047

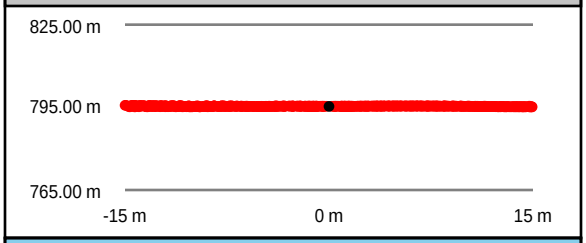
Known Z	795.33 m	Point Density	5.48 ppsm
DEM Dz	0.06 m	Ground Density	5.48 ppsm
Raw TIN Dz	0.06 m	Slope	0.30 °

Project Context

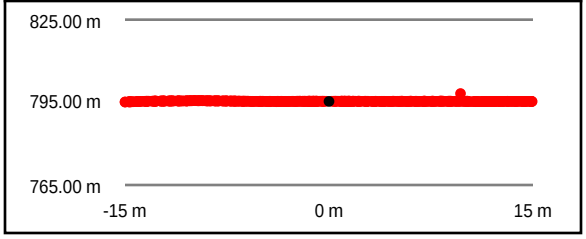


World Imagery

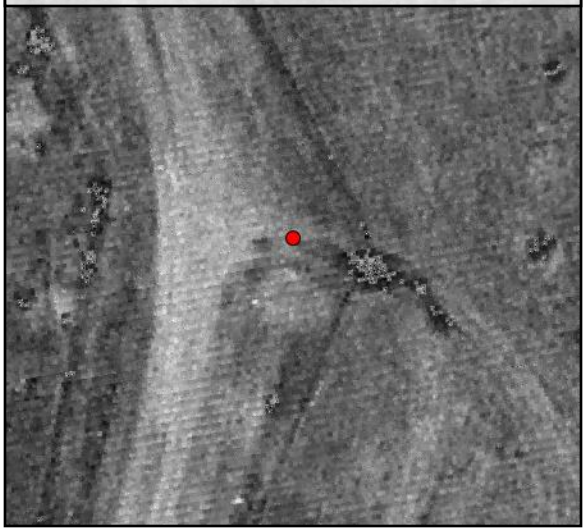
South to North



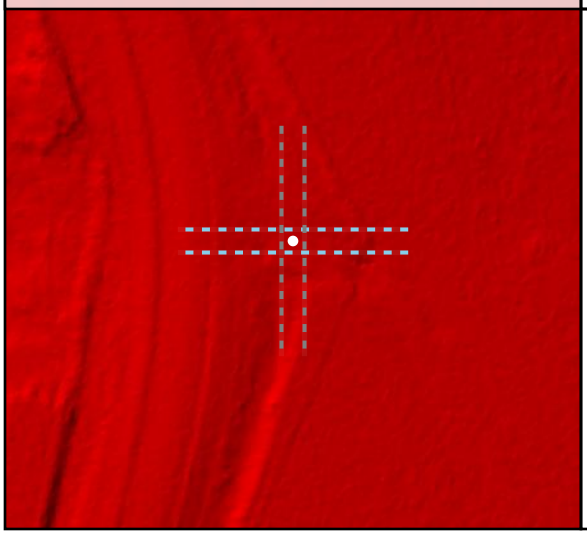
West to East



Intensity Raster

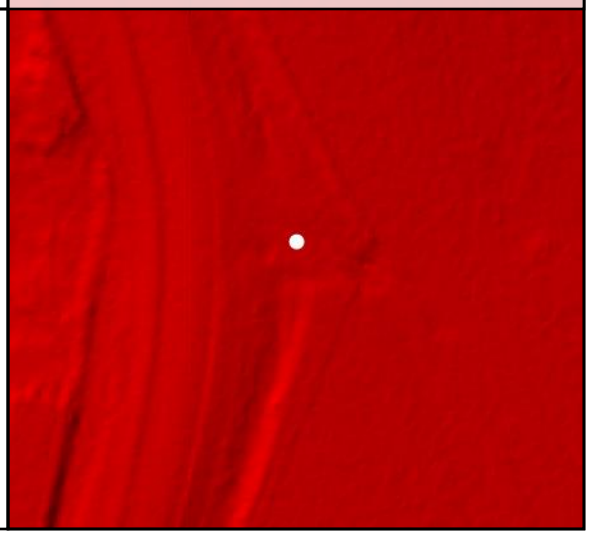


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

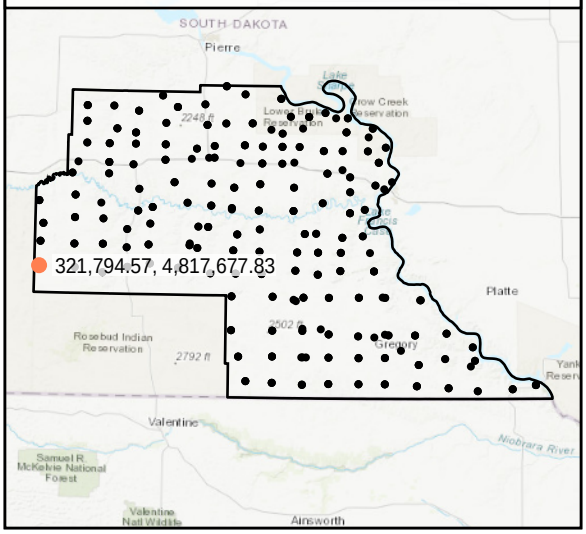
NVA - BE047

Raw TIN Dz +0.06 m

BE048

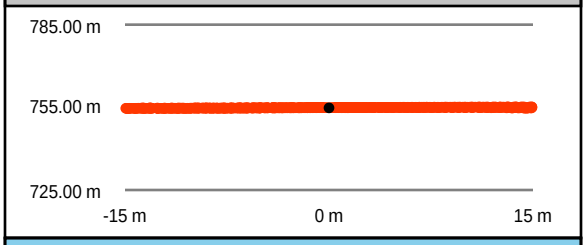
Known Z	754.81 m	Point Density	4.88 ppsm
DEM Dz	0.09 m	Ground Density	4.88 ppsm
Raw TIN Dz	0.09 m	Slope	1.80 °

Project Context

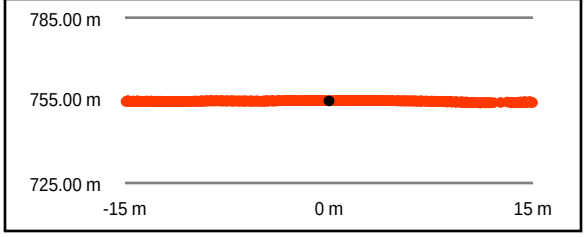


World Imagery

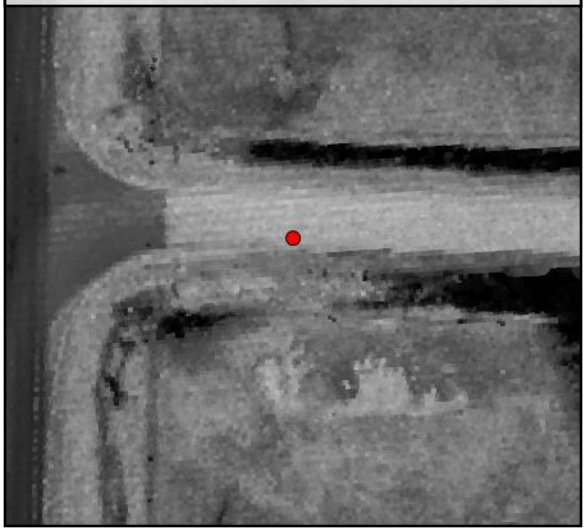
Southeast to Northwest



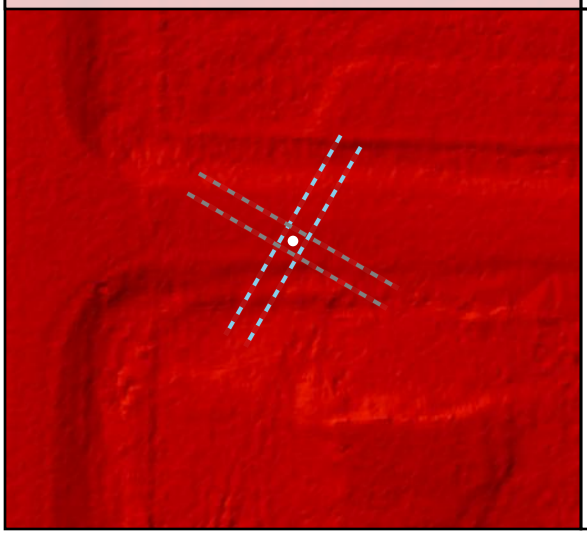
Southwest to Northeast



Intensity Raster

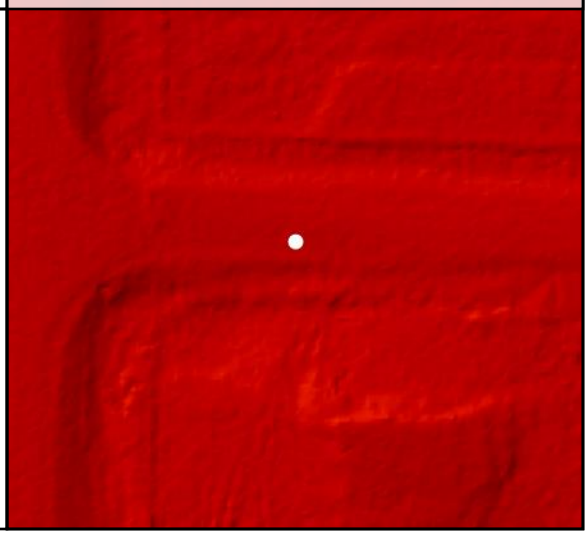


TIN Surface



Project Elevation

DEM Surface



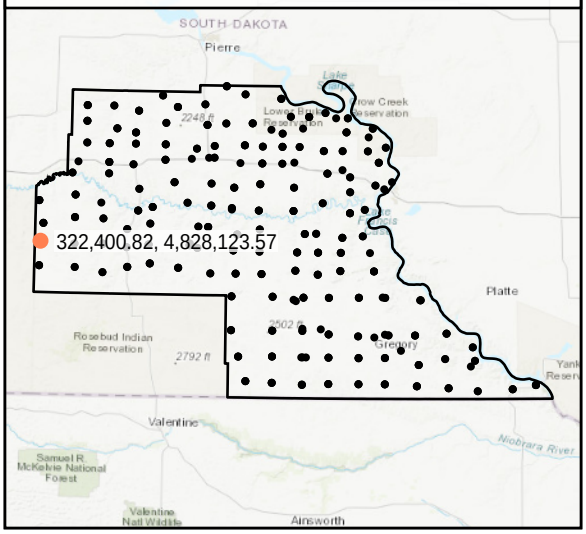
DEM Dz +0.09 m

NVA - BE048

Raw TIN Dz +0.09 m

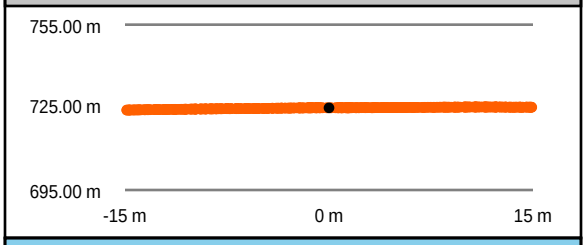
BE049				
	Known Z	724.81 m	Point Density	4.67 ppsm
	DEM Dz	0.02 m	Ground Density	4.67 ppsm
	Raw TIN Dz	0.02 m	Slope	0.68 °

Project Context

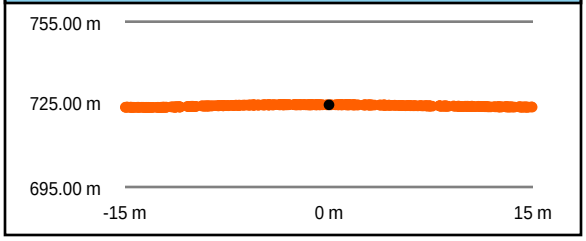


World Imagery

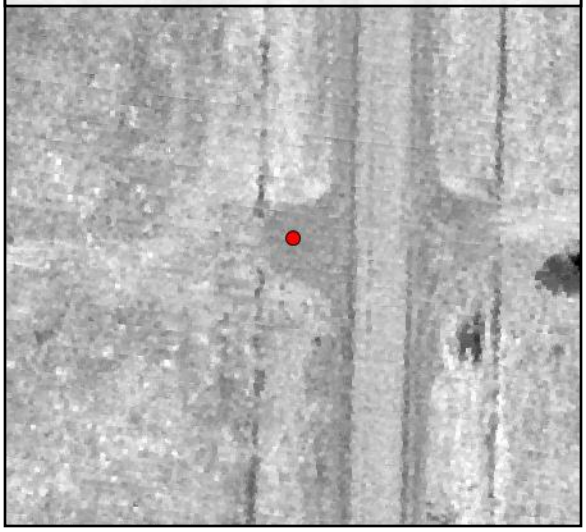
West to East



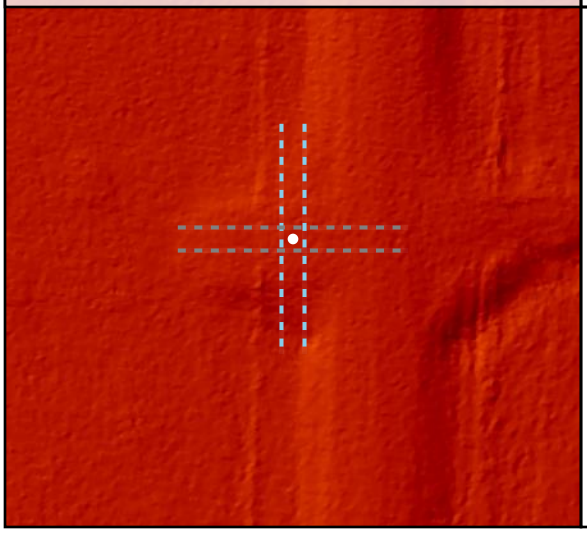
South to North



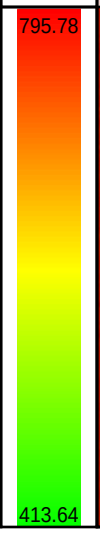
Intensity Raster



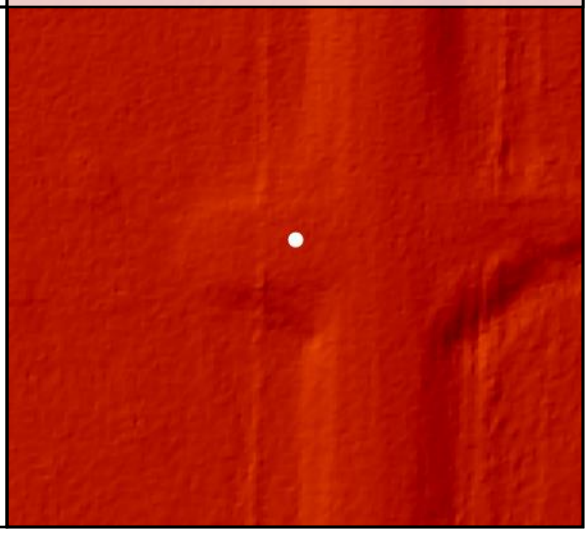
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.02 m

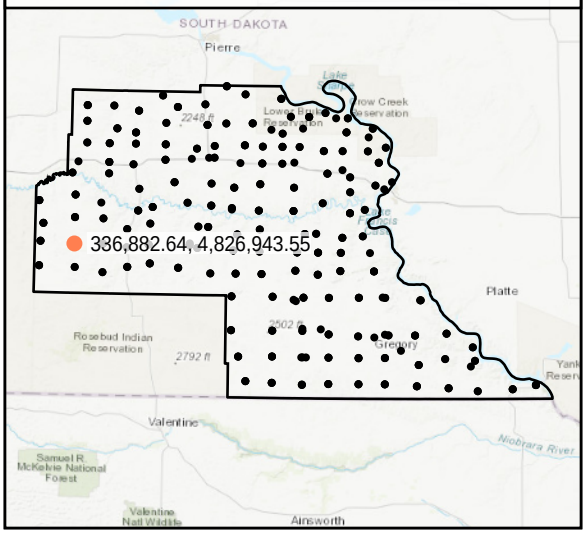
NVA - BE049

Raw TIN Dz +0.02 m

BE050

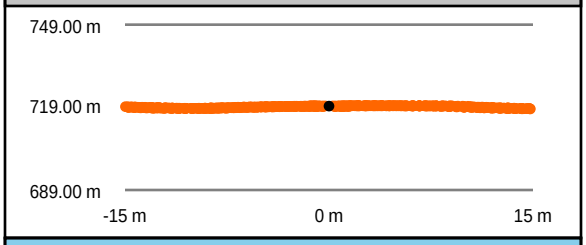
Known Z	719.45 m	Point Density	4.88 ppsm
DEM Dz	-0.06 m	Ground Density	4.85 ppsm
Raw TIN Dz	-0.01 m	Slope	5.26 °

Project Context

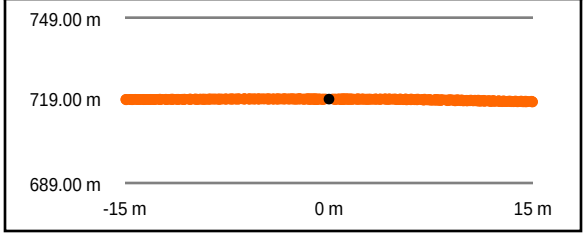


World Imagery

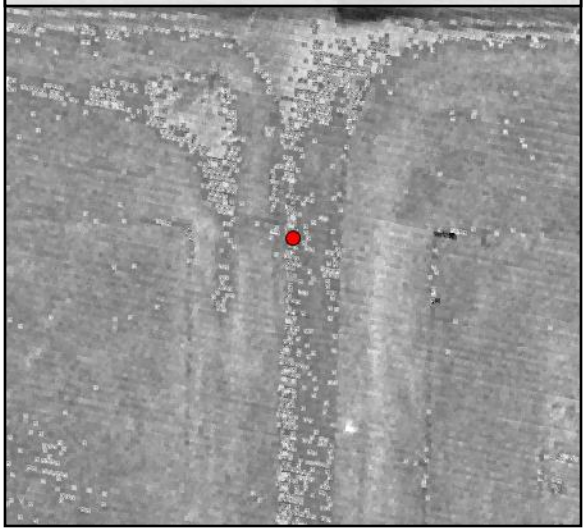
Southwest to Northeast



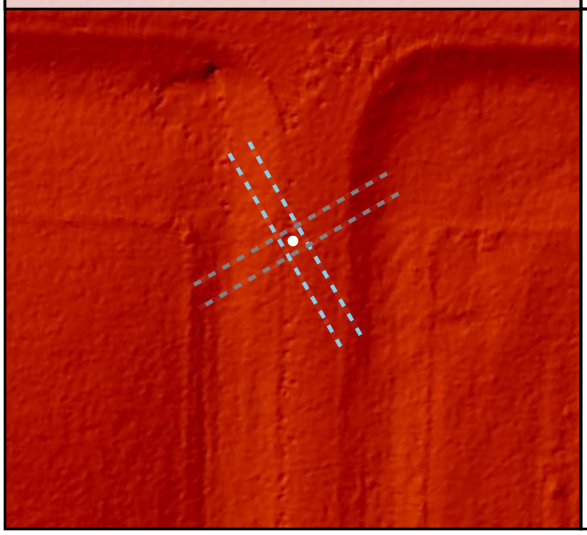
Southeast to Northwest



Intensity Raster



TIN Surface

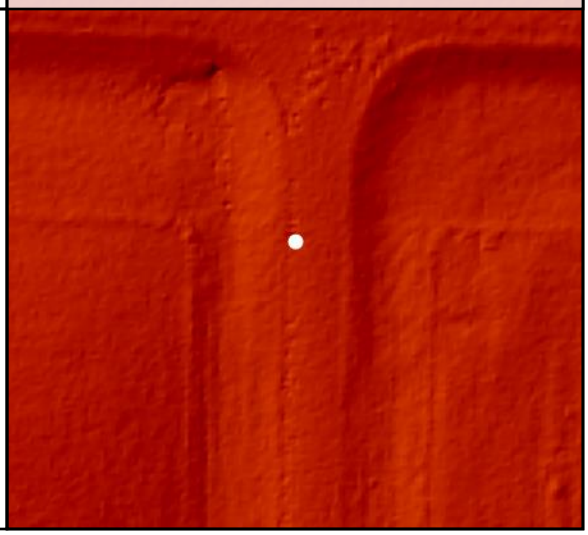


Project Elevation

795.78

413.64

DEM Surface



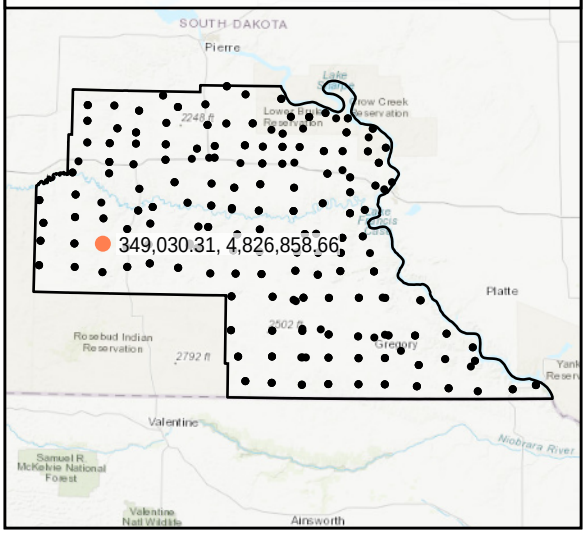
DEM Dz -0.06 m

NVA - BE050

Raw TIN Dz -0.01 m

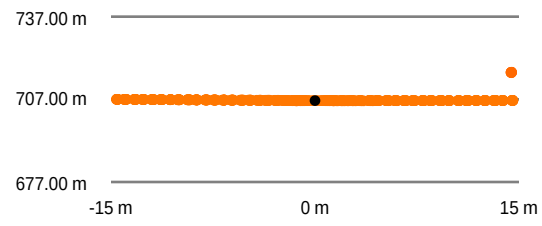
BE051				
	Known Z	706.53 m	Point Density	5.23 ppsm
	DEM Dz	-0.01 m	Ground Density	5.23 ppsm
	Raw TIN Dz	-0.02 m	Slope	1.34 °

Project Context

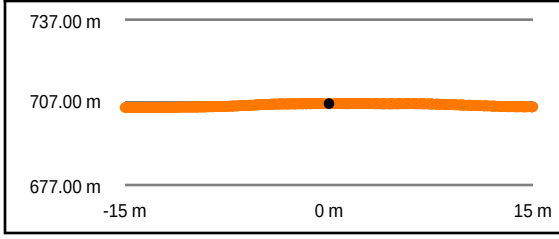


World Imagery

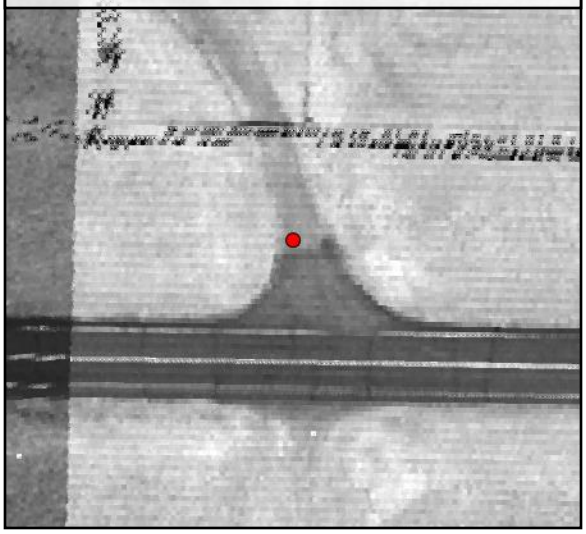
South to North



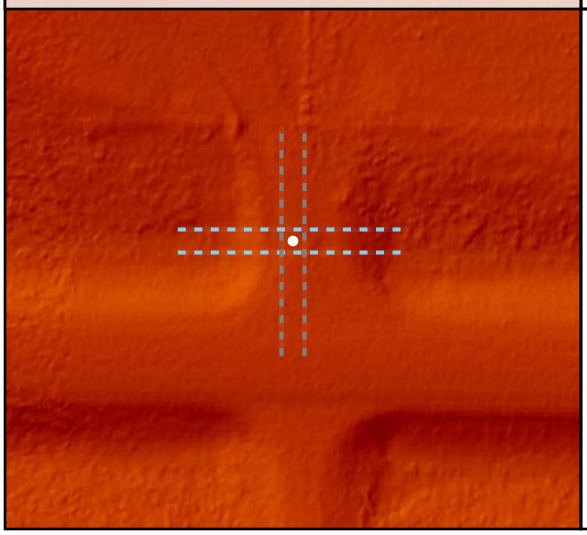
West to East



Intensity Raster

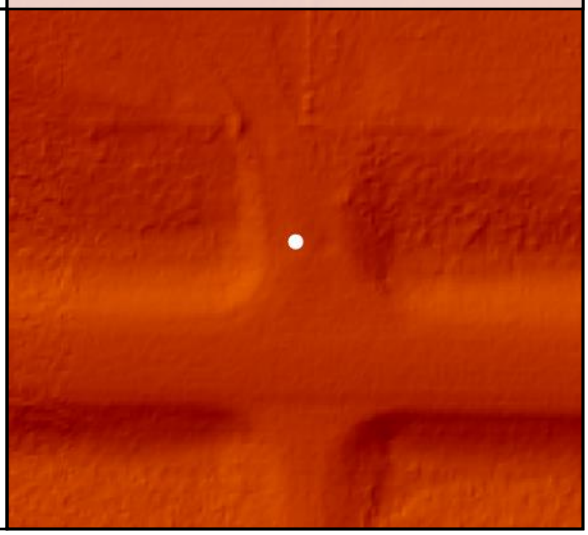


TIN Surface



Project Elevation

DEM Surface



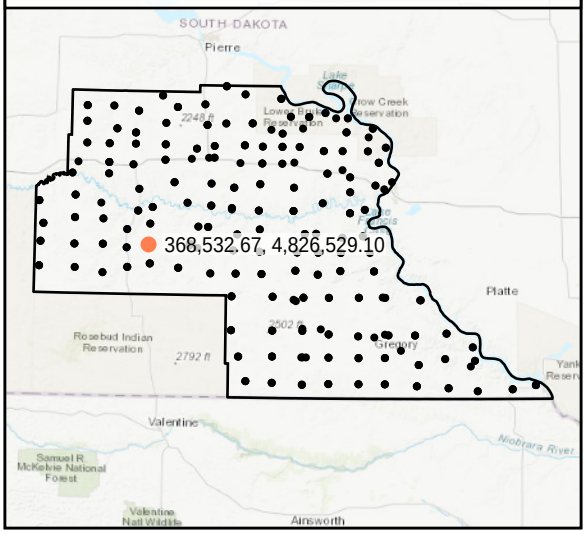
DEM Dz -0.01 m

NVA - BE051

Raw TIN Dz -0.02 m

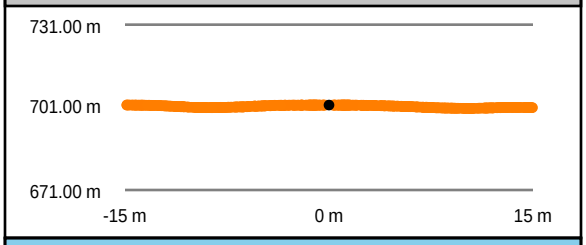
BE052				
	Known Z	701.82 m	Point Density	4.31 ppsm
	DEM Dz	-0.02 m	Ground Density	4.31 ppsm
	Raw TIN Dz	-0.01 m	Slope	1.08 °

Project Context

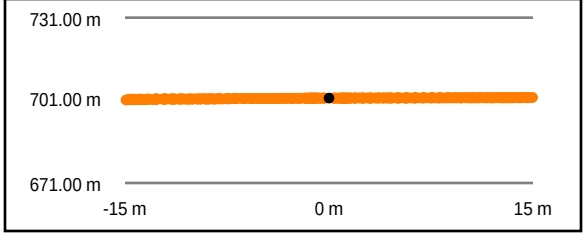


World Imagery

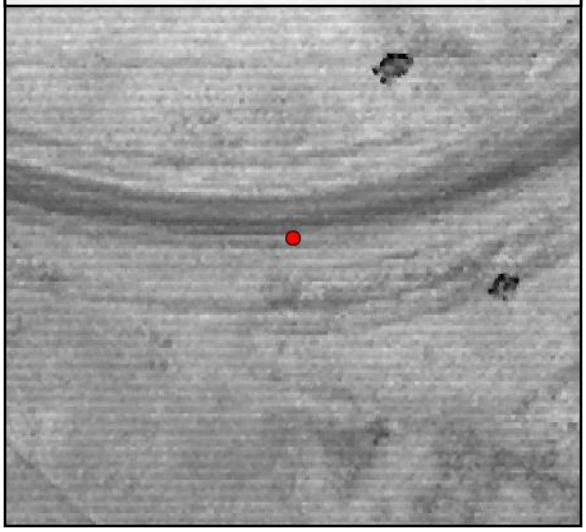
Southeast to Northwest



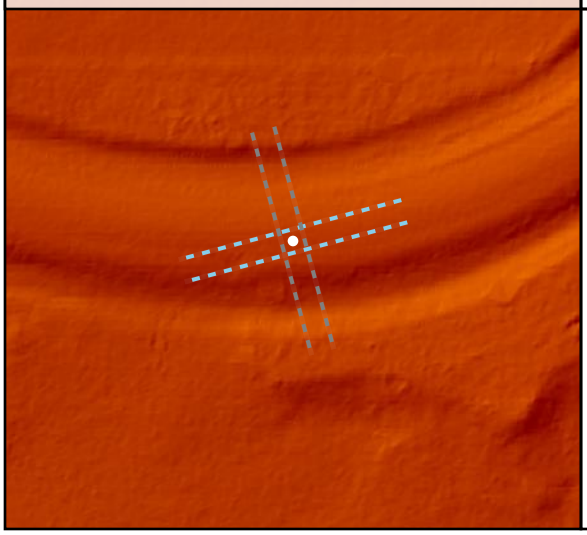
Southwest to Northeast



Intensity Raster

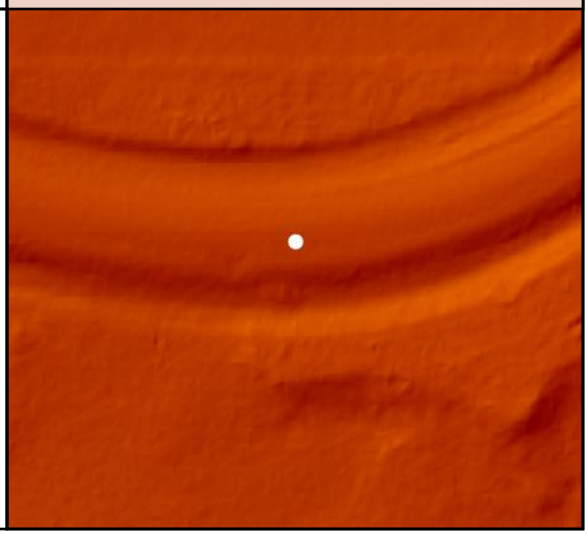


TIN Surface



Project Elevation

DEM Surface



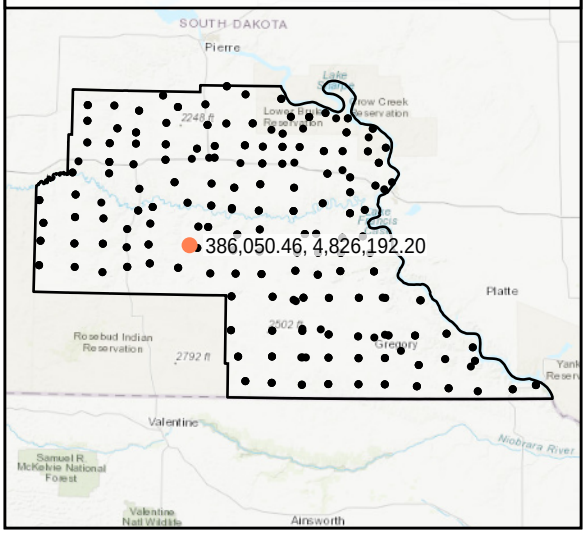
DEM Dz -0.02 m

NVA - BE052

Raw TIN Dz -0.01 m

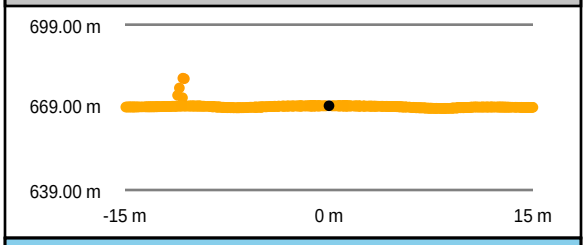
BE053				
	Known Z	669.57 m	Point Density	4.92 ppsm
	DEM Dz	-0.03 m	Ground Density	4.92 ppsm
	Raw TIN Dz	-0.04 m	Slope	0.84 °

Project Context

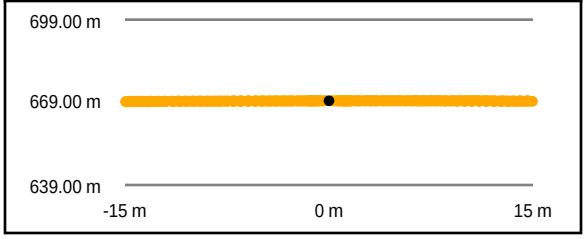


World Imagery

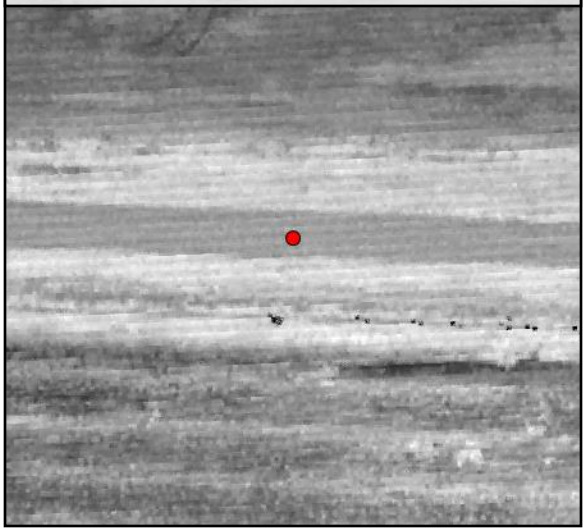
Southwest to Northeast



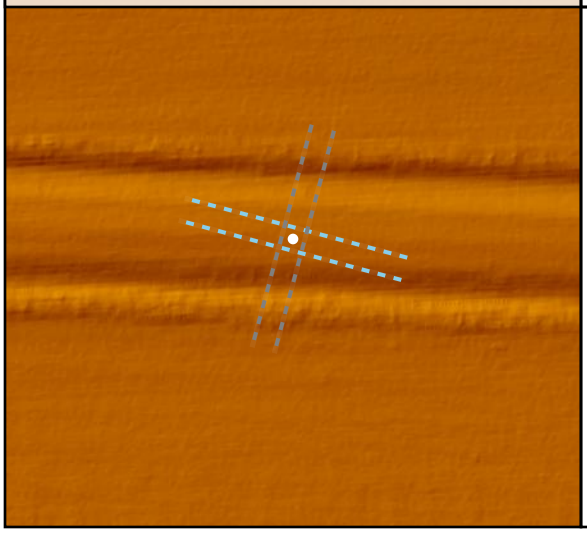
Southeast to Northwest



Intensity Raster

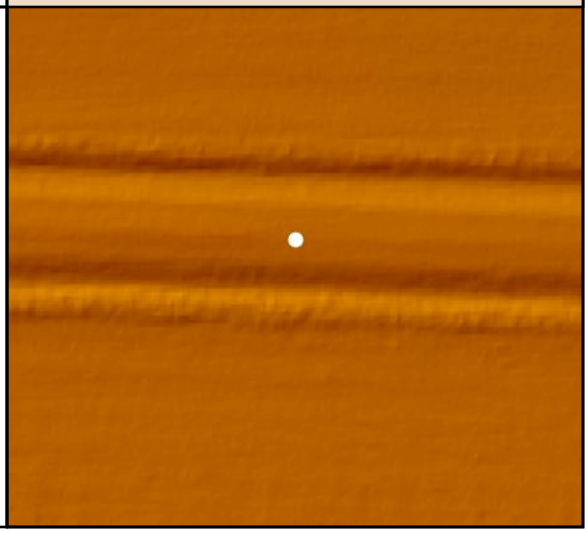


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

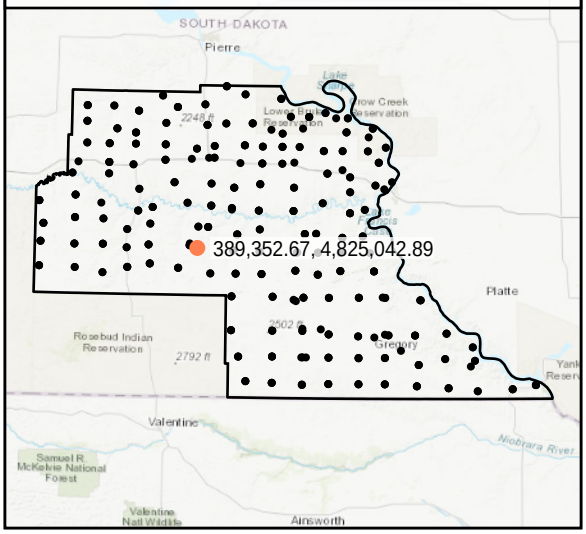
NVA - BE053

Raw TIN Dz -0.04 m

BE054

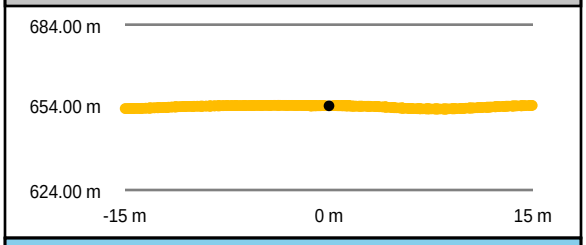
Known Z	654.54 m	Point Density	4.28 ppsm
DEM Dz	0.07 m	Ground Density	4.28 ppsm
Raw TIN Dz	0.07 m	Slope	4.97 °

Project Context

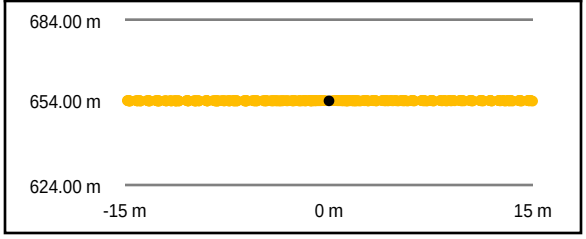


World Imagery

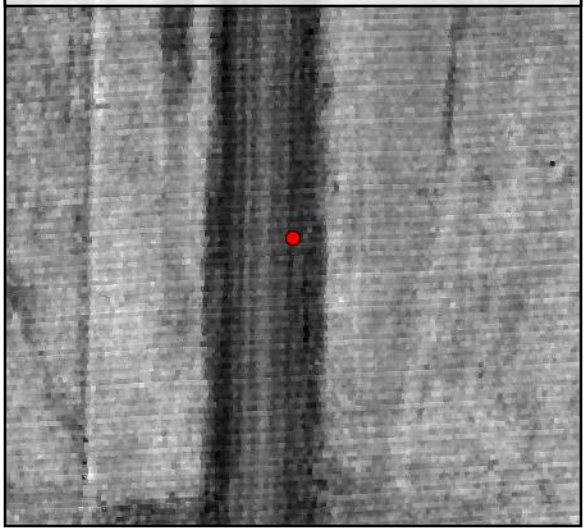
West to East



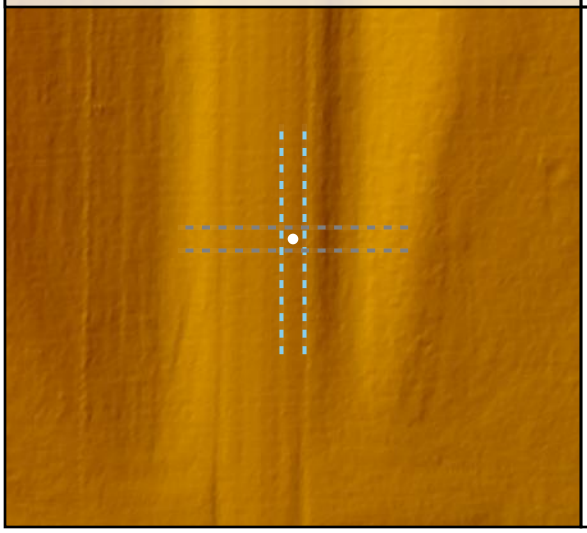
South to North



Intensity Raster

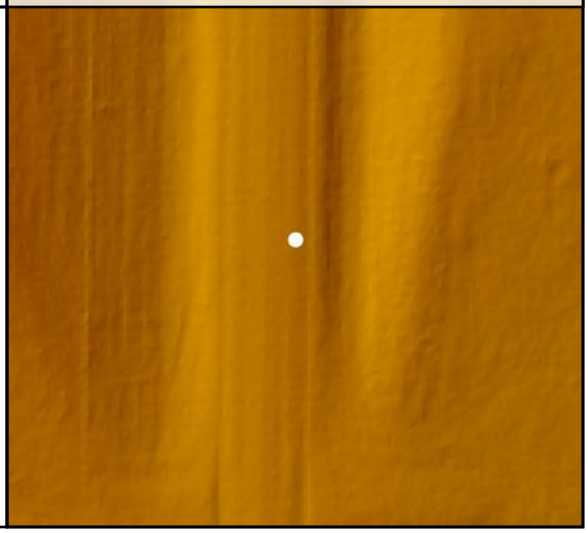


TIN Surface



Project Elevation

DEM Surface



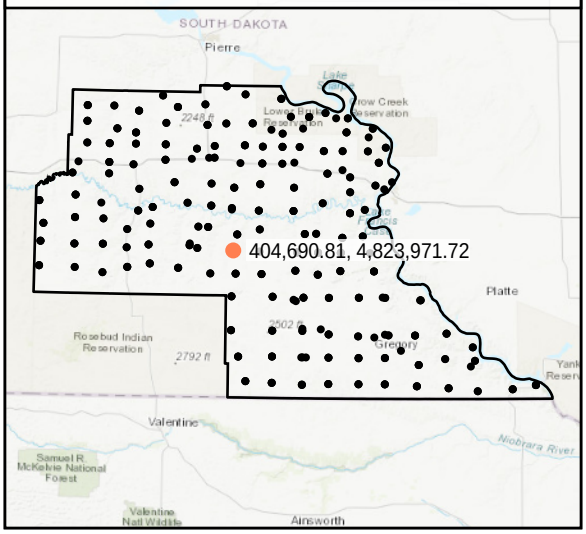
DEM Dz +0.07 m

NVA - BE054

Raw TIN Dz +0.07 m

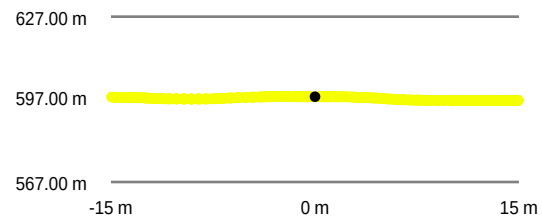
BE055				
	Known Z	597.95 m	Point Density	3.71 ppsm
	DEM Dz	-0.01 m	Ground Density	3.71 ppsm
	Raw TIN Dz	0.00 m	Slope	1.45 °

Project Context

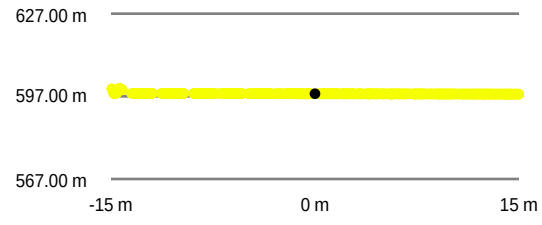


World Imagery

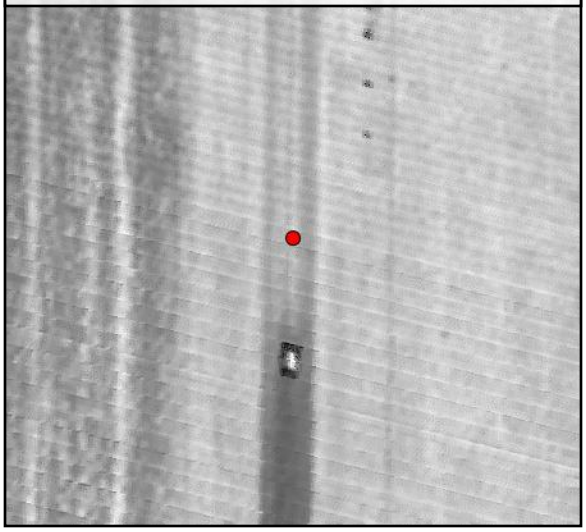
West to East



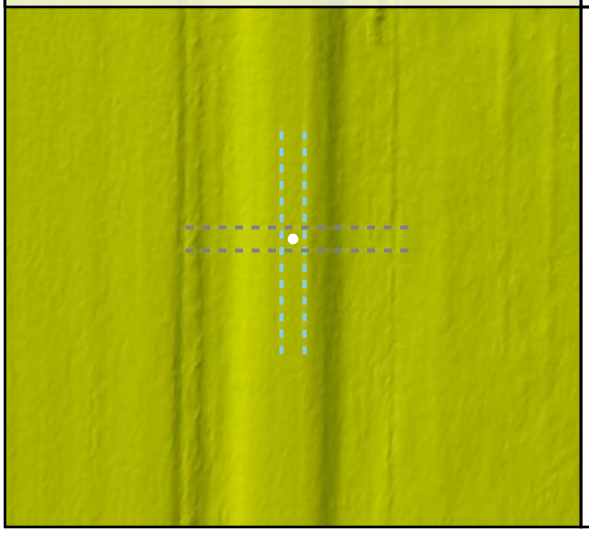
South to North



Intensity Raster

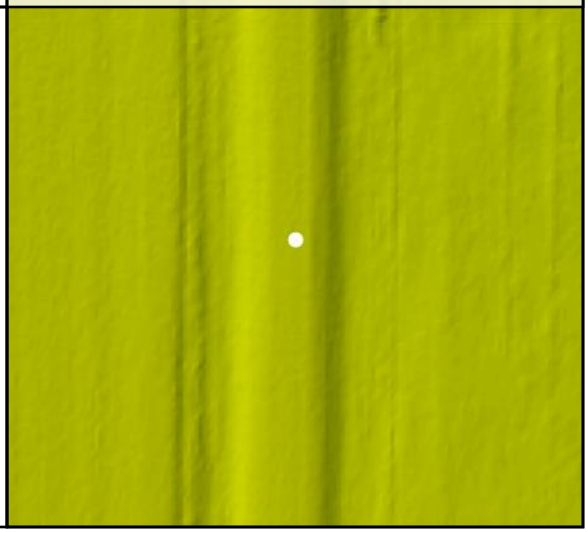


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

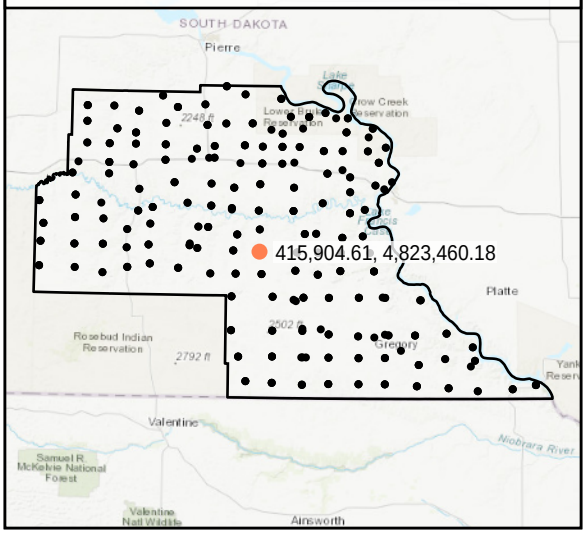
NVA - BE055

Raw TIN Dz 0.00 m

BE056

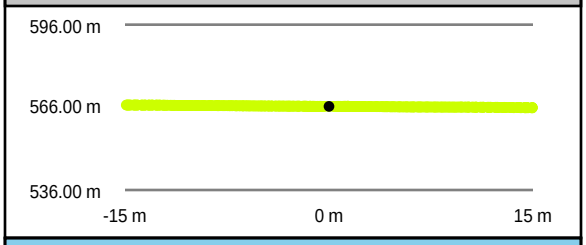
Known Z	566.34 m	Point Density	5.31 ppsm
DEM Dz	0.02 m	Ground Density	5.31 ppsm
Raw TIN Dz	0.02 m	Slope	2.06 °

Project Context

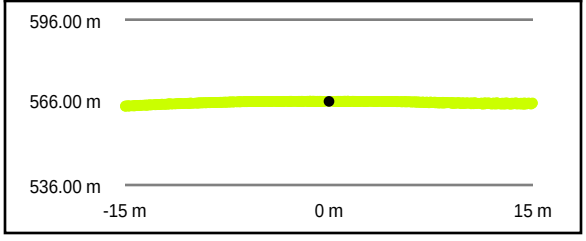


World Imagery

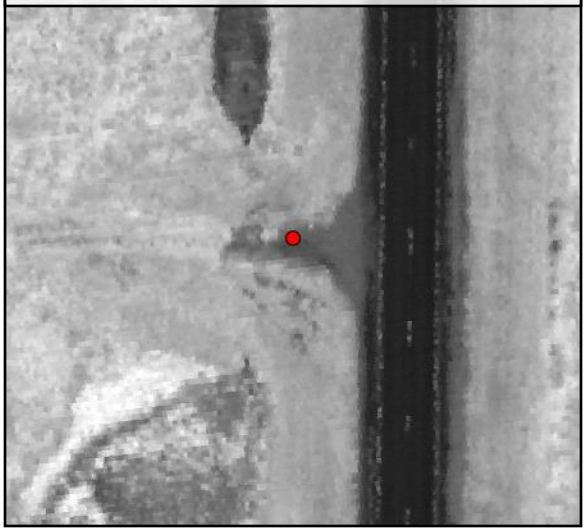
Southeast to Northwest



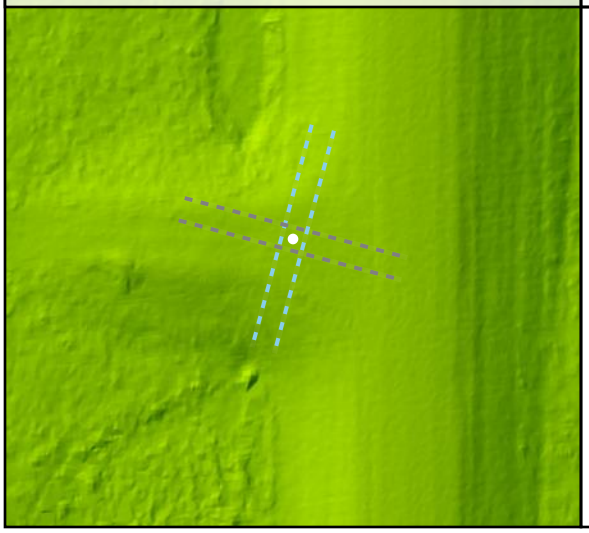
Southwest to Northeast



Intensity Raster

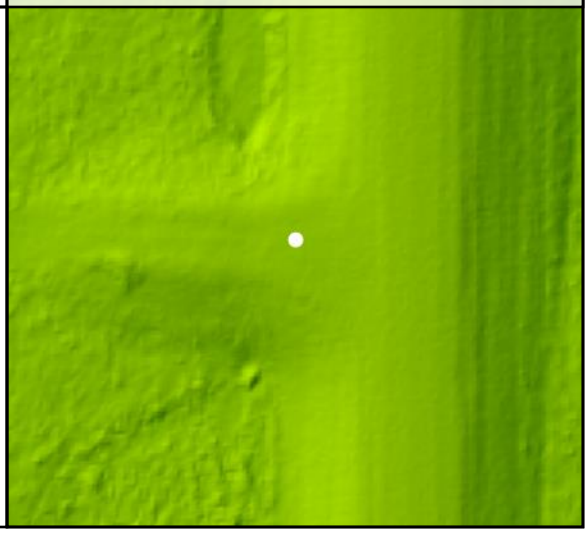


TIN Surface



Project Elevation

DEM Surface



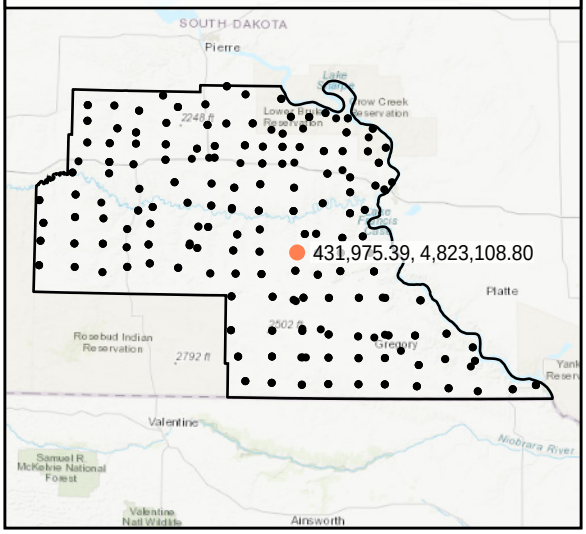
DEM Dz +0.02 m

NVA - BE056

Raw TIN Dz +0.02 m

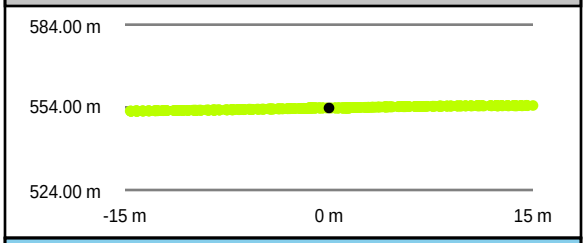
BE057				
	Known Z	553.77 m	Point Density	4.99 ppsm
	DEM Dz	0.01 m	Ground Density	4.99 ppsm
	Raw TIN Dz	0.01 m	Slope	5.02 °

Project Context

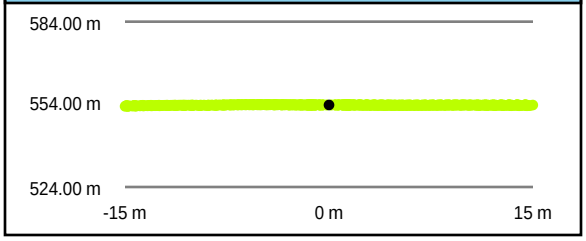


World Imagery

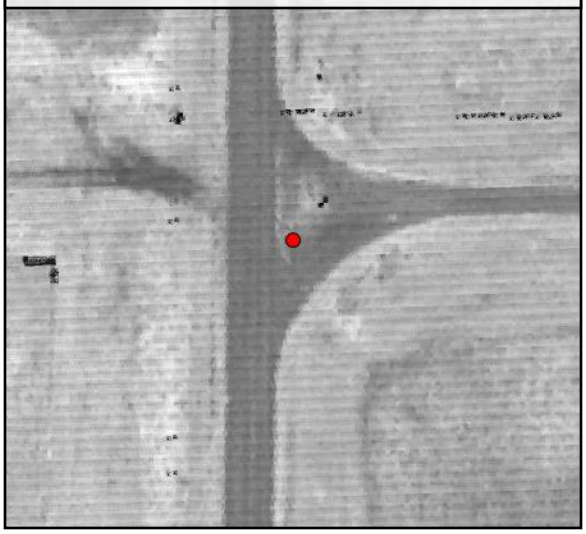
South to North



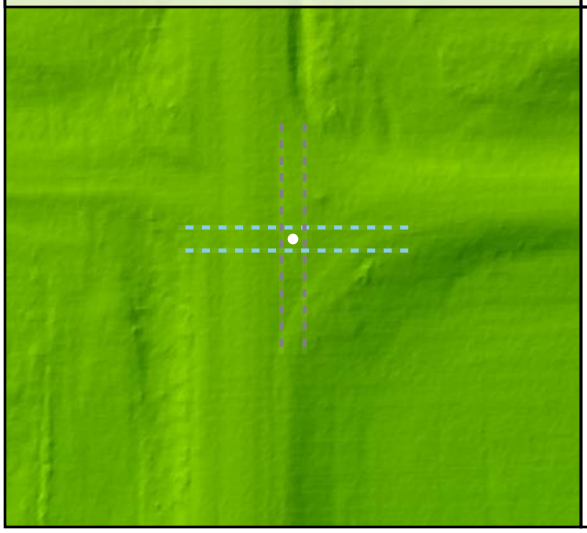
West to East



Intensity Raster

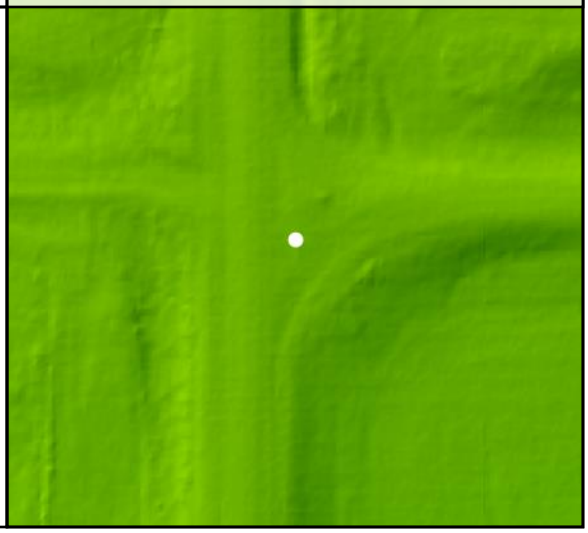


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

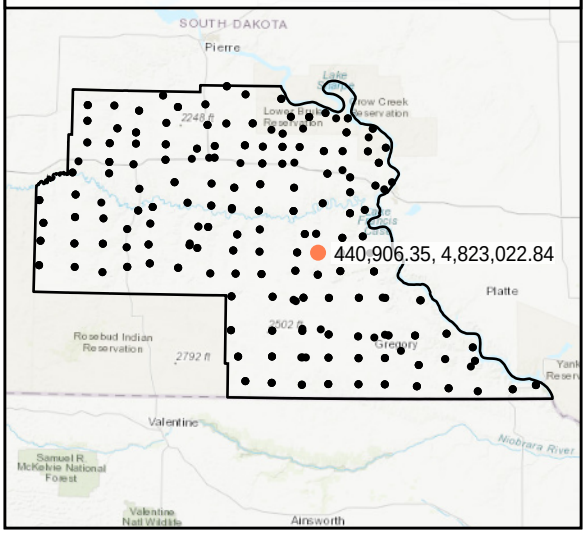
NVA - BE057

Raw TIN Dz +0.01 m

BE058

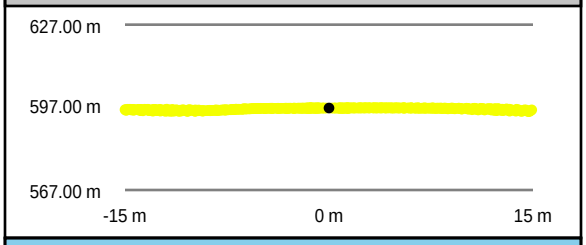
Known Z	596.75 m	Point Density	4.31 ppsm
DEM Dz	-0.01 m	Ground Density	4.31 ppsm
Raw TIN Dz	-0.02 m	Slope	2.95 °

Project Context

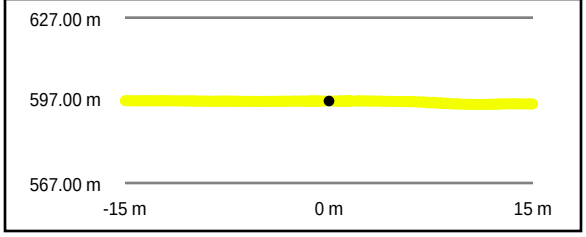


World Imagery

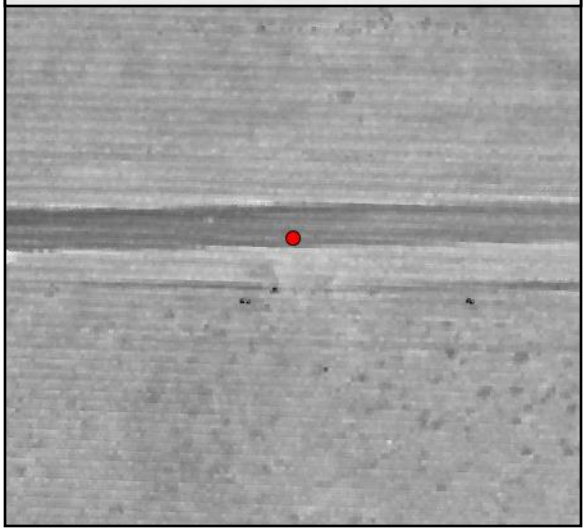
Southwest to Northeast



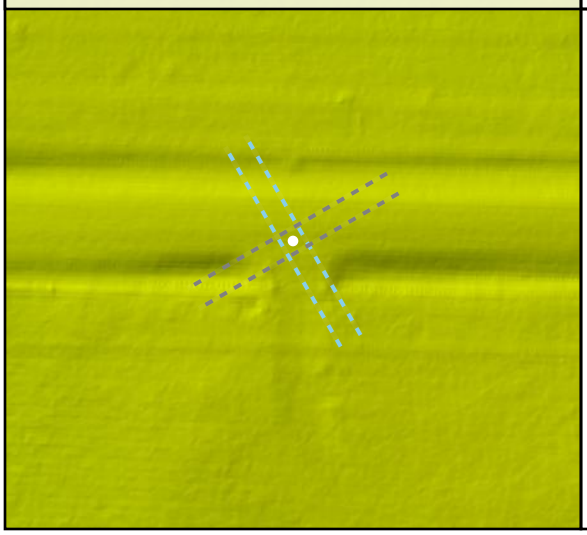
Southeast to Northwest



Intensity Raster

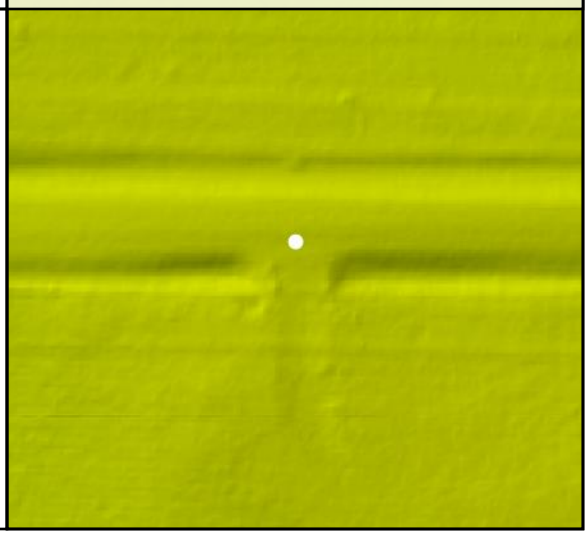


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

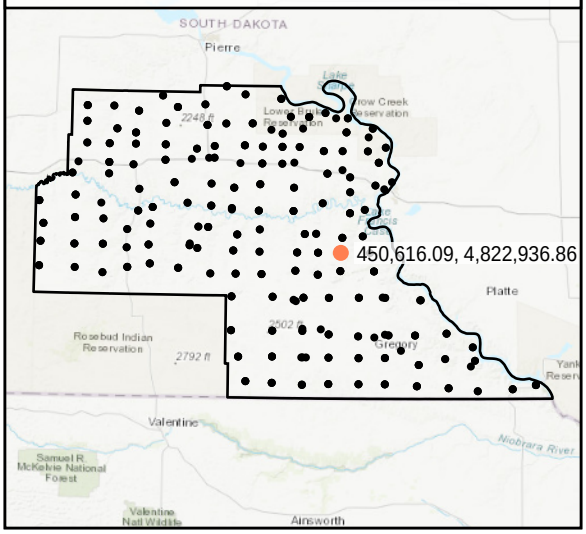
NVA - BE058

Raw TIN Dz -0.02 m

BE059

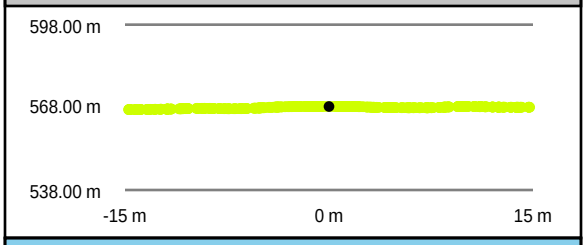
Known Z	568.30 m	Point Density	4.99 ppsm
DEM Dz	0.01 m	Ground Density	4.99 ppsm
Raw TIN Dz	0.02 m	Slope	2.41 °

Project Context

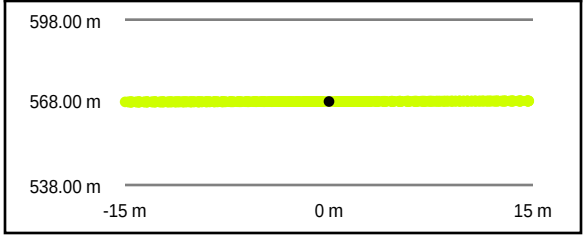


World Imagery

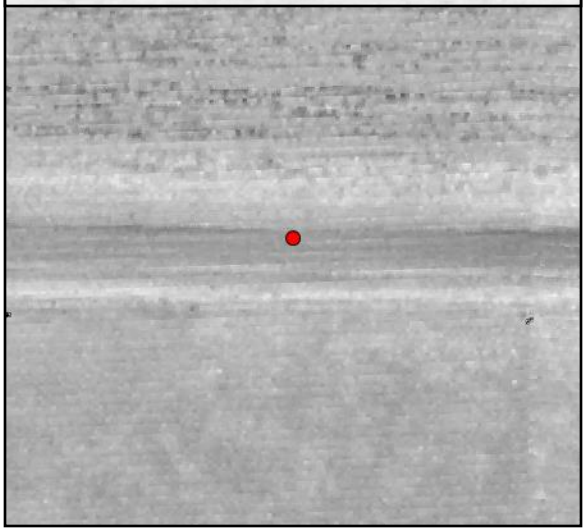
South to North



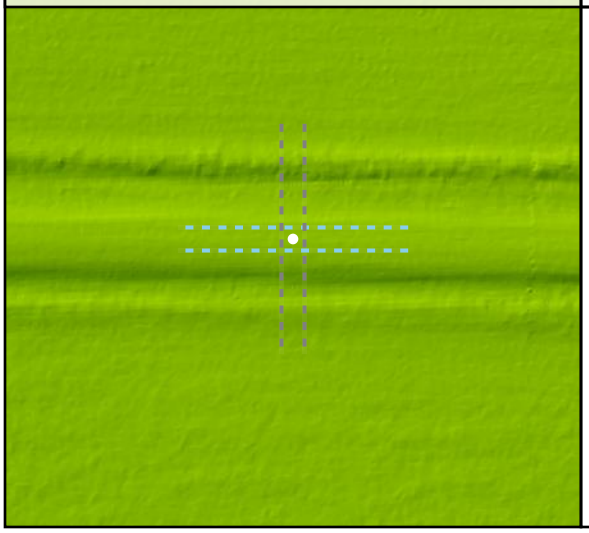
West to East



Intensity Raster

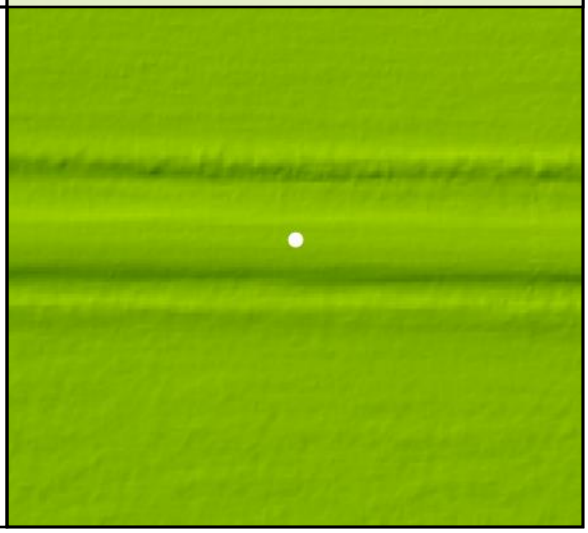


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

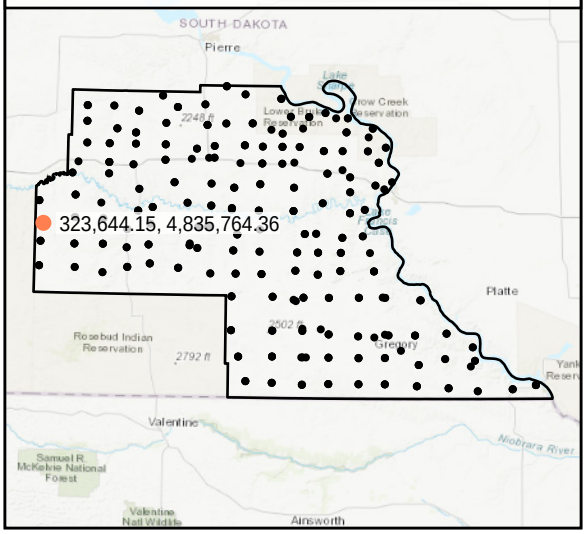
NVA - BE059

Raw TIN Dz +0.02 m

BE060

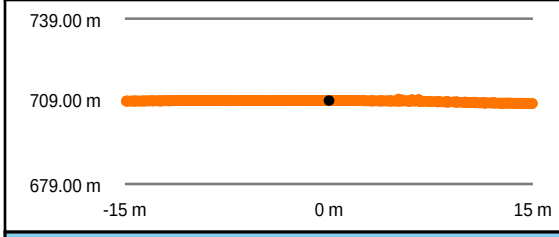
Known Z	709.28 m	Point Density	5.06 ppsm
DEM Dz	0.02 m	Ground Density	5.06 ppsm
Raw TIN Dz	0.02 m	Slope	0.69 °

Project Context

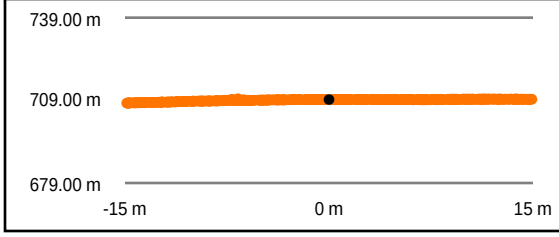


World Imagery

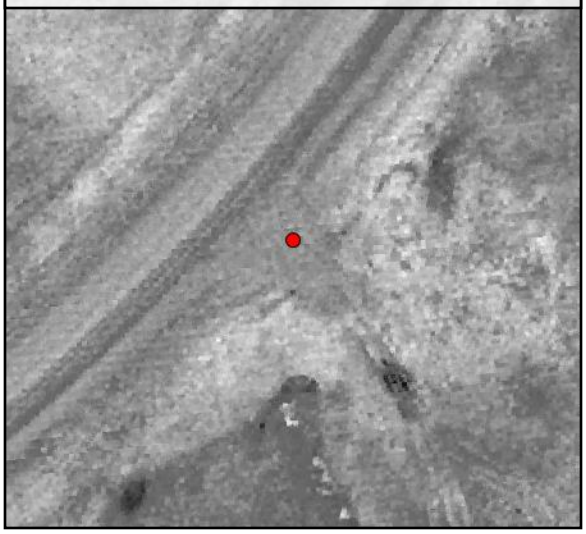
West to East



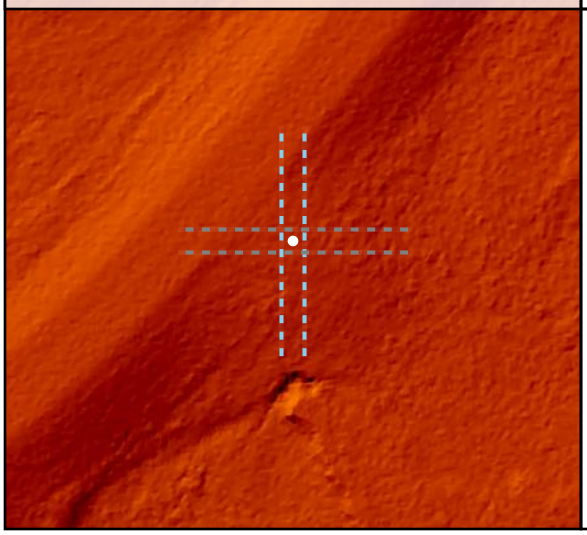
South to North



Intensity Raster

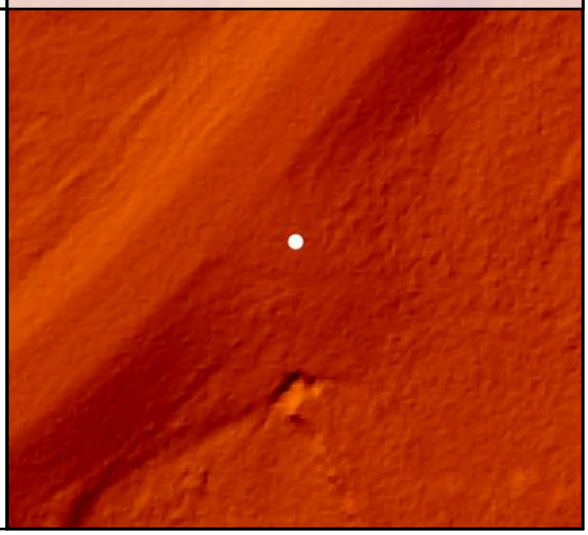


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

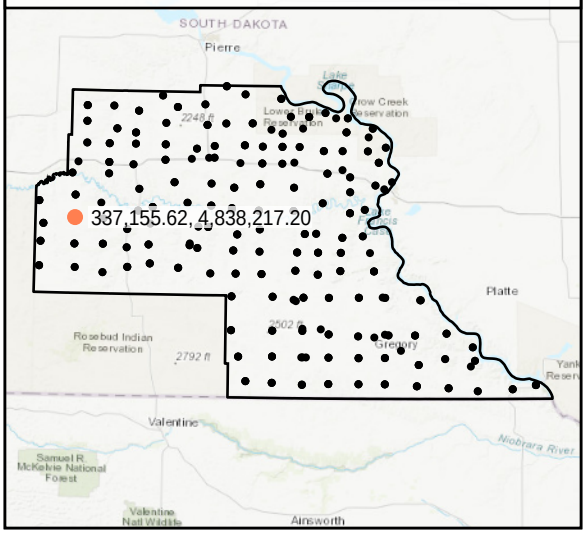
NVA - BE060

Raw TIN Dz +0.02 m

BE061

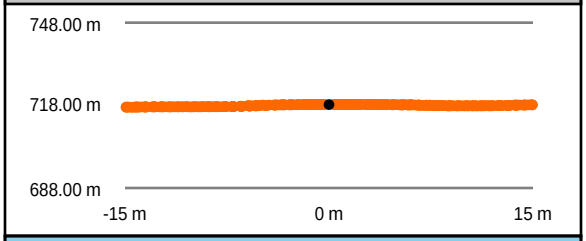
Known Z	718.28 m	Point Density	3.36 ppsm
DEM Dz	0.02 m	Ground Density	3.36 ppsm
Raw TIN Dz	0.01 m	Slope	2.11 °

Project Context

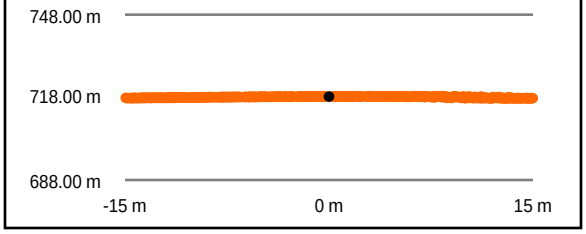


World Imagery

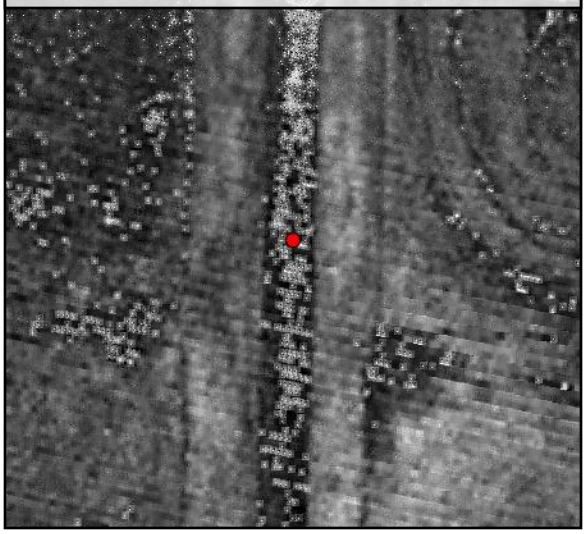
Southeast to Northwest



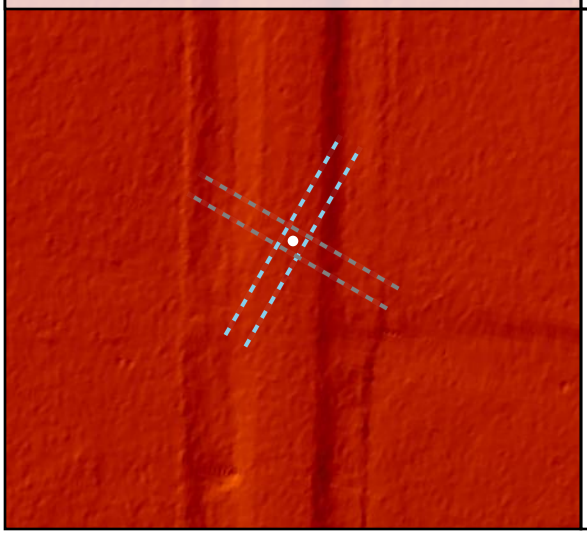
Southwest to Northeast



Intensity Raster

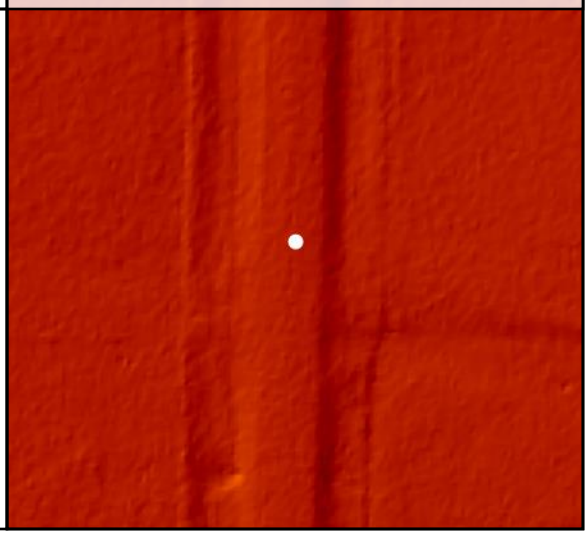


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

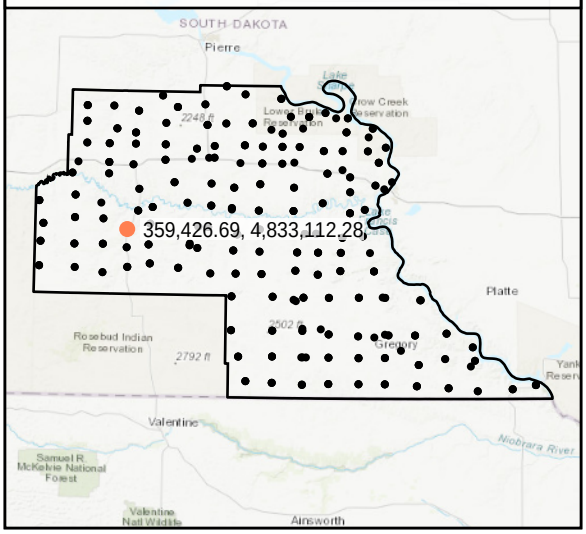
NVA - BE061

Raw TIN Dz +0.01 m

BE062

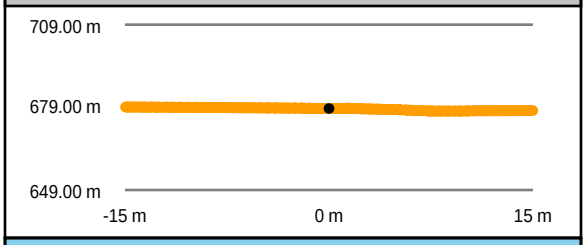
Known Z	678.58 m	Point Density	4.99 ppsm
DEM Dz	0.03 m	Ground Density	4.99 ppsm
Raw TIN Dz	0.03 m	Slope	3.52 °

Project Context

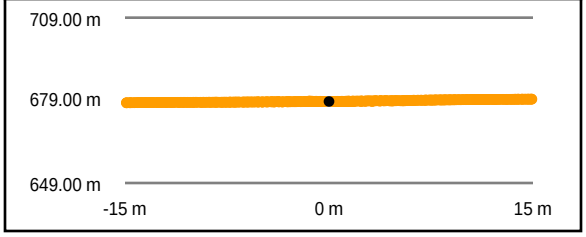


World Imagery

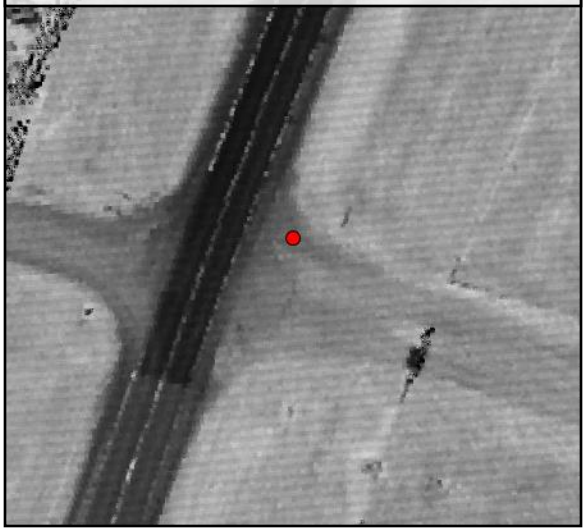
Southwest to Northeast



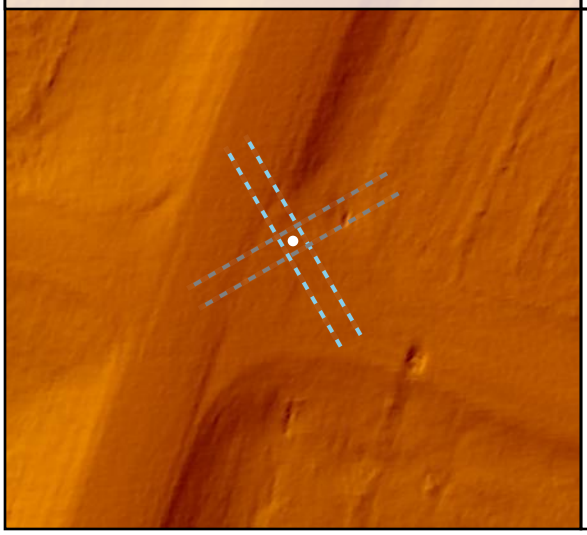
Southeast to Northwest



Intensity Raster

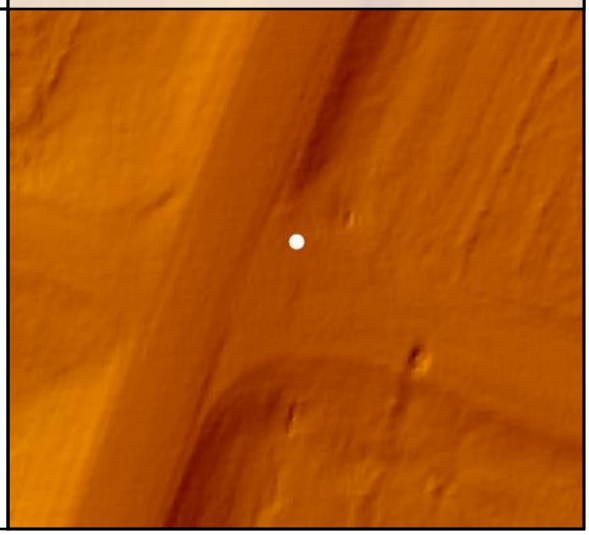


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

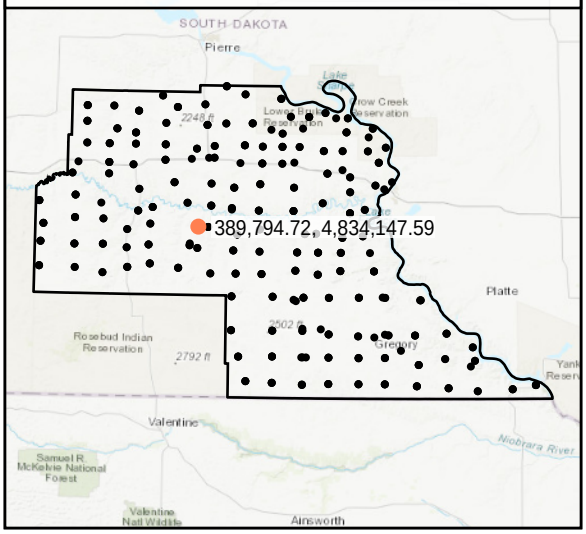
NVA - BE062

Raw TIN Dz +0.03 m

BE063

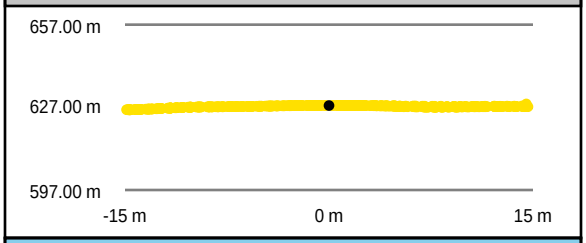
Known Z	627.65 m	Point Density	4.42 ppsm
DEM Dz	0.03 m	Ground Density	4.42 ppsm
Raw TIN Dz	0.03 m	Slope	1.44 °

Project Context

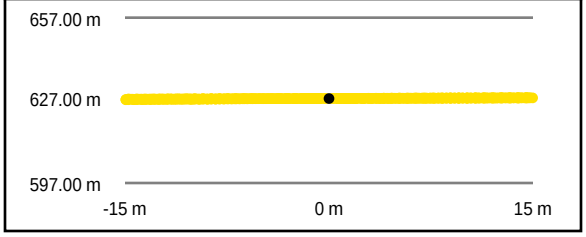


World Imagery

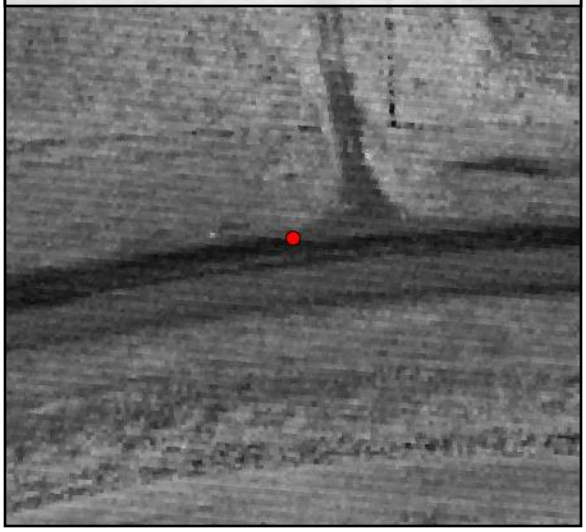
South to North



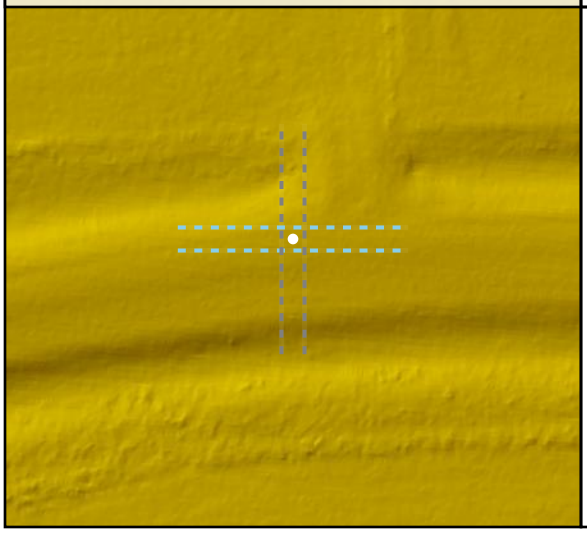
West to East



Intensity Raster

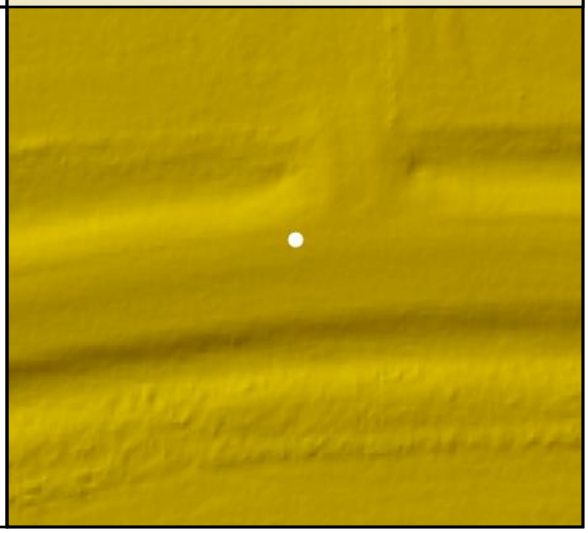


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

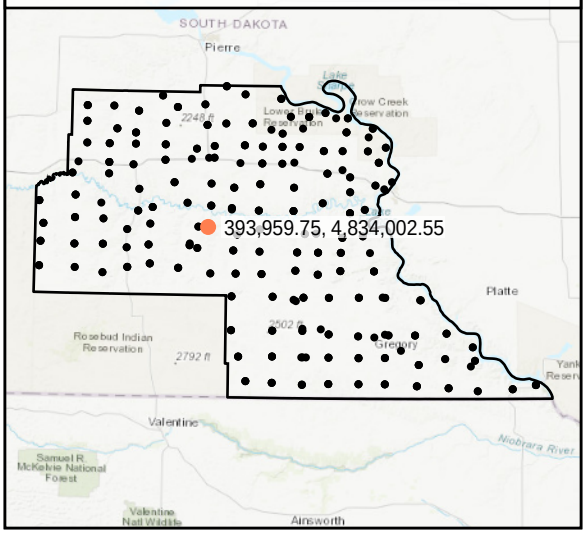
NVA - BE063

Raw TIN Dz +0.03 m

BE064

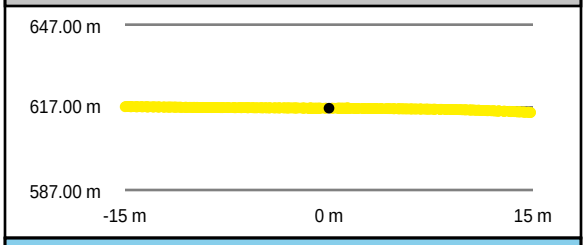
Known Z	616.68 m	Point Density	4.74 ppsm
DEM Dz	0.00 m	Ground Density	4.74 ppsm
Raw TIN Dz	0.01 m	Slope	2.41 °

Project Context

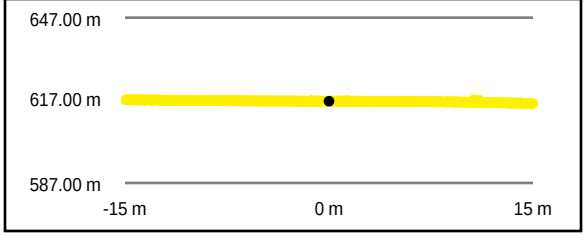


World Imagery

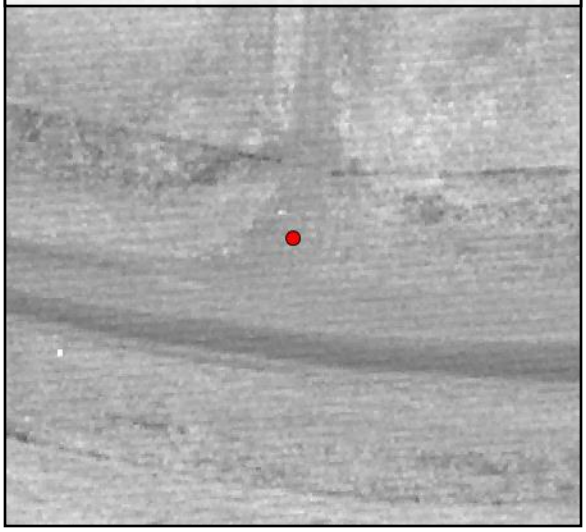
Southeast to Northwest



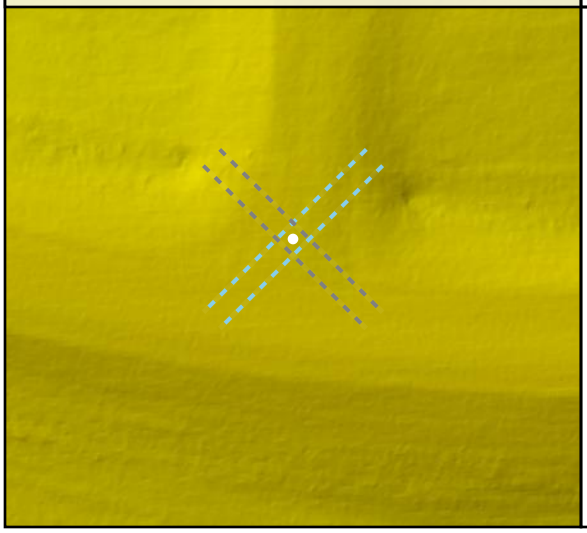
Southwest to Northeast



Intensity Raster

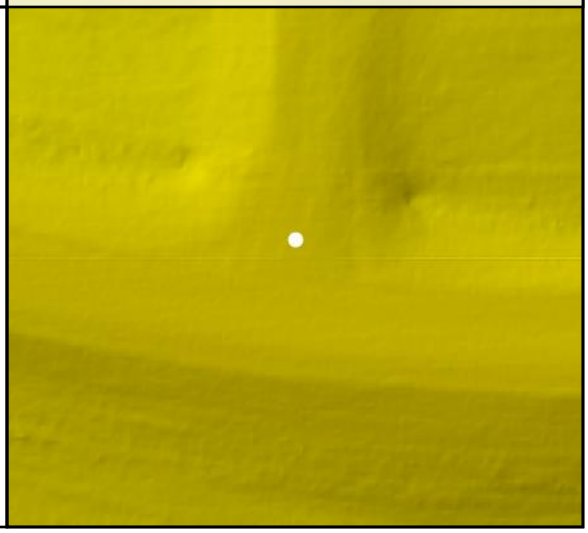


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

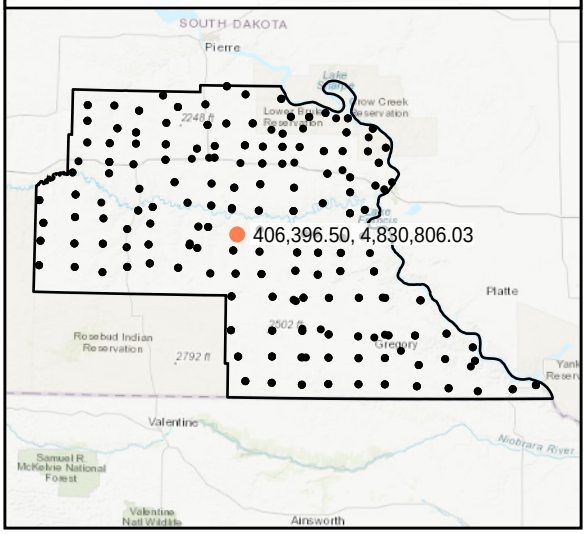
NVA - BE064

Raw TIN Dz +0.01 m

BE065

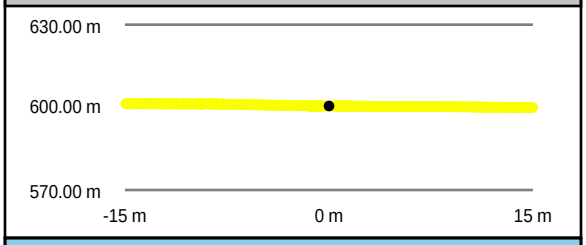
Known Z	600.48 m	Point Density	4.63 ppsm
DEM Dz	-0.02 m	Ground Density	4.63 ppsm
Raw TIN Dz	-0.02 m	Slope	4.61 °

Project Context

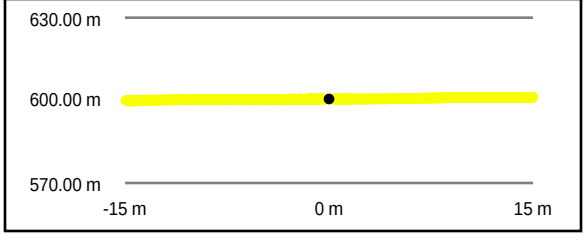


World Imagery

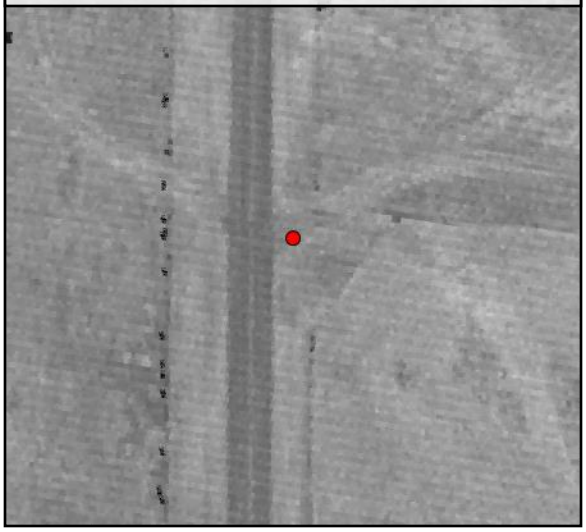
Southeast to Northwest



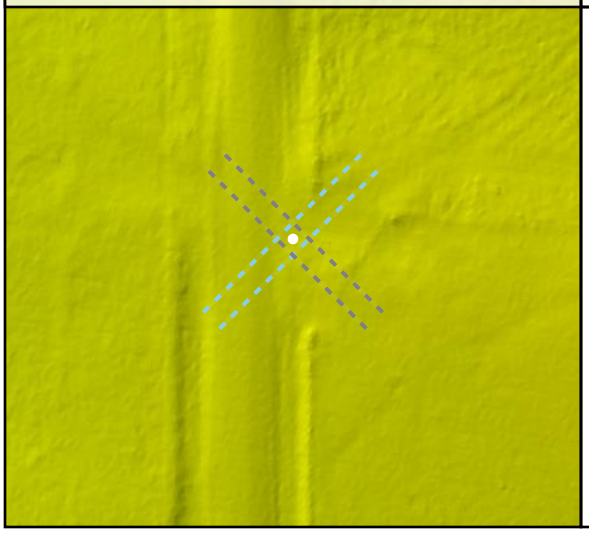
Southwest to Northeast



Intensity Raster

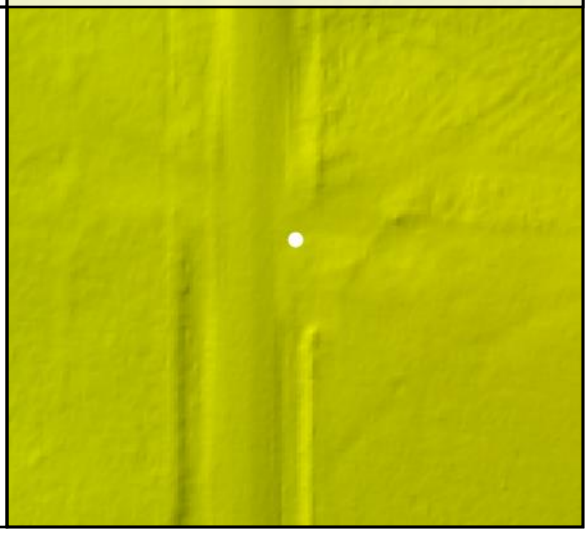


TIN Surface



Project Elevation

DEM Surface



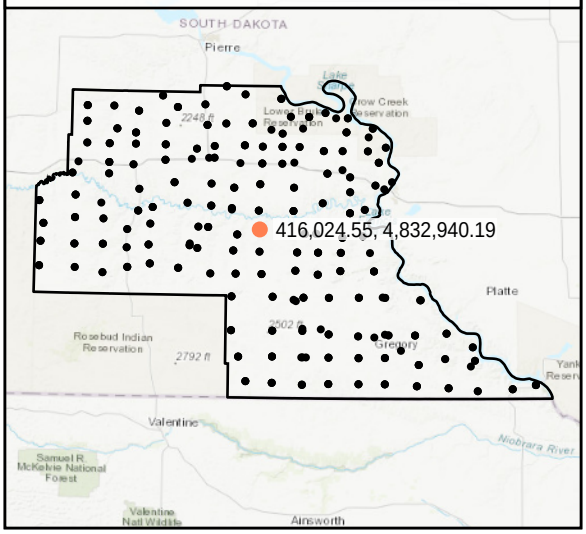
DEM Dz -0.02 m

NVA - BE065

Raw TIN Dz -0.02 m

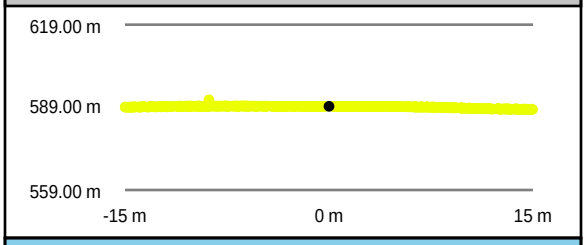
BE066				
	Known Z	589.36 m	Point Density	4.74 ppsm
	DEM Dz	-0.01 m	Ground Density	4.74 ppsm
	Raw TIN Dz	-0.01 m	Slope	0.86 °

Project Context

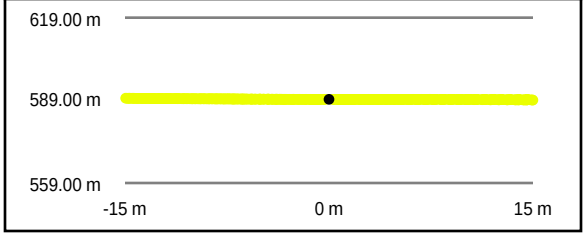


World Imagery

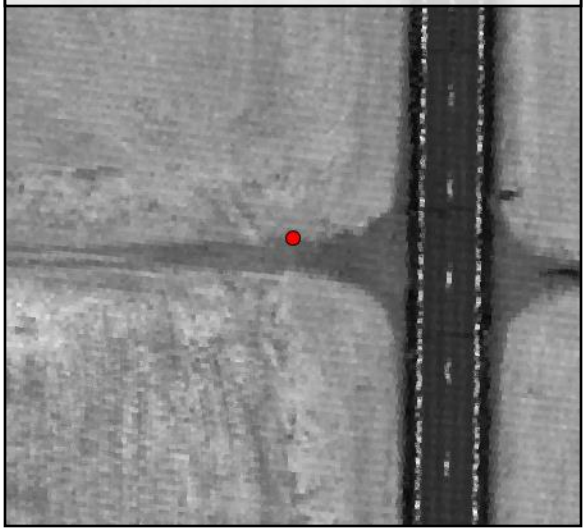
Southwest to Northeast



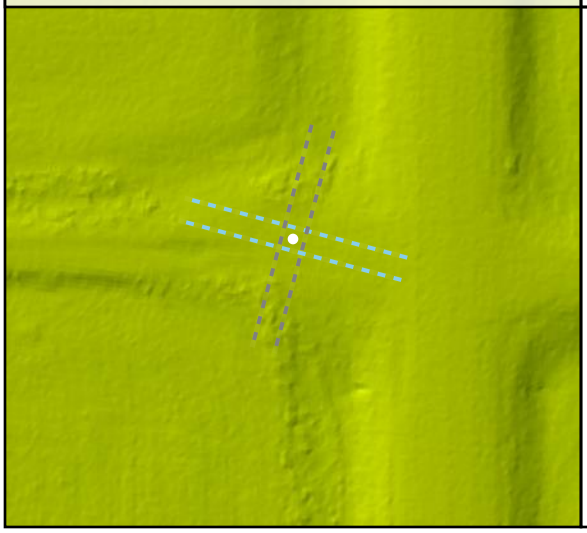
Southeast to Northwest



Intensity Raster

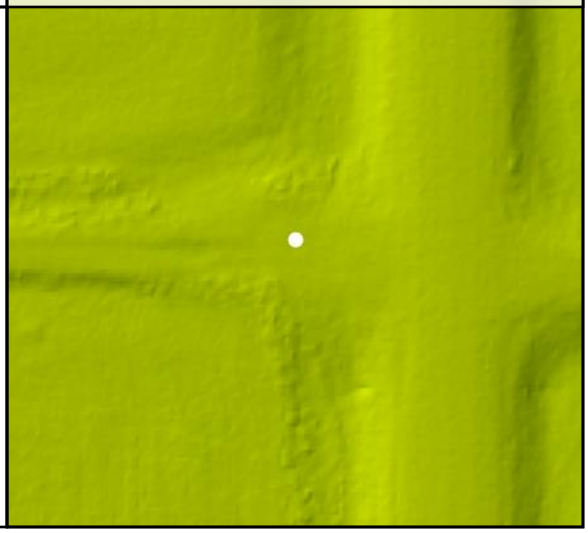


TIN Surface



Project Elevation

DEM Surface



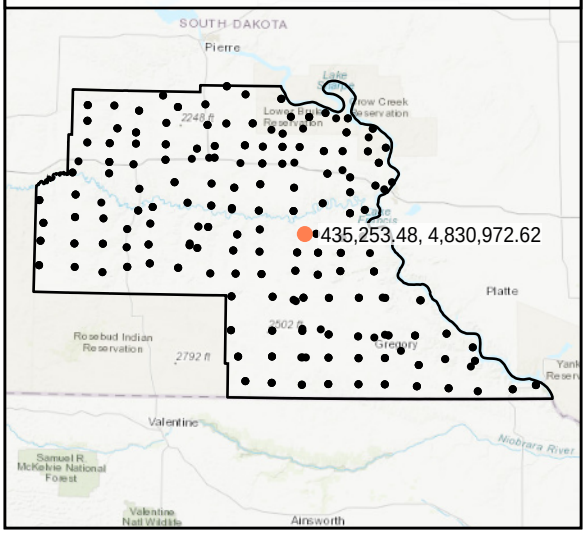
DEM Dz -0.01 m

NVA - BE066

Raw TIN Dz -0.01 m

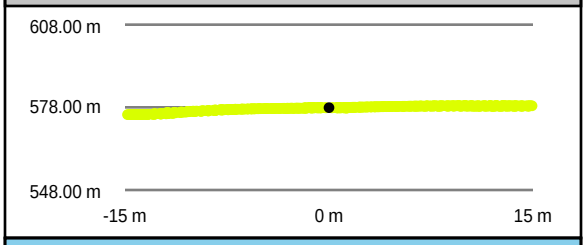
BE067				
	Known Z	577.88 m	Point Density	4.74 ppsm
	DEM Dz	-0.02 m	Ground Density	4.74 ppsm
	Raw TIN Dz	-0.03 m	Slope	6.44 °

Project Context

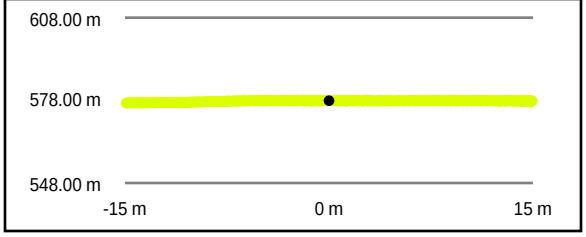


World Imagery

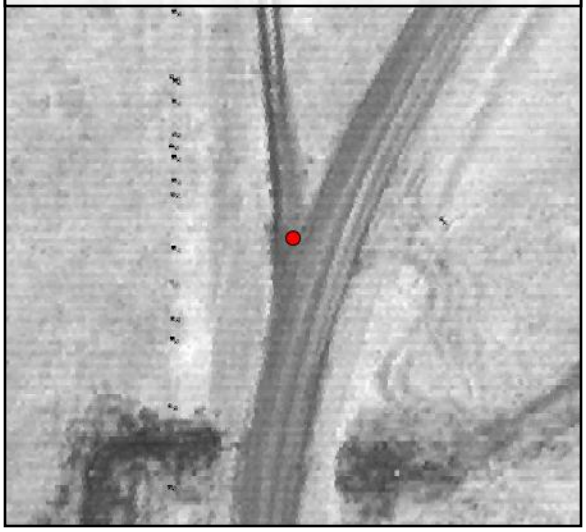
Southwest to Northeast



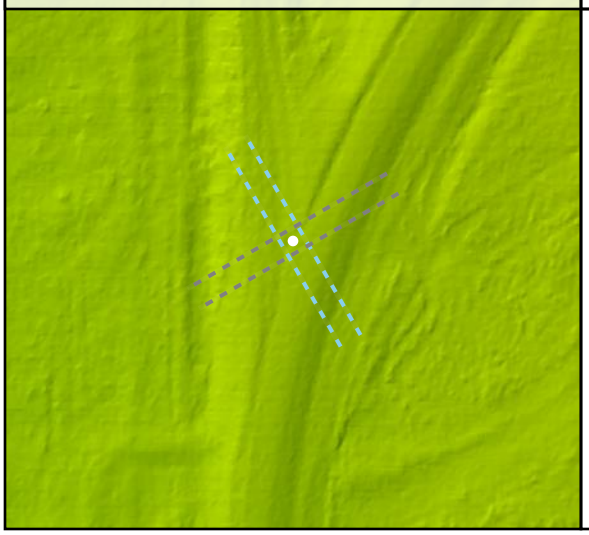
Southeast to Northwest



Intensity Raster

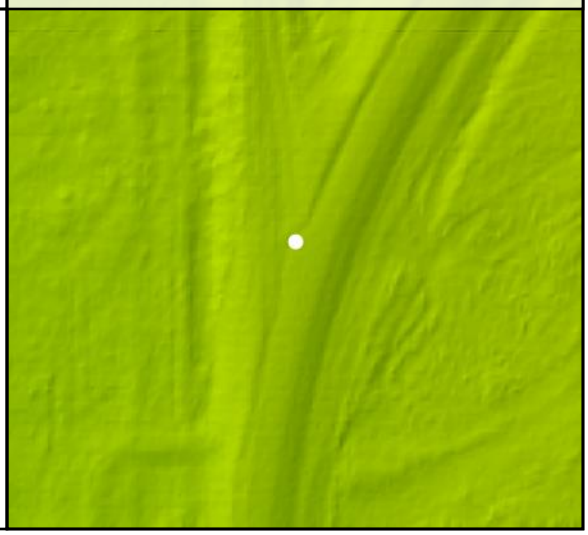


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

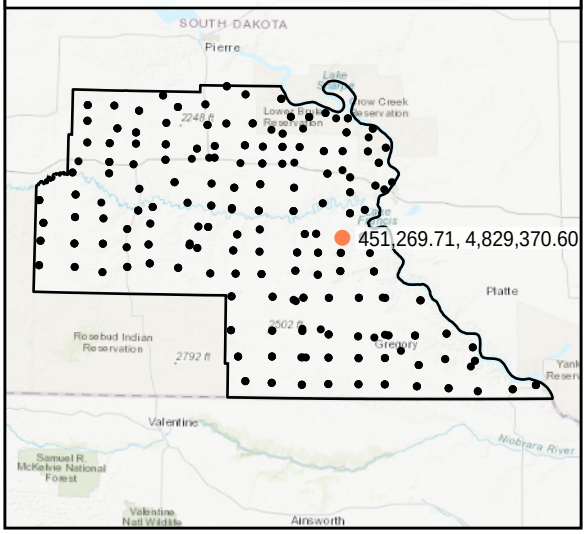
NVA - BE067

Raw TIN Dz -0.03 m

BE068

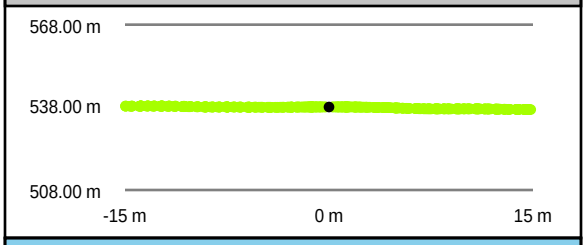
Known Z	538.11 m	Point Density	4.46 ppsm
DEM Dz	0.03 m	Ground Density	4.46 ppsm
Raw TIN Dz	0.03 m	Slope	0.97 °

Project Context

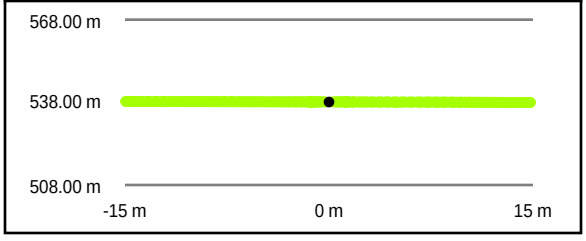


World Imagery

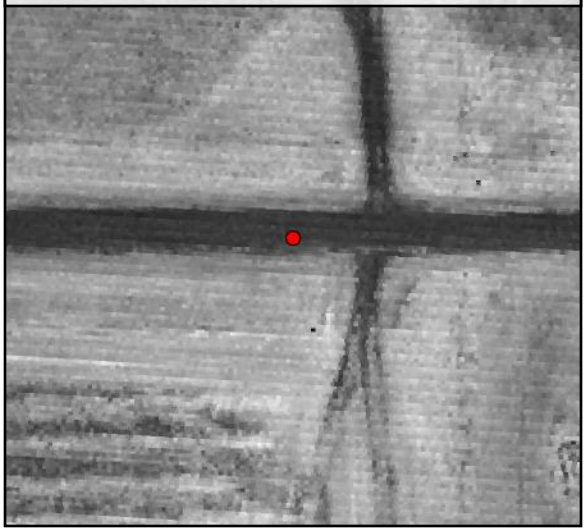
South to North



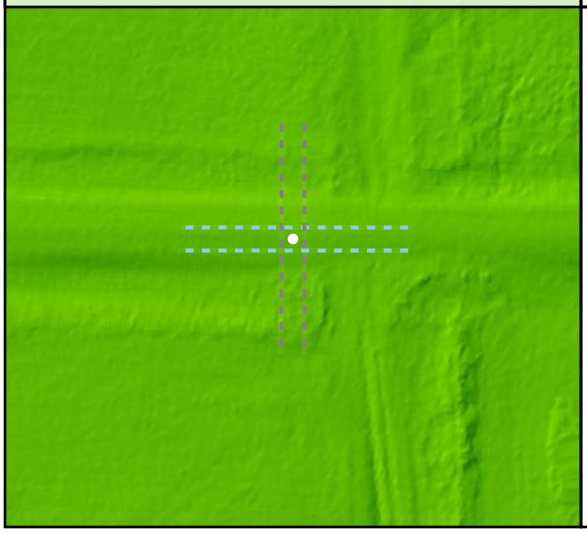
West to East



Intensity Raster

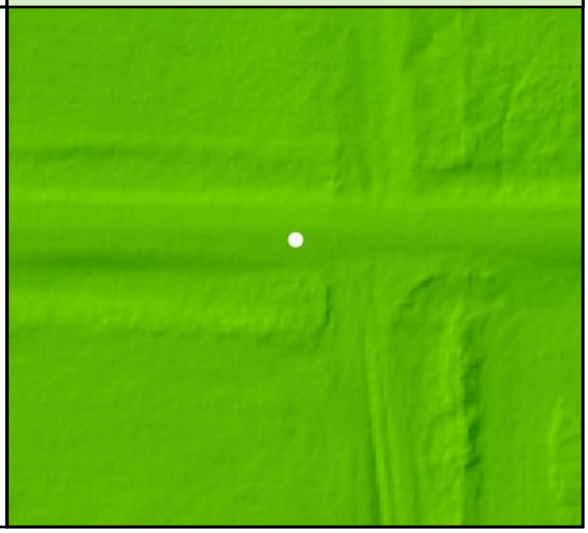


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

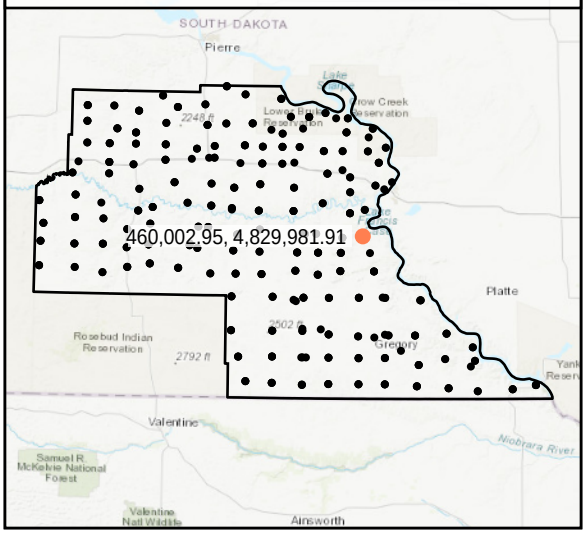
NVA - BE068

Raw TIN Dz +0.03 m

BE069

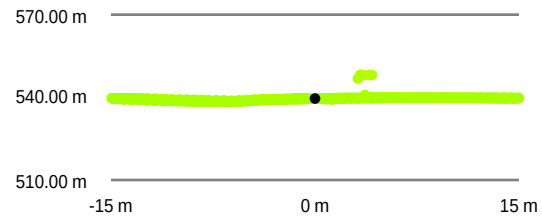
Known Z	539.56 m	Point Density	5.31 ppsm
DEM Dz	-0.06 m	Ground Density	5.31 ppsm
Raw TIN Dz	-0.06 m	Slope	6.49 °

Project Context

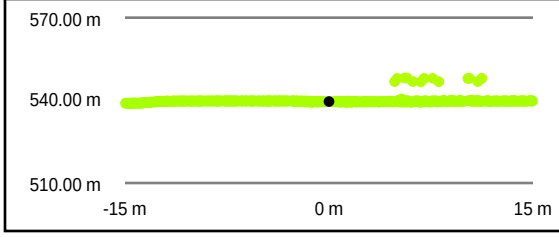


World Imagery

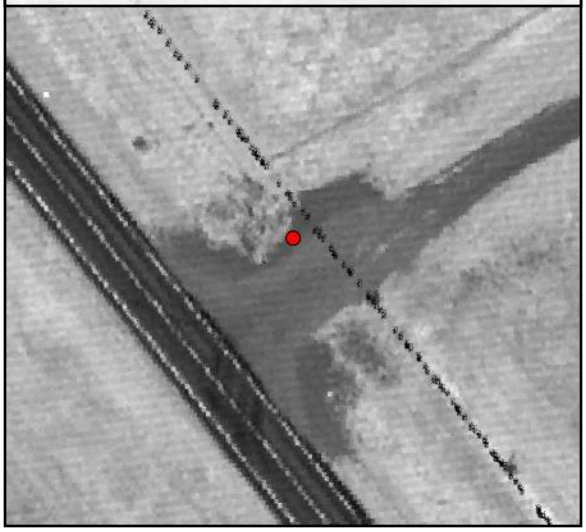
Southwest to Northeast



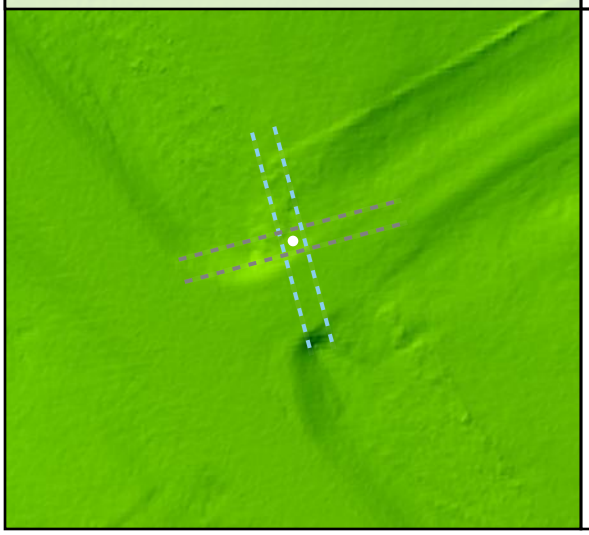
Southeast to Northwest



Intensity Raster



TIN Surface

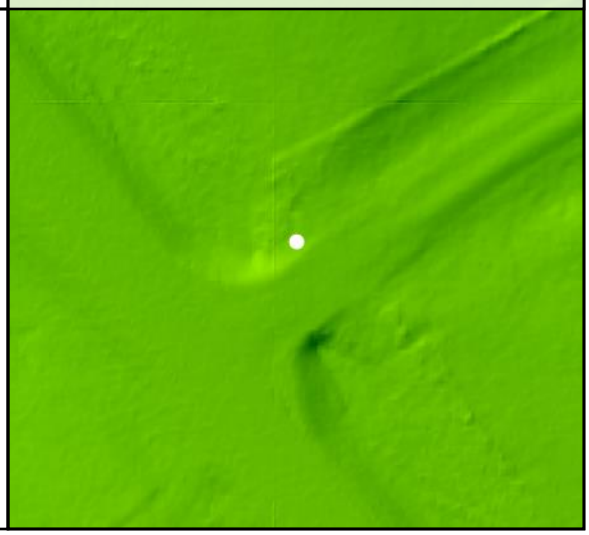


Project Elevation

795.78

413.64

DEM Surface



DEM Dz -0.06 m

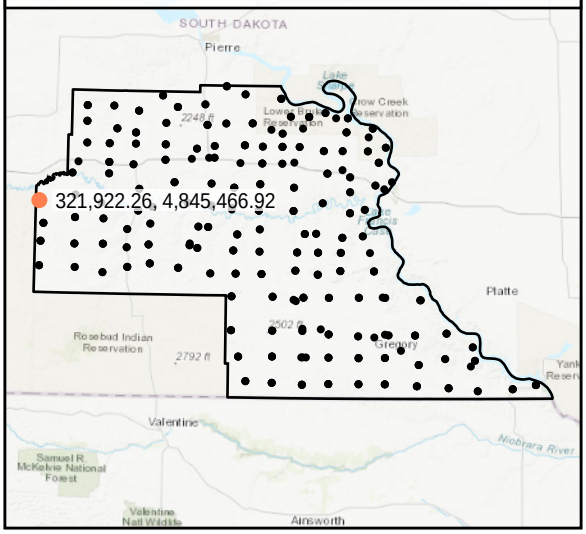
NVA - BE069

Raw TIN Dz -0.06 m

BE070

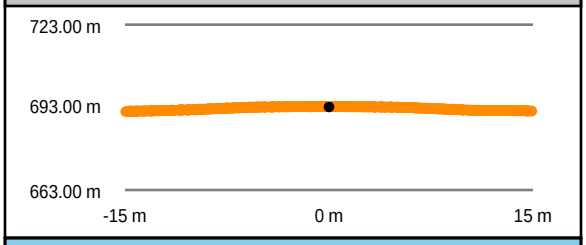
Known Z	693.14 m	Point Density	6.12 ppsm
DEM Dz	0.14 m	Ground Density	6.08 ppsm
Raw TIN Dz	0.14 m	Slope	1.31 °

Project Context

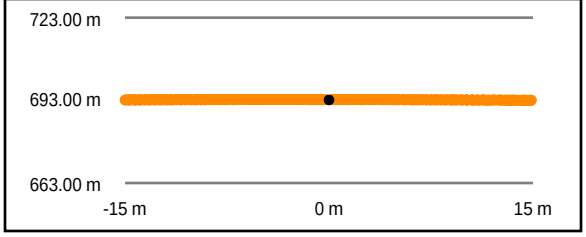


World Imagery

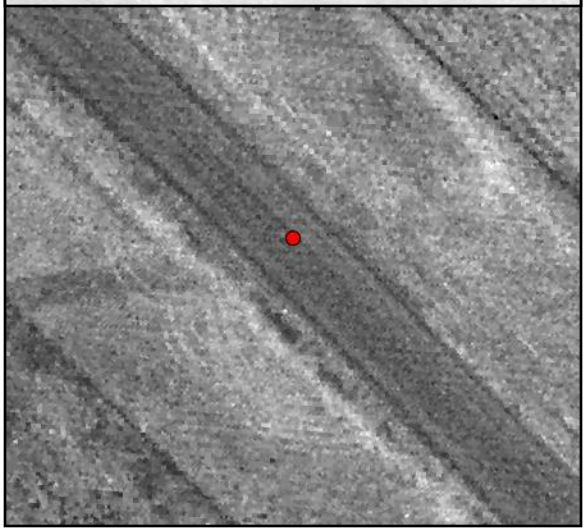
Southwest to Northeast



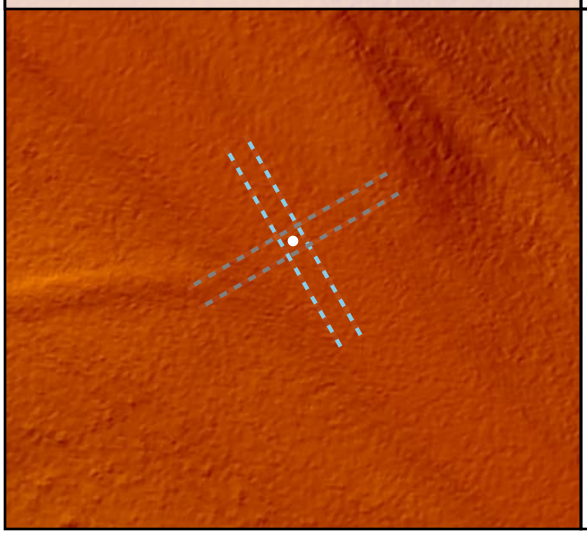
Southeast to Northwest



Intensity Raster

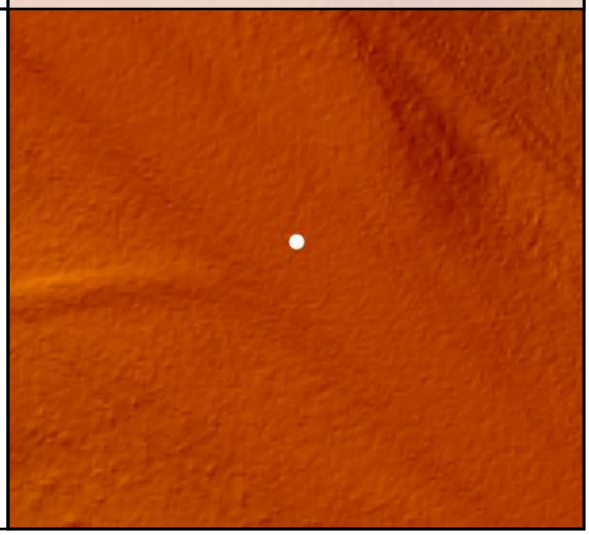


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.14 m

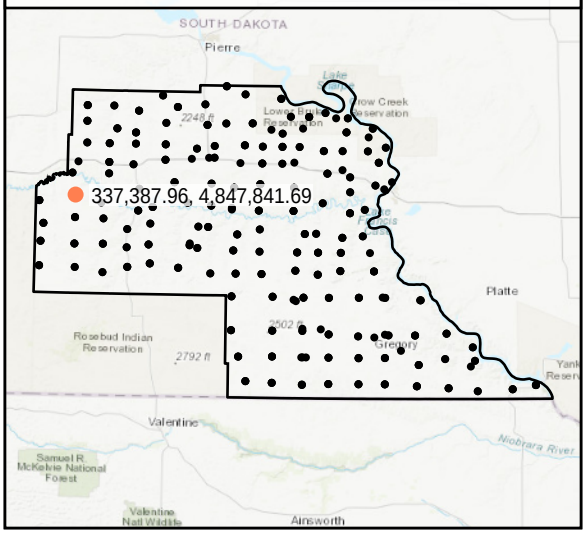
NVA - BE070

Raw TIN Dz +0.14 m

BE071

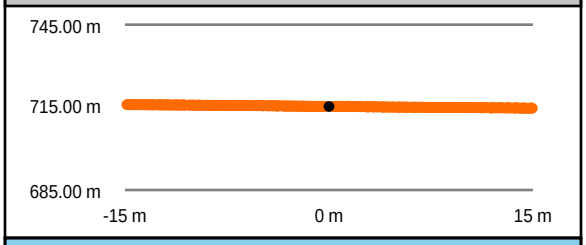
Known Z	715.30 m	Point Density	5.23 ppsm
DEM Dz	0.04 m	Ground Density	5.23 ppsm
Raw TIN Dz	0.04 m	Slope	3.72 °

Project Context

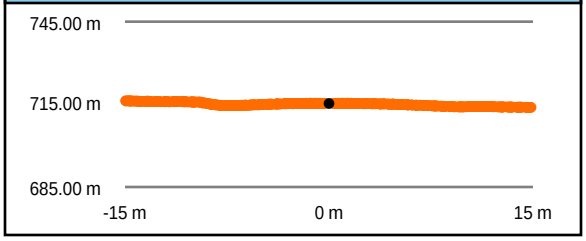


World Imagery

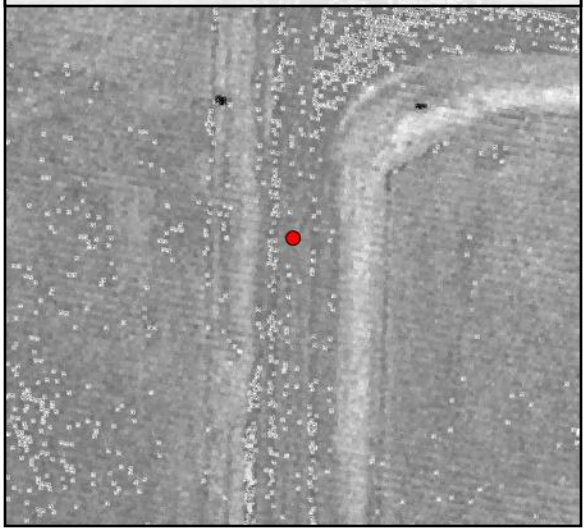
South to North



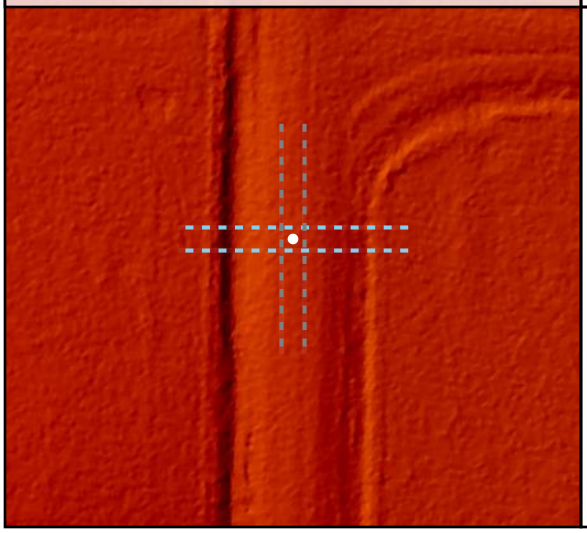
West to East



Intensity Raster

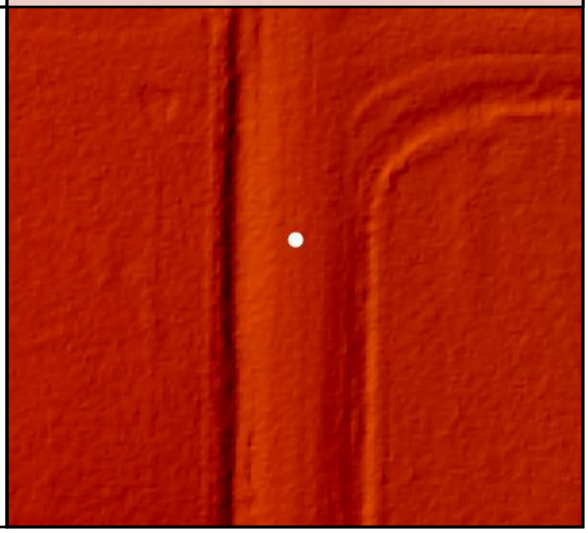


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

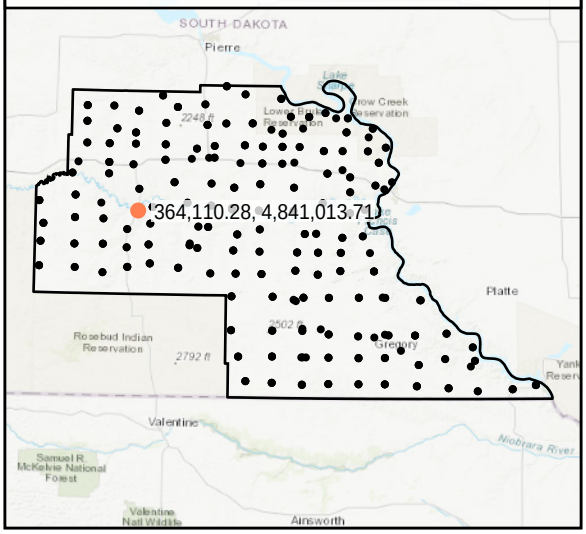
NVA - BE071

Raw TIN Dz +0.04 m

BE072

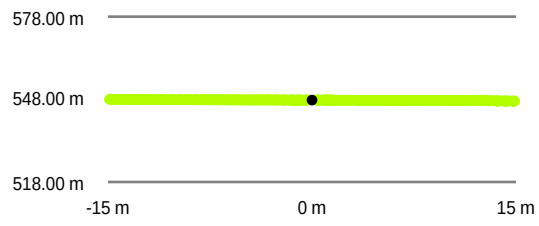
Known Z	547.73 m	Point Density	4.49 ppsm
DEM Dz	0.00 m	Ground Density	4.49 ppsm
Raw TIN Dz	0.00 m	Slope	3.08 °

Project Context

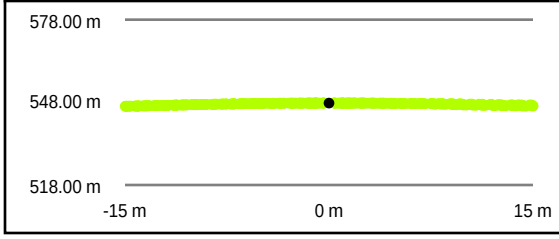


World Imagery

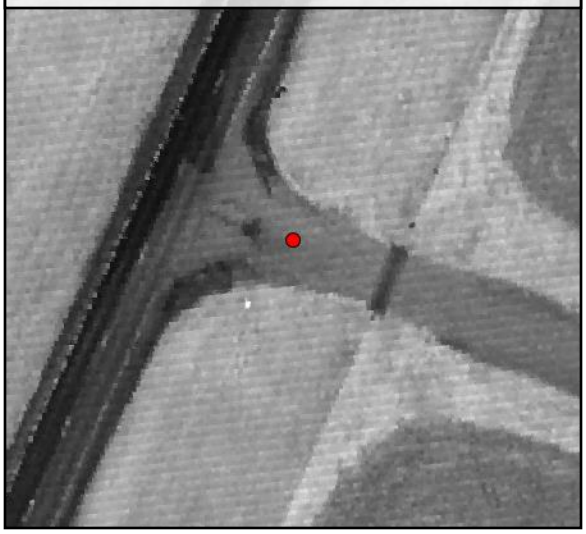
West to East



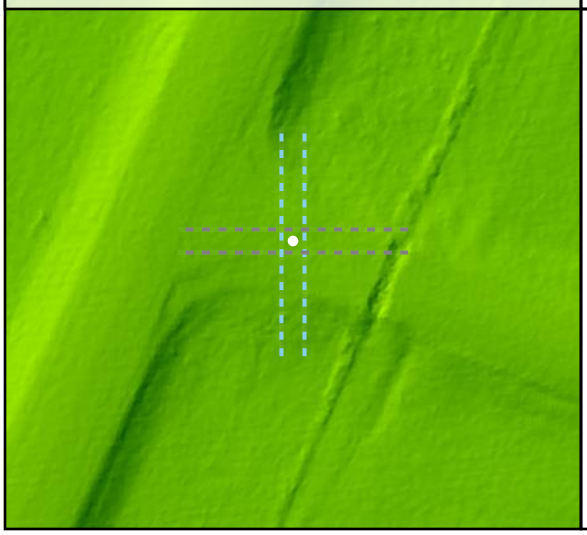
South to North



Intensity Raster

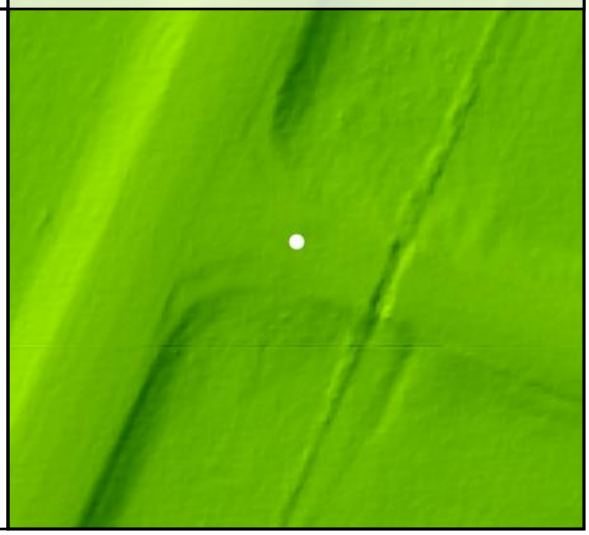


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

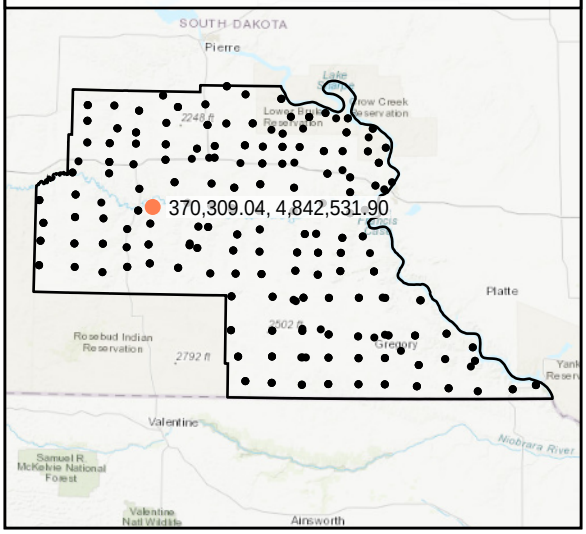
NVA - BE072

Raw TIN Dz 0.00 m

BE073

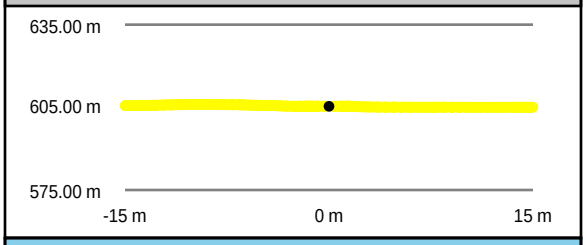
Known Z	605.36 m	Point Density	4.49 ppsm
DEM Dz	0.04 m	Ground Density	4.49 ppsm
Raw TIN Dz	0.04 m	Slope	1.90 °

Project Context

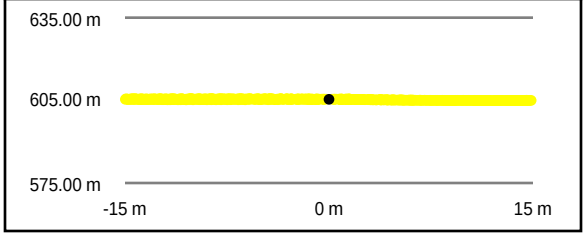


World Imagery

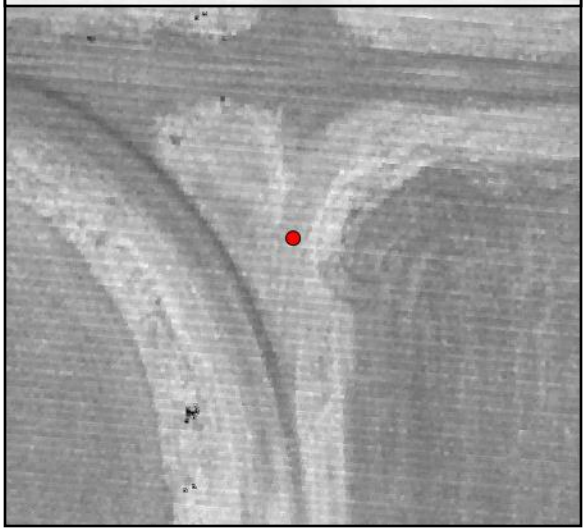
Southwest to Northeast



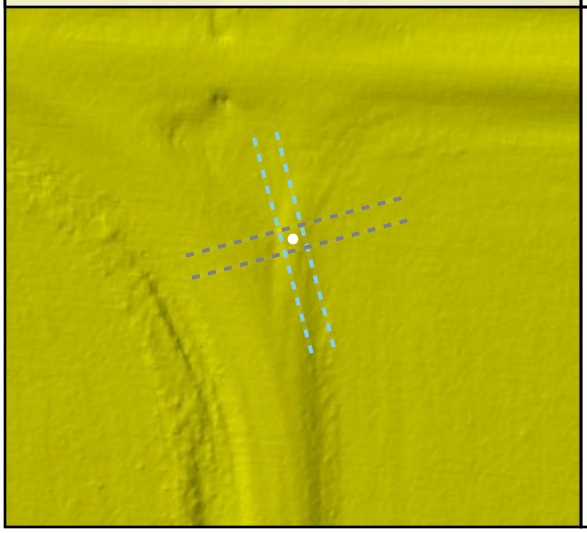
Southeast to Northwest



Intensity Raster

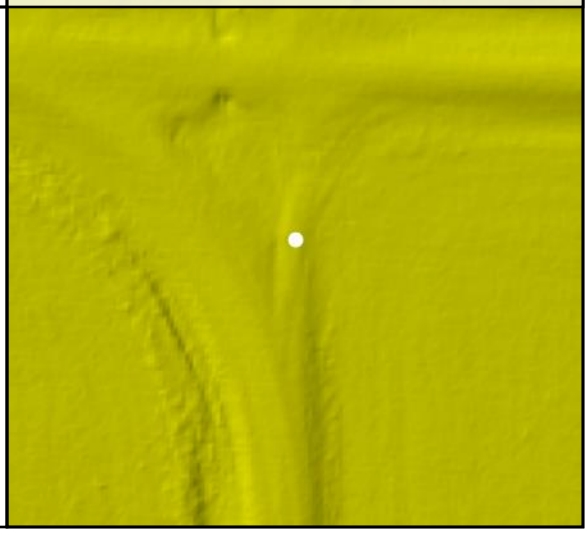


TIN Surface



Project Elevation

DEM Surface



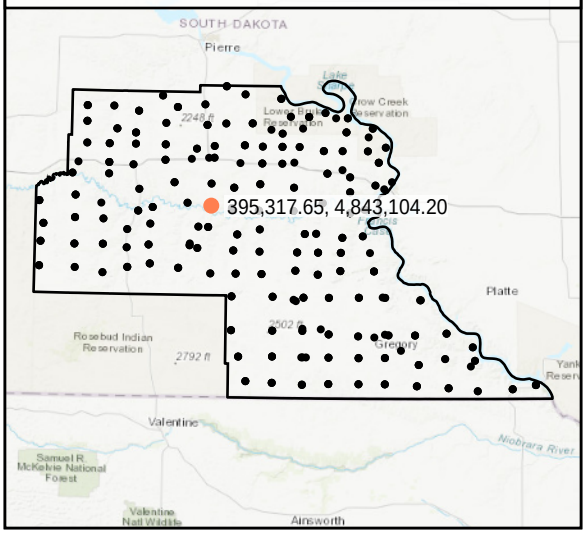
DEM Dz +0.04 m

NVA - BE073

Raw TIN Dz +0.04 m

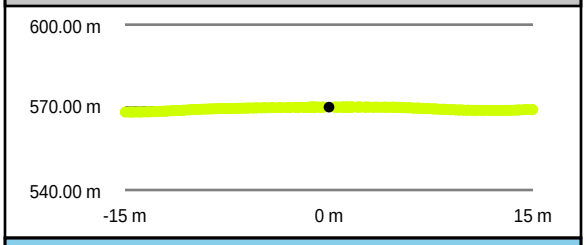
BE074				
	Known Z	570.07 m	Point Density	4.14 ppsm
	DEM Dz	0.01 m	Ground Density	4.14 ppsm
	Raw TIN Dz	0.01 m	Slope	1.85 °

Project Context

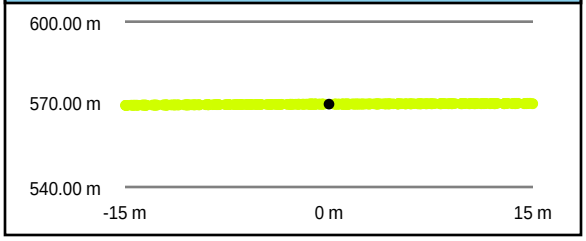


World Imagery

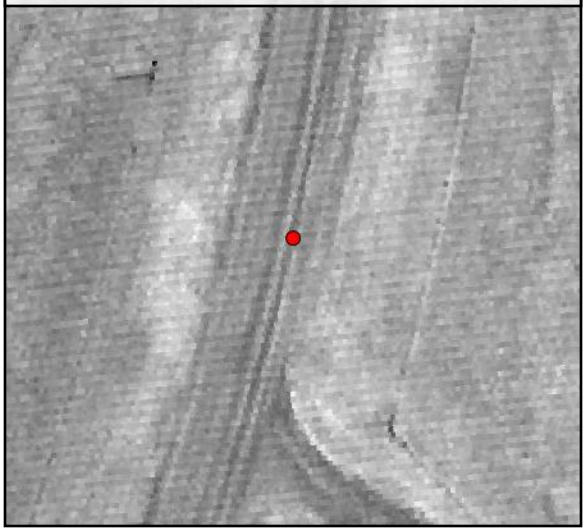
West to East



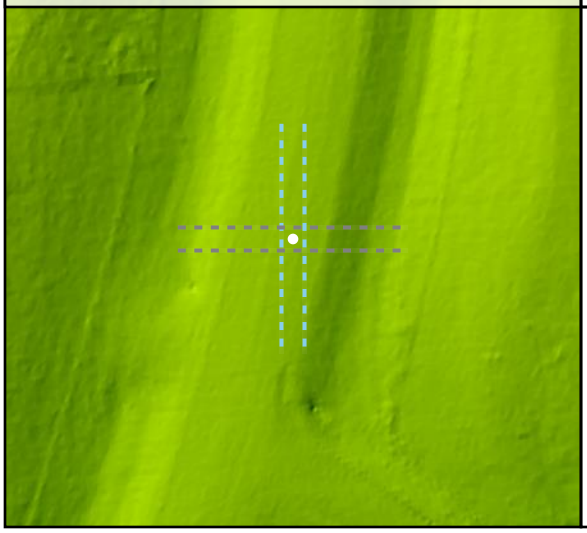
South to North



Intensity Raster

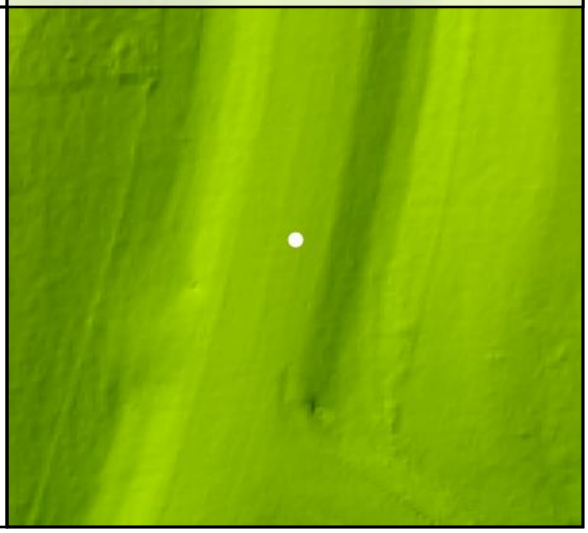


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

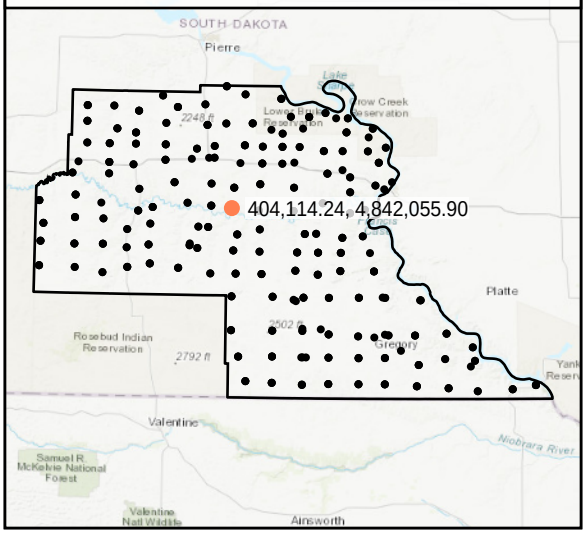
NVA - BE074

Raw TIN Dz +0.01 m

BE075

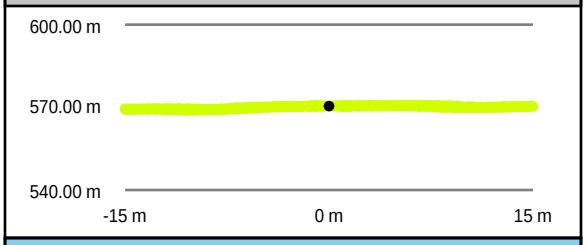
Known Z	570.44 m	Point Density	4.21 ppsm
DEM Dz	0.04 m	Ground Density	4.21 ppsm
Raw TIN Dz	0.03 m	Slope	3.53 °

Project Context

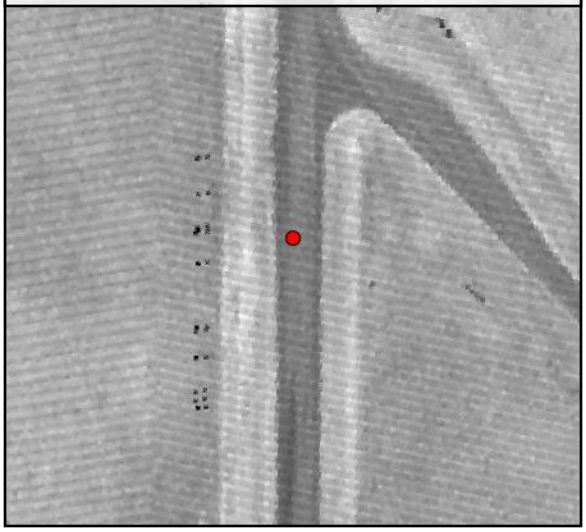


World Imagery

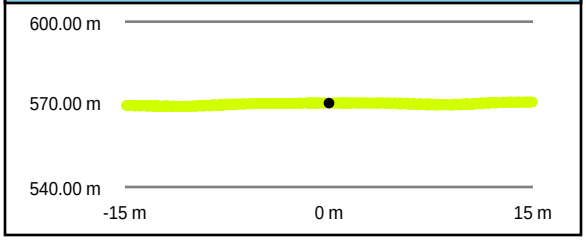
Southwest to Northeast



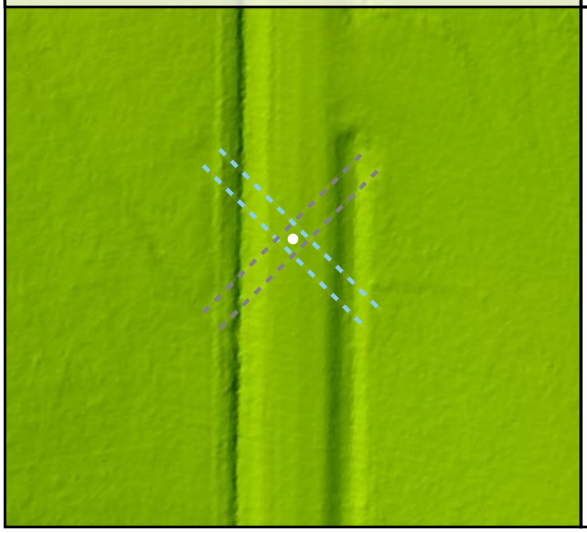
Intensity Raster



Southeast to Northwest

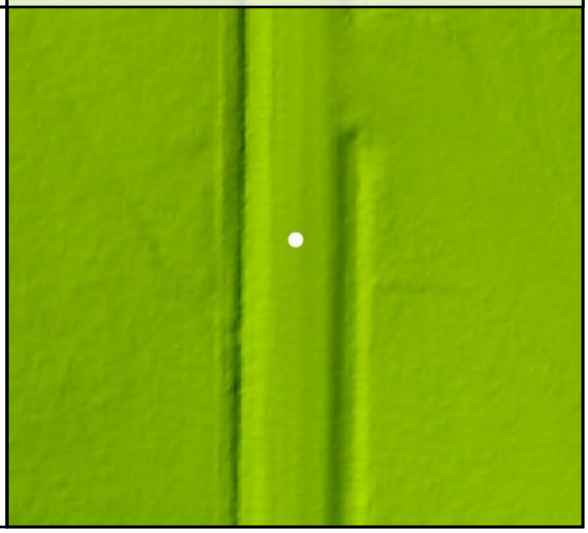


TIN Surface



Project Elevation

DEM Surface



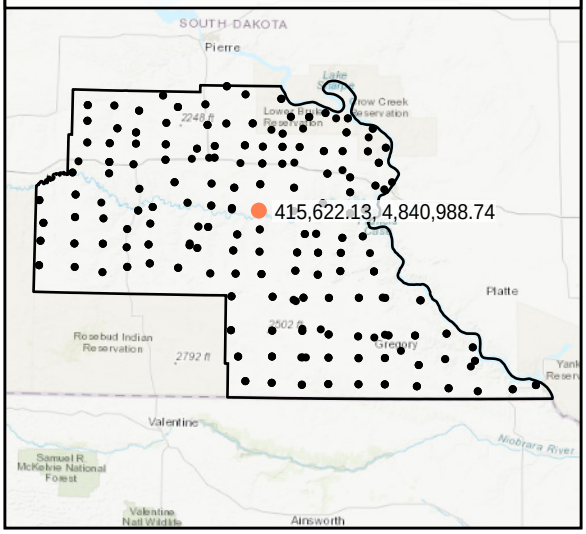
DEM Dz +0.04 m

NVA - BE075

Raw TIN Dz +0.03 m

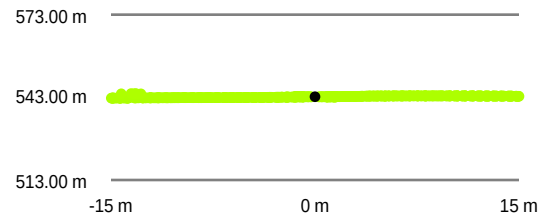
BE076				
	Known Z	543.22 m	Point Density	4.95 ppsm
	DEM Dz	-0.03 m	Ground Density	4.95 ppsm
	Raw TIN Dz	-0.03 m	Slope	3.60 °

Project Context

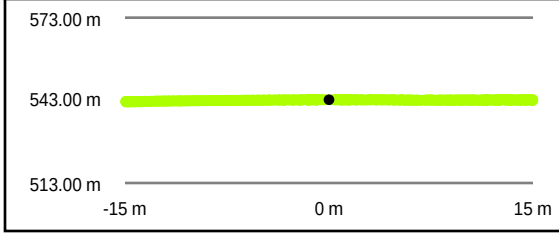


World Imagery

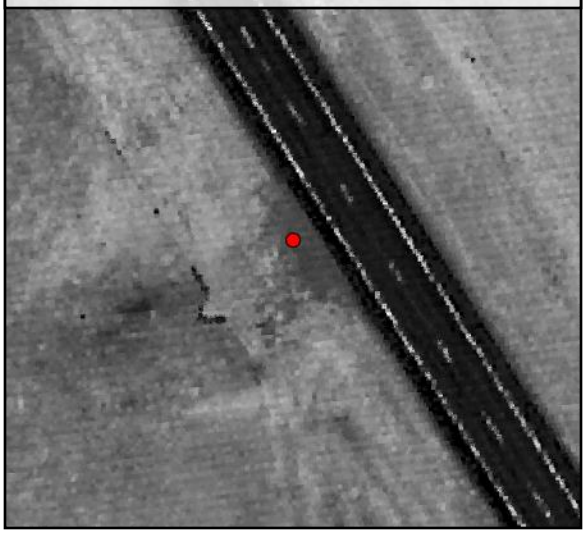
Southwest to Northeast



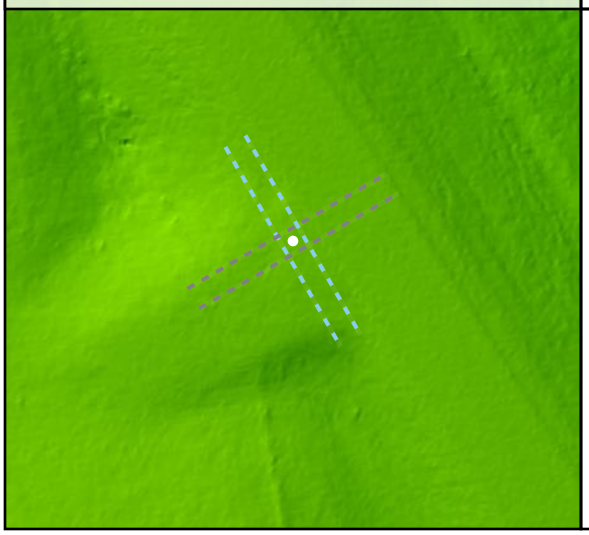
Southeast to Northwest



Intensity Raster

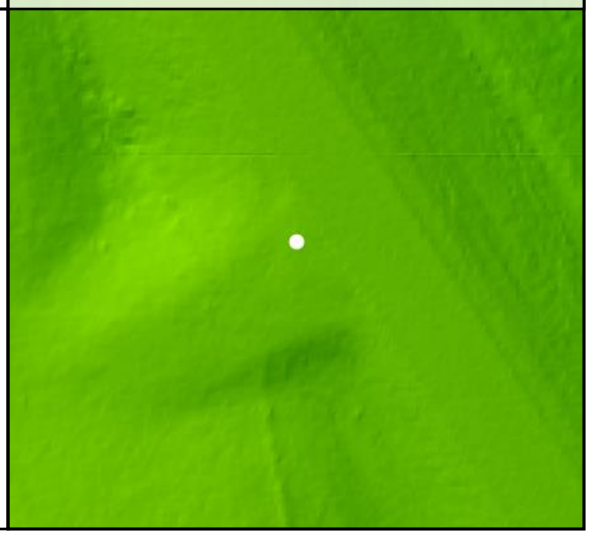


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

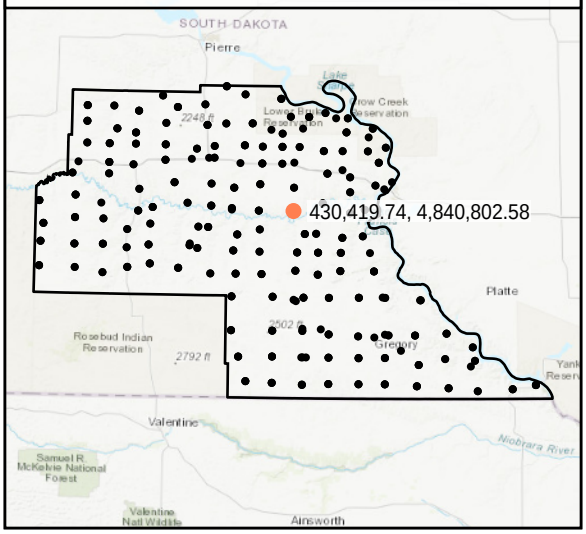
NVA - BE076

Raw TIN Dz -0.03 m

BE077

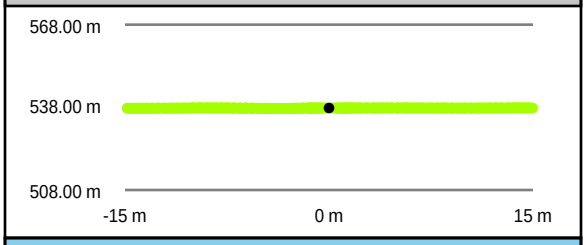
Known Z	537.76 m	Point Density	4.81 ppsm
DEM Dz	-0.01 m	Ground Density	4.81 ppsm
Raw TIN Dz	0.00 m	Slope	0.81 °

Project Context

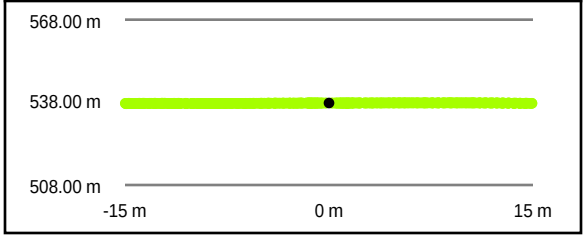


World Imagery

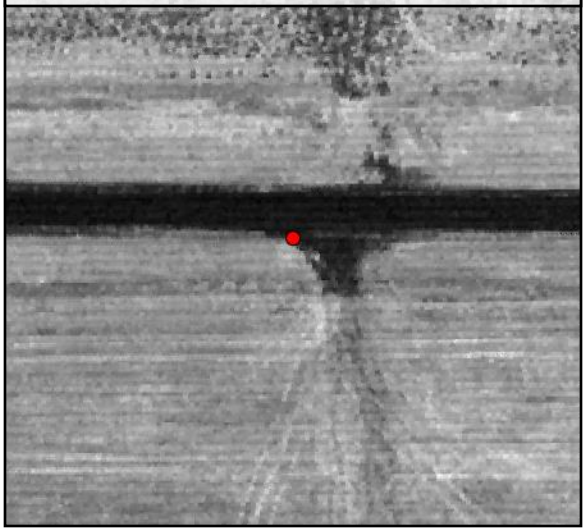
Southwest to Northeast



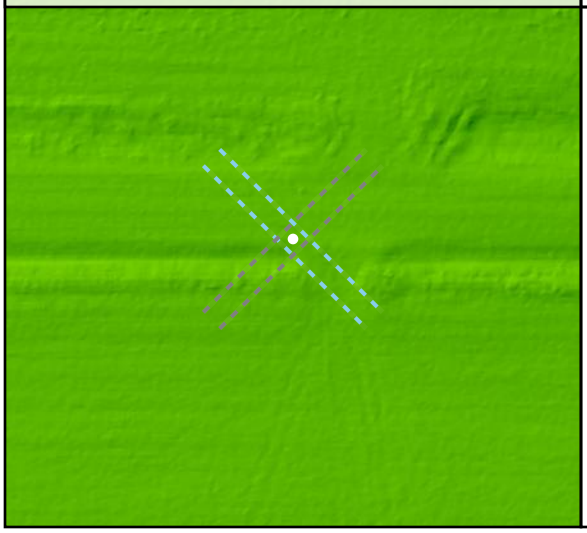
Southeast to Northwest



Intensity Raster

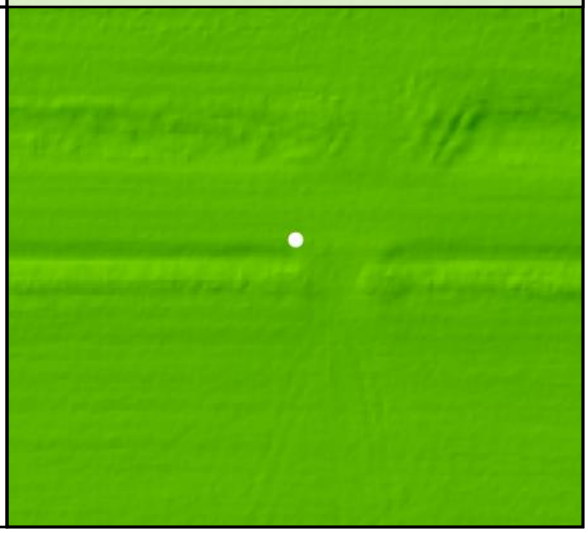


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

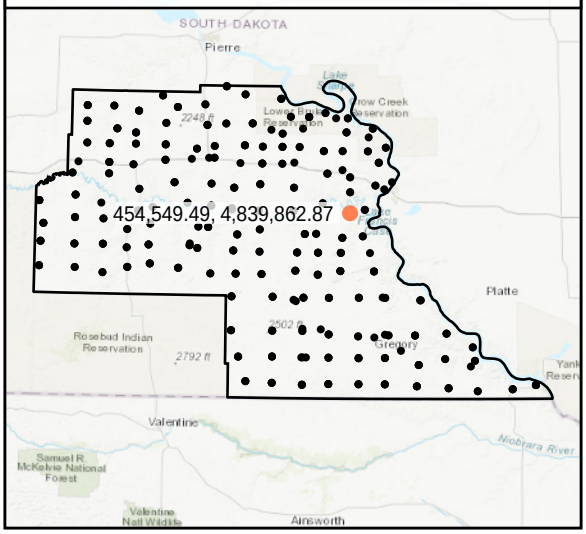
NVA - BE077

Raw TIN Dz 0.00 m

BE078

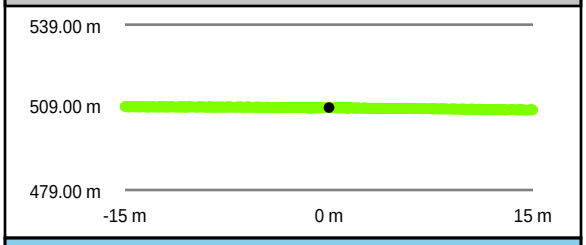
Known Z	508.92 m	Point Density	4.63 ppsm
DEM Dz	-0.07 m	Ground Density	4.63 ppsm
Raw TIN Dz	-0.07 m	Slope	5.61 °

Project Context

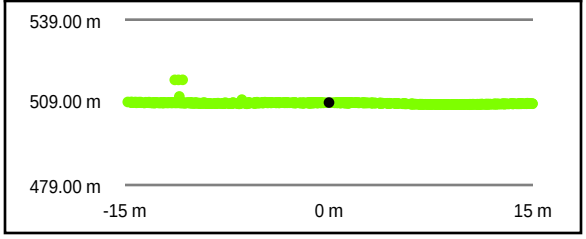


World Imagery

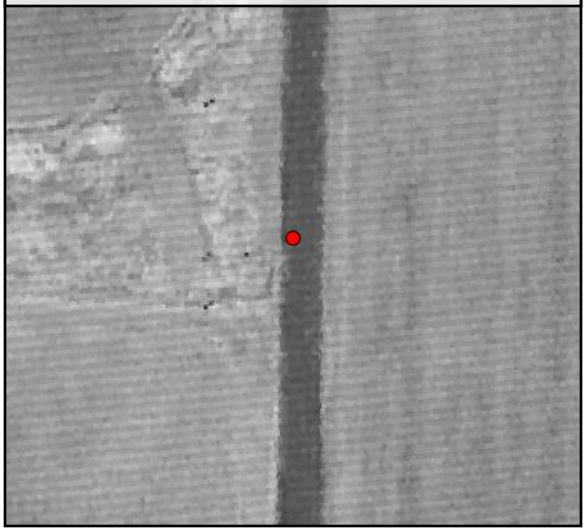
Southeast to Northwest



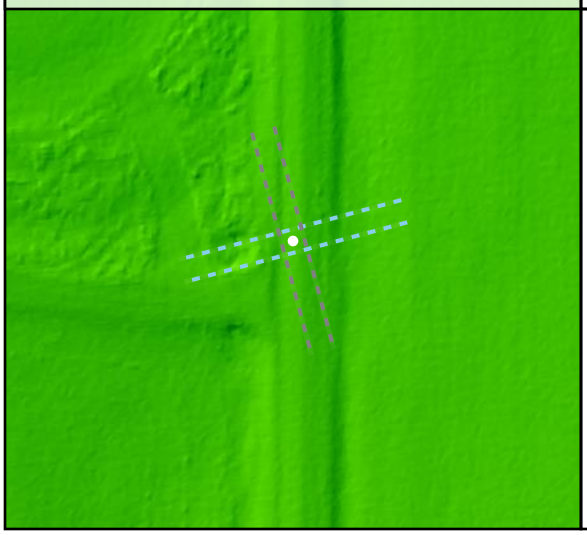
Southwest to Northeast



Intensity Raster

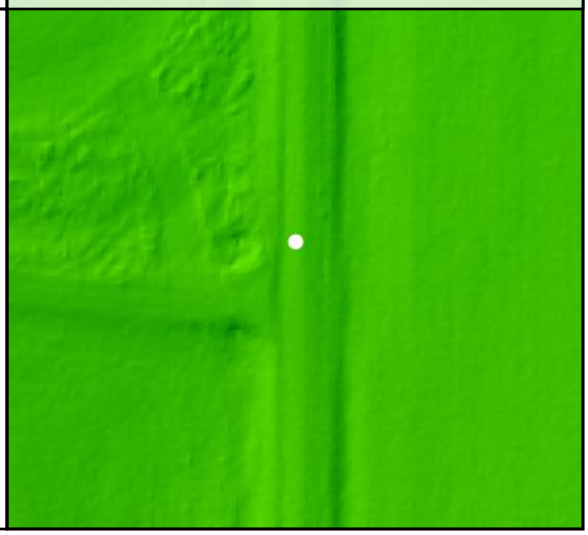


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.07 m

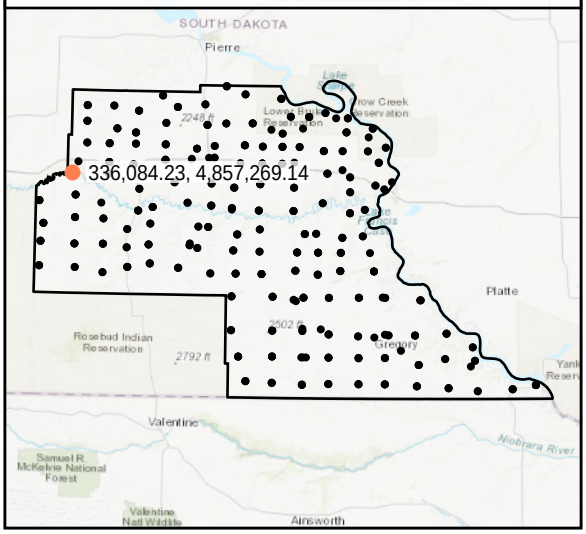
NVA - BE078

Raw TIN Dz -0.07 m

BE079

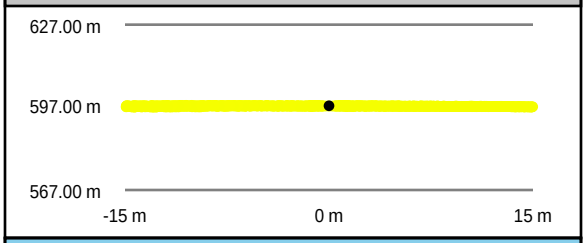
Known Z	597.56 m	Point Density	7.32 ppsm
DEM Dz	-0.08 m	Ground Density	5.27 ppsm
Raw TIN Dz	-0.08 m	Slope	2.59 °

Project Context

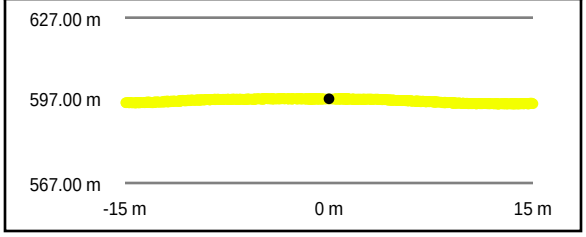


World Imagery

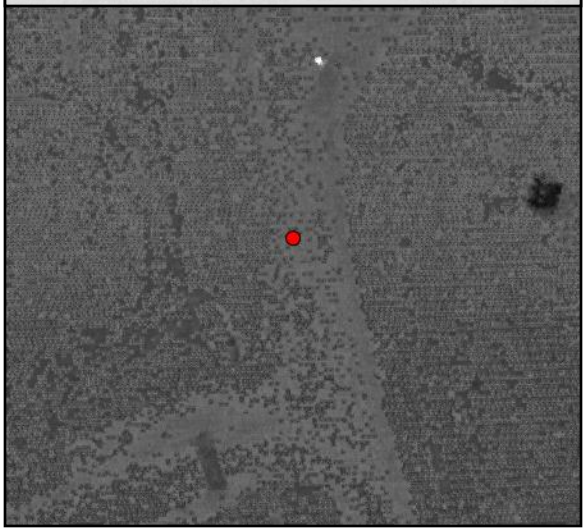
Southwest to Northeast



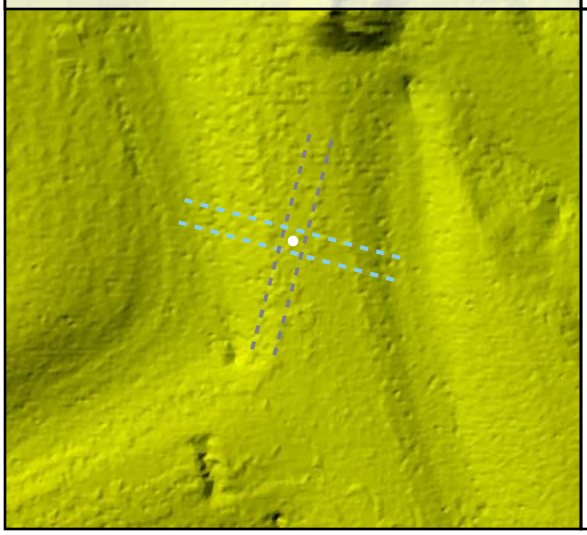
Southeast to Northwest



Intensity Raster

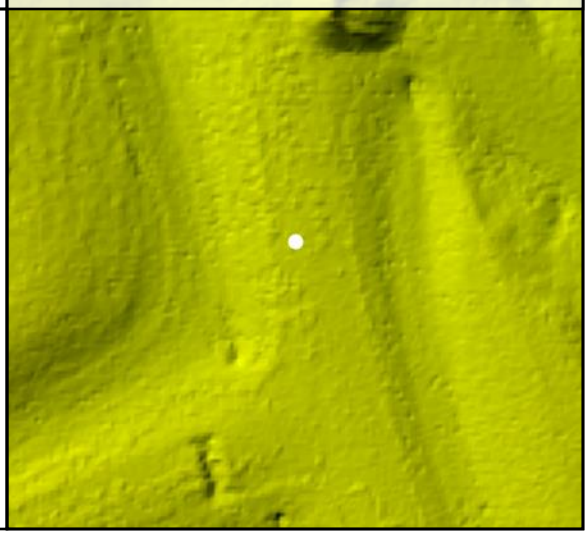


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.08 m

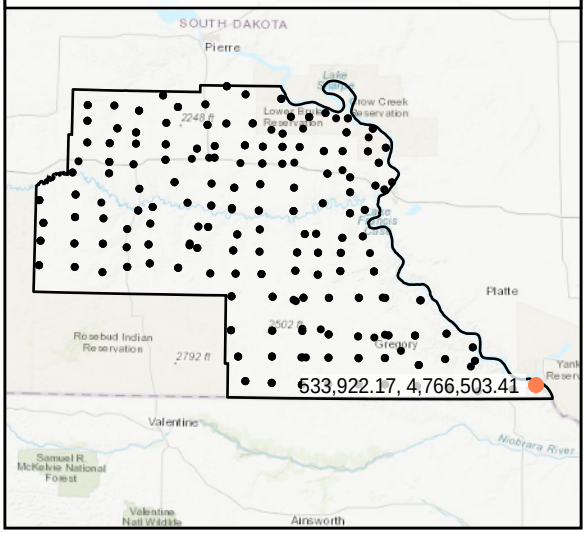
NVA - BE079

Raw TIN Dz -0.08 m

BE080

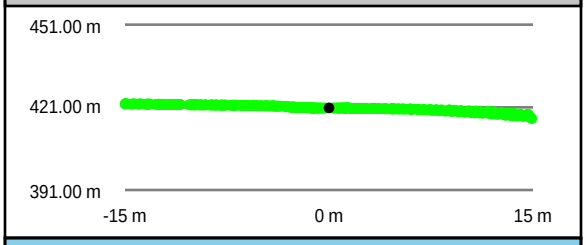
Known Z	420.79 m	Point Density	4.60 ppsm
DEM Dz	-0.04 m	Ground Density	4.60 ppsm
Raw TIN Dz	-0.01 m	Slope	4.29 °

Project Context

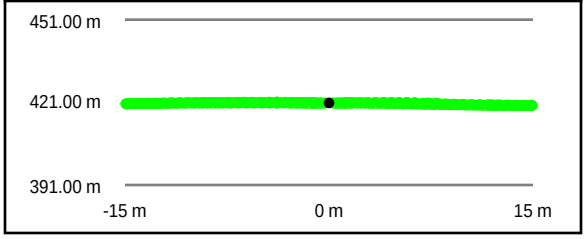


World Imagery

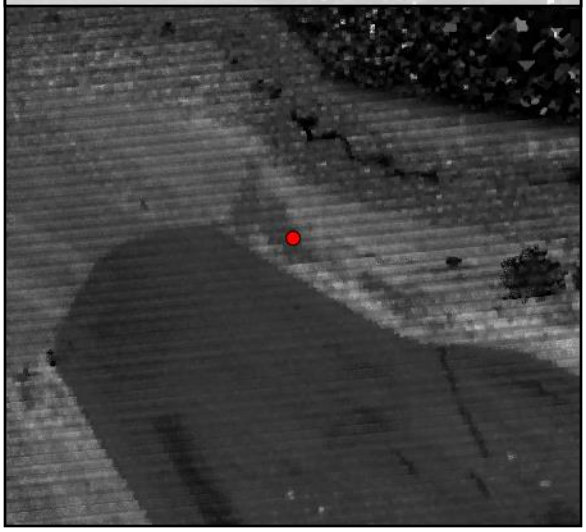
South to North



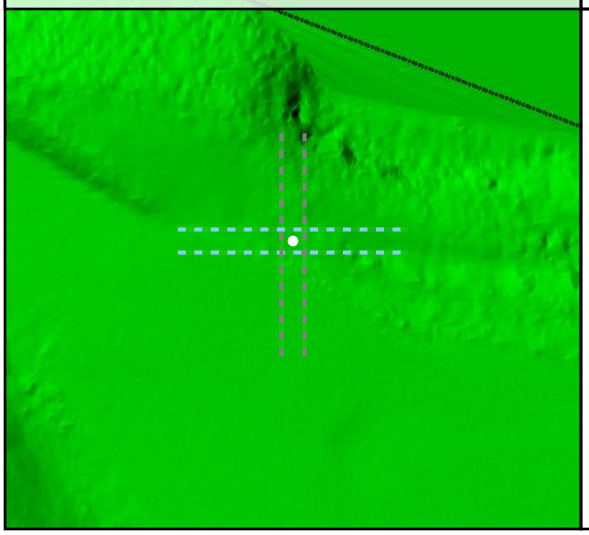
West to East



Intensity Raster

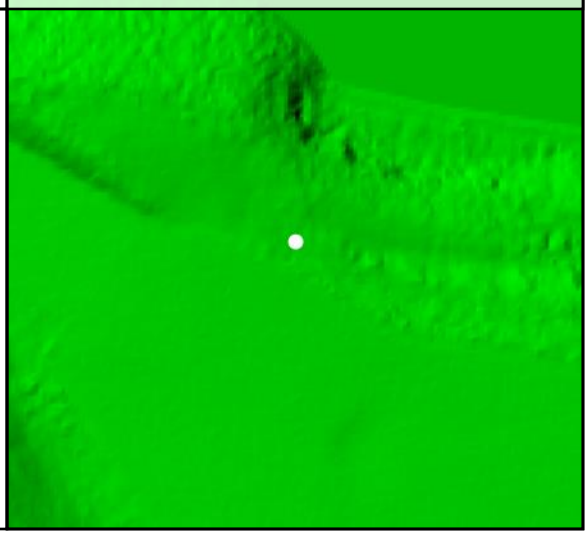


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

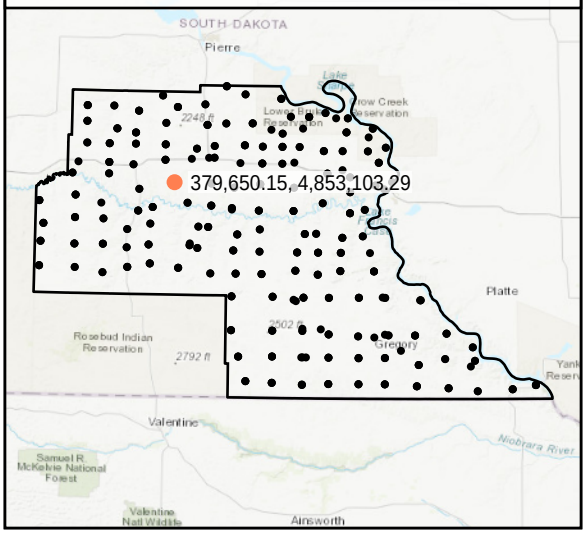
NVA - BE080

Raw TIN Dz -0.01 m

BE081

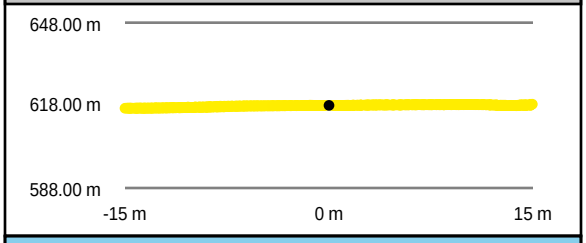
Known Z	617.98 m	Point Density	5.91 ppsm
DEM Dz	-0.01 m	Ground Density	5.91 ppsm
Raw TIN Dz	-0.01 m	Slope	2.15 °

Project Context

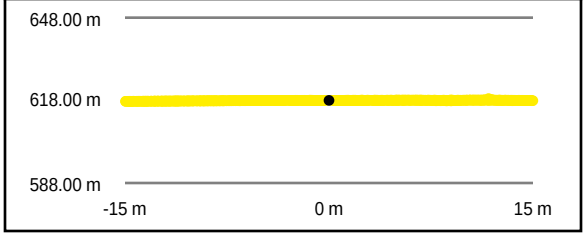


World Imagery

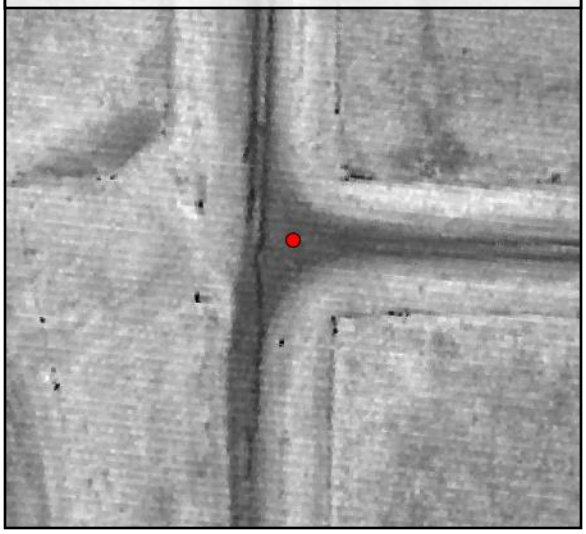
Southeast to Northwest



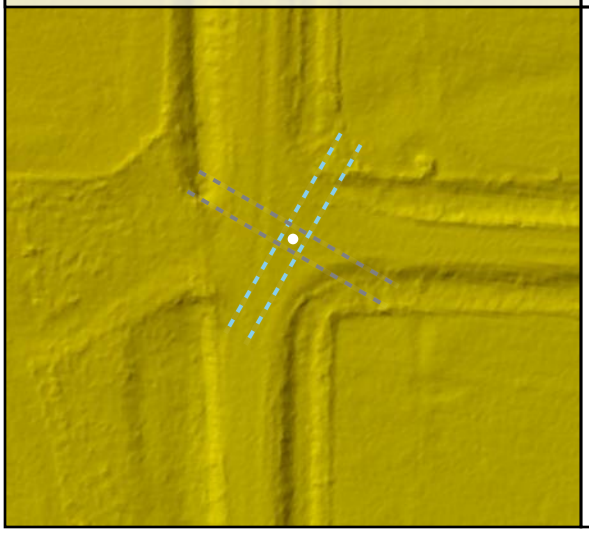
Southwest to Northeast



Intensity Raster

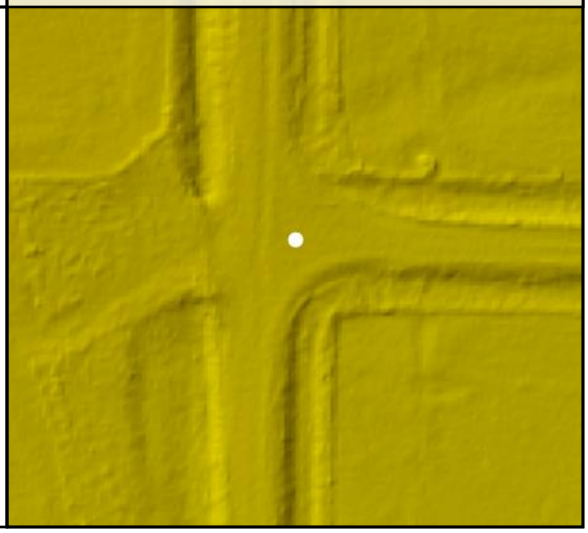


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

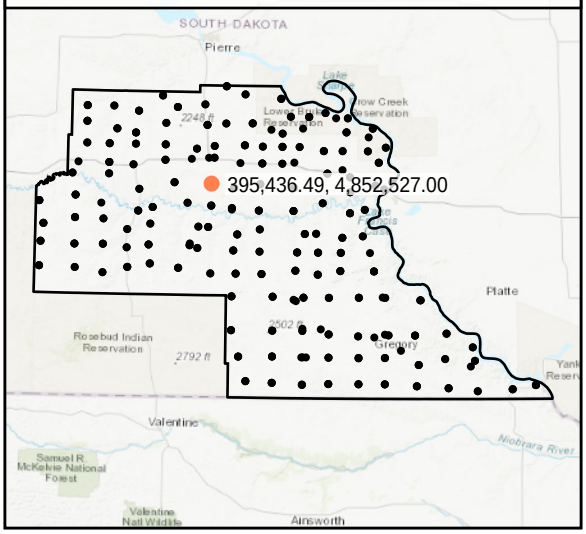
NVA - BE081

Raw TIN Dz -0.01 m

BE082

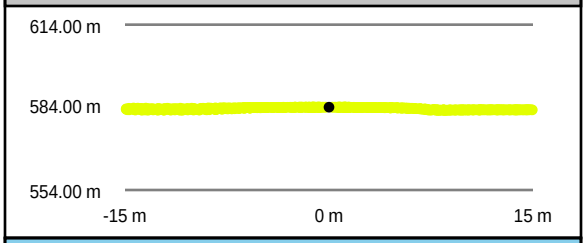
Known Z	584.05 m	Point Density	5.20 ppsm
DEM Dz	0.00 m	Ground Density	5.20 ppsm
Raw TIN Dz	0.00 m	Slope	1.39 °

Project Context

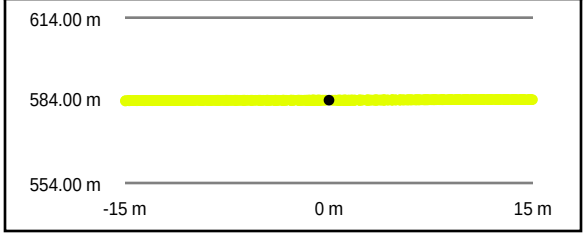


World Imagery

Southeast to Northwest

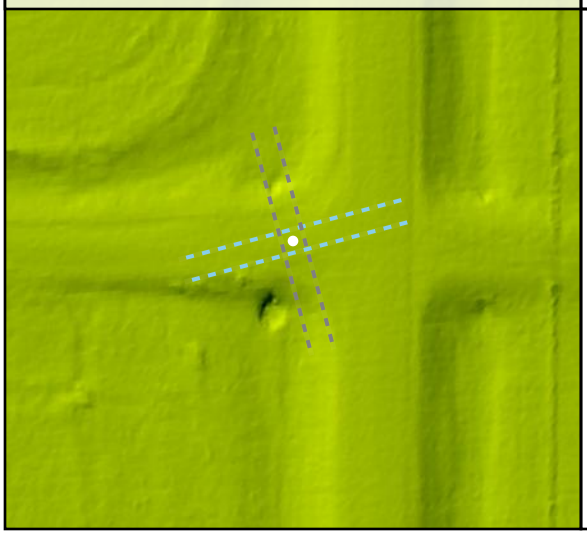


Southwest to Northeast



Intensity Raster

TIN Surface

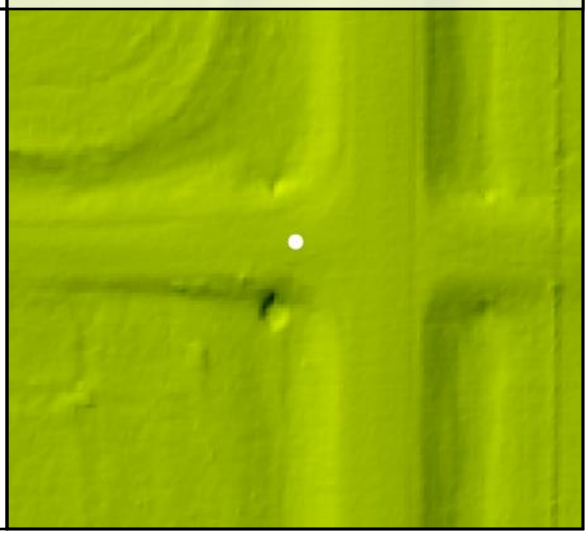


Project Elevation

795.78

413.64

DEM Surface



DEM Dz 0.00 m

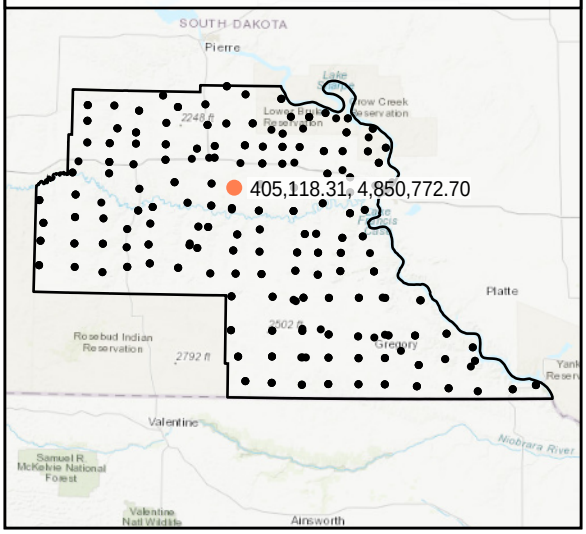
NVA - BE082

Raw TIN Dz 0.00 m

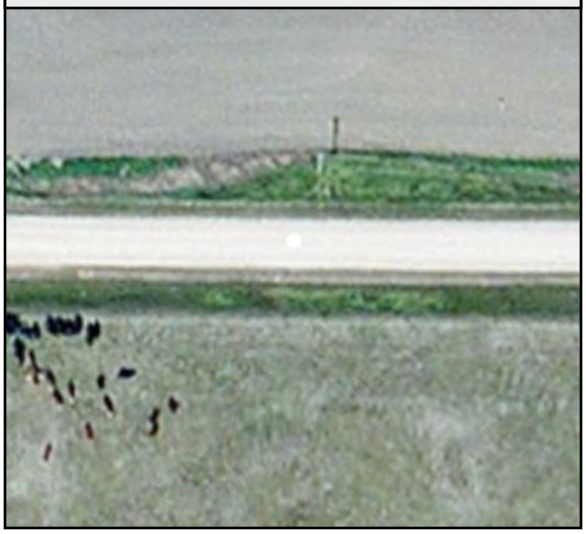
BE083

Known Z	563.23 m	Point Density	4.39 ppsm
DEM Dz	0.05 m	Ground Density	4.39 ppsm
Raw TIN Dz	0.05 m	Slope	2.12 °

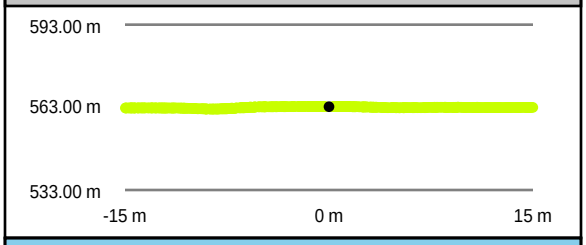
Project Context



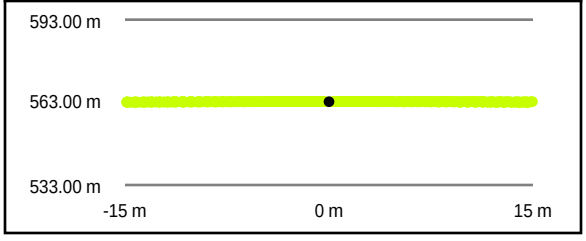
World Imagery



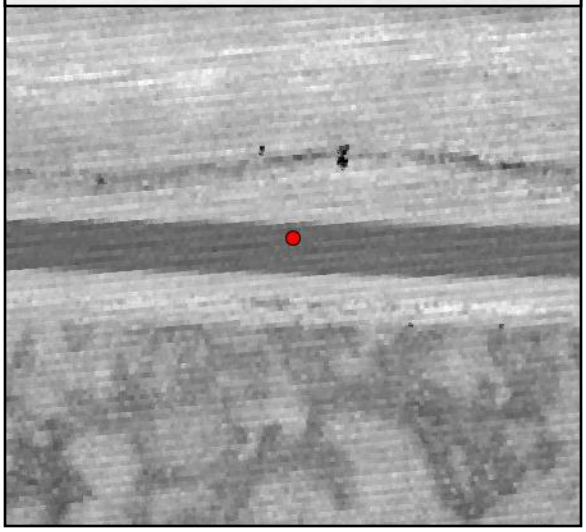
Southwest to Northeast



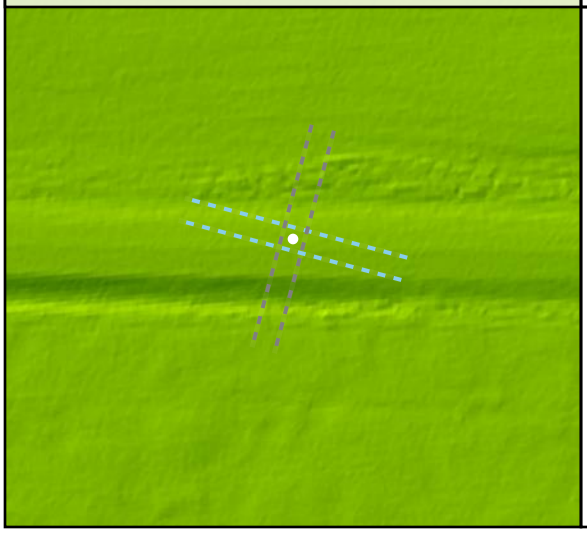
Southeast to Northwest



Intensity Raster

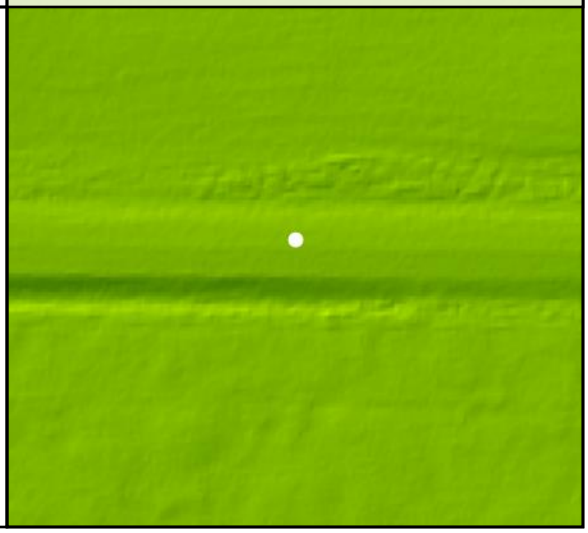


TIN Surface



Project Elevation

DEM Surface



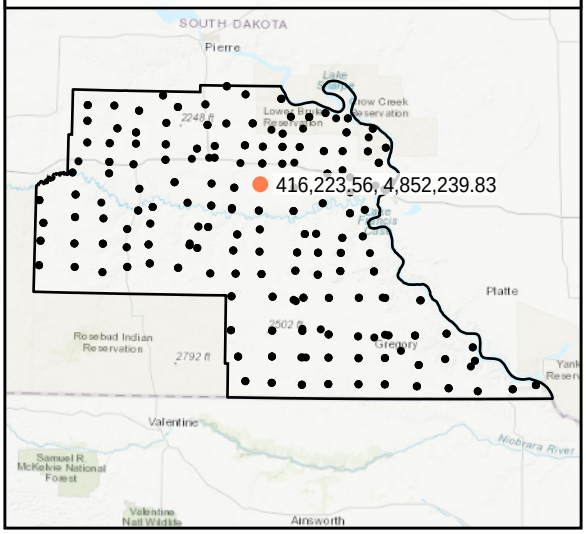
DEM Dz +0.05 m

NVA - BE083

Raw TIN Dz +0.05 m

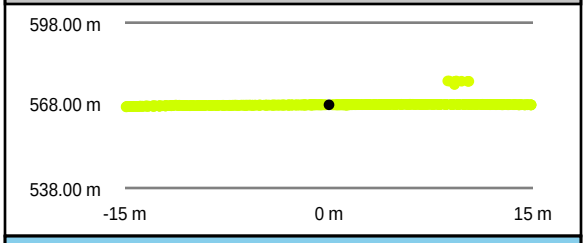
BE084				
	Known Z	568.19 m	Point Density	5.06 ppsm
	DEM Dz	-0.01 m	Ground Density	5.06 ppsm
	Raw TIN Dz	-0.01 m	Slope	1.59 °

Project Context

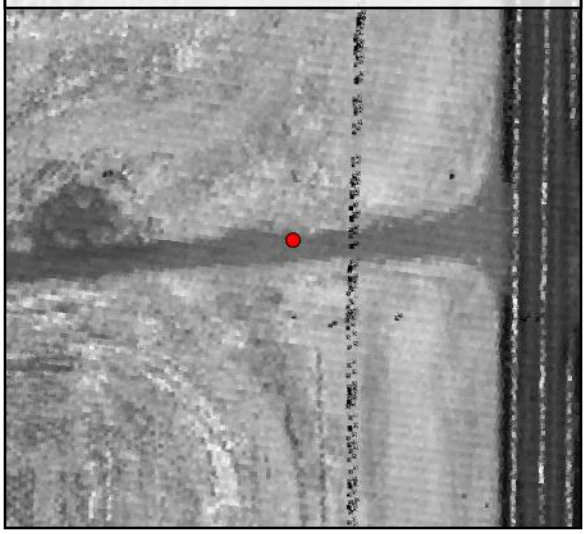


World Imagery

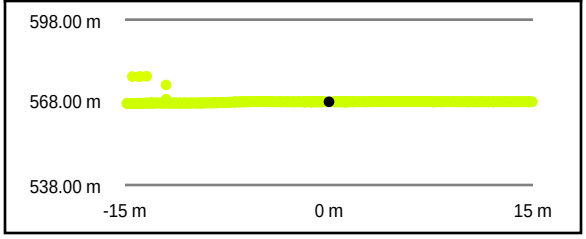
Southwest to Northeast



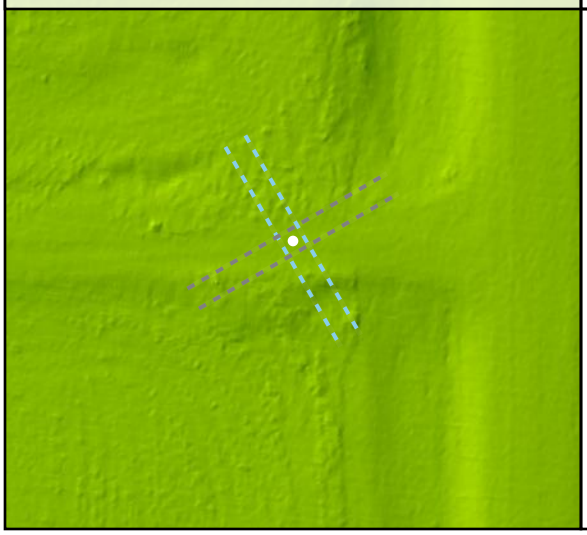
Intensity Raster



Southeast to Northwest



TIN Surface

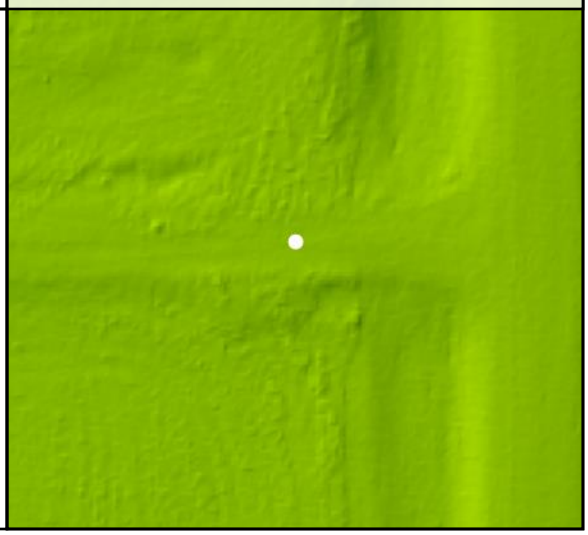


Project Elevation

795.78

413.64

DEM Surface



DEM Dz -0.01 m

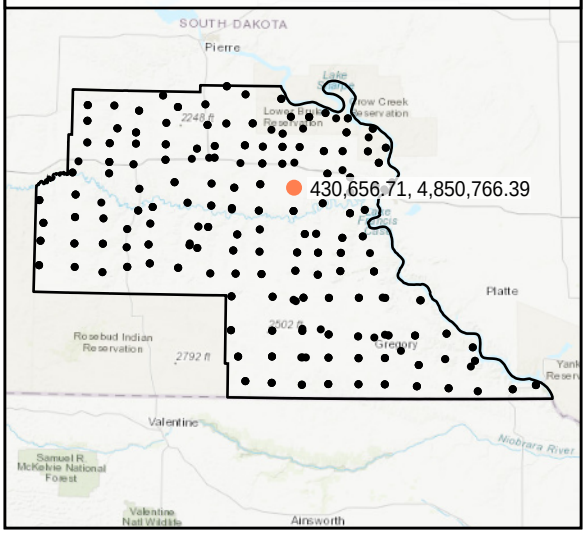
NVA - BE084

Raw TIN Dz -0.01 m

BE085

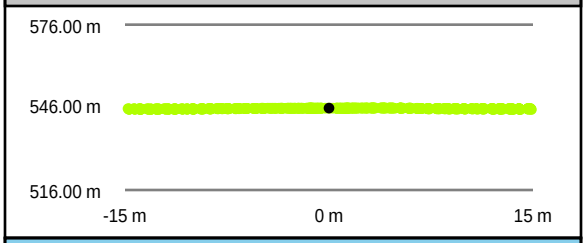
Known Z	545.72 m	Point Density	5.06 ppsm
DEM Dz	-0.02 m	Ground Density	5.06 ppsm
Raw TIN Dz	-0.02 m	Slope	2.12 °

Project Context

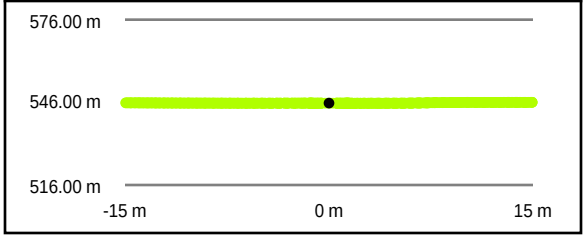


World Imagery

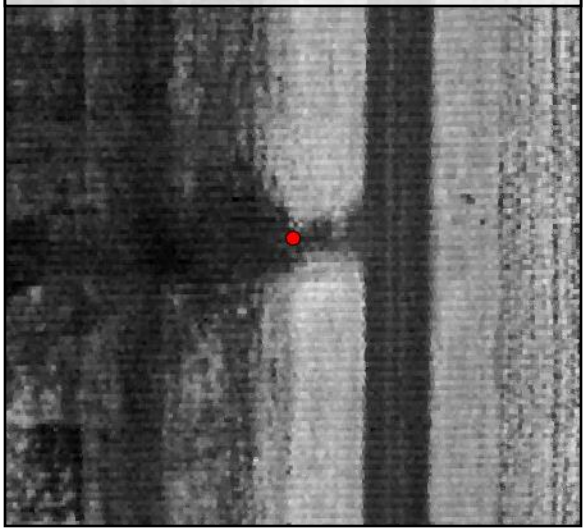
South to North



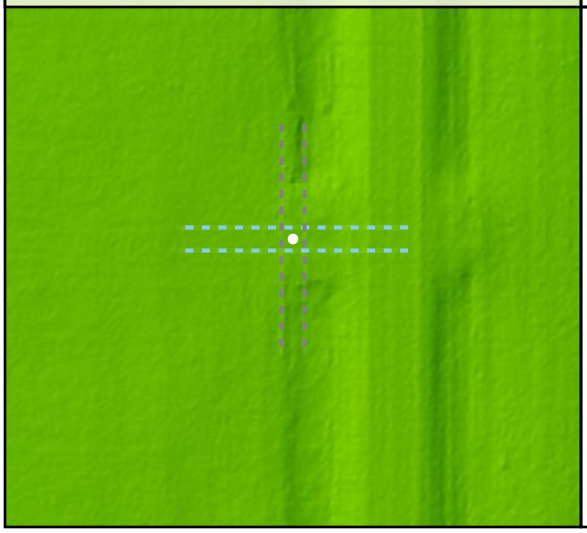
West to East



Intensity Raster

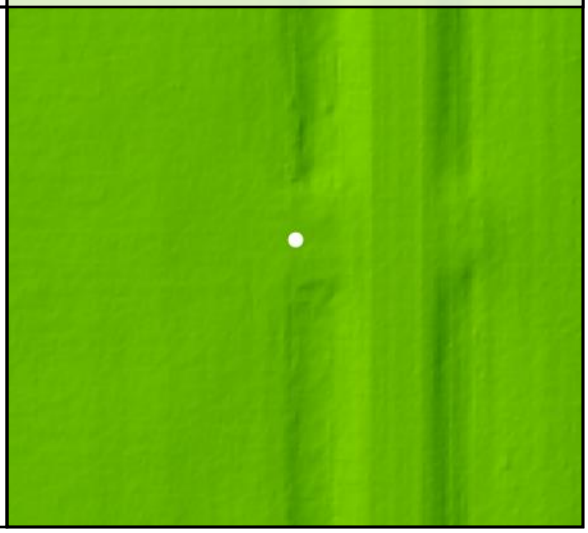


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

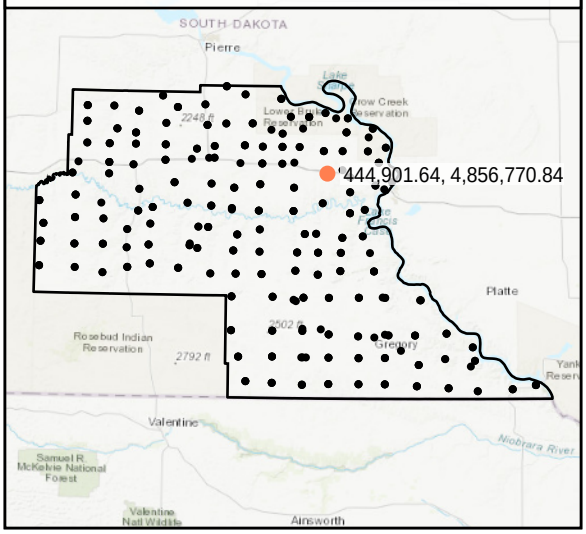
NVA - BE085

Raw TIN Dz -0.02 m

BE086

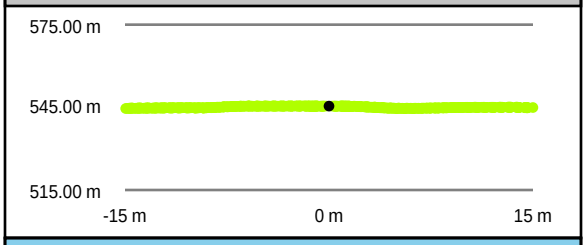
Known Z	545.45 m	Point Density	4.63 ppsm
DEM Dz	-0.02 m	Ground Density	4.63 ppsm
Raw TIN Dz	-0.01 m	Slope	3.16 °

Project Context

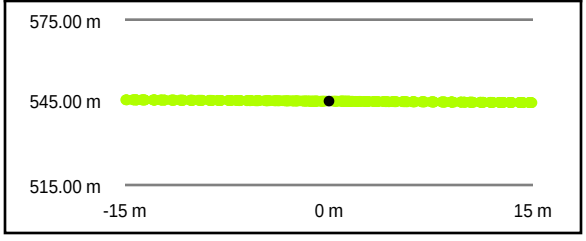


World Imagery

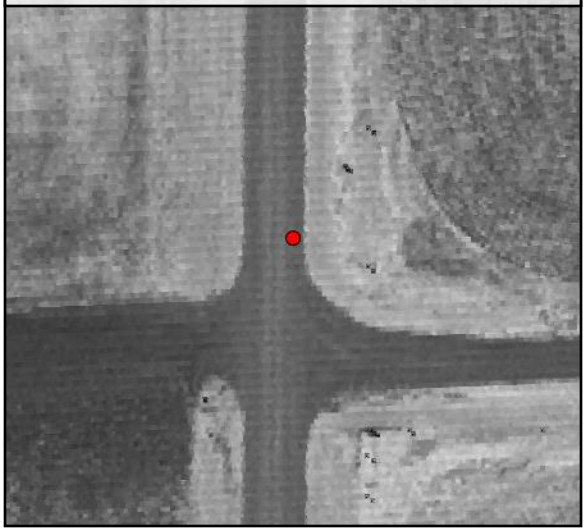
West to East



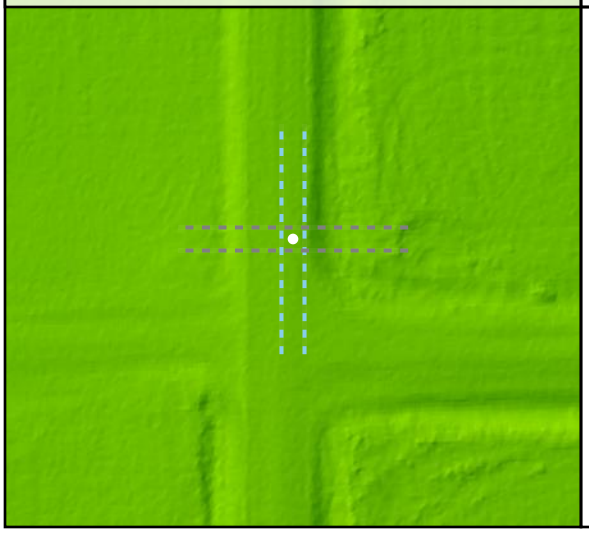
South to North



Intensity Raster

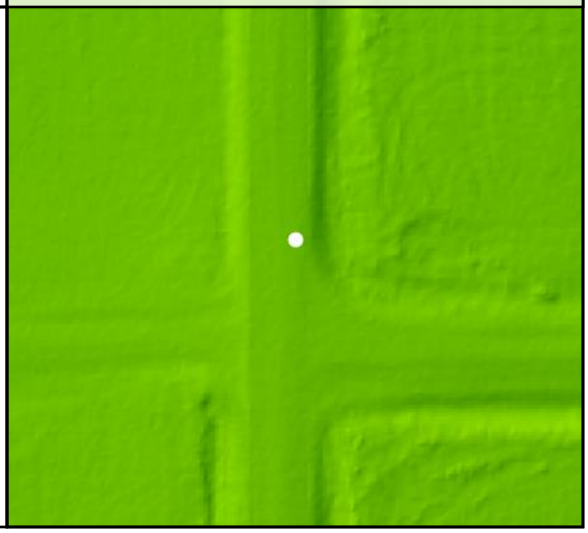


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

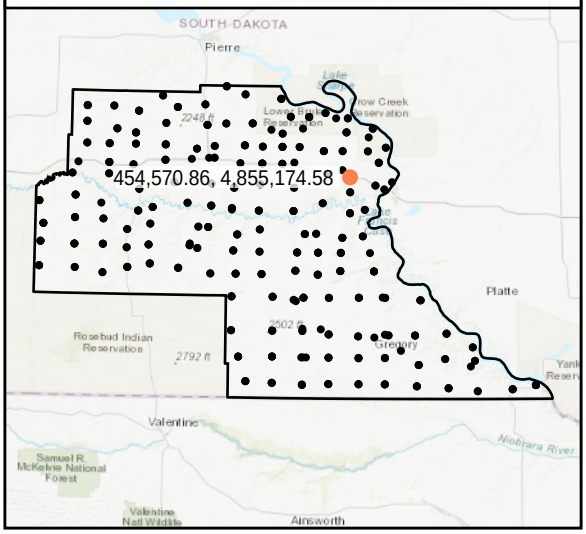
NVA - BE086

Raw TIN Dz -0.01 m

BE087

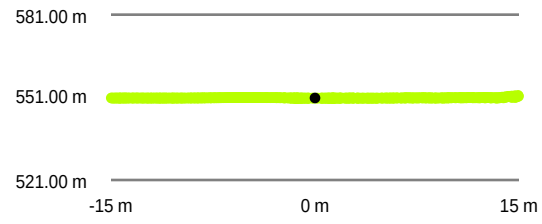
Known Z	550.76 m	Point Density	4.88 ppsm
DEM Dz	-0.06 m	Ground Density	4.67 ppsm
Raw TIN Dz	-0.06 m	Slope	0.91 °

Project Context

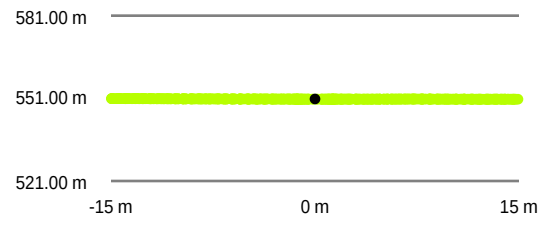


World Imagery

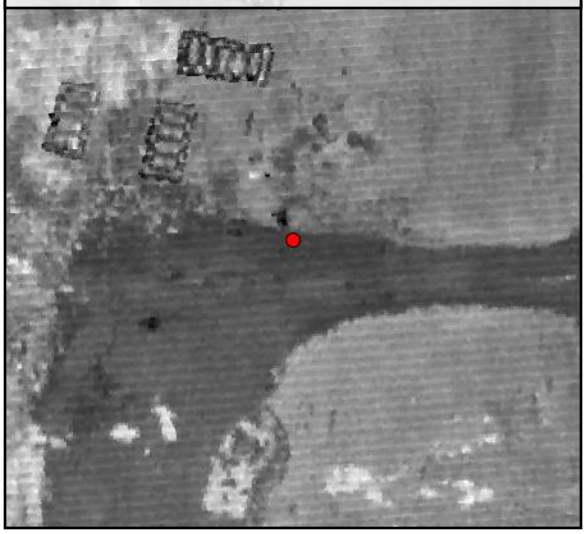
Southwest to Northeast



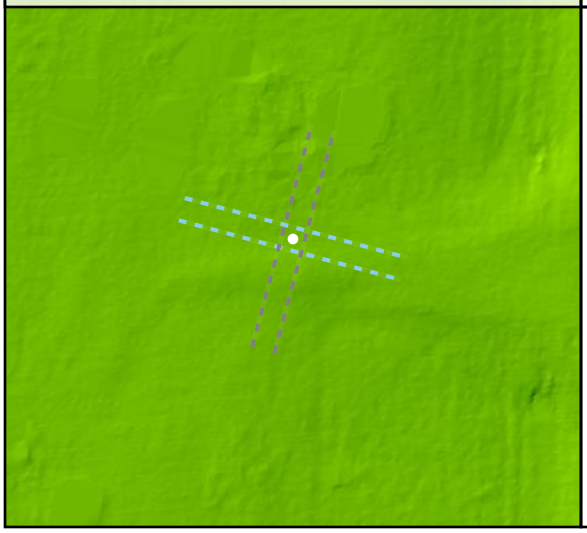
Southeast to Northwest



Intensity Raster

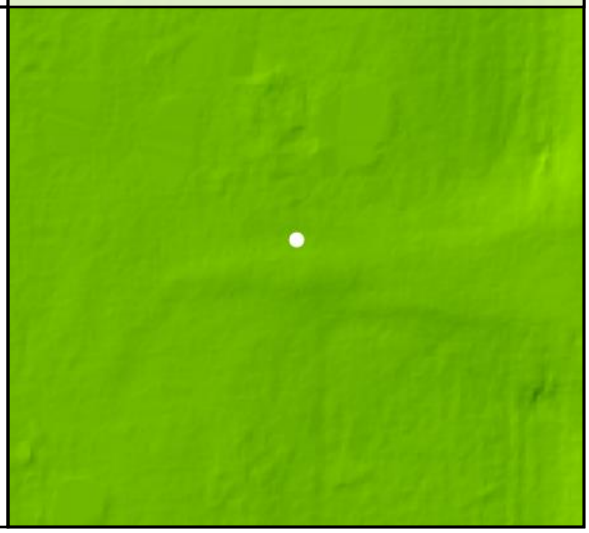


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

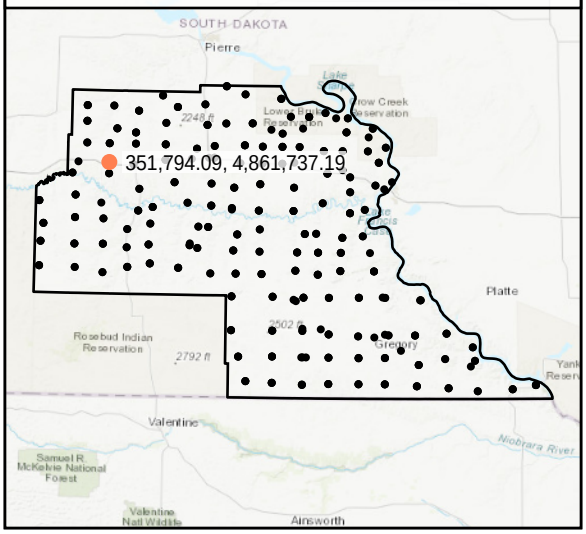
NVA - BE087

Raw TIN Dz -0.06 m

BE088

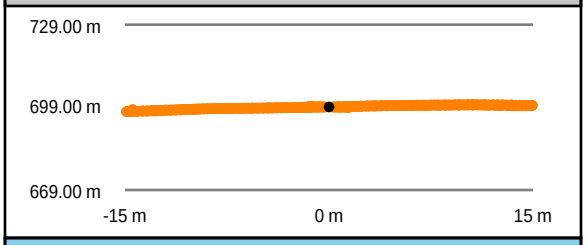
Known Z	699.13 m	Point Density	4.14 ppsm
DEM Dz	0.00 m	Ground Density	4.14 ppsm
Raw TIN Dz	-0.01 m	Slope	7.01 °

Project Context

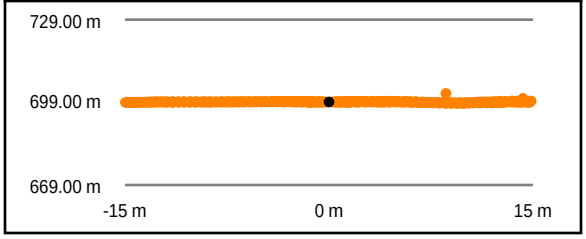


World Imagery

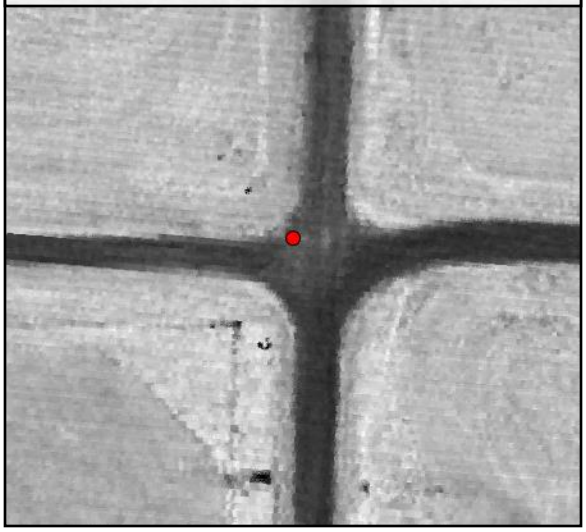
Southwest to Northeast



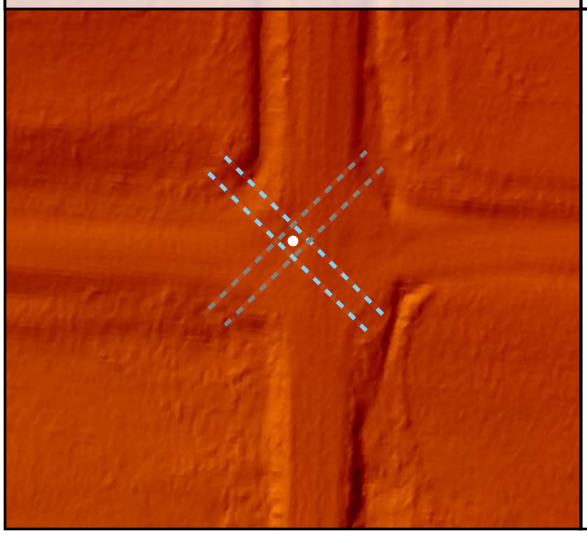
Southeast to Northwest



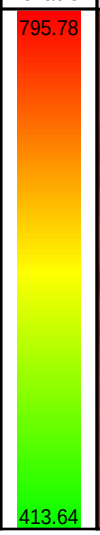
Intensity Raster



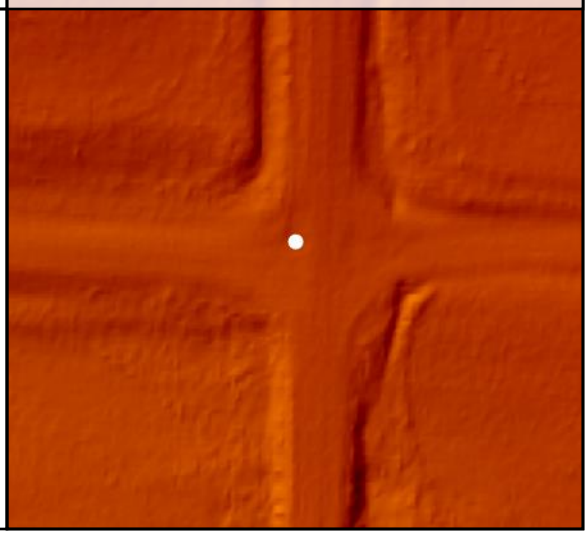
TIN Surface



Project Elevation



DEM Surface



DEM Dz 0.00 m

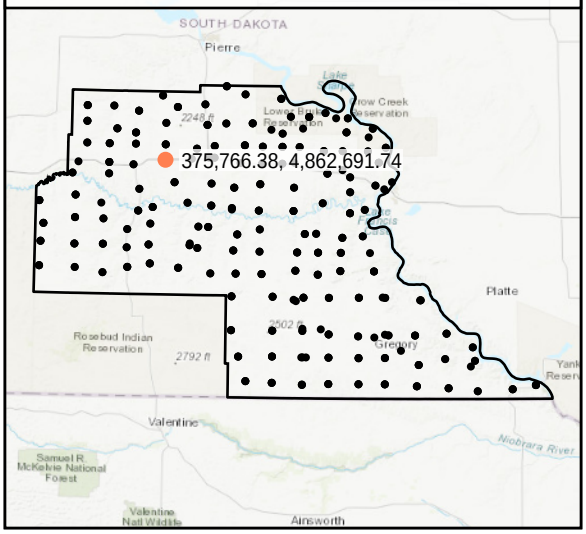
NVA - BE088

Raw TIN Dz -0.01 m

BE089

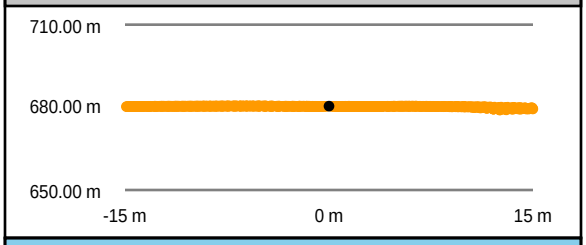
Known Z	680.43 m	Point Density	5.23 ppsm
DEM Dz	-0.07 m	Ground Density	5.23 ppsm
Raw TIN Dz	-0.07 m	Slope	0.34 °

Project Context

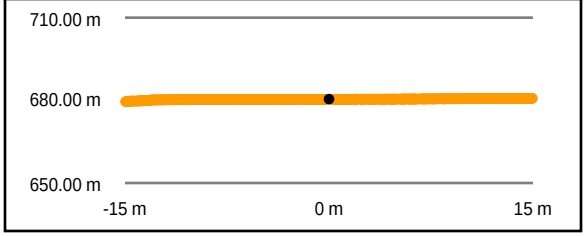


World Imagery

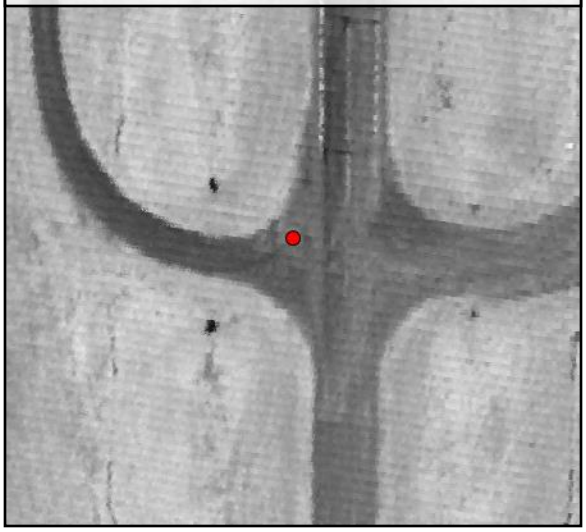
Southeast to Northwest



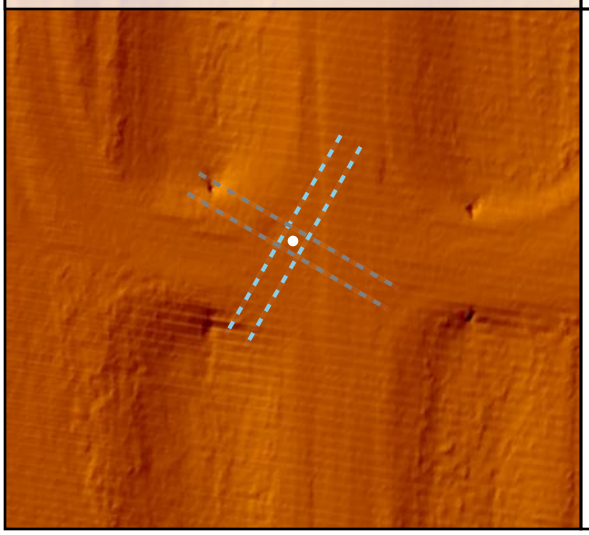
Southwest to Northeast



Intensity Raster

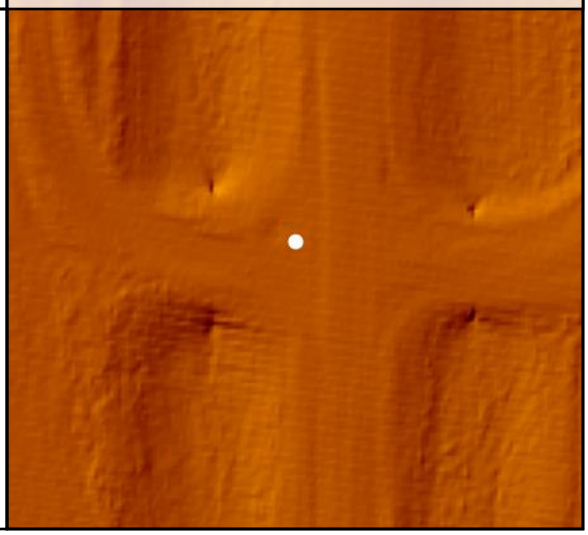


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.07 m

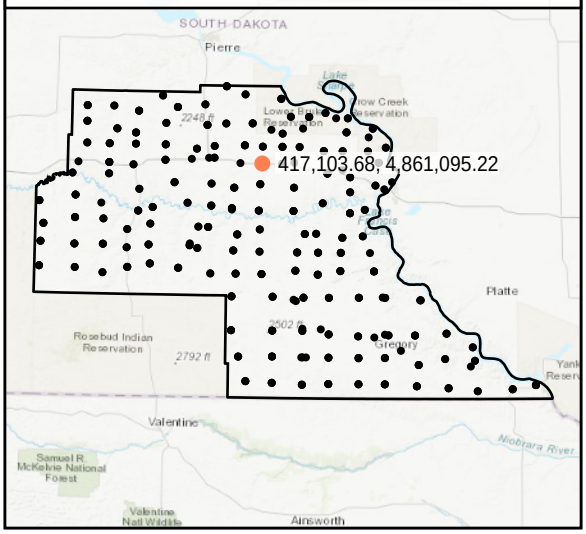
NVA - BE089

Raw TIN Dz -0.07 m

BE090

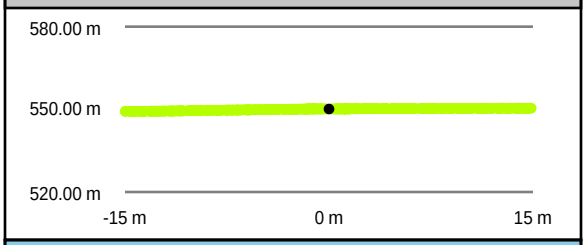
Known Z	550.12 m	Point Density	4.46 ppsm
DEM Dz	0.03 m	Ground Density	4.46 ppsm
Raw TIN Dz	0.03 m	Slope	3.32 °

Project Context

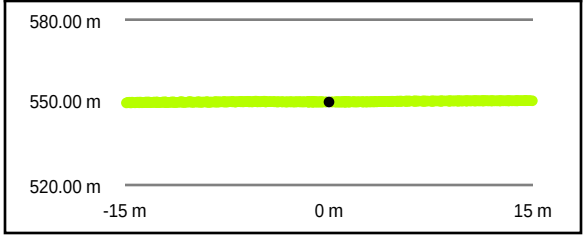


World Imagery

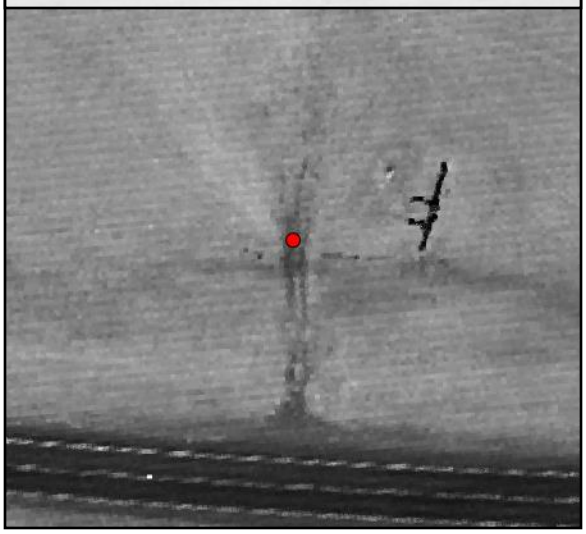
South to North



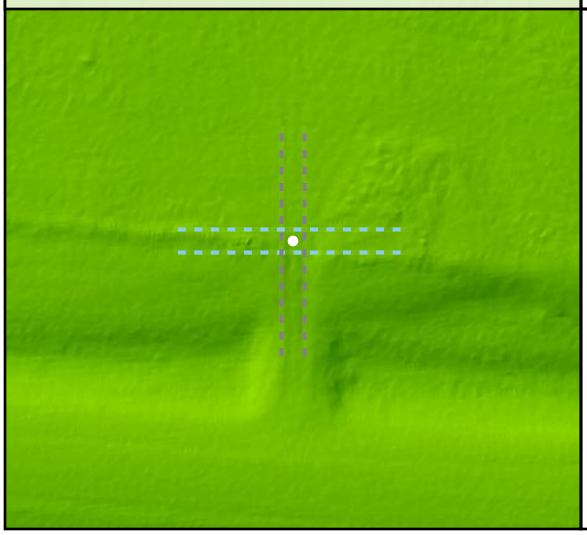
West to East



Intensity Raster

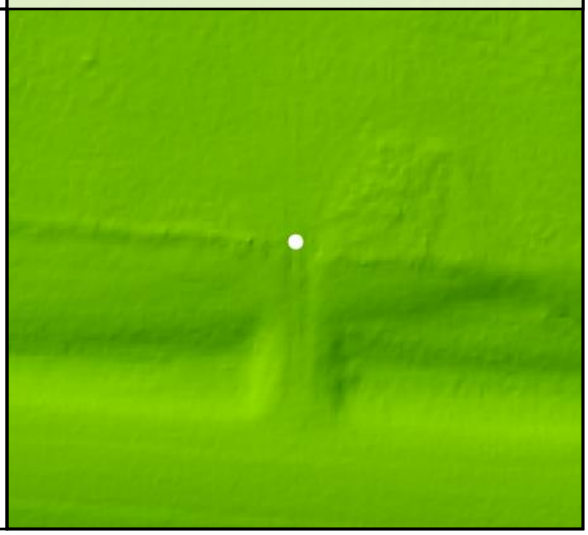


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

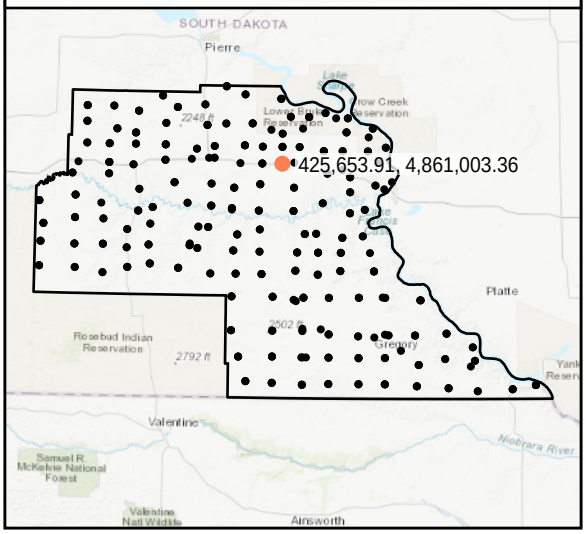
NVA - BE090

Raw TIN Dz +0.03 m

BE091

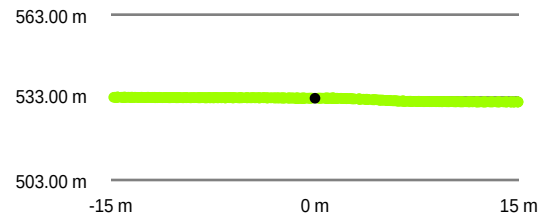
Known Z	532.67 m	Point Density	4.49 ppsm
DEM Dz	0.02 m	Ground Density	4.49 ppsm
Raw TIN Dz	0.03 m	Slope	2.00 °

Project Context

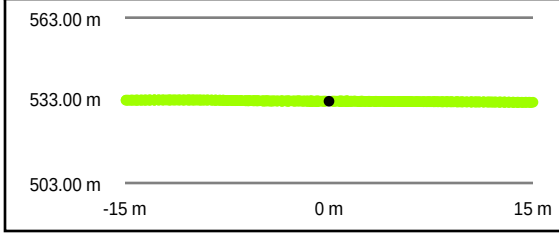


World Imagery

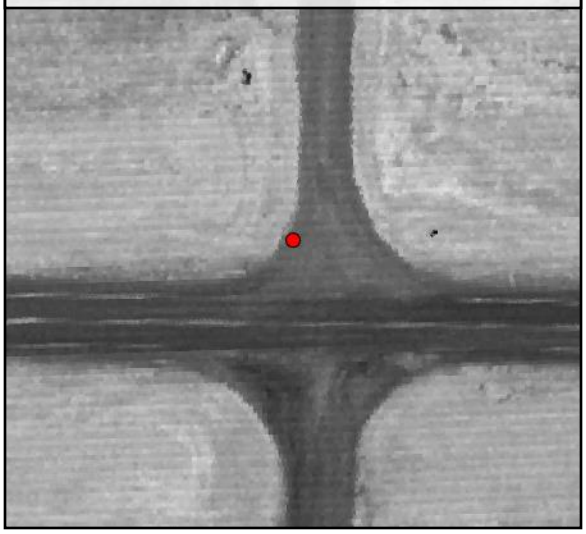
Southeast to Northwest



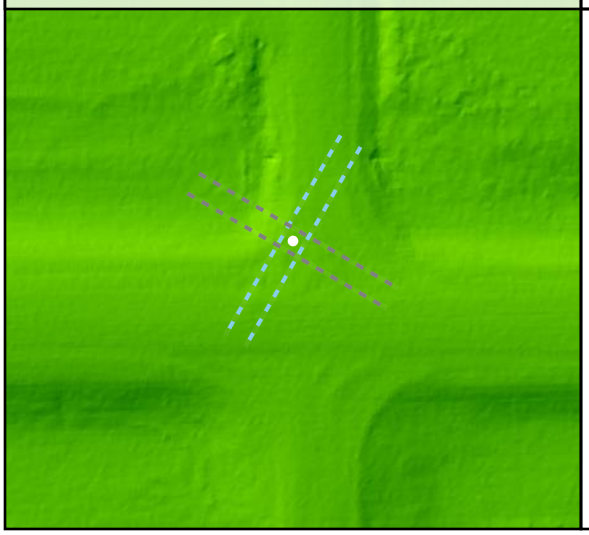
Southwest to Northeast



Intensity Raster



TIN Surface

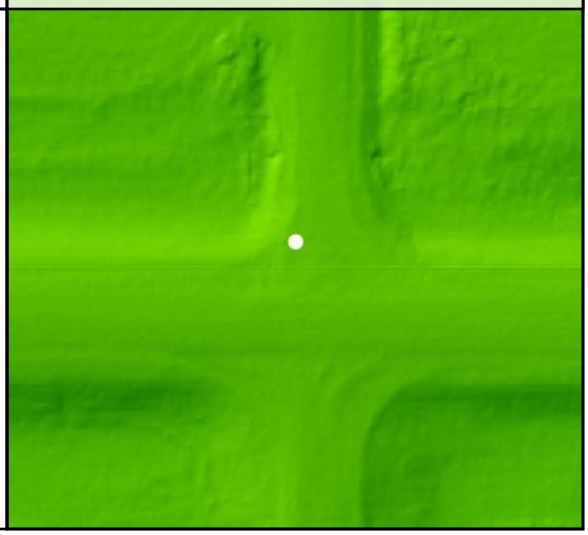


Project Elevation

795.78

413.64

DEM Surface



DEM Dz +0.02 m

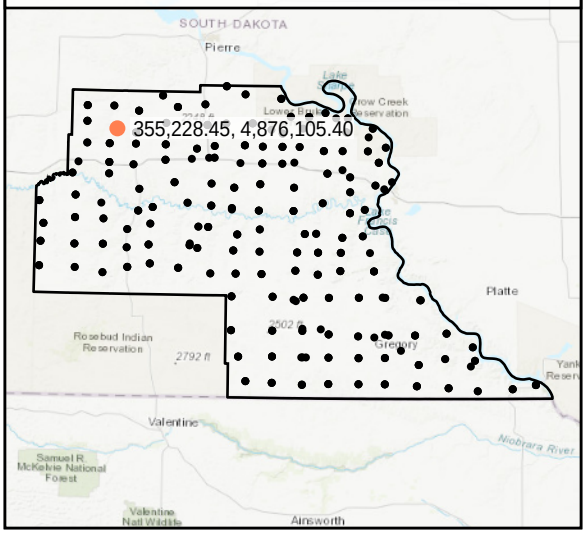
NVA - BE091

Raw TIN Dz +0.03 m

BE092

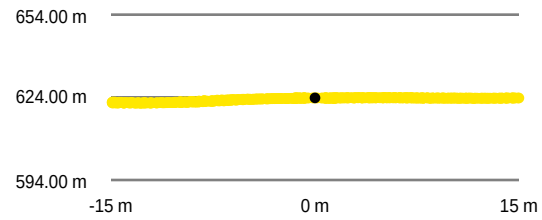
Known Z	623.80 m	Point Density	4.42 ppsm
DEM Dz	-0.03 m	Ground Density	4.42 ppsm
Raw TIN Dz	-0.02 m	Slope	3.81 °

Project Context

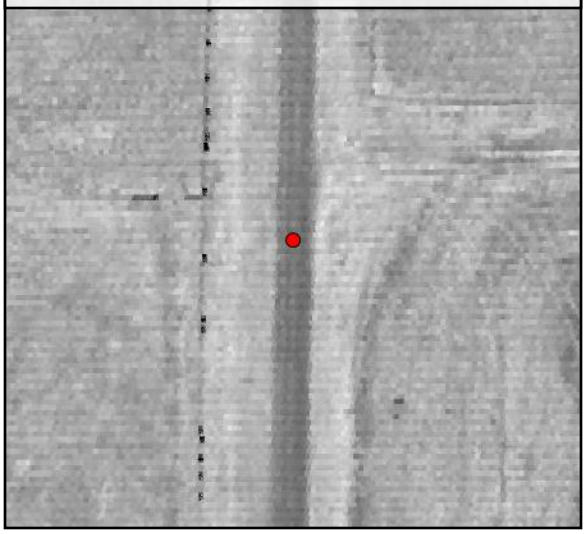


World Imagery

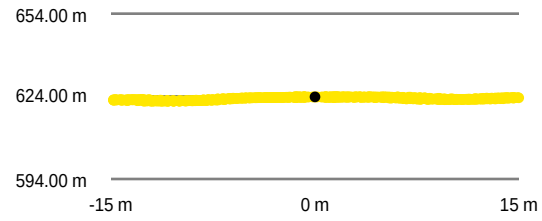
Southwest to Northeast



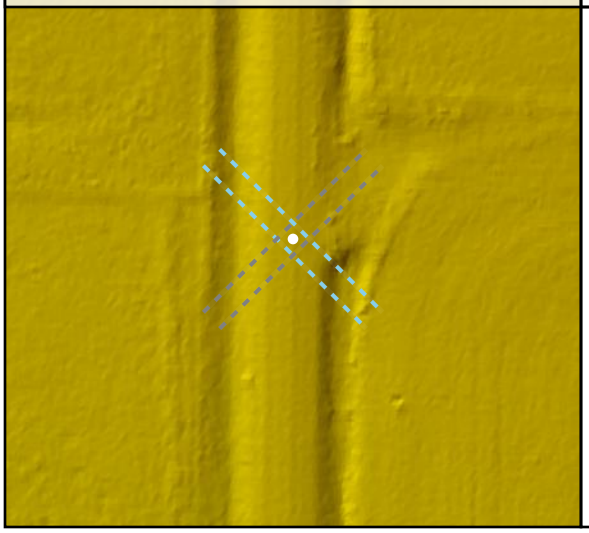
Intensity Raster



Southeast to Northwest

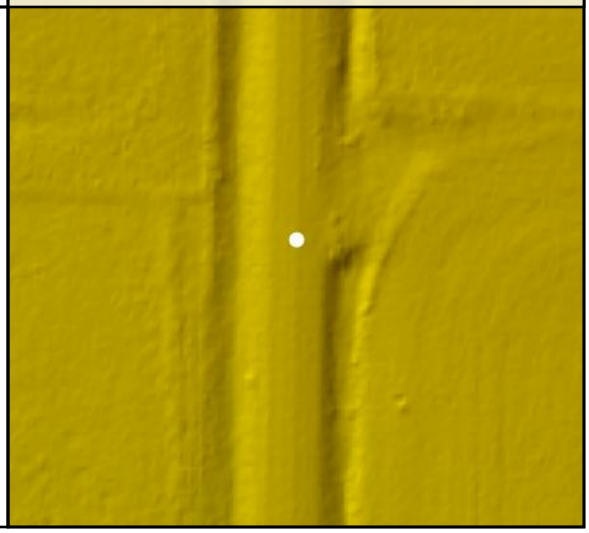


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

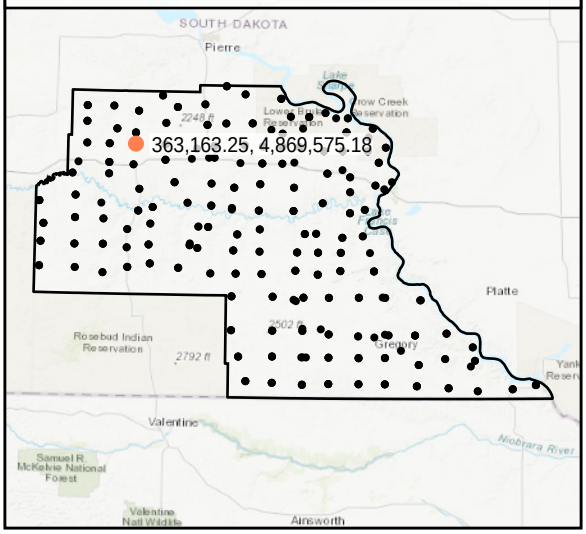
NVA - BE092

Raw TIN Dz -0.02 m

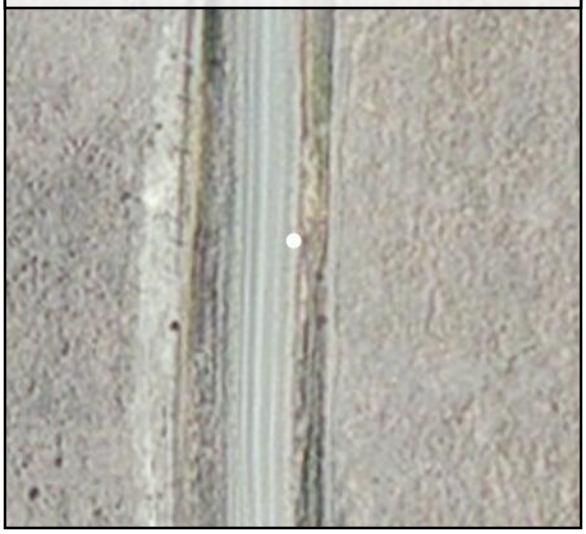
BE093

Known Z	665.00 m	Point Density	4.70 ppsm
DEM Dz	-0.02 m	Ground Density	4.70 ppsm
Raw TIN Dz	-0.02 m	Slope	1.66 °

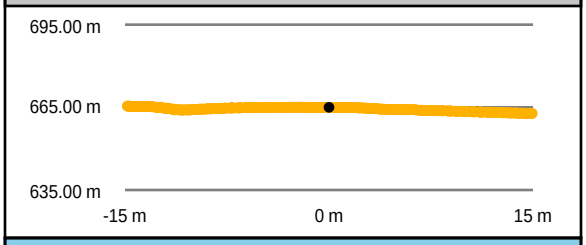
Project Context



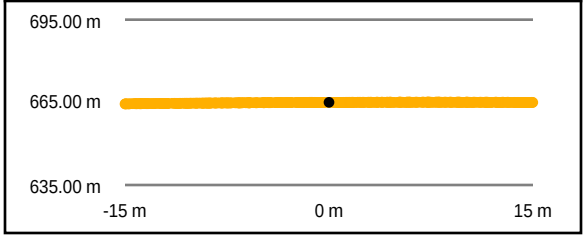
World Imagery



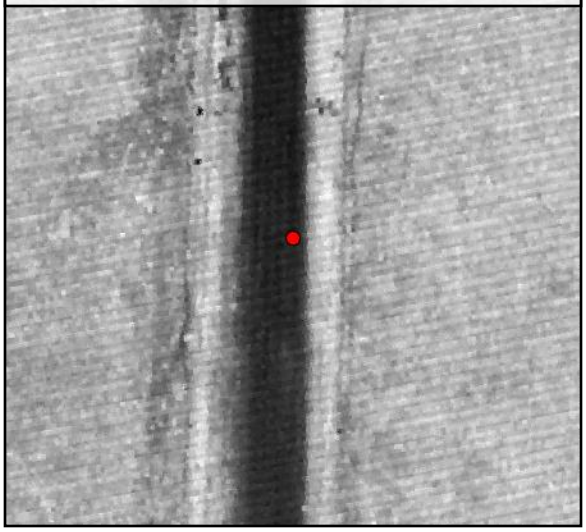
West to East



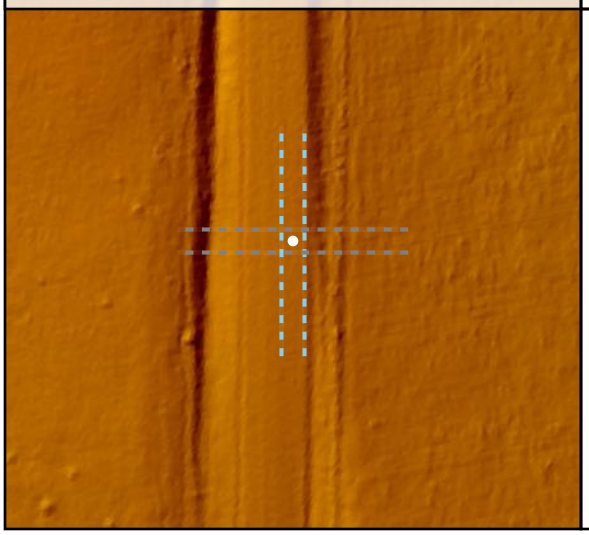
South to North



Intensity Raster

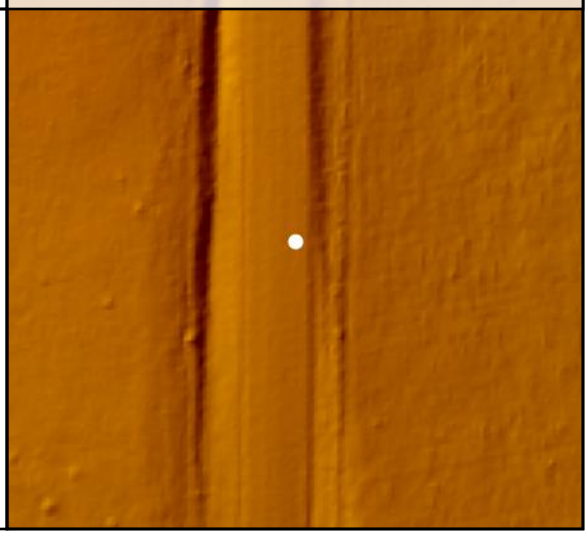


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

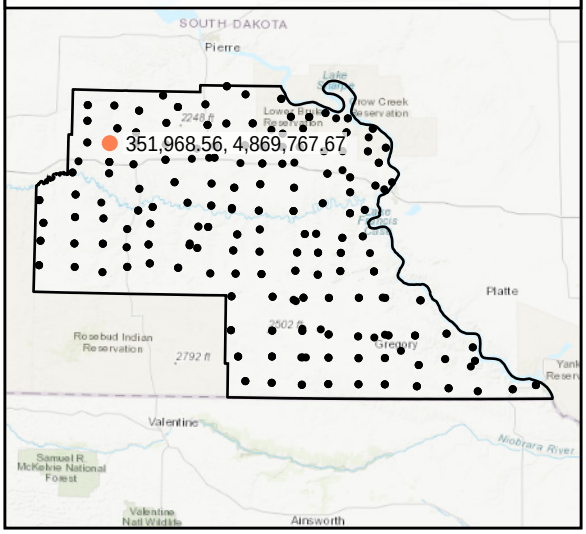
NVA - BE093

Raw TIN Dz -0.02 m

BE094

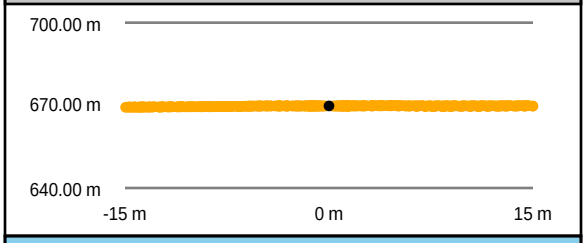
Known Z	669.79 m	Point Density	4.24 ppsm
DEM Dz	-0.03 m	Ground Density	4.24 ppsm
Raw TIN Dz	-0.03 m	Slope	0.80 °

Project Context

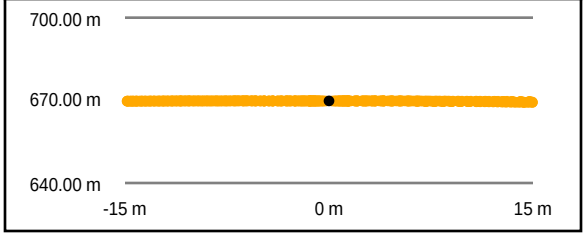


World Imagery

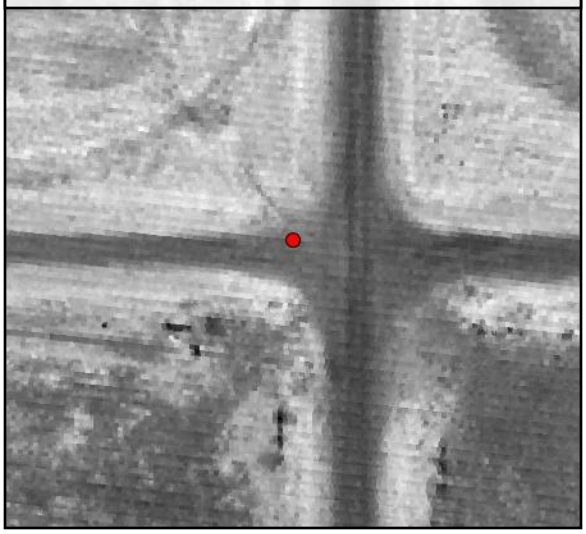
Southwest to Northeast



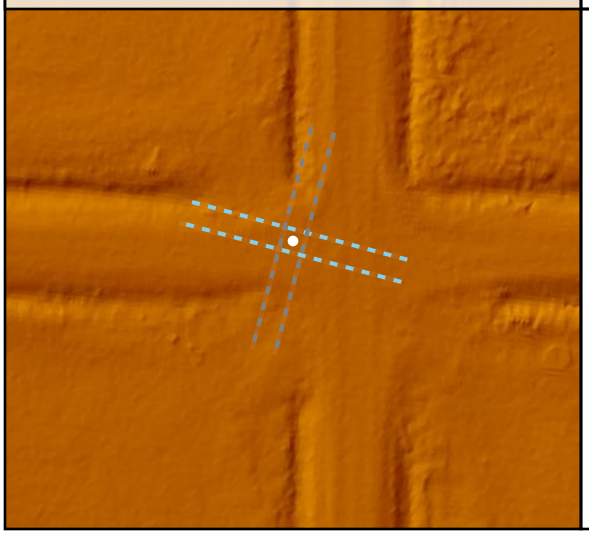
Southeast to Northwest



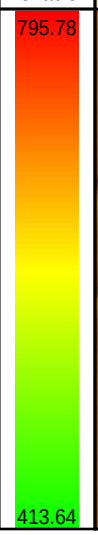
Intensity Raster



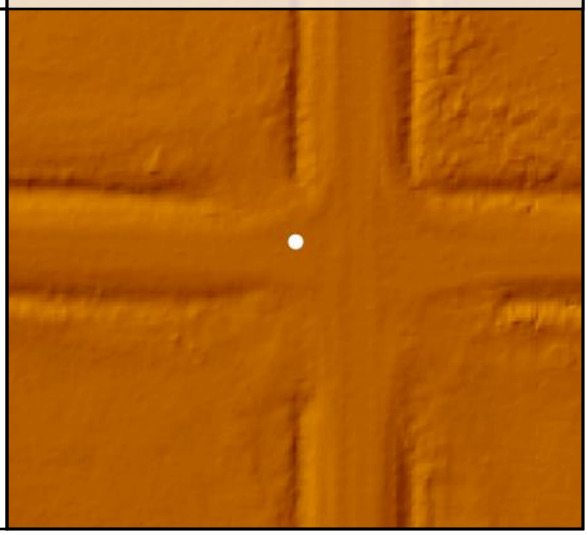
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.03 m

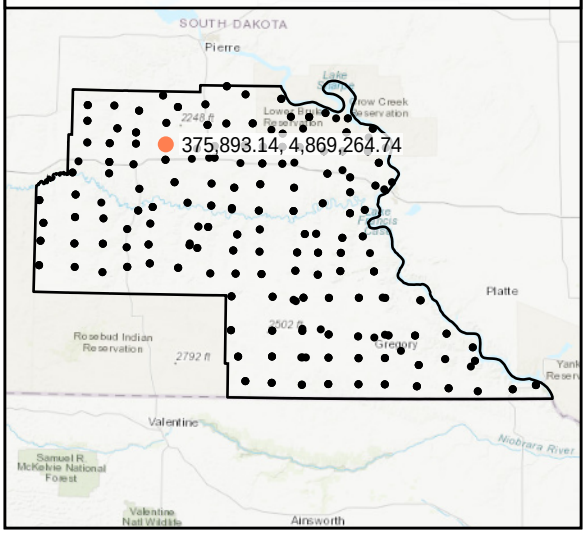
NVA - BE094

Raw TIN Dz -0.03 m

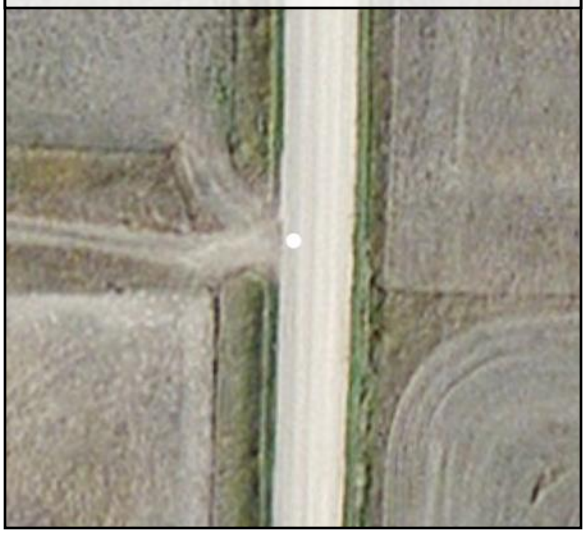
BE095

Known Z	702.73 m	Point Density	4.46 ppsm
DEM Dz	-0.06 m	Ground Density	4.46 ppsm
Raw TIN Dz	-0.08 m	Slope	9.49 °

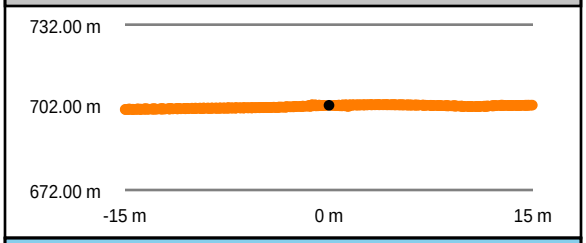
Project Context



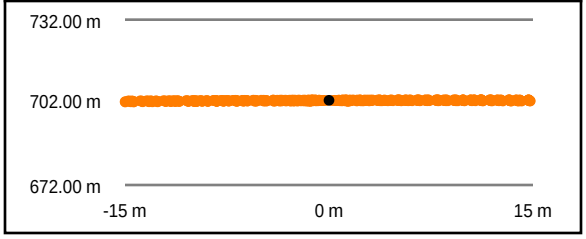
World Imagery



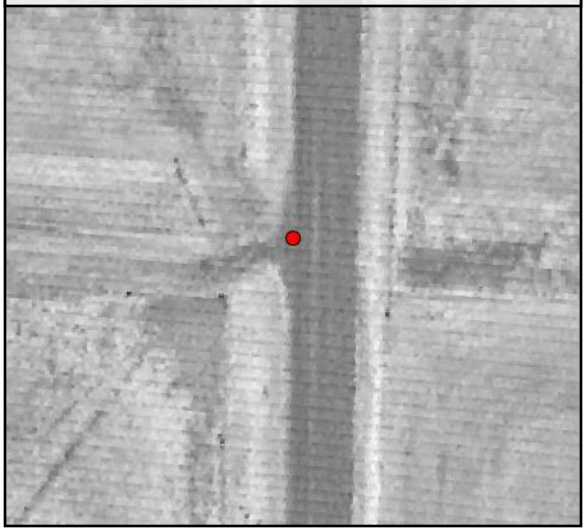
West to East



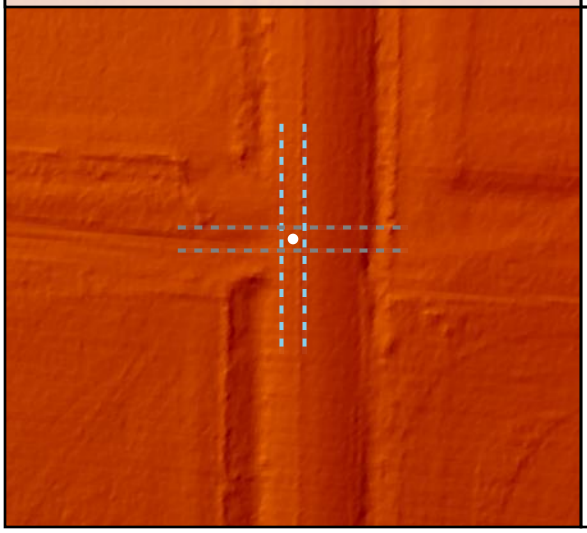
South to North



Intensity Raster

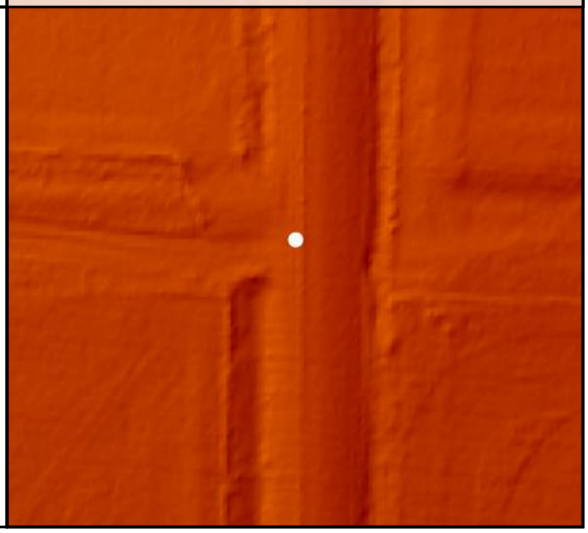


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

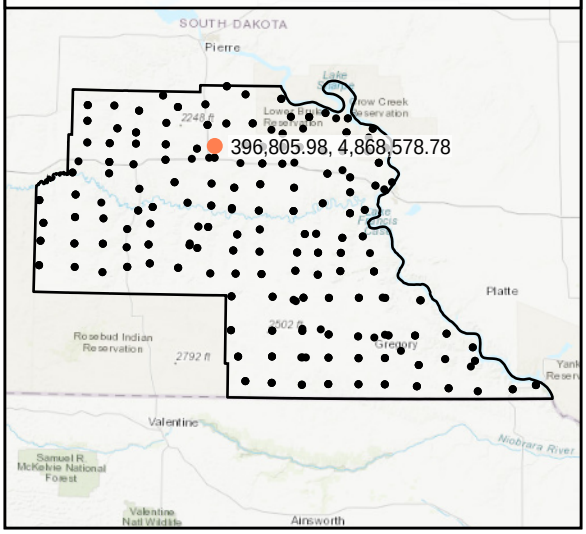
NVA - BE095

Raw TIN Dz -0.08 m

BE096

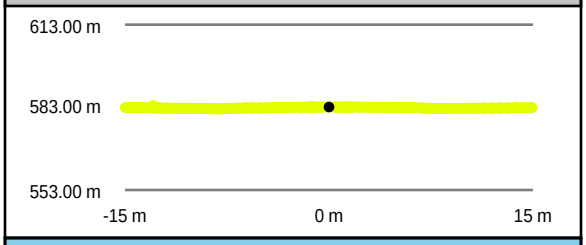
Known Z	583.11 m	Point Density	4.24 ppsm
DEM Dz	-0.01 m	Ground Density	4.24 ppsm
Raw TIN Dz	-0.01 m	Slope	1.34 °

Project Context

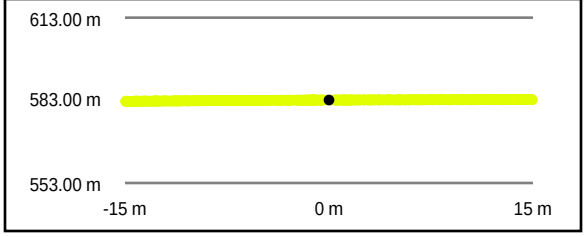


World Imagery

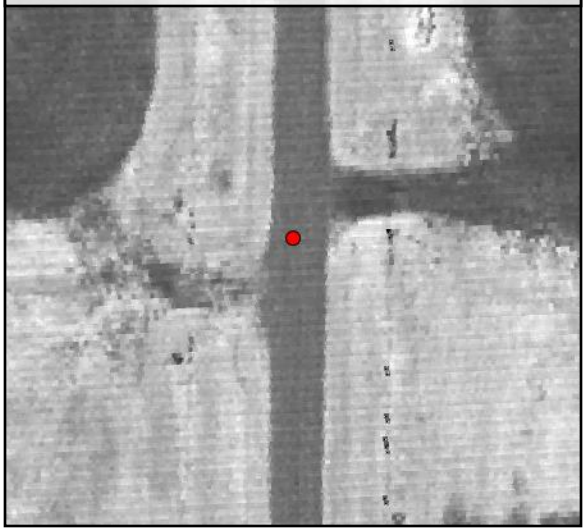
Southeast to Northwest



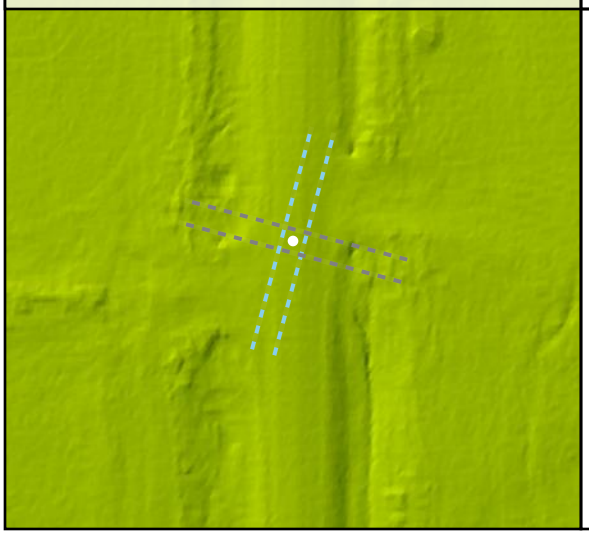
Southwest to Northeast



Intensity Raster

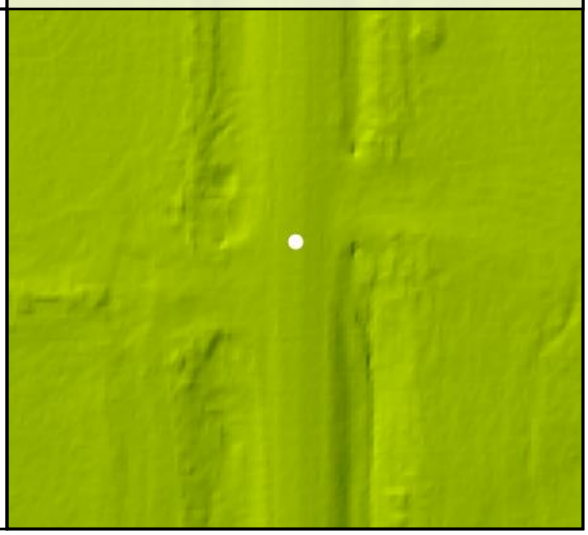


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

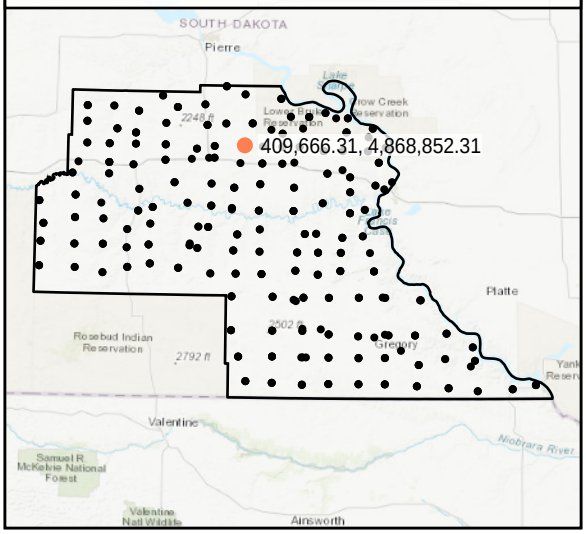
NVA - BE096

Raw TIN Dz -0.01 m

BE097

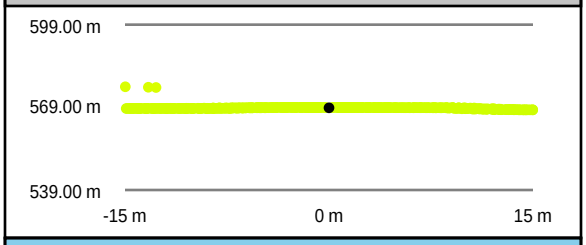
Known Z	568.82 m	Point Density	3.68 ppsm
DEM Dz	0.12 m	Ground Density	3.68 ppsm
Raw TIN Dz	0.12 m	Slope	0.69 °

Project Context

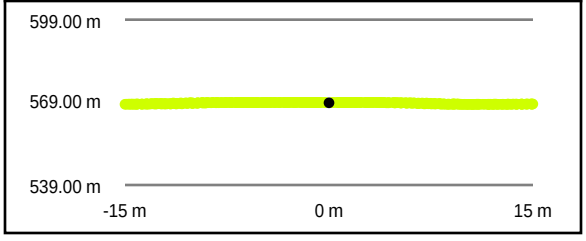


World Imagery

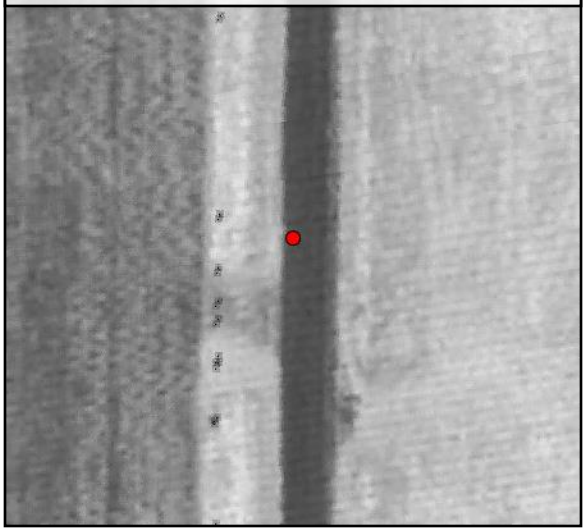
Southwest to Northeast



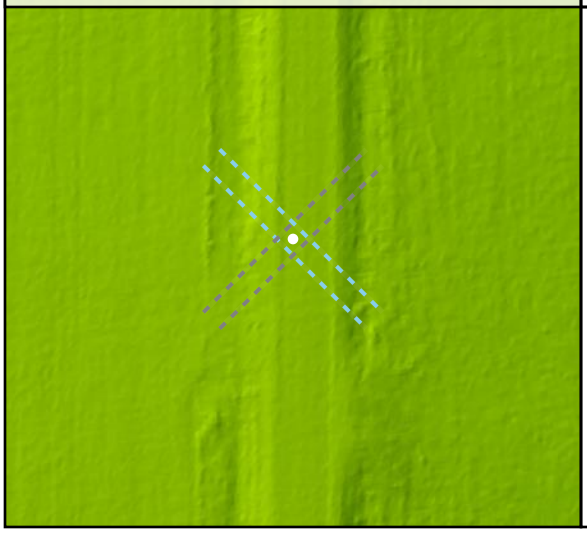
Southeast to Northwest



Intensity Raster

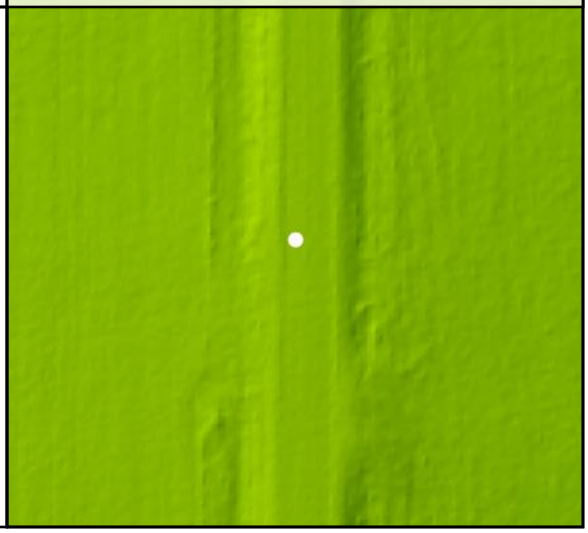


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.12 m

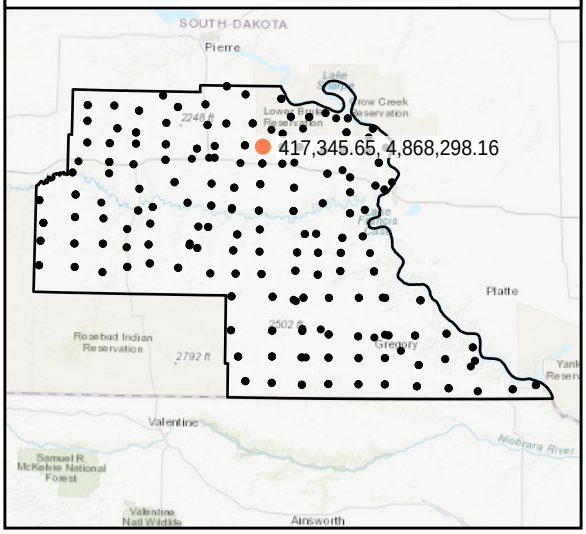
NVA - BE097

Raw TIN Dz +0.12 m

BE098

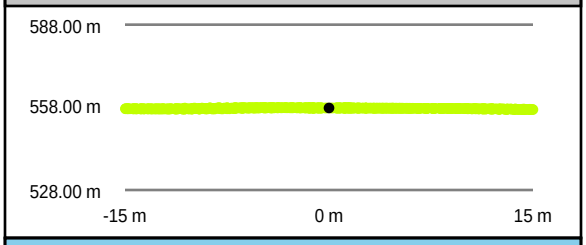
Known Z	557.77 m	Point Density	4.63 ppsm
DEM Dz	0.00 m	Ground Density	4.63 ppsm
Raw TIN Dz	-0.01 m	Slope	1.01 °

Project Context

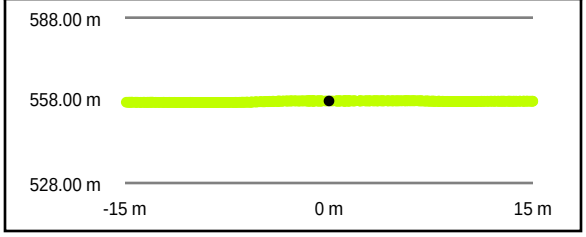


World Imagery

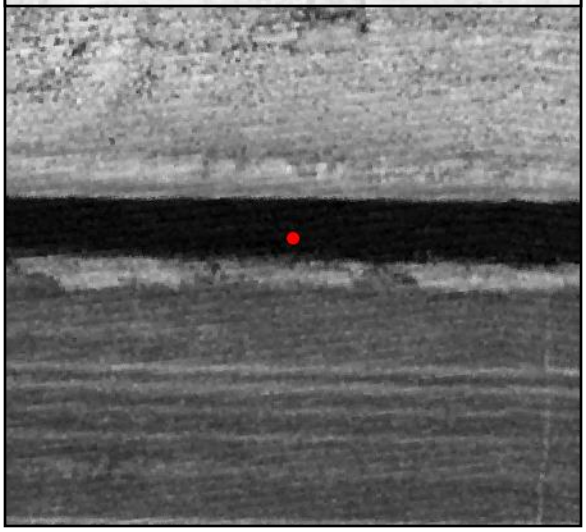
Southwest to Northeast



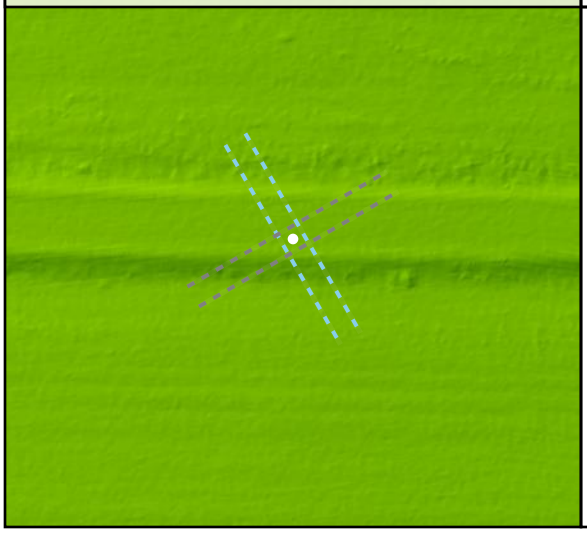
Southeast to Northwest



Intensity Raster

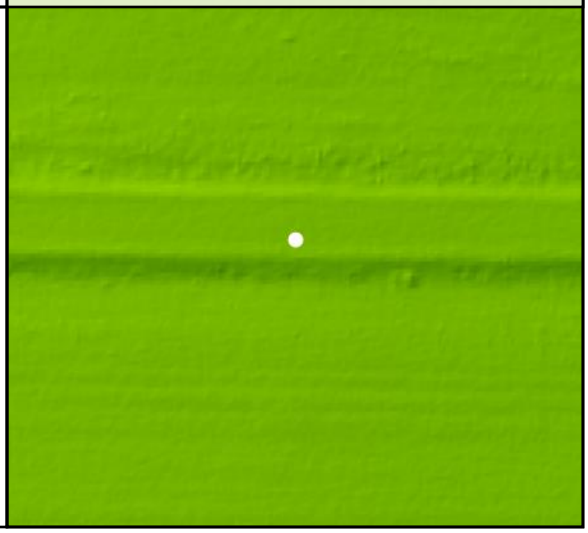


TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

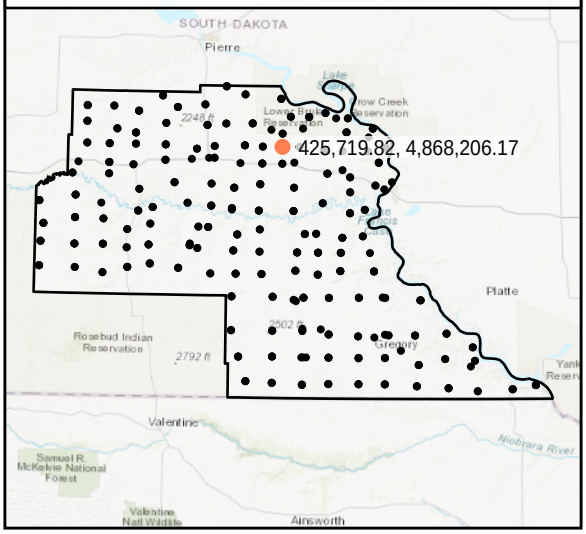
NVA - BE098

Raw TIN Dz -0.01 m

BE099

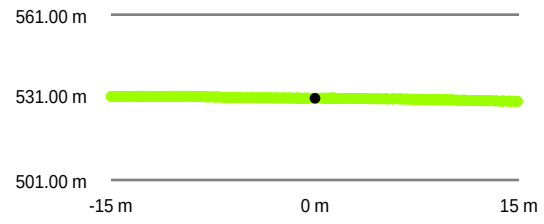
Known Z	530.65 m	Point Density	4.39 ppsm
DEM Dz	0.04 m	Ground Density	4.39 ppsm
Raw TIN Dz	0.04 m	Slope	1.87 °

Project Context

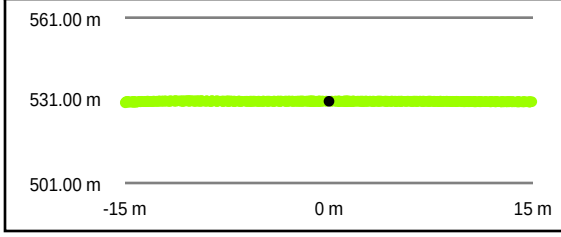


World Imagery

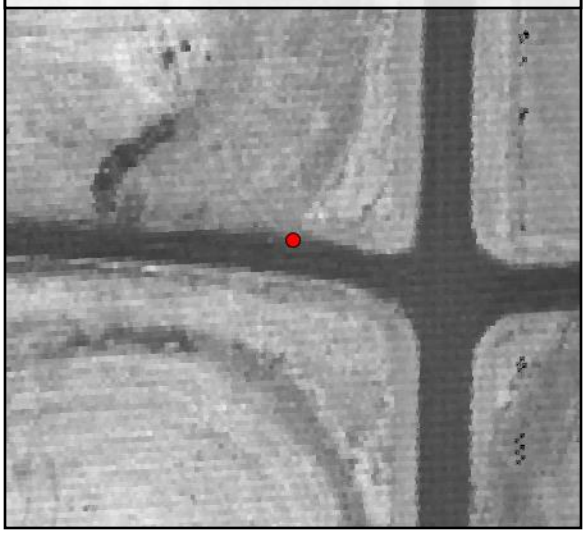
Southwest to Northeast



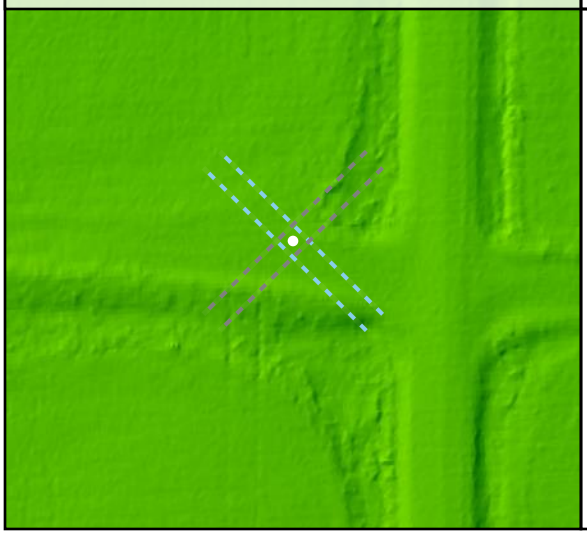
Southeast to Northwest



Intensity Raster

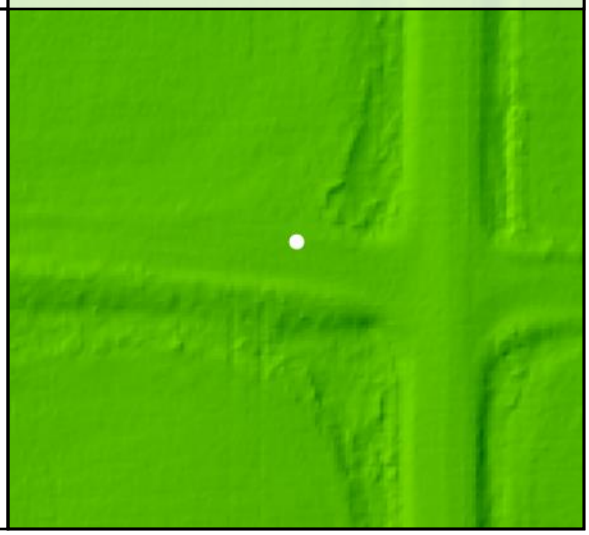


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

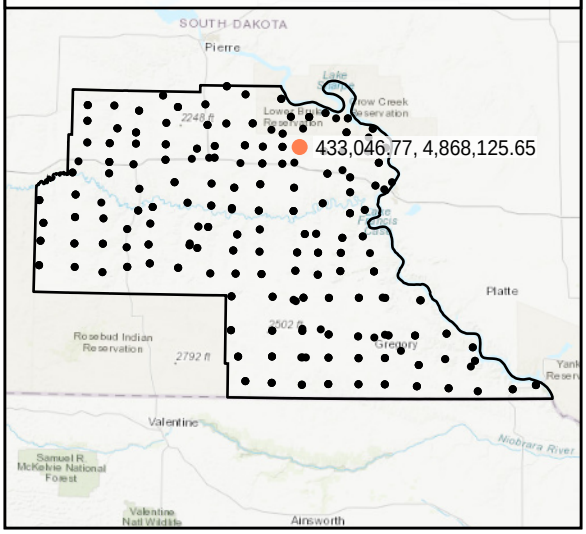
NVA - BE099

Raw TIN Dz +0.04 m

BE100

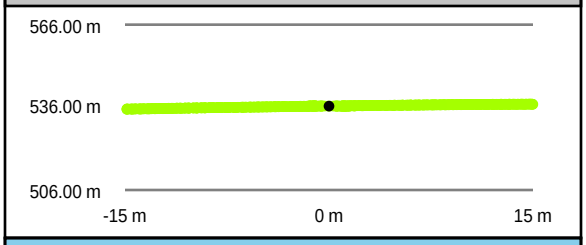
Known Z	536.44 m	Point Density	4.92 ppsm
DEM Dz	0.02 m	Ground Density	4.92 ppsm
Raw TIN Dz	0.01 m	Slope	4.42 °

Project Context

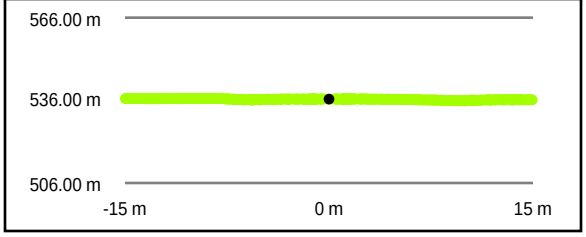


World Imagery

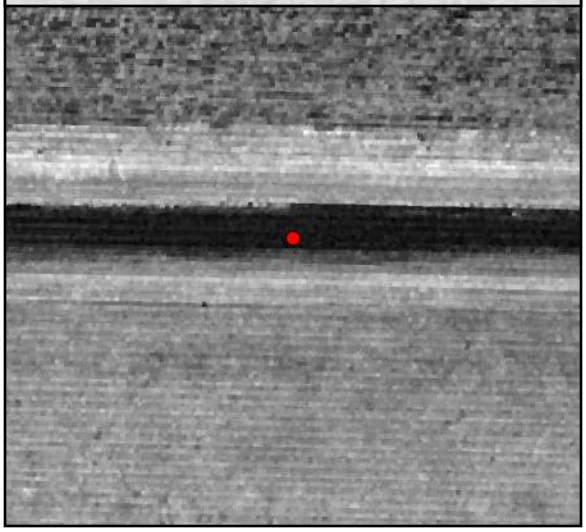
Southeast to Northwest



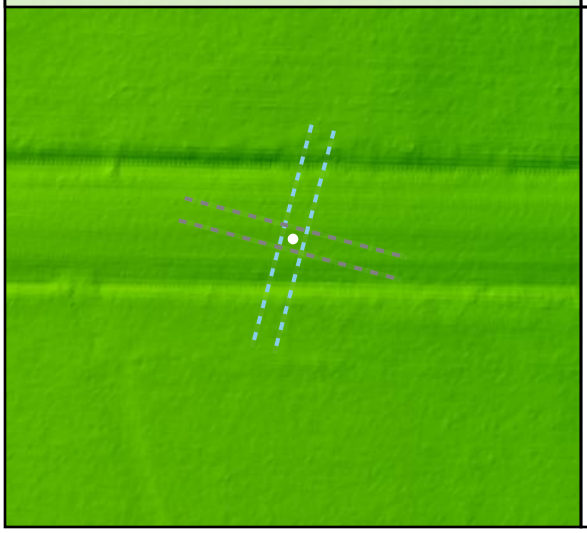
Southwest to Northeast



Intensity Raster

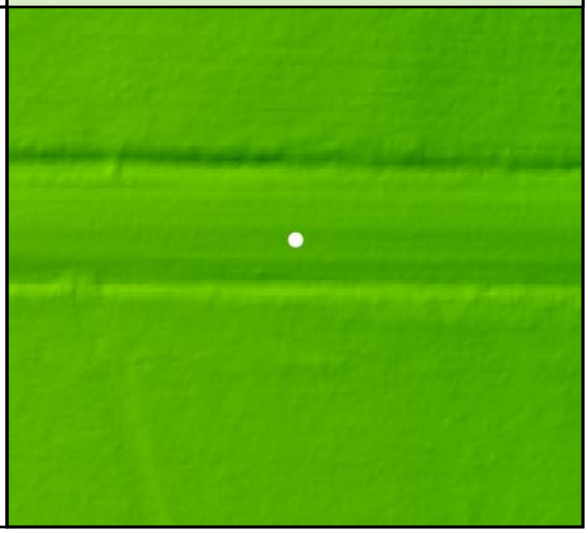


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

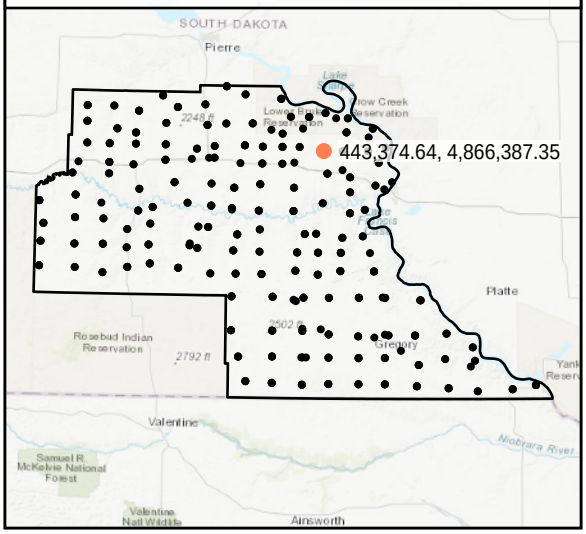
NVA - BE100

Raw TIN Dz +0.01 m

BE101

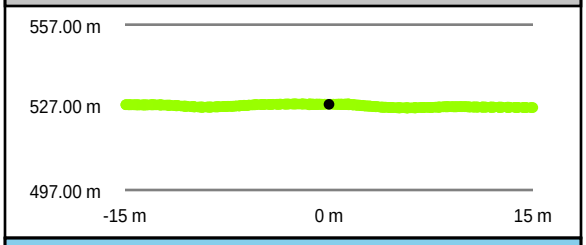
Known Z	528.10 m	Point Density	4.03 ppsm
DEM Dz	0.03 m	Ground Density	4.03 ppsm
Raw TIN Dz	0.03 m	Slope	3.54 °

Project Context

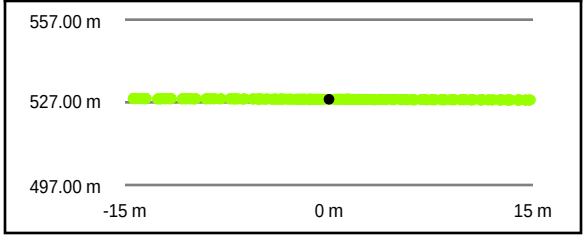


World Imagery

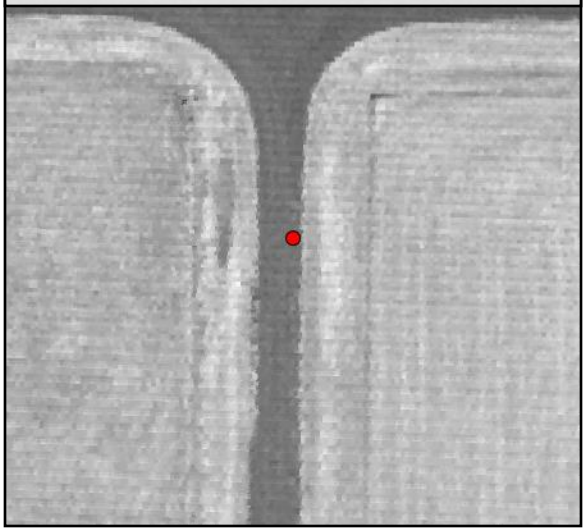
West to East



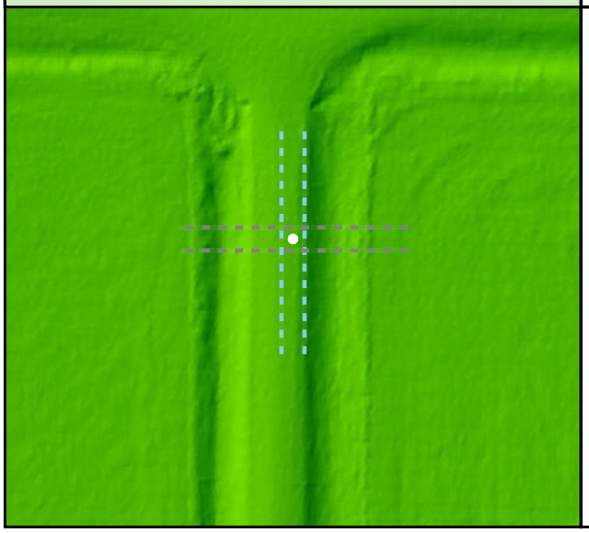
South to North



Intensity Raster

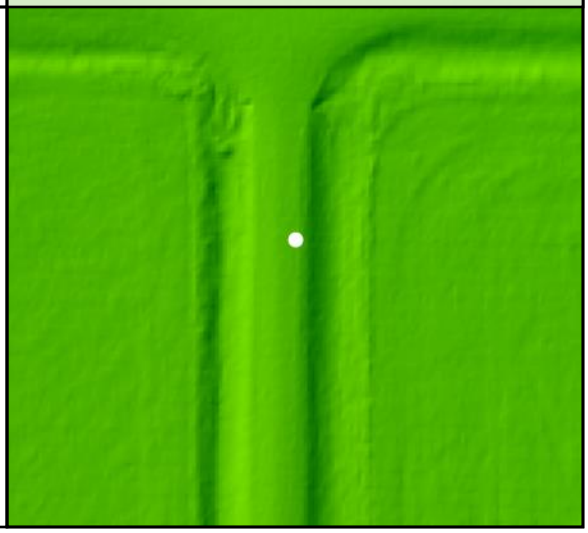


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

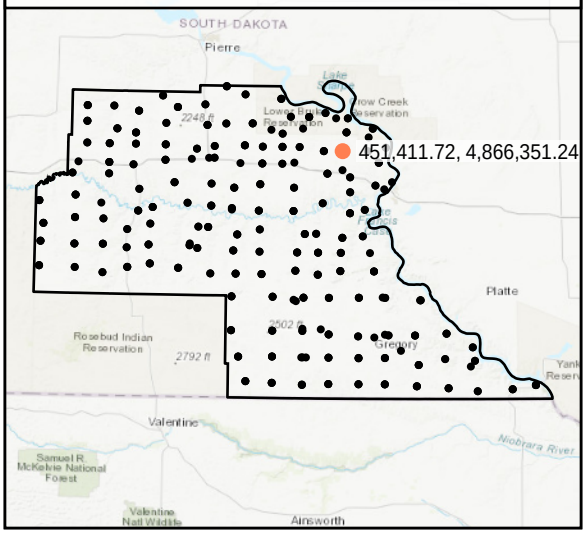
NVA - BE101

Raw TIN Dz +0.03 m

BE102

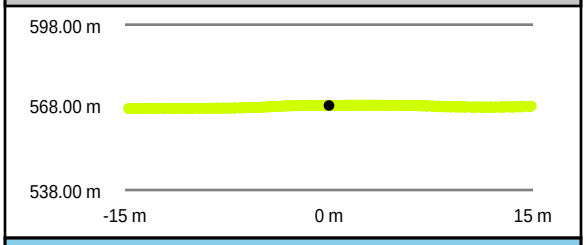
Known Z	568.67 m	Point Density	4.81 ppsm
DEM Dz	0.03 m	Ground Density	4.81 ppsm
Raw TIN Dz	0.04 m	Slope	3.39 °

Project Context

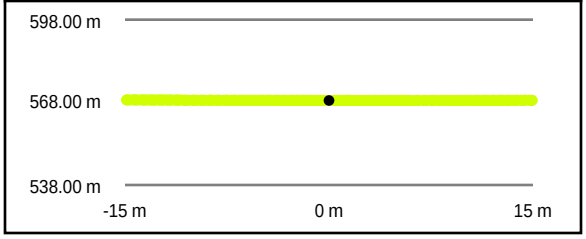


World Imagery

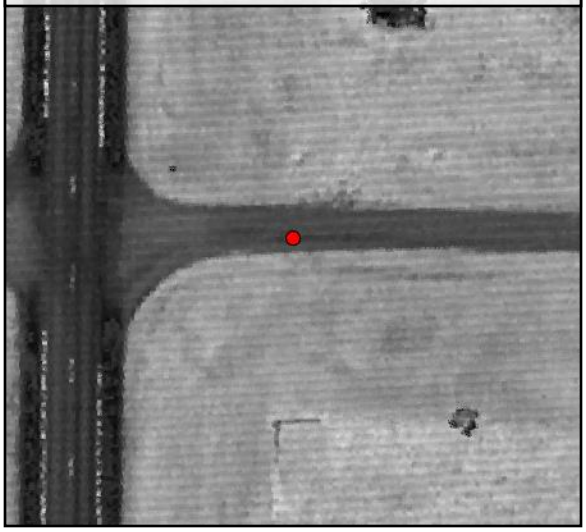
South to North



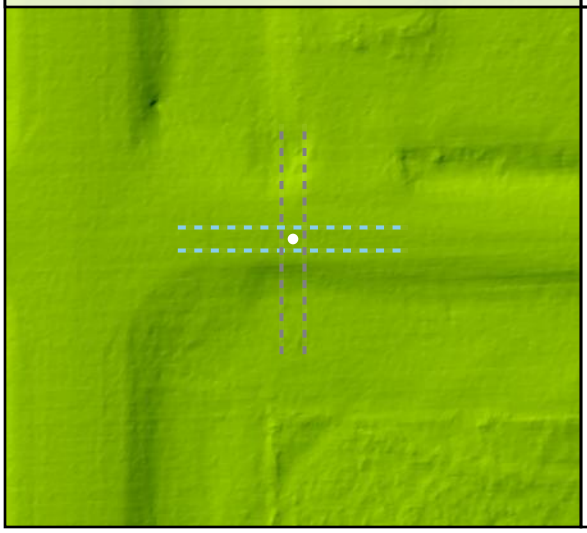
West to East



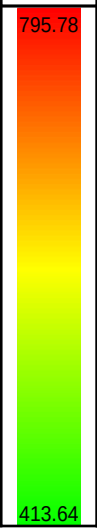
Intensity Raster



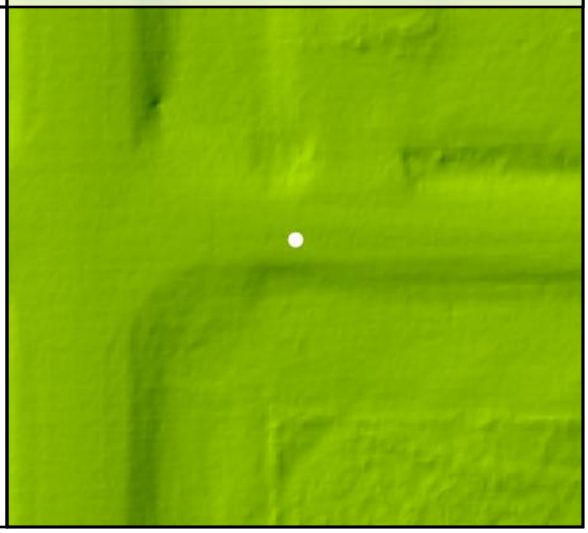
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.03 m

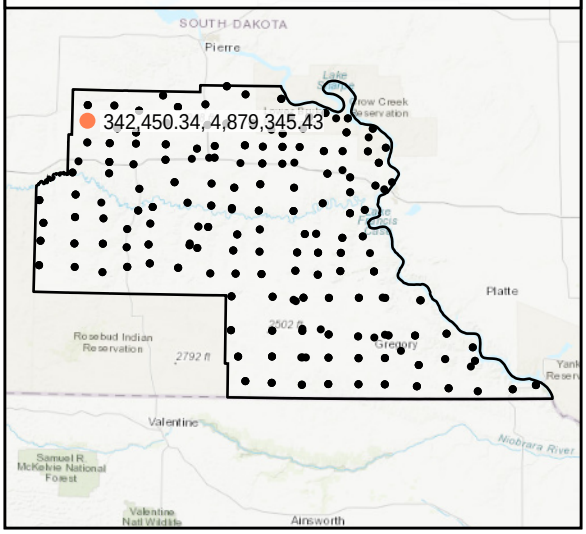
NVA - BE102

Raw TIN Dz +0.04 m

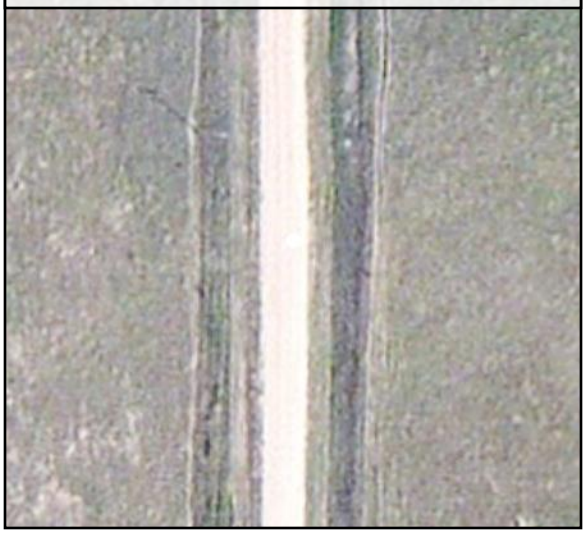
BE103

Known Z	639.78 m	Point Density	5.31 ppsm
DEM Dz	0.03 m	Ground Density	5.31 ppsm
Raw TIN Dz	0.03 m	Slope	1.28 °

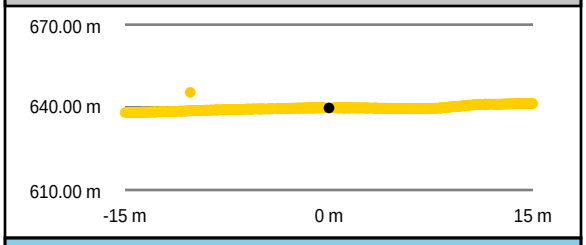
Project Context



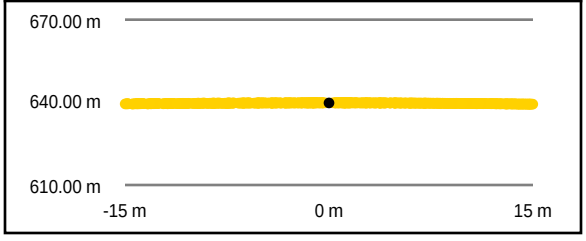
World Imagery



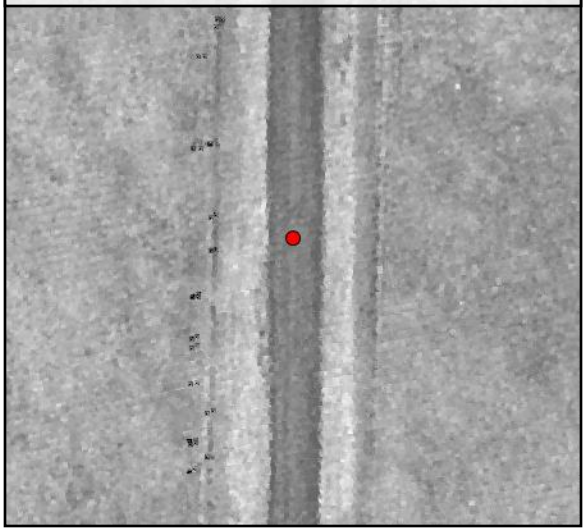
West to East



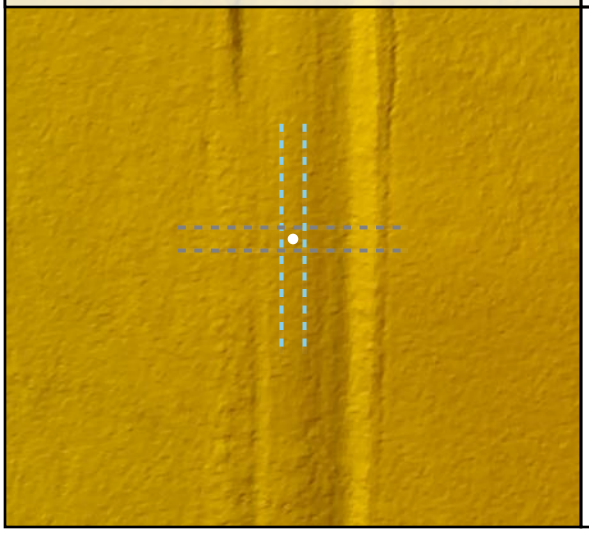
South to North



Intensity Raster

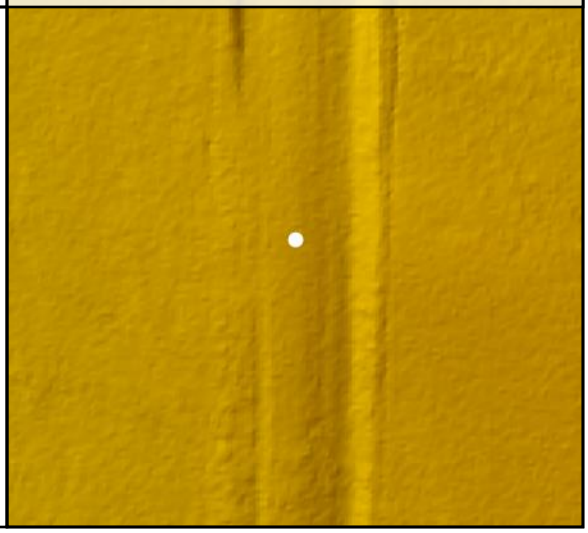


TIN Surface



Project Elevation

DEM Surface



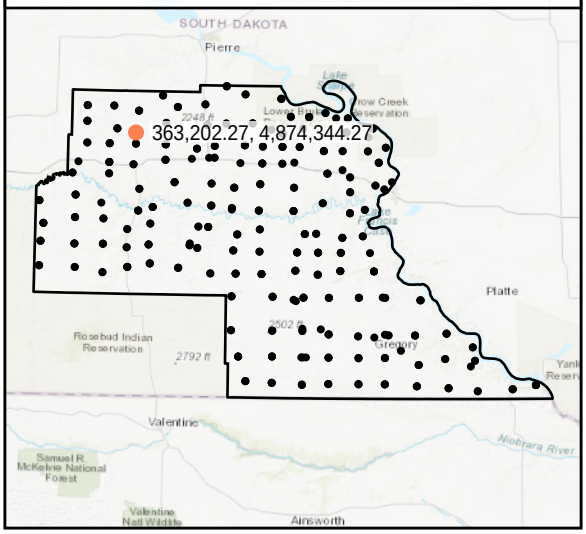
DEM Dz +0.03 m

NVA - BE103

Raw TIN Dz +0.03 m

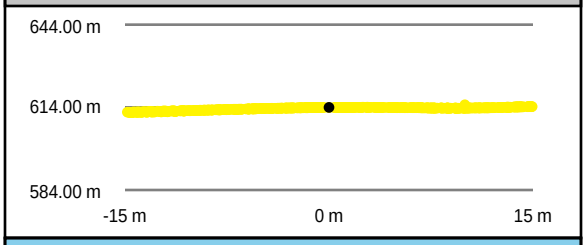
BE104				
	Known Z	613.97 m	Point Density	5.20 ppsm
	DEM Dz	-0.04 m	Ground Density	5.20 ppsm
	Raw TIN Dz	-0.04 m	Slope	2.47 °

Project Context

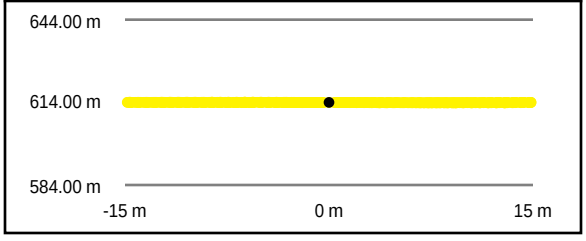


World Imagery

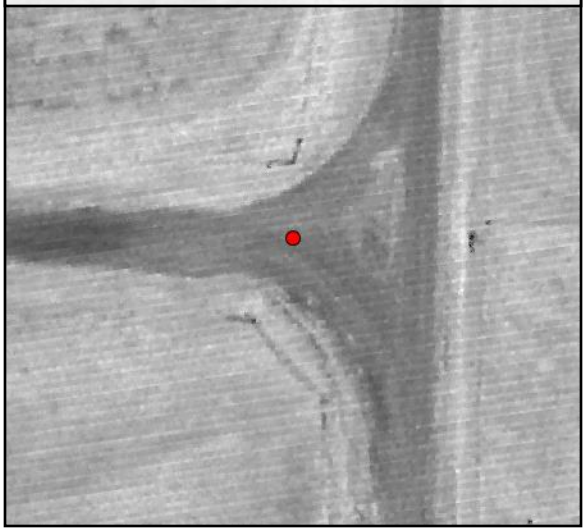
Southeast to Northwest



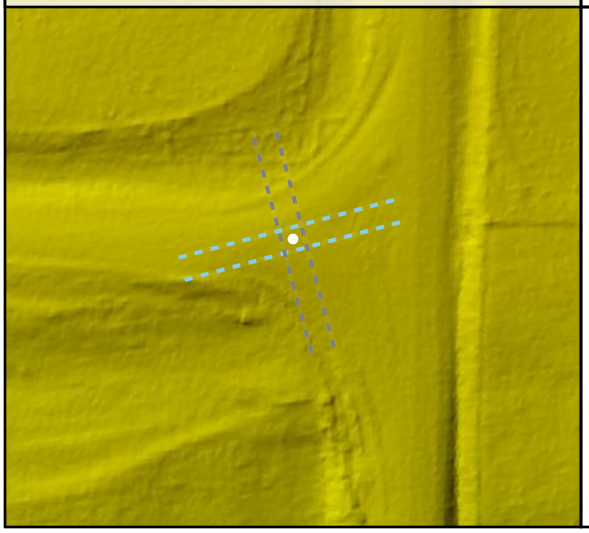
Southwest to Northeast



Intensity Raster

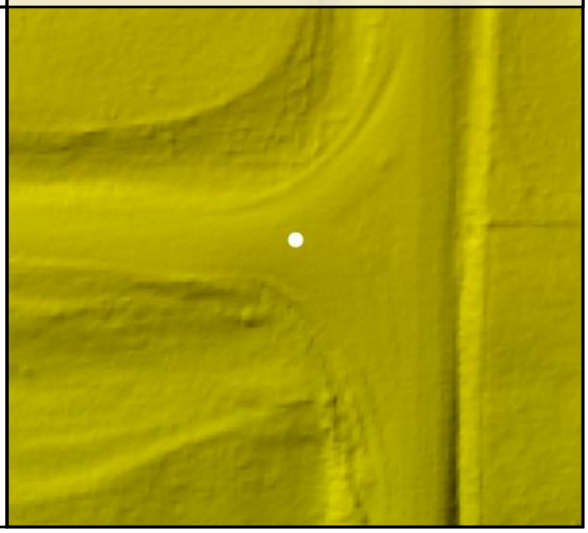


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

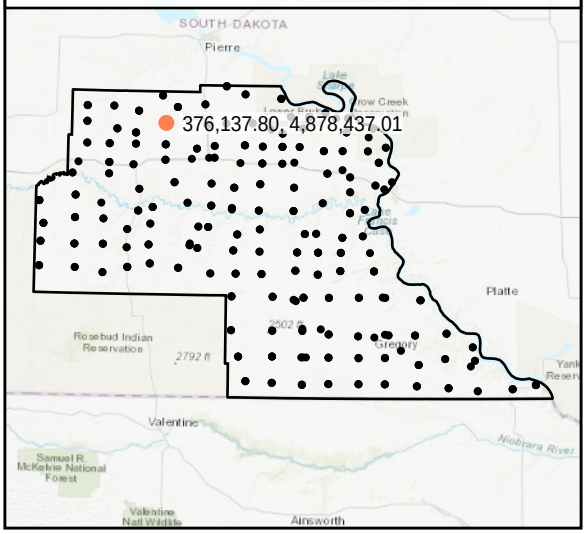
NVA - BE104

Raw TIN Dz -0.04 m

BE105

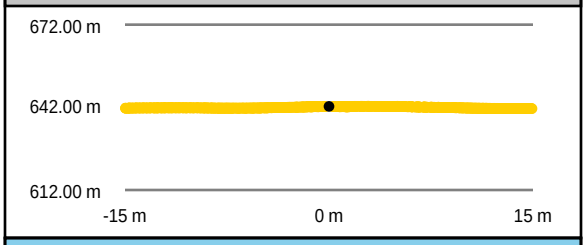
Known Z	642.34 m	Point Density	7.25 ppsm
DEM Dz	-0.06 m	Ground Density	7.25 ppsm
Raw TIN Dz	-0.05 m	Slope	4.08 °

Project Context

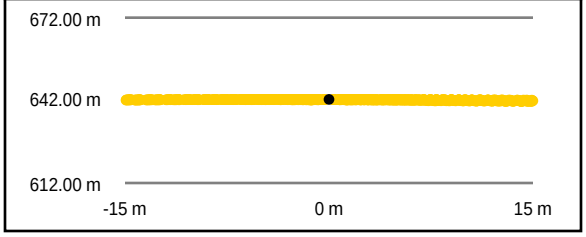


World Imagery

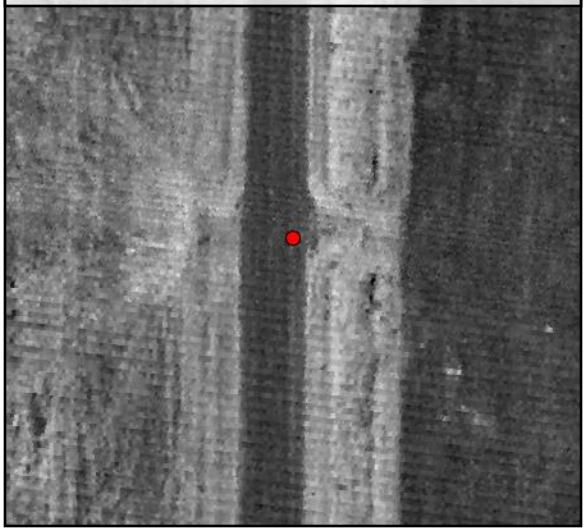
Southeast to Northwest



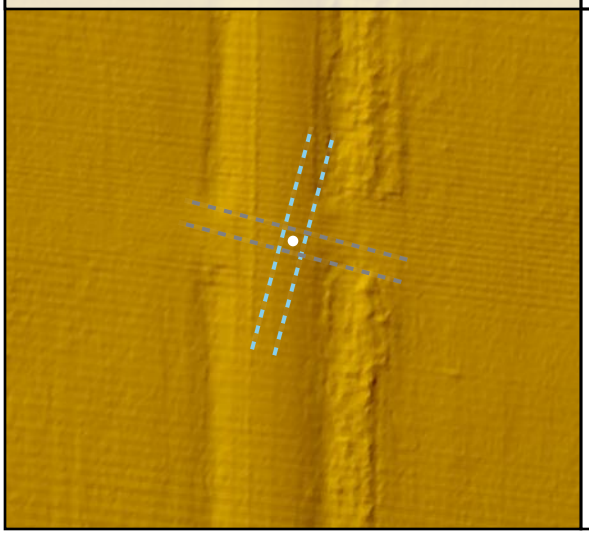
Southwest to Northeast



Intensity Raster

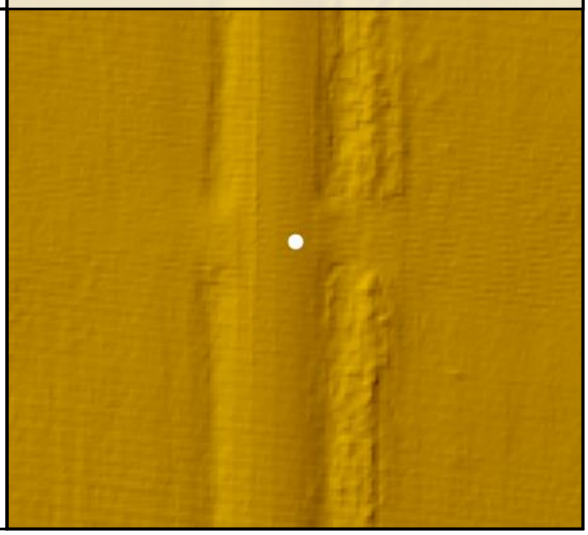


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

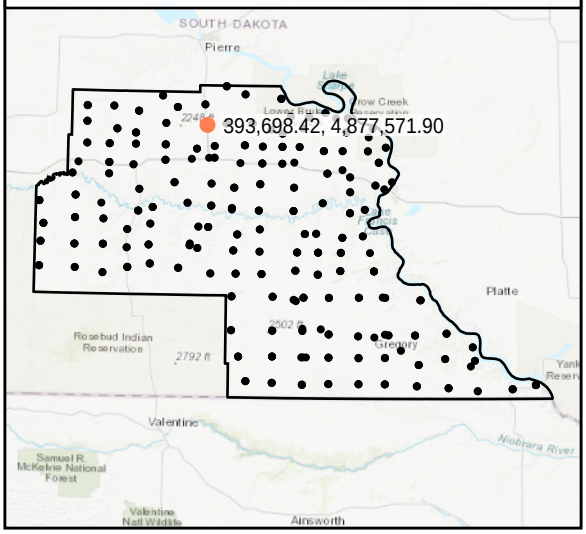
NVA - BE105

Raw TIN Dz -0.05 m

BE106

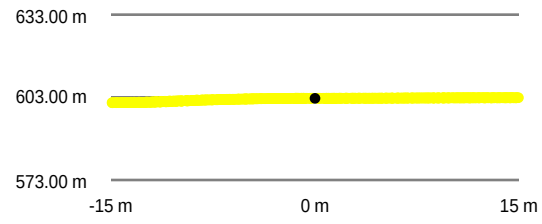
Known Z	602.63 m	Point Density	5.48 ppsm
DEM Dz	0.02 m	Ground Density	5.48 ppsm
Raw TIN Dz	0.03 m	Slope	1.20 °

Project Context

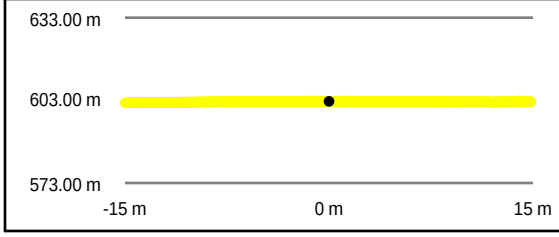


World Imagery

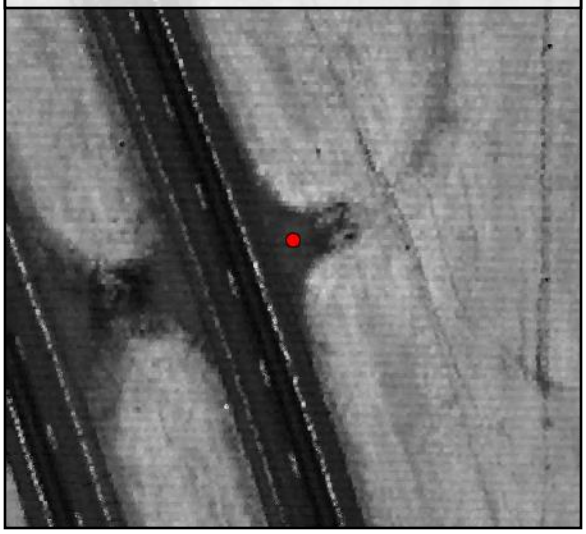
Southeast to Northwest



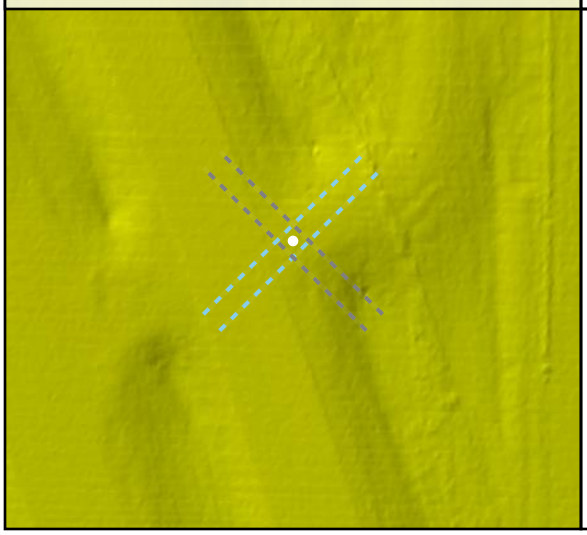
Southwest to Northeast



Intensity Raster

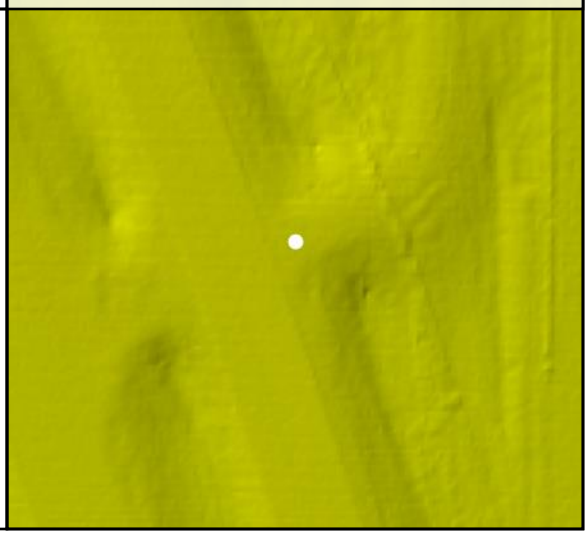


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

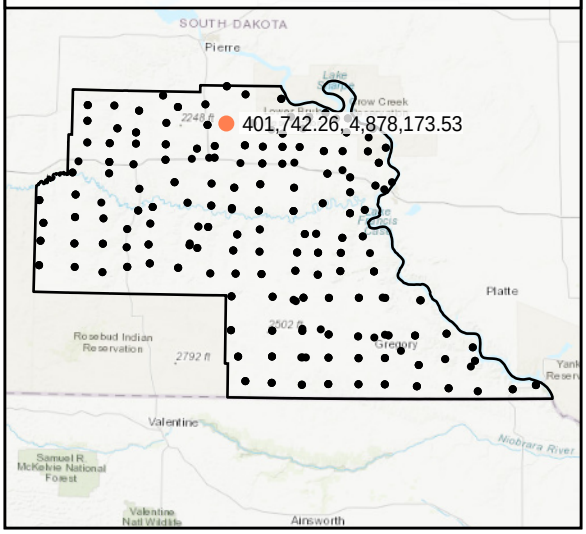
NVA - BE106

Raw TIN Dz +0.03 m

BE107

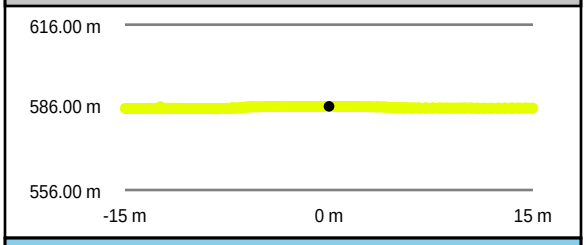
Known Z	586.34 m	Point Density	4.85 ppsm
DEM Dz	0.01 m	Ground Density	4.85 ppsm
Raw TIN Dz	0.01 m	Slope	0.73 °

Project Context

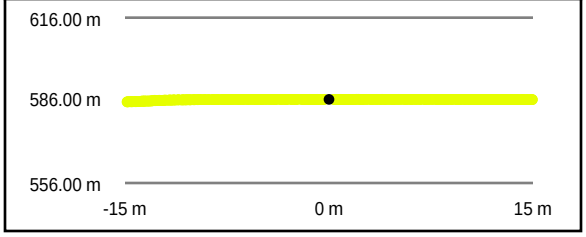


World Imagery

Southwest to Northeast

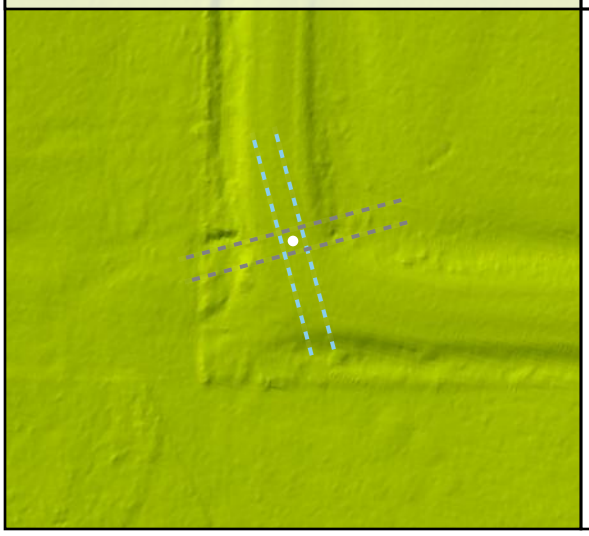


Southeast to Northwest



Intensity Raster

TIN Surface

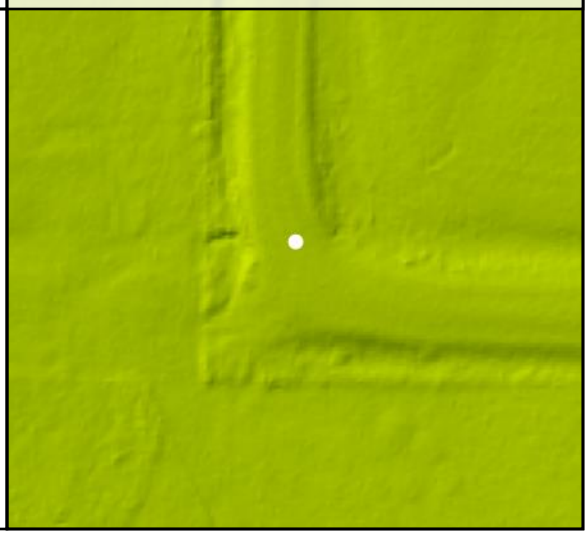


Project Elevation

795.78

413.64

DEM Surface



DEM Dz +0.01 m

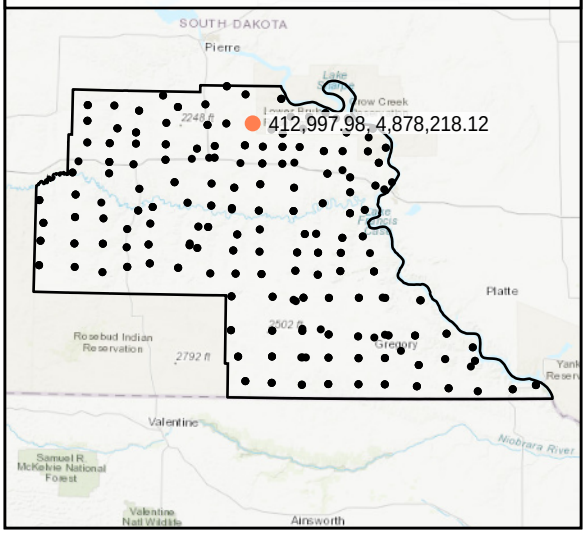
NVA - BE107

Raw TIN Dz +0.01 m

BE108

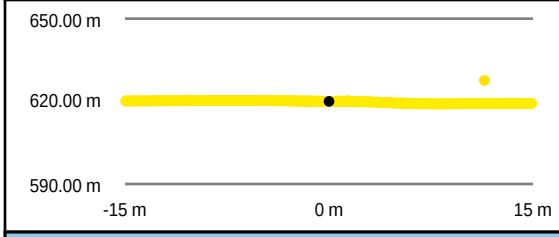
Known Z	619.97 m	Point Density	4.95 ppsm
DEM Dz	0.06 m	Ground Density	4.95 ppsm
Raw TIN Dz	0.07 m	Slope	4.04 °

Project Context

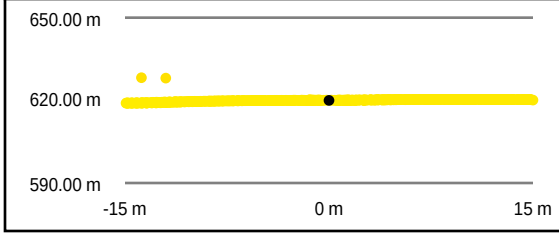


World Imagery

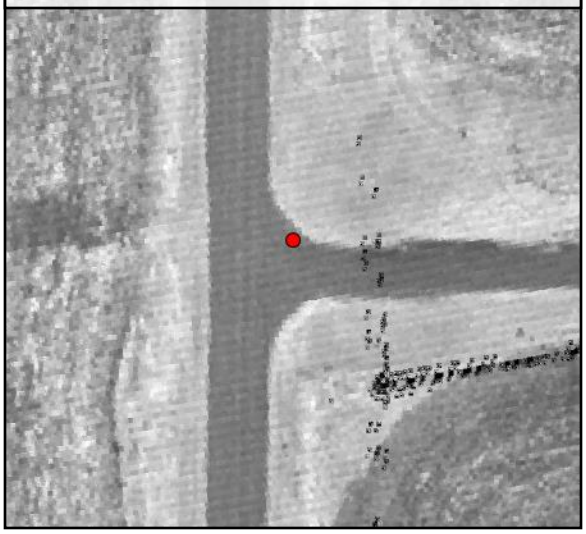
Southwest to Northeast



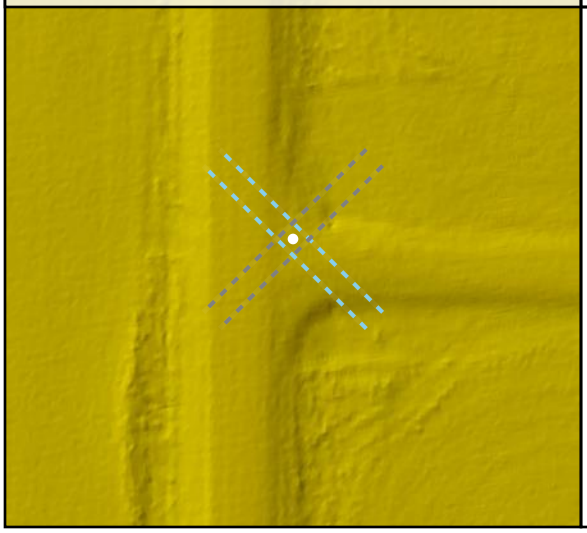
Southeast to Northwest



Intensity Raster

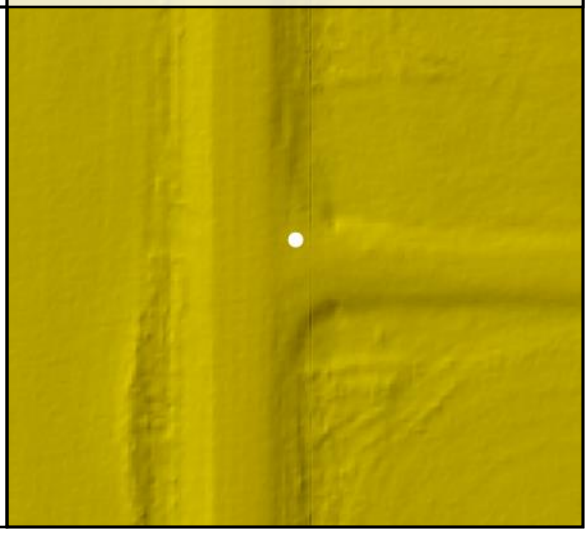


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

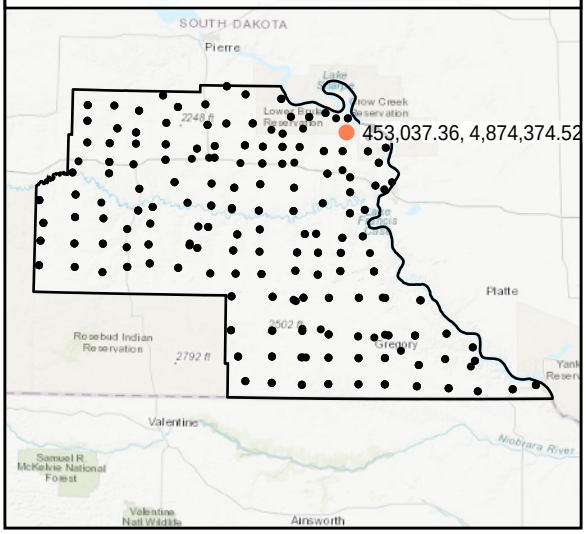
NVA - BE108

Raw TIN Dz +0.07 m

BE109

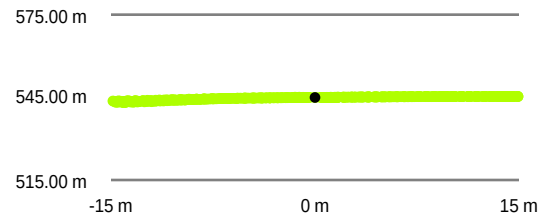
Known Z	544.94 m	Point Density	4.85 ppsm
DEM Dz	0.02 m	Ground Density	4.85 ppsm
Raw TIN Dz	0.04 m	Slope	2.92 °

Project Context

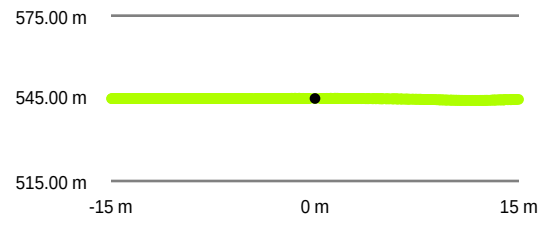


World Imagery

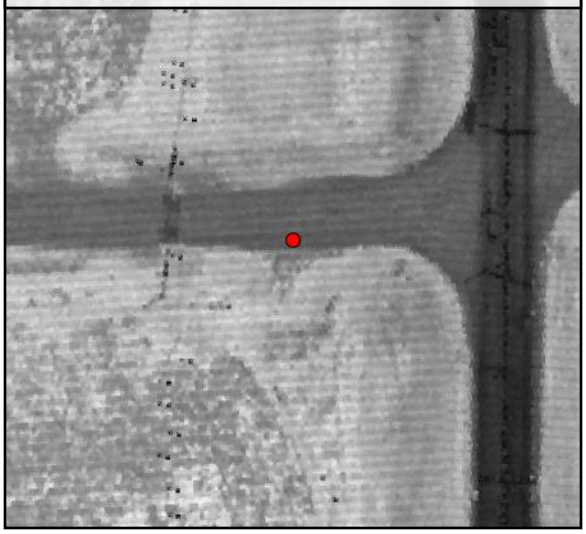
Southeast to Northwest



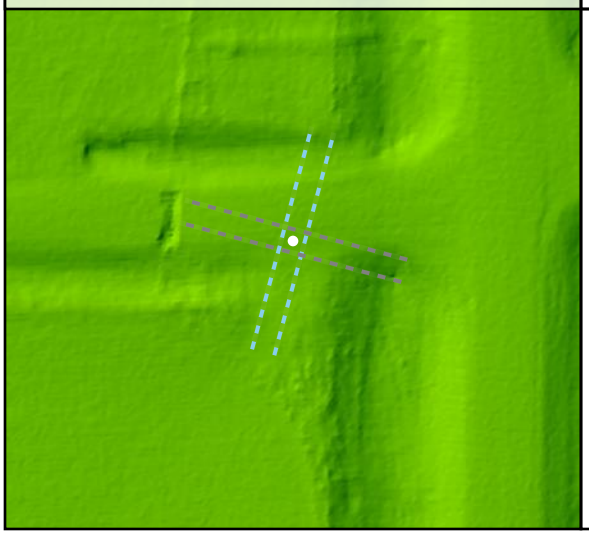
Southwest to Northeast



Intensity Raster

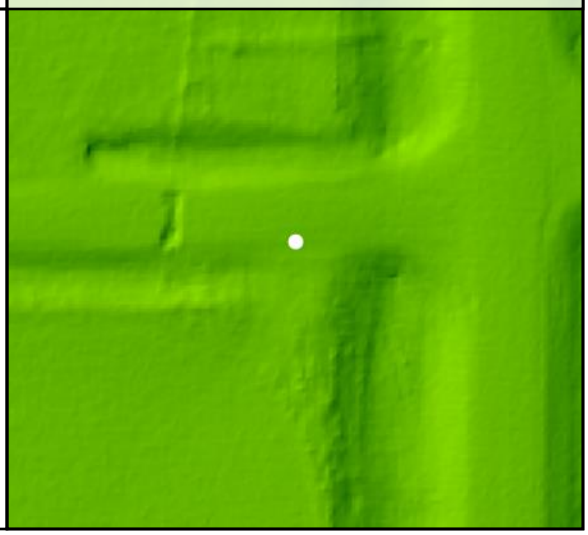


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

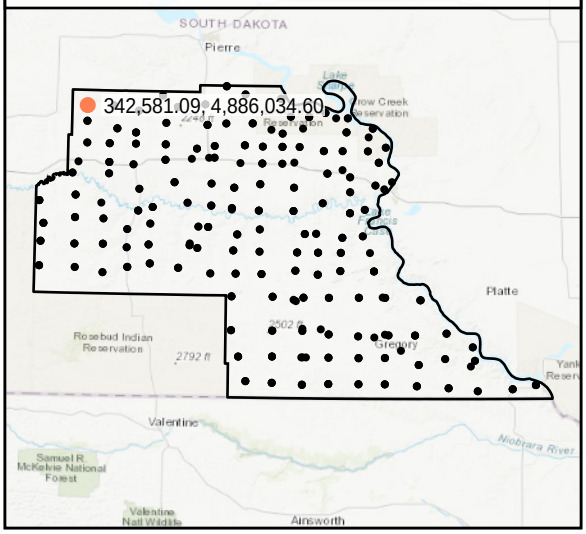
NVA - BE109

Raw TIN Dz +0.04 m

BE110

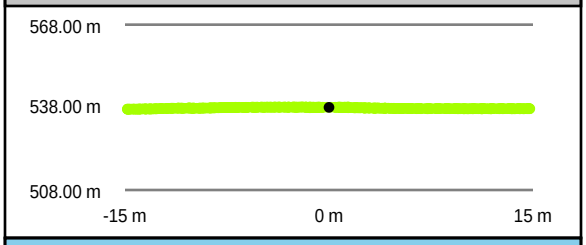
Known Z	537.99 m	Point Density	4.42 ppsm
DEM Dz	0.03 m	Ground Density	4.42 ppsm
Raw TIN Dz	-0.05 m	Slope	4.15 °

Project Context

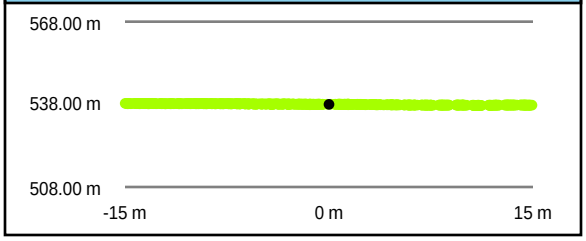


World Imagery

West to East

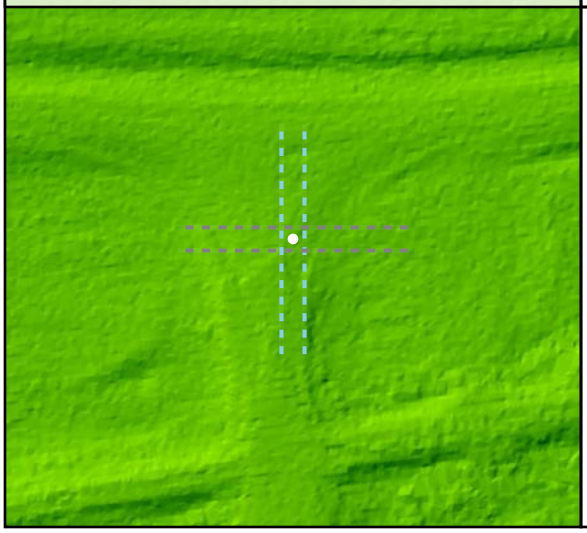


South to North

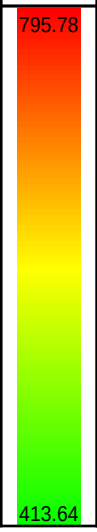


Intensity Raster

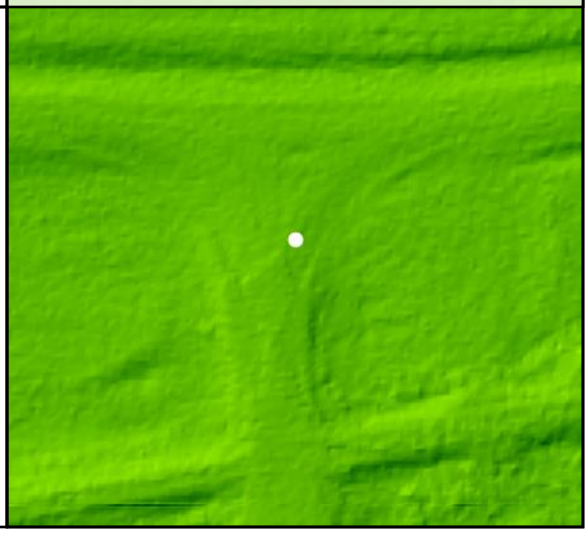
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.03 m

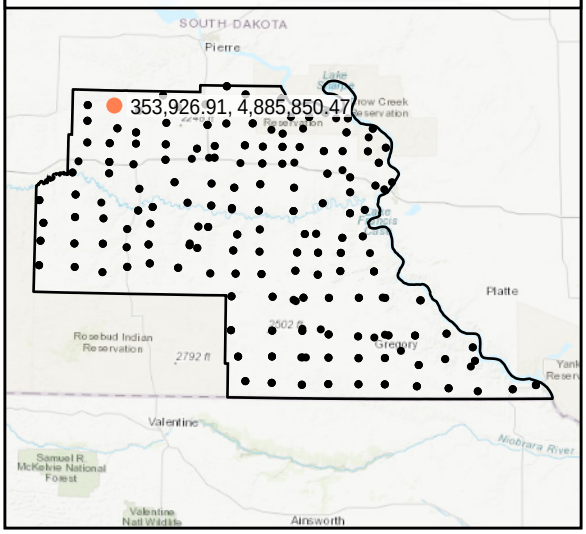
NVA - BE110

Raw TIN Dz -0.05 m

BE111

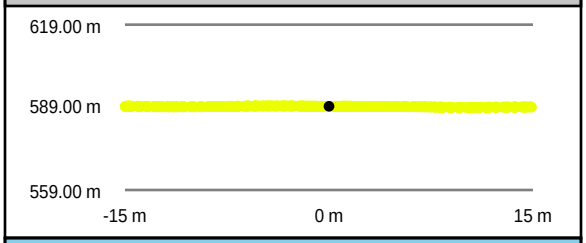
Known Z	589.37 m	Point Density	4.74 ppsm
DEM Dz	0.00 m	Ground Density	4.74 ppsm
Raw TIN Dz	0.00 m	Slope	3.48 °

Project Context

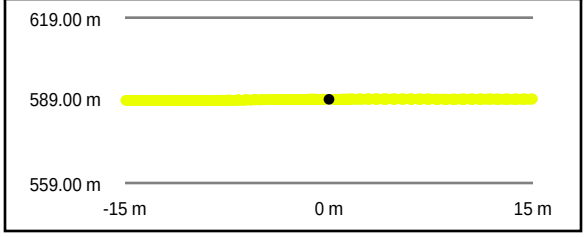


World Imagery

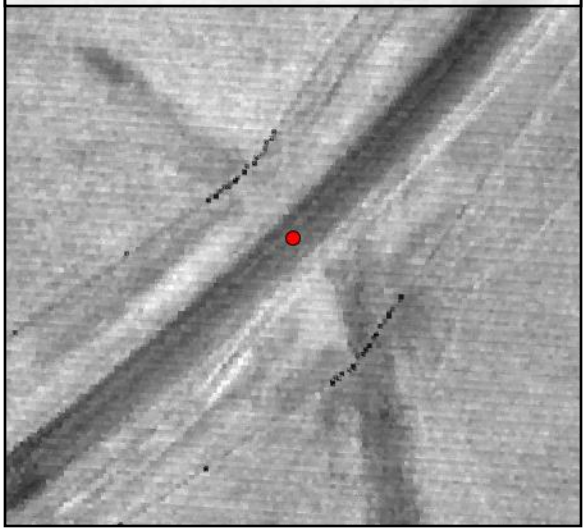
South to North



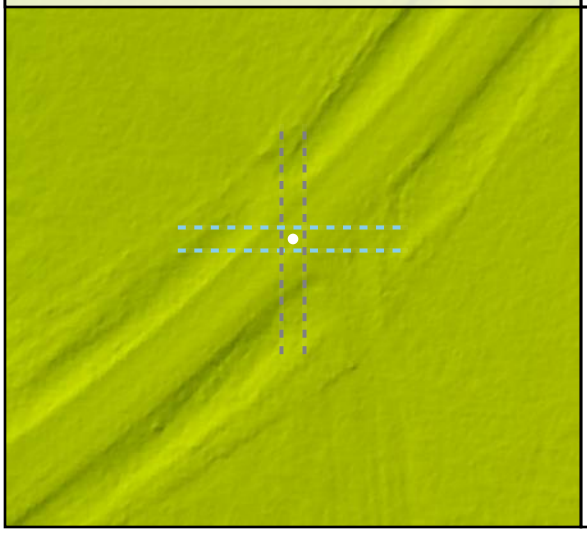
West to East



Intensity Raster

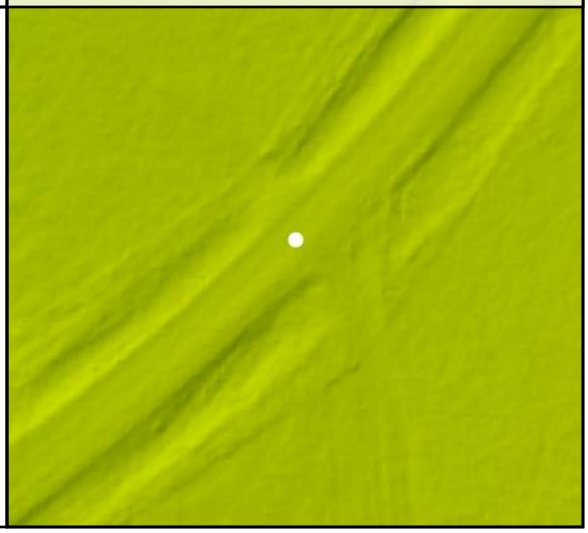


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

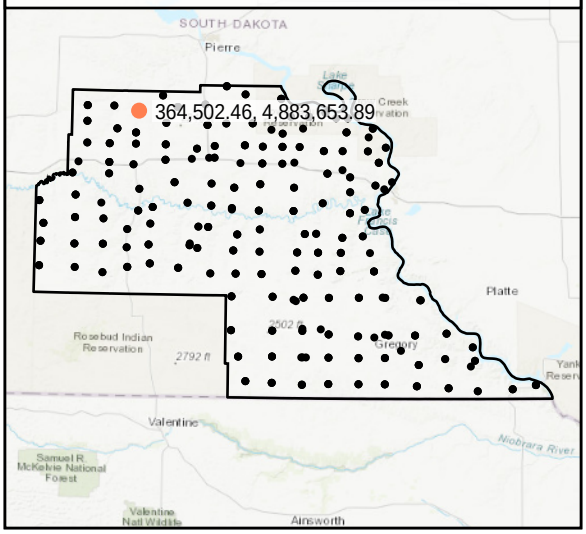
NVA - BE111

Raw TIN Dz +0.00 m

BE112

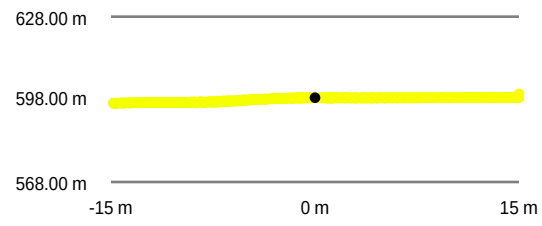
Known Z	598.58 m	Point Density	4.67 ppsm
DEM Dz	-0.03 m	Ground Density	4.67 ppsm
Raw TIN Dz	-0.03 m	Slope	3.11 °

Project Context

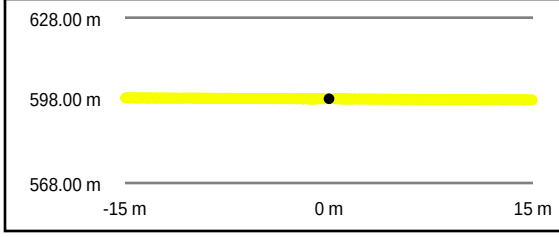


World Imagery

Southwest to Northeast

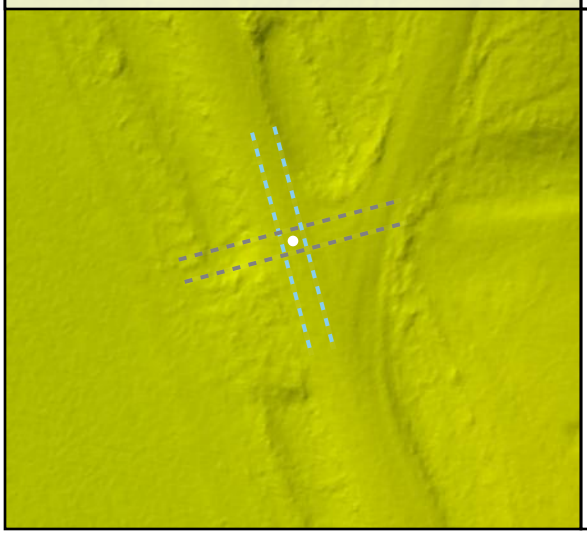


Southeast to Northwest



Intensity Raster

TIN Surface

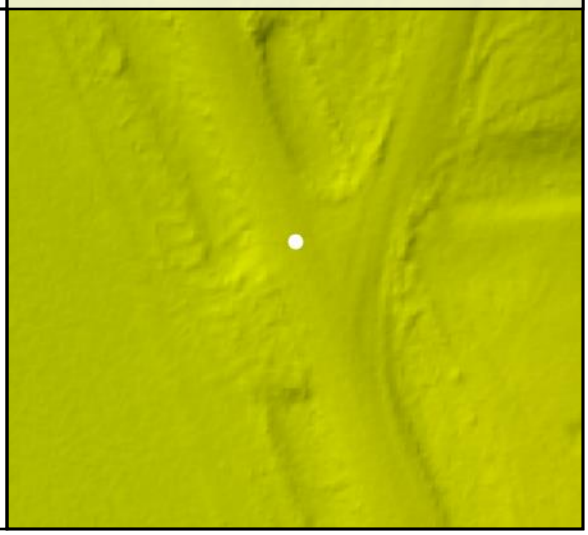


Project Elevation

795.78

413.64

DEM Surface



DEM Dz -0.03 m

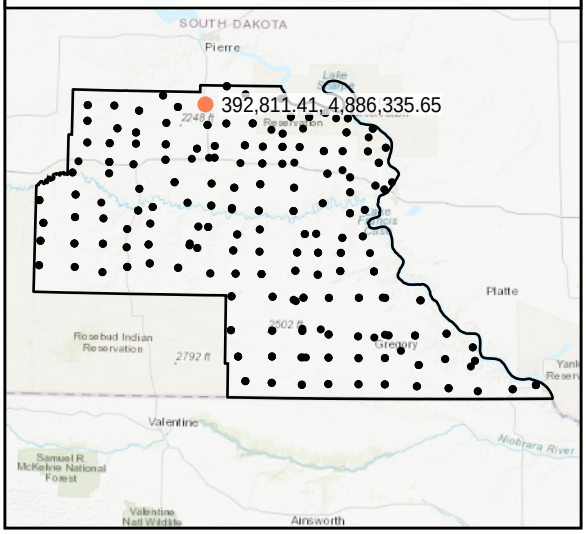
NVA - BE112

Raw TIN Dz -0.03 m

BE118

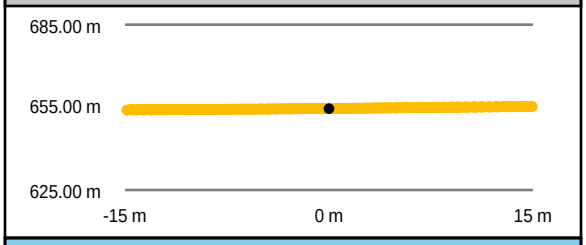
Known Z	654.51 m	Point Density	4.60 ppsm
DEM Dz	0.08 m	Ground Density	4.60 ppsm
Raw TIN Dz	0.08 m	Slope	2.87 °

Project Context

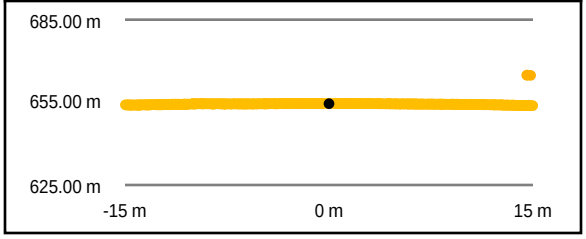


World Imagery

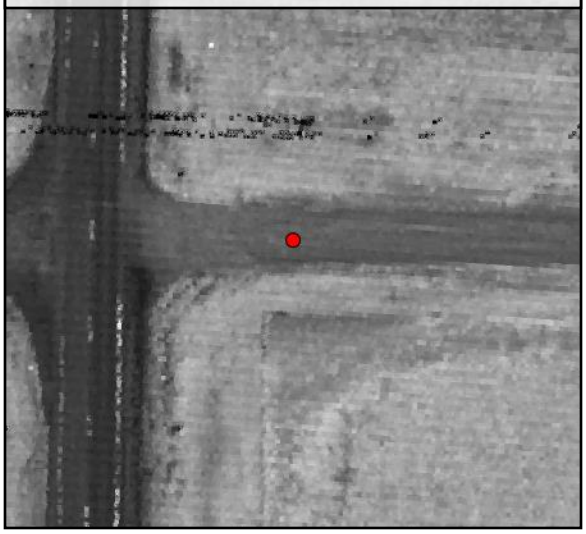
Southwest to Northeast



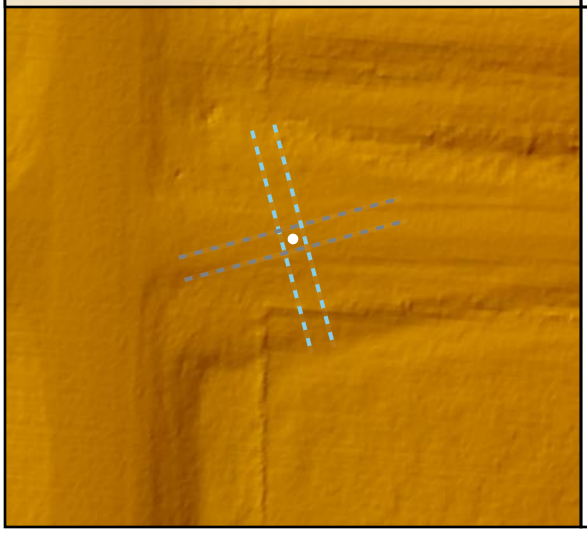
Southeast to Northwest



Intensity Raster

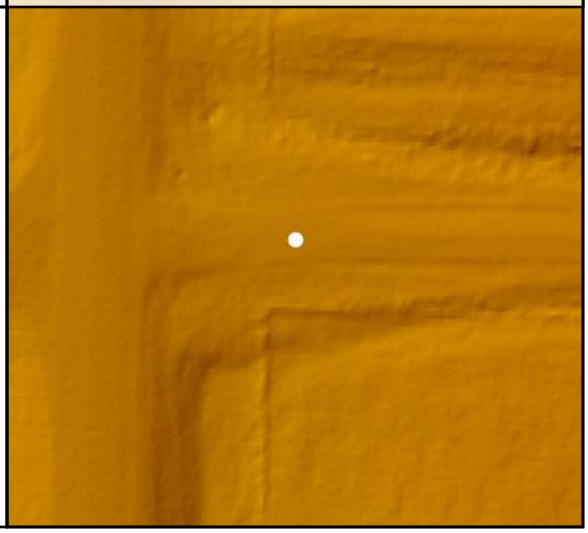


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.08 m

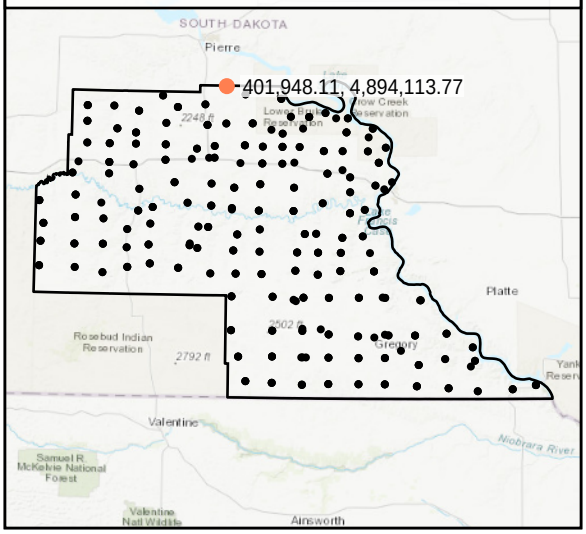
NVA - BE118

Raw TIN Dz +0.08 m

BE119

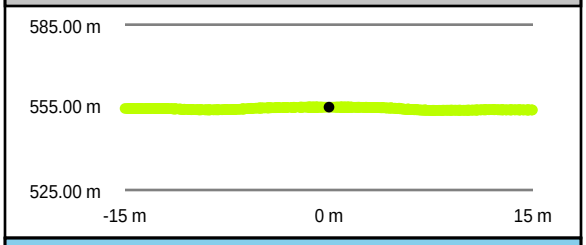
Known Z	555.07 m	Point Density	4.92 ppsm
DEM Dz	-0.01 m	Ground Density	4.92 ppsm
Raw TIN Dz	-0.01 m	Slope	0.98 °

Project Context

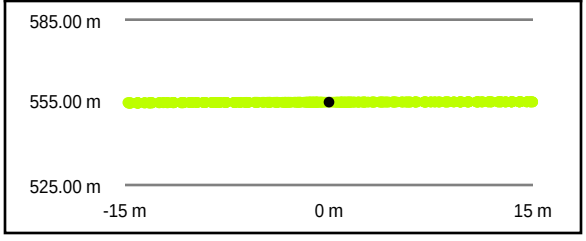


World Imagery

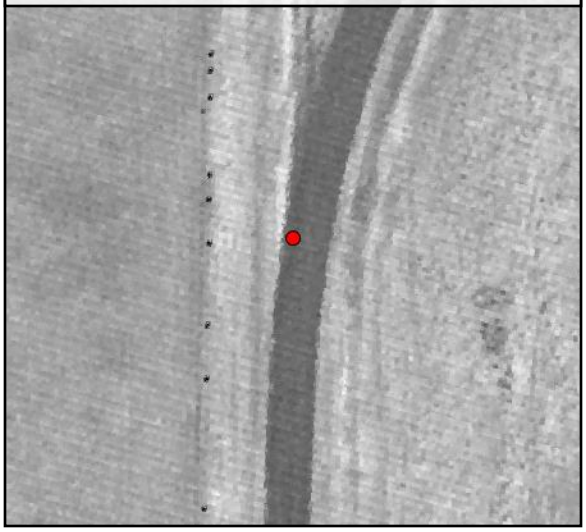
Southeast to Northwest



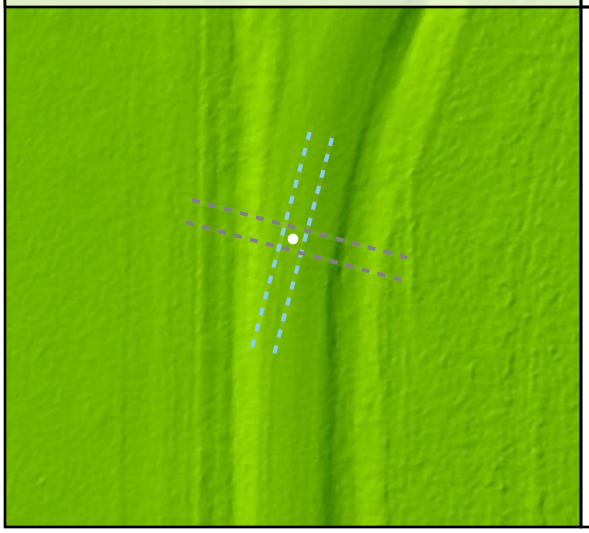
Southwest to Northeast



Intensity Raster

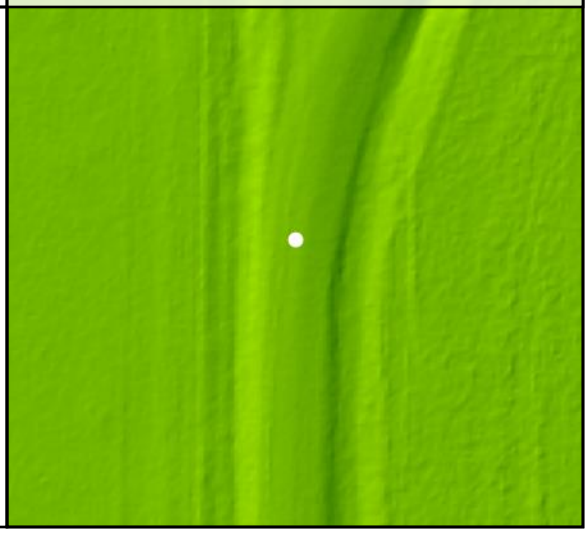


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

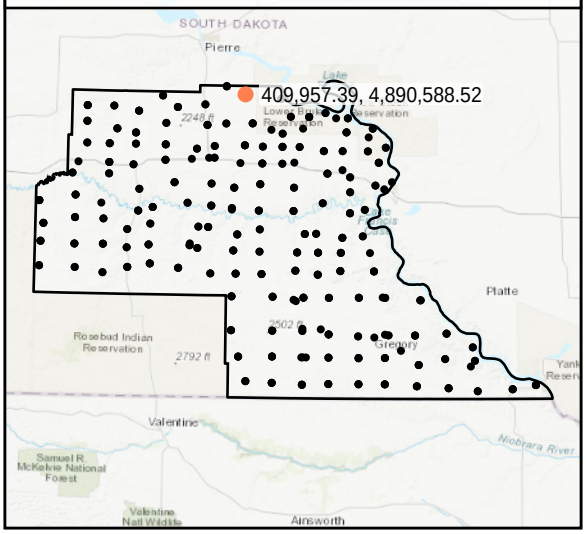
NVA - BE119

Raw TIN Dz -0.01 m

BE120

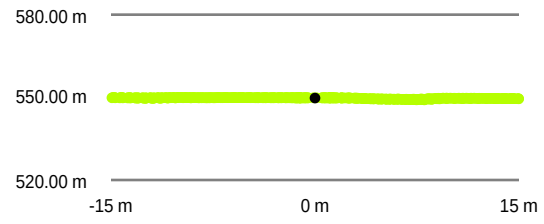
Known Z	549.74 m	Point Density	4.28 ppsm
DEM Dz	0.08 m	Ground Density	4.28 ppsm
Raw TIN Dz	0.09 m	Slope	1.12 °

Project Context

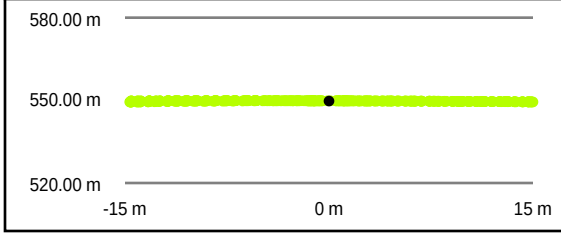


World Imagery

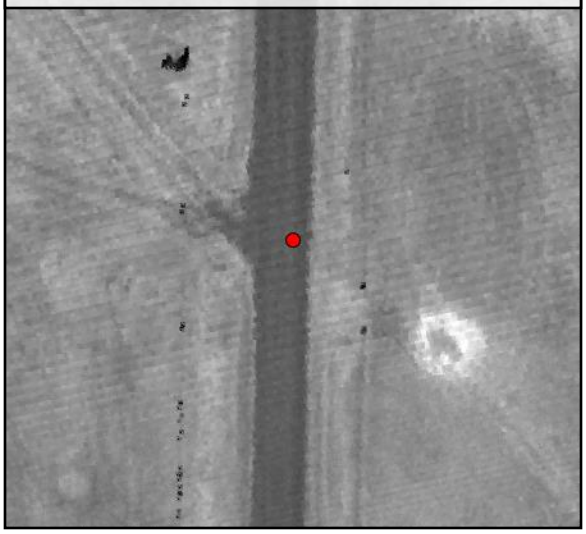
Southwest to Northeast



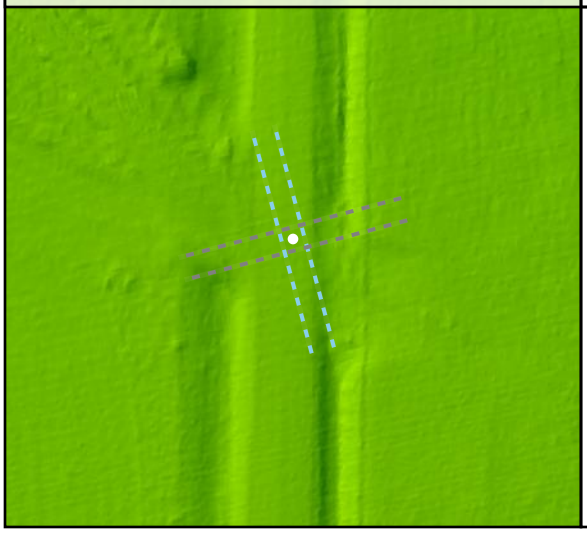
Southeast to Northwest



Intensity Raster

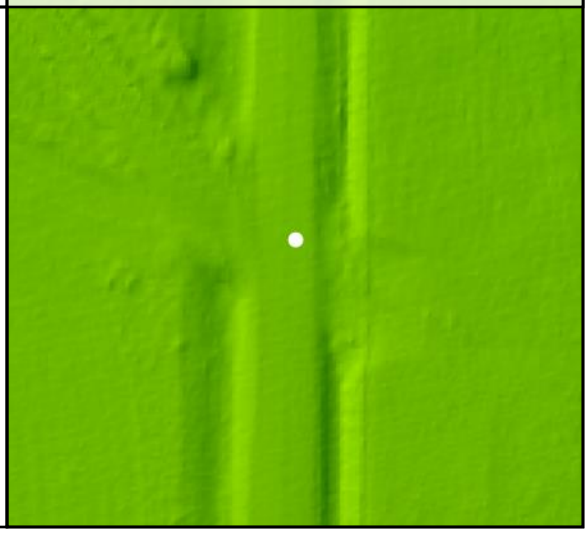


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.08 m

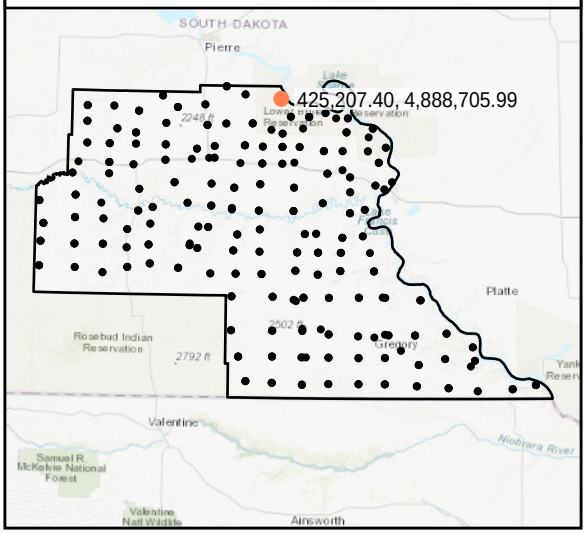
NVA - BE120

Raw TIN Dz +0.09 m

BE121

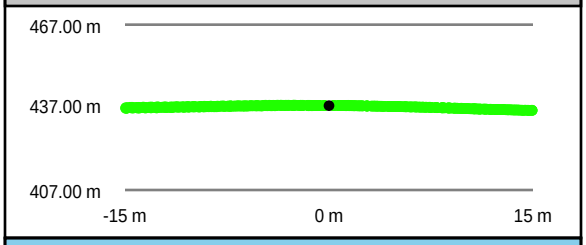
Known Z	437.61 m	Point Density	4.35 ppsm
DEM Dz	0.05 m	Ground Density	4.35 ppsm
Raw TIN Dz	0.05 m	Slope	3.62 °

Project Context

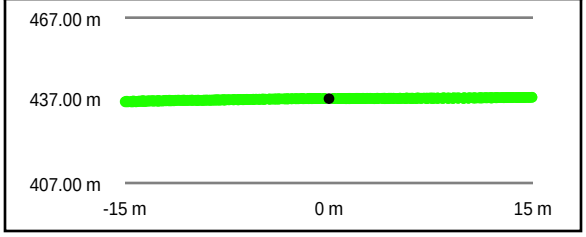


World Imagery

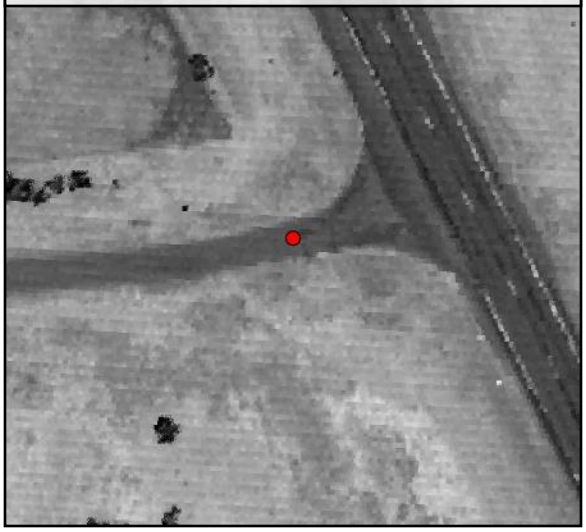
Southeast to Northwest



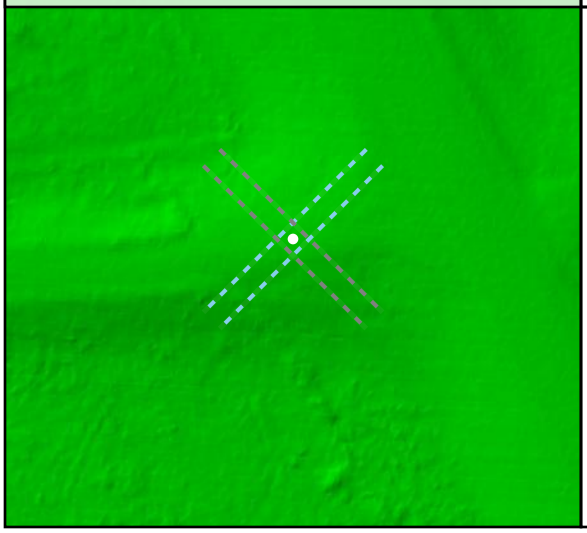
Southwest to Northeast



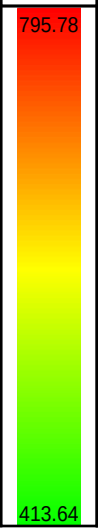
Intensity Raster



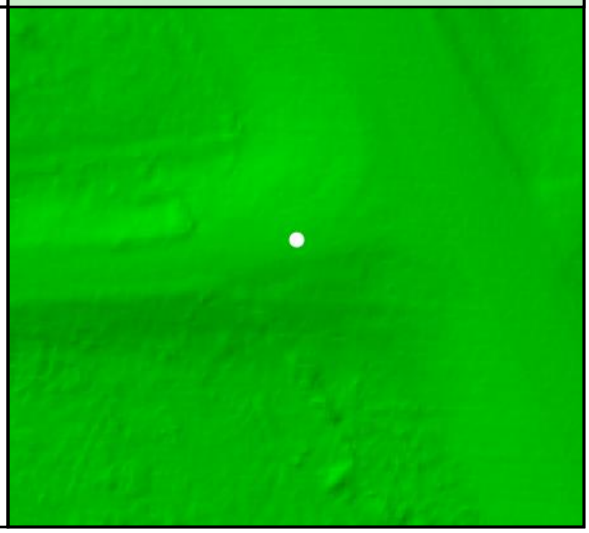
TIN Surface



Project Elevation



DEM Surface



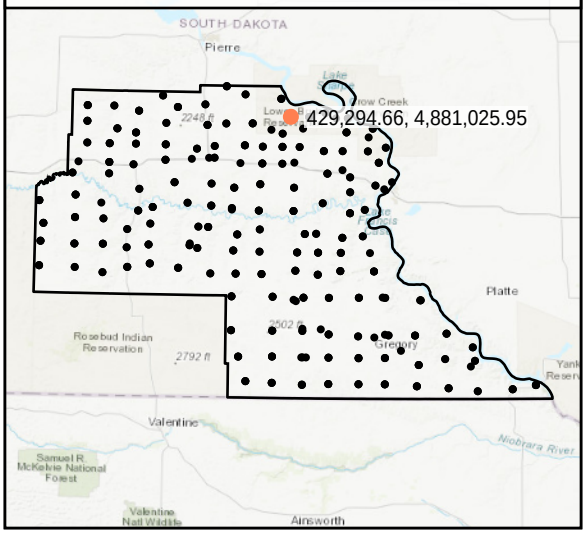
DEM Dz +0.05 m

NVA - BE121

Raw TIN Dz +0.05 m

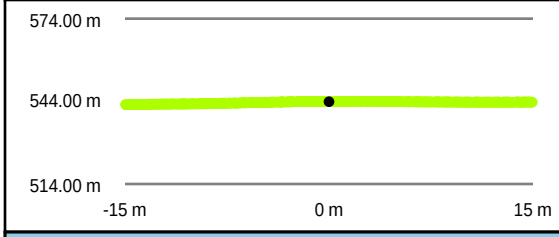
BE122				
	Known Z	543.87 m	Point Density	4.95 ppsm
	DEM Dz	0.11 m	Ground Density	4.95 ppsm
	Raw TIN Dz	0.11 m	Slope	2.36 °

Project Context

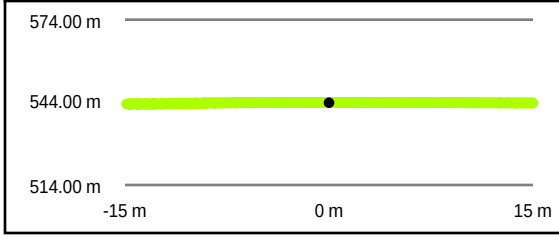


World Imagery

Southwest to Northeast

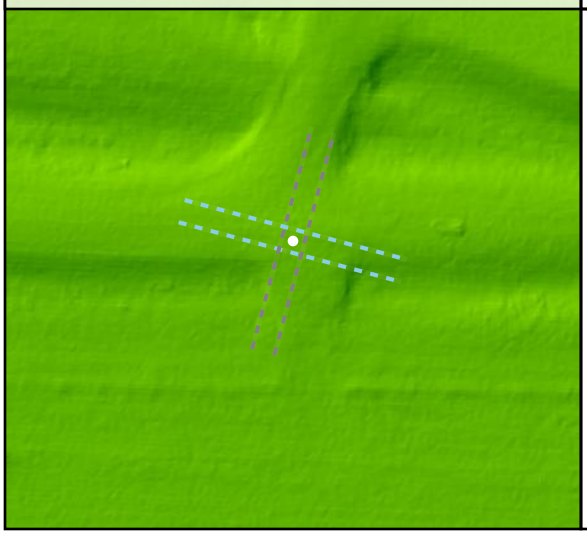


Southeast to Northwest



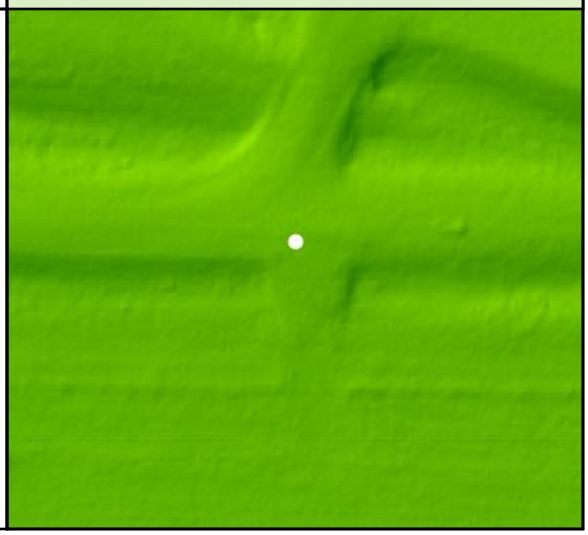
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.11 m

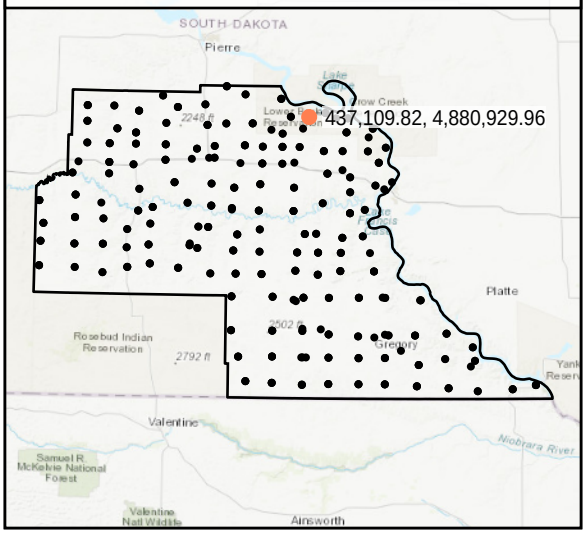
NVA - BE122

Raw TIN Dz +0.11 m

BE123

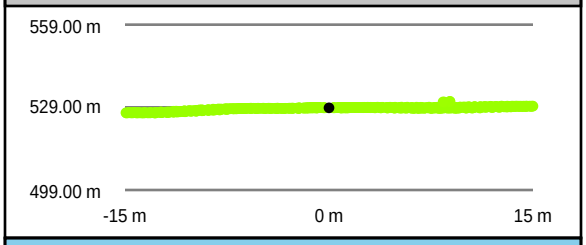
Known Z	528.82 m	Point Density	4.35 ppsm
DEM Dz	0.04 m	Ground Density	4.35 ppsm
Raw TIN Dz	0.04 m	Slope	4.61 °

Project Context

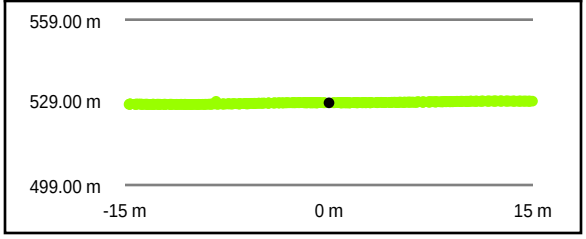


World Imagery

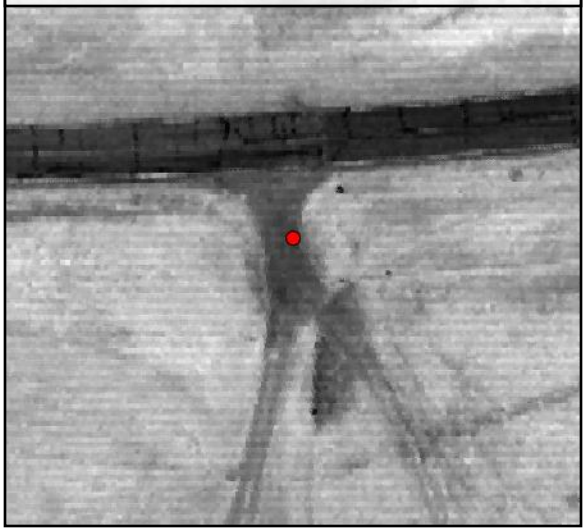
Southwest to Northeast



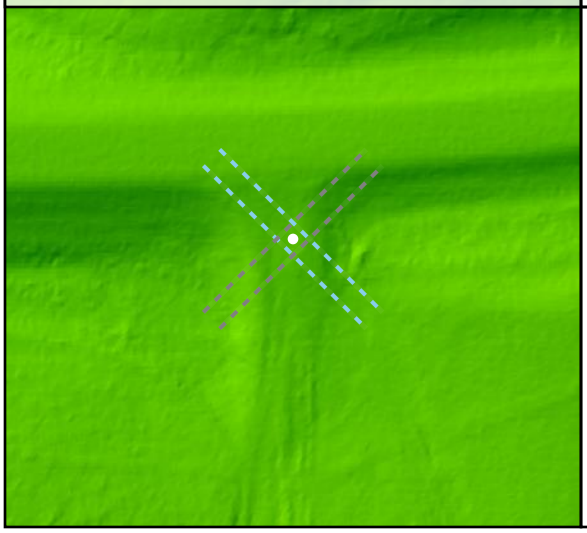
Southeast to Northwest



Intensity Raster

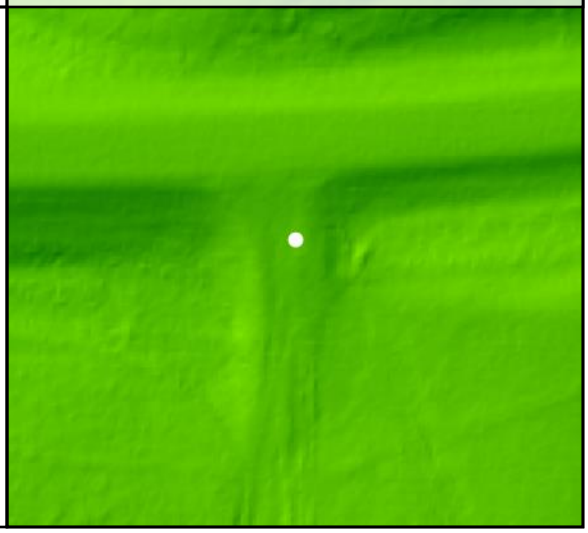


TIN Surface



Project Elevation

DEM Surface



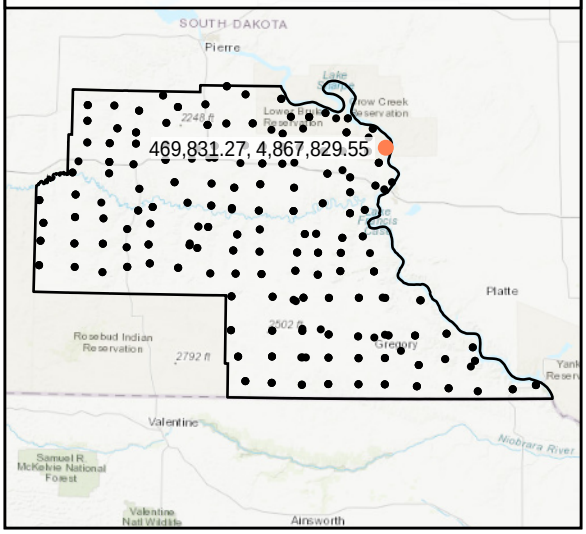
DEM Dz +0.04 m

NVA - BE123

Raw TIN Dz +0.04 m

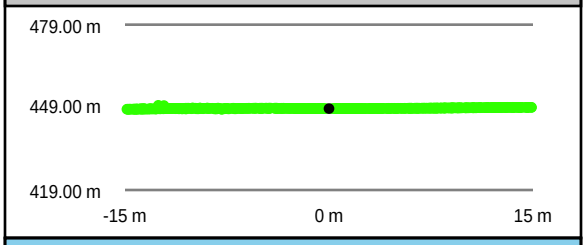
BE124				
	Known Z	448.54 m	Point Density	4.31 ppsm
	DEM Dz	0.01 m	Ground Density	4.31 ppsm
	Raw TIN Dz	0.01 m	Slope	0.39 °

Project Context

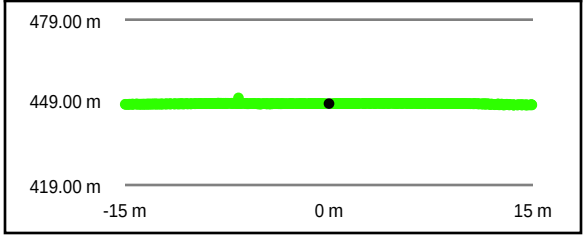


World Imagery

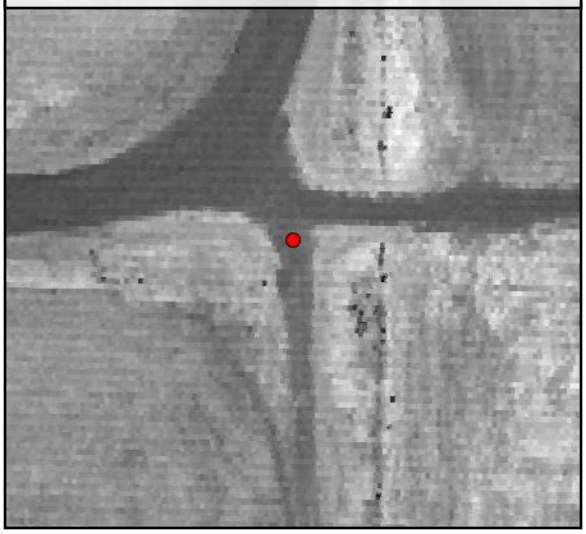
Southeast to Northwest



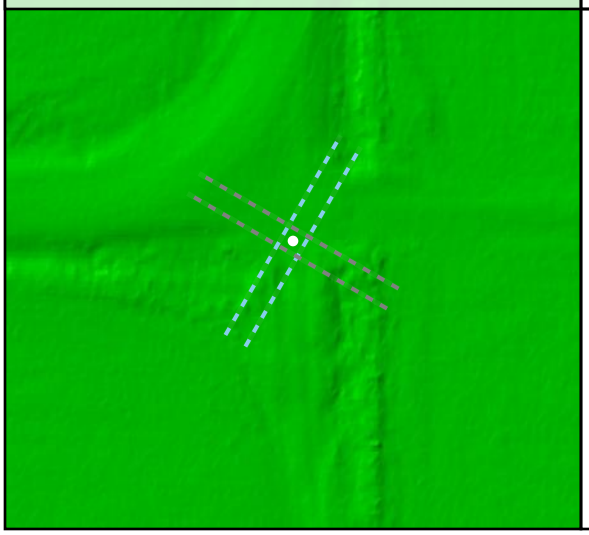
Southwest to Northeast



Intensity Raster

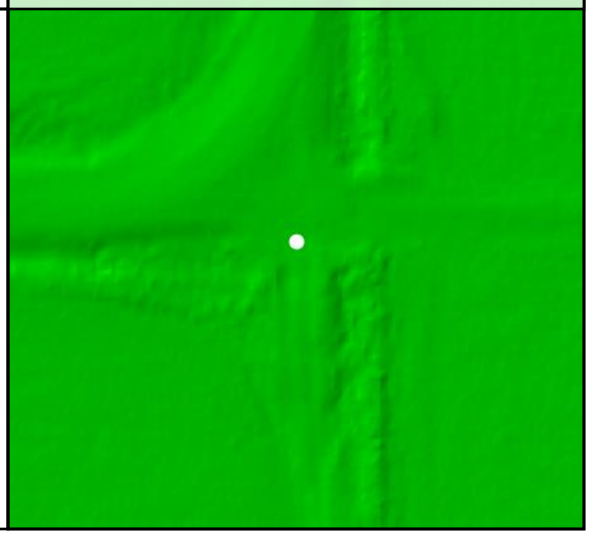


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

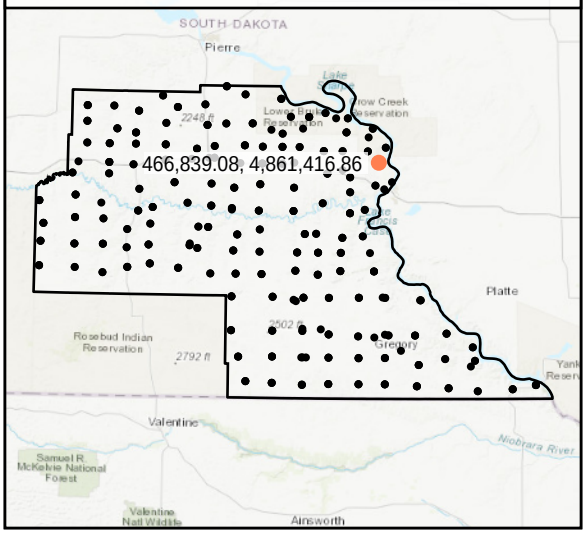
NVA - BE124

Raw TIN Dz +0.01 m

BE125

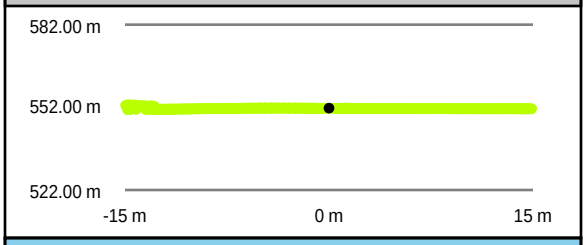
Known Z	551.70 m	Point Density	5.02 ppsm
DEM Dz	-0.05 m	Ground Density	5.02 ppsm
Raw TIN Dz	-0.06 m	Slope	2.52 °

Project Context

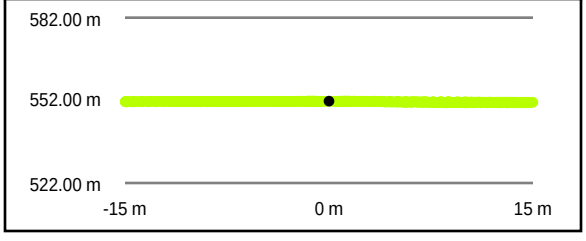


World Imagery

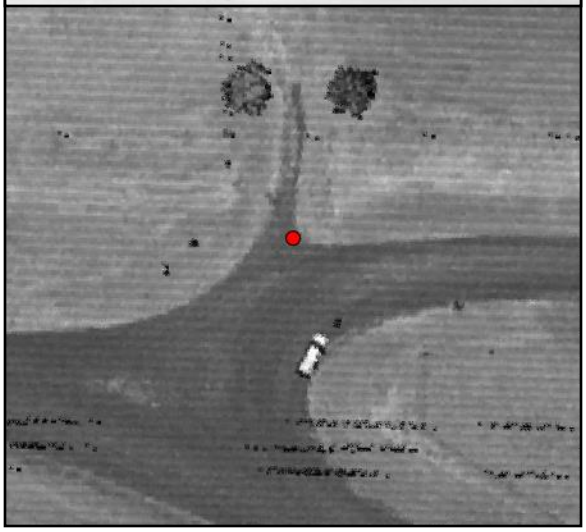
Southeast to Northwest



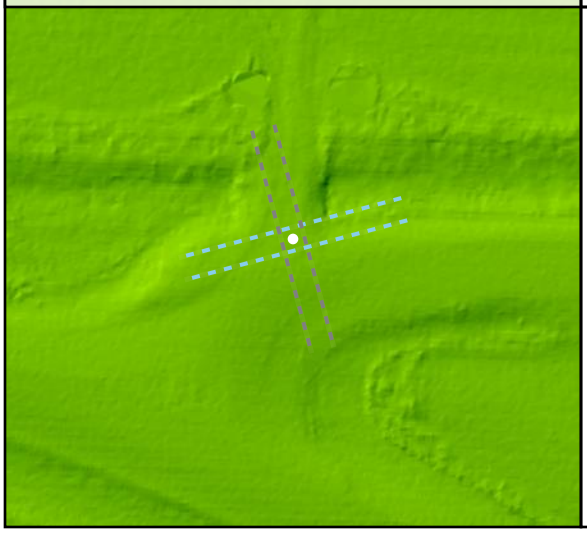
Southwest to Northeast



Intensity Raster

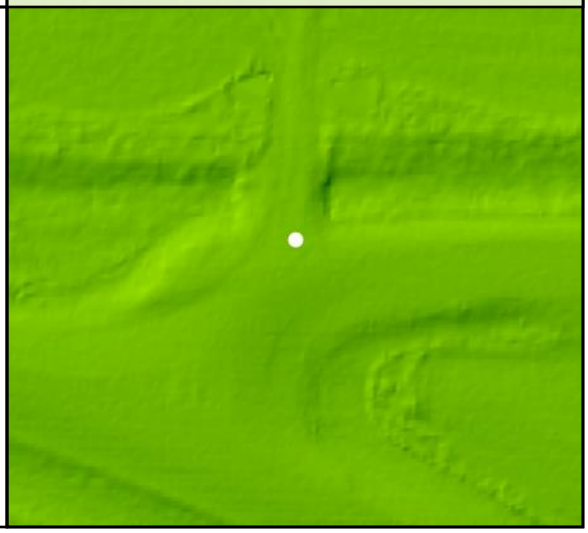


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

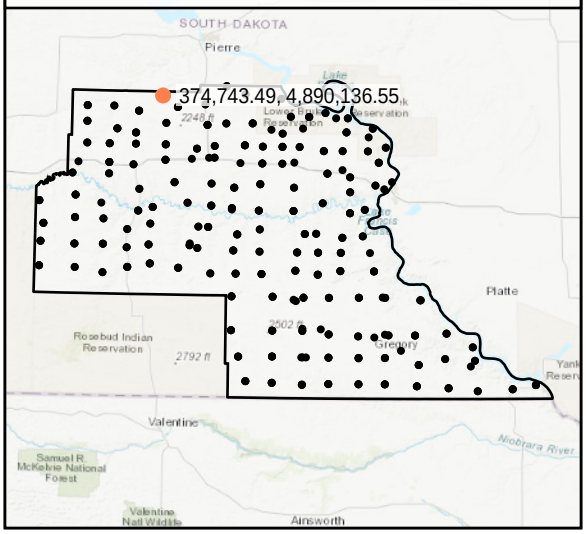
NVA - BE125

Raw TIN Dz -0.06 m

BE126

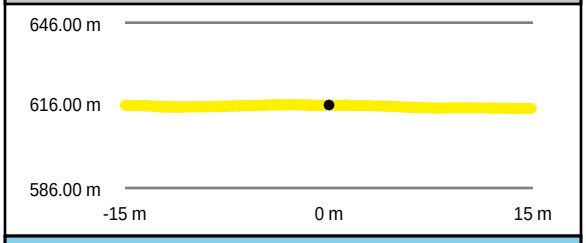
Known Z	616.12 m	Point Density	4.21 ppsm
DEM Dz	-0.08 m	Ground Density	4.21 ppsm
Raw TIN Dz	-0.10 m	Slope	4.38 °

Project Context

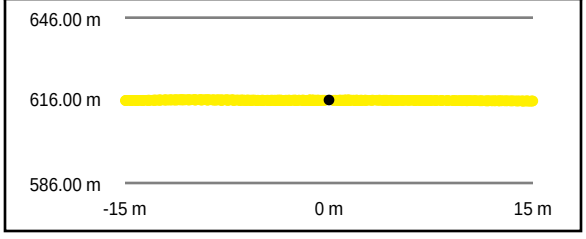


World Imagery

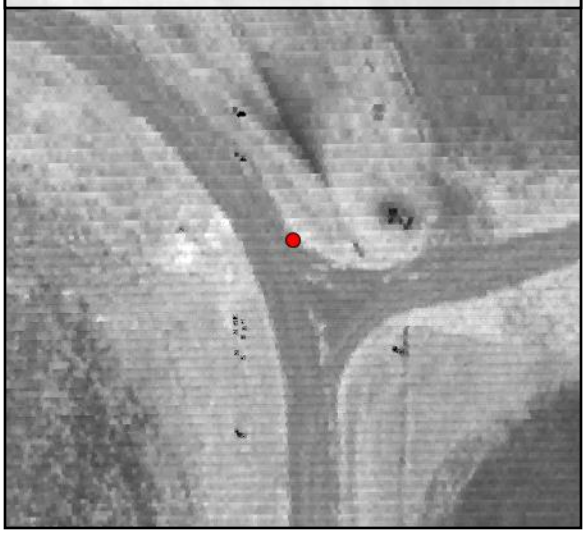
Southwest to Northeast



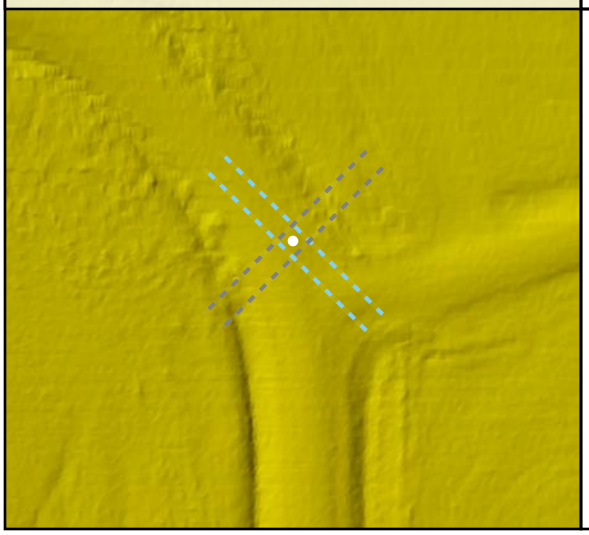
Southeast to Northwest



Intensity Raster

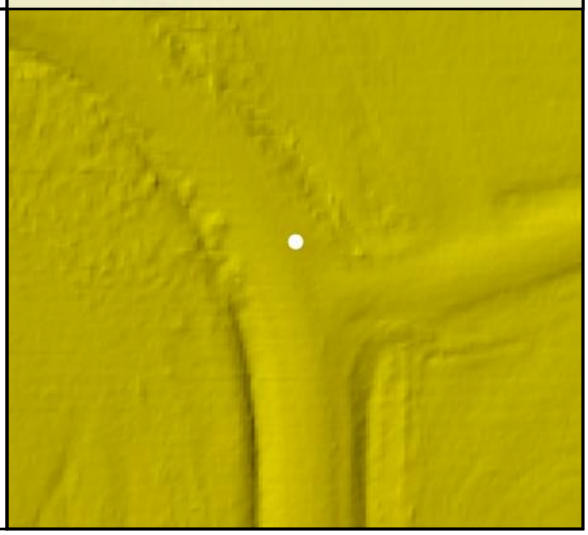


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.08 m

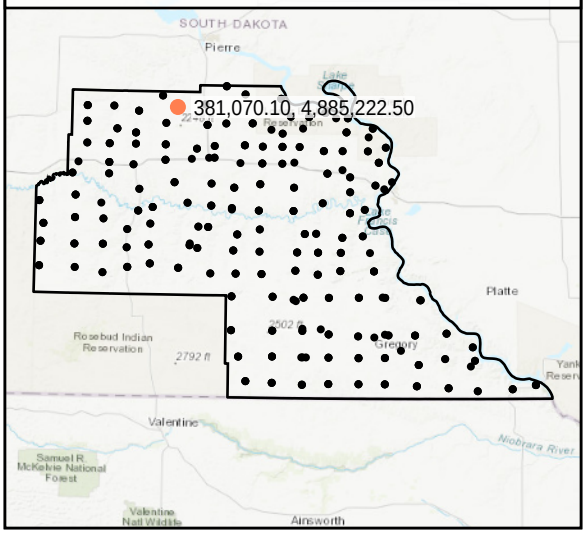
NVA - BE126

Raw TIN Dz -0.10 m

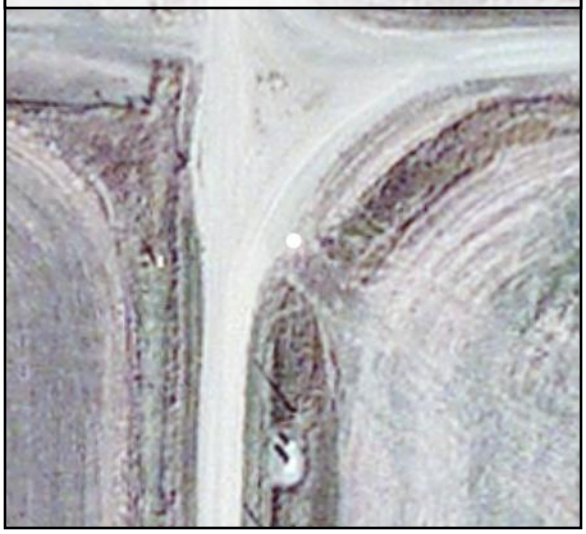
BE127

Known Z	611.39 m	Point Density	3.86 ppsm
DEM Dz	-0.06 m	Ground Density	3.86 ppsm
Raw TIN Dz	-0.06 m	Slope	1.95 °

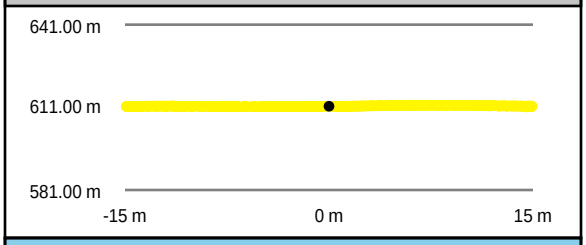
Project Context



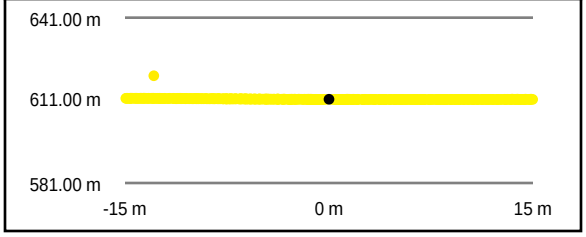
World Imagery



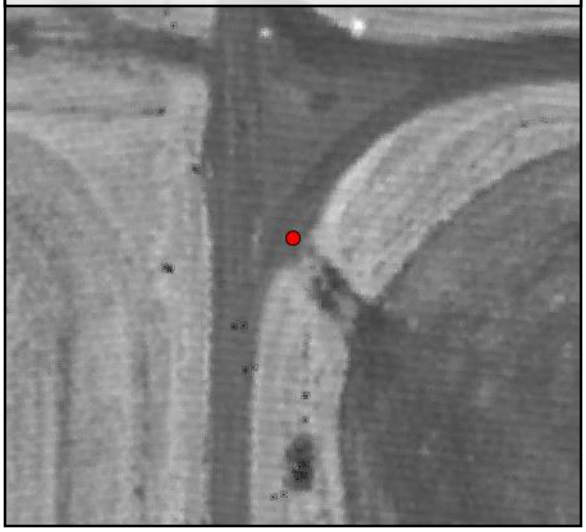
Southeast to Northwest



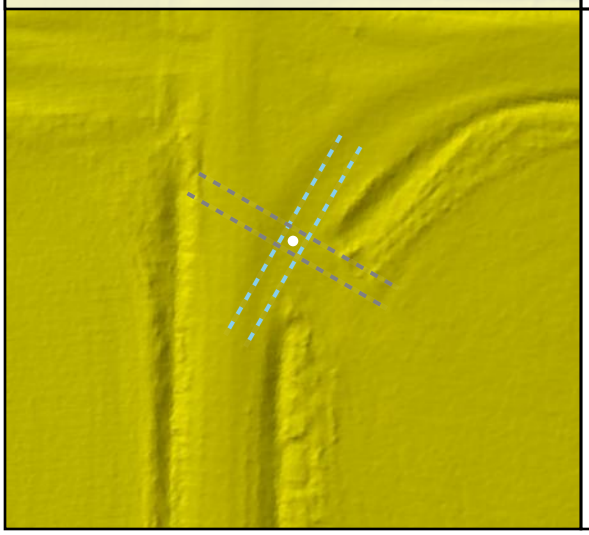
Southwest to Northeast



Intensity Raster

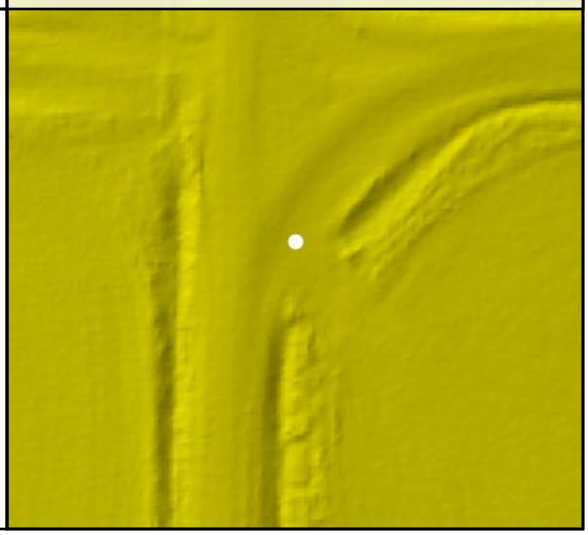


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

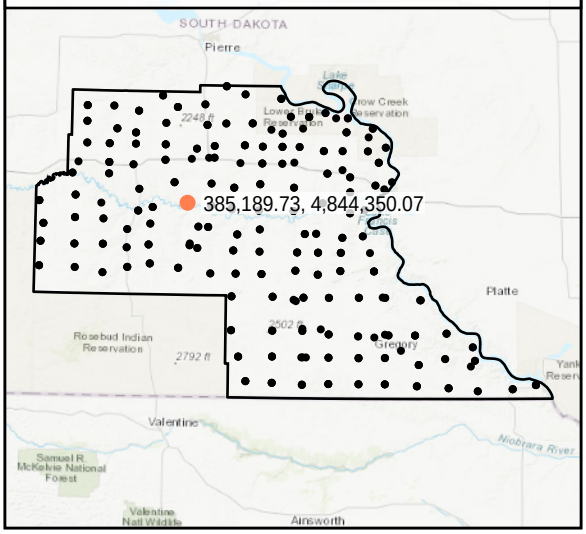
NVA - BE127

Raw TIN Dz -0.06 m

BE128

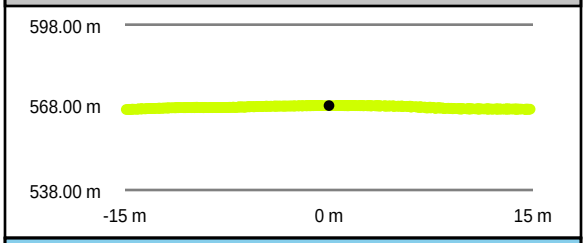
Known Z	568.63 m	Point Density	4.53 ppsm
DEM Dz	0.00 m	Ground Density	4.53 ppsm
Raw TIN Dz	-0.01 m	Slope	1.56 °

Project Context

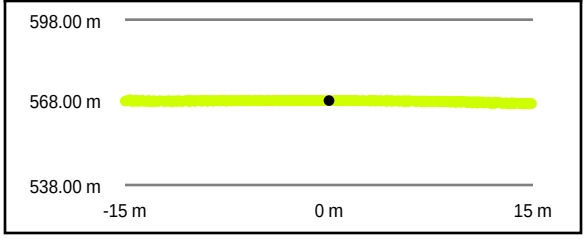


World Imagery

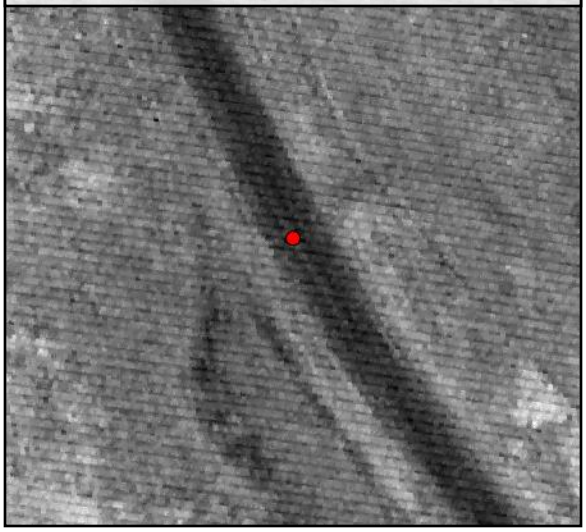
West to East



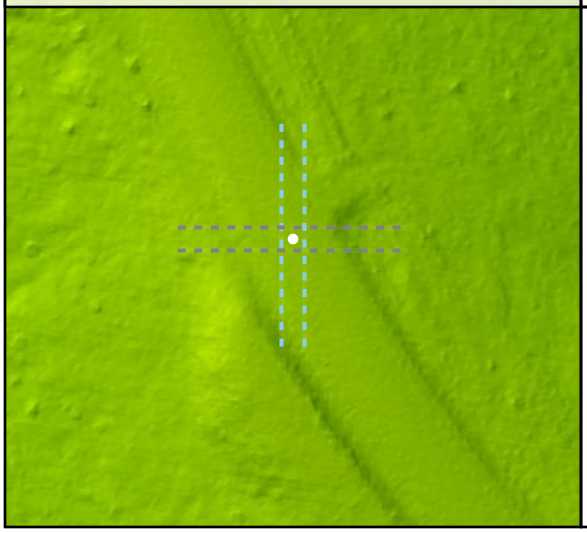
South to North



Intensity Raster

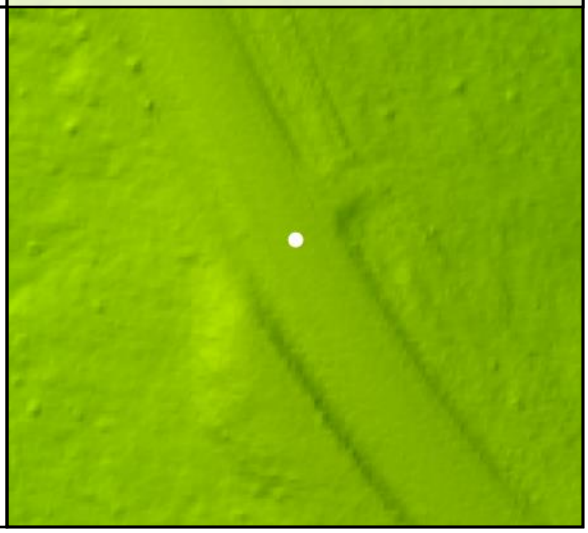


TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

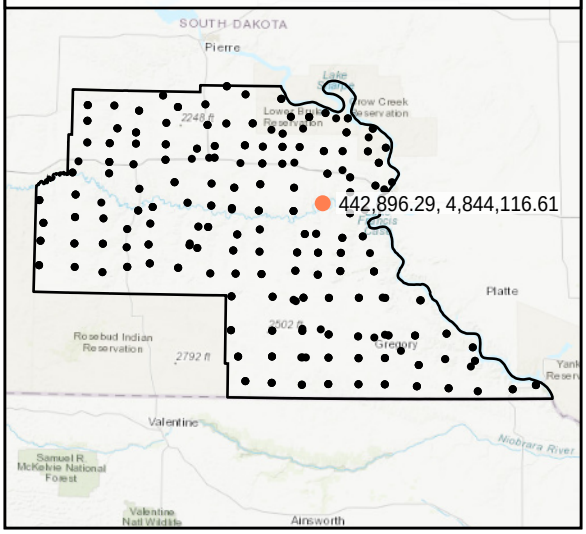
NVA - BE128

Raw TIN Dz -0.01 m

BE129

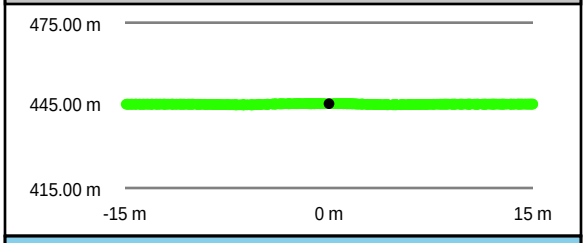
Known Z	445.60 m	Point Density	4.46 ppsm
DEM Dz	0.01 m	Ground Density	4.46 ppsm
Raw TIN Dz	0.01 m	Slope	2.11 °

Project Context

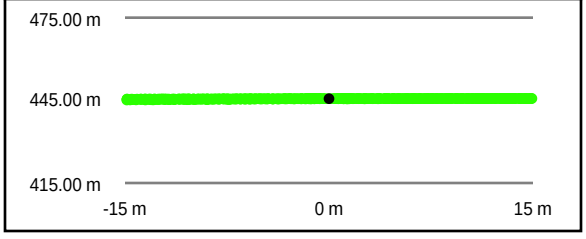


World Imagery

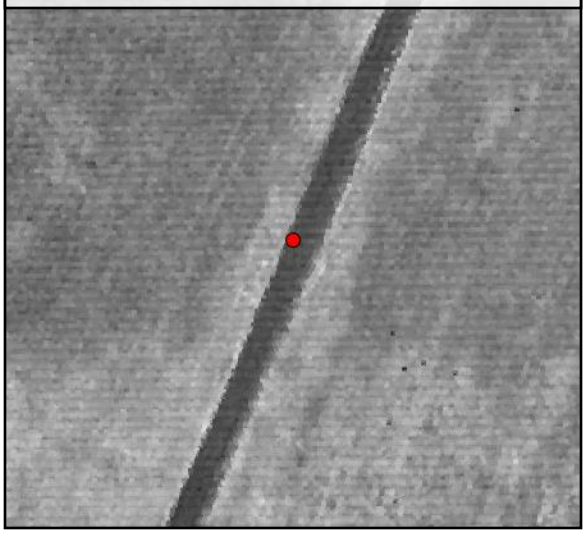
Southeast to Northwest



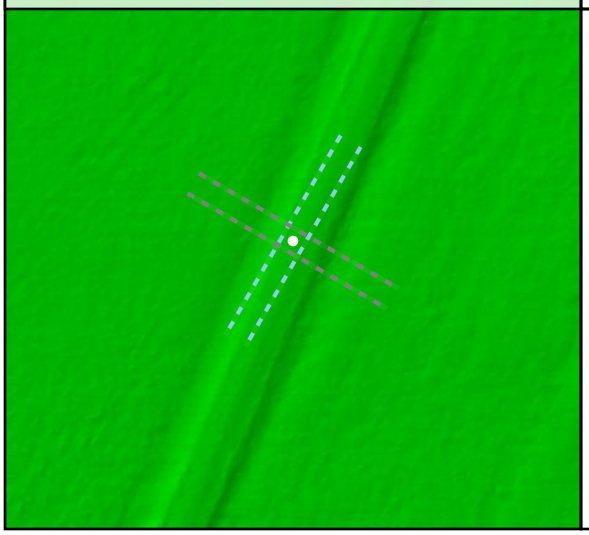
Southwest to Northeast



Intensity Raster

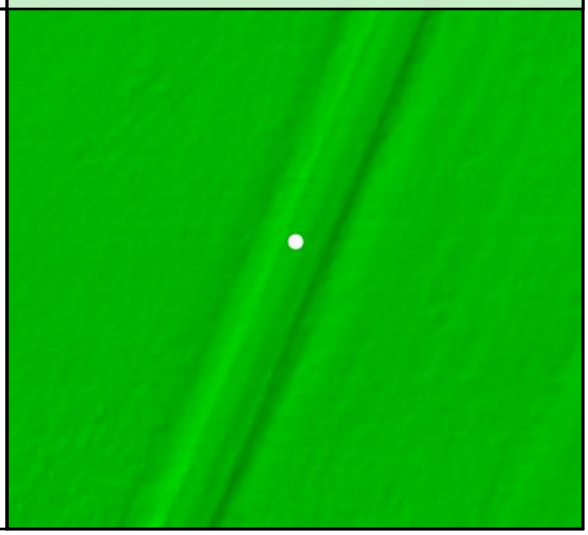


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

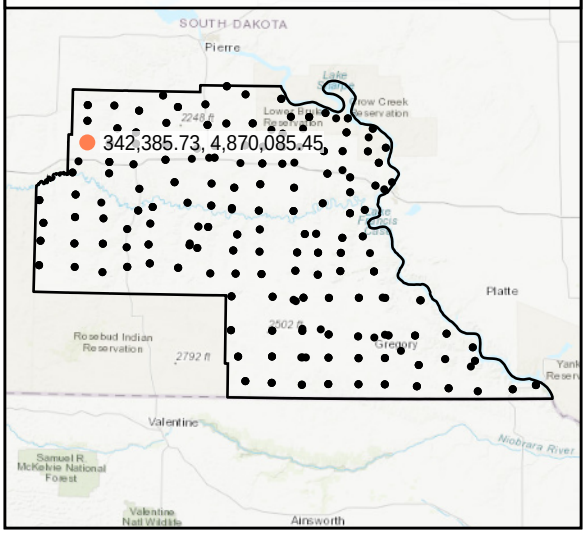
NVA - BE129

Raw TIN Dz +0.01 m

BE130

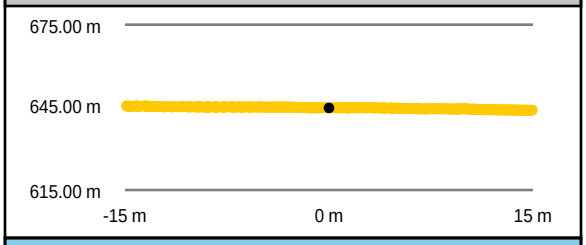
Known Z	644.79 m	Point Density	6.01 ppsm
DEM Dz	0.07 m	Ground Density	6.01 ppsm
Raw TIN Dz	0.07 m	Slope	1.92 °

Project Context

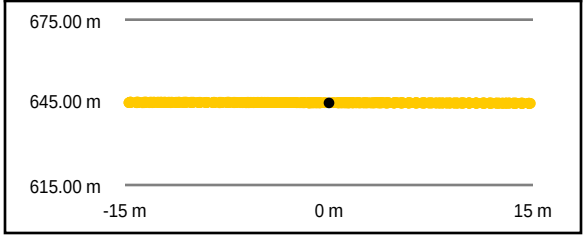


World Imagery

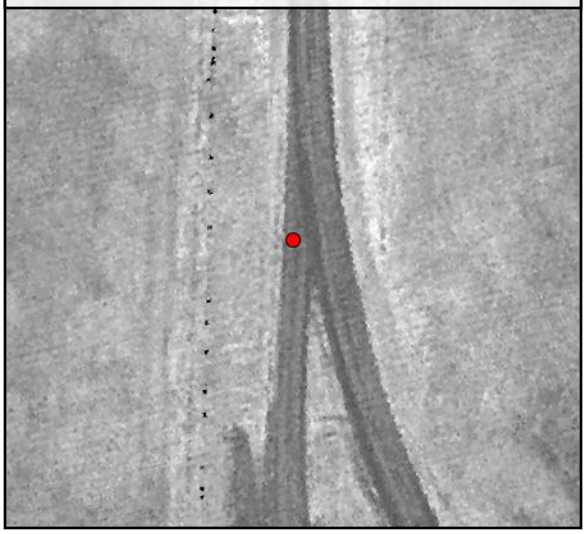
Southwest to Northeast



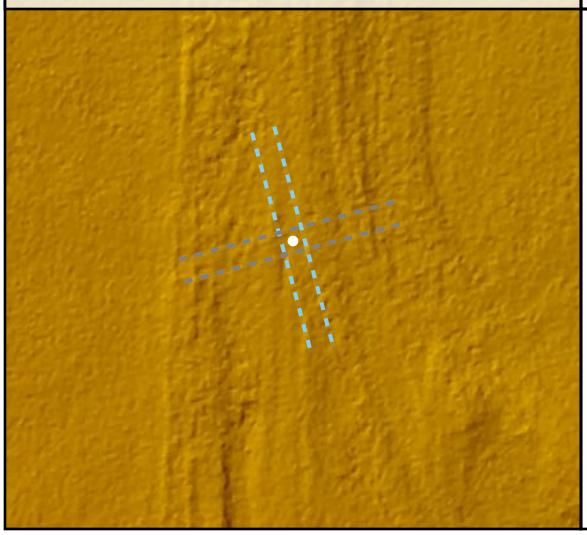
Southeast to Northwest



Intensity Raster

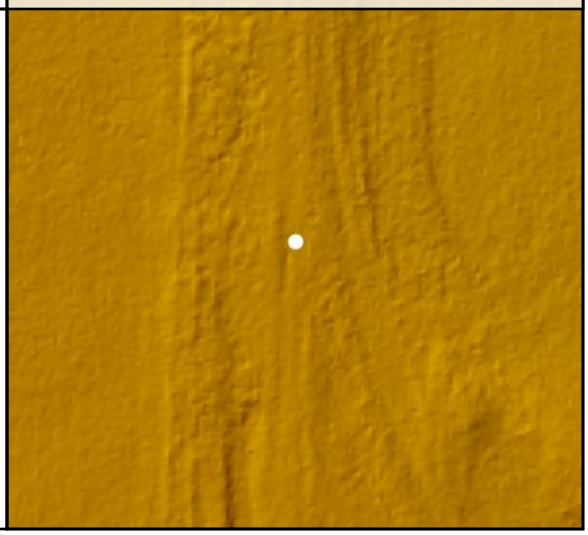


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.07 m

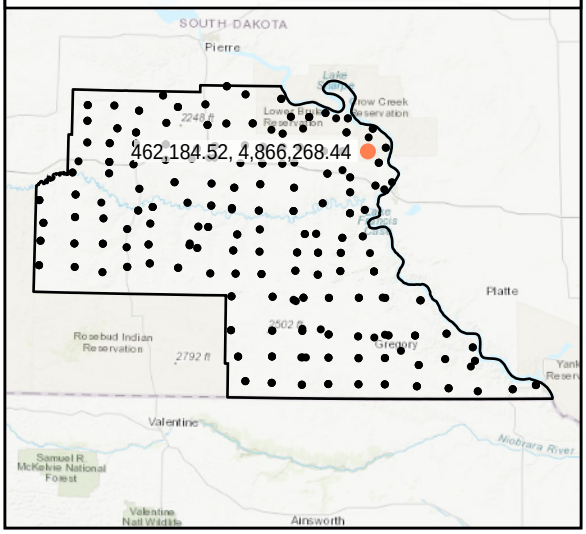
NVA - BE130

Raw TIN Dz +0.07 m

BE131

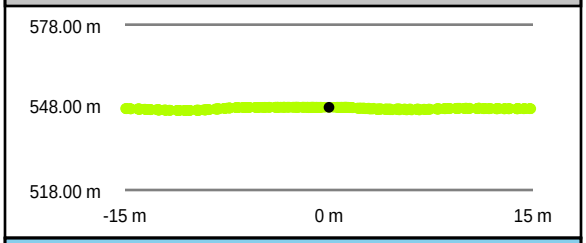
Known Z	548.01 m	Point Density	4.53 ppsm
DEM Dz	0.01 m	Ground Density	4.53 ppsm
Raw TIN Dz	0.01 m	Slope	1.75 °

Project Context

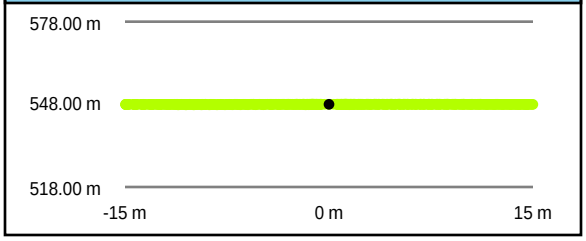


World Imagery

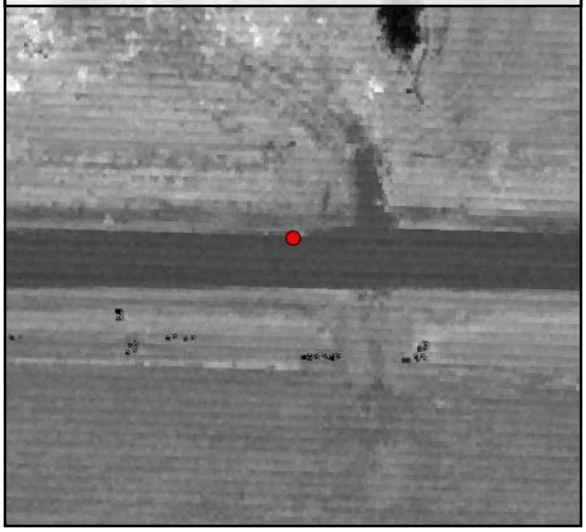
South to North



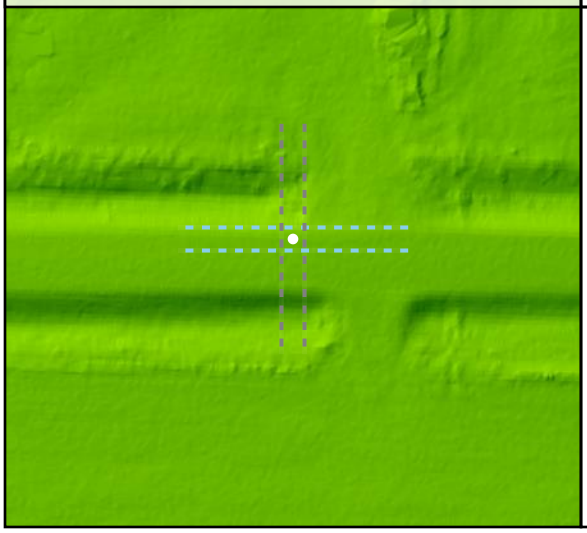
West to East



Intensity Raster

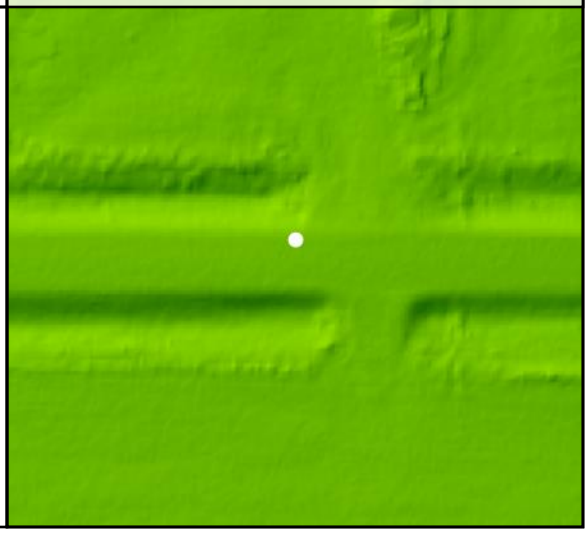


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

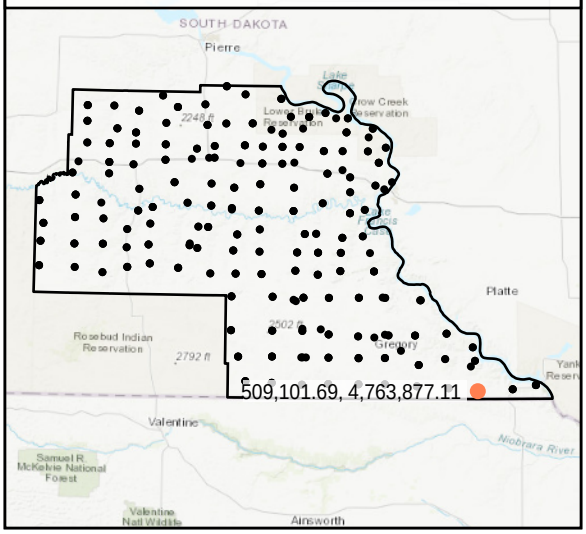
NVA - BE131

Raw TIN Dz +0.01 m

UA001

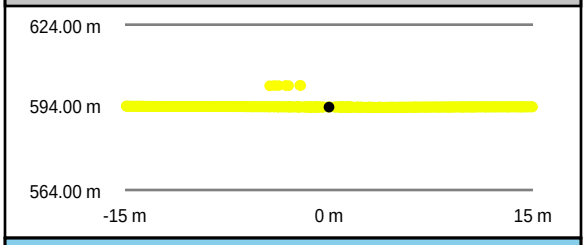
Known Z	594.08 m	Point Density	6.58 ppsm
DEM Dz	0.04 m	Ground Density	6.26 ppsm
Raw TIN Dz	0.05 m	Slope	0.67 °

Project Context

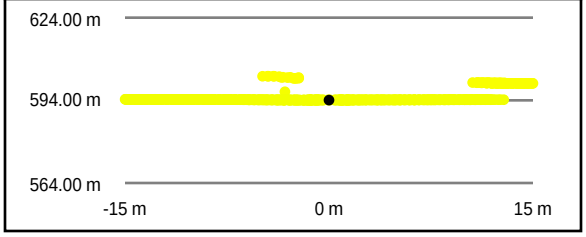


World Imagery

Southeast to Northwest

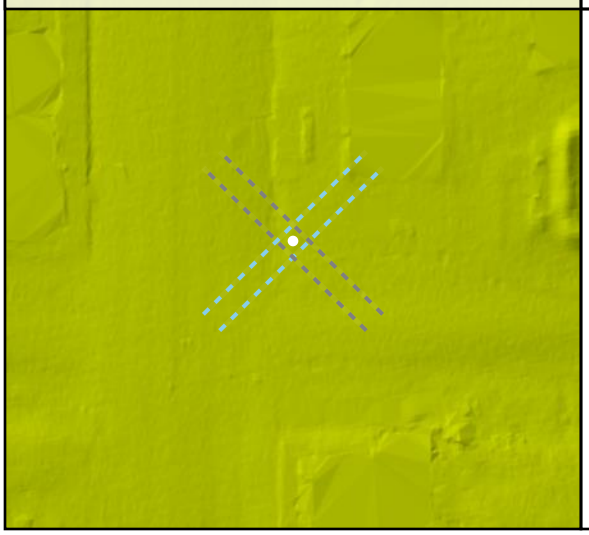


Southwest to Northeast



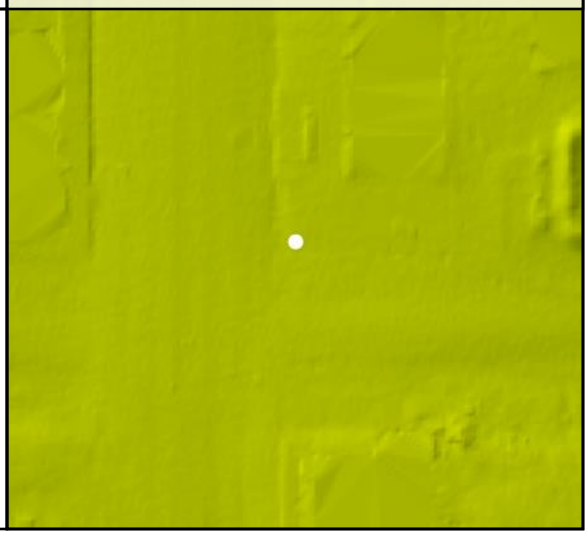
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

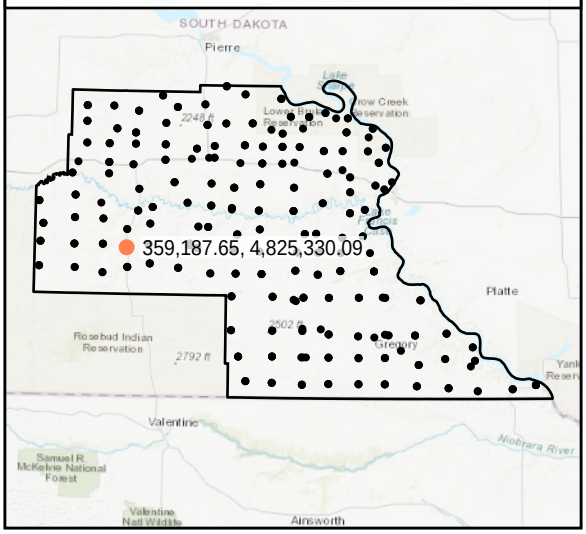
NVA - UA001

Raw TIN Dz +0.05 m

UA002

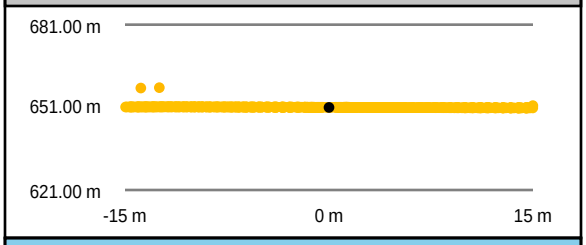
Known Z	650.96 m	Point Density	5.38 ppsm
DEM Dz	0.05 m	Ground Density	5.38 ppsm
Raw TIN Dz	0.04 m	Slope	1.51 °

Project Context

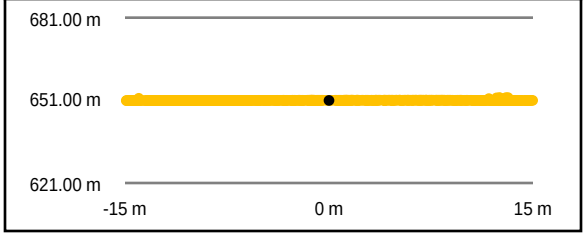


World Imagery

Southwest to Northeast

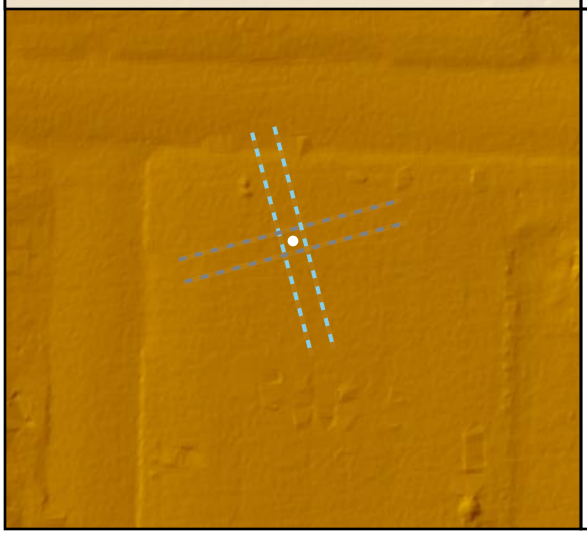


Southeast to Northwest



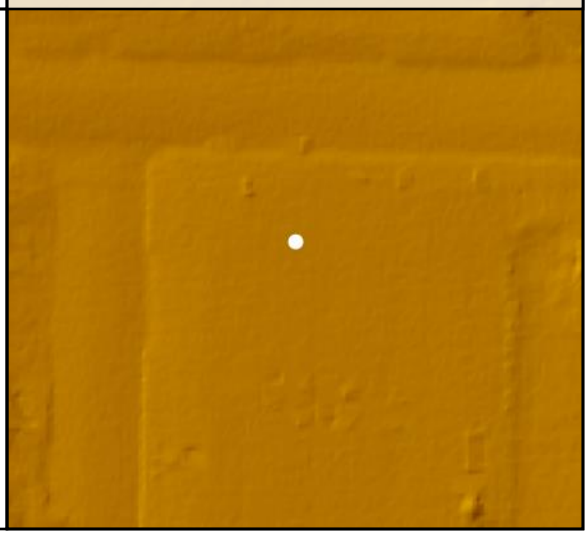
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

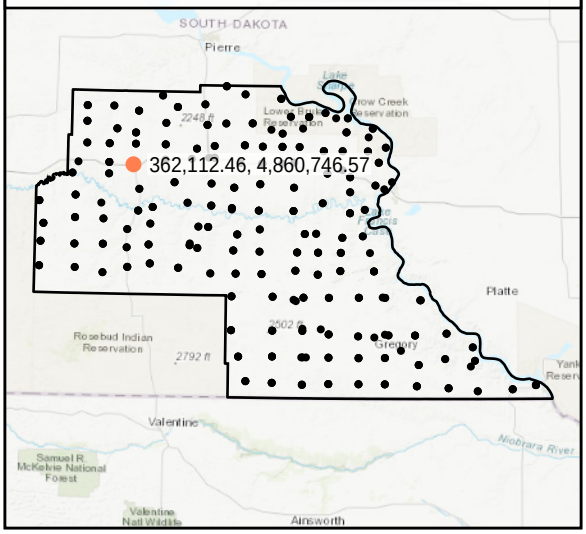
NVA - UA002

Raw TIN Dz +0.04 m

UA003

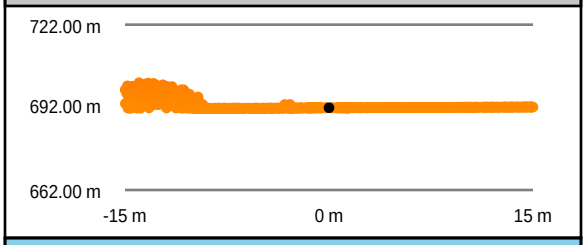
Known Z	691.85 m	Point Density	5.31 ppsm
DEM Dz	-0.03 m	Ground Density	5.27 ppsm
Raw TIN Dz	-0.03 m	Slope	2.05 °

Project Context

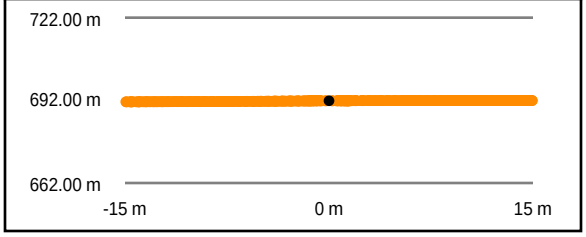


World Imagery

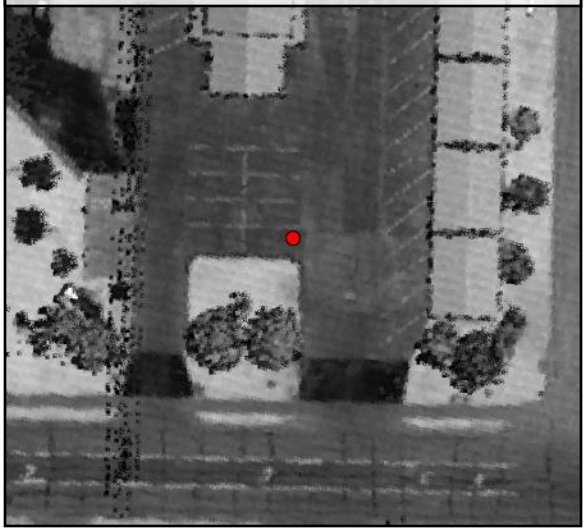
South to North



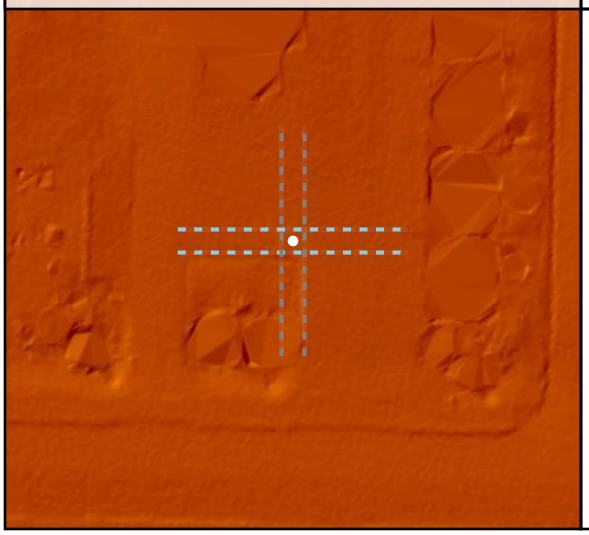
West to East



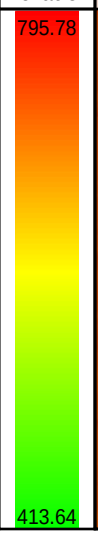
Intensity Raster



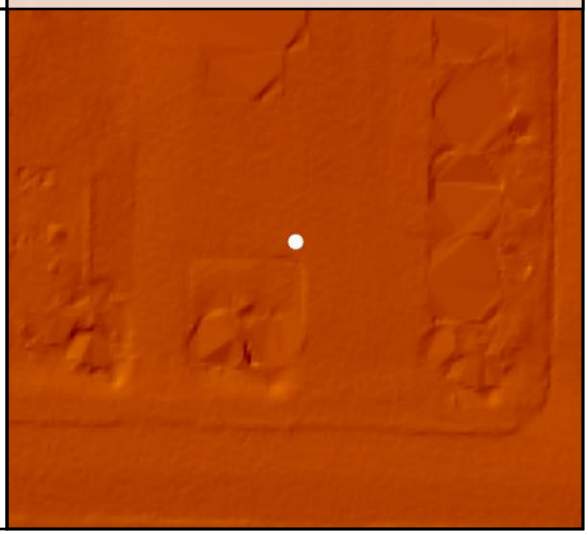
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.03 m

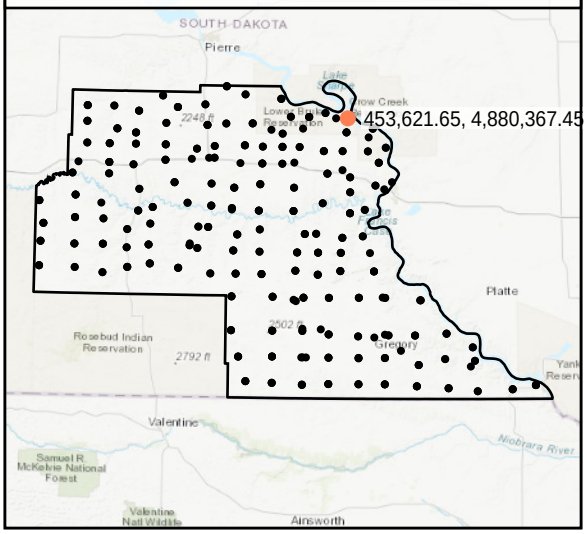
NVA - UA003

Raw TIN Dz -0.03 m

UA004

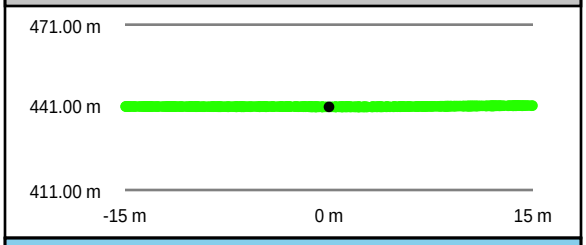
Known Z	441.16 m	Point Density	3.78 ppsm
DEM Dz	0.02 m	Ground Density	3.78 ppsm
Raw TIN Dz	0.04 m	Slope	1.88 °

Project Context

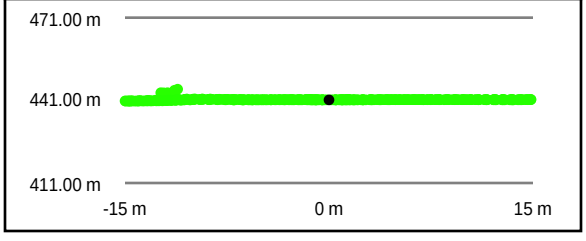


World Imagery

Southwest to Northeast

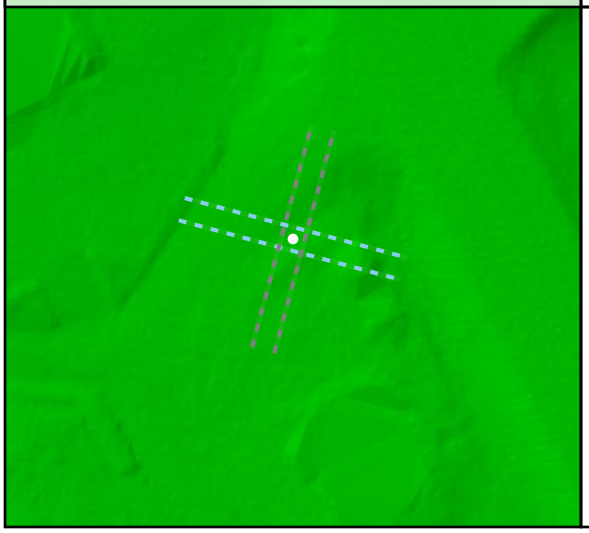


Southeast to Northwest



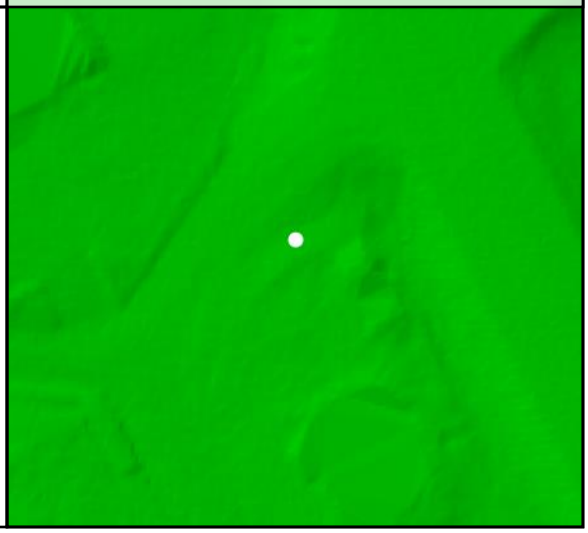
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

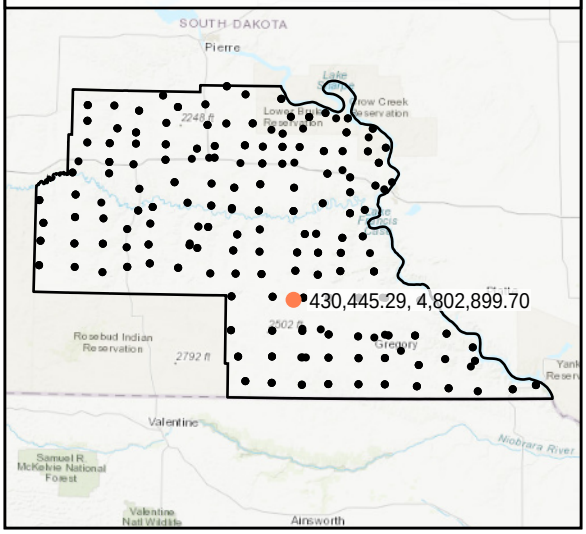
NVA - UA004

Raw TIN Dz +0.04 m

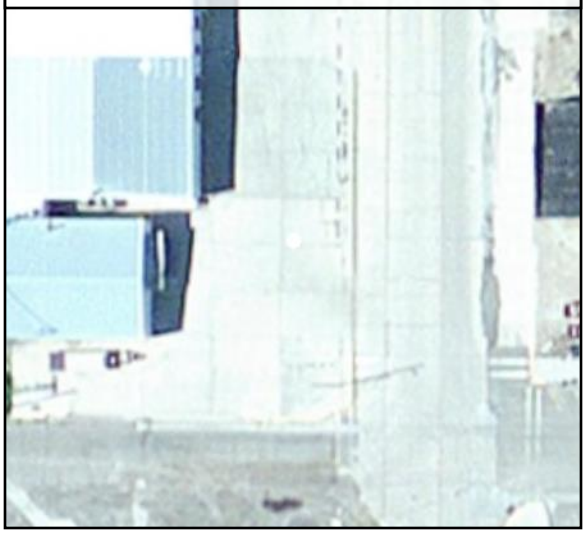
UA006

Known Z	603.39 m	Point Density	5.20 ppsm
DEM Dz	0.02 m	Ground Density	5.20 ppsm
Raw TIN Dz	0.02 m	Slope	1.94 °

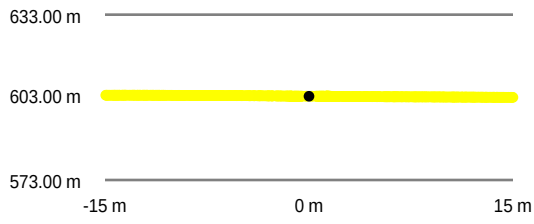
Project Context



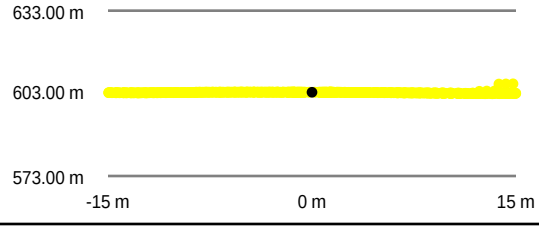
World Imagery



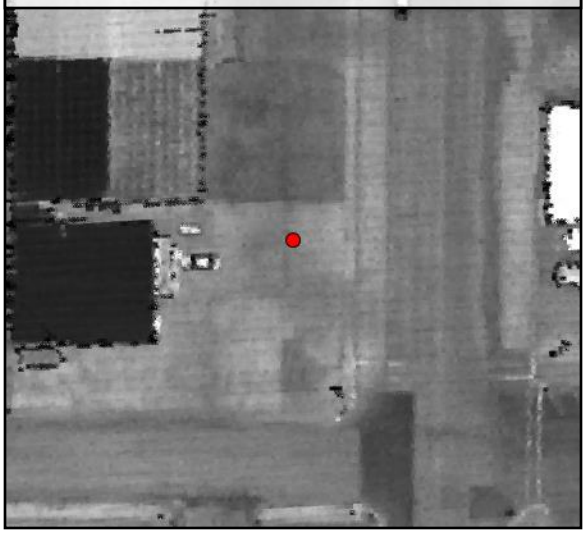
Southwest to Northeast



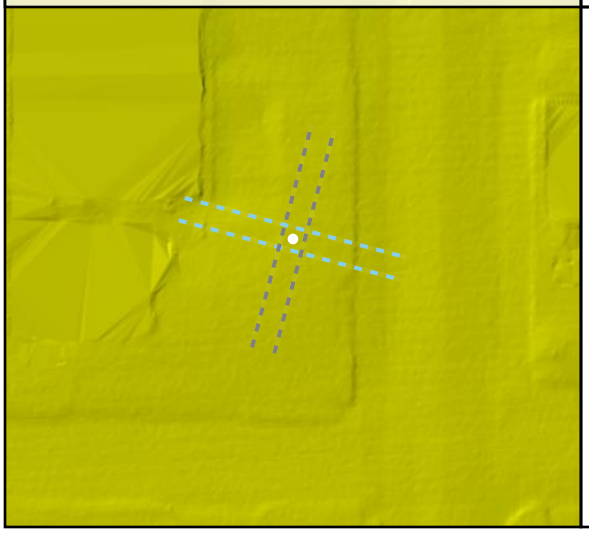
Southeast to Northwest



Intensity Raster

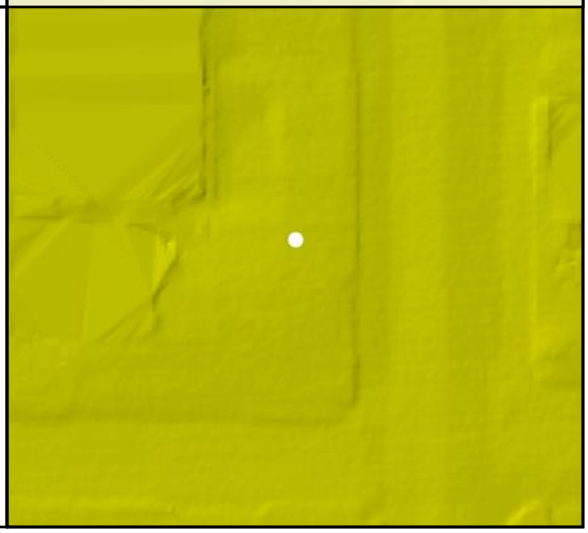


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

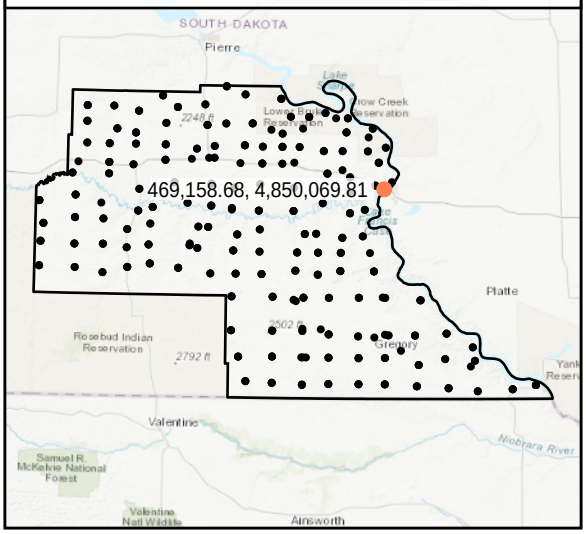
NVA - UA006

Raw TIN Dz +0.02 m

UA007

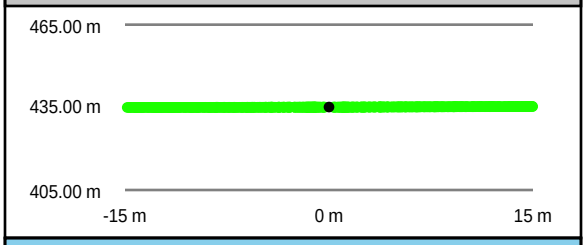
Known Z	435.10 m	Point Density	4.88 ppsm
DEM Dz	-0.04 m	Ground Density	4.88 ppsm
Raw TIN Dz	-0.04 m	Slope	1.38 °

Project Context

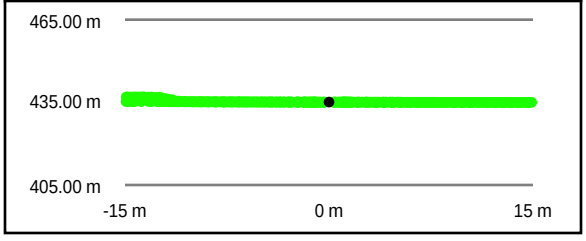


World Imagery

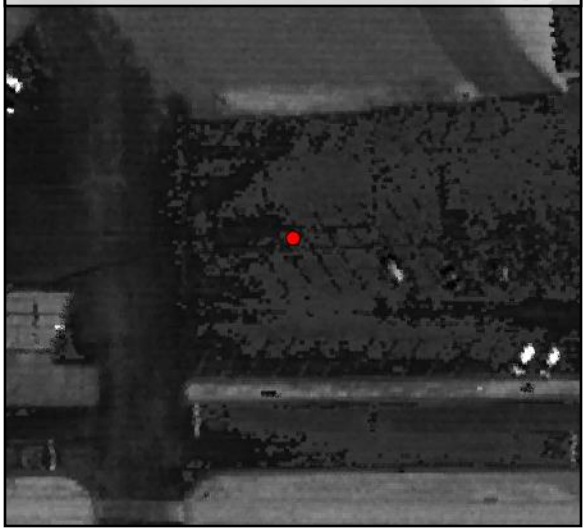
Southwest to Northeast



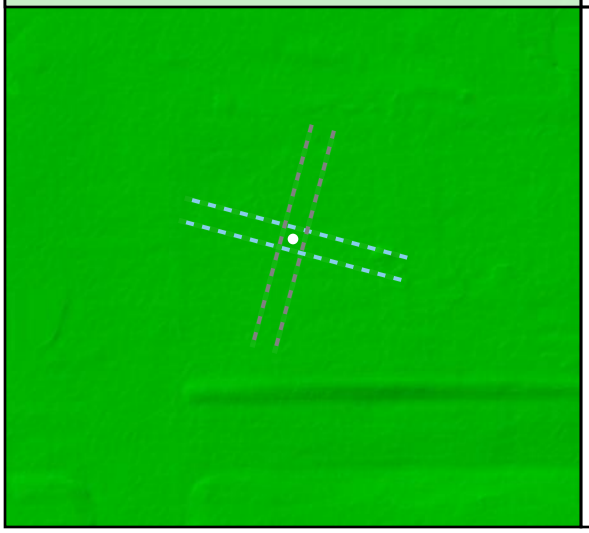
Southeast to Northwest



Intensity Raster

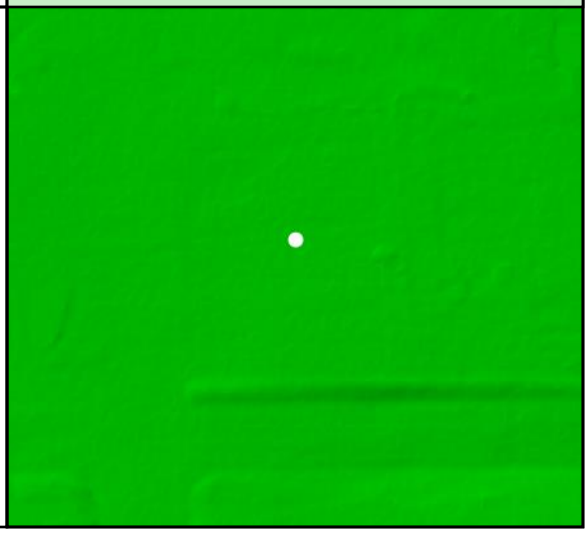


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

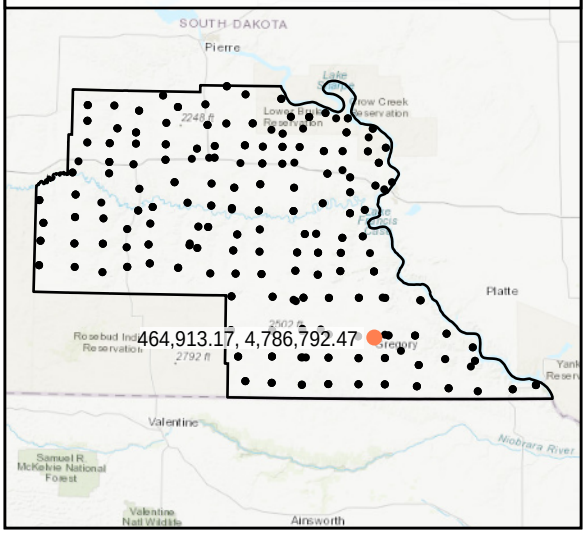
NVA - UA007

Raw TIN Dz -0.04 m

UA008

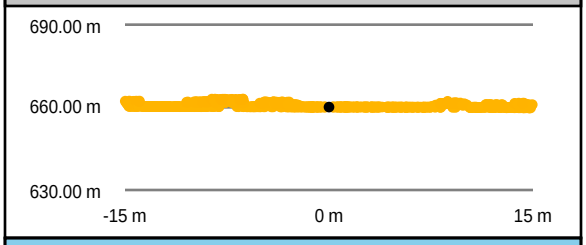
Known Z	660.09 m	Point Density	5.62 ppsm
DEM Dz	0.03 m	Ground Density	5.13 ppsm
Raw TIN Dz	0.03 m	Slope	1.28 °

Project Context

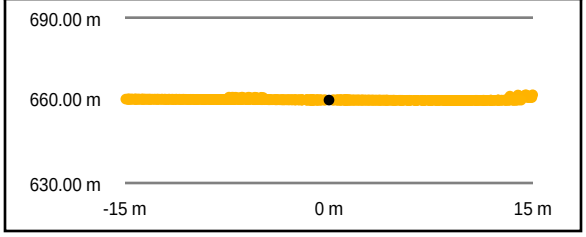


World Imagery

Southwest to Northeast

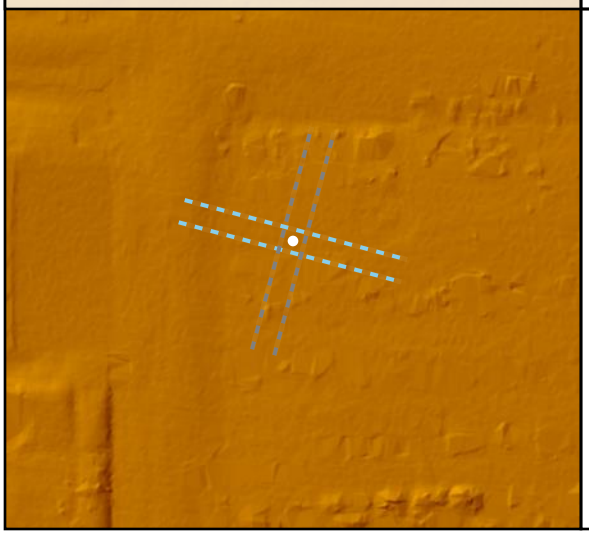


Southeast to Northwest



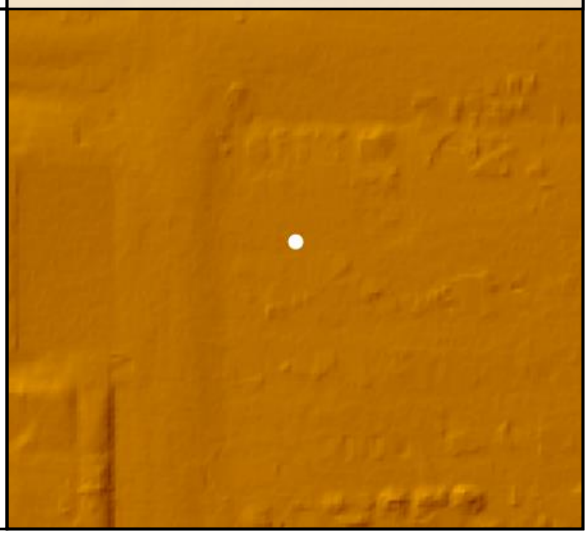
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

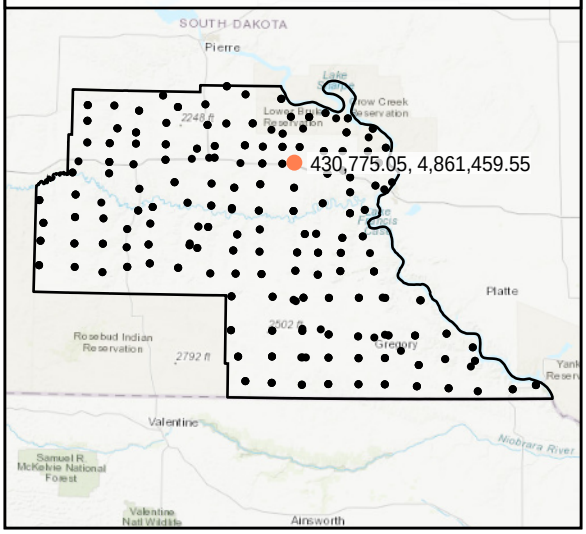
NVA - UA008

Raw TIN Dz +0.03 m

UA009

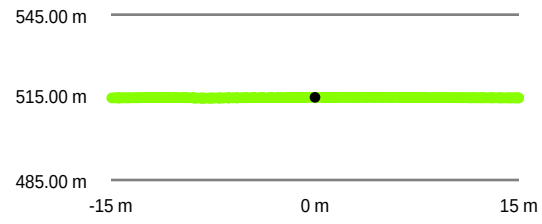
Known Z	515.00 m	Point Density	4.00 ppsm
DEM Dz	-0.02 m	Ground Density	4.00 ppsm
Raw TIN Dz	-0.01 m	Slope	2.31 °

Project Context

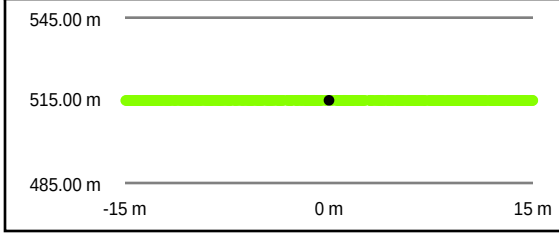


World Imagery

Southwest to Northeast

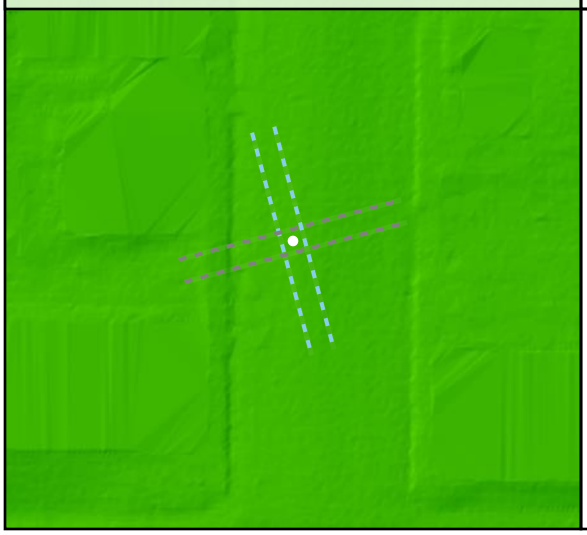


Southeast to Northwest



Intensity Raster

TIN Surface

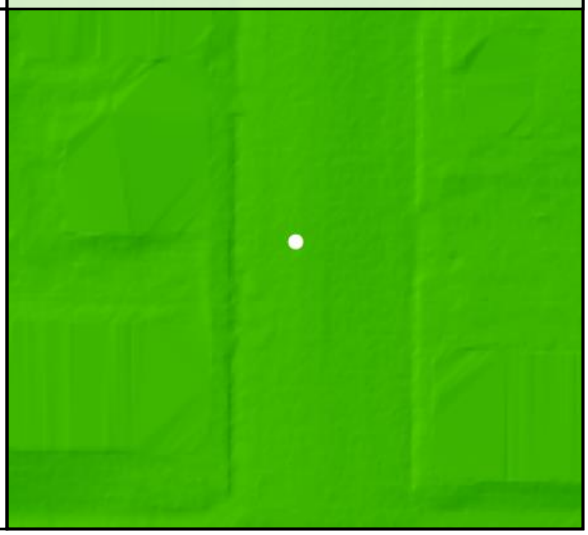


Project Elevation

795.78

413.64

DEM Surface



DEM Dz -0.02 m

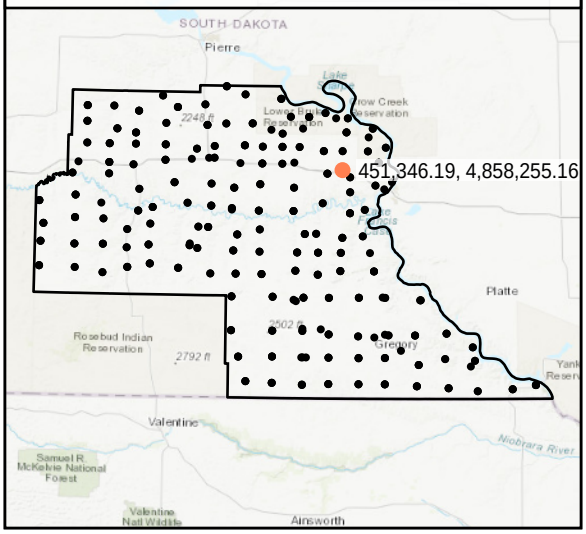
NVA - UA009

Raw TIN Dz -0.01 m

UA010

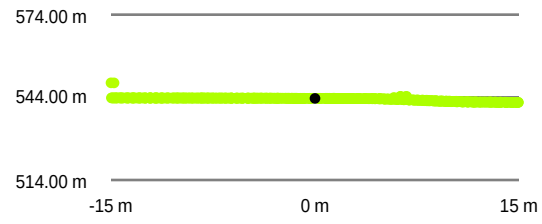
Known Z	543.61 m	Point Density	5.27 ppsm
DEM Dz	0.03 m	Ground Density	5.27 ppsm
Raw TIN Dz	0.05 m	Slope	0.54 °

Project Context

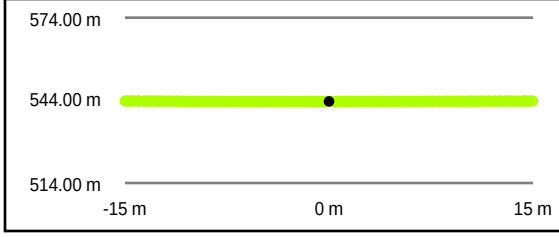


World Imagery

Southeast to Northwest

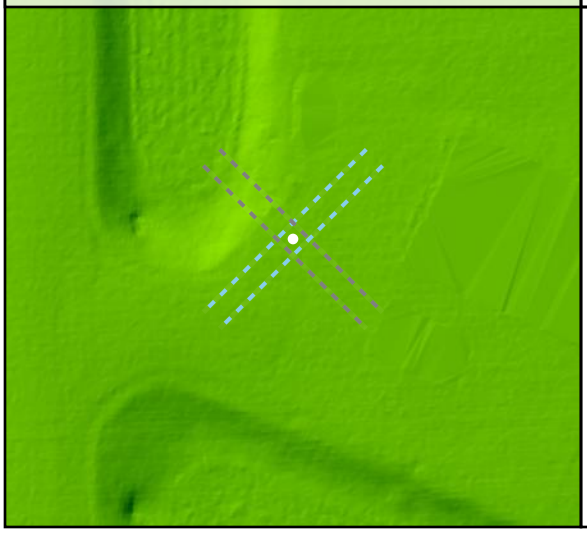


Southwest to Northeast



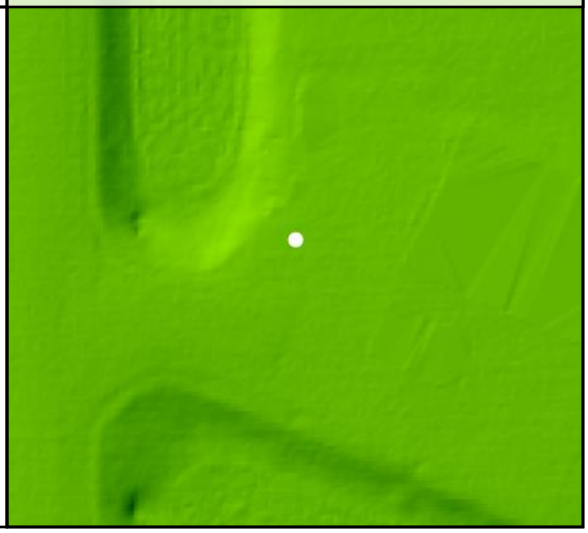
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

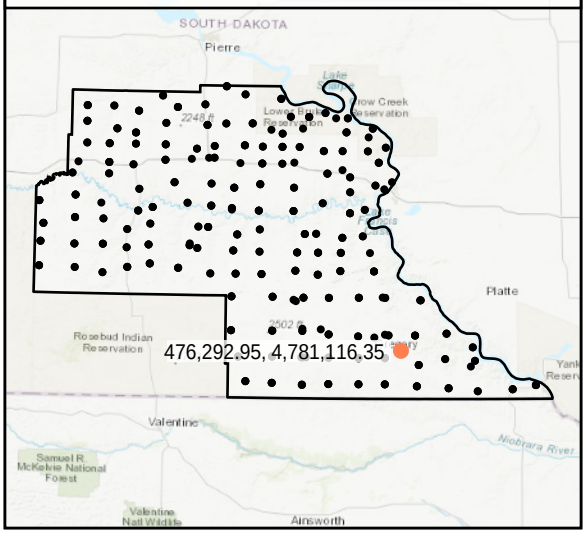
NVA - UA010

Raw TIN Dz +0.05 m

UA011

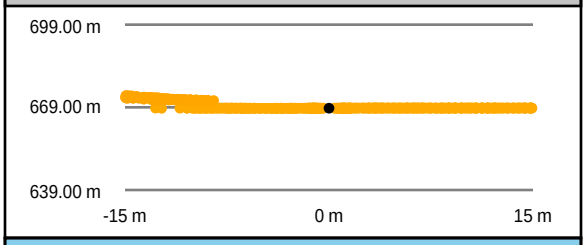
Known Z	668.68 m	Point Density	4.49 ppsm
DEM Dz	0.01 m	Ground Density	4.49 ppsm
Raw TIN Dz	0.01 m	Slope	1.52 °

Project Context

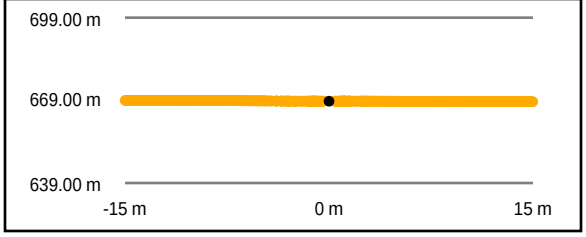


World Imagery

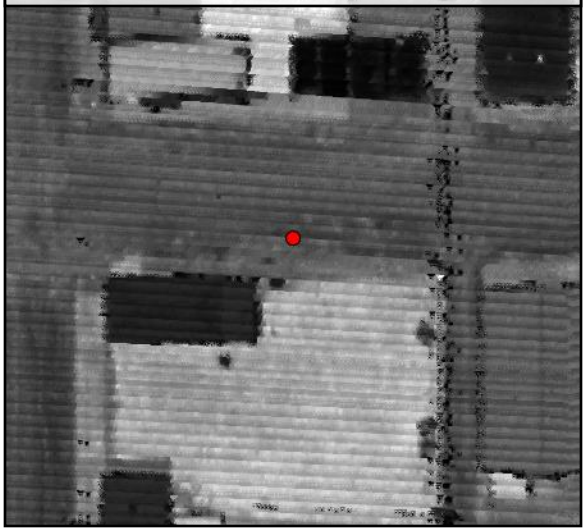
Southwest to Northeast



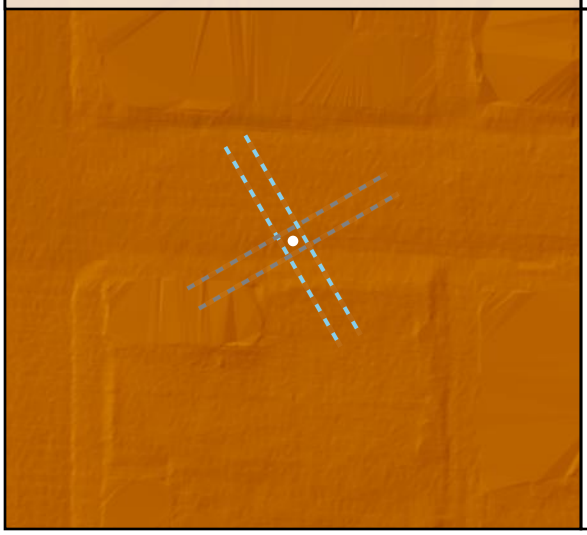
Southeast to Northwest



Intensity Raster

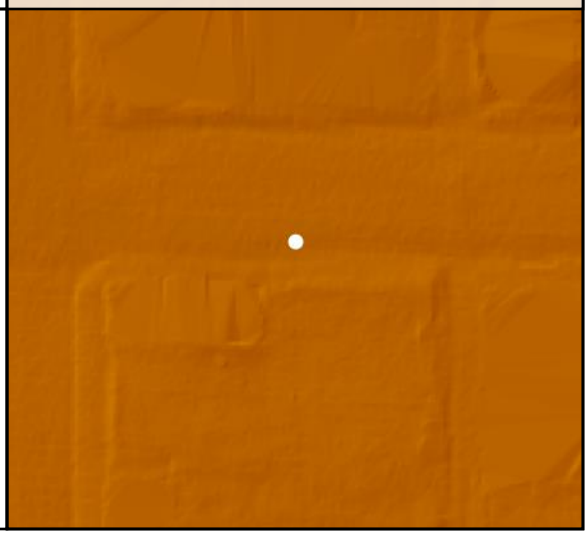


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

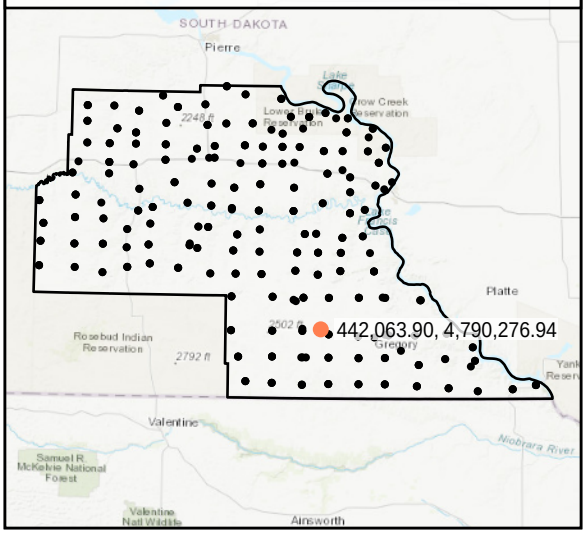
NVA - UA011

Raw TIN Dz +0.01 m

UA012

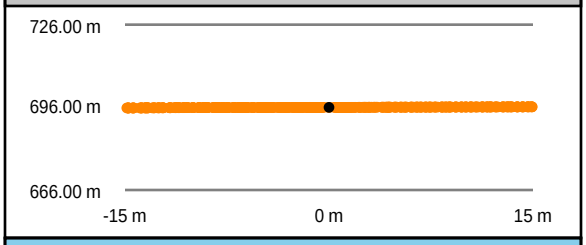
Known Z	695.99 m	Point Density	4.70 ppsm
DEM Dz	-0.01 m	Ground Density	4.70 ppsm
Raw TIN Dz	0.00 m	Slope	0.70 °

Project Context

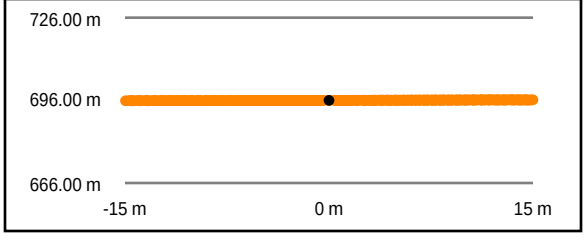


World Imagery

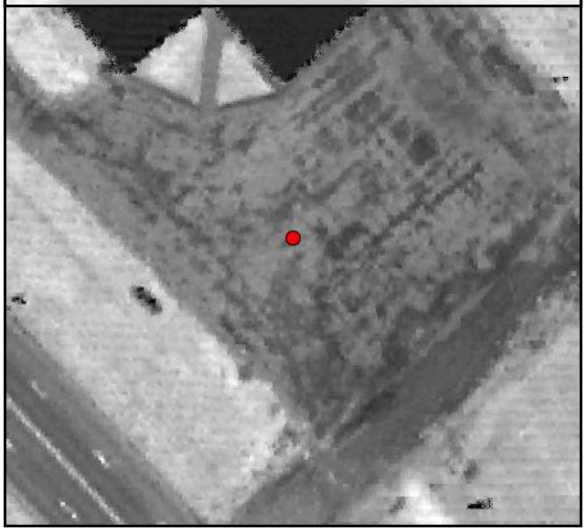
South to North



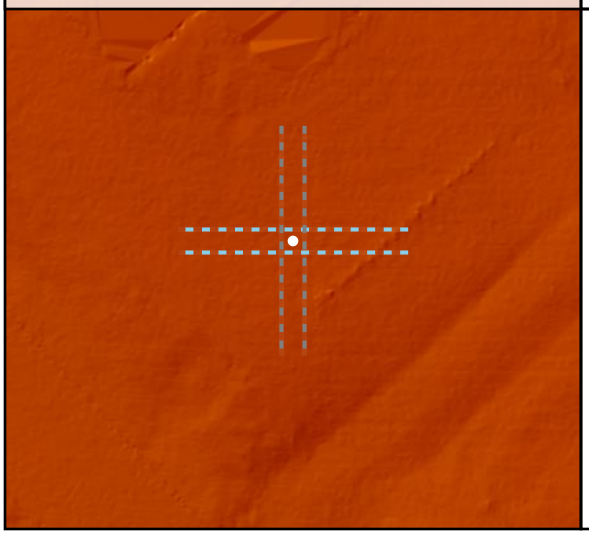
West to East



Intensity Raster

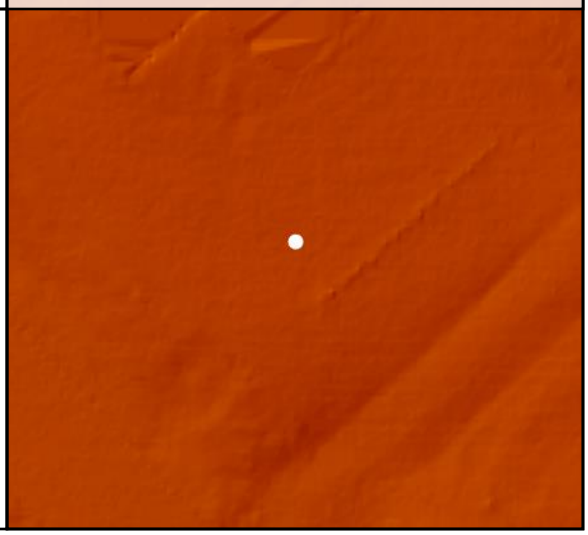


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

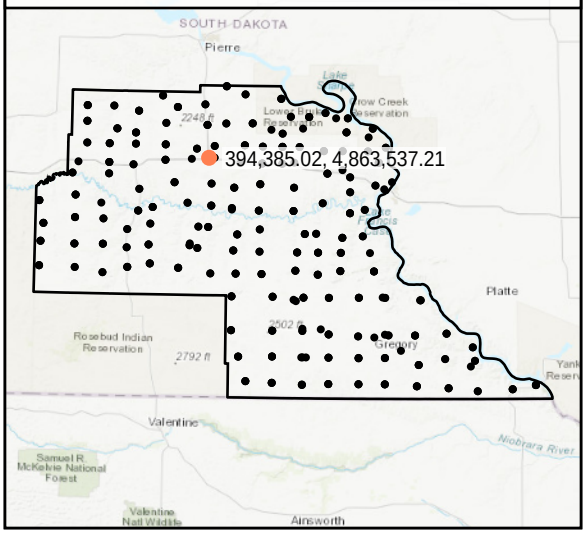
NVA - UA012

Raw TIN Dz 0.00 m

UA013

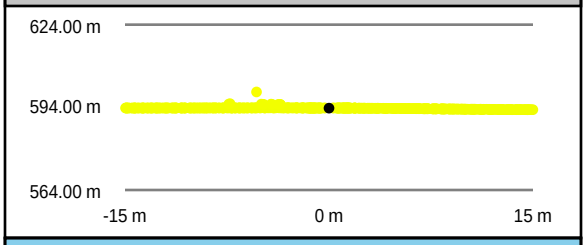
Known Z	593.70 m	Point Density	4.21 ppsm
DEM Dz	0.06 m	Ground Density	4.21 ppsm
Raw TIN Dz	0.05 m	Slope	1.48 °

Project Context

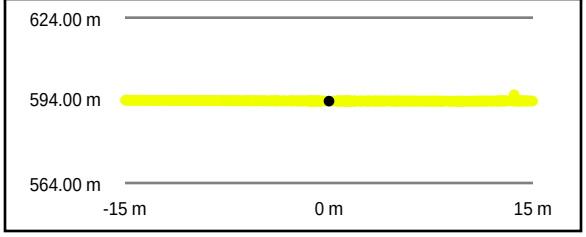


World Imagery

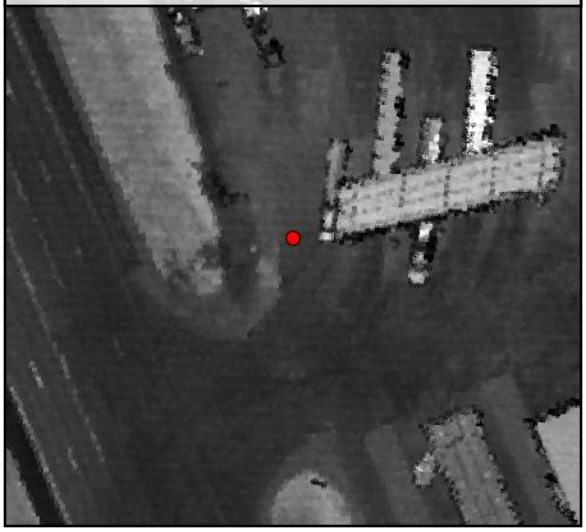
Southeast to Northwest



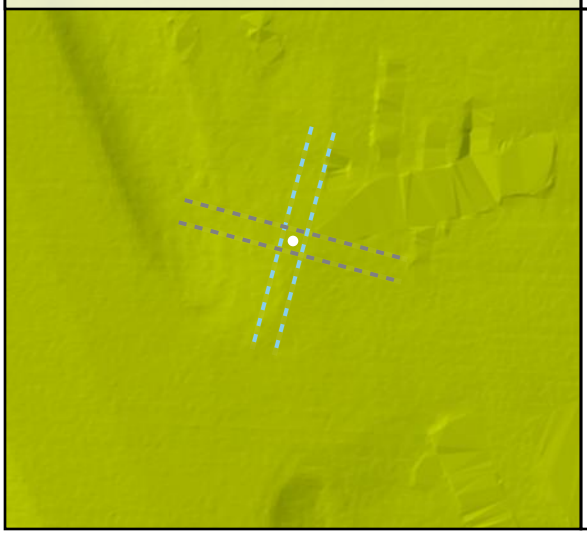
Southwest to Northeast



Intensity Raster

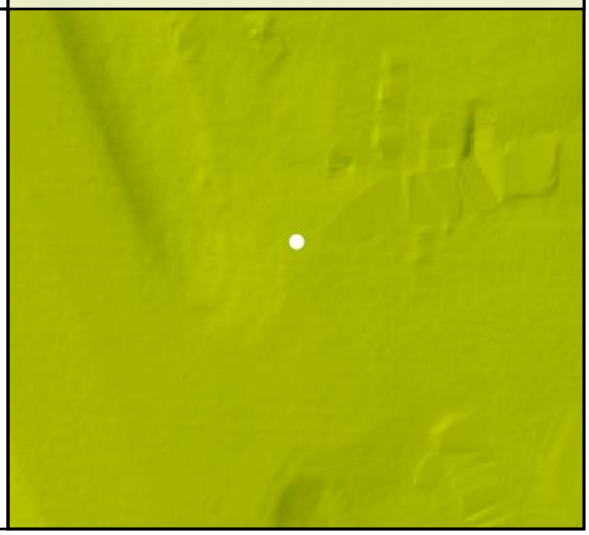


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

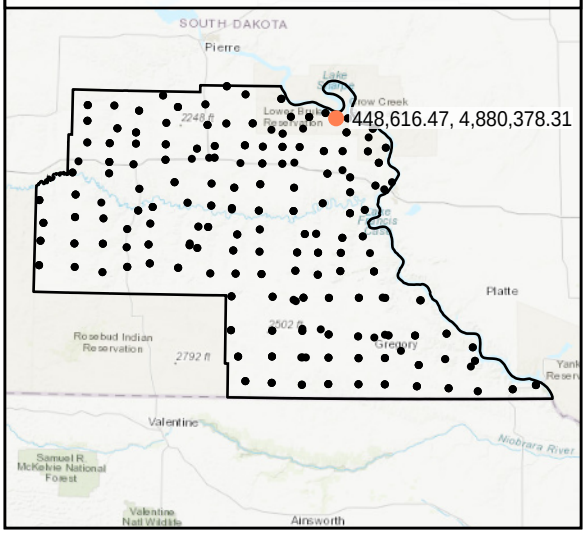
NVA - UA013

Raw TIN Dz +0.05 m

UA014

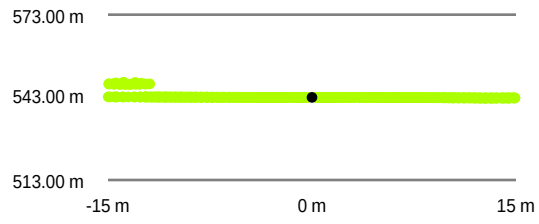
Known Z	542.98 m	Point Density	4.88 ppsm
DEM Dz	0.02 m	Ground Density	4.88 ppsm
Raw TIN Dz	0.02 m	Slope	0.45 °

Project Context

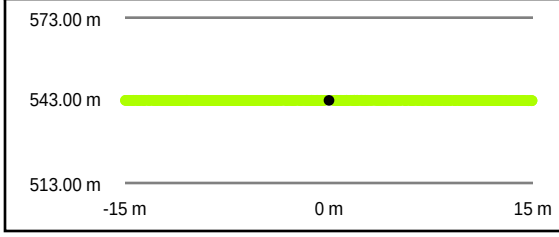


World Imagery

Southwest to Northeast

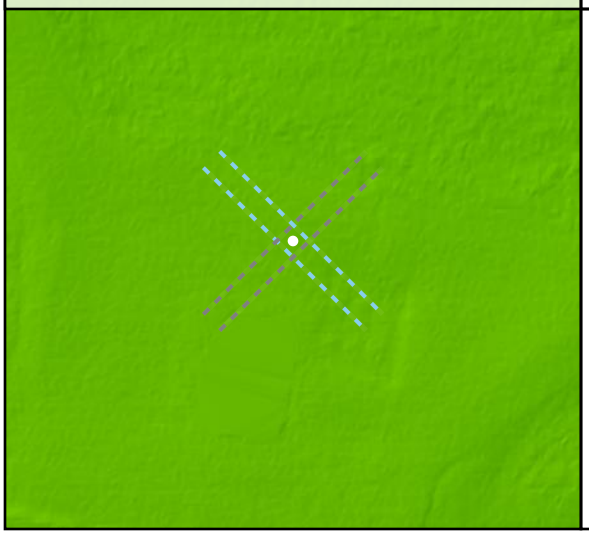


Southeast to Northwest



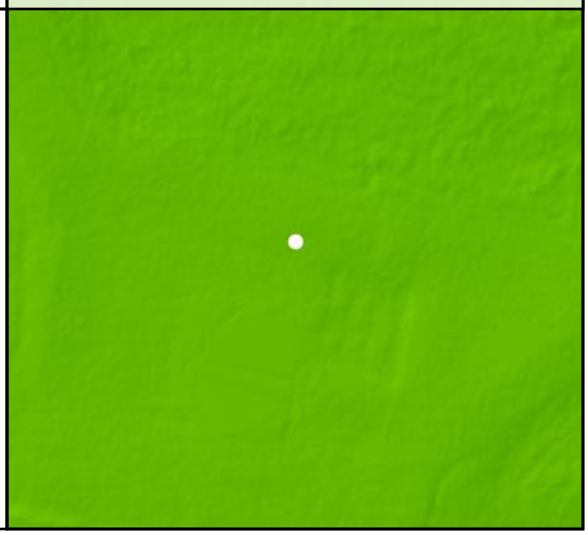
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

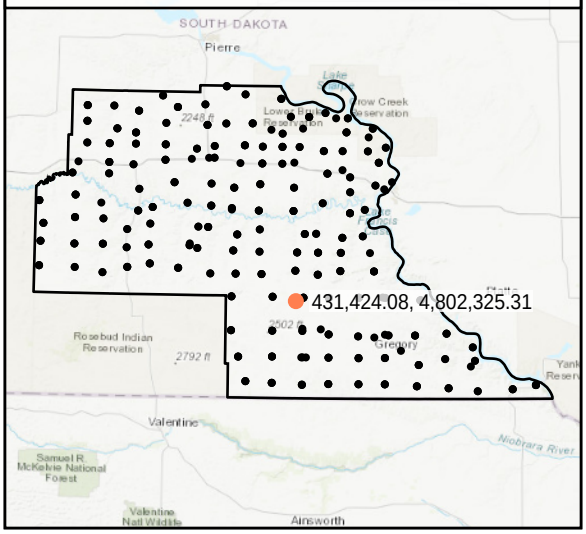
NVA - UA014

Raw TIN Dz +0.02 m

UA016

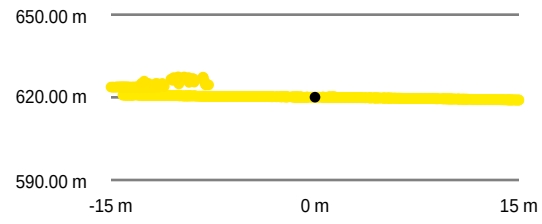
Known Z	620.05 m	Point Density	7.00 ppsm
DEM Dz	0.00 m	Ground Density	7.00 ppsm
Raw TIN Dz	-0.01 m	Slope	3.21 °

Project Context

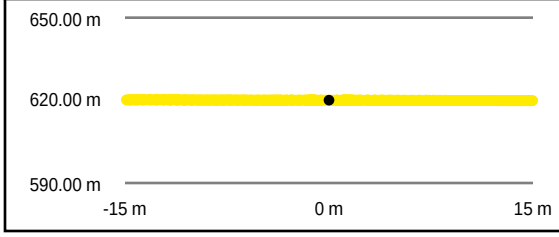


World Imagery

Southwest to Northeast

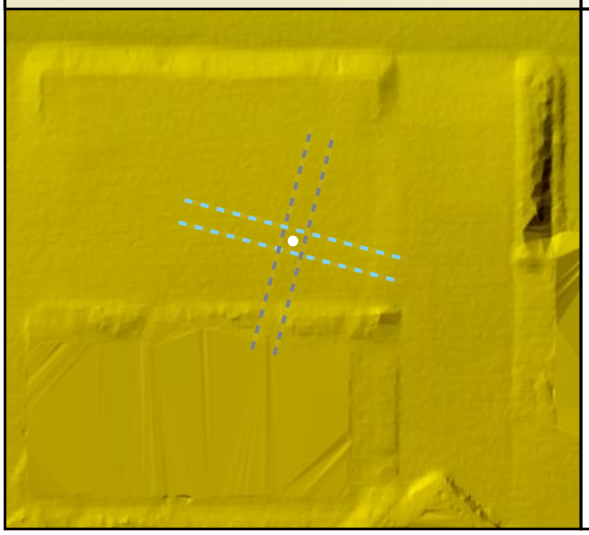


Southeast to Northwest



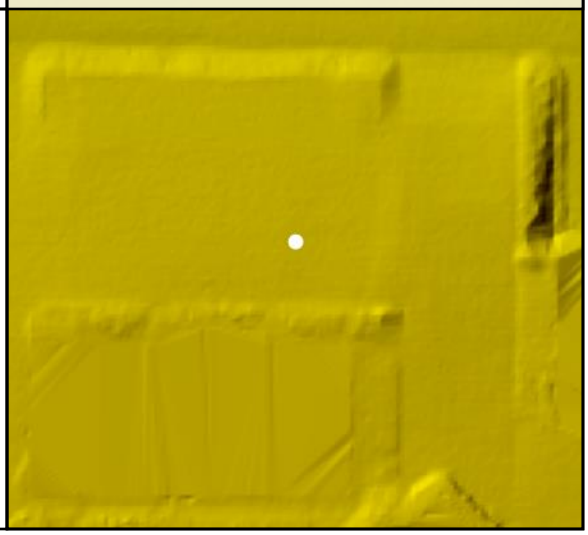
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

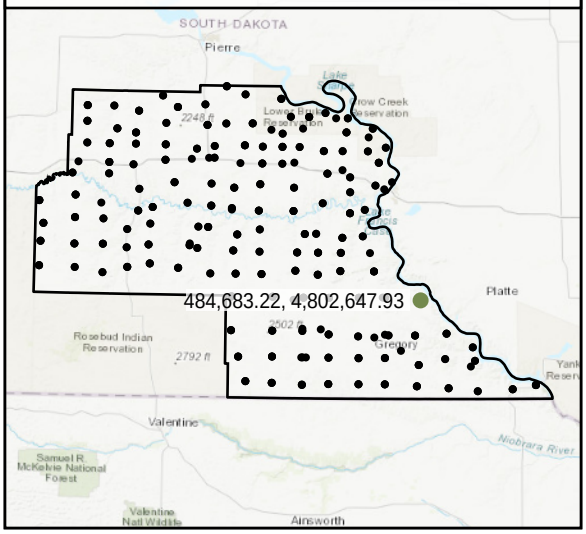
NVA - UA016

Raw TIN Dz -0.01 m

FO001

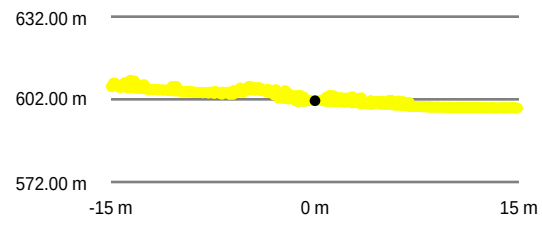
Known Z	601.49 m	Point Density	6.15 ppsm
DEM Dz	0.08 m	Ground Density	2.76 ppsm
Raw TIN Dz	N/A	Slope	19.32 °

Project Context

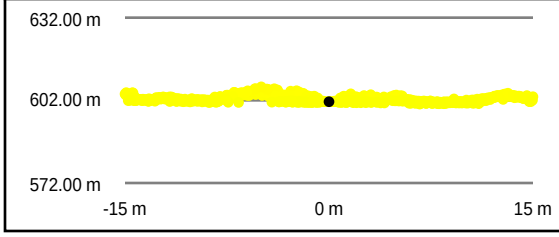


World Imagery

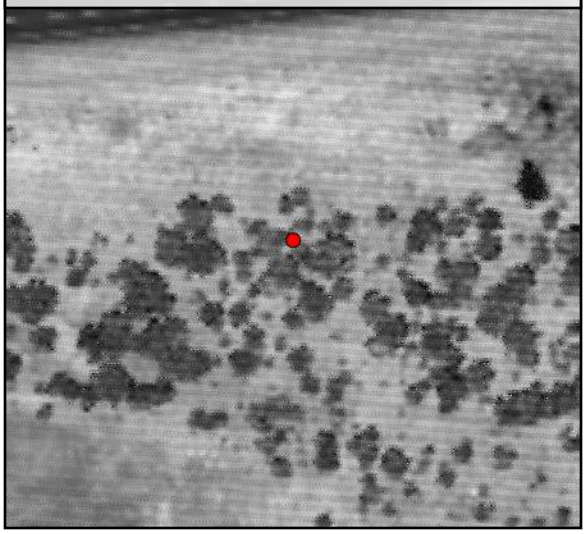
Southwest to Northeast



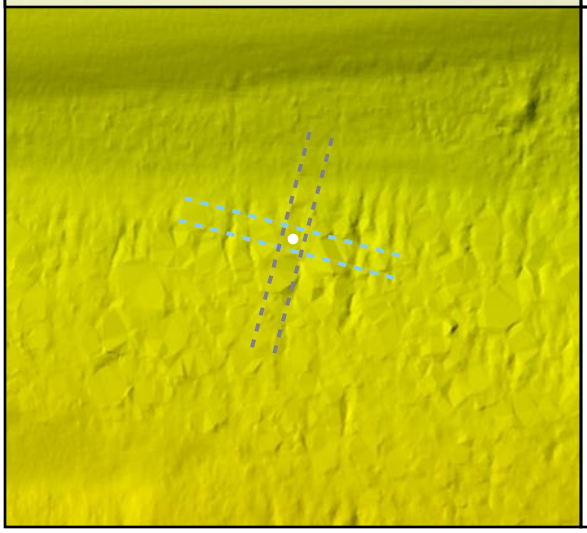
Southeast to Northwest



Intensity Raster

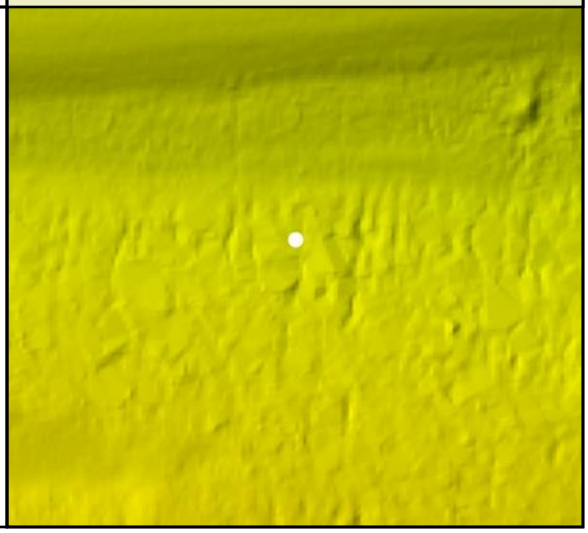


TIN Surface



Project Elevation

DEM Surface



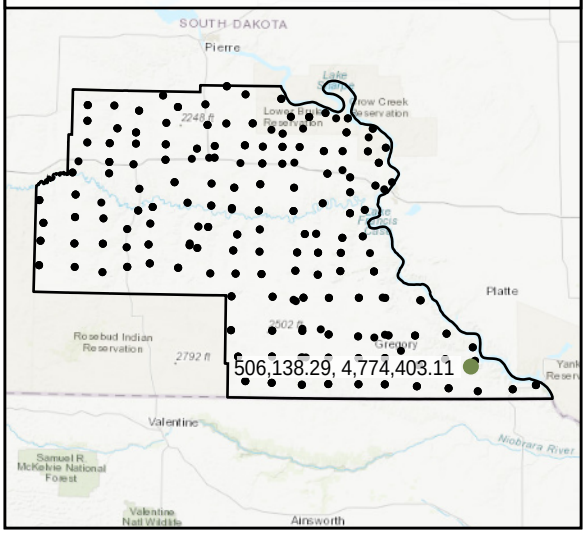
DEM Dz +0.08 m

VVA - FO001

FO002

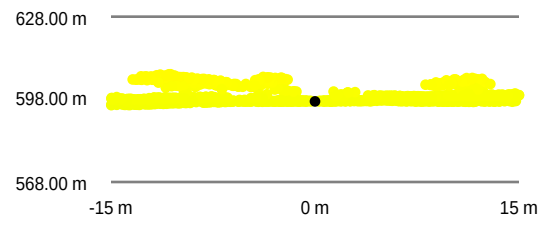
Known Z	597.25 m	Point Density	6.54 ppsm
DEM Dz	0.11 m	Ground Density	4.70 ppsm
Raw TIN Dz	N/A	Slope	9.78 °

Project Context

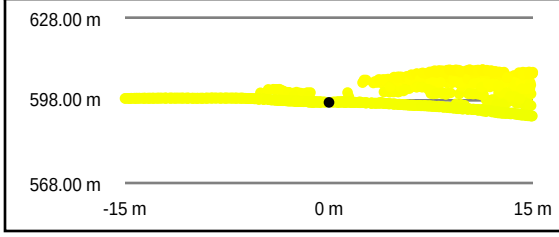


World Imagery

Southwest to Northeast

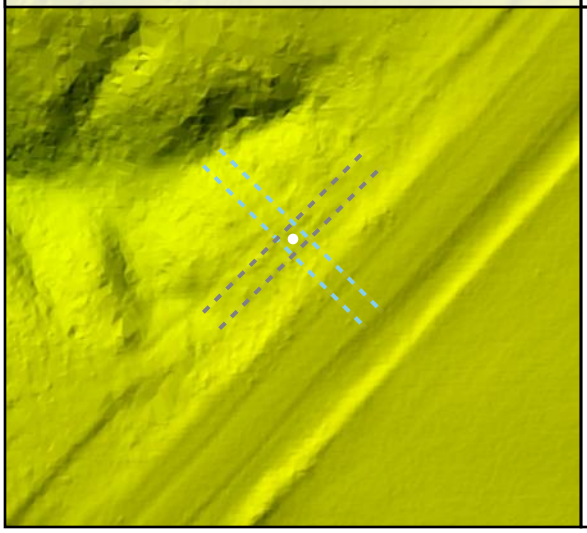


Southeast to Northwest



Intensity Raster

TIN Surface

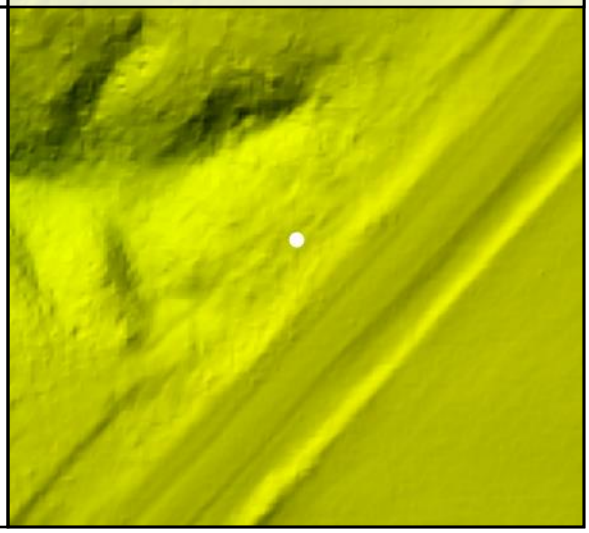


Project Elevation

795.78

413.64

DEM Surface

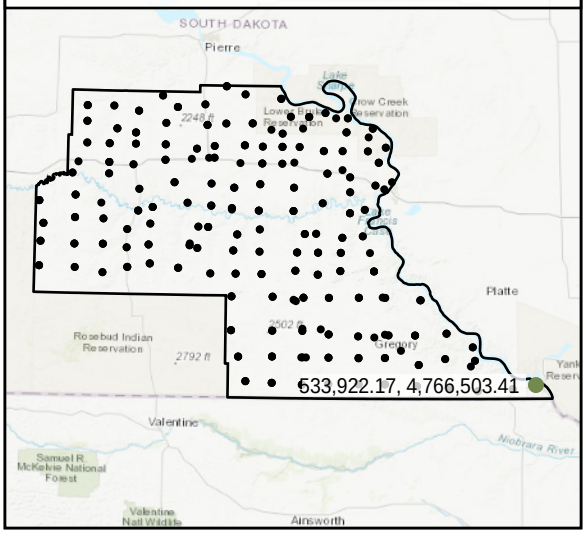


DEM Dz +0.11 m

VVA - FO002

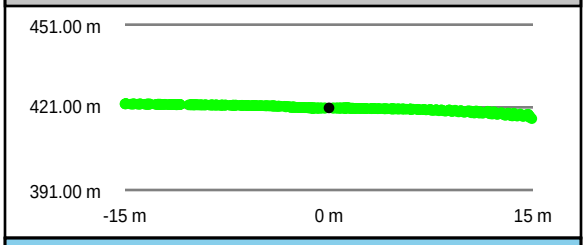
TW001				
	Known Z	420.80 m	Point Density	4.60 ppsm
	DEM Dz	-0.05 m	Ground Density	4.60 ppsm
	Raw TIN Dz	N/A	Slope	4.29 °

Project Context

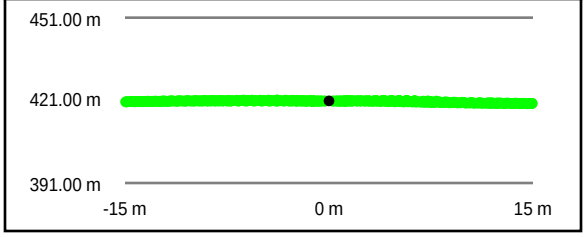


World Imagery

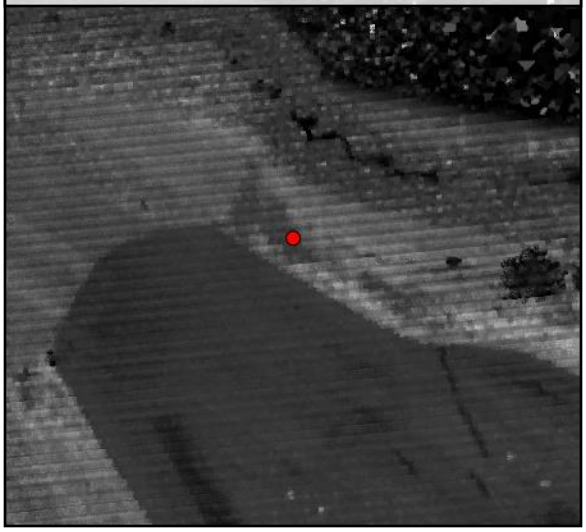
South to North



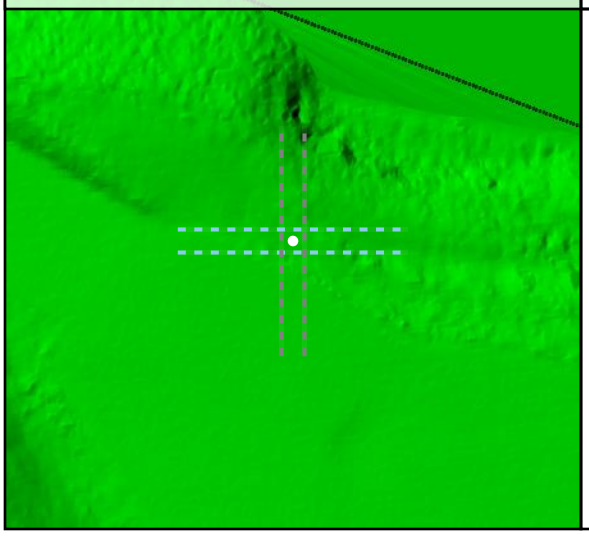
West to East



Intensity Raster

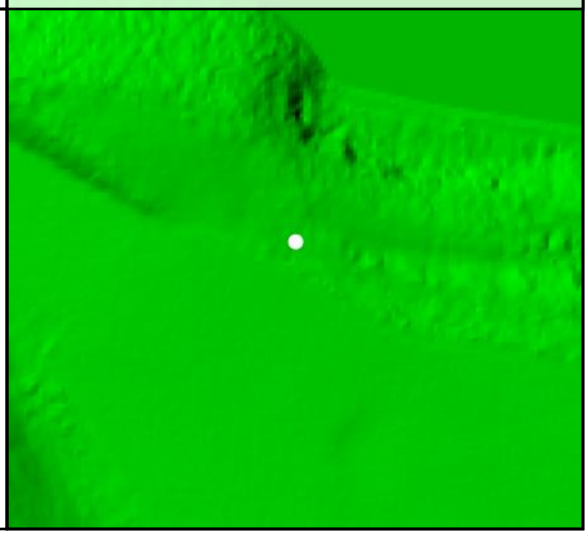


TIN Surface



Project Elevation

DEM Surface

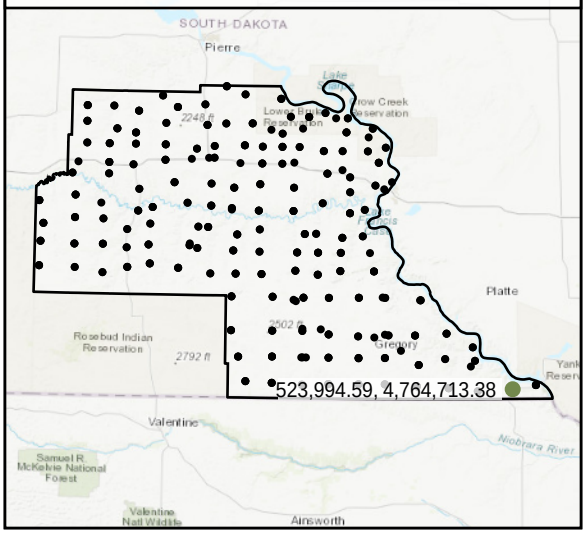


DEM Dz -0.05 m

VVA - TW001

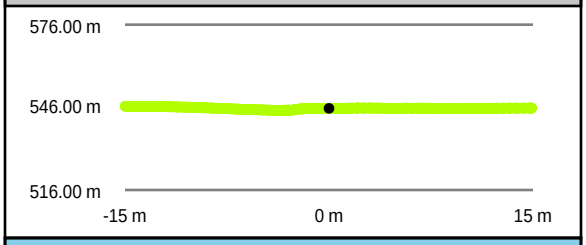
TW002				
	Known Z	545.62 m	Point Density	4.81 ppsm
	DEM Dz	0.03 m	Ground Density	4.74 ppsm
	Raw TIN Dz	N/A	Slope	1.12 °

Project Context

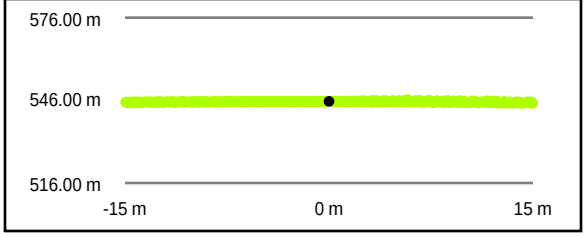


World Imagery

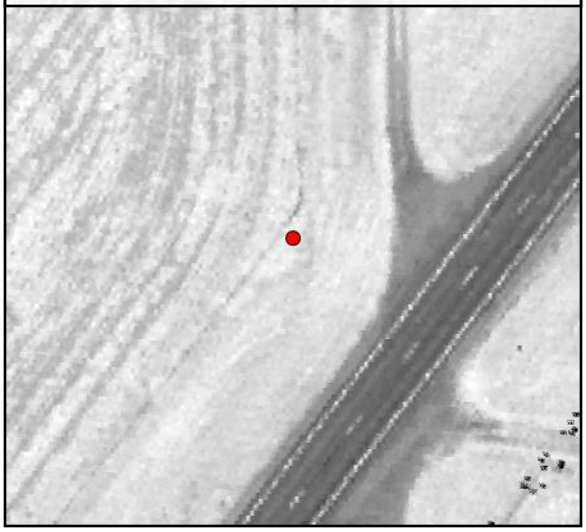
Southeast to Northwest



Southwest to Northeast



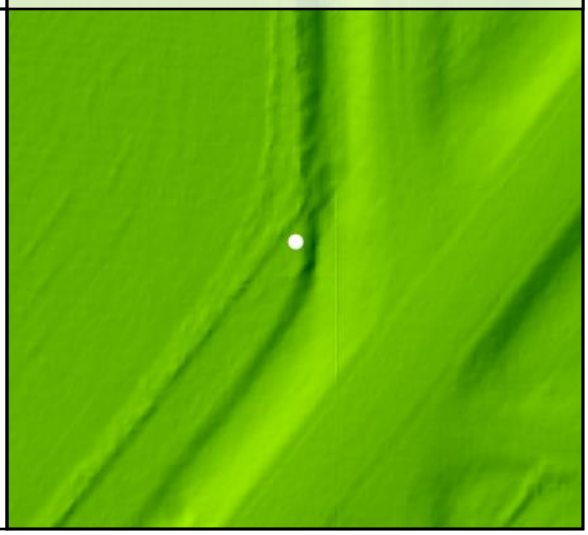
Intensity Raster



TIN Surface

Project Elevation

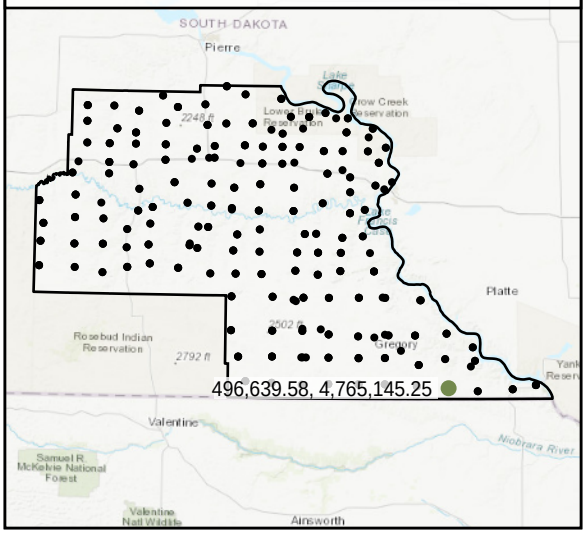
DEM Surface



TW003

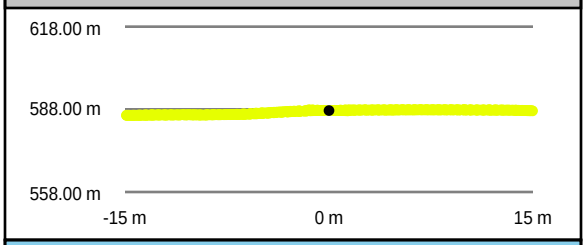
Known Z	587.55 m	Point Density	5.16 ppsm
DEM Dz	0.07 m	Ground Density	5.16 ppsm
Raw TIN Dz	N/A	Slope	3.08 °

Project Context

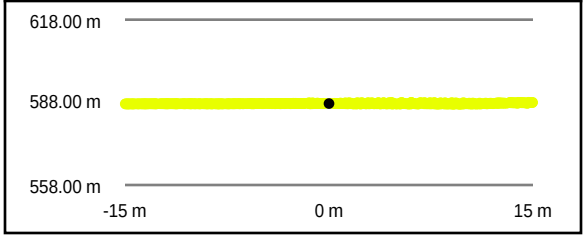


World Imagery

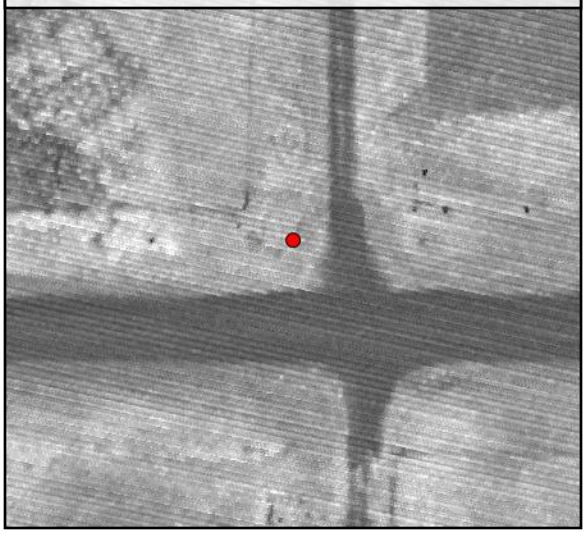
West to East



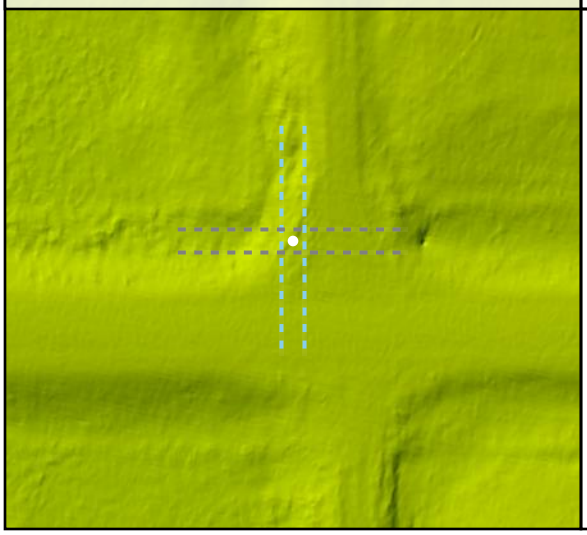
South to North



Intensity Raster

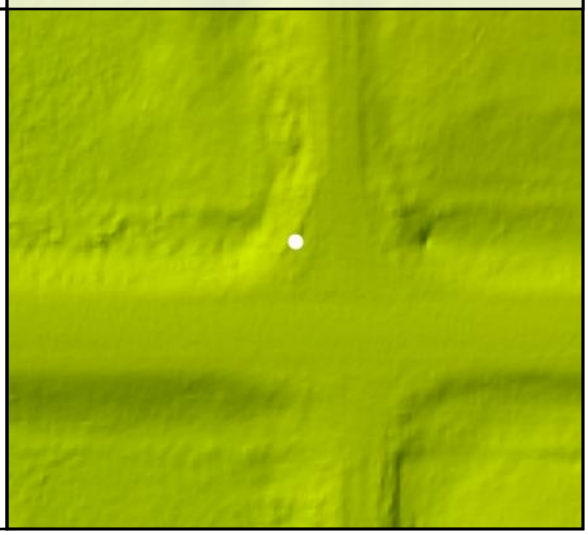


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.07 m

VVA - TW003

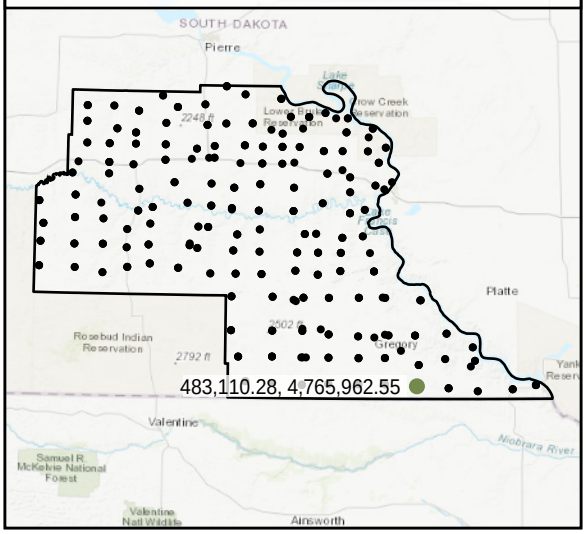
TW004

Known Z	616.85 m	Point Density	5.62 ppsm
DEM Dz	0.09 m	Ground Density	5.59 ppsm
Raw TIN Dz	N/A	Slope	4.34 °

DEM Dz +0.09 m

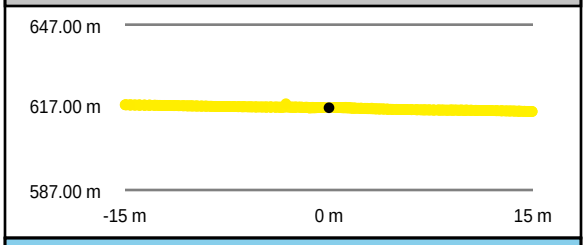
VVA - TW004

Project Context

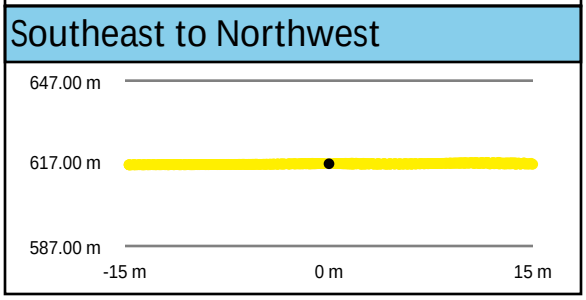


World Imagery

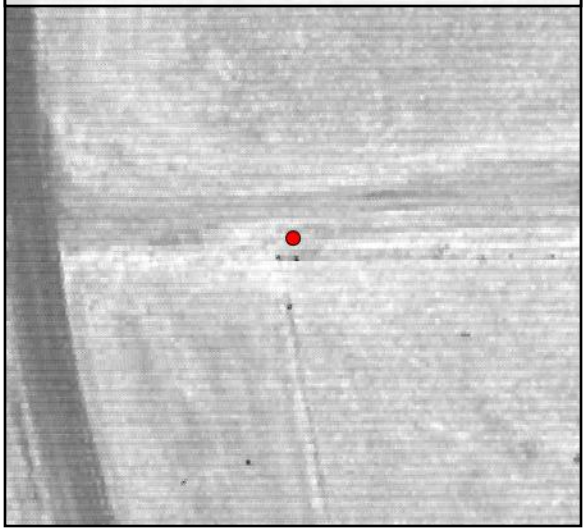
Southwest to Northeast



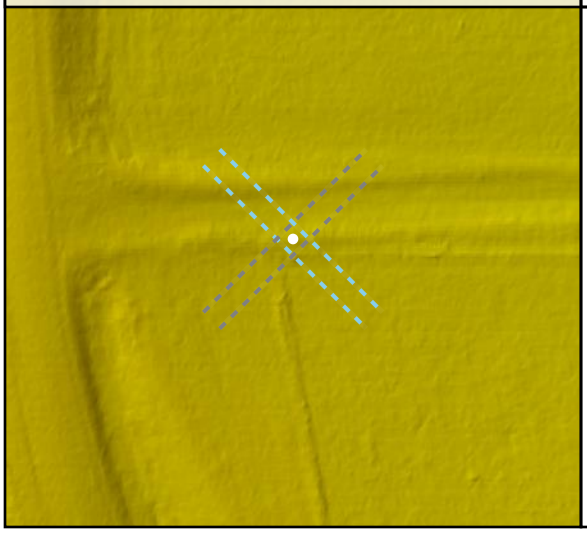
Southeast to Northwest



Intensity Raster

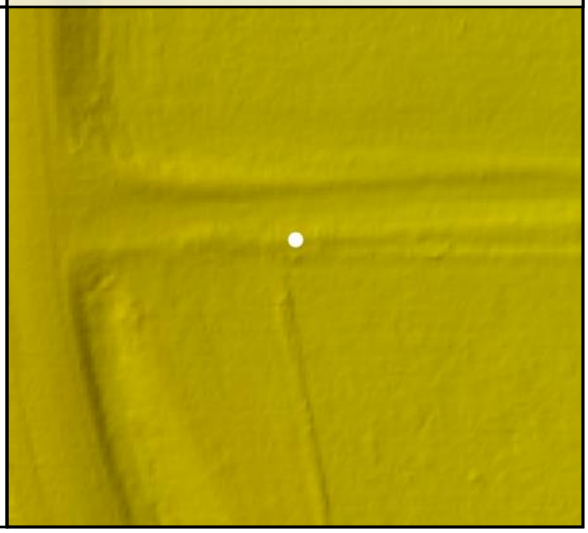


TIN Surface



Project Elevation

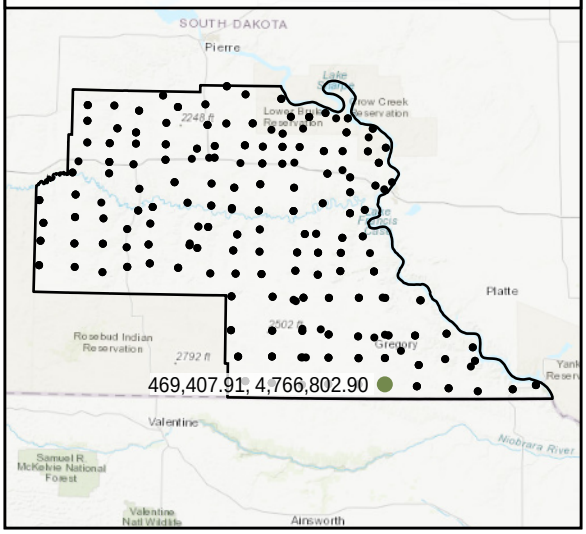
DEM Surface



TW005

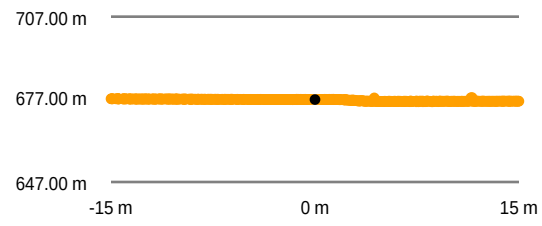
Known Z	676.91 m	Point Density	5.59 ppsm
DEM Dz	0.05 m	Ground Density	5.59 ppsm
Raw TIN Dz	N/A	Slope	2.12 °

Project Context

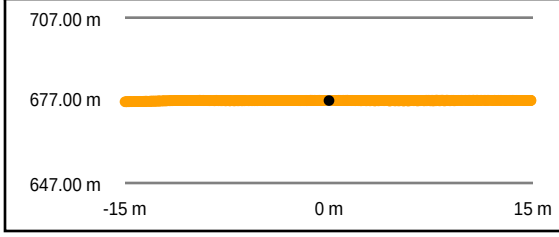


World Imagery

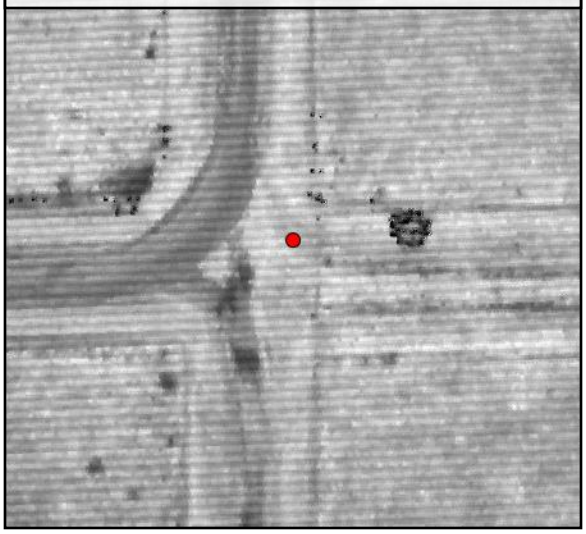
Southwest to Northeast



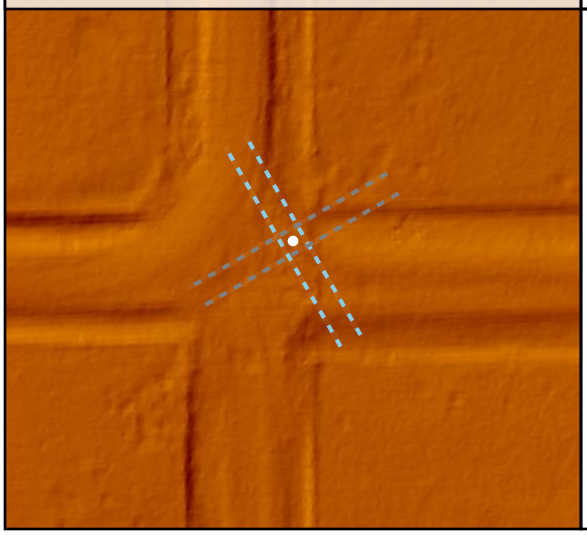
Southeast to Northwest



Intensity Raster

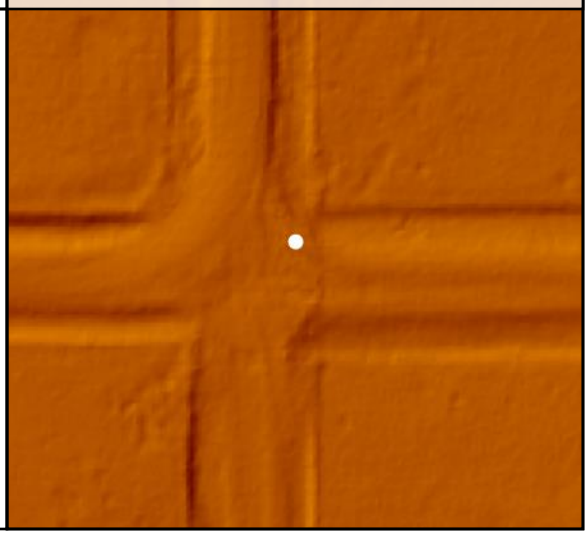


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

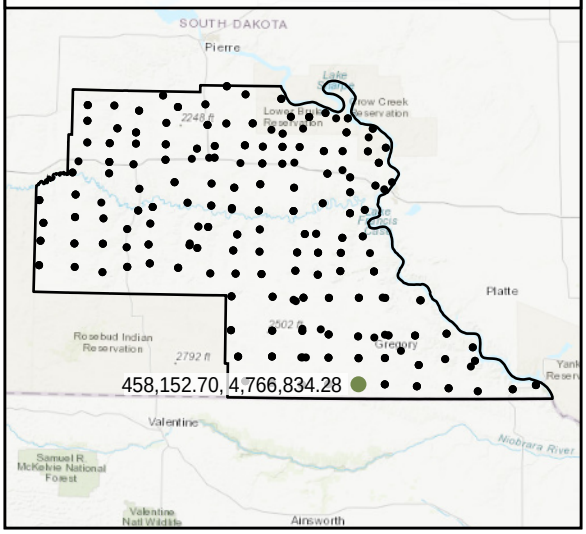
VVA - TW005

TW006				
	Known Z	701.69 m	Point Density	6.22 ppsm
	DEM Dz	0.06 m	Ground Density	6.22 ppsm
	Raw TIN Dz	N/A	Slope	3.91 °

DEM Dz +0.06 m

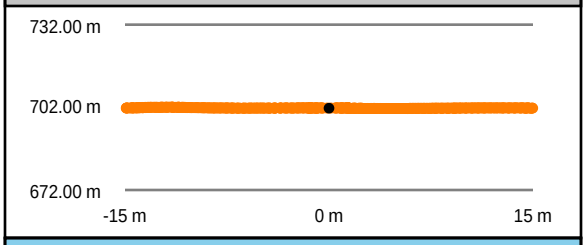
VVA - TW006

Project Context

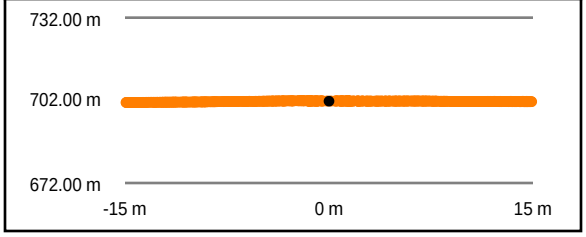


World Imagery

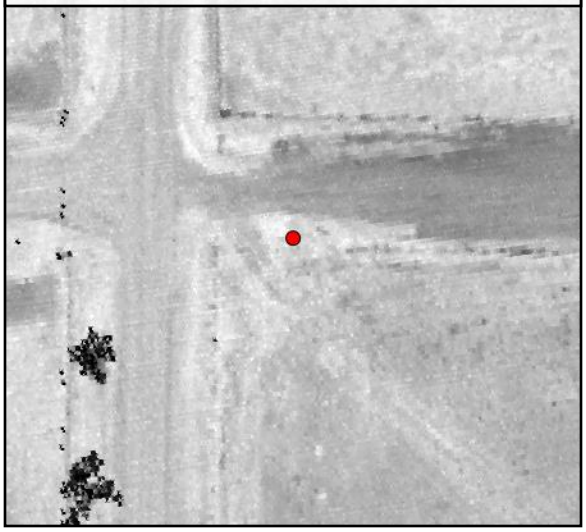
Southwest to Northeast



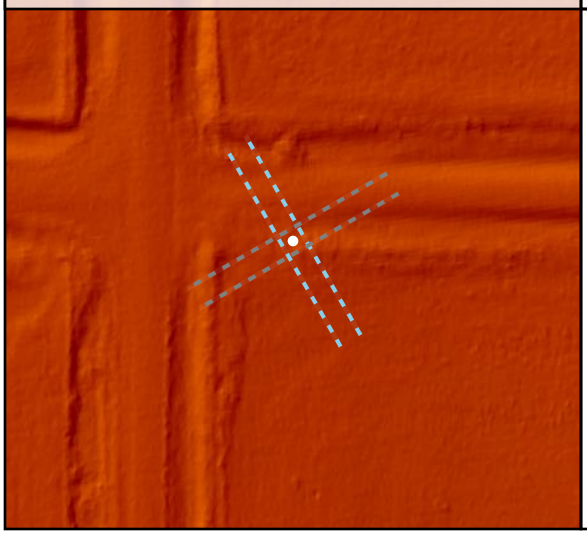
Southeast to Northwest



Intensity Raster

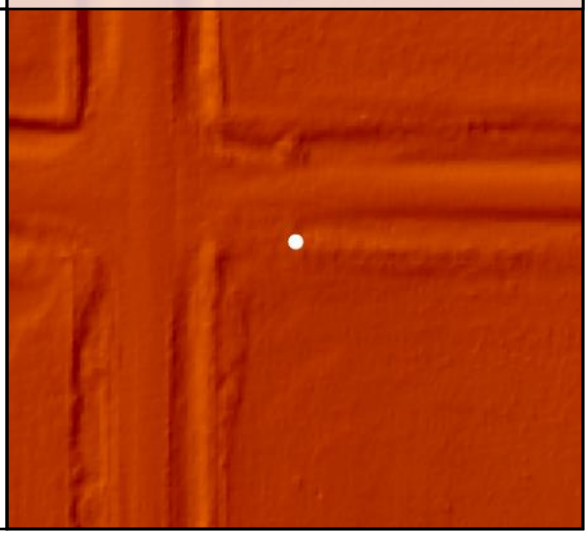


TIN Surface



Project Elevation

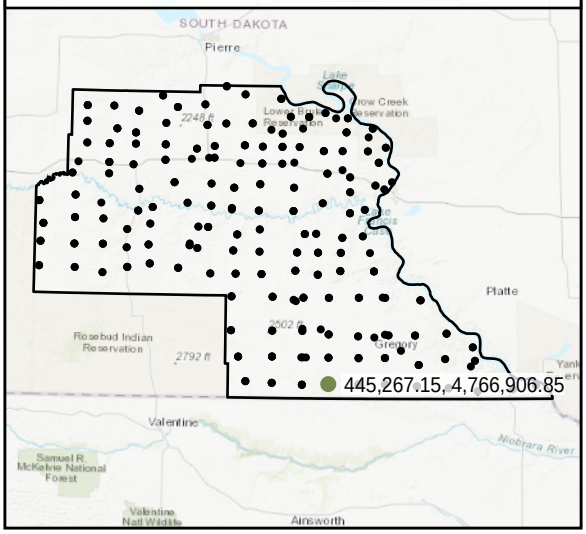
DEM Surface



TW007

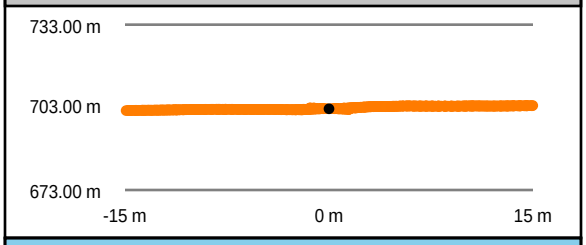
Known Z	702.47 m	Point Density	5.91 ppsm
DEM Dz	0.07 m	Ground Density	5.91 ppsm
Raw TIN Dz	N/A	Slope	7.92 °

Project Context

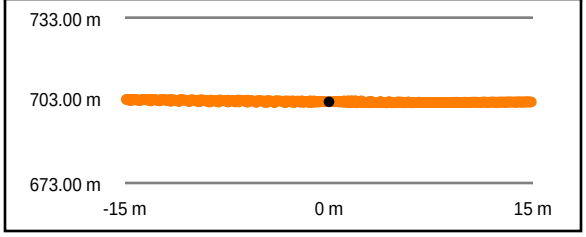


World Imagery

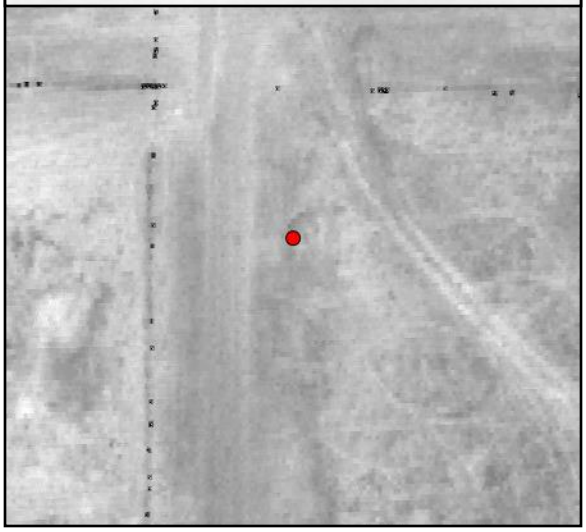
Southwest to Northeast



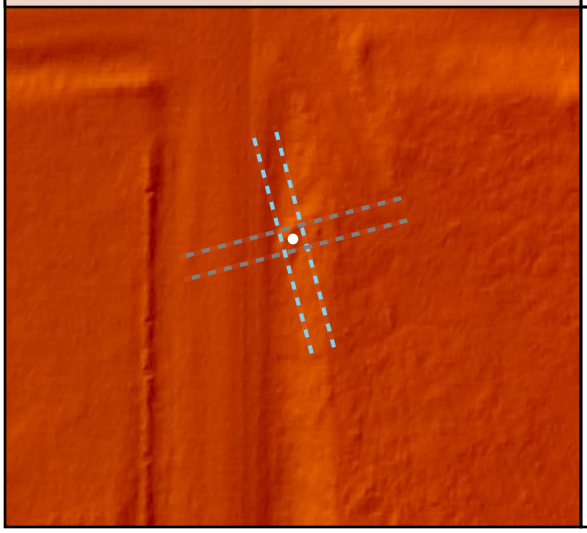
Southeast to Northwest



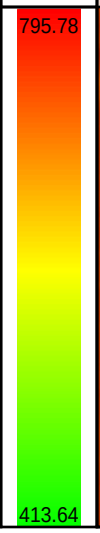
Intensity Raster



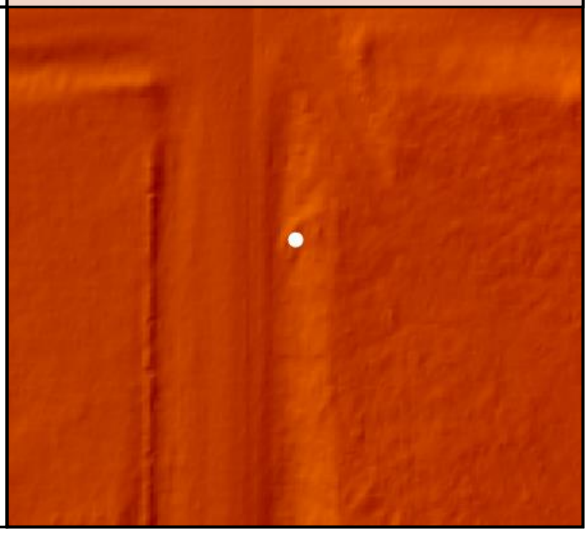
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.07 m

VVA - TW007

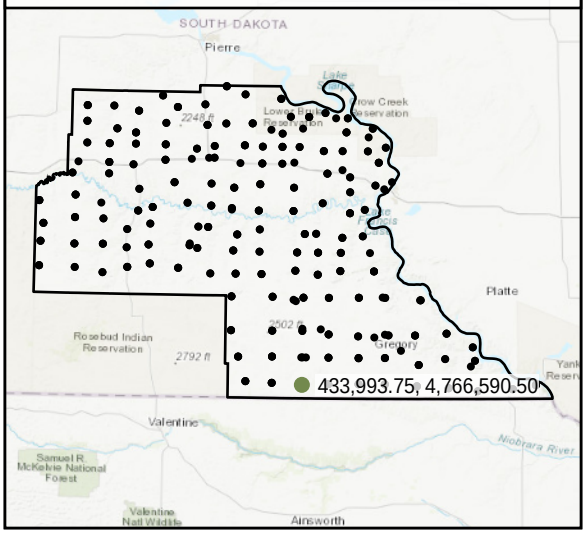
TW008

Known Z	695.92 m	Point Density	4.63 ppsm
DEM Dz	0.06 m	Ground Density	4.63 ppsm
Raw TIN Dz	N/A	Slope	2.06 °

DEM Dz +0.06 m

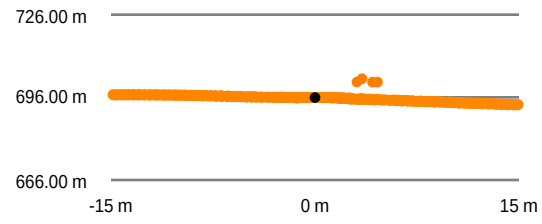
VVA - TW008

Project Context

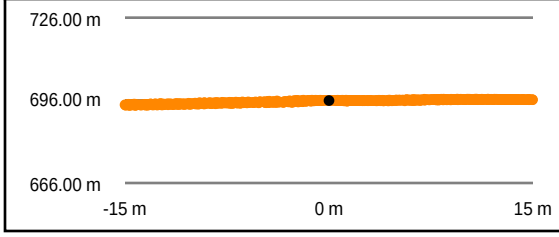


World Imagery

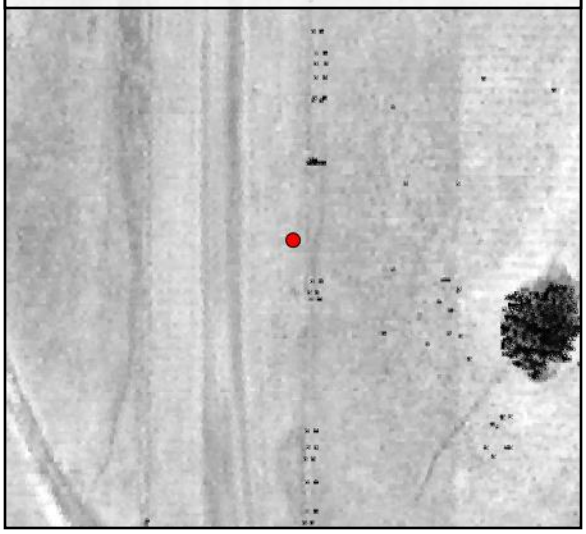
Southwest to Northeast



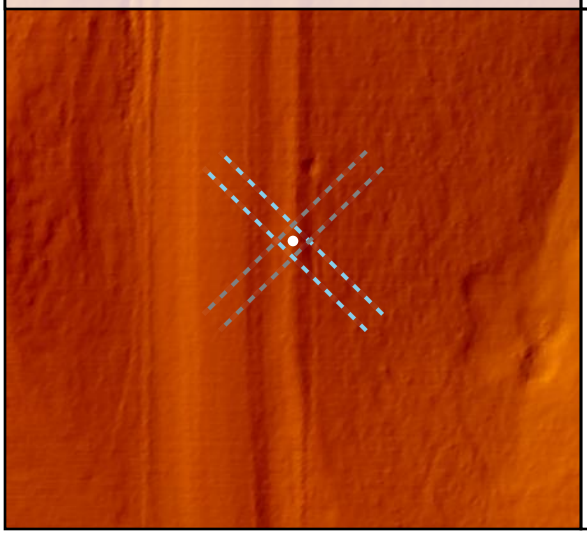
Southeast to Northwest



Intensity Raster

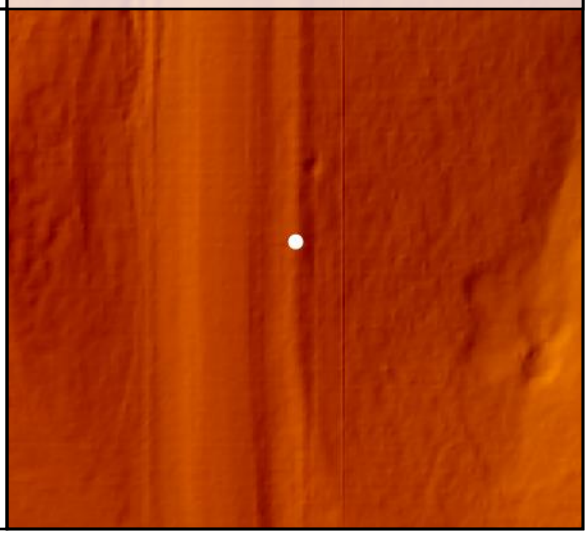


TIN Surface



Project Elevation

DEM Surface



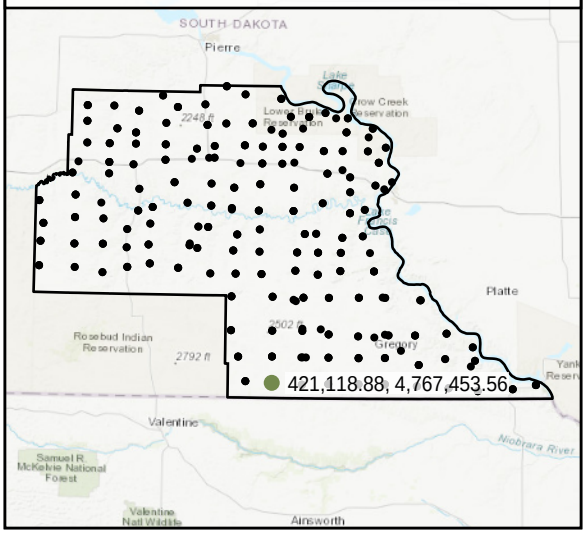
TW009

Known Z	690.50 m	Point Density	4.99 ppsm
DEM Dz	0.16 m	Ground Density	4.95 ppsm
Raw TIN Dz	N/A	Slope	11.02 °

DEM Dz +0.16 m

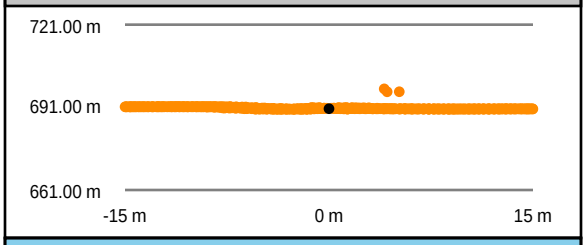
VVA - TW009

Project Context

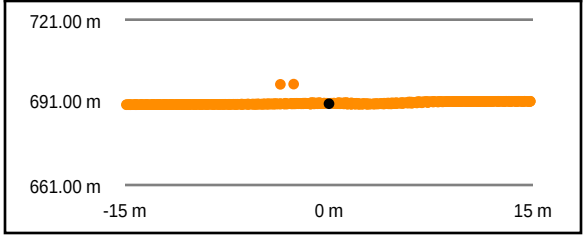


World Imagery

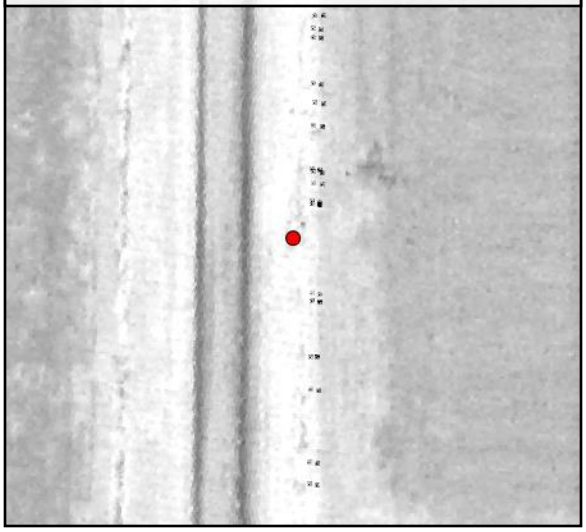
Southwest to Northeast



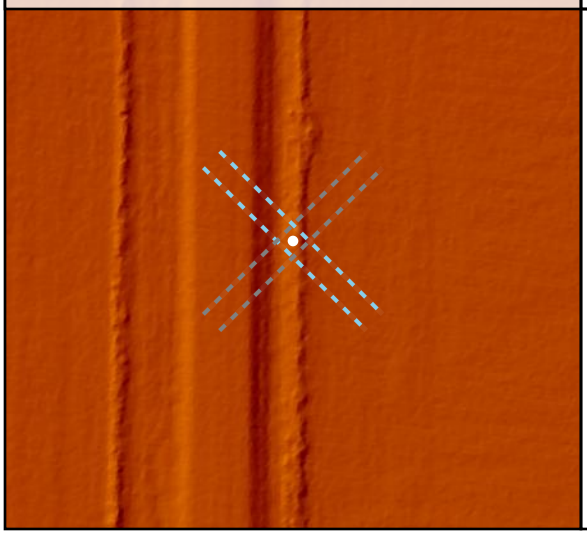
Southeast to Northwest



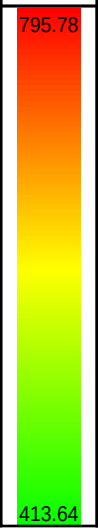
Intensity Raster



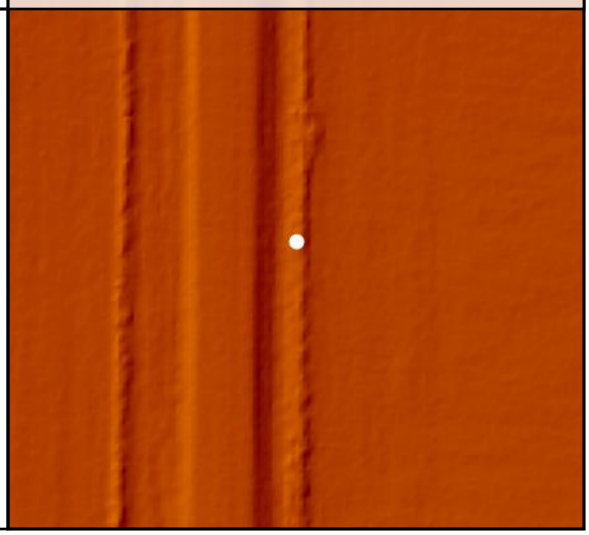
TIN Surface



Project Elevation

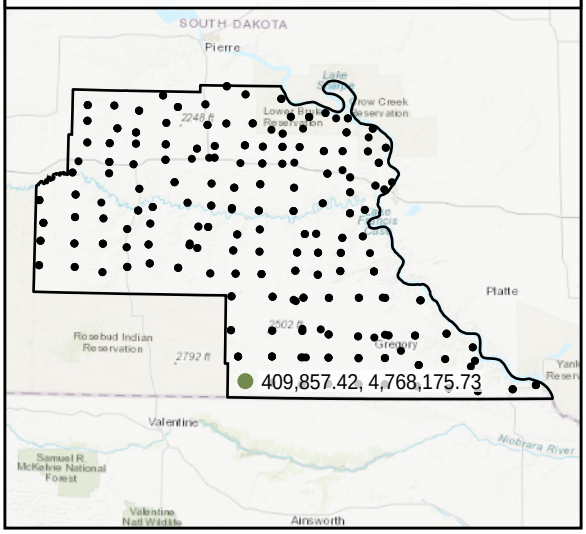


DEM Surface



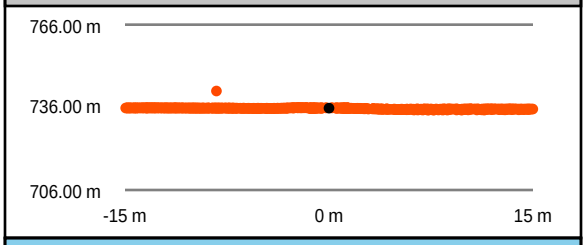
TW010				
	Known Z	735.71 m	Point Density	5.06 ppsm
	DEM Dz	0.10 m	Ground Density	4.99 ppsm
	Raw TIN Dz	N/A	Slope	4.02 °

Project Context

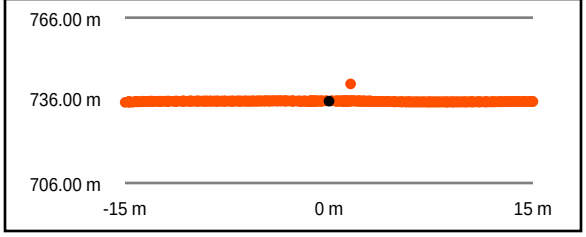


World Imagery

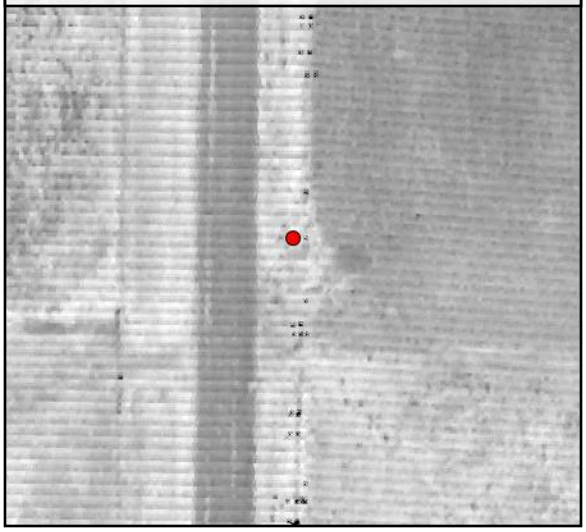
Southeast to Northwest



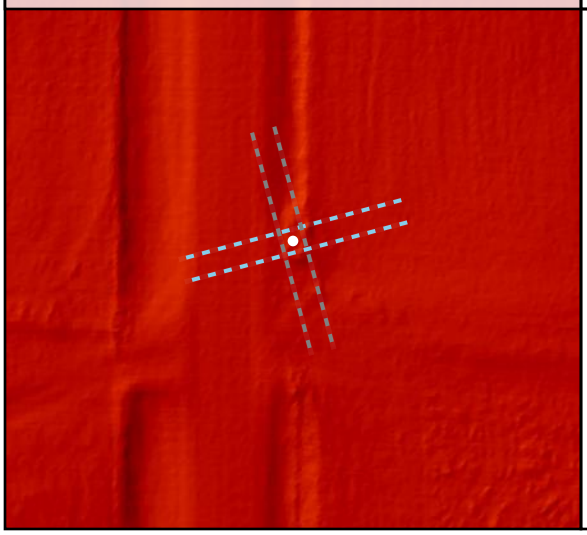
Southwest to Northeast



Intensity Raster

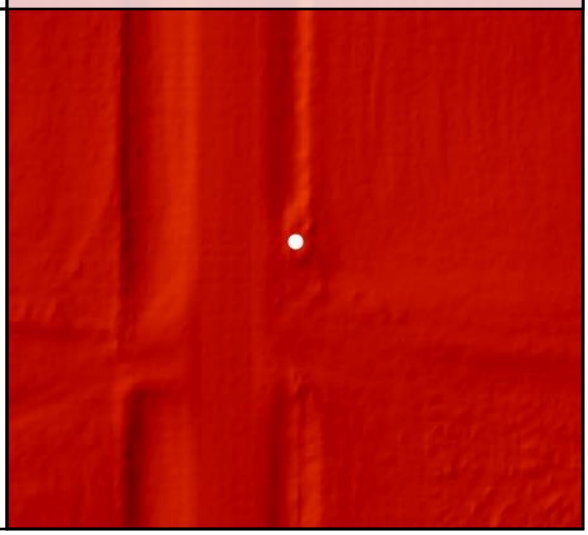


TIN Surface



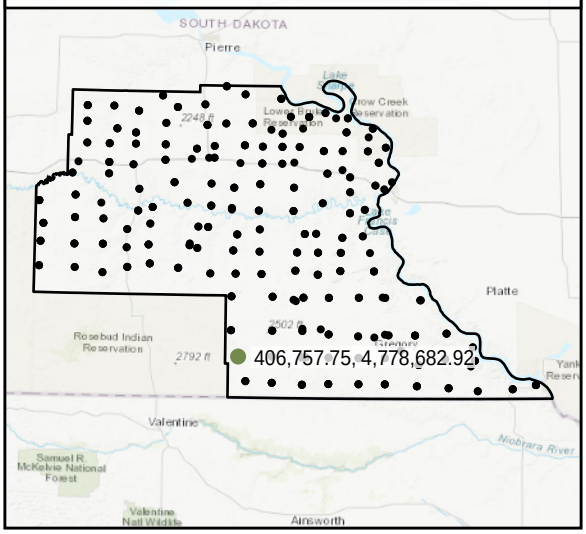
Project Elevation

DEM Surface

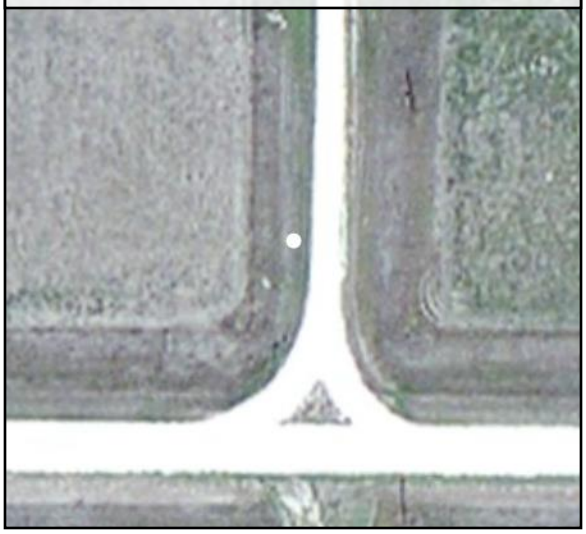


TW011				
	Known Z	710.58 m	Point Density	5.20 ppsm
	DEM Dz	0.02 m	Ground Density	5.20 ppsm
	Raw TIN Dz	N/A	Slope	3.25 °

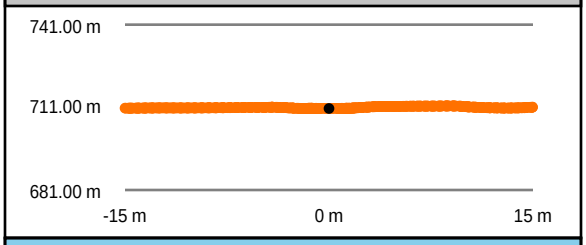
Project Context



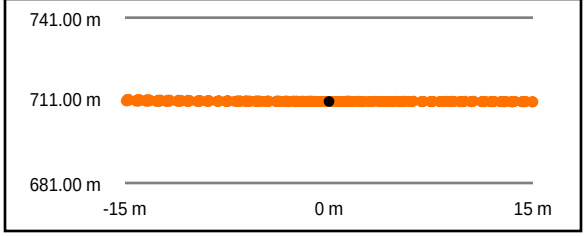
World Imagery



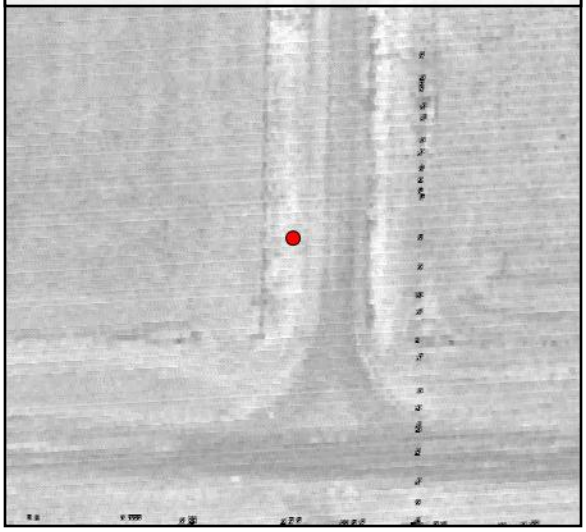
West to East



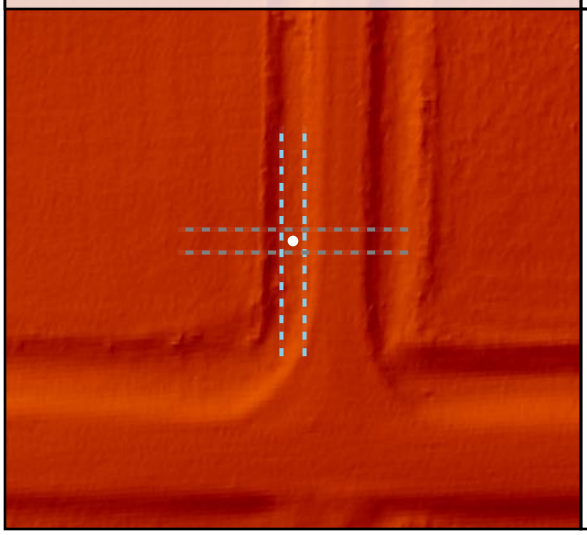
South to North



Intensity Raster

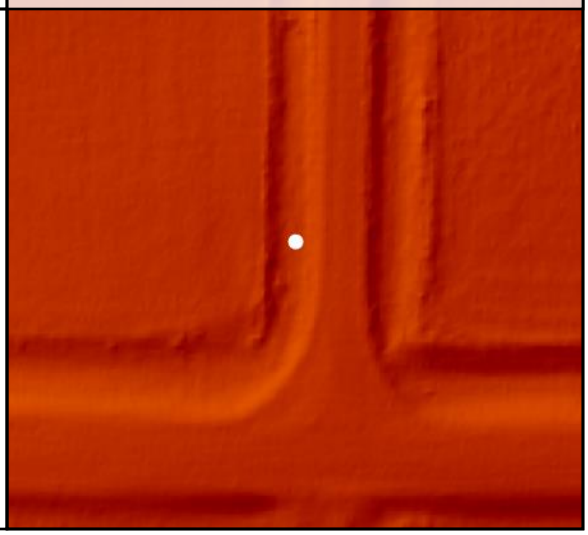


TIN Surface



Project Elevation

DEM Surface



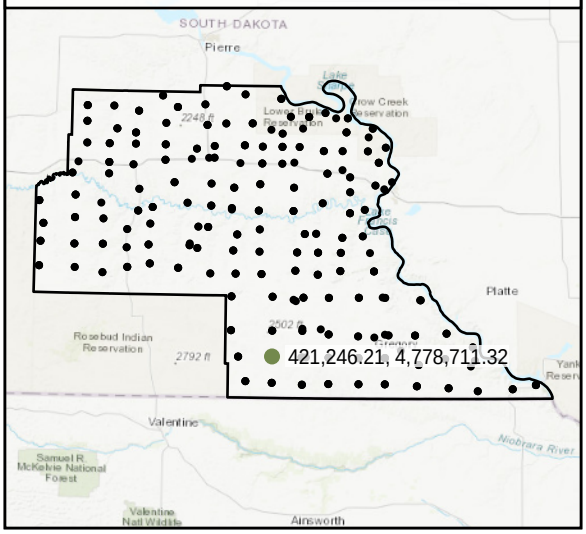
DEM Dz +0.02 m

VVA - TW011

TW012

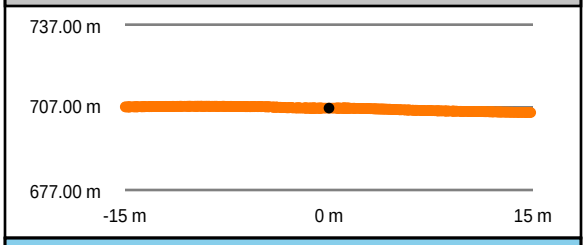
Known Z	706.73 m	Point Density	5.16 ppsm
DEM Dz	-0.01 m	Ground Density	5.16 ppsm
Raw TIN Dz	N/A	Slope	2.40 °

Project Context

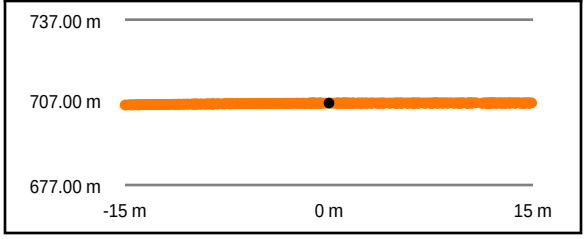


World Imagery

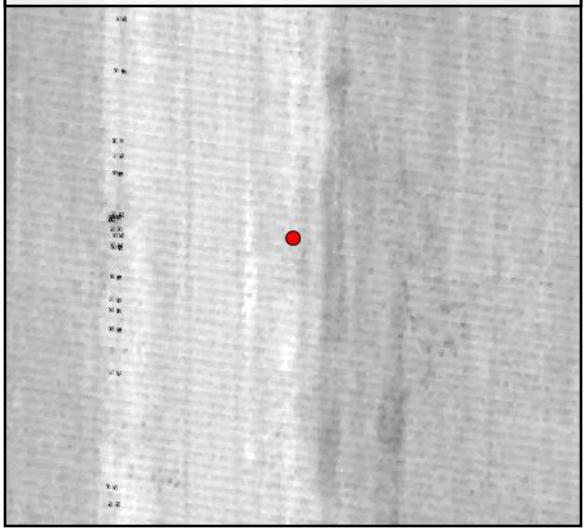
West to East



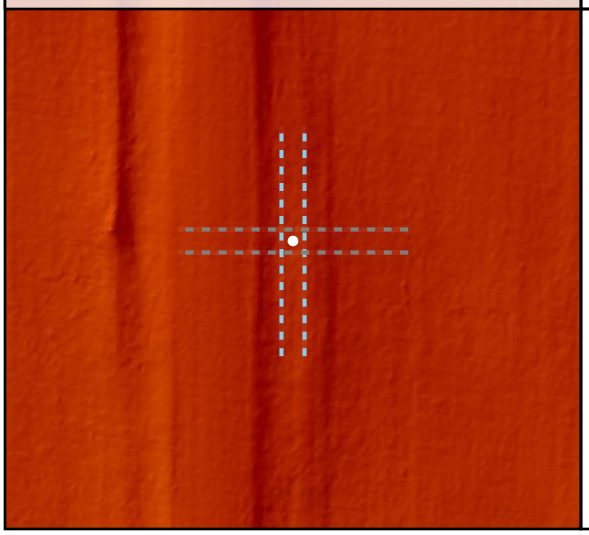
South to North



Intensity Raster

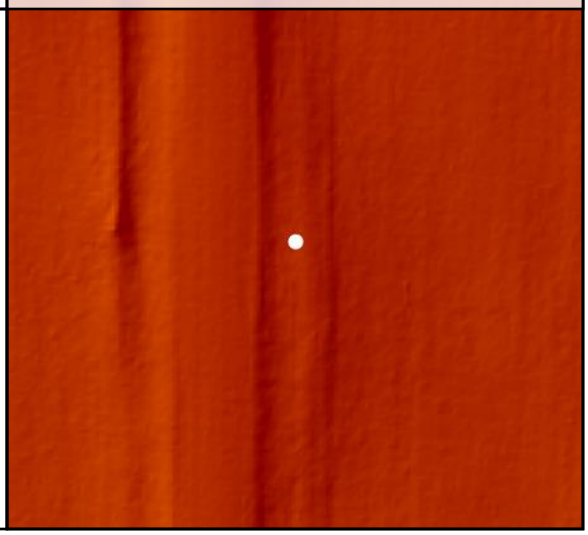


TIN Surface



Project Elevation

DEM Surface

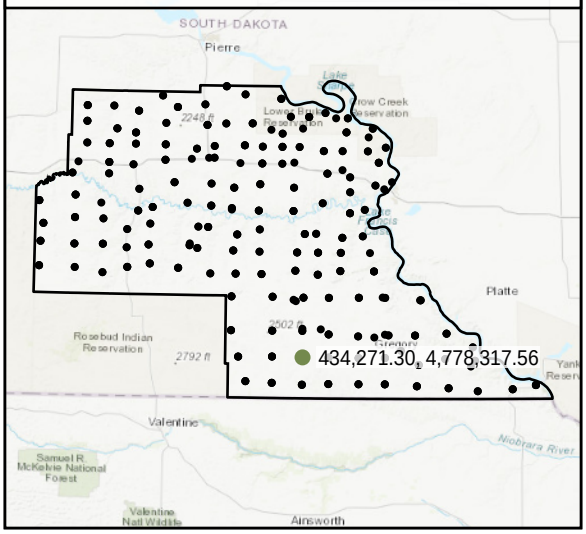


DEM Dz -0.01 m

VVA - TW012

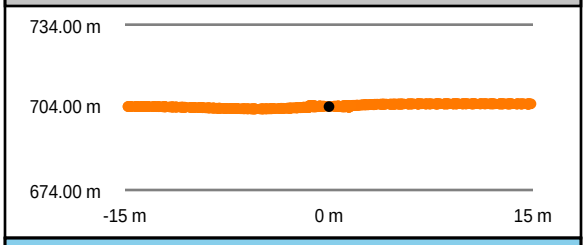
TW013				
	Known Z	704.26 m	Point Density	5.69 ppsm
	DEM Dz	0.13 m	Ground Density	5.69 ppsm
	Raw TIN Dz	N/A	Slope	12.77 °

Project Context

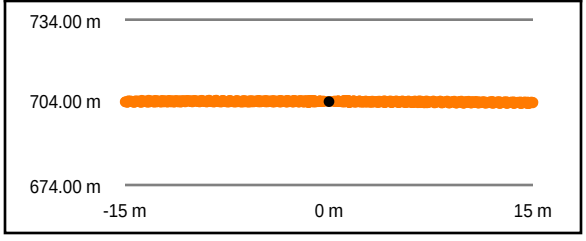


World Imagery

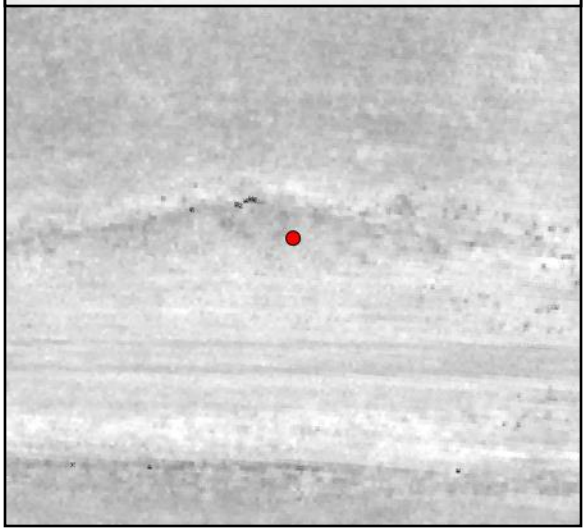
South to North



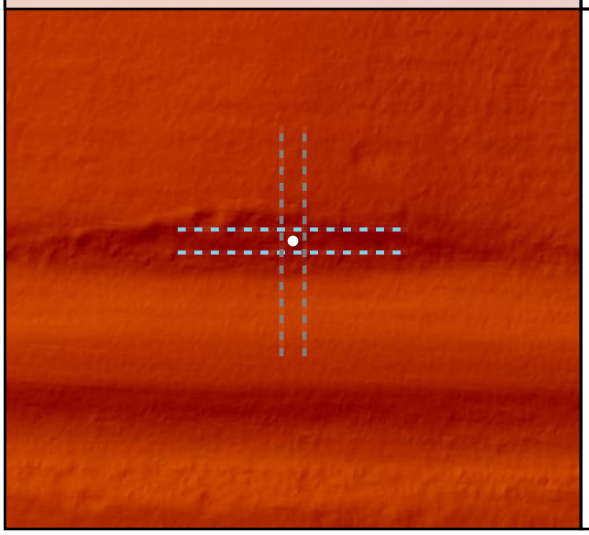
West to East



Intensity Raster

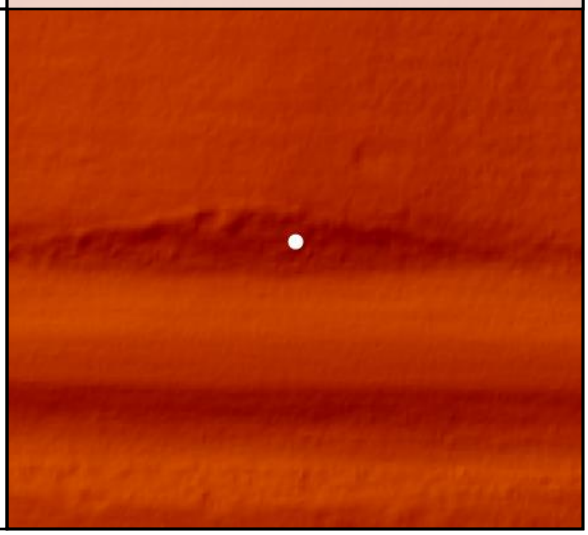


TIN Surface



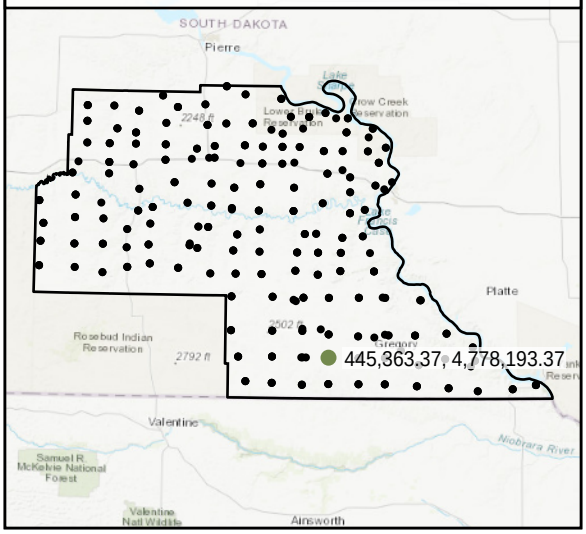
Project Elevation

DEM Surface



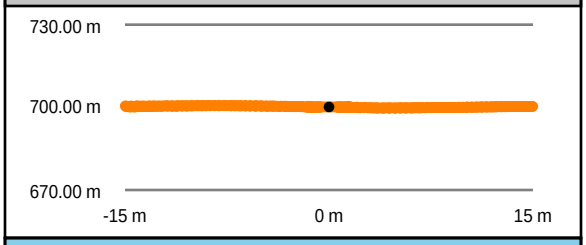
TW014				
	Known Z	700.13 m	Point Density	5.62 ppsm
	DEM Dz	0.01 m	Ground Density	5.62 ppsm
	Raw TIN Dz	N/A	Slope	7.62 °

Project Context

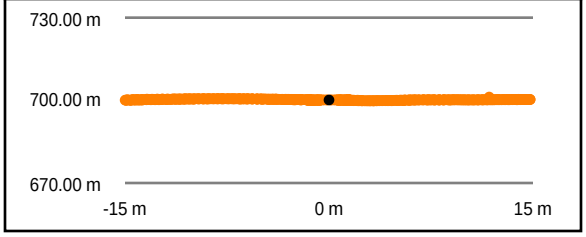


World Imagery

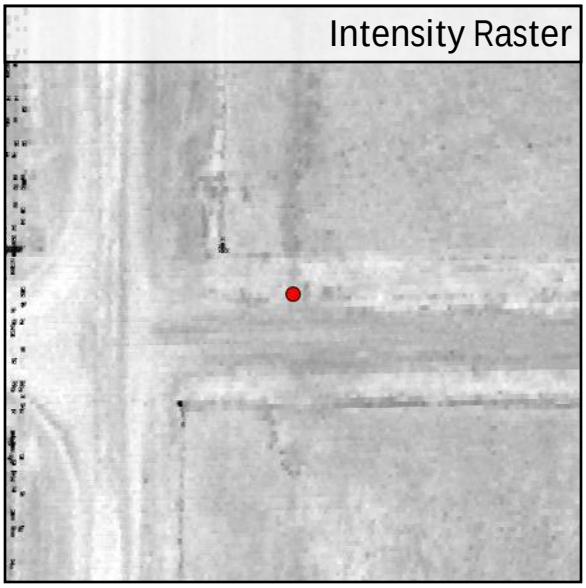
Southwest to Northeast



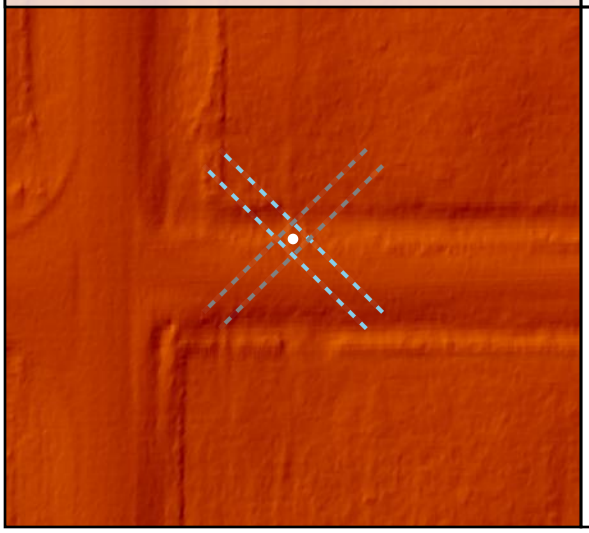
Southeast to Northwest



Intensity Raster

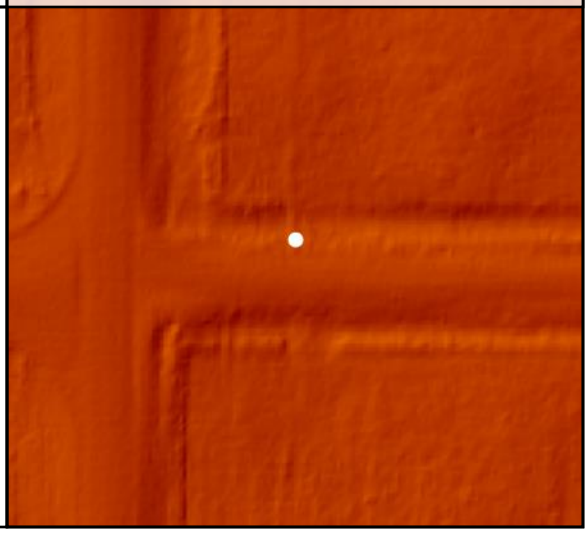


TIN Surface



Project Elevation

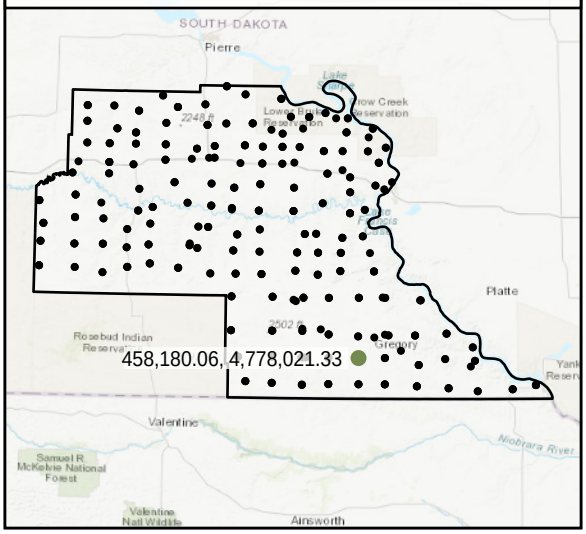
DEM Surface



TW015

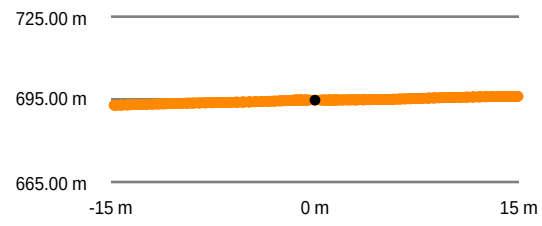
Known Z	694.70 m	Point Density	5.31 ppsm
DEM Dz	0.03 m	Ground Density	5.31 ppsm
Raw TIN Dz	N/A	Slope	5.44 °

Project Context

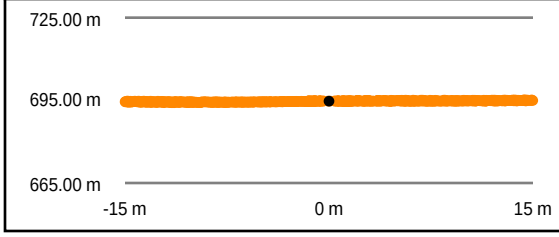


World Imagery

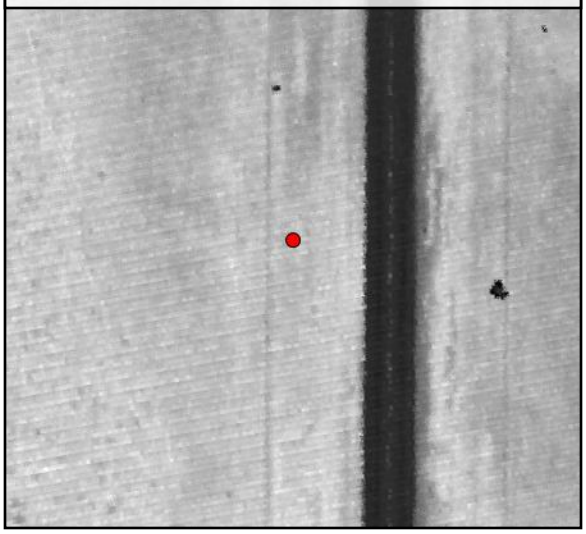
Southwest to Northeast



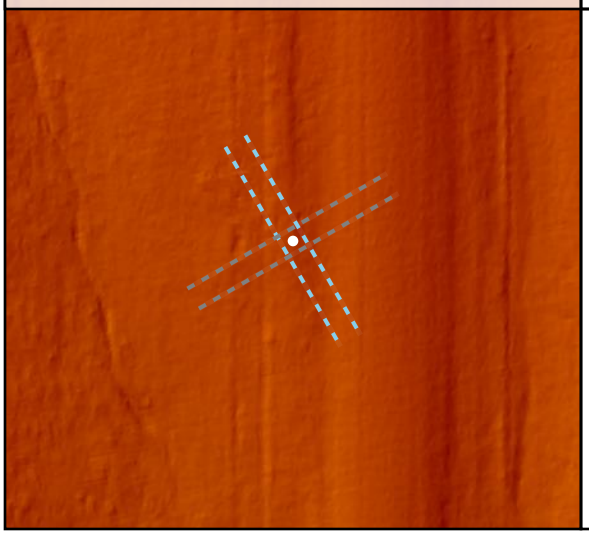
Southeast to Northwest



Intensity Raster



TIN Surface

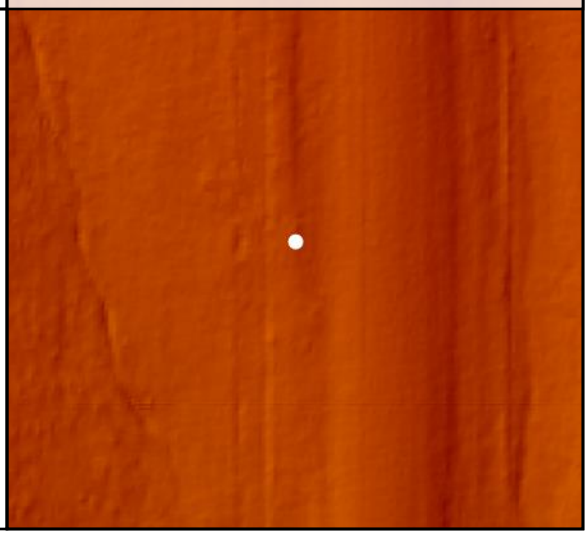


Project Elevation

795.78

413.64

DEM Surface



DEM Dz +0.03 m

VVA - TW015

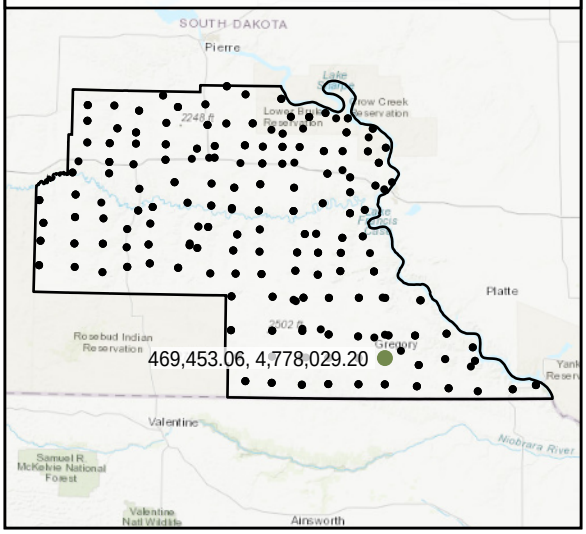
TW016

Known Z	633.91 m	Point Density	5.52 ppsm
DEM Dz	0.13 m	Ground Density	5.52 ppsm
Raw TIN Dz	N/A	Slope	4.63 °

DEM Dz +0.13 m

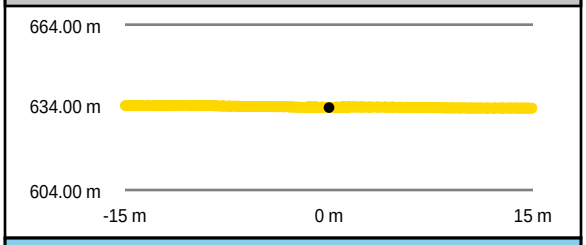
VVA - TW016

Project Context

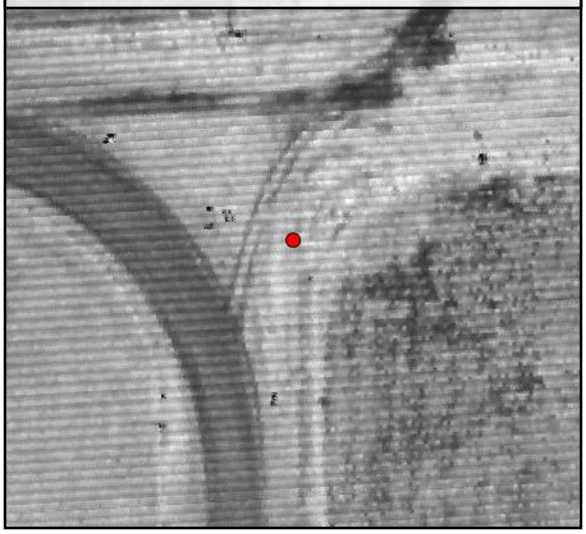


World Imagery

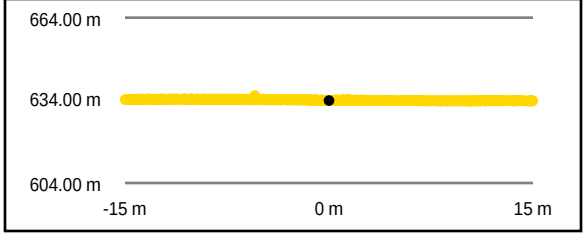
Southwest to Northeast



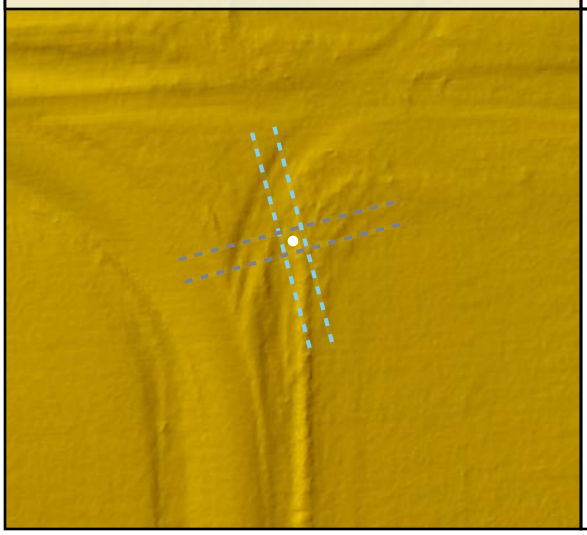
Intensity Raster



Southeast to Northwest



TIN Surface

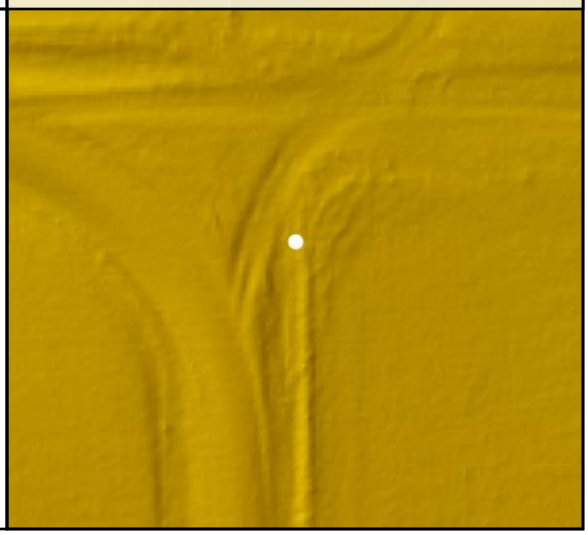


Project Elevation

795.78

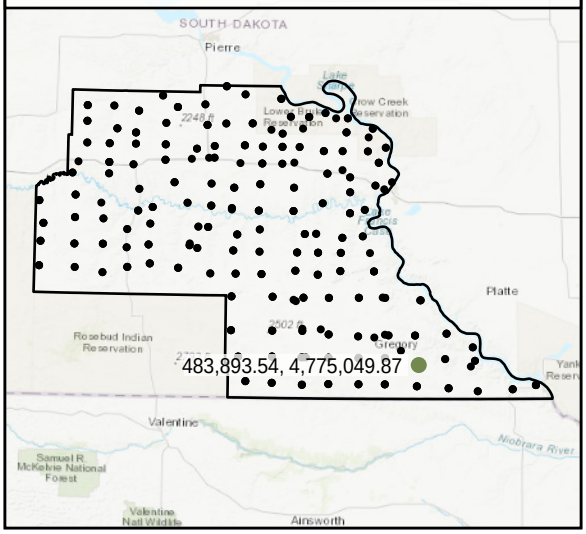
413.64

DEM Surface



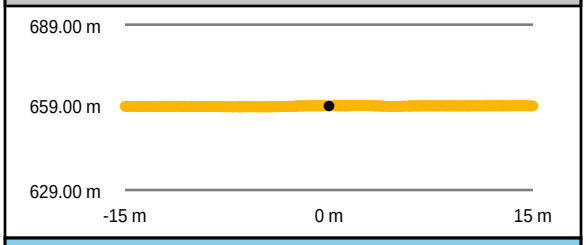
TW017				
	Known Z	659.49 m	Point Density	5.52 ppsm
	DEM Dz	0.07 m	Ground Density	5.52 ppsm
	Raw TIN Dz	N/A	Slope	2.25 °

Project Context

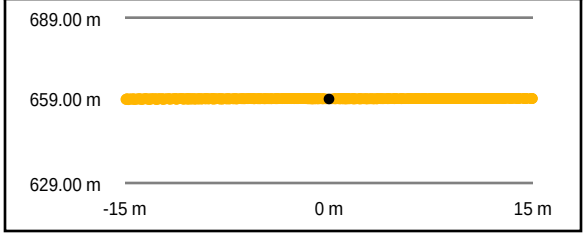


World Imagery

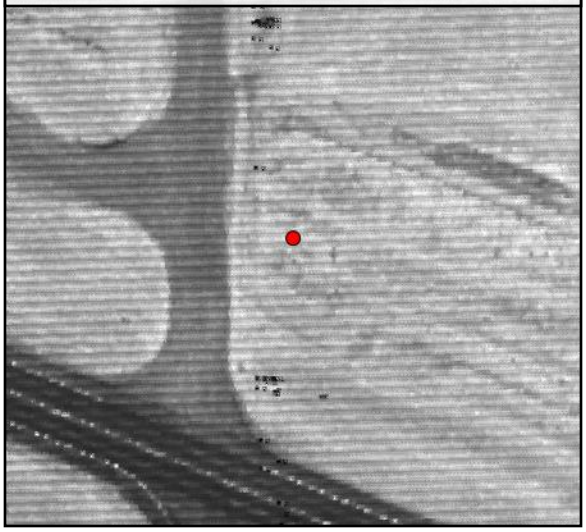
Southwest to Northeast



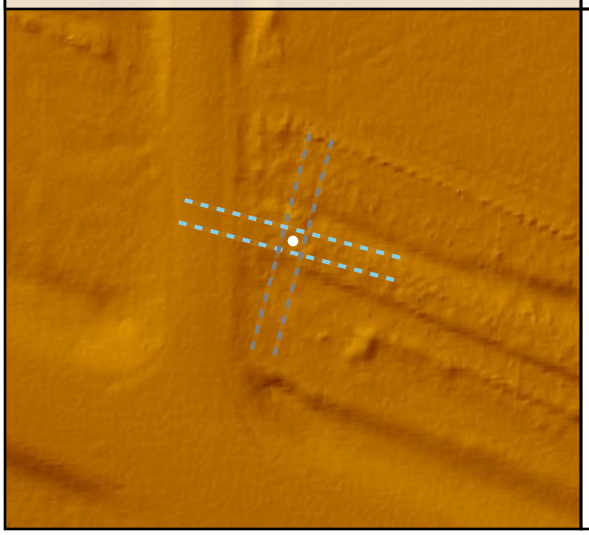
Southeast to Northwest



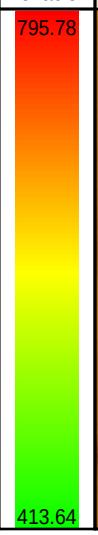
Intensity Raster



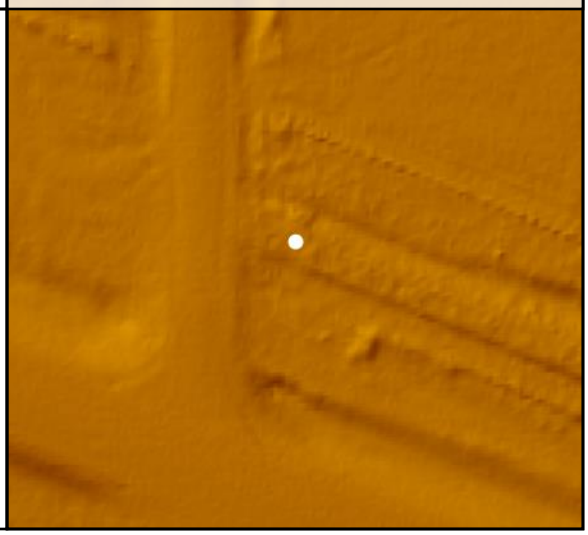
TIN Surface



Project Elevation



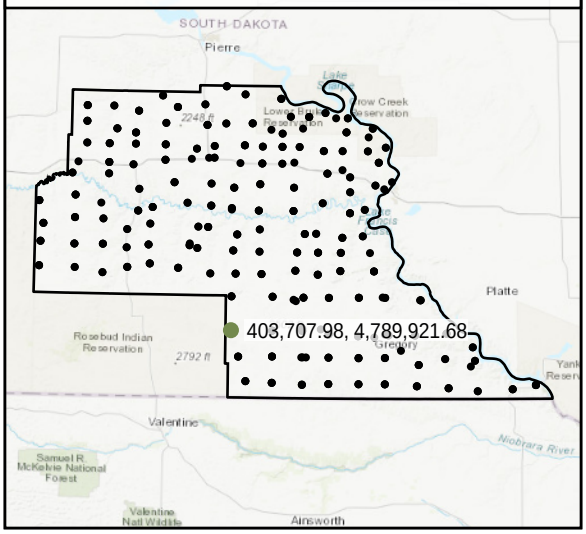
DEM Surface



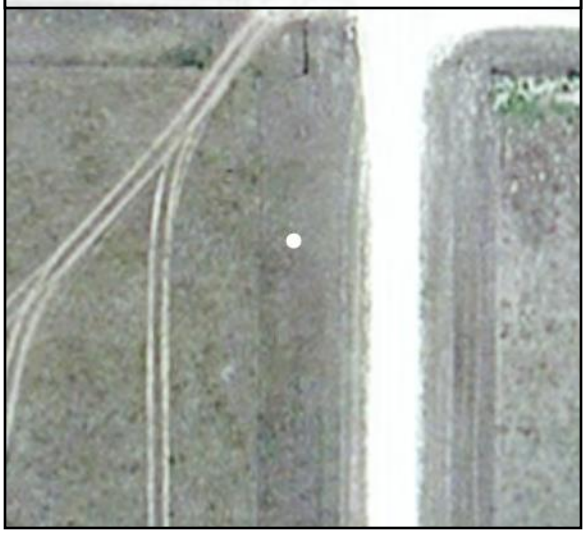
TW018

Known Z	761.05 m	Point Density	6.22 ppsm
DEM Dz	0.06 m	Ground Density	6.22 ppsm
Raw TIN Dz	N/A	Slope	9.74 °

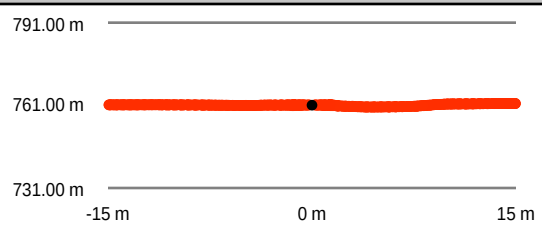
Project Context



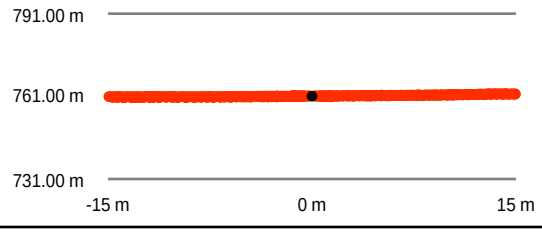
World Imagery



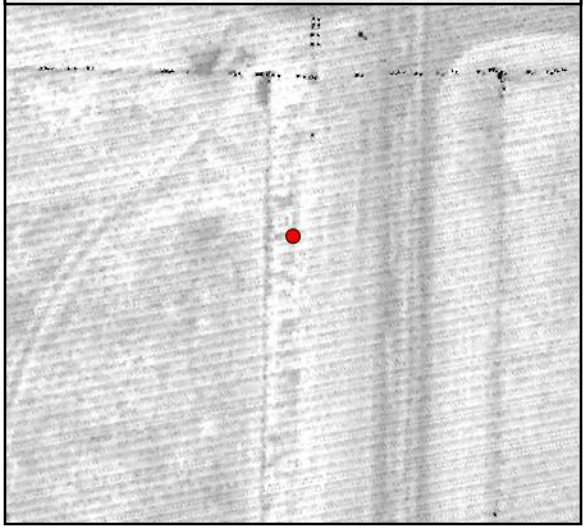
West to East



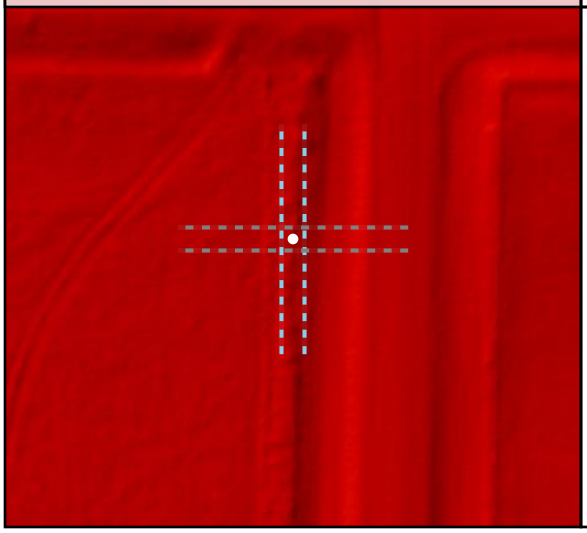
South to North



Intensity Raster

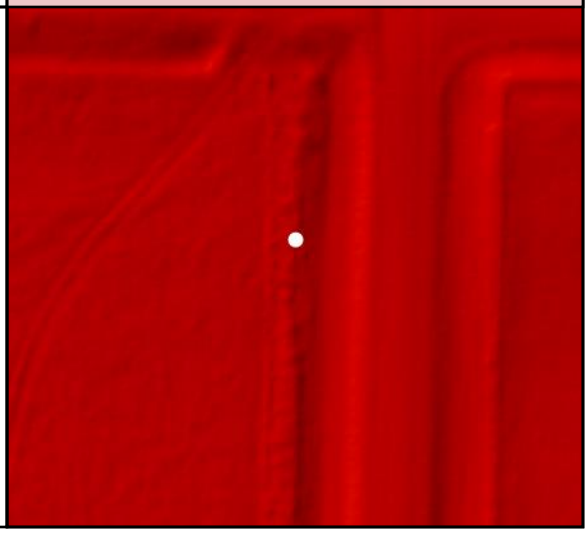


TIN Surface



Project Elevation

DEM Surface



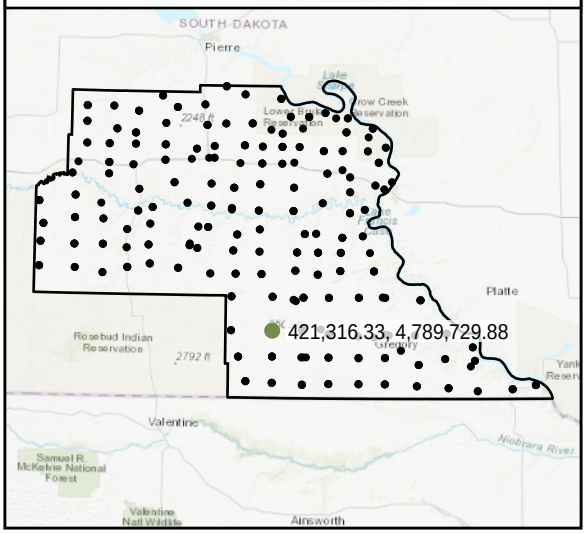
DEM Dz +0.06 m

VVA - TW018

TW019

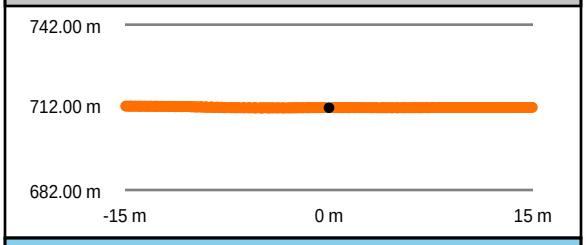
Known Z	711.86 m	Point Density	4.85 ppsm
DEM Dz	0.02 m	Ground Density	4.85 ppsm
Raw TIN Dz	N/A	Slope	1.59 °

Project Context

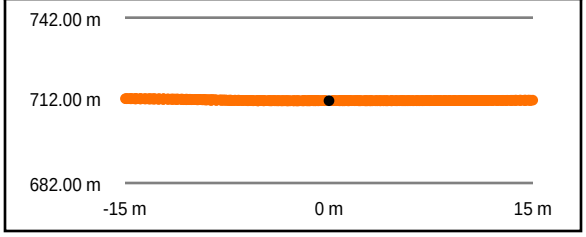


World Imagery

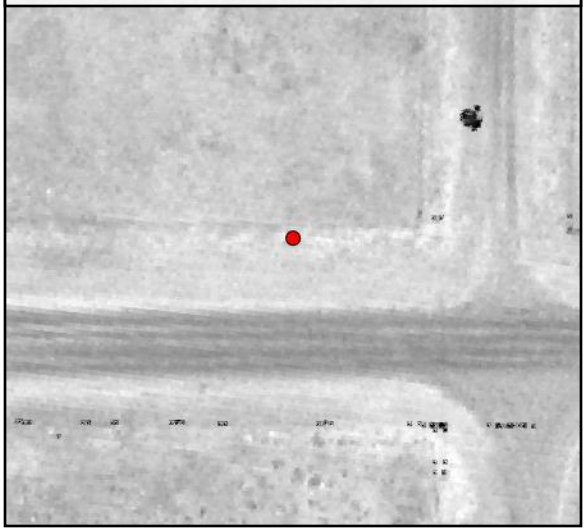
Southeast to Northwest



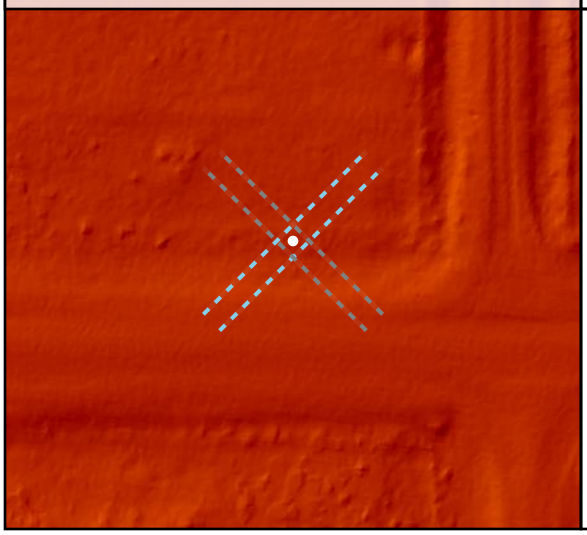
Southwest to Northeast



Intensity Raster

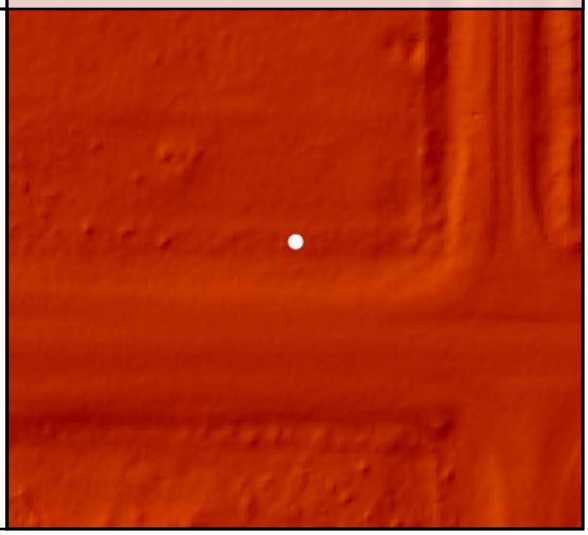


TIN Surface



Project Elevation

DEM Surface

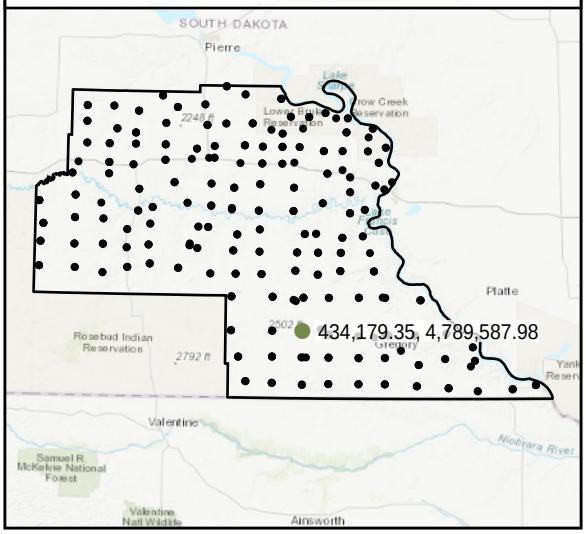


DEM Dz +0.02 m

VVA - TW019

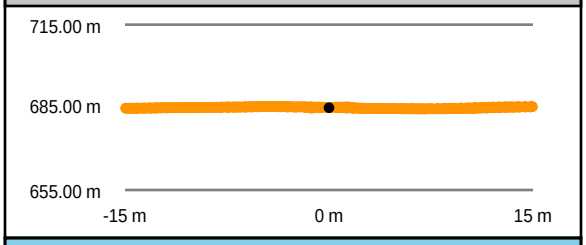
TW020				
	Known Z	684.86 m	Point Density	4.53 ppsm
	DEM Dz	0.12 m	Ground Density	4.53 ppsm
	Raw TIN Dz	N/A	Slope	10.12 °

Project Context

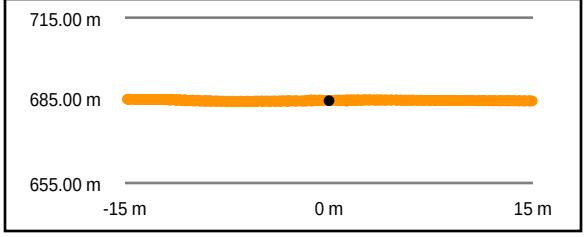


World Imagery

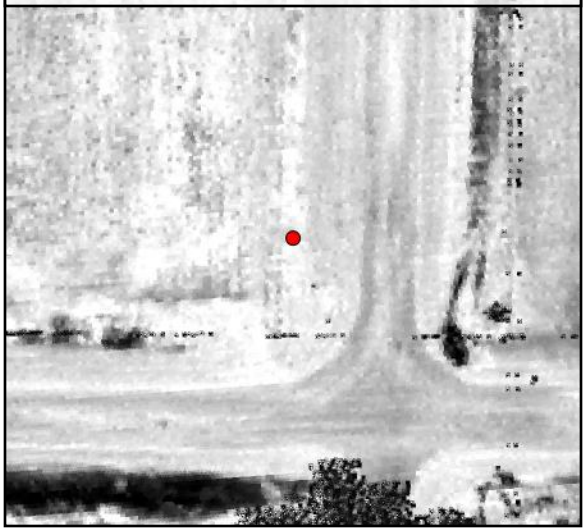
Southwest to Northeast



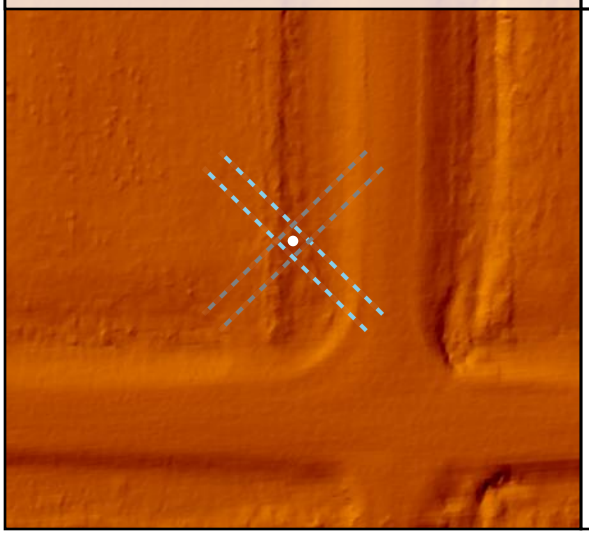
Southeast to Northwest



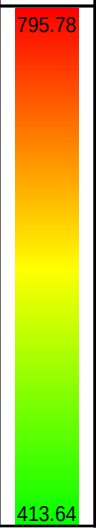
Intensity Raster



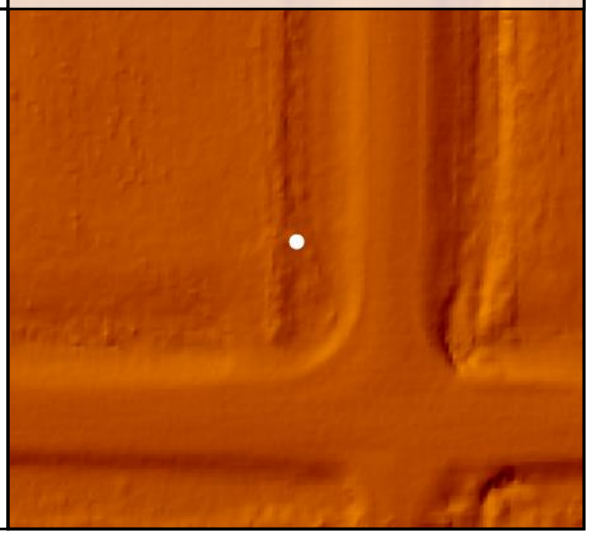
TIN Surface



Project Elevation



DEM Surface



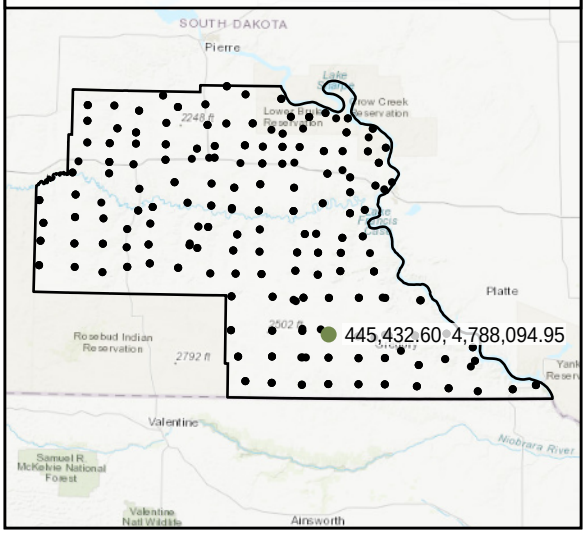
DEM Dz +0.12 m

VVA - TW020

TW021

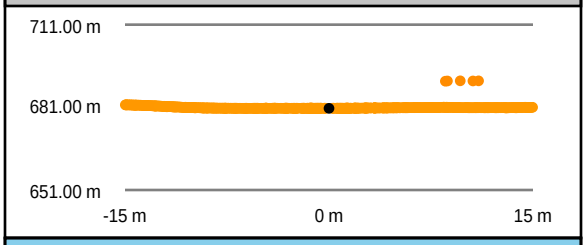
Known Z	680.64 m	Point Density	5.52 ppsm
DEM Dz	0.03 m	Ground Density	5.52 ppsm
Raw TIN Dz	N/A	Slope	0.19 °

Project Context

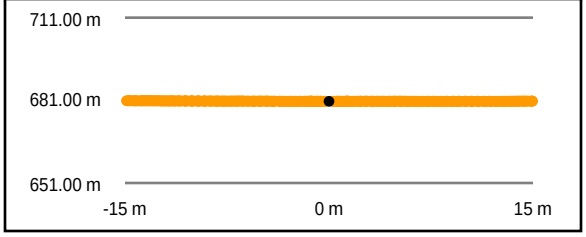


World Imagery

Southwest to Northeast

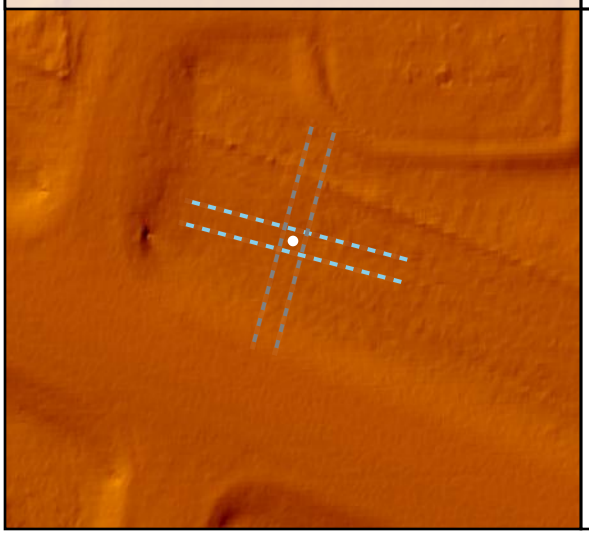


Southeast to Northwest



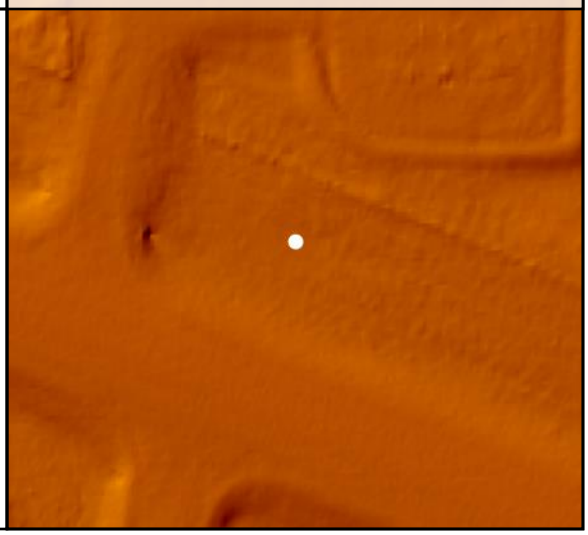
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

VVA - TW021

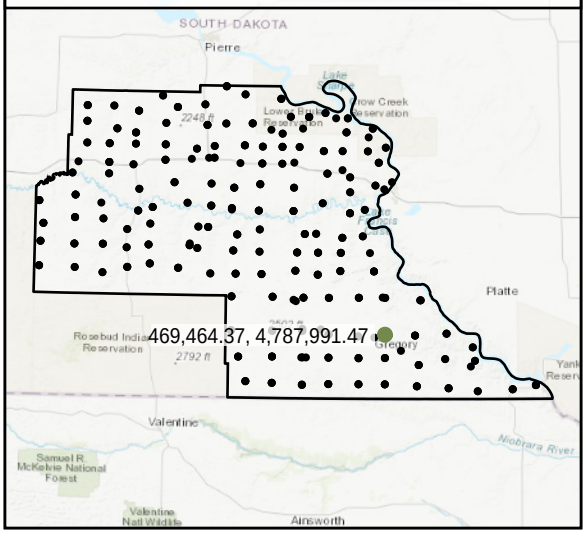
TW022

Known Z	658.25 m	Point Density	5.02 ppsm
DEM Dz	0.13 m	Ground Density	5.02 ppsm
Raw TIN Dz	N/A	Slope	2.68 °

DEM Dz +0.13 m

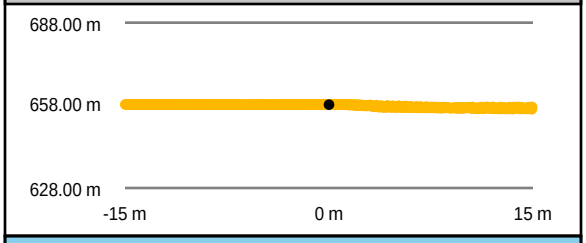
VVA - TW022

Project Context

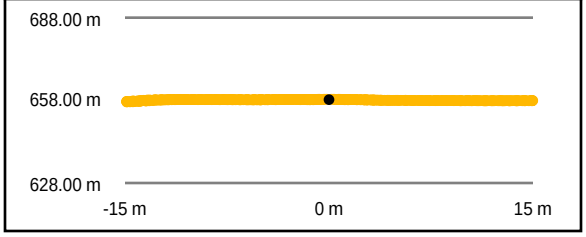


World Imagery

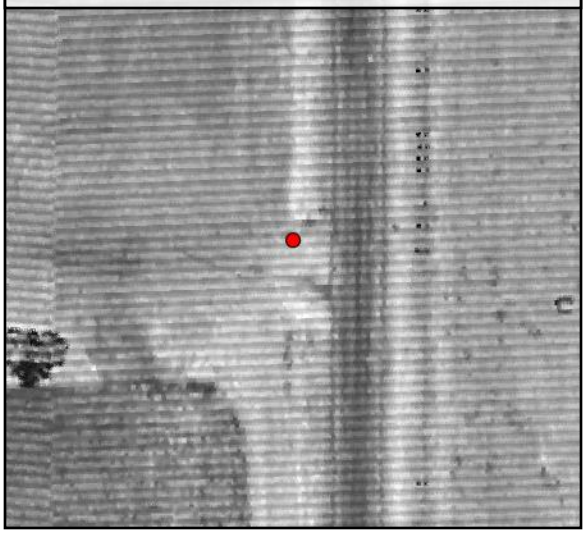
Southwest to Northeast



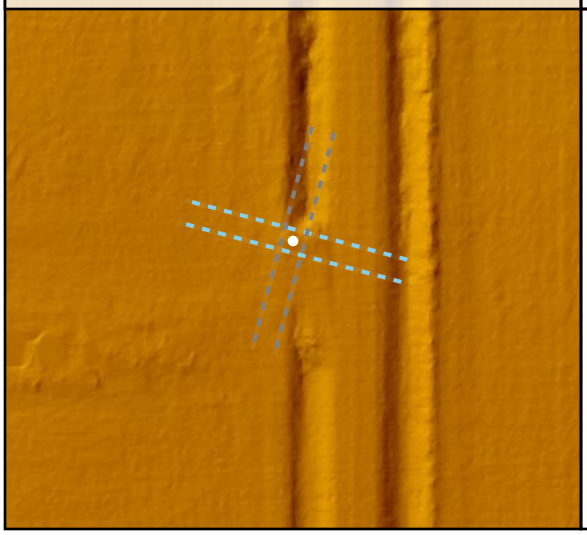
Southeast to Northwest



Intensity Raster

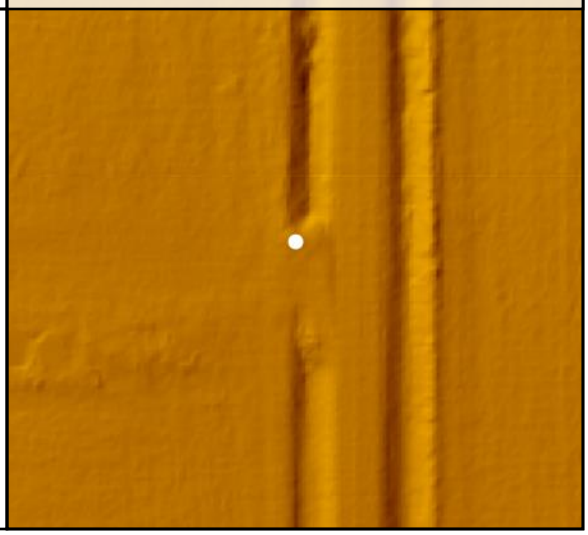


TIN Surface



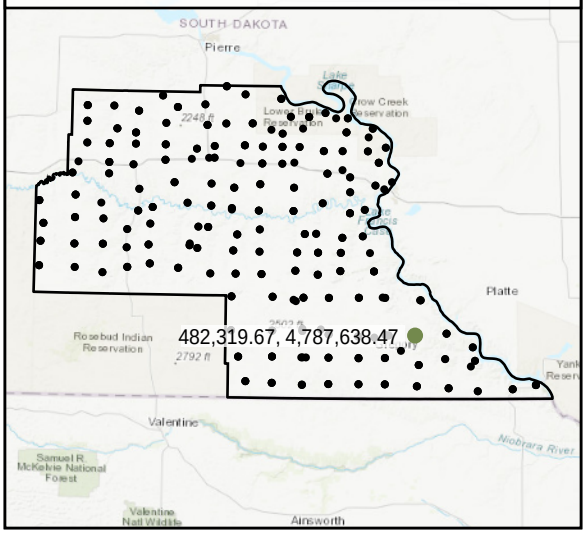
Project Elevation

DEM Surface



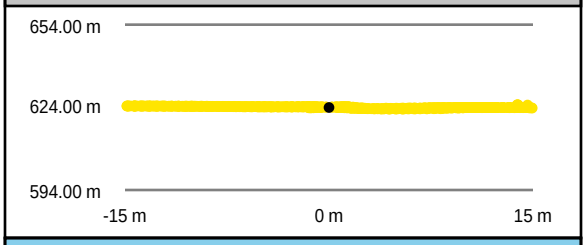
TW023				
	Known Z	623.94 m	Point Density	5.45 ppsm
	DEM Dz	0.16 m	Ground Density	5.41 ppsm
	Raw TIN Dz	N/A	Slope	9.23 °

Project Context

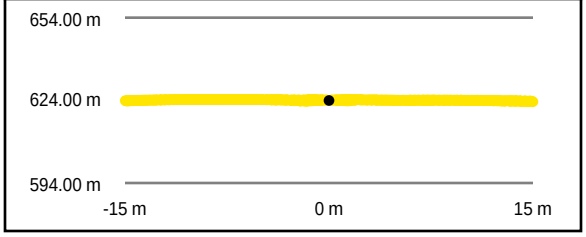


World Imagery

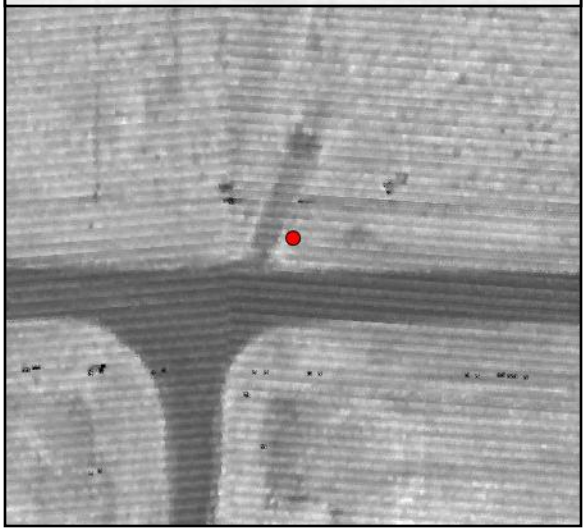
Southwest to Northeast



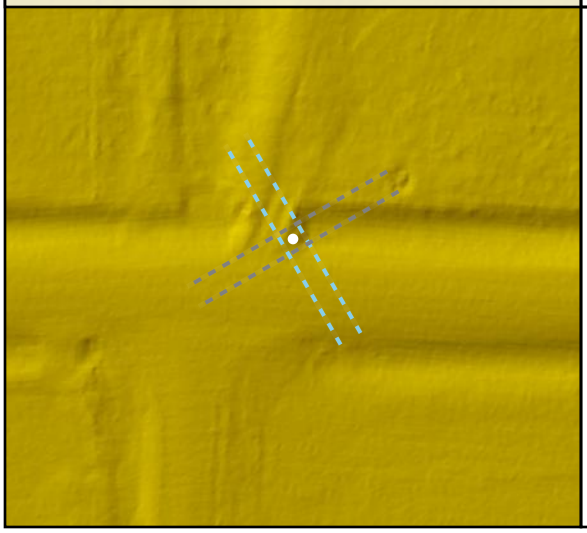
Southeast to Northwest



Intensity Raster

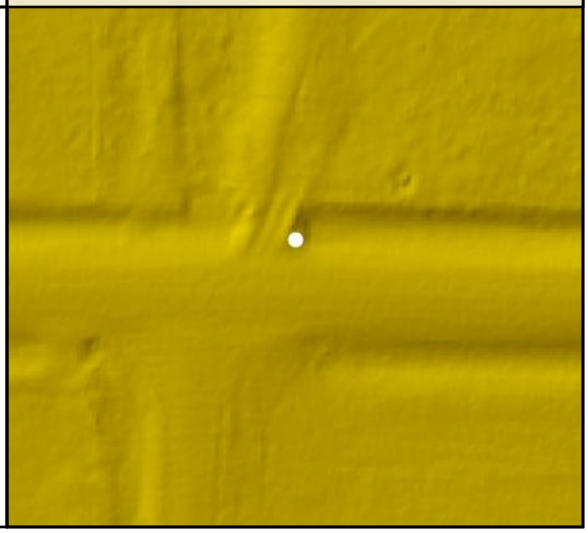


TIN Surface



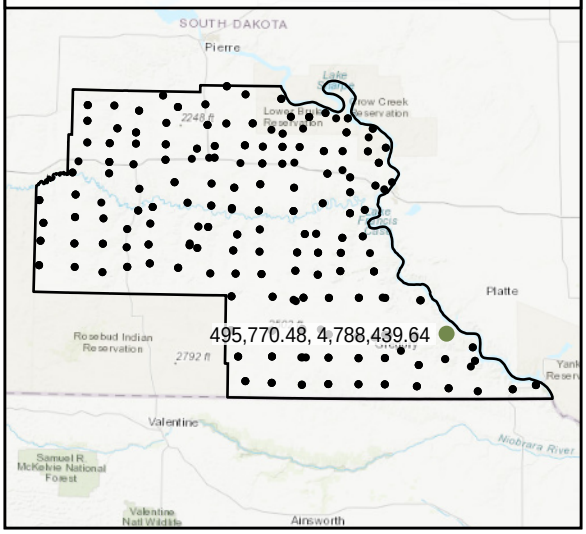
Project Elevation

DEM Surface



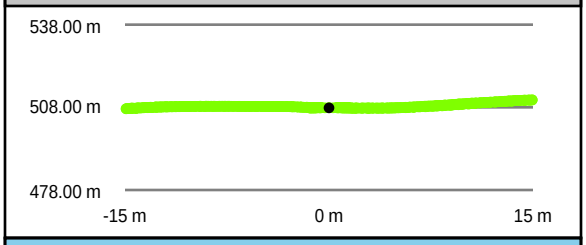
TW024				
	Known Z	507.81 m	Point Density	4.95 ppsm
	DEM Dz	0.05 m	Ground Density	4.95 ppsm
	Raw TIN Dz	N/A	Slope	6.37 °

Project Context

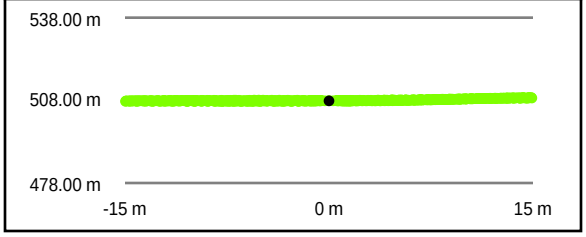


World Imagery

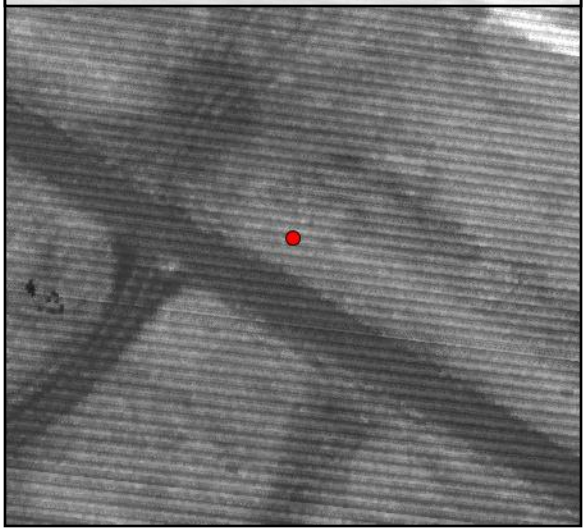
Southwest to Northeast



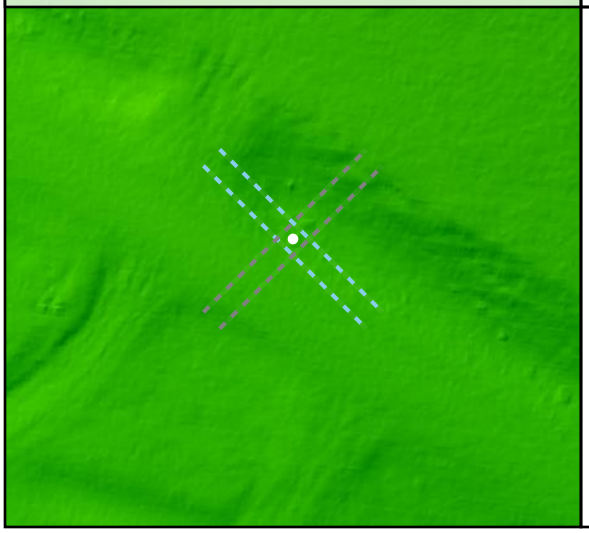
Southeast to Northwest



Intensity Raster

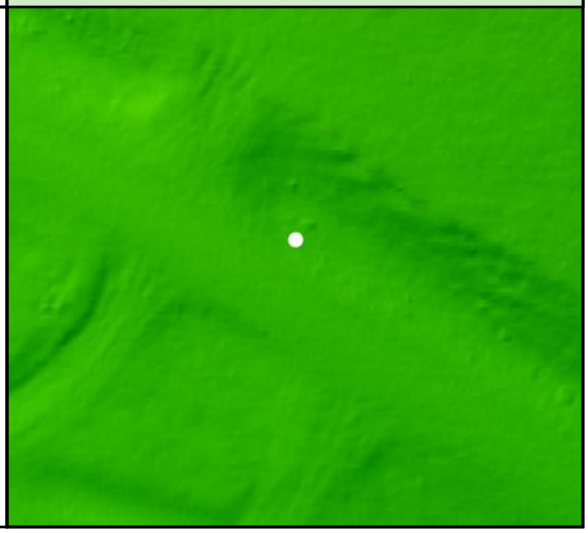


TIN Surface



Project Elevation

DEM Surface

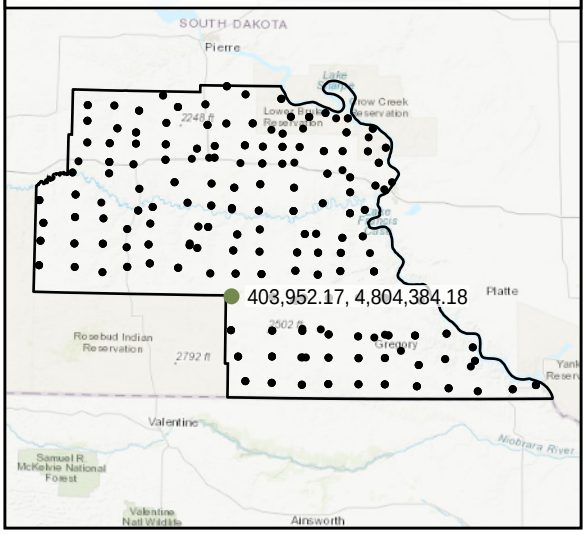


DEM Dz +0.05 m

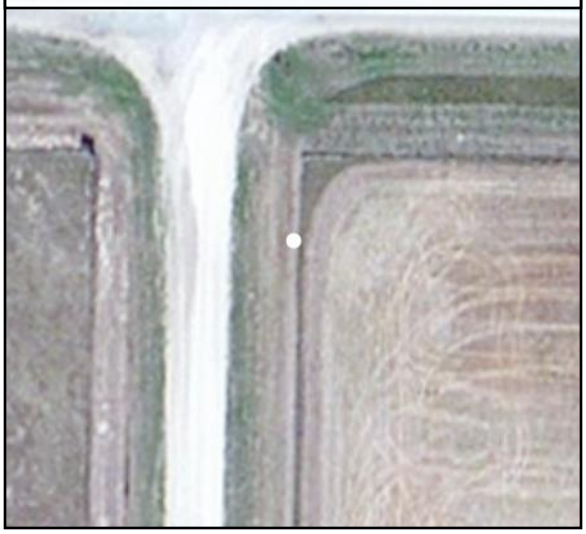
VVA - TW024

TW025				
	Known Z	660.53 m	Point Density	5.80 ppsm
	DEM Dz	0.15 m	Ground Density	5.80 ppsm
	Raw TIN Dz	N/A	Slope	5.59 °

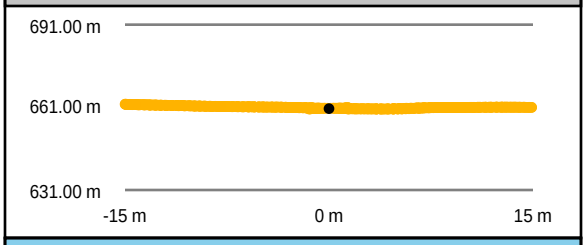
Project Context



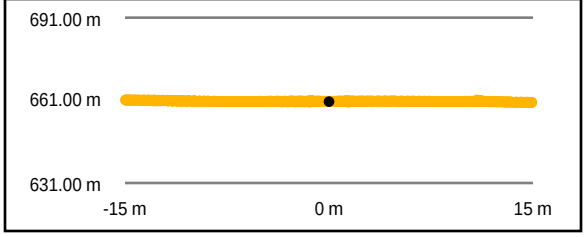
World Imagery



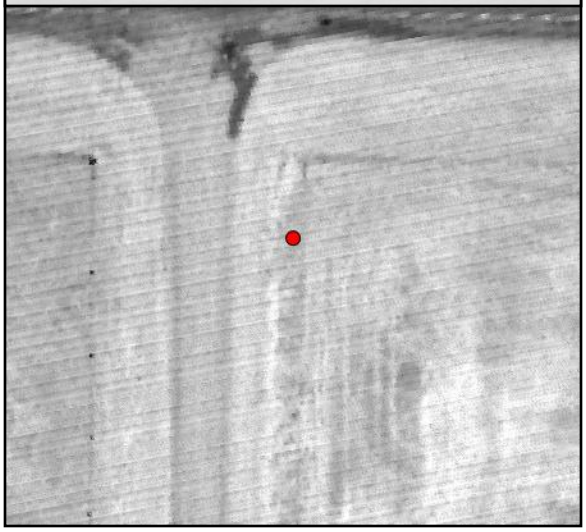
Southeast to Northwest



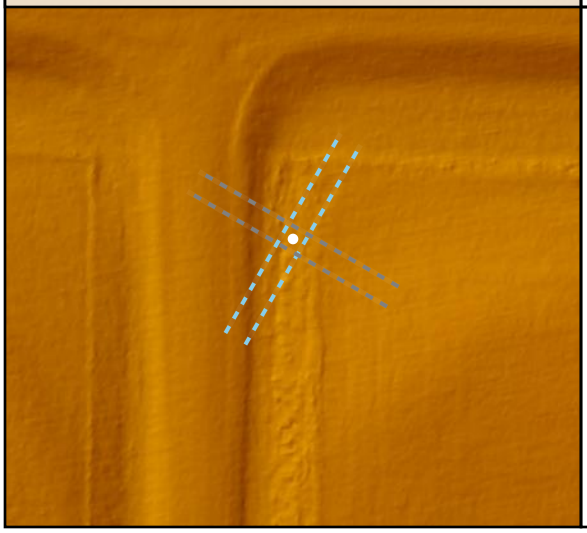
Southwest to Northeast



Intensity Raster

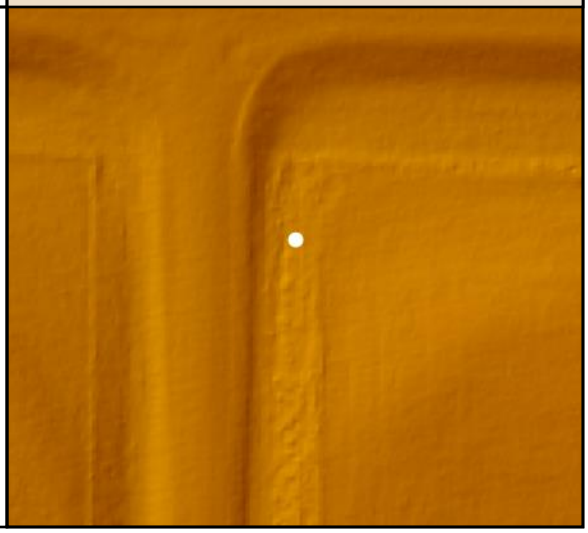


TIN Surface



Project Elevation

DEM Surface



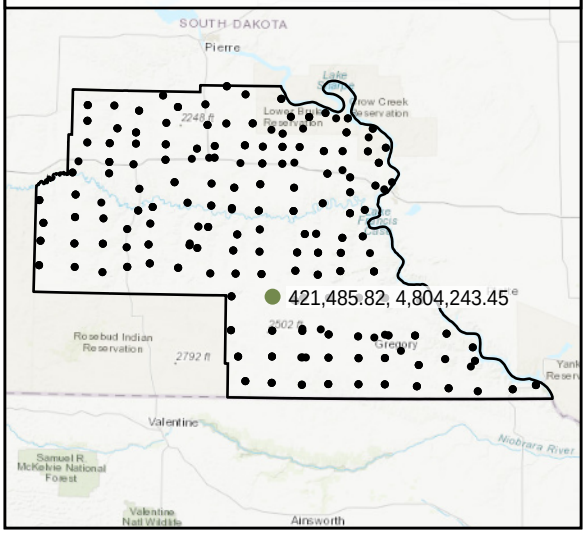
TW026

Known Z	607.69 m	Point Density	4.81 ppsm
DEM Dz	0.22 m	Ground Density	2.55 ppsm
Raw TIN Dz	N/A	Slope	6.31 °

DEM Dz +0.22 m

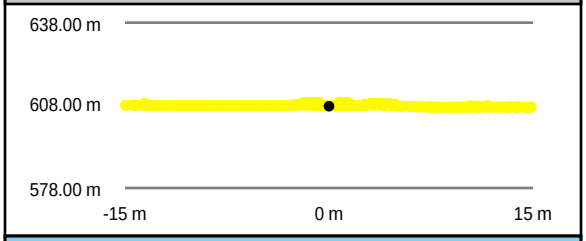
VVA - TW026

Project Context

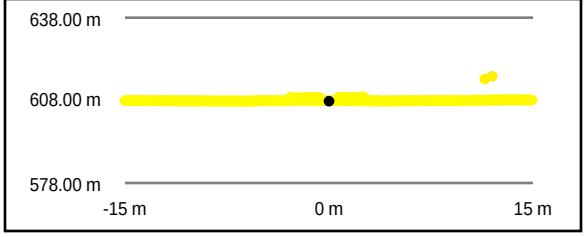


World Imagery

South to North

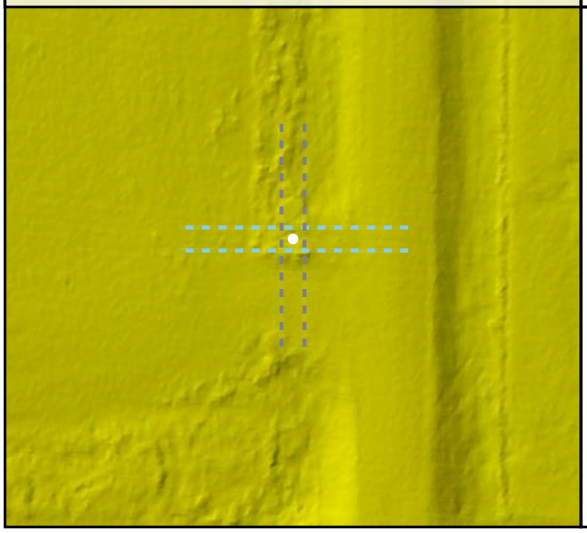


West to East



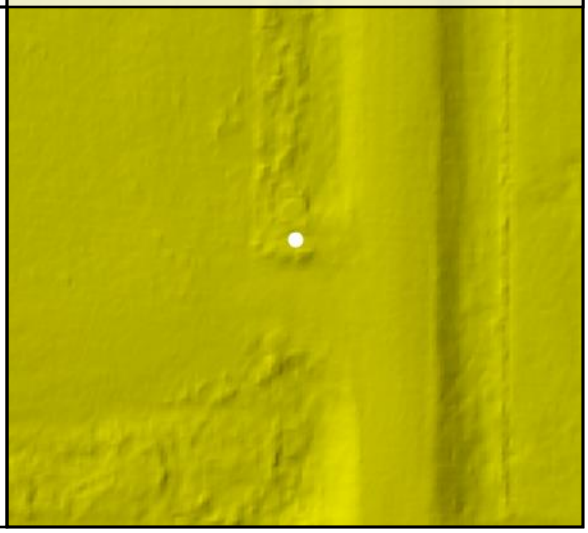
Intensity Raster

TIN Surface



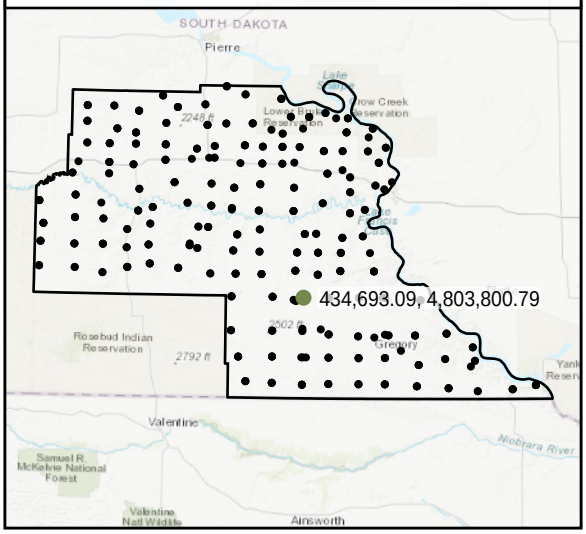
Project Elevation

DEM Surface



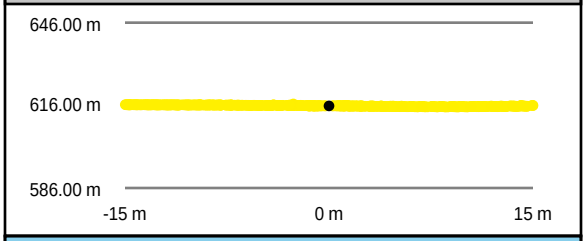
TW027				
	Known Z	615.79 m	Point Density	5.13 ppsm
	DEM Dz	0.02 m	Ground Density	5.02 ppsm
	Raw TIN Dz	N/A	Slope	3.96 °

Project Context

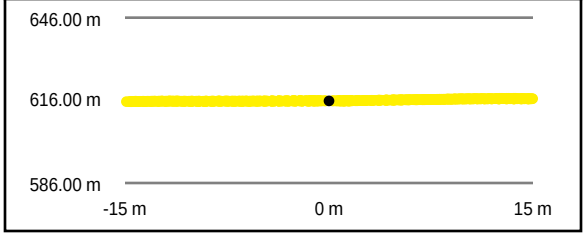


World Imagery

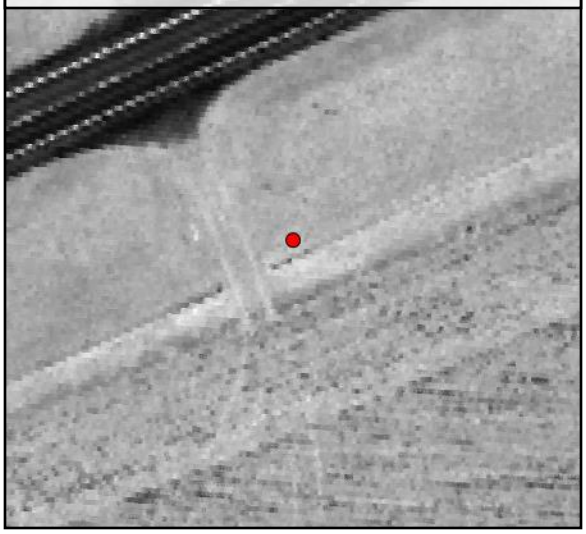
Southwest to Northeast



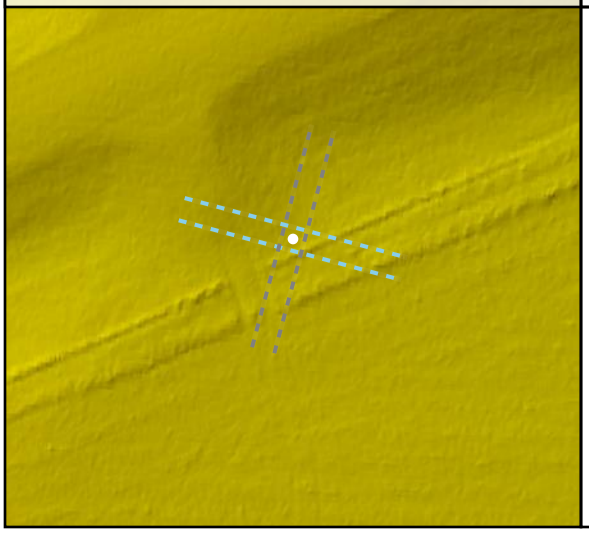
Southeast to Northwest



Intensity Raster

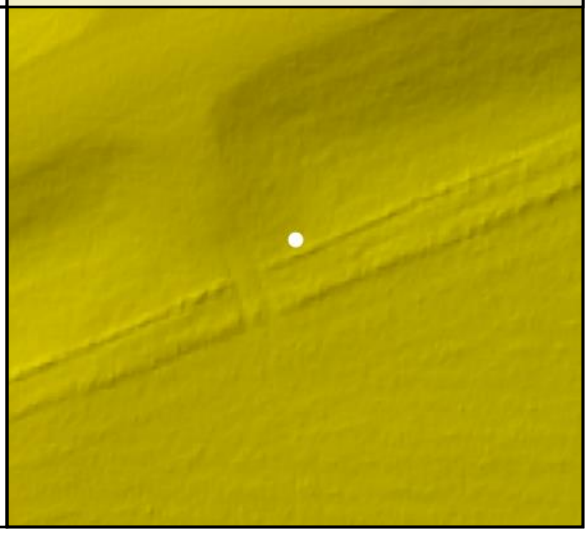


TIN Surface



Project Elevation

DEM Surface



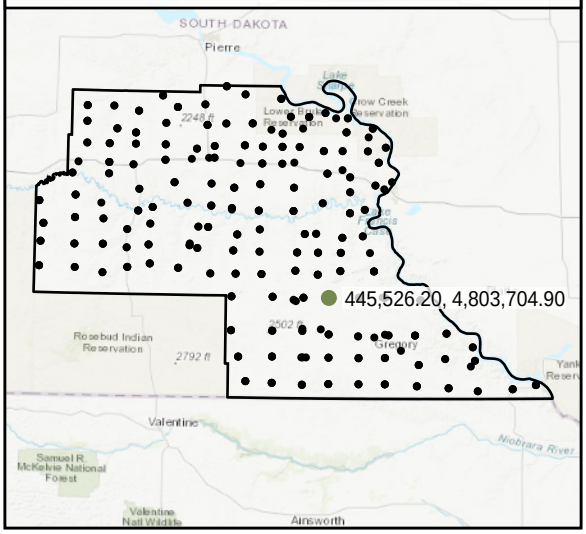
TW028

Known Z	605.03 m	Point Density	5.41 ppsm
DEM Dz	0.12 m	Ground Density	5.41 ppsm
Raw TIN Dz	N/A	Slope	1.65 °

DEM Dz +0.12 m

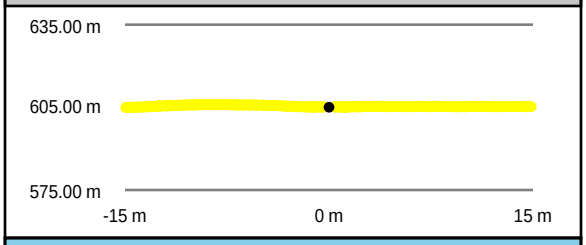
VVA - TW028

Project Context

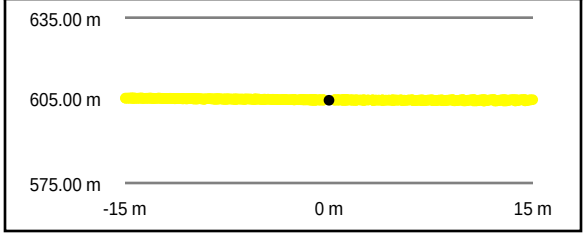


World Imagery

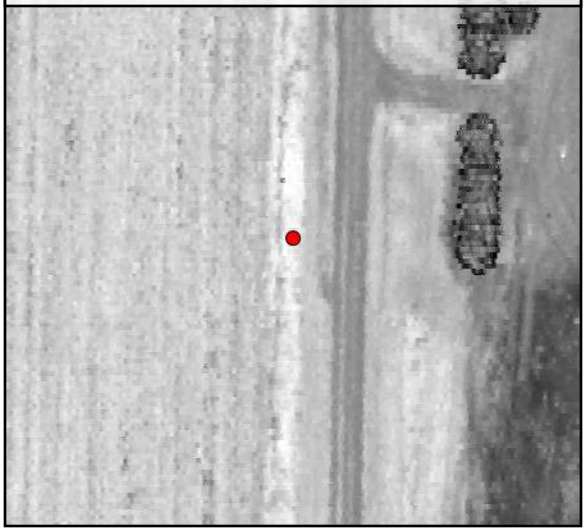
Southeast to Northwest



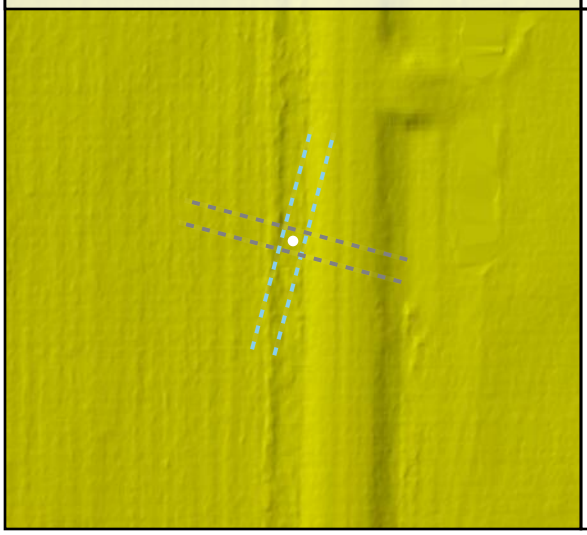
Southwest to Northeast



Intensity Raster

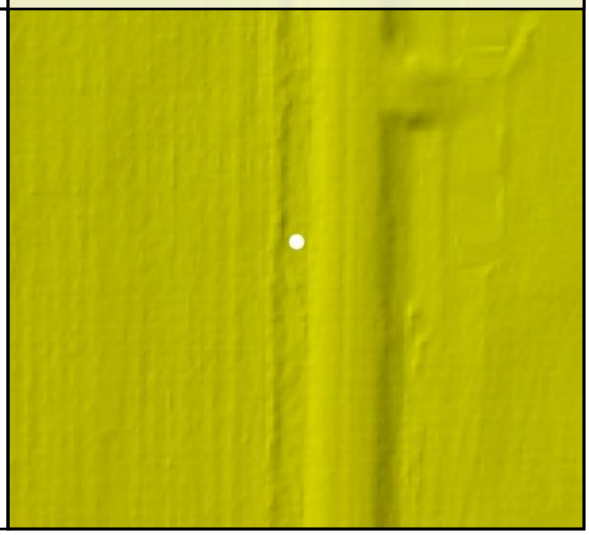


TIN Surface



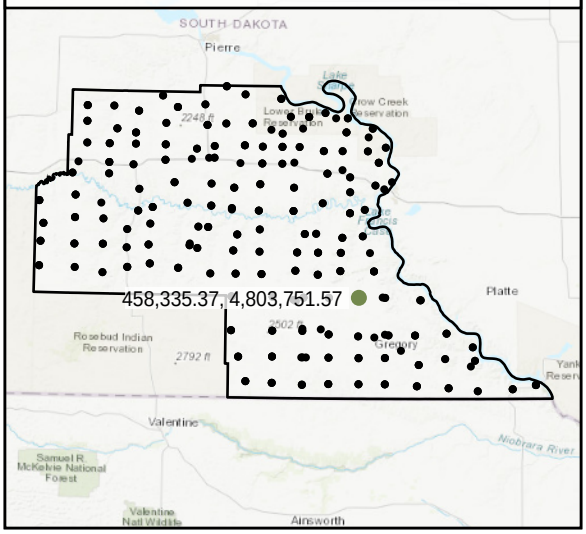
Project Elevation

DEM Surface



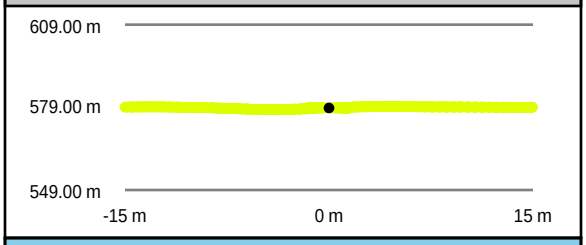
TW029				
	Known Z	578.77 m	Point Density	5.23 ppsm
	DEM Dz	0.04 m	Ground Density	5.23 ppsm
	Raw TIN Dz	N/A	Slope	8.08 °

Project Context

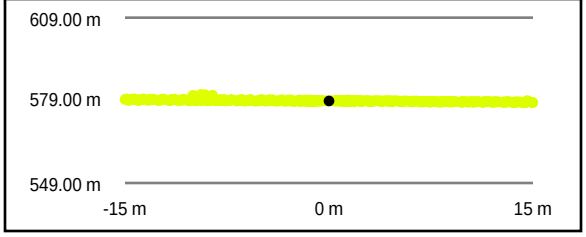


World Imagery

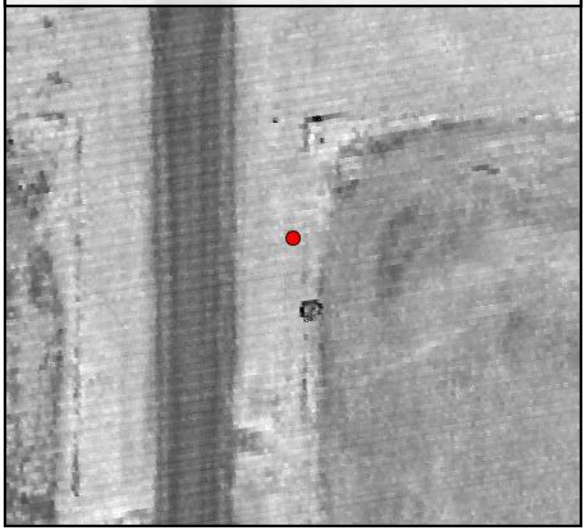
West to East



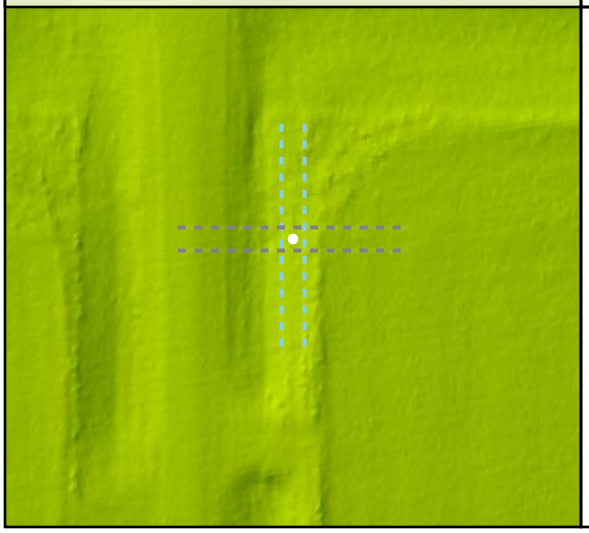
South to North



Intensity Raster

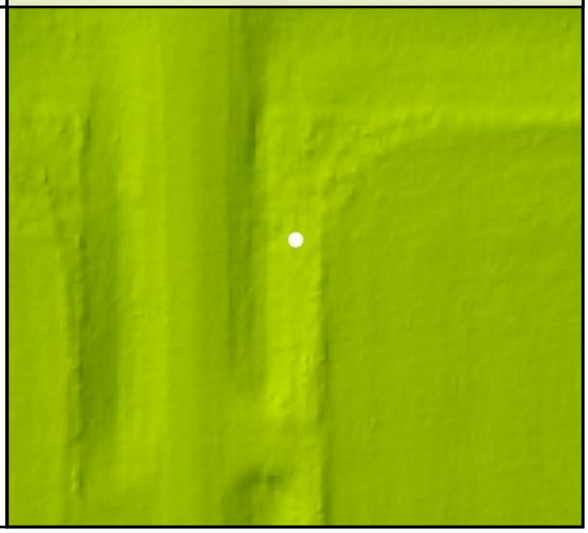


TIN Surface



Project Elevation

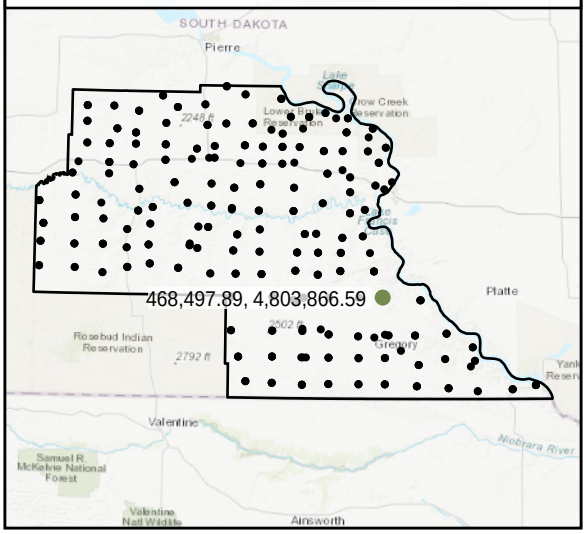
DEM Surface



TW030

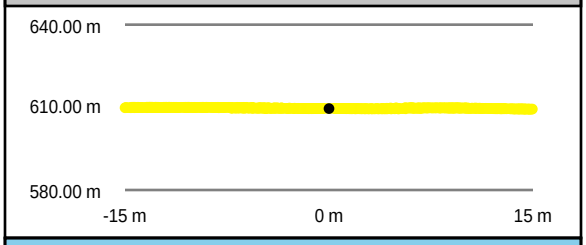
Known Z	609.54 m	Point Density	4.77 ppsm
DEM Dz	0.06 m	Ground Density	4.77 ppsm
Raw TIN Dz	N/A	Slope	2.33 °

Project Context

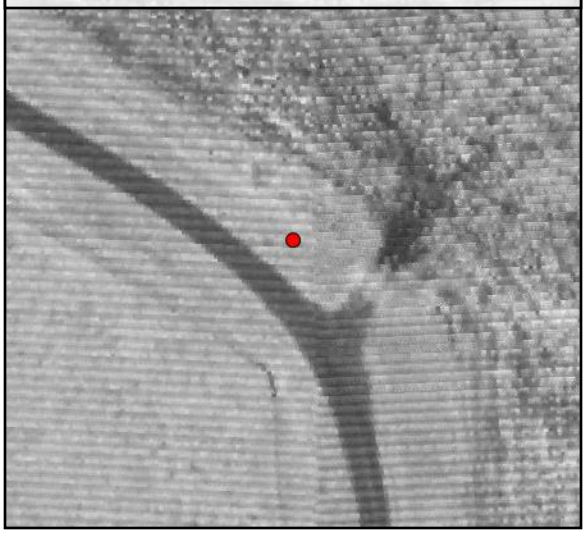


World Imagery

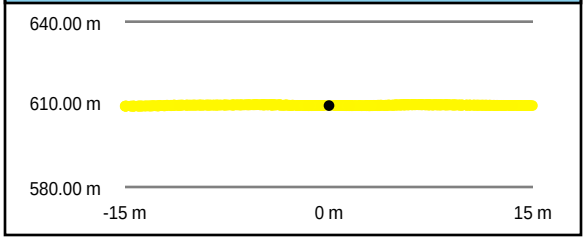
Southeast to Northwest



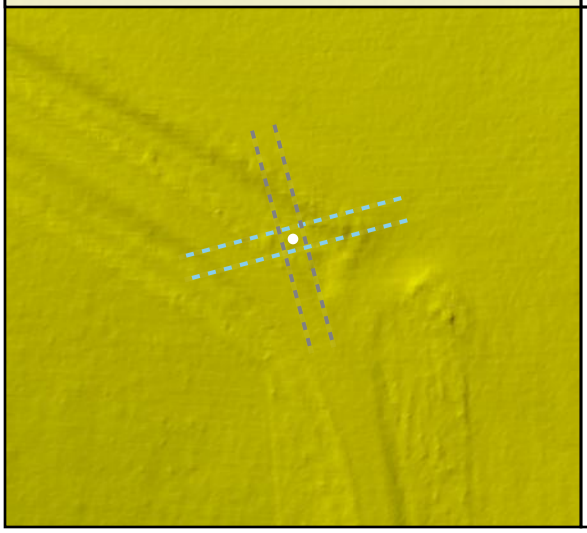
Intensity Raster



Southwest to Northeast

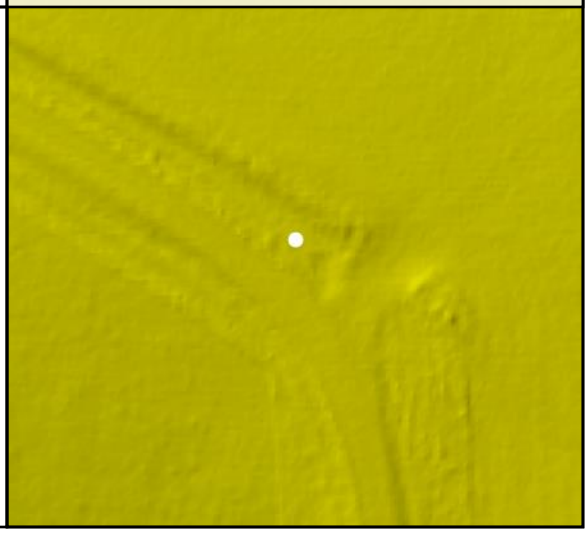


TIN Surface



Project Elevation

DEM Surface



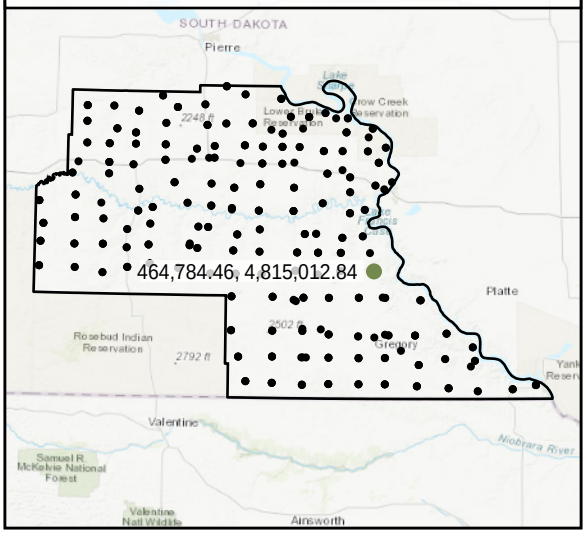
DEM Dz +0.06 m

VVA - TW030

TW031

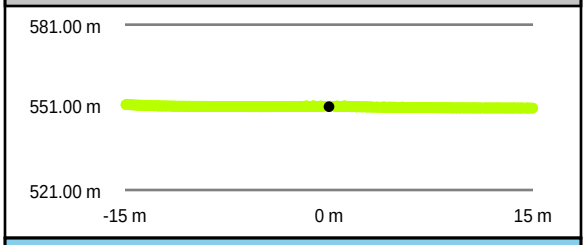
Known Z	551.24 m	Point Density	5.52 ppsm
DEM Dz	0.16 m	Ground Density	5.52 ppsm
Raw TIN Dz	N/A	Slope	3.81 °

Project Context

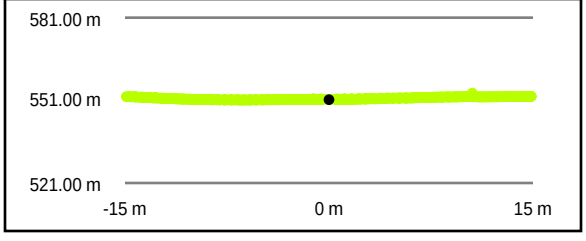


World Imagery

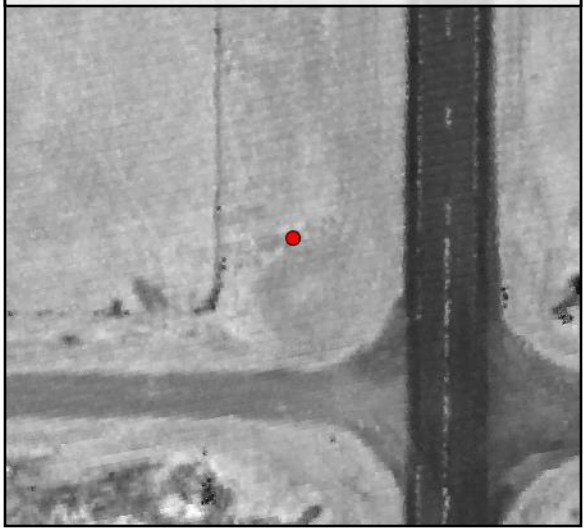
Southwest to Northeast



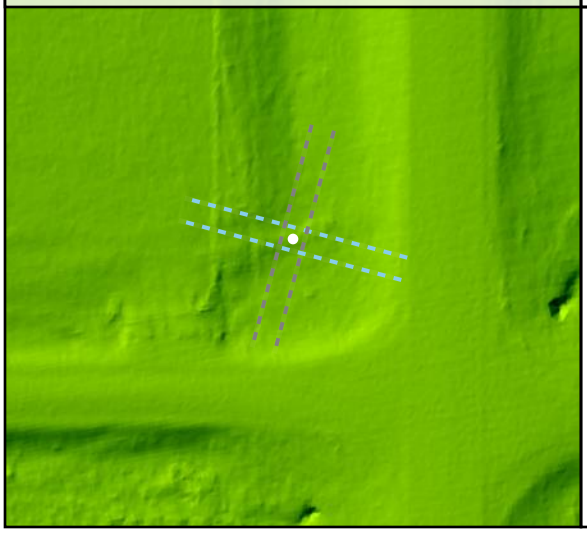
Southeast to Northwest



Intensity Raster



TIN Surface

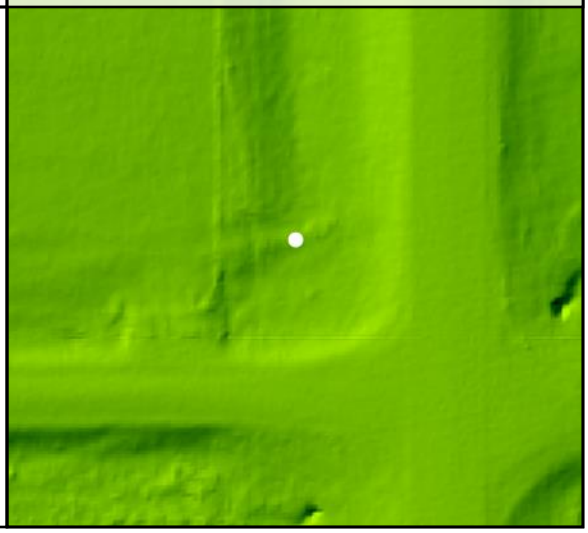


Project Elevation

795.78

413.64

DEM Surface



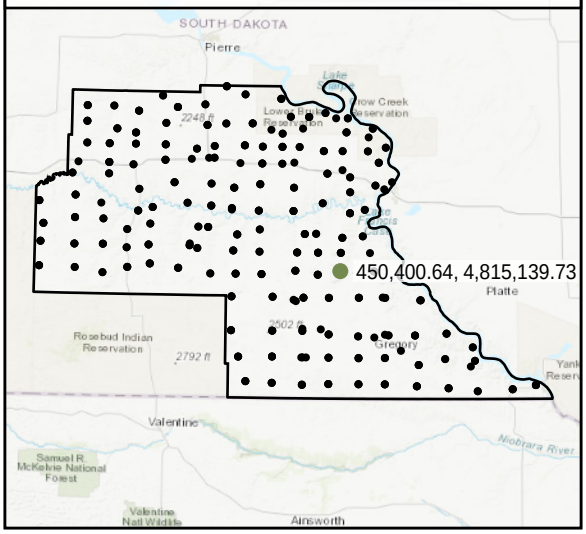
DEM Dz +0.16 m

VVA - TW031

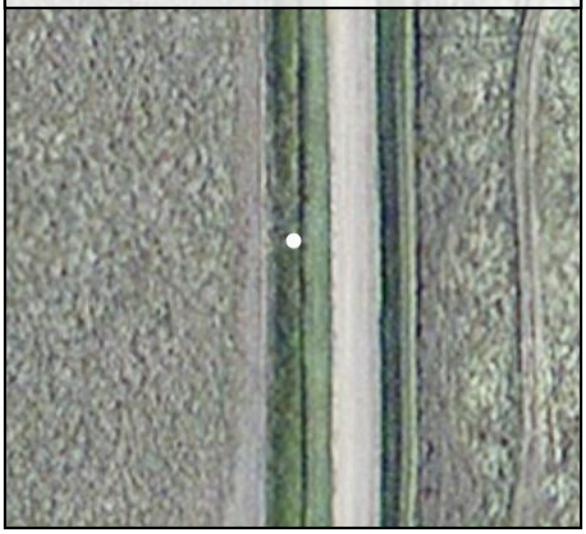
TW032

Known Z	568.38 m	Point Density	6.40 ppsm
DEM Dz	0.10 m	Ground Density	6.40 ppsm
Raw TIN Dz	N/A	Slope	1.97 °

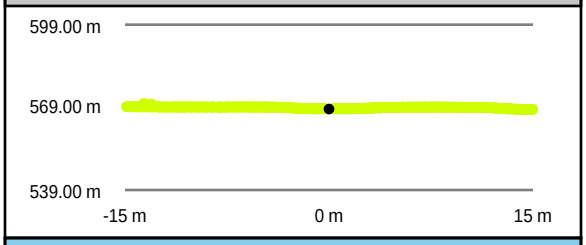
Project Context



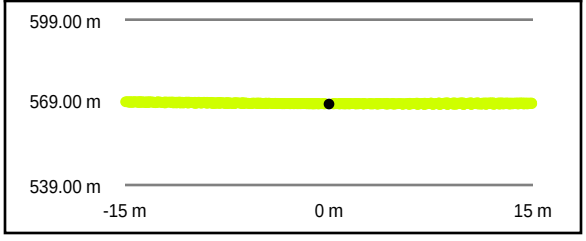
World Imagery



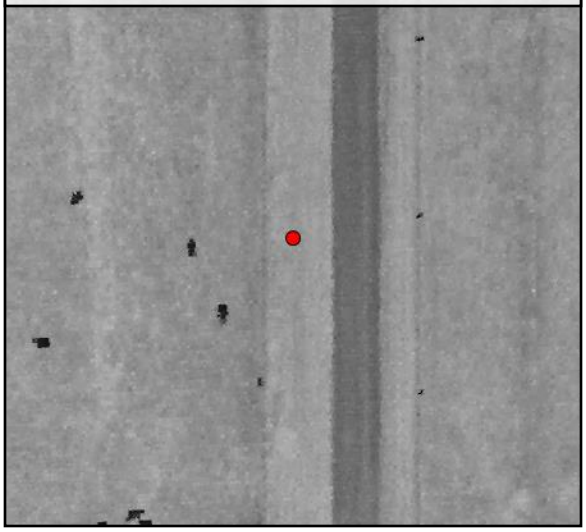
Southwest to Northeast



Southeast to Northwest



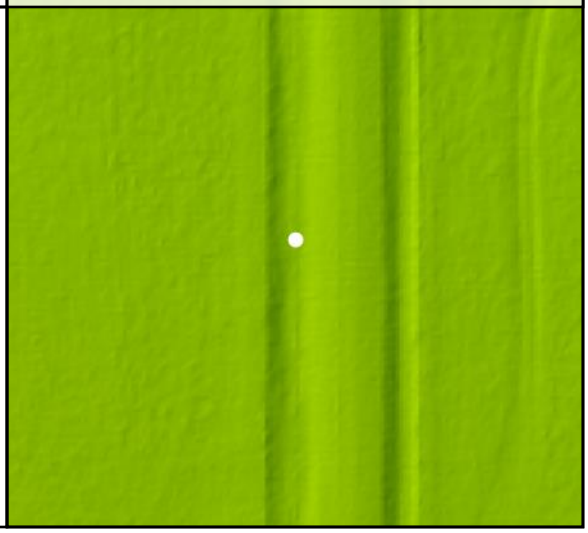
Intensity Raster



TIN Surface

Project Elevation

DEM Surface



DEM Dz +0.10 m

VVA - TW032

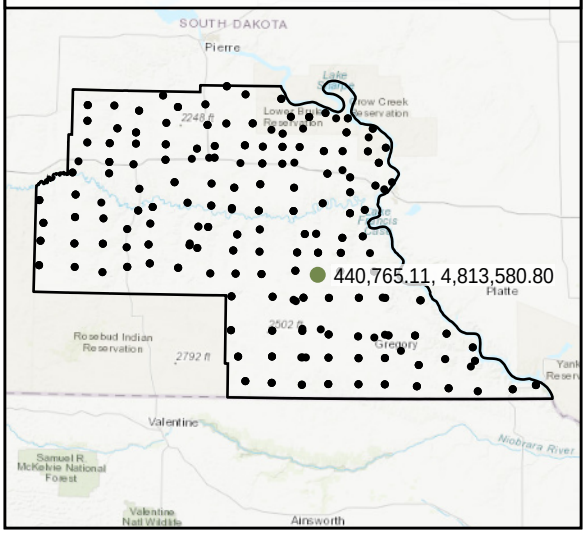
TW033

Known Z	617.25 m	Point Density	4.53 ppsm
DEM Dz	0.22 m	Ground Density	4.53 ppsm
Raw TIN Dz	N/A	Slope	1.53 °

DEM Dz +0.22 m

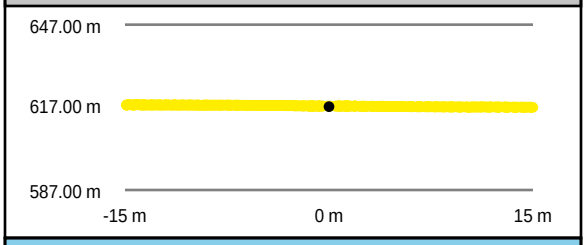
VVA - TW033

Project Context

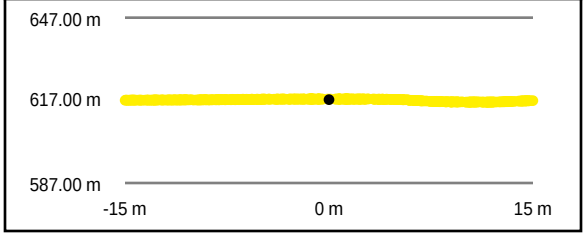


World Imagery

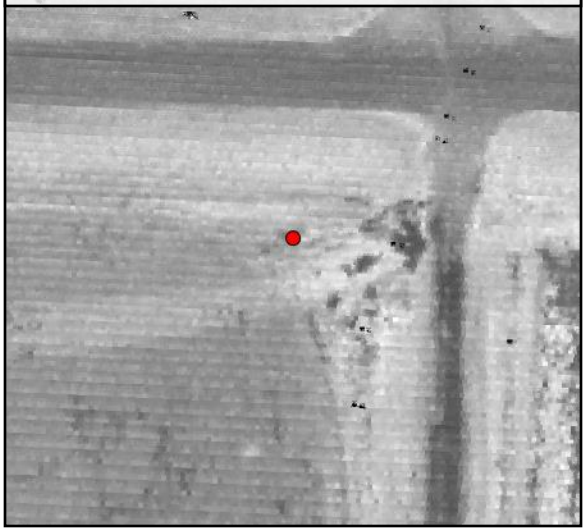
Southeast to Northwest



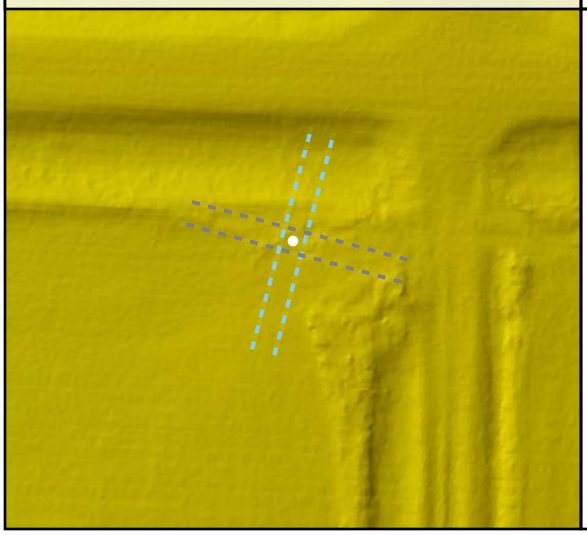
Southwest to Northeast



Intensity Raster

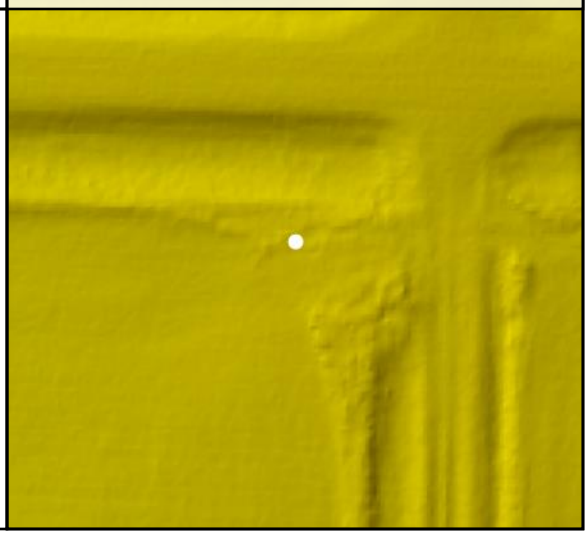


TIN Surface



Project Elevation

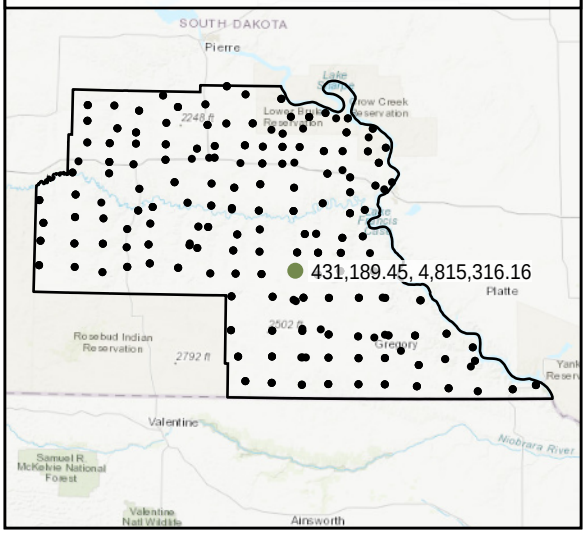
DEM Surface



TW034

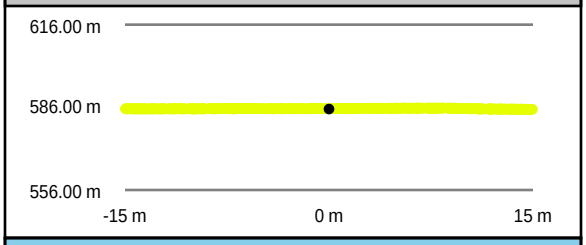
Known Z	585.39 m	Point Density	5.41 ppsm
DEM Dz	0.14 m	Ground Density	5.41 ppsm
Raw TIN Dz	N/A	Slope	2.47 °

Project Context

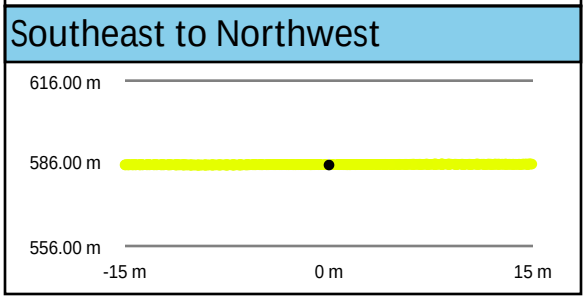


World Imagery

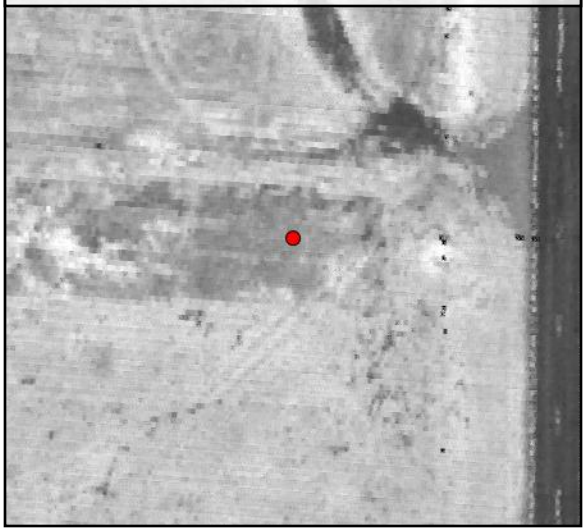
Southwest to Northeast



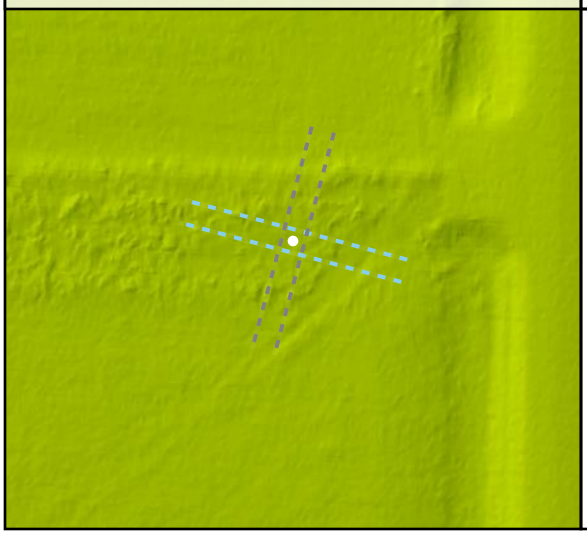
Southeast to Northwest



Intensity Raster

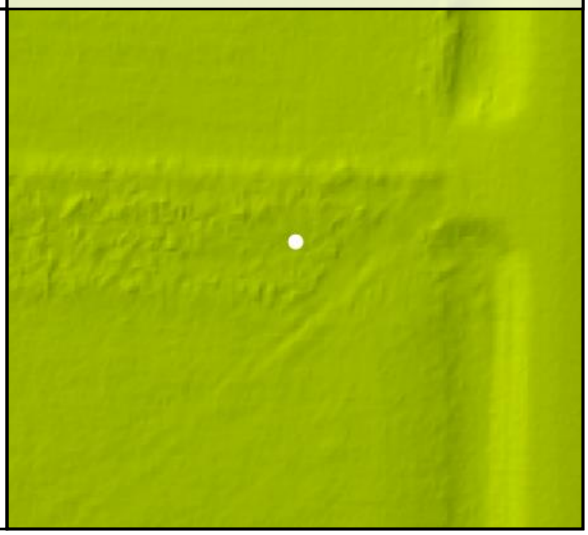


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.14 m

VVA - TW034

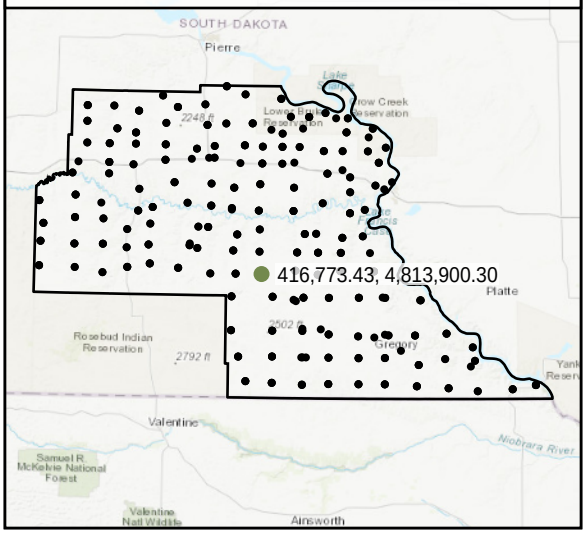
TW035

Known Z	591.33 m	Point Density	5.38 ppsm
DEM Dz	0.12 m	Ground Density	5.38 ppsm
Raw TIN Dz	N/A	Slope	3.14 °

DEM Dz +0.12 m

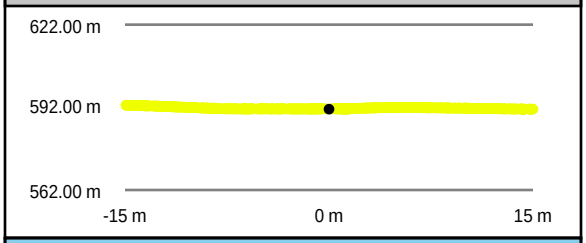
VVA - TW035

Project Context

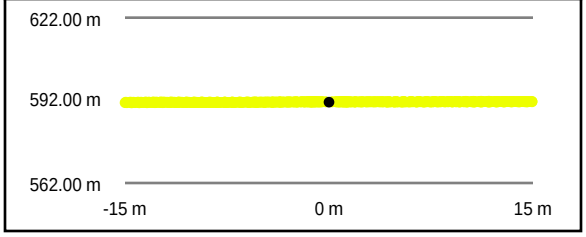


World Imagery

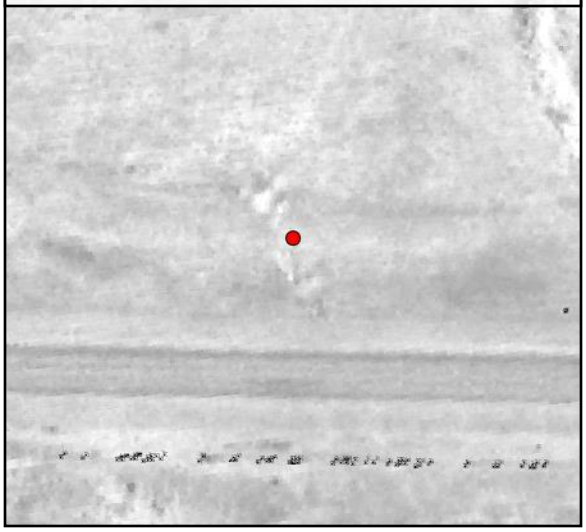
South to North



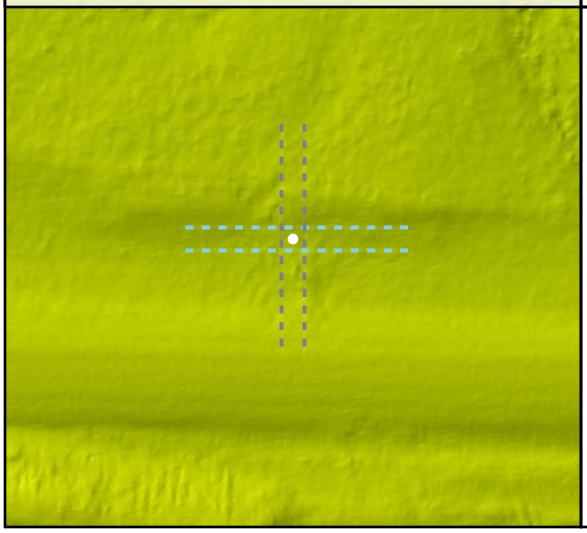
West to East



Intensity Raster

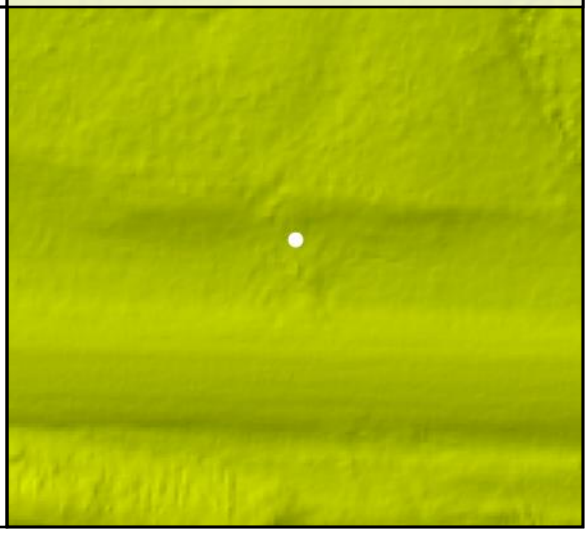


TIN Surface



Project Elevation

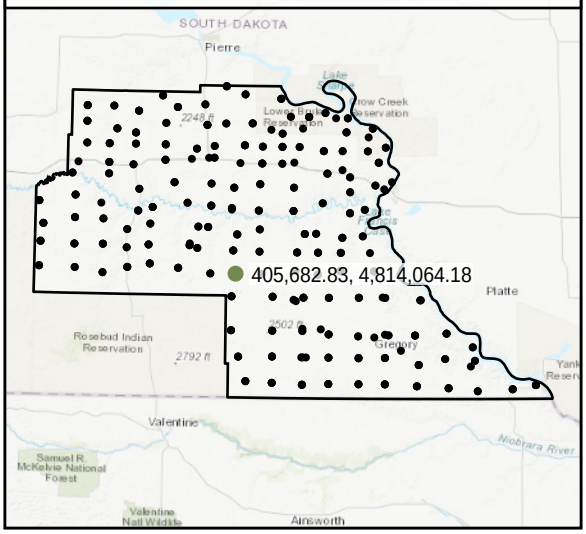
DEM Surface



TW036

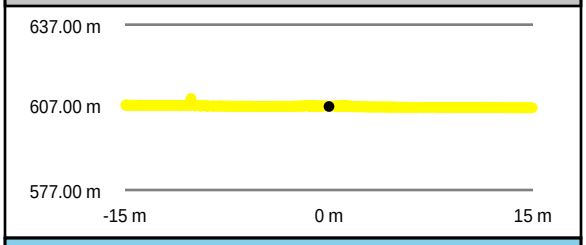
Known Z	607.30 m	Point Density	5.62 ppsm
DEM Dz	0.17 m	Ground Density	5.62 ppsm
Raw TIN Dz	N/A	Slope	9.03 °

Project Context

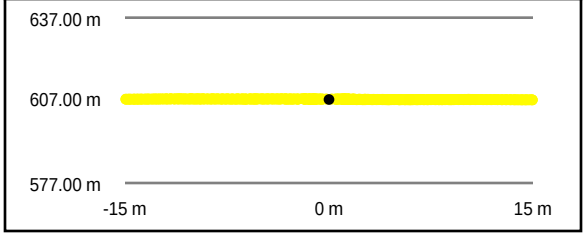


World Imagery

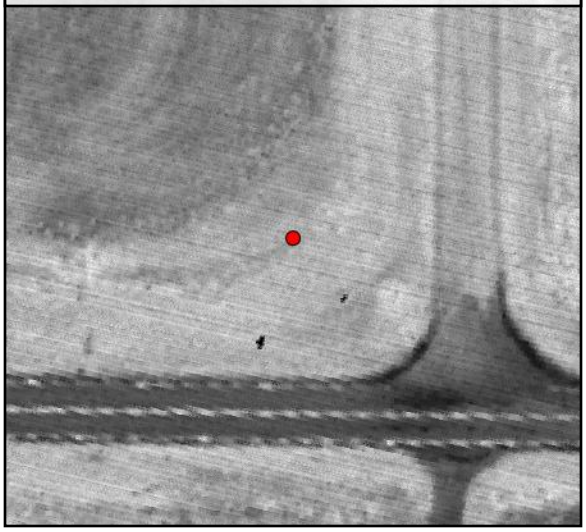
Southeast to Northwest



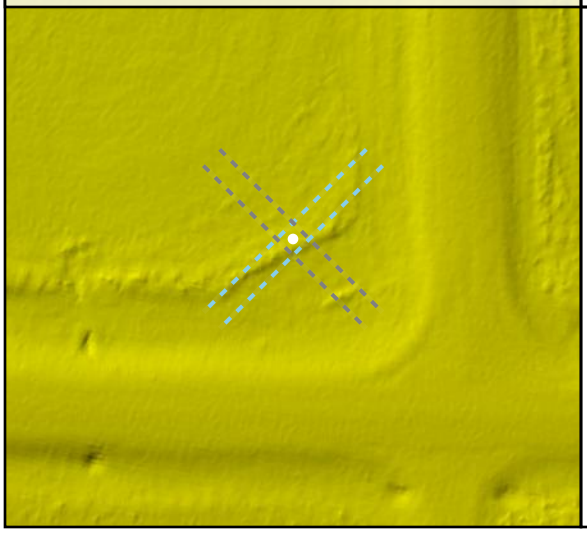
Southwest to Northeast



Intensity Raster

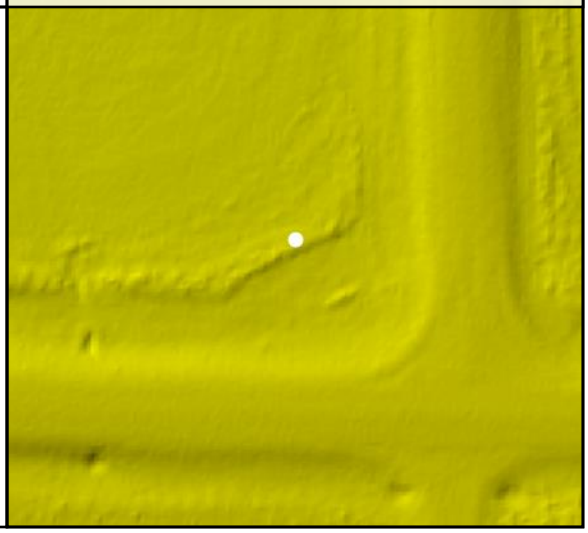


TIN Surface



Project Elevation

DEM Surface



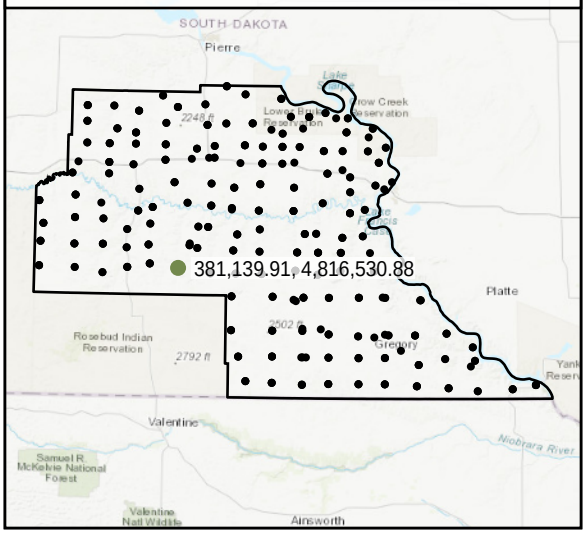
DEM Dz +0.17 m

VVA - TW036

TW037

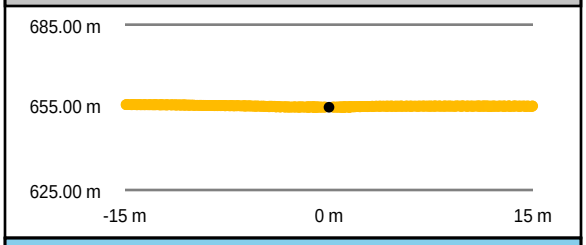
Known Z	655.03 m	Point Density	5.48 ppsm
DEM Dz	0.05 m	Ground Density	5.48 ppsm
Raw TIN Dz	N/A	Slope	3.42 °

Project Context

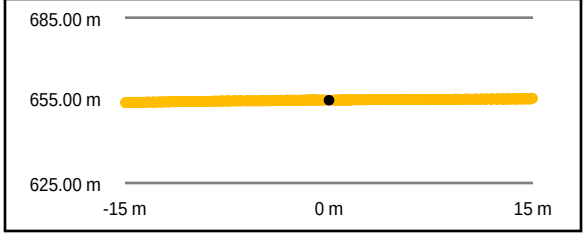


World Imagery

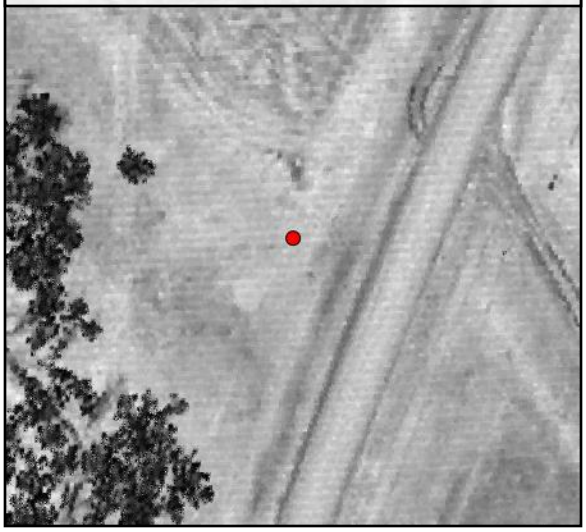
Southeast to Northwest



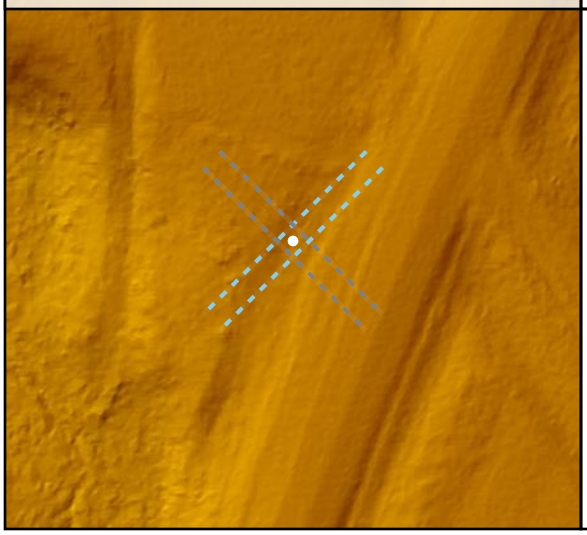
Southwest to Northeast



Intensity Raster

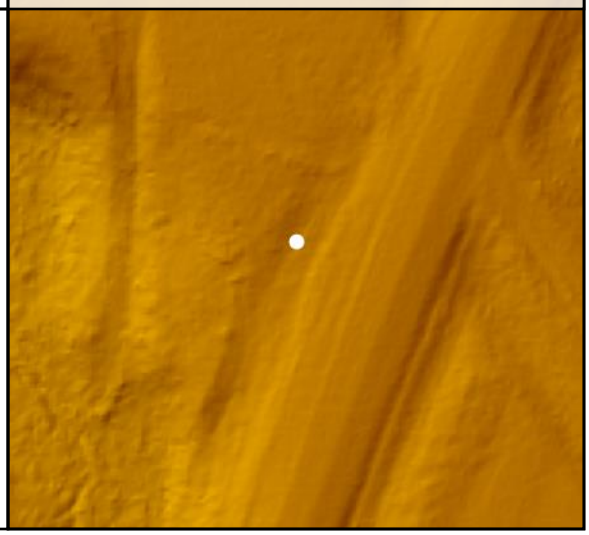


TIN Surface



Project Elevation

DEM Surface



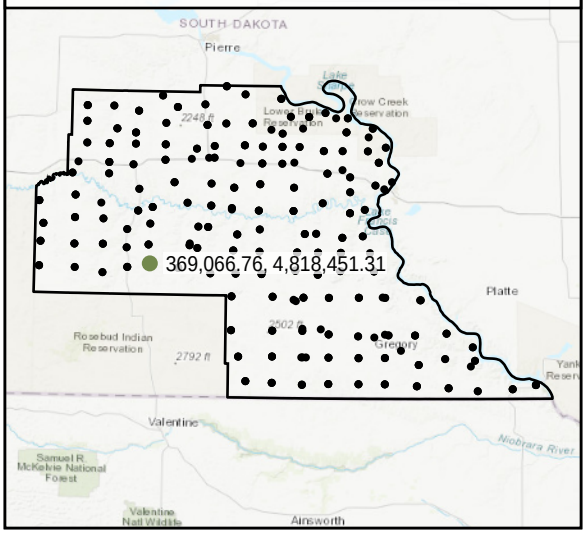
DEM Dz +0.05 m

VVA - TW037

TW038

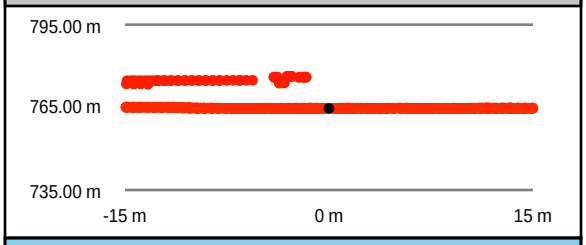
Known Z	764.59 m	Point Density	5.55 ppsm
DEM Dz	0.03 m	Ground Density	5.06 ppsm
Raw TIN Dz	N/A	Slope	1.87 °

Project Context

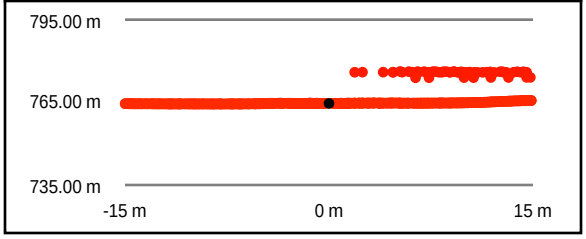


World Imagery

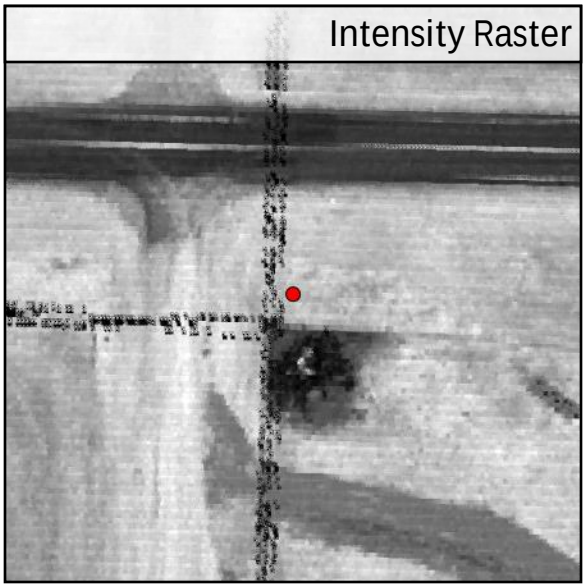
Southwest to Northeast



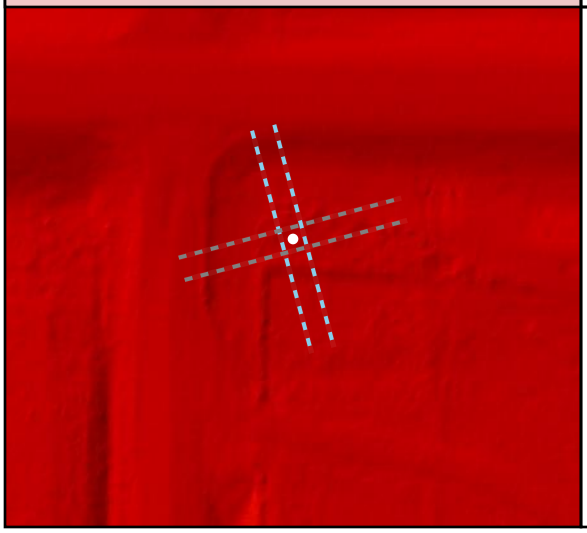
Southeast to Northwest



Intensity Raster

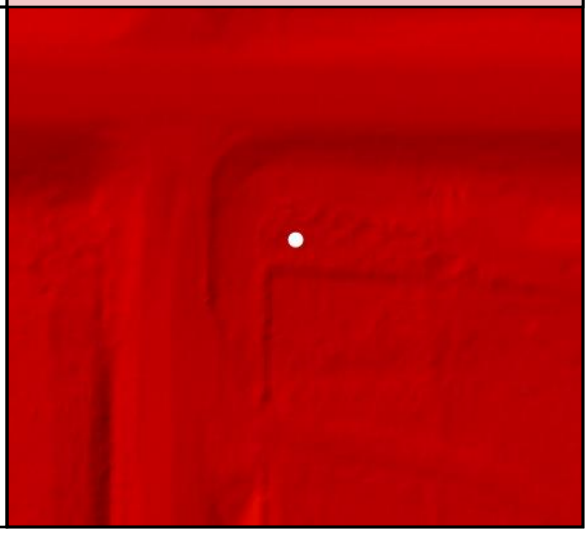


TIN Surface



Project Elevation

DEM Surface



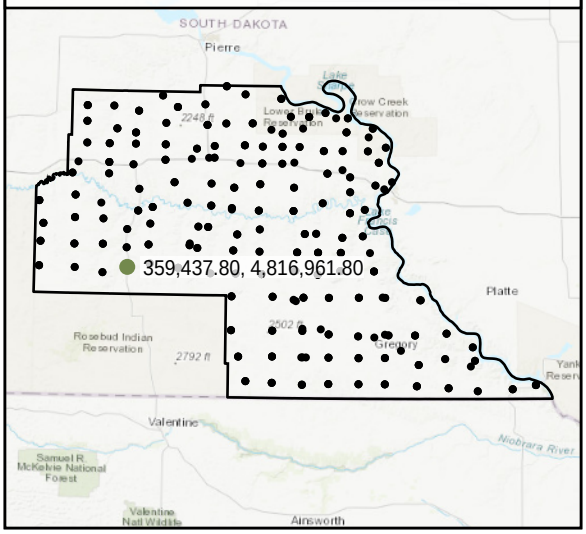
DEM Dz +0.03 m

VVA - TW038

TW039

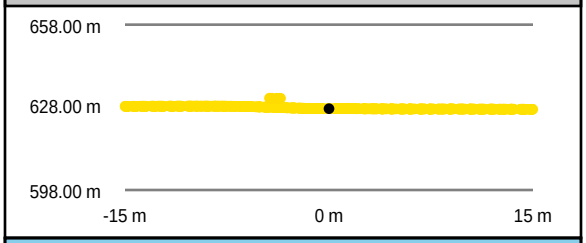
Known Z	627.51 m	Point Density	5.59 ppsm
DEM Dz	0.03 m	Ground Density	5.59 ppsm
Raw TIN Dz	N/A	Slope	2.25 °

Project Context

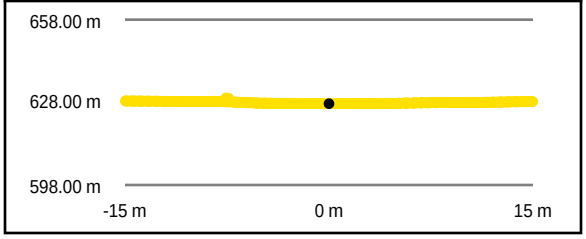


World Imagery

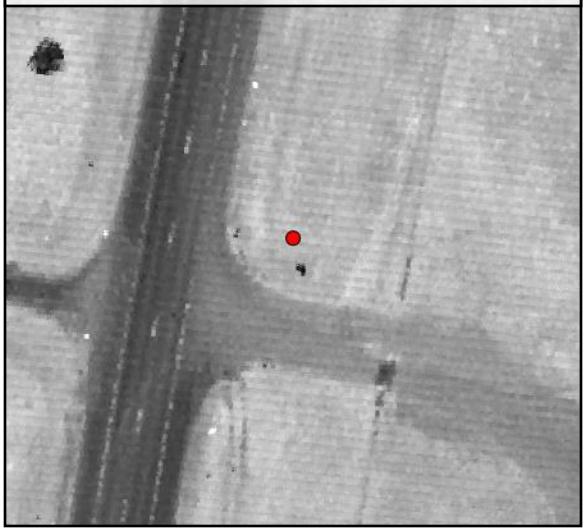
South to North



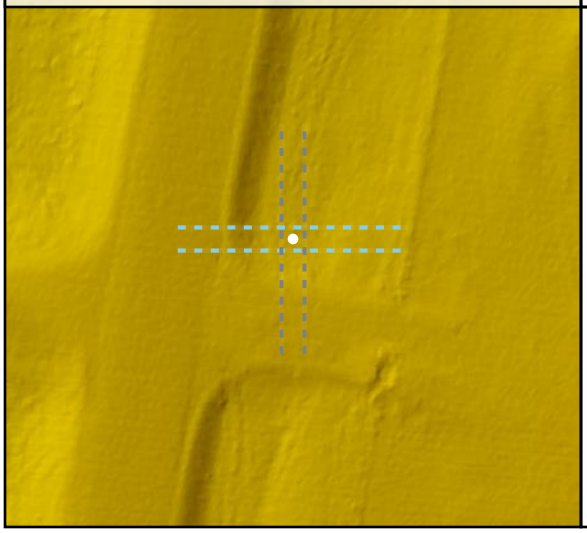
West to East



Intensity Raster

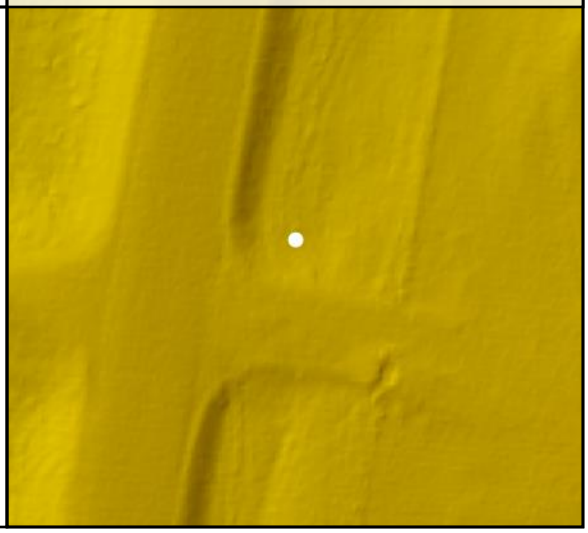


TIN Surface



Project Elevation

DEM Surface



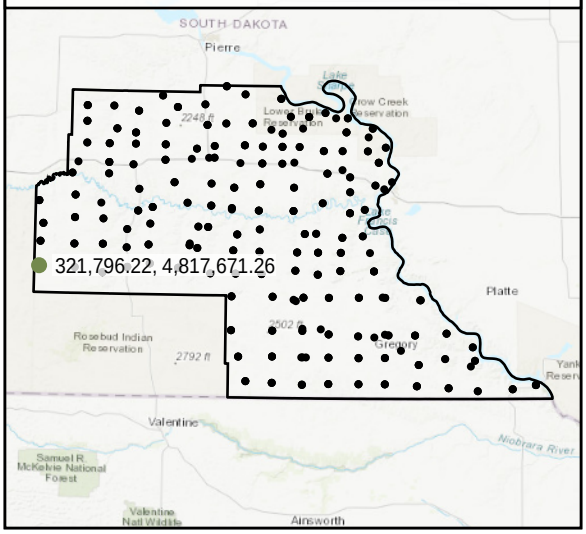
DEM Dz +0.03 m

VVA - TW039

TW040

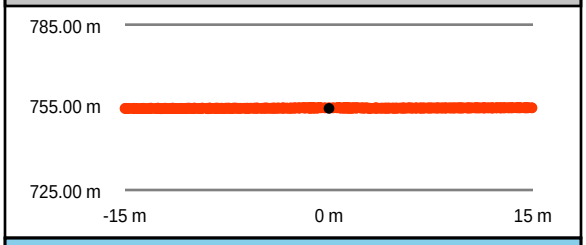
Known Z	754.61 m	Point Density	4.63 ppsm
DEM Dz	0.21 m	Ground Density	4.56 ppsm
Raw TIN Dz	N/A	Slope	5.14 °

Project Context

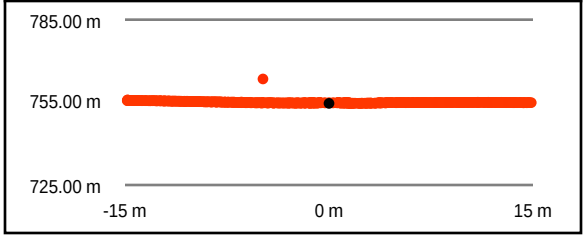


World Imagery

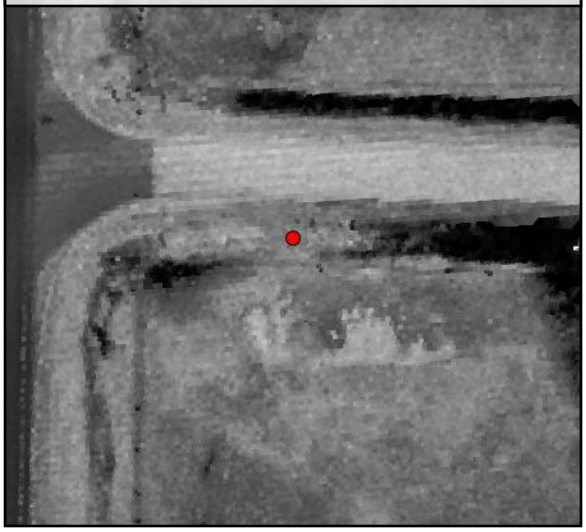
Southwest to Northeast



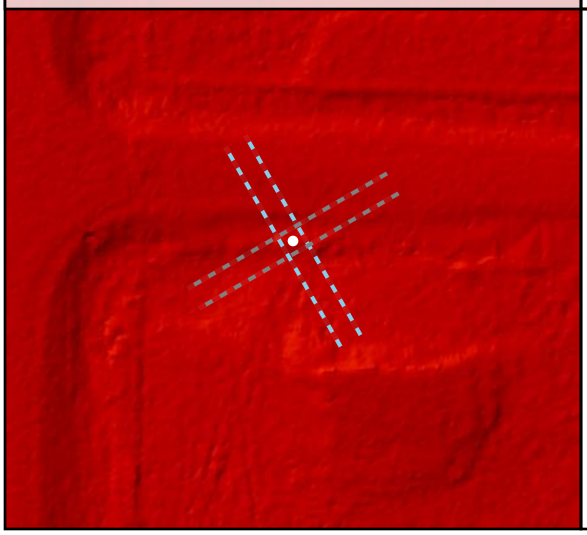
Southeast to Northwest



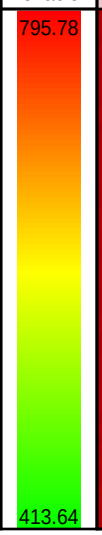
Intensity Raster



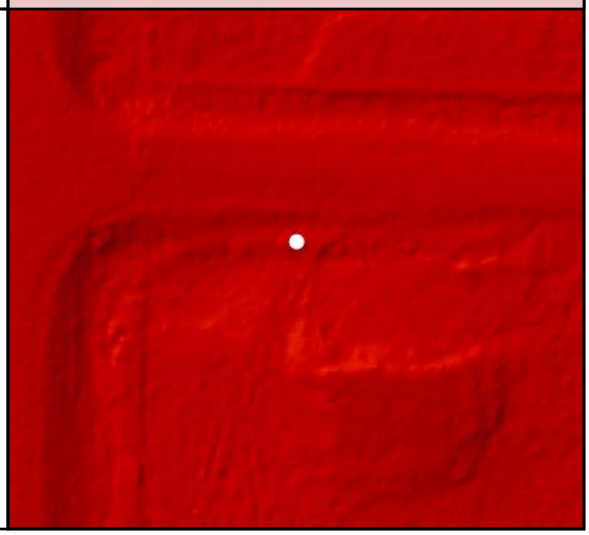
TIN Surface



Project Elevation



DEM Surface



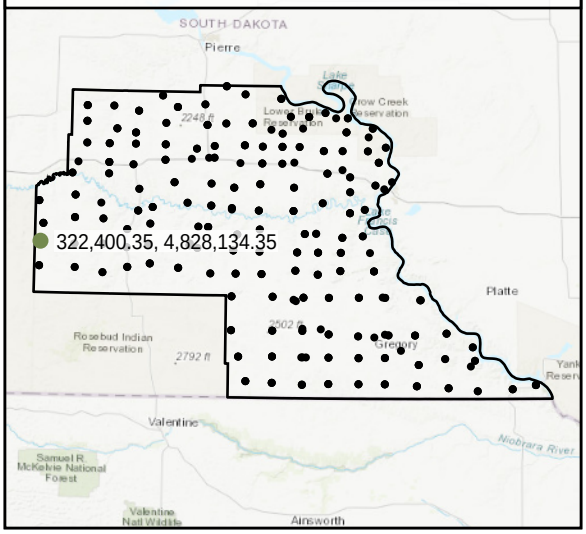
DEM Dz +0.21 m

VVA - TW040

TW041

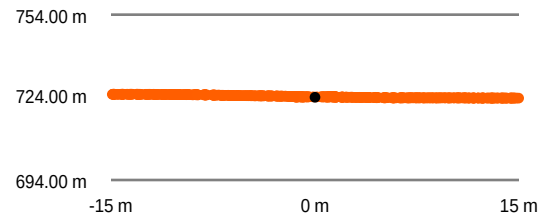
Known Z	724.02 m	Point Density	4.81 ppsm
DEM Dz	0.15 m	Ground Density	4.81 ppsm
Raw TIN Dz	N/A	Slope	4.41 °

Project Context

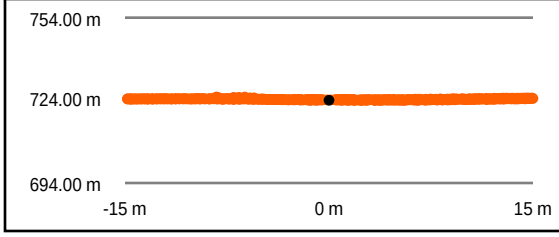


World Imagery

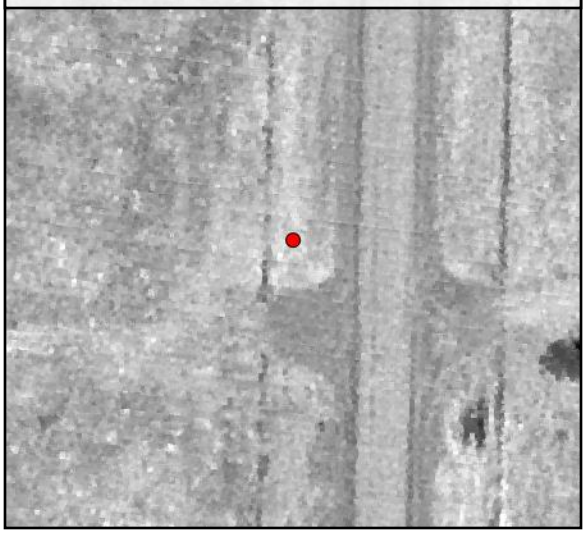
Southeast to Northwest



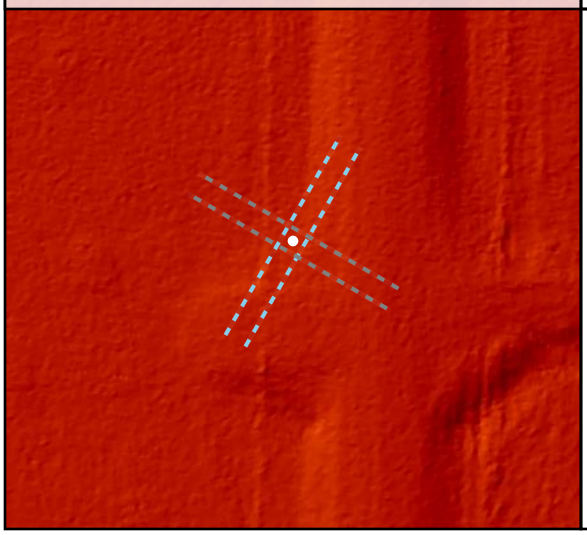
Southwest to Northeast



Intensity Raster

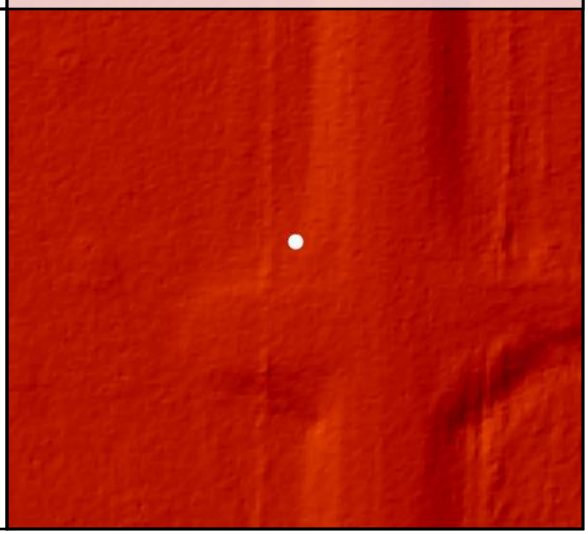


TIN Surface



Project Elevation

DEM Surface



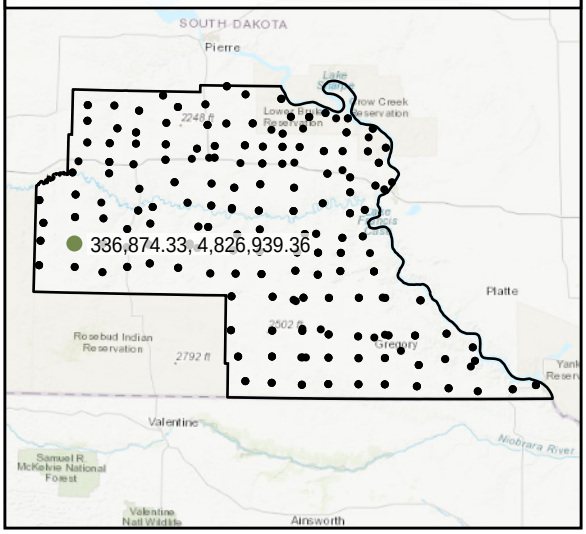
DEM Dz +0.15 m

VVA - TW041

TW042

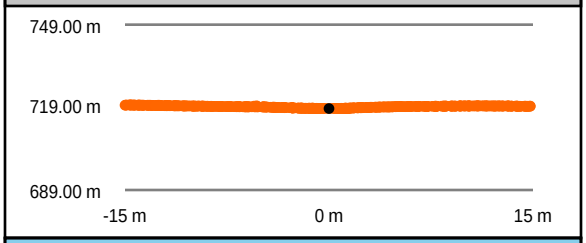
Known Z	718.56 m	Point Density	4.81 ppsm
DEM Dz	0.05 m	Ground Density	4.81 ppsm
Raw TIN Dz	N/A	Slope	0.79 °

Project Context

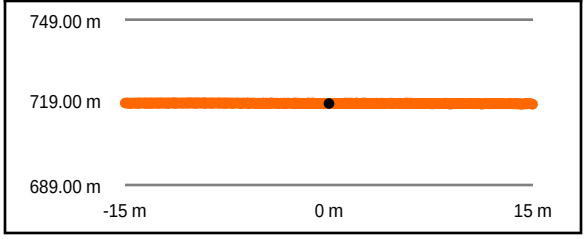


World Imagery

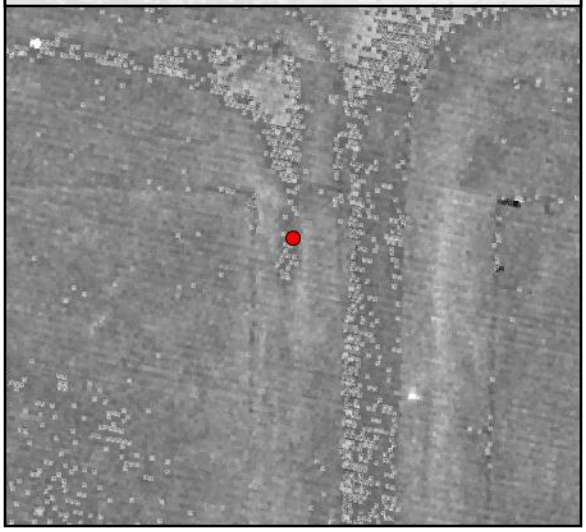
West to East



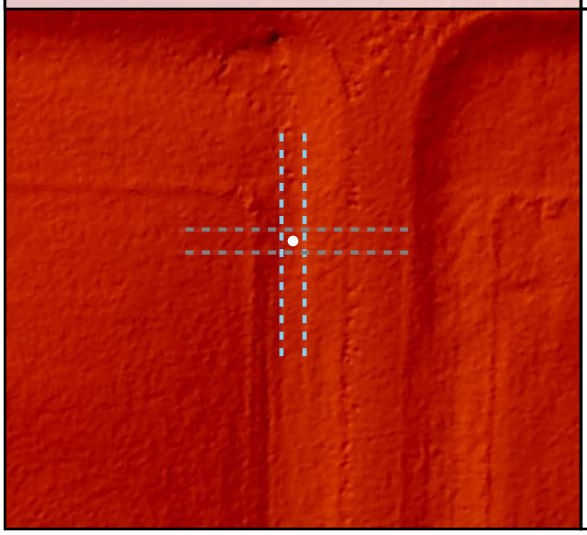
South to North



Intensity Raster

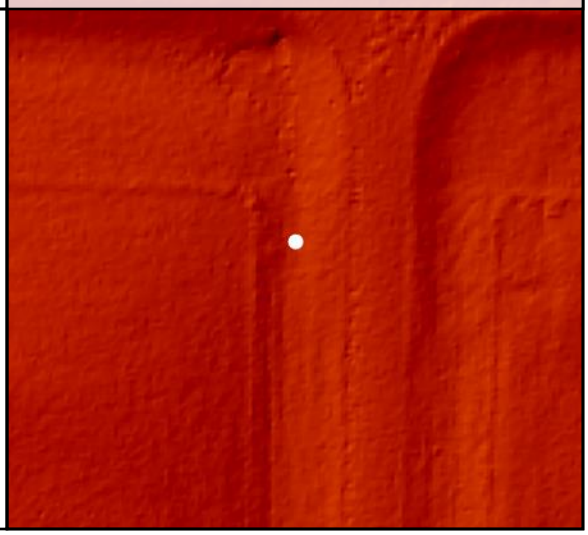


TIN Surface



Project Elevation

DEM Surface

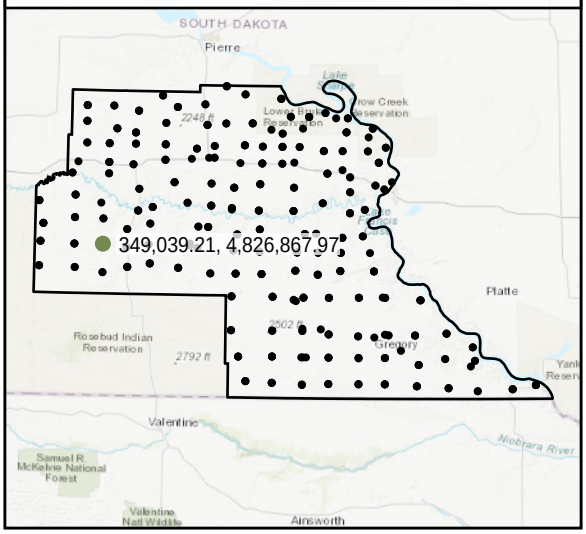


DEM Dz +0.05 m

VVA - TW042

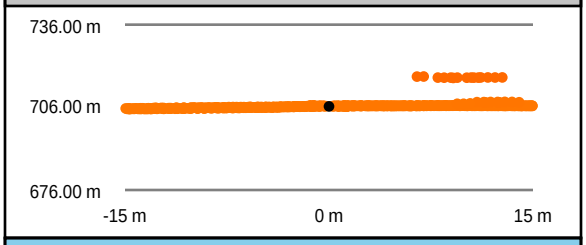
TW043				
	Known Z	706.34 m	Point Density	5.13 ppsm
	DEM Dz	0.12 m	Ground Density	5.13 ppsm
	Raw TIN Dz	N/A	Slope	6.80 °

Project Context

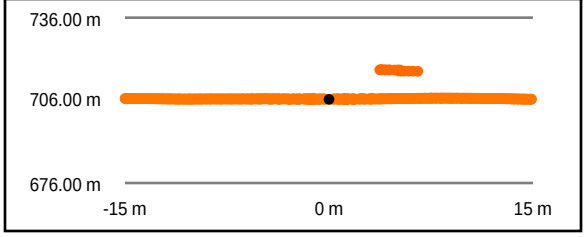


World Imagery

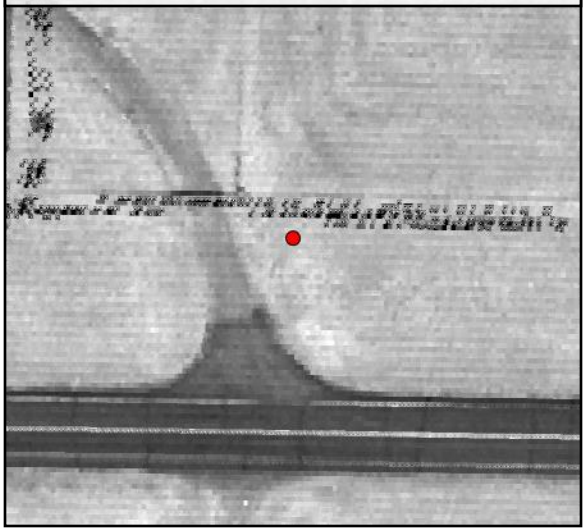
Southeast to Northwest



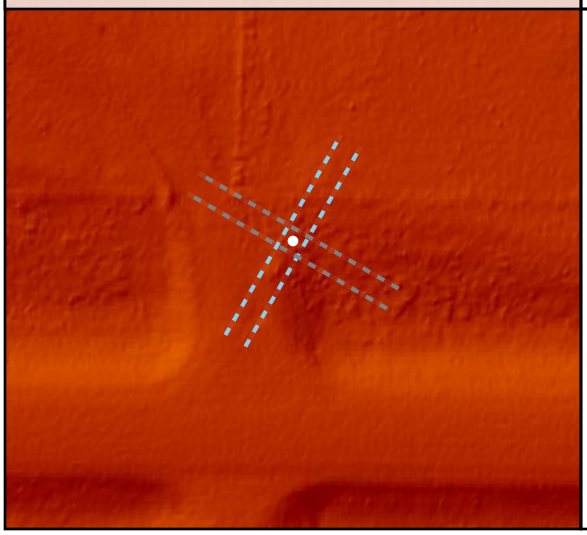
Southwest to Northeast



Intensity Raster

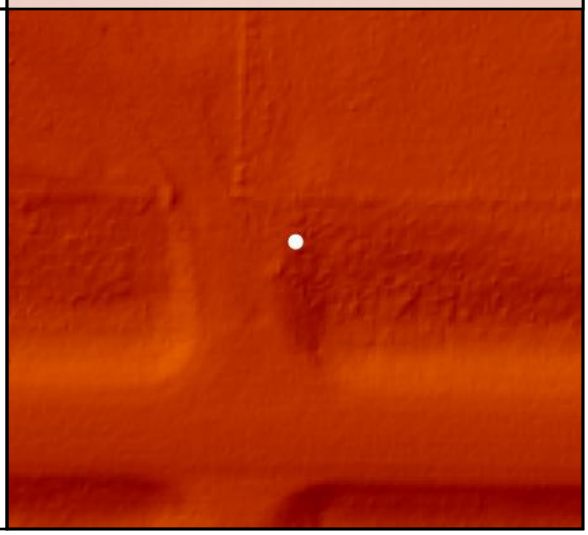


TIN Surface



Project Elevation

DEM Surface

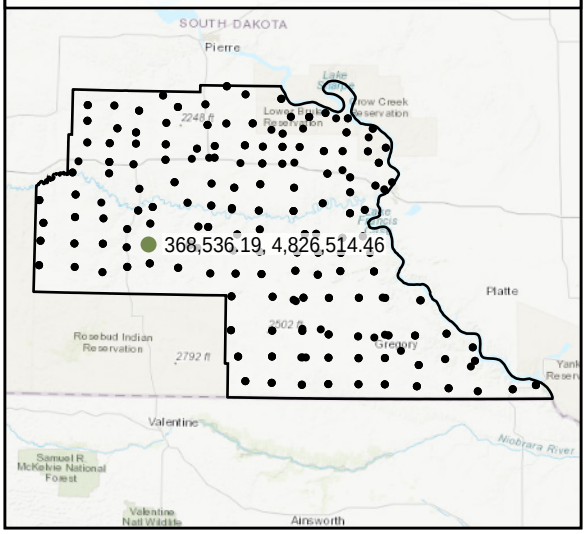


DEM Dz +0.12 m

VVA - TW043

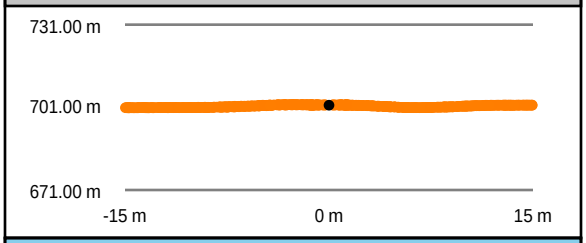
TW044				
	Known Z	701.77 m	Point Density	4.31 ppsm
	DEM Dz	0.08 m	Ground Density	4.31 ppsm
	Raw TIN Dz	N/A	Slope	4.19 °

Project Context

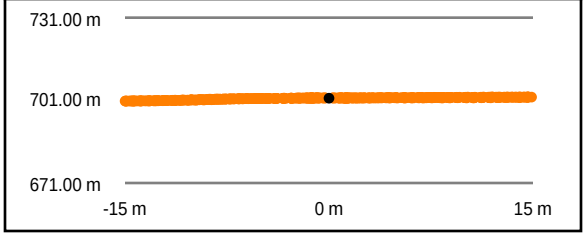


World Imagery

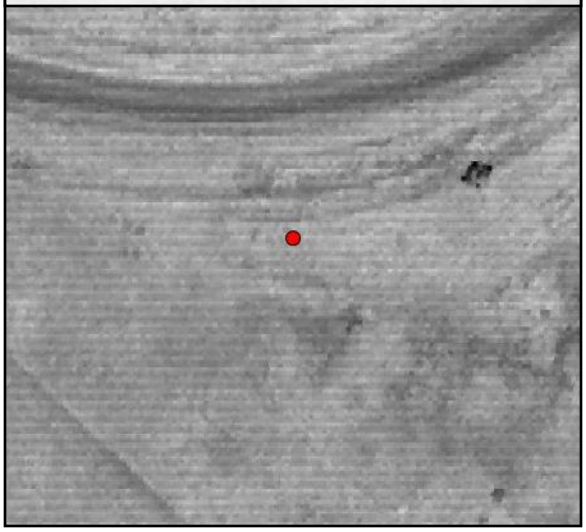
Southeast to Northwest



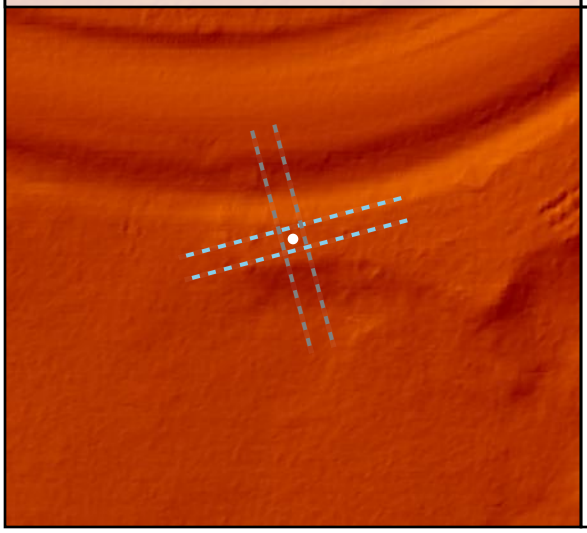
Southwest to Northeast



Intensity Raster

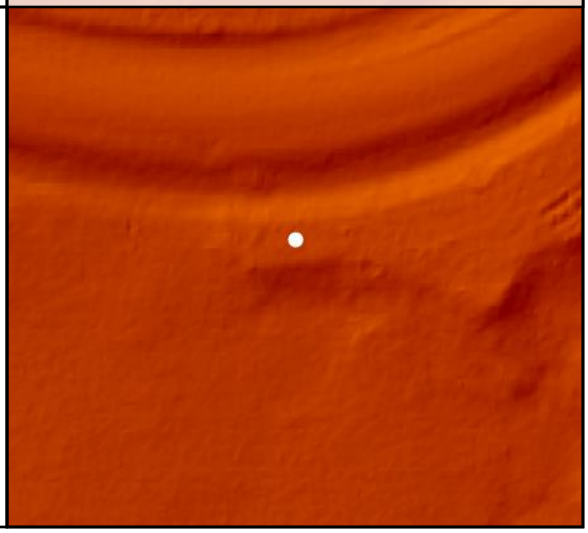


TIN Surface



Project Elevation

DEM Surface

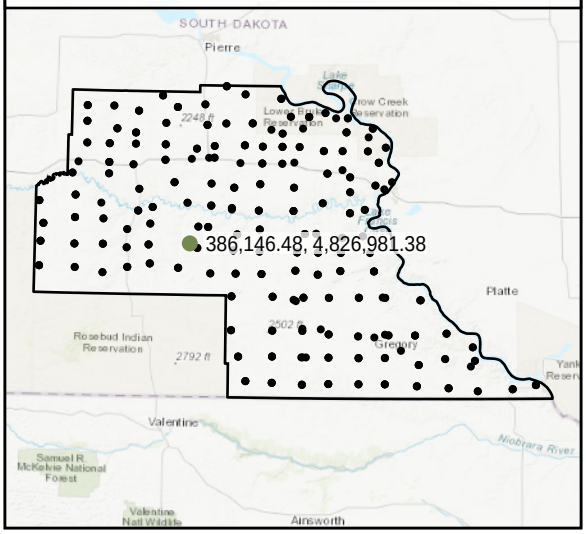


DEM Dz +0.08 m

VVA - TW044

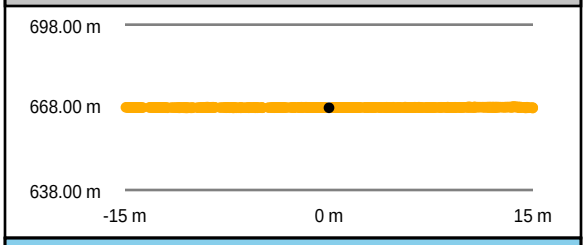
TW045				
	Known Z	667.84 m	Point Density	4.63 ppsm
	DEM Dz	0.08 m	Ground Density	4.63 ppsm
	Raw TIN Dz	N/A	Slope	0.48 °

Project Context

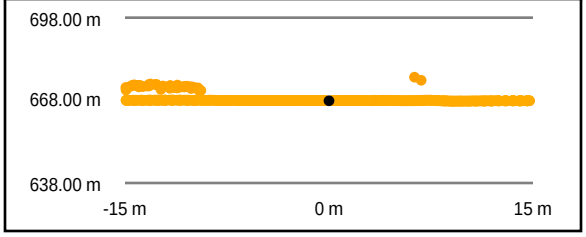


World Imagery

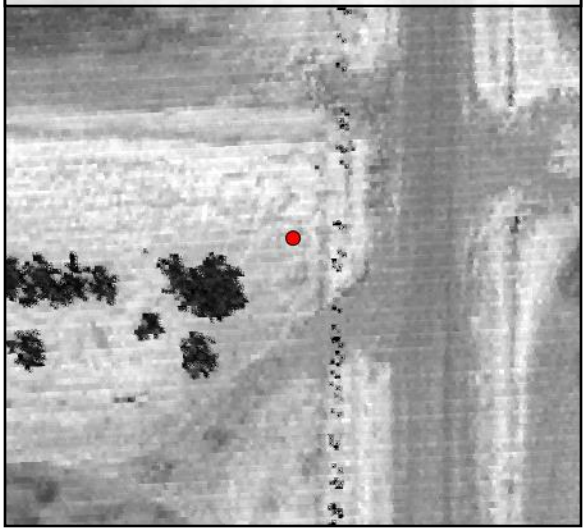
Southeast to Northwest



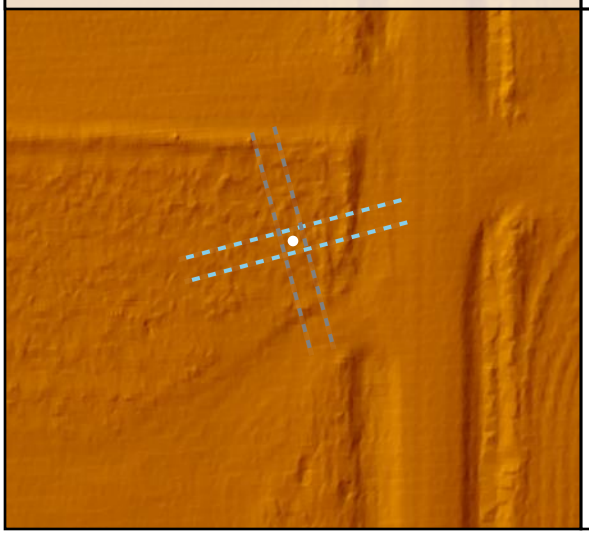
Southwest to Northeast



Intensity Raster

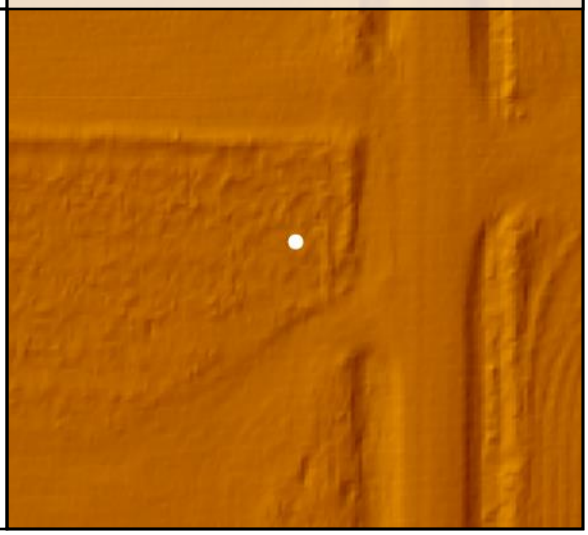


TIN Surface



Project Elevation

DEM Surface



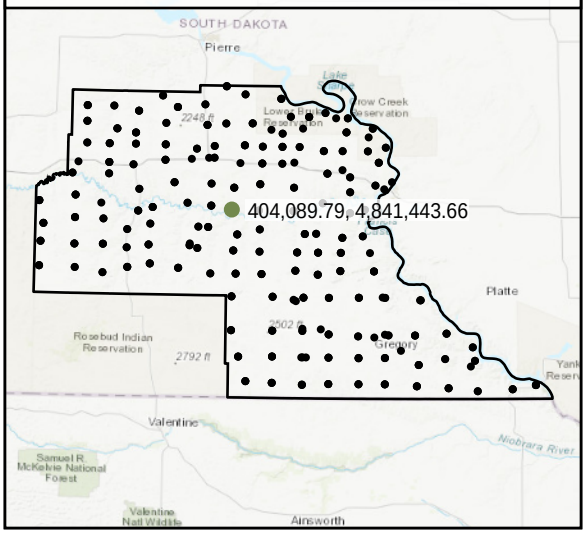
TW046

Known Z	567.00 m	Point Density	5.09 ppsm
DEM Dz	0.12 m	Ground Density	4.88 ppsm
Raw TIN Dz	N/A	Slope	1.40 °

DEM Dz +0.12 m

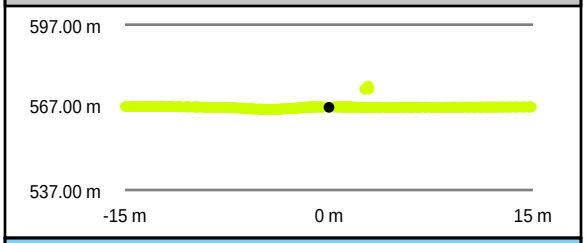
VVA - TW046

Project Context

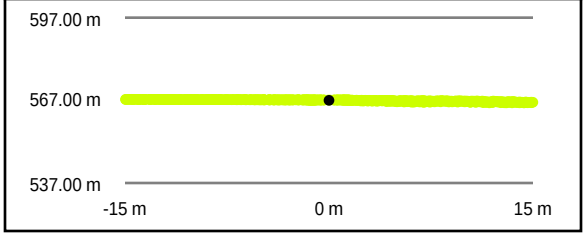


World Imagery

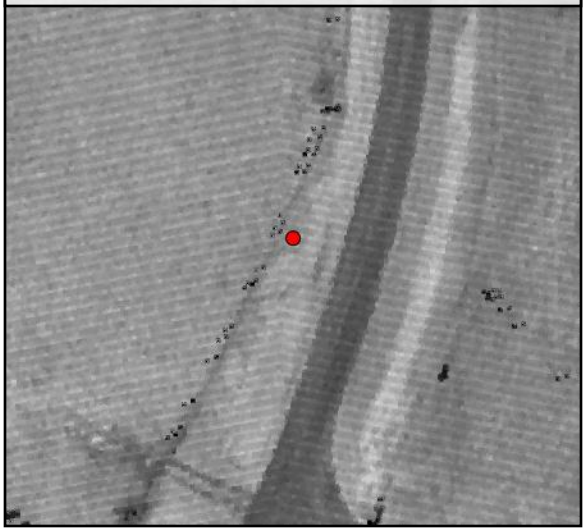
Southeast to Northwest



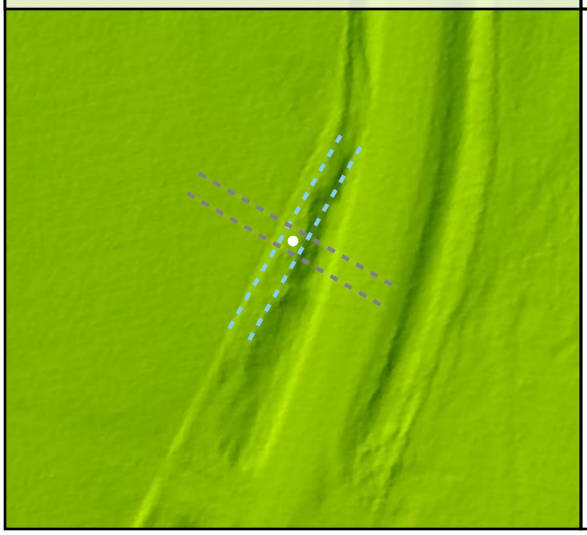
Southwest to Northeast



Intensity Raster

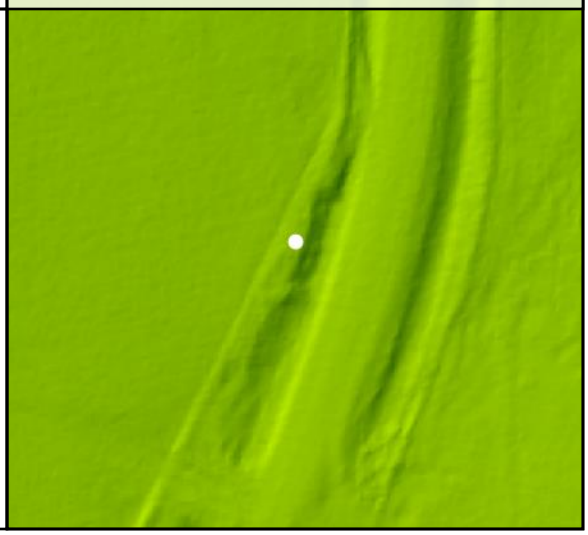


TIN Surface



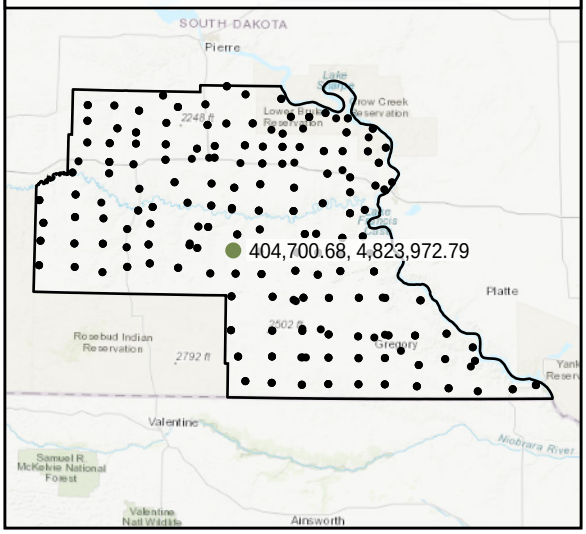
Project Elevation

DEM Surface



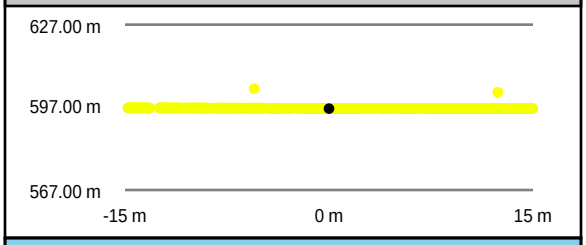
TW047				
	Known Z	596.53 m	Point Density	4.07 ppsm
	DEM Dz	0.10 m	Ground Density	4.07 ppsm
	Raw TIN Dz	N/A	Slope	0.75 °

Project Context

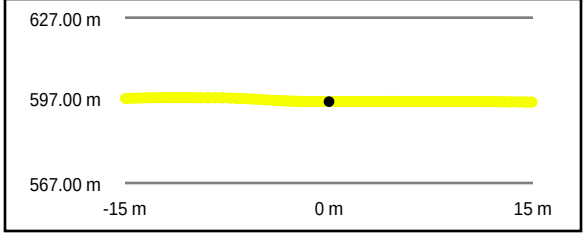


World Imagery

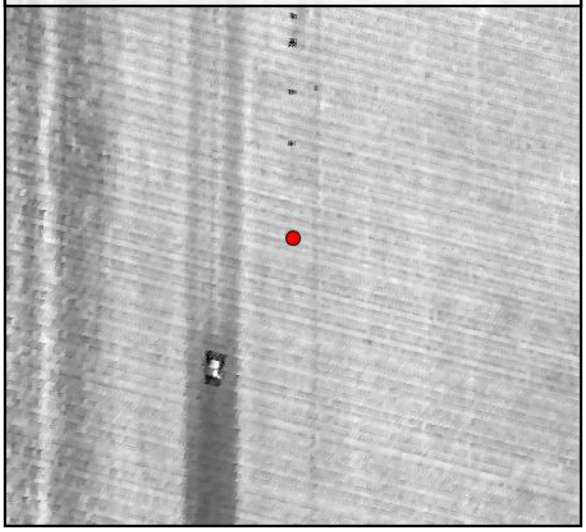
South to North



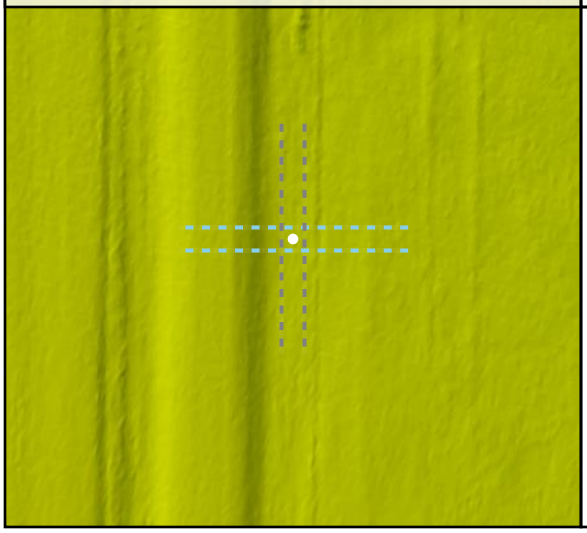
West to East



Intensity Raster

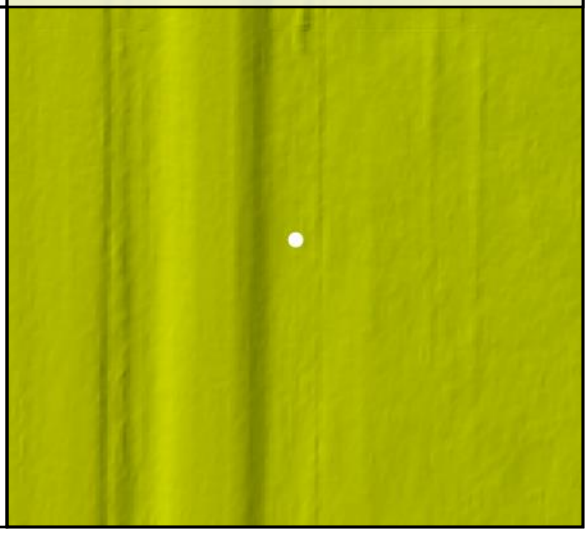


TIN Surface



Project Elevation

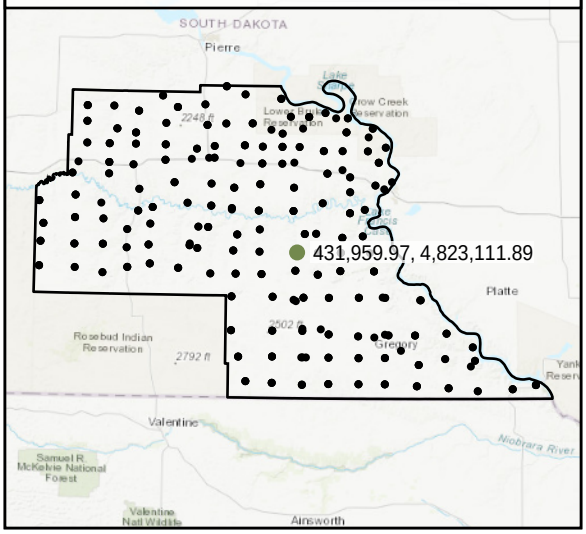
DEM Surface



TW048

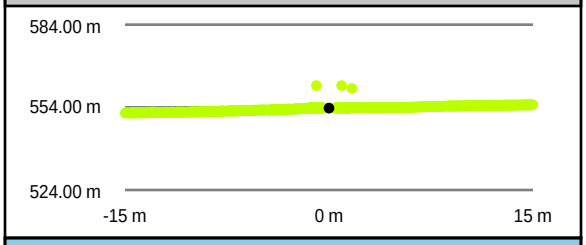
Known Z	553.71 m	Point Density	5.09 ppsm
DEM Dz	0.06 m	Ground Density	5.02 ppsm
Raw TIN Dz	N/A	Slope	7.62 °

Project Context

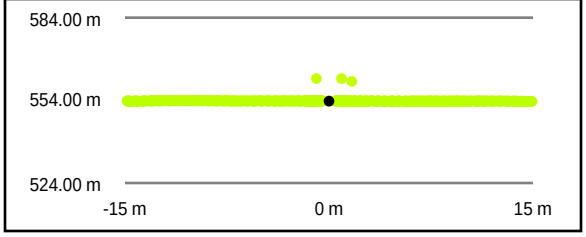


World Imagery

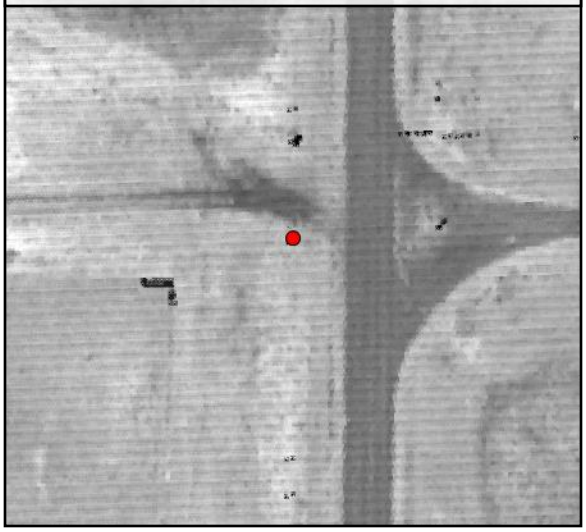
Southwest to Northeast



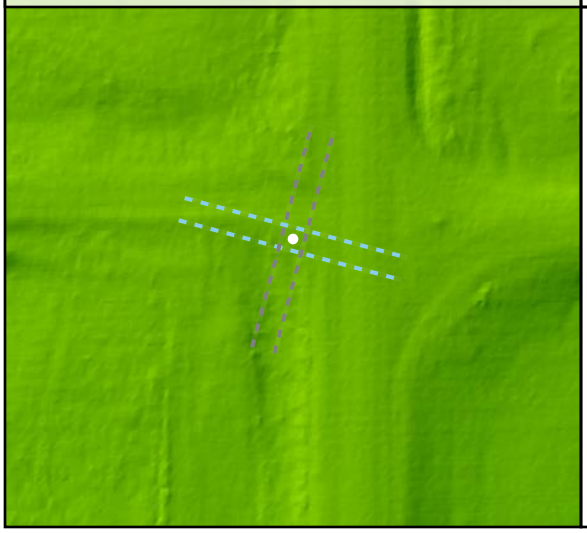
Southeast to Northwest



Intensity Raster

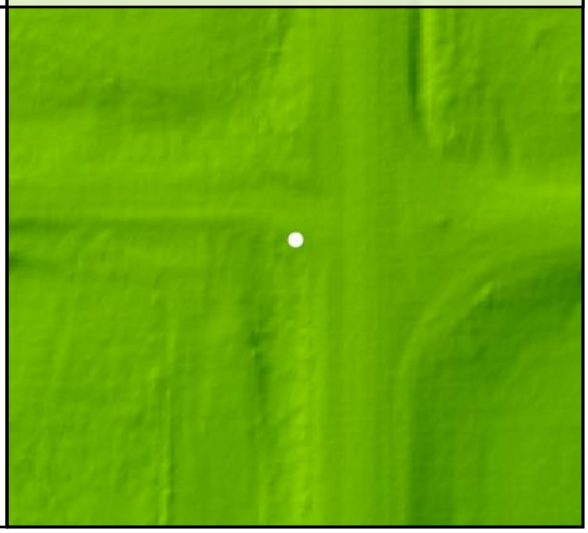


TIN Surface



Project Elevation

DEM Surface

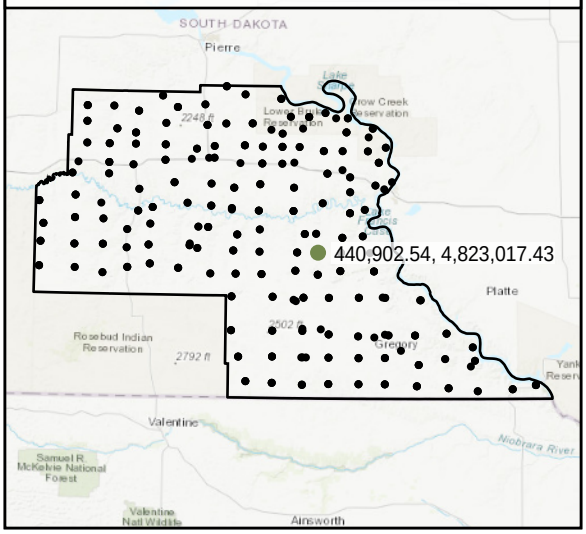


DEM Dz +0.06 m

VVA - TW048

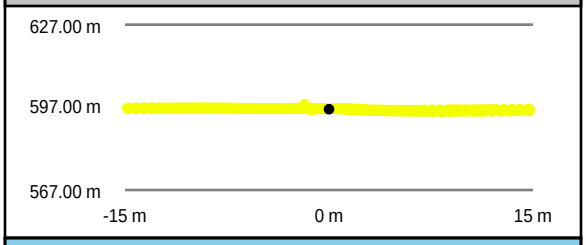
TW049				
	Known Z	596.32 m	Point Density	4.46 ppsm
	DEM Dz	0.19 m	Ground Density	4.42 ppsm
	Raw TIN Dz	N/A	Slope	9.32 °

Project Context

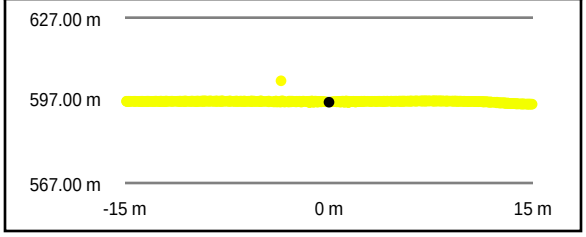


World Imagery

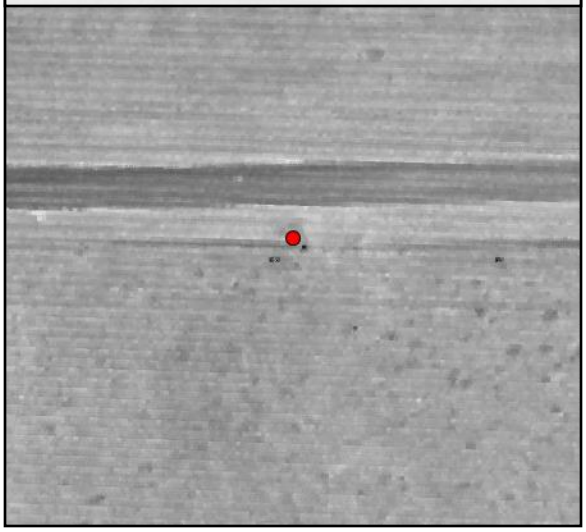
Southeast to Northwest



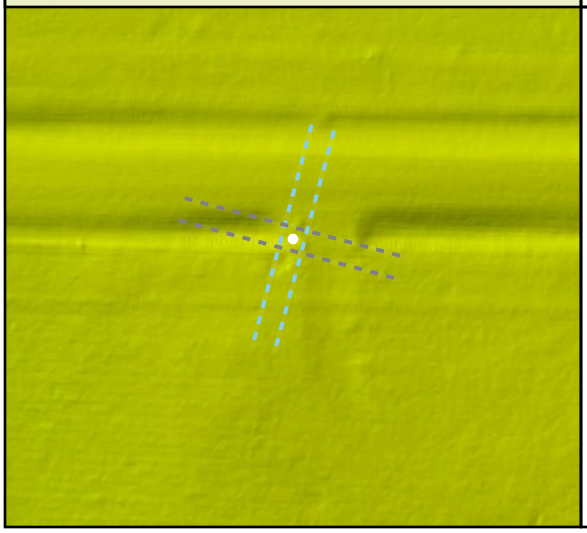
Southwest to Northeast



Intensity Raster

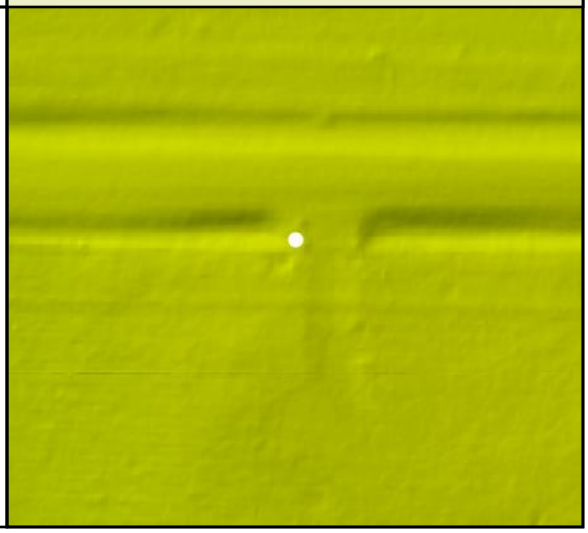


TIN Surface



Project Elevation

DEM Surface



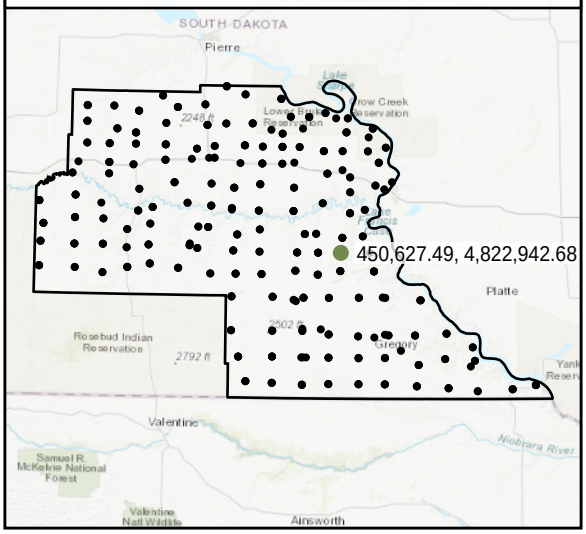
TW050

Known Z	567.99 m	Point Density	5.06 ppsm
DEM Dz	0.08 m	Ground Density	5.06 ppsm
Raw TIN Dz	N/A	Slope	1.78 °

DEM Dz +0.08 m

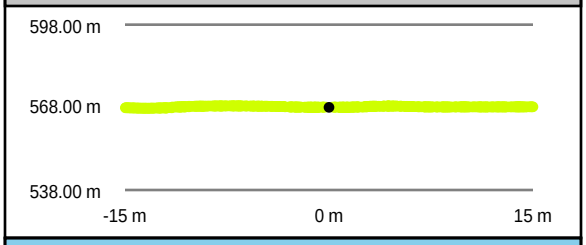
VVA - TW050

Project Context

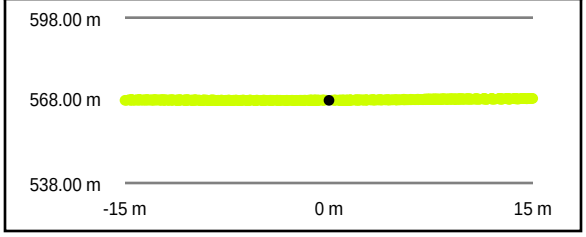


World Imagery

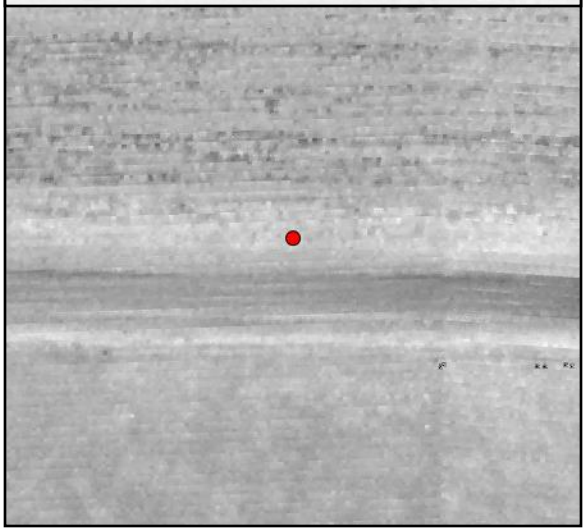
Southeast to Northwest



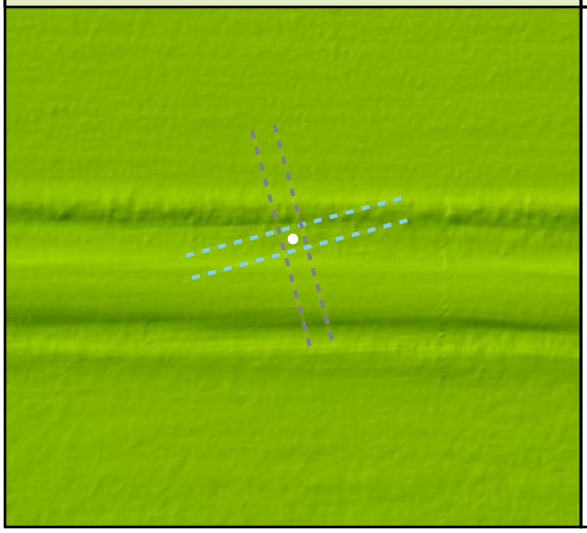
Southwest to Northeast



Intensity Raster

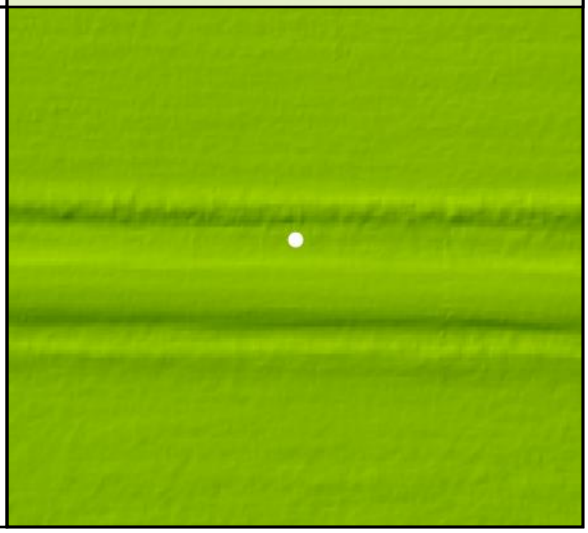


TIN Surface



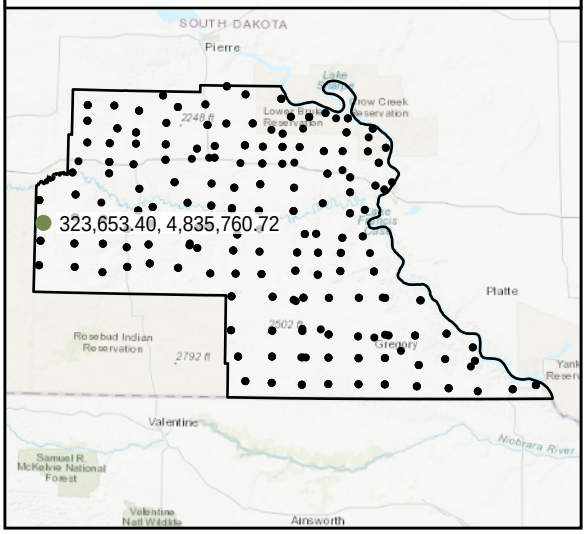
Project Elevation

DEM Surface



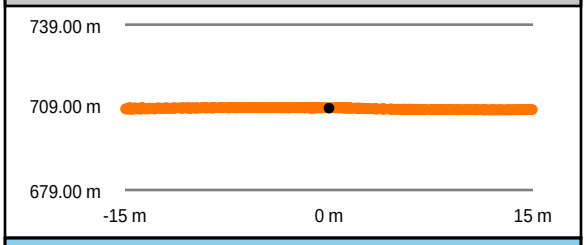
TW051				
	Known Z	708.70 m	Point Density	5.23 ppsm
	DEM Dz	0.15 m	Ground Density	5.13 ppsm
	Raw TIN Dz	N/A	Slope	4.31 °

Project Context

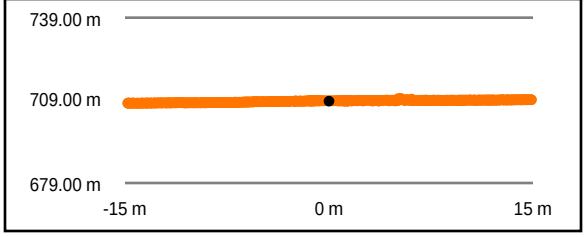


World Imagery

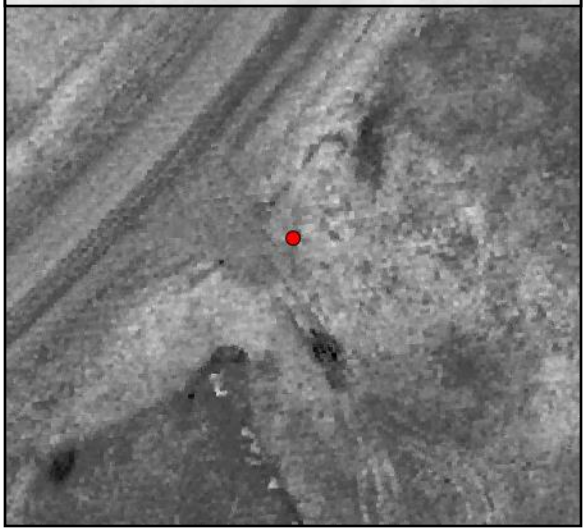
Southwest to Northeast



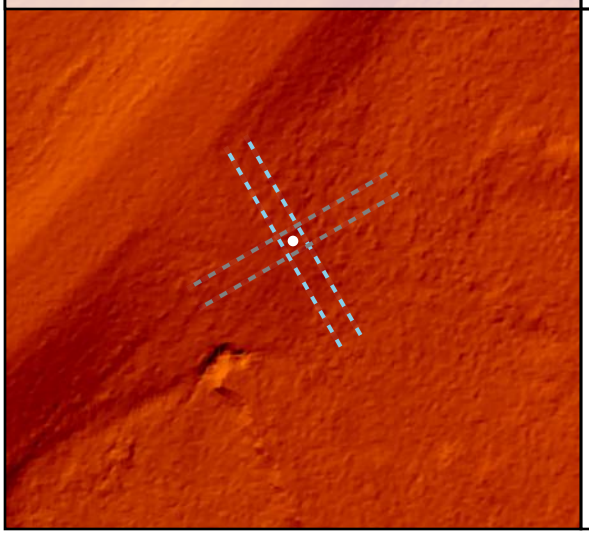
Southeast to Northwest



Intensity Raster

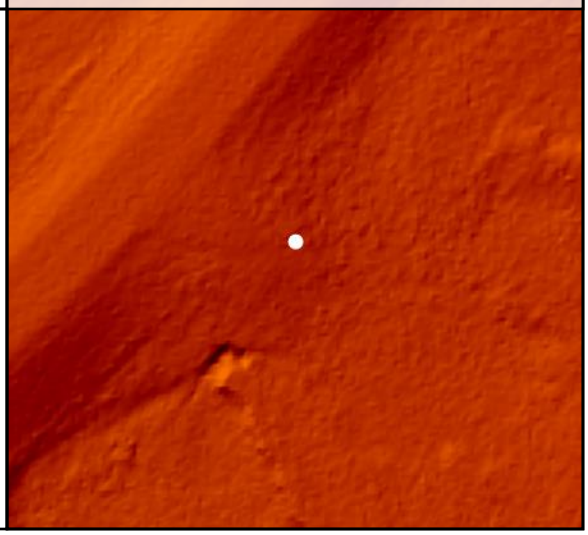


TIN Surface



Project Elevation

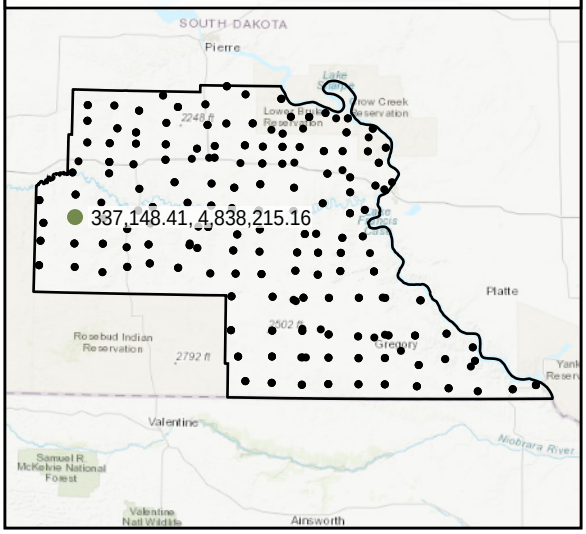
DEM Surface



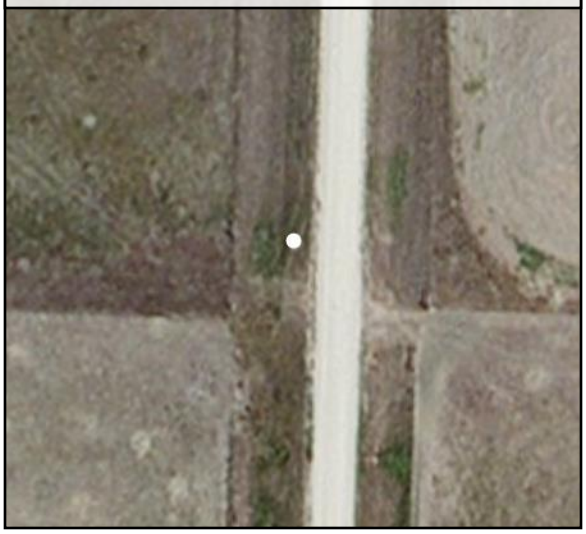
TW052

Known Z	717.82 m	Point Density	3.25 ppsm
DEM Dz	0.06 m	Ground Density	3.25 ppsm
Raw TIN Dz	N/A	Slope	6.60 °

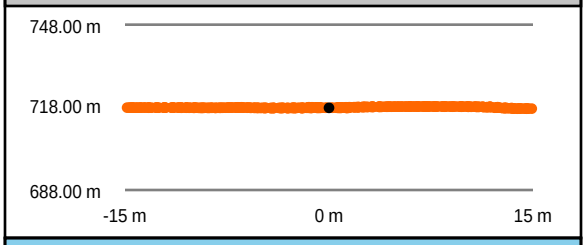
Project Context



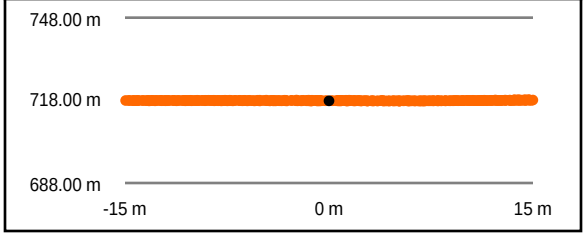
World Imagery



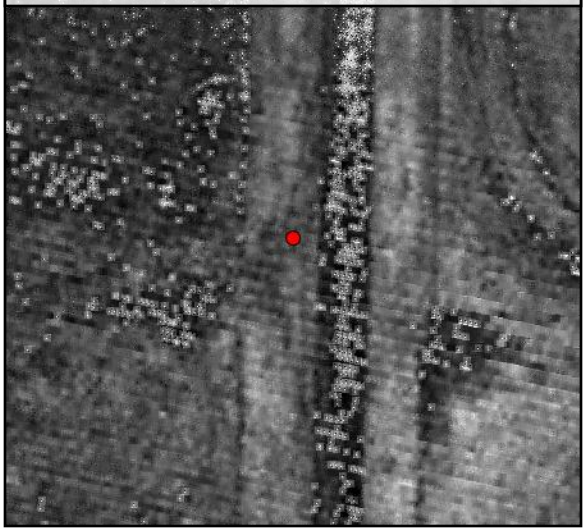
Southwest to Northeast



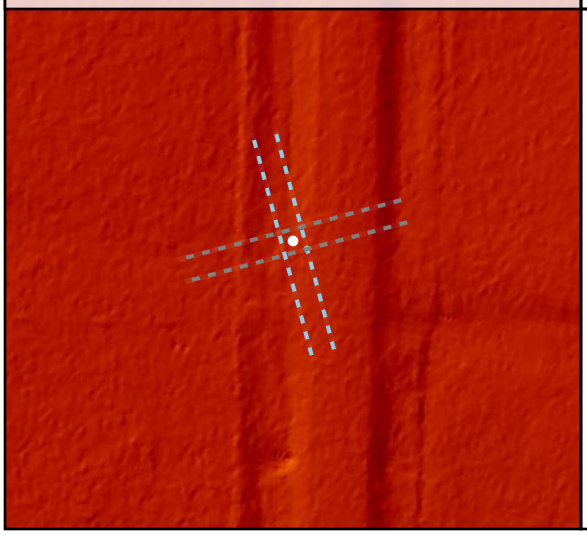
Southeast to Northwest



Intensity Raster

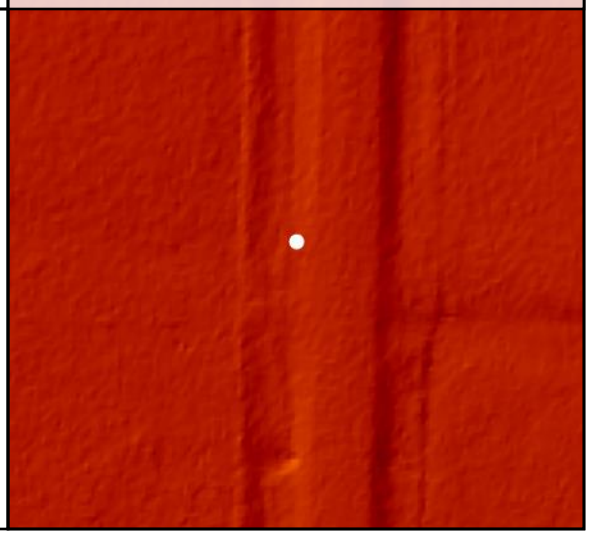


TIN Surface



Project Elevation

DEM Surface



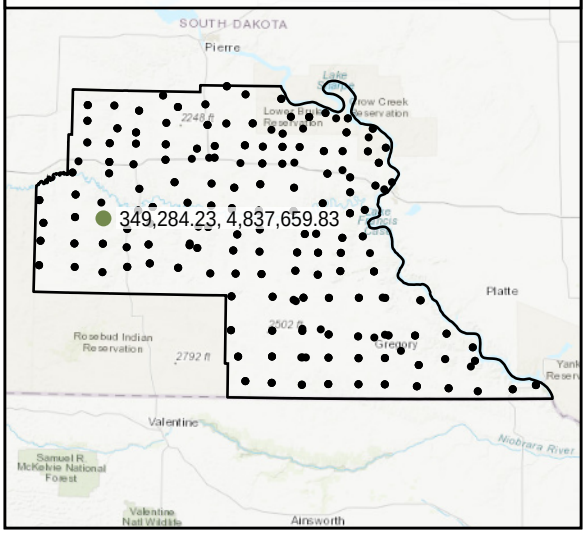
DEM Dz +0.06 m

VVA - TW052

TW053

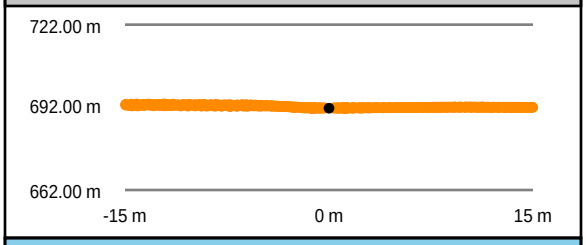
Known Z	691.68 m	Point Density	4.81 ppsm
DEM Dz	0.08 m	Ground Density	4.81 ppsm
Raw TIN Dz	N/A	Slope	1.04 °

Project Context

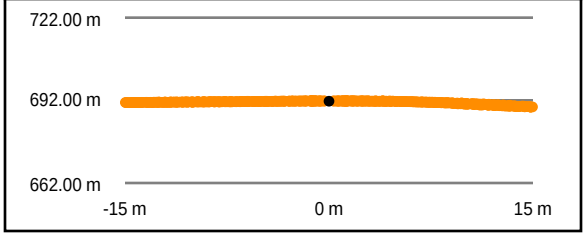


World Imagery

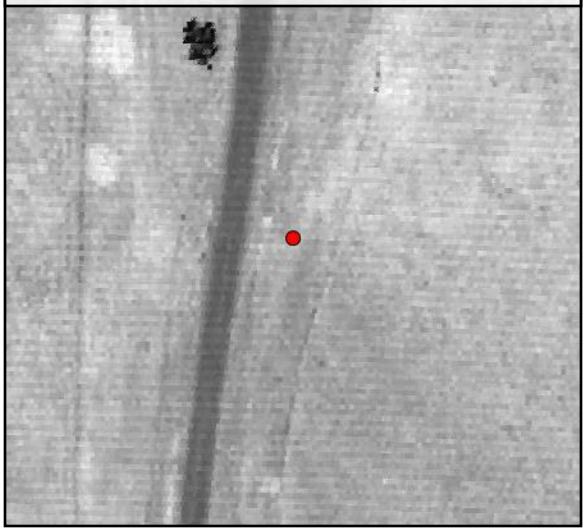
Southeast to Northwest



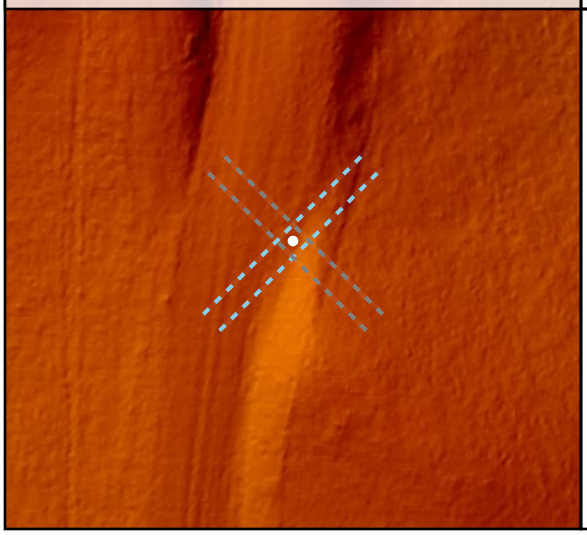
Southwest to Northeast



Intensity Raster

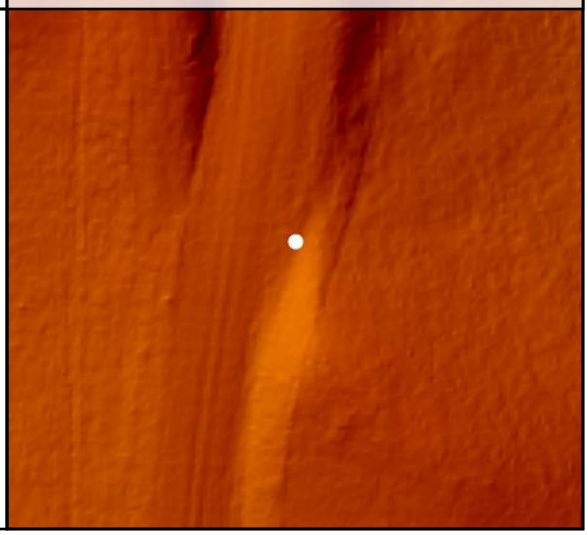


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.08 m

VVA - TW053

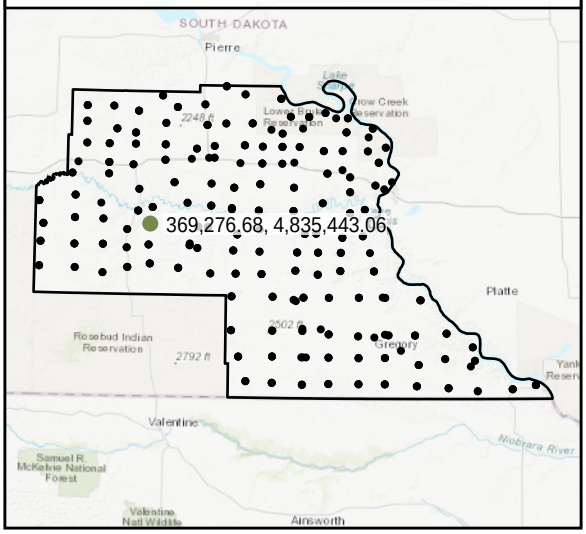
TW054

Known Z	655.35 m	Point Density	4.70 ppsm
DEM Dz	0.01 m	Ground Density	4.70 ppsm
Raw TIN Dz	N/A	Slope	4.33 °

DEM Dz +0.01 m

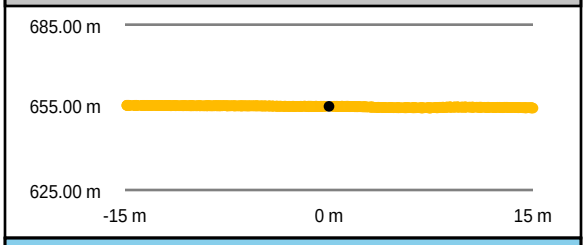
VVA - TW054

Project Context

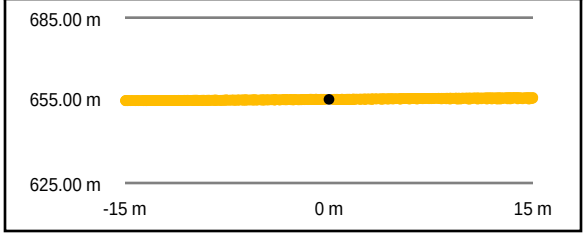


World Imagery

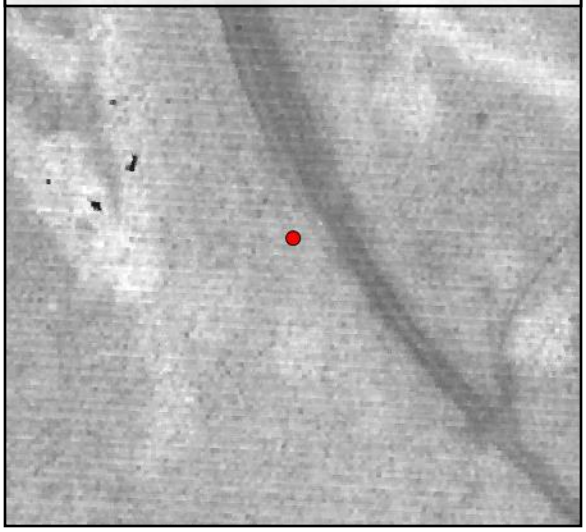
Southwest to Northeast



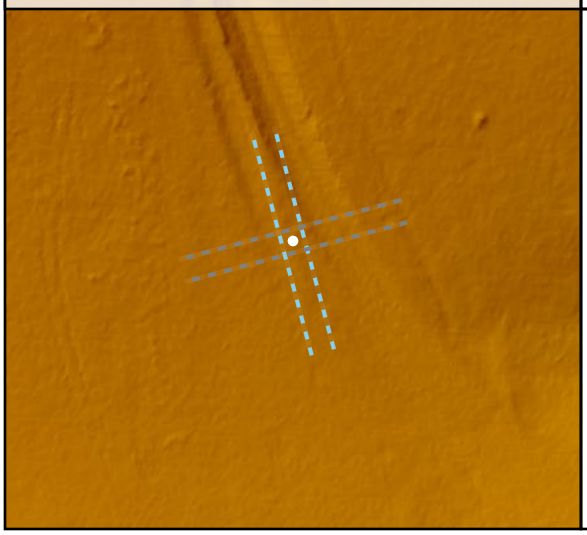
Southeast to Northwest



Intensity Raster



TIN Surface

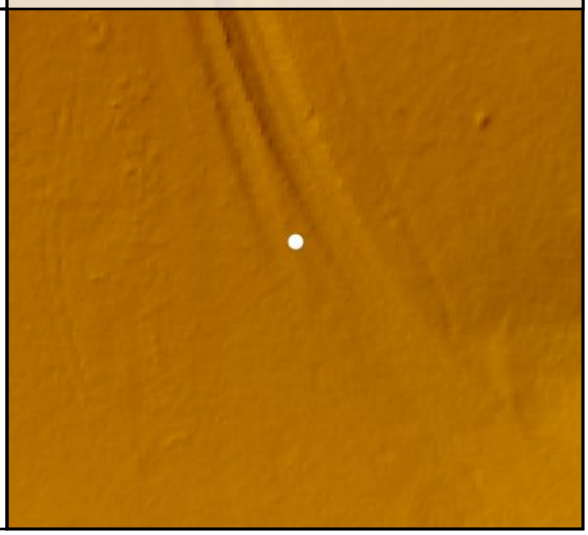


Project Elevation

795.78

413.64

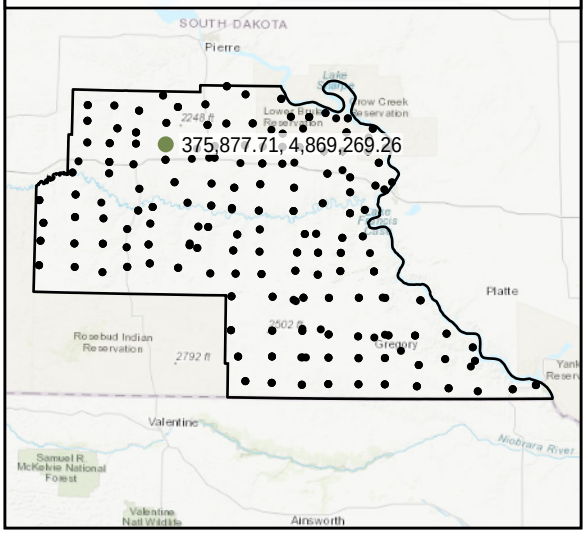
DEM Surface



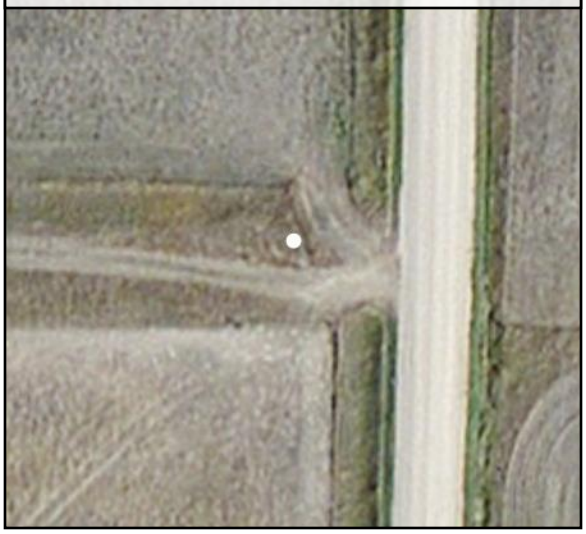
TW055

Known Z	701.33 m	Point Density	4.49 ppsm
DEM Dz	0.07 m	Ground Density	4.49 ppsm
Raw TIN Dz	N/A	Slope	5.25 °

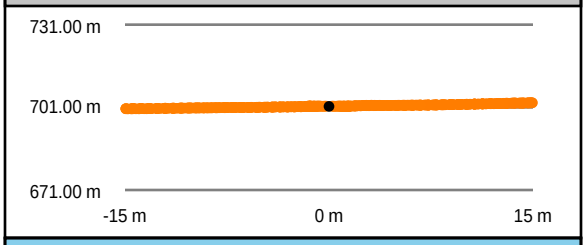
Project Context



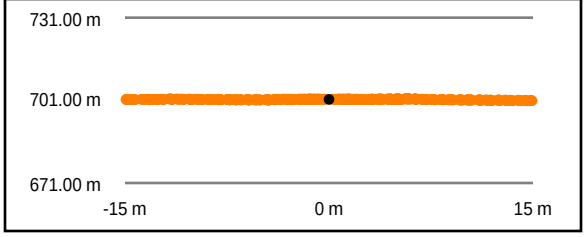
World Imagery



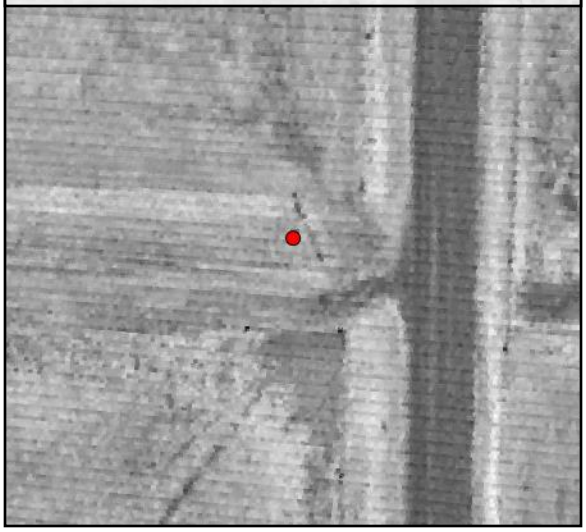
West to East



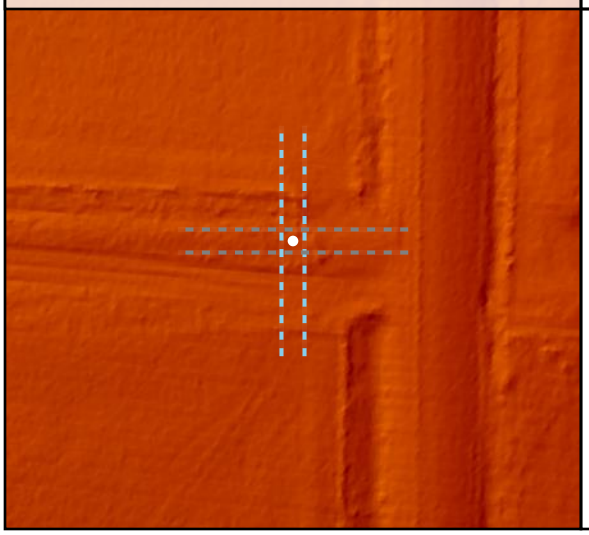
South to North



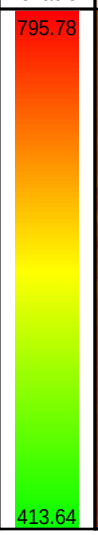
Intensity Raster



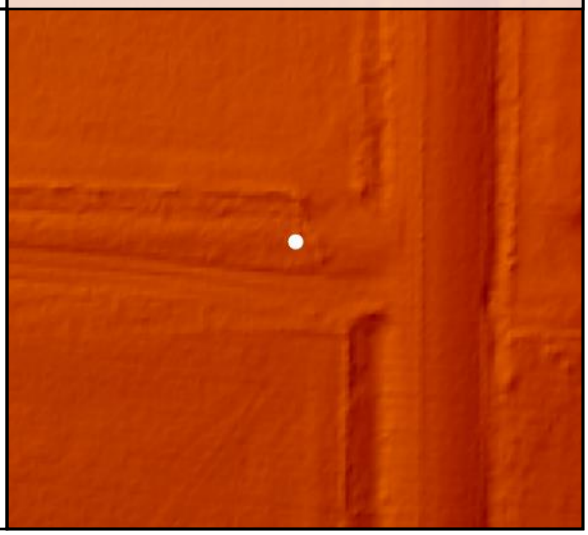
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.07 m

VVA - TW055

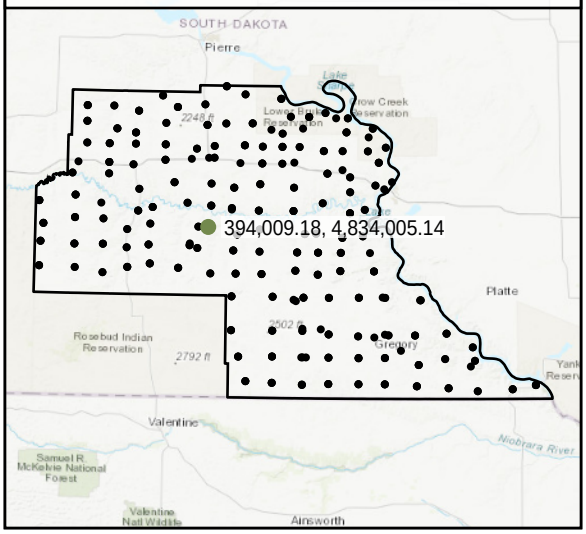
TW056

Known Z	615.20 m	Point Density	4.85 ppsm
DEM Dz	0.09 m	Ground Density	4.85 ppsm
Raw TIN Dz	N/A	Slope	4.28 °

DEM Dz +0.09 m

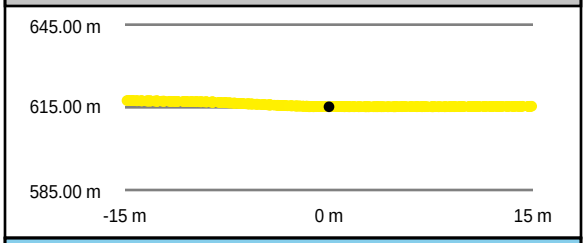
VVA - TW056

Project Context

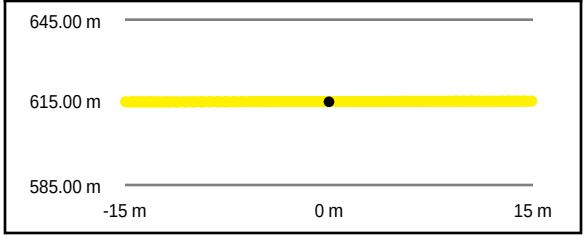


World Imagery

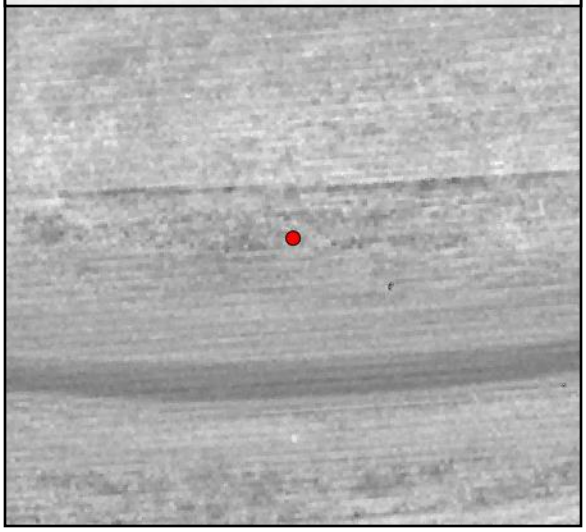
South to North



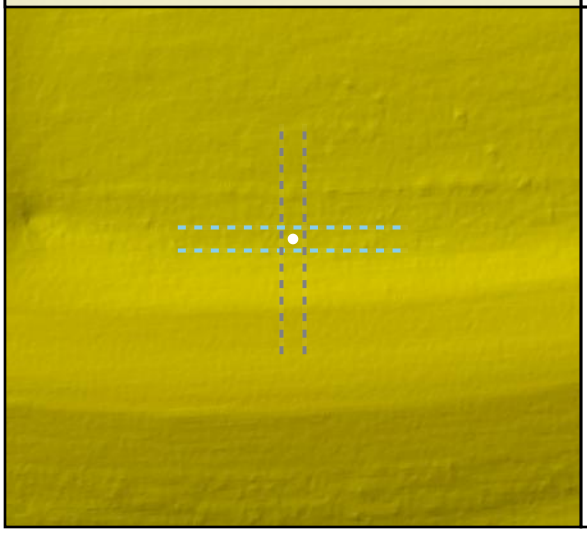
West to East



Intensity Raster

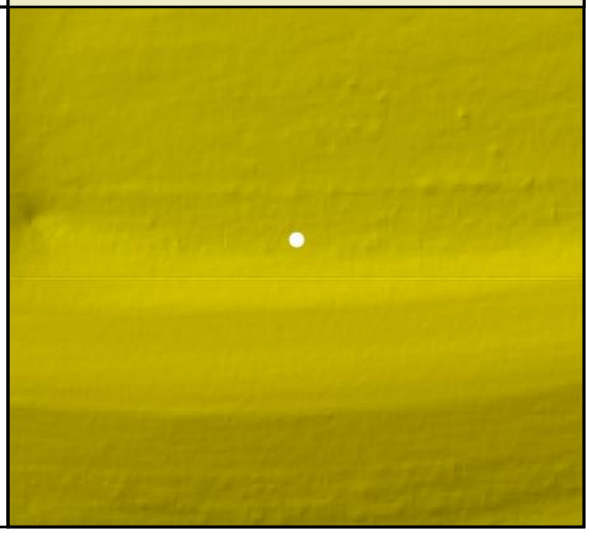


TIN Surface



Project Elevation

DEM Surface



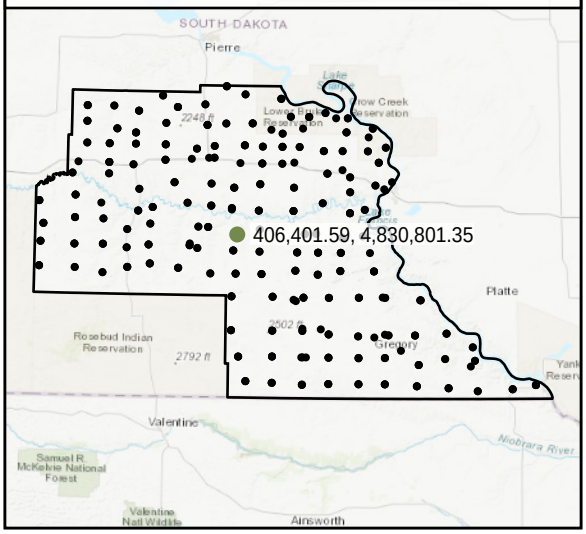
TW057

Known Z	601.12 m	Point Density	4.63 ppsm
DEM Dz	0.00 m	Ground Density	4.63 ppsm
Raw TIN Dz	N/A	Slope	5.09 °

DEM Dz +0.00 m

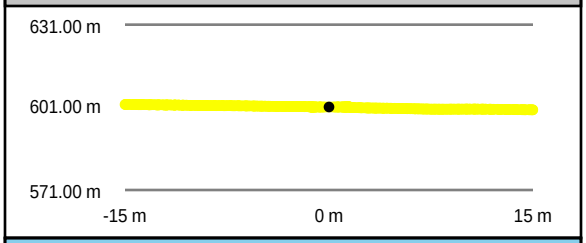
VVA - TW057

Project Context

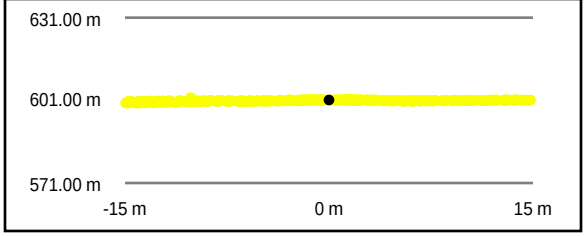


World Imagery

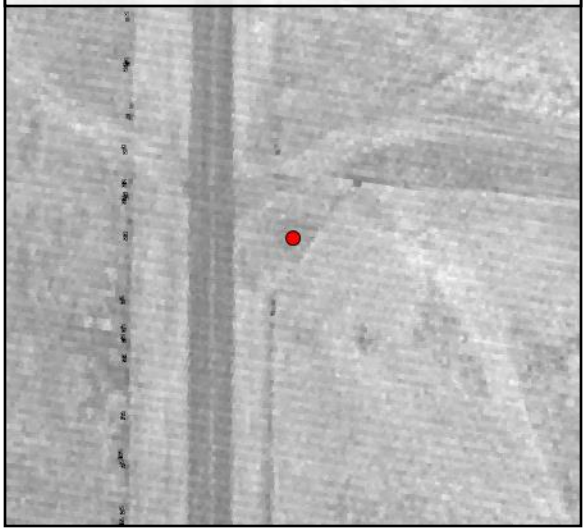
Southeast to Northwest



Southwest to Northeast



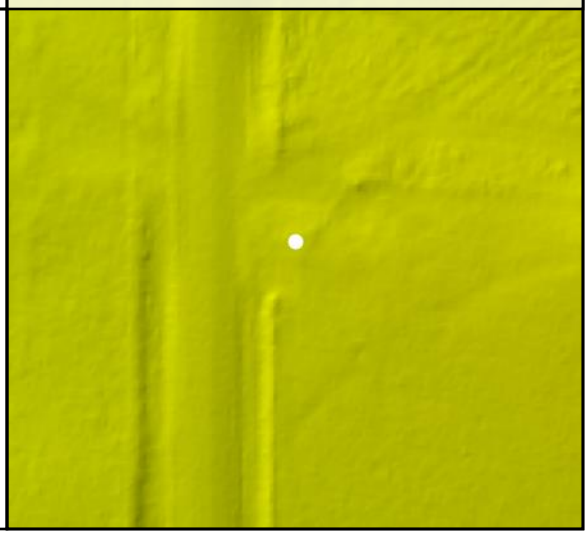
Intensity Raster



TIN Surface

Project Elevation

DEM Surface



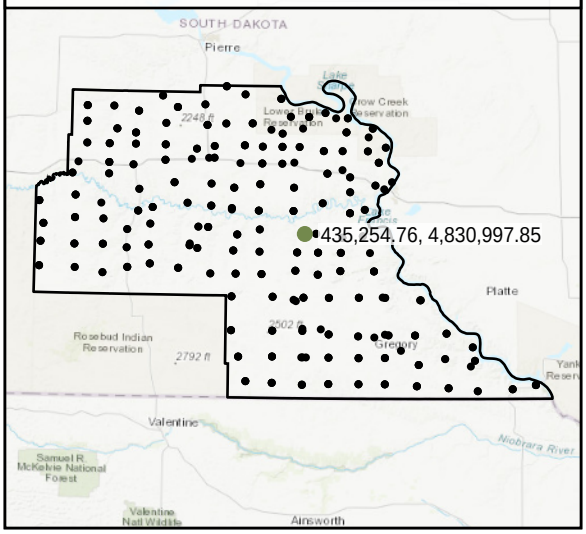
TW058

Known Z	578.65 m	Point Density	4.77 ppsm
DEM Dz	0.03 m	Ground Density	4.77 ppsm
Raw TIN Dz	N/A	Slope	1.45 °

DEM Dz +0.03 m

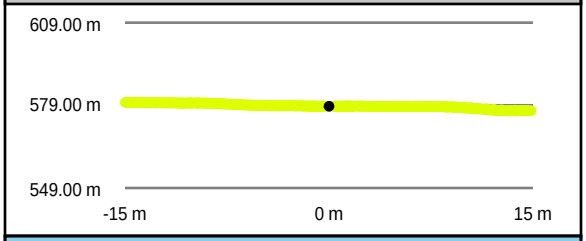
VVA - TW058

Project Context

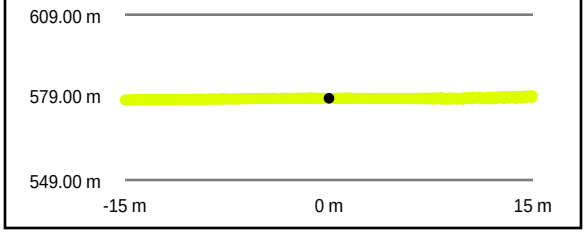


World Imagery

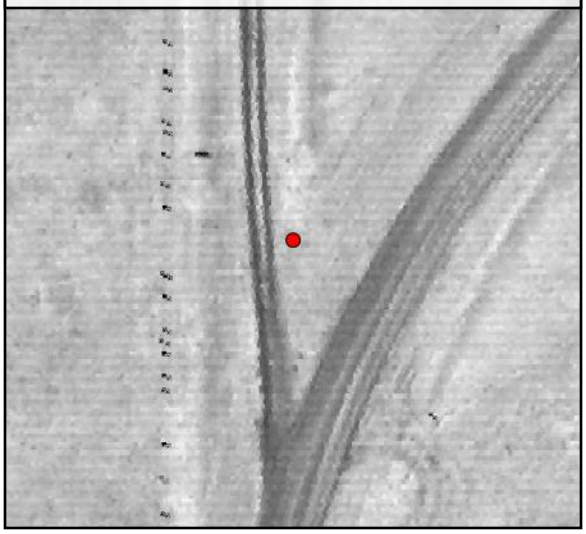
Southeast to Northwest



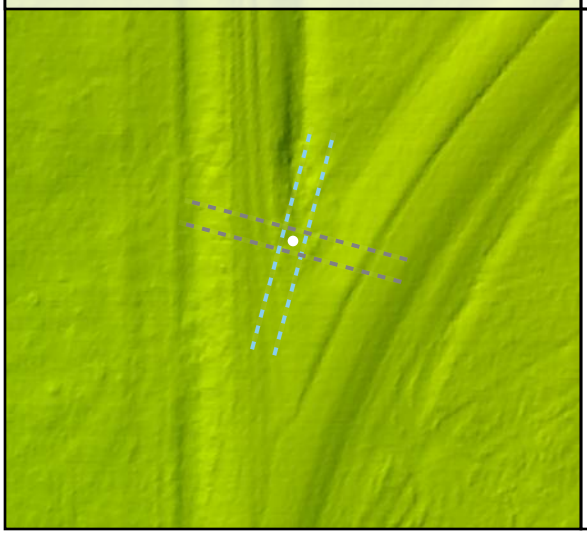
Southwest to Northeast



Intensity Raster



TIN Surface



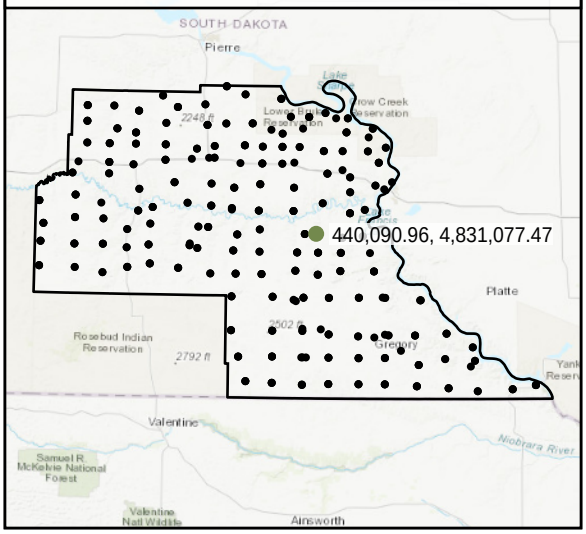
Project Elevation

DEM Surface

TW059

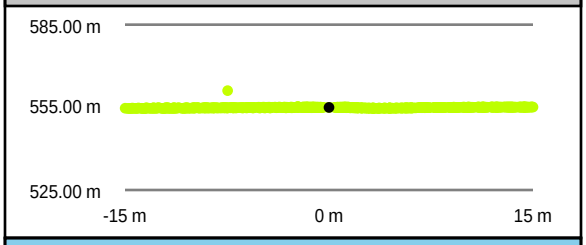
Known Z	554.97 m	Point Density	5.41 ppsm
DEM Dz	0.02 m	Ground Density	5.31 ppsm
Raw TIN Dz	N/A	Slope	5.65 °

Project Context

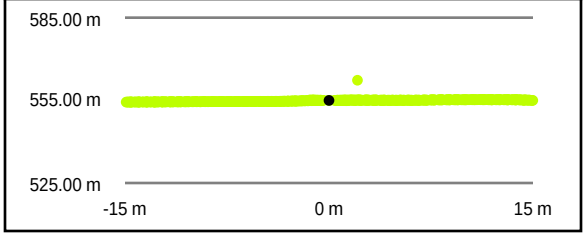


World Imagery

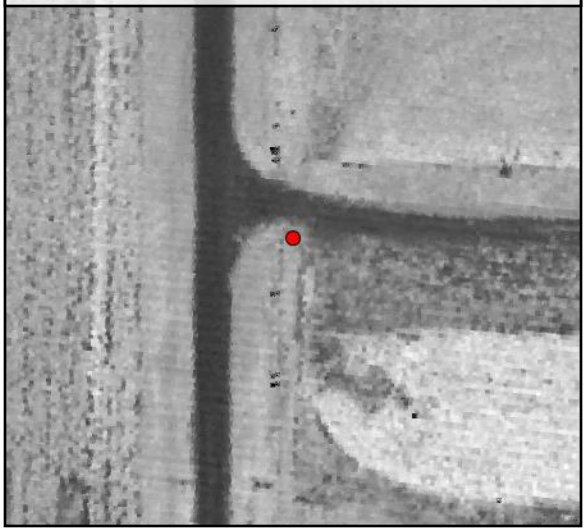
Southwest to Northeast



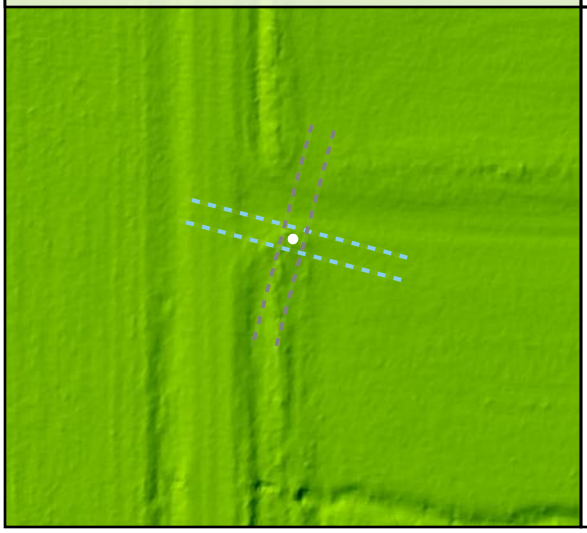
Southeast to Northwest



Intensity Raster

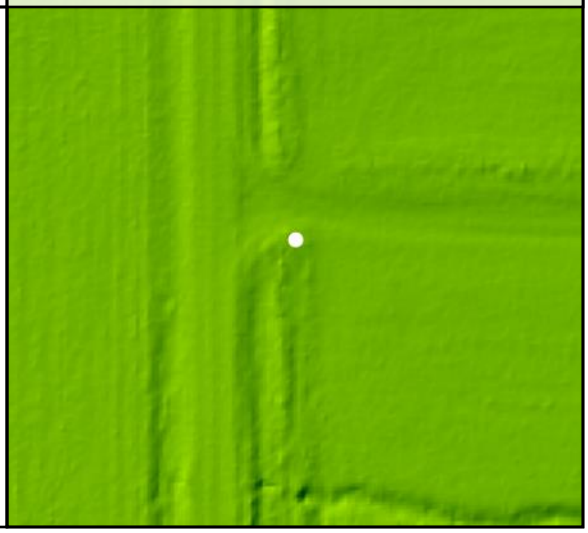


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

VVA - TW059

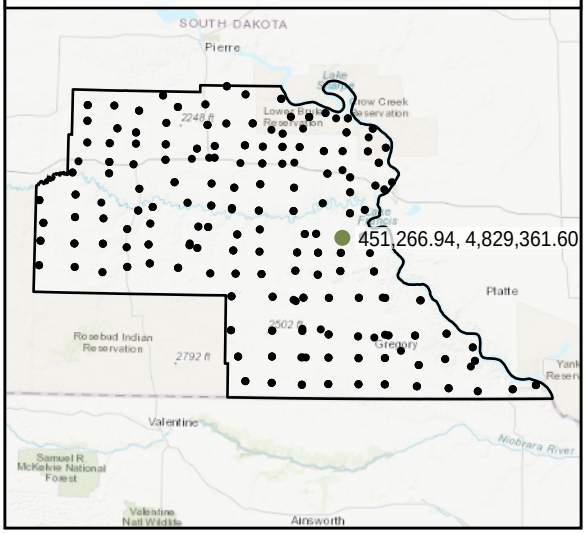
TW060

Known Z	538.07 m	Point Density	4.28 ppsm
DEM Dz	0.15 m	Ground Density	4.28 ppsm
Raw TIN Dz	N/A	Slope	6.19 °

DEM Dz +0.15 m

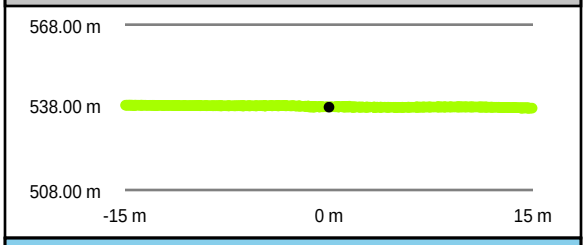
VVA - TW060

Project Context

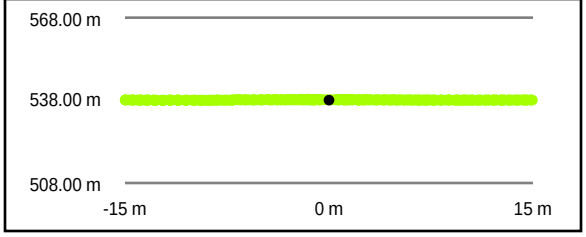


World Imagery

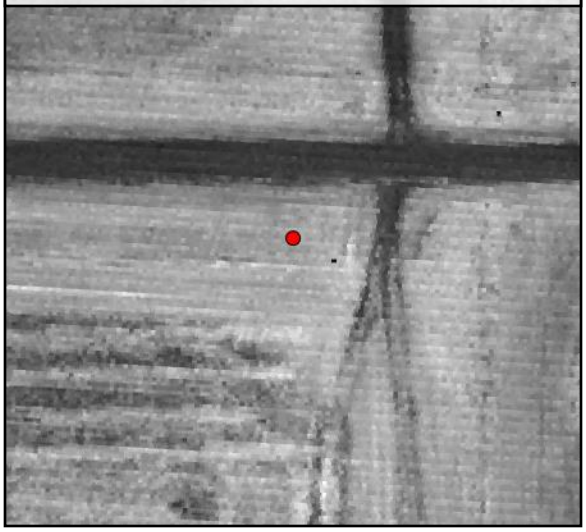
Southwest to Northeast



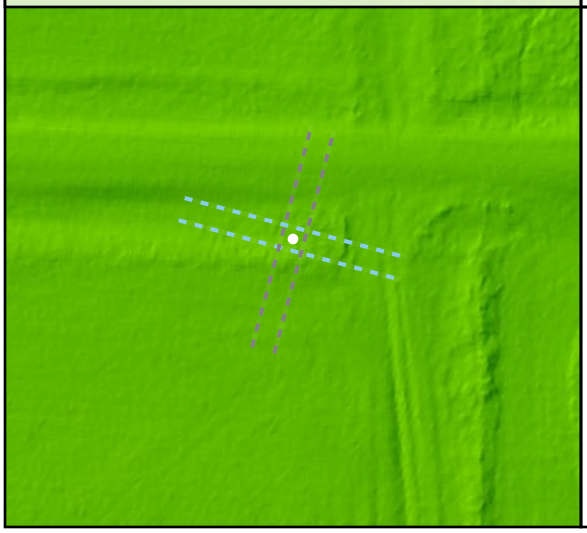
Southeast to Northwest



Intensity Raster

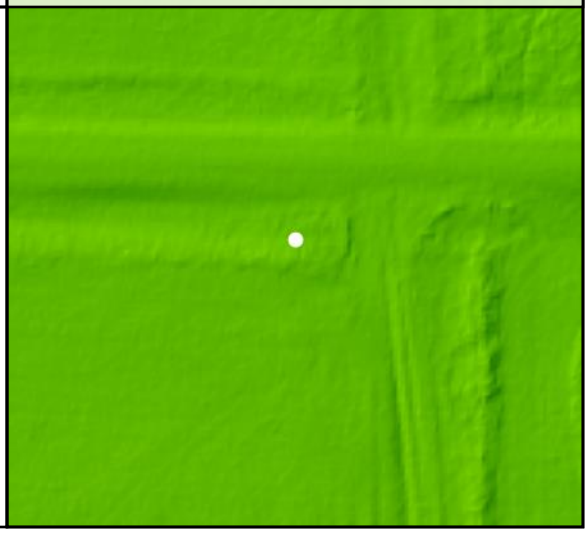


TIN Surface



Project Elevation

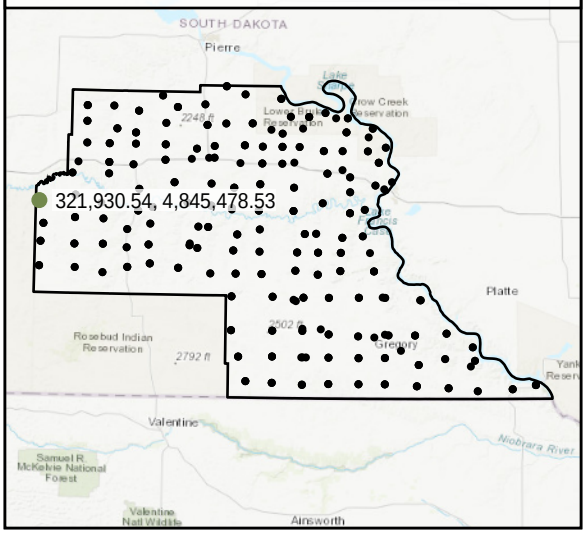
DEM Surface



TW061

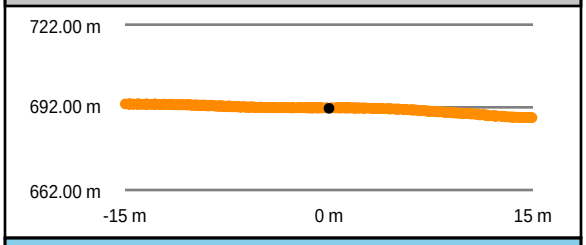
Known Z	691.63 m	Point Density	4.35 ppsm
DEM Dz	0.19 m	Ground Density	4.35 ppsm
Raw TIN Dz	N/A	Slope	1.26 °

Project Context

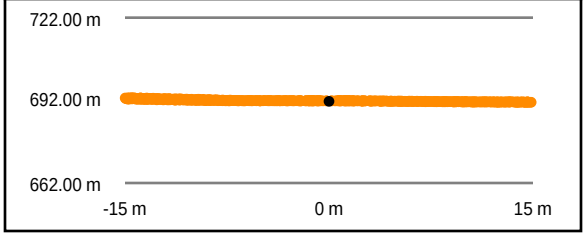


World Imagery

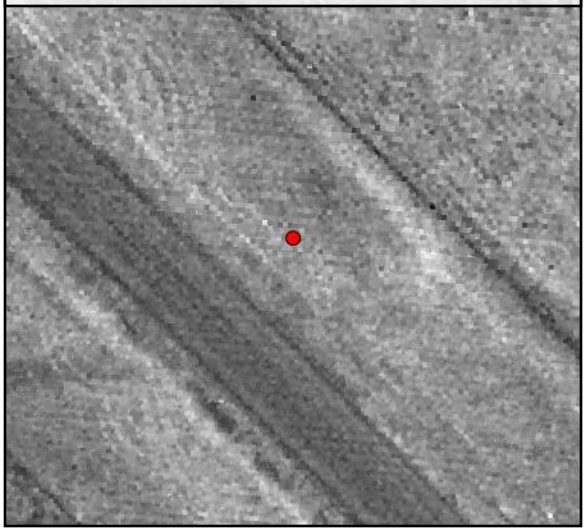
Southwest to Northeast



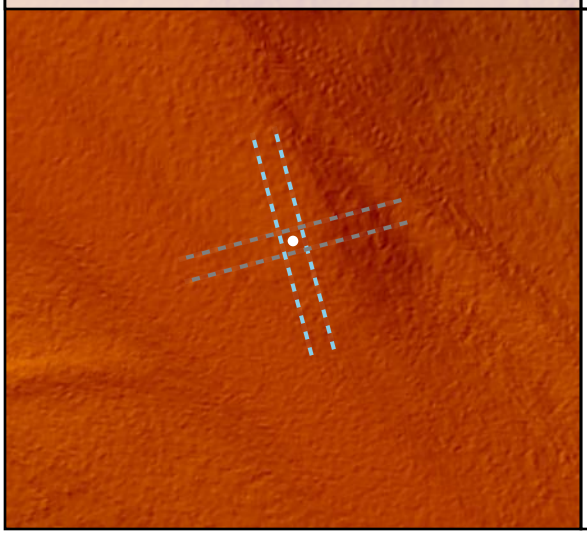
Southeast to Northwest



Intensity Raster

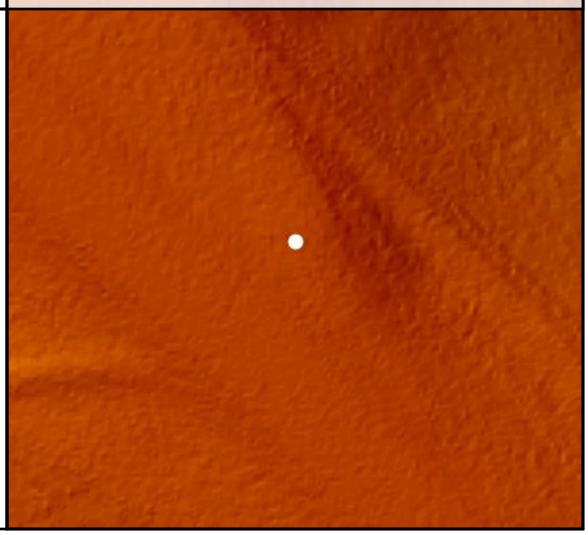


TIN Surface



Project Elevation

DEM Surface



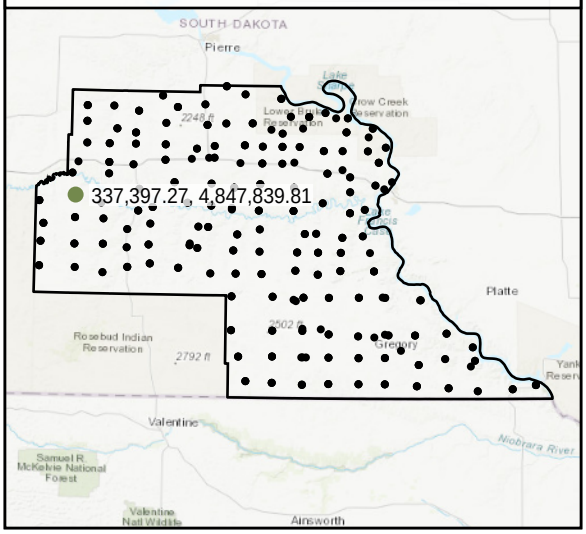
DEM Dz +0.19 m

VVA - TW061

TW062

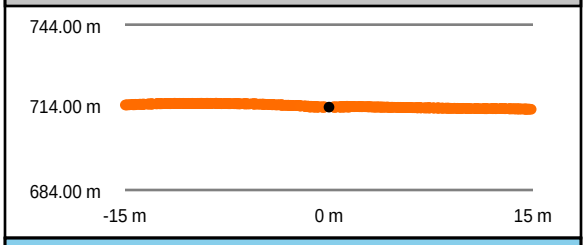
Known Z	714.07 m	Point Density	5.38 ppsm
DEM Dz	0.04 m	Ground Density	5.38 ppsm
Raw TIN Dz	N/A	Slope	7.38 °

Project Context

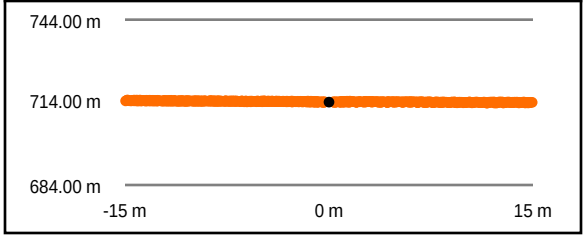


World Imagery

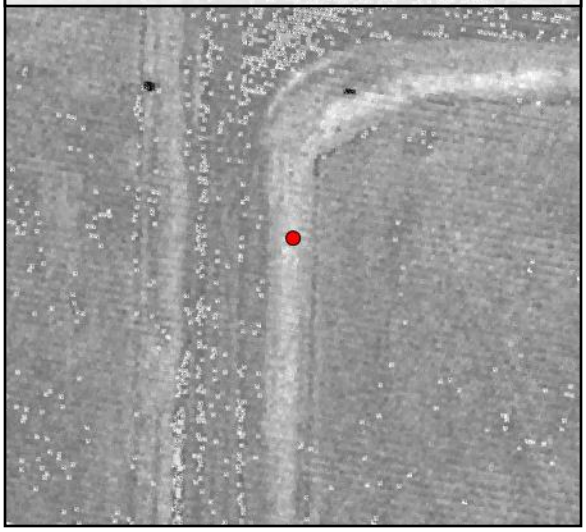
West to East



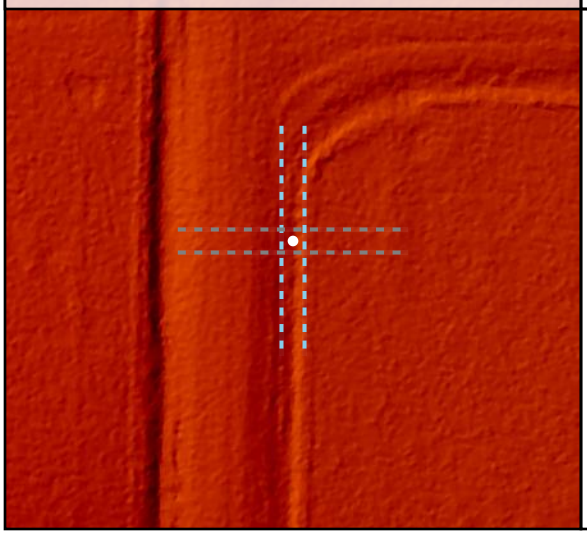
South to North



Intensity Raster

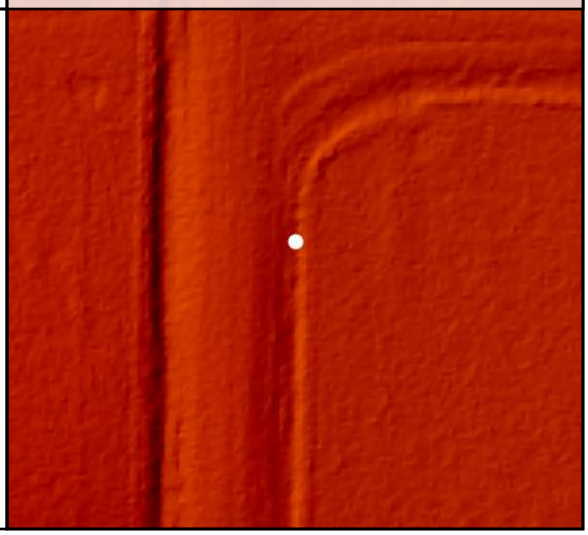


TIN Surface



Project Elevation

DEM Surface



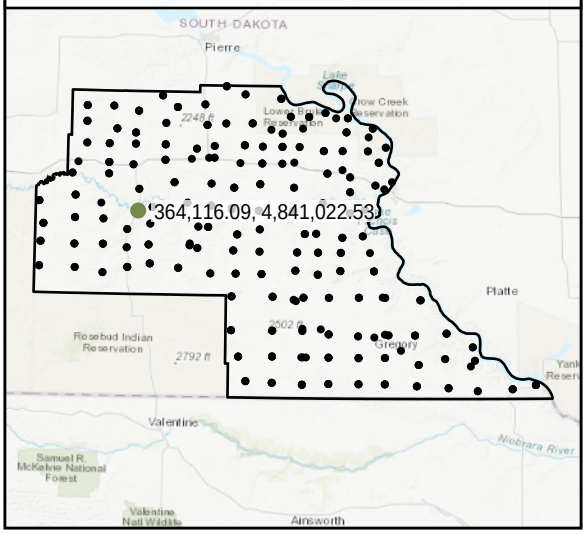
DEM Dz +0.04 m

VVA - TW062

TW063

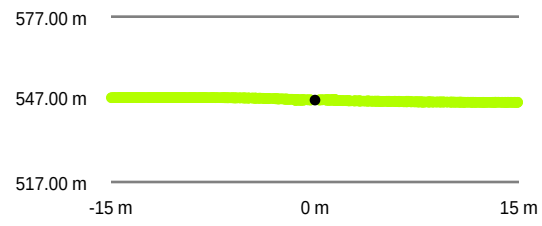
Known Z	546.72 m	Point Density	4.53 ppsm
DEM Dz	0.07 m	Ground Density	4.53 ppsm
Raw TIN Dz	N/A	Slope	6.93 °

Project Context

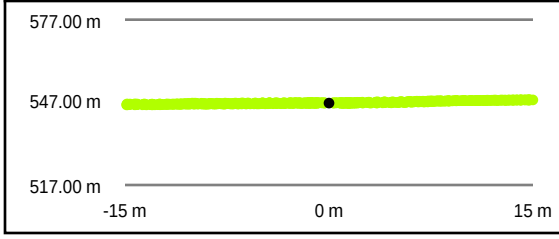


World Imagery

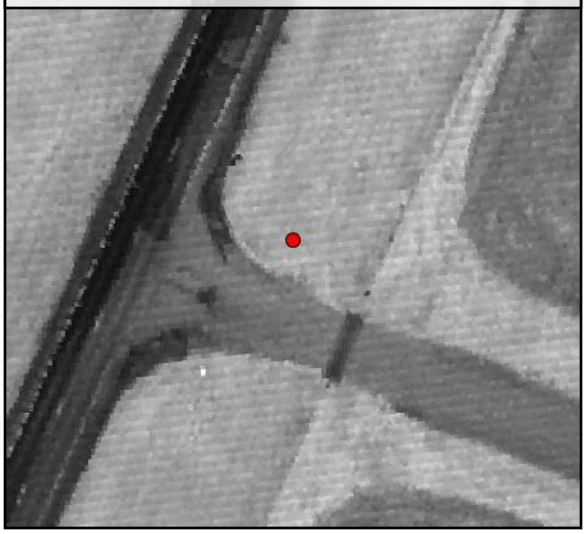
Southwest to Northeast



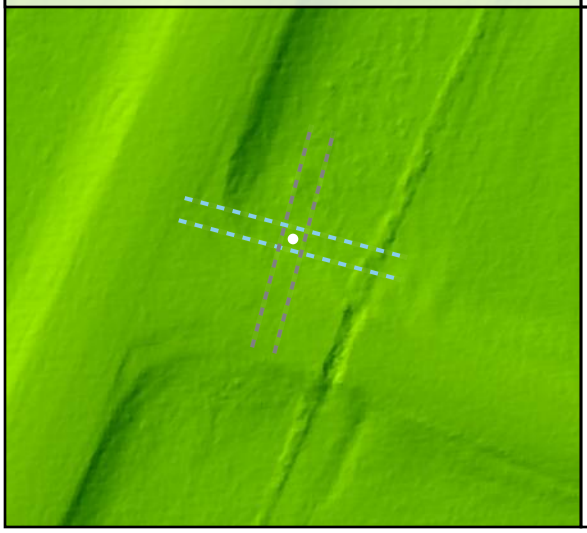
Southeast to Northwest



Intensity Raster

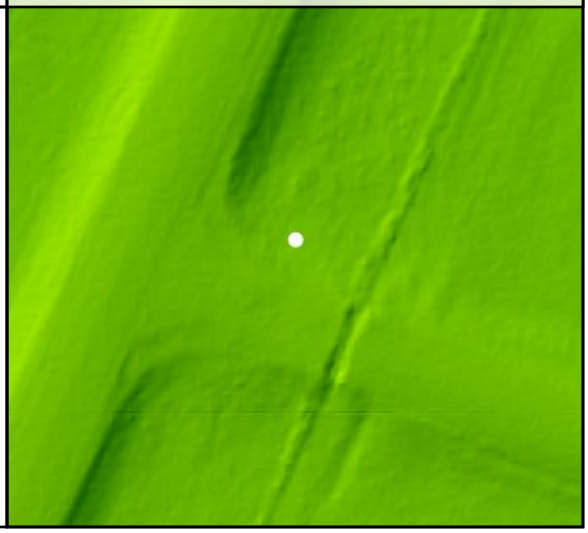


TIN Surface



Project Elevation

DEM Surface



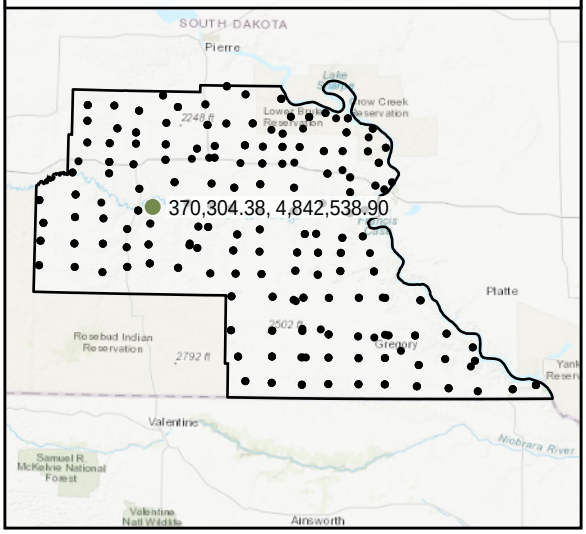
DEM Dz +0.07 m

VVA - TW063

TW064

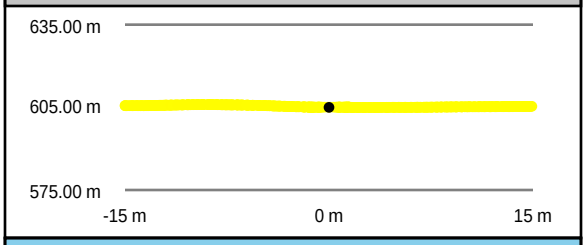
Known Z	604.99 m	Point Density	4.46 ppsm
DEM Dz	0.08 m	Ground Density	4.46 ppsm
Raw TIN Dz	N/A	Slope	1.56 °

Project Context

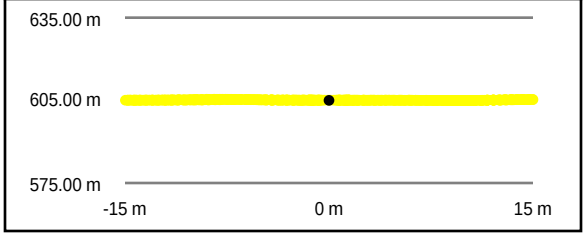


World Imagery

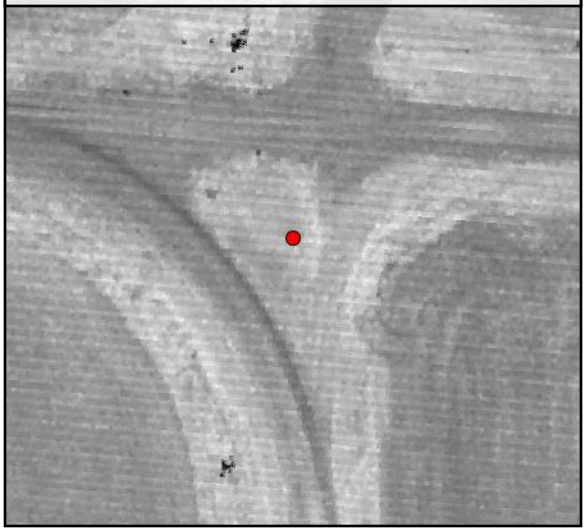
Southwest to Northeast



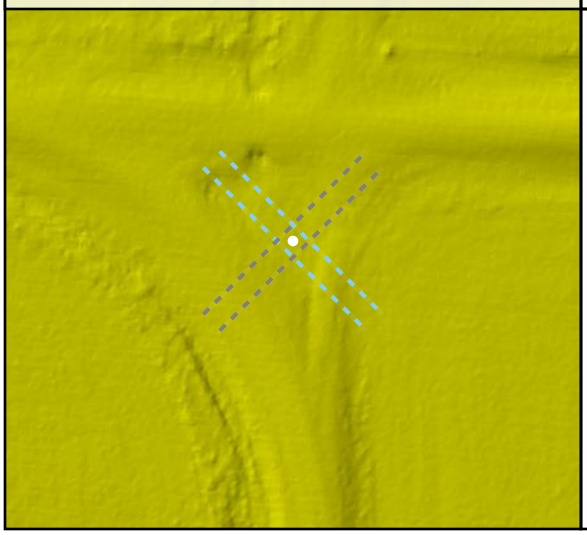
Southeast to Northwest



Intensity Raster

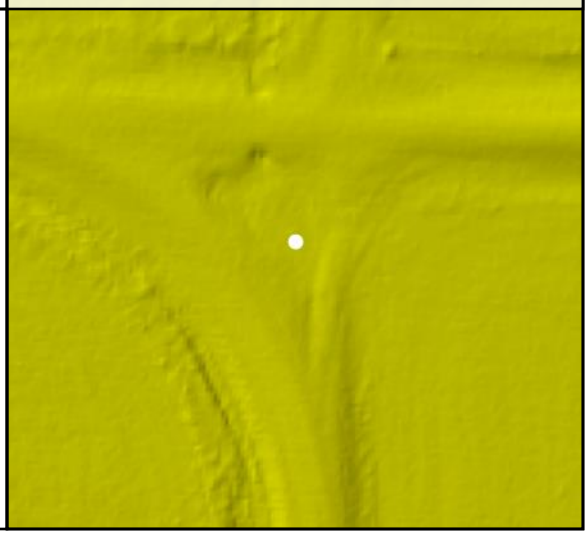


TIN Surface



Project Elevation

DEM Surface



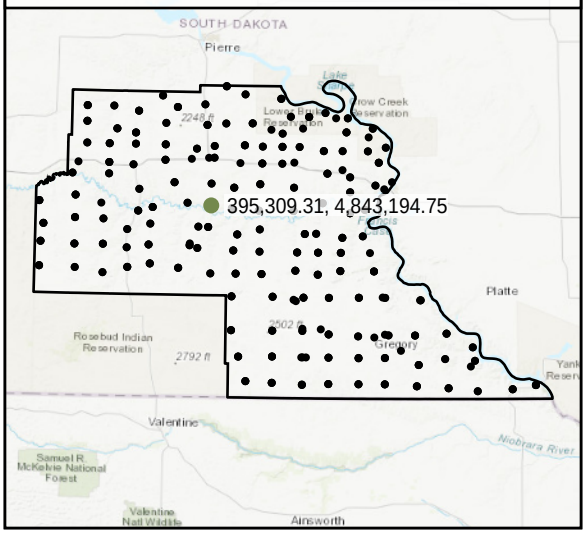
DEM Dz +0.08 m

VVA - TW064

TW065

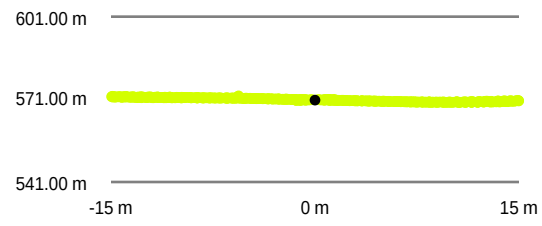
Known Z	570.71 m	Point Density	4.74 ppsm
DEM Dz	0.12 m	Ground Density	4.74 ppsm
Raw TIN Dz	N/A	Slope	7.97 °

Project Context

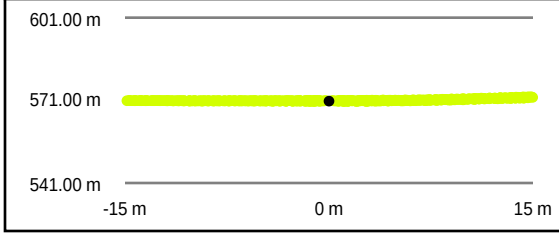


World Imagery

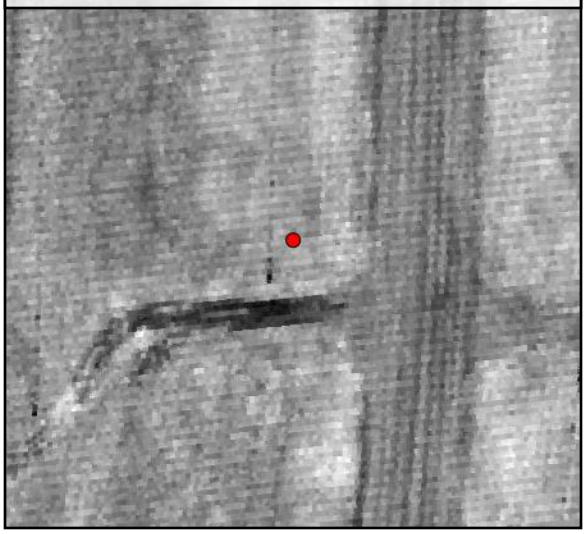
Southwest to Northeast



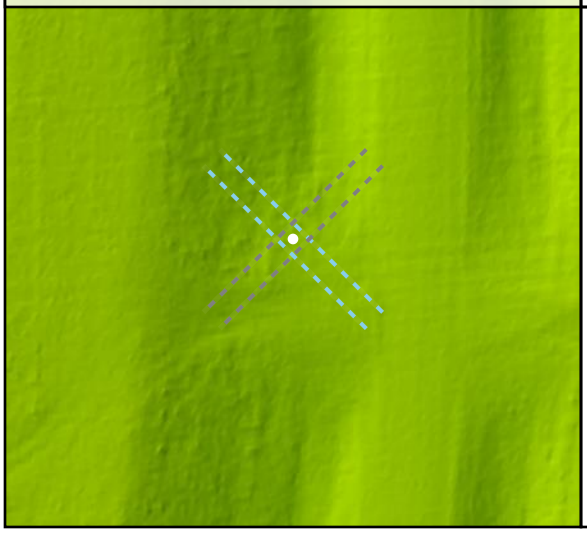
Southeast to Northwest



Intensity Raster

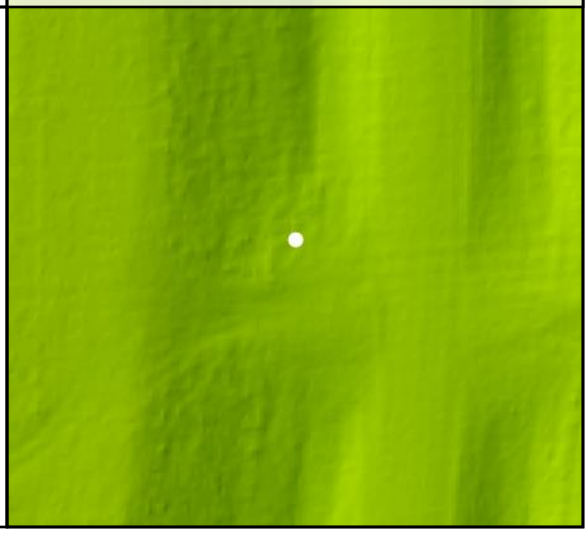


TIN Surface



Project Elevation

DEM Surface



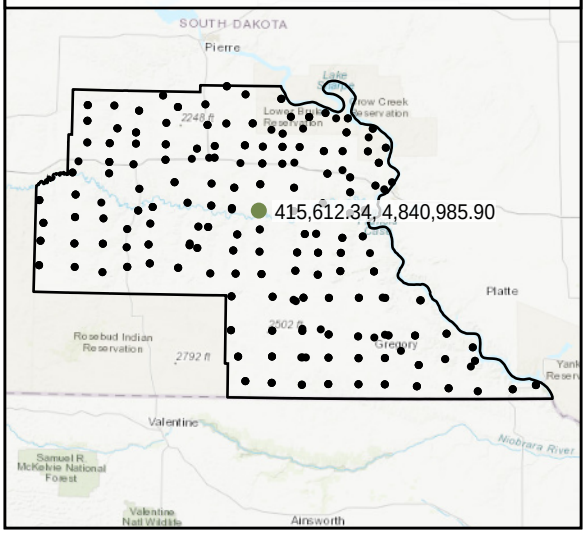
DEM Dz +0.12 m

VVA - TW065

TW066

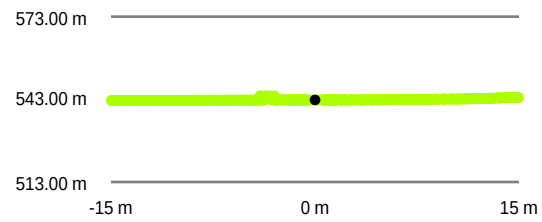
Known Z	542.78 m	Point Density	4.85 ppsm
DEM Dz	-0.01 m	Ground Density	4.81 ppsm
Raw TIN Dz	N/A	Slope	5.79 °

Project Context

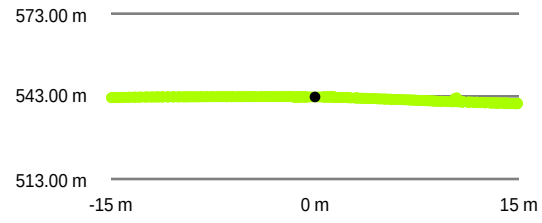


World Imagery

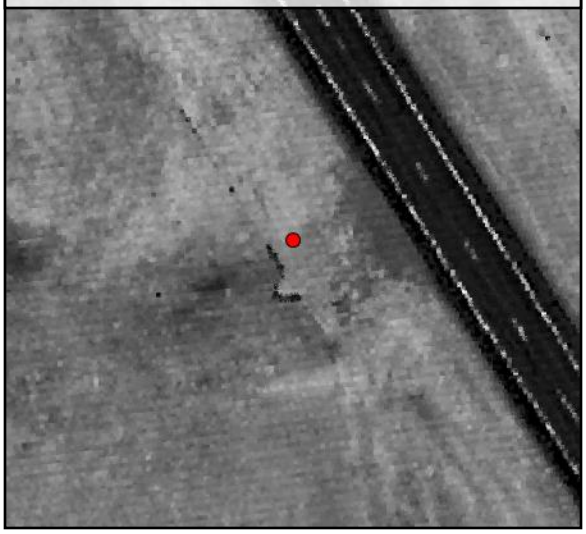
Southwest to Northeast



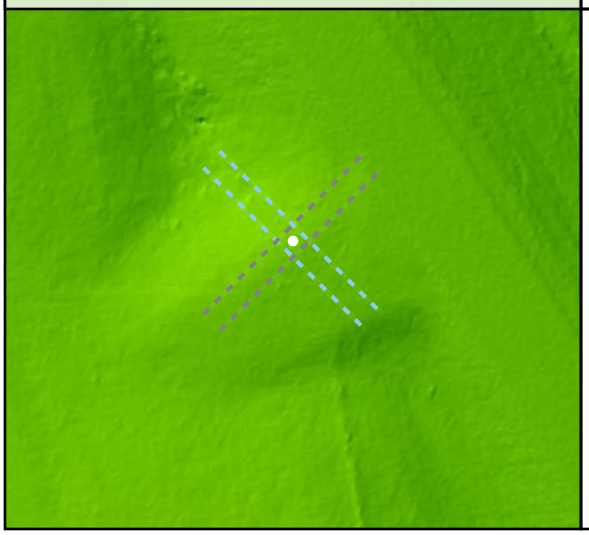
Southeast to Northwest



Intensity Raster

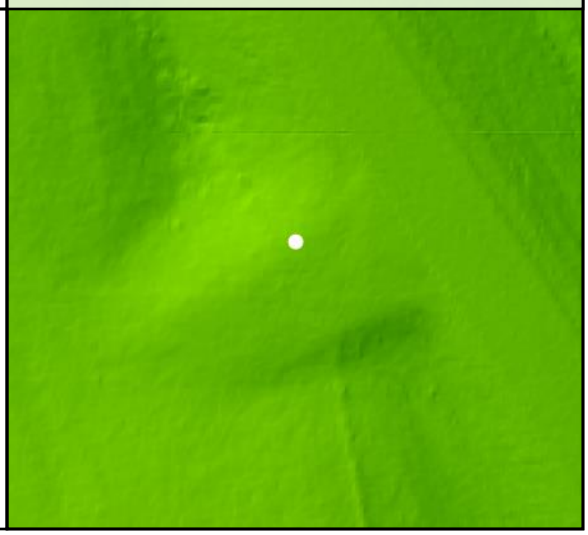


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

VVA - TW066

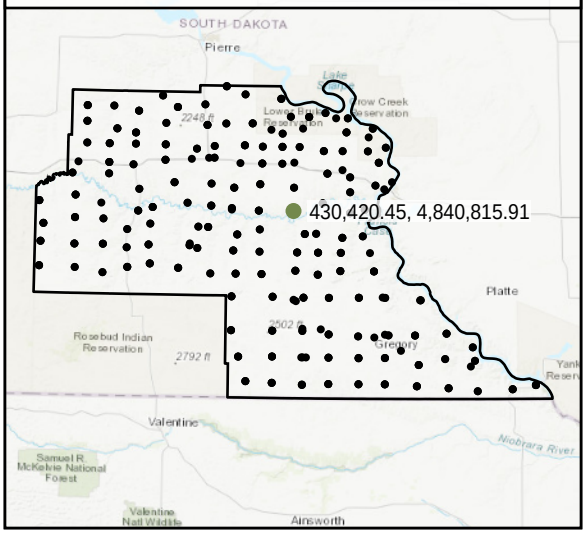
TW067

Known Z	537.66 m	Point Density	4.56 ppsm
DEM Dz	0.11 m	Ground Density	4.56 ppsm
Raw TIN Dz	N/A	Slope	5.18 °

DEM Dz +0.11 m

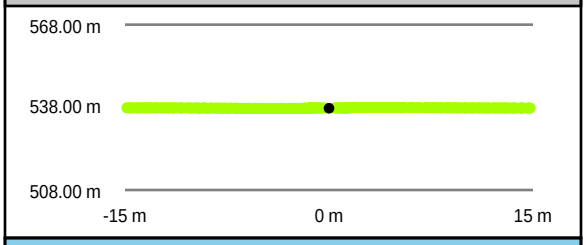
VVA - TW067

Project Context

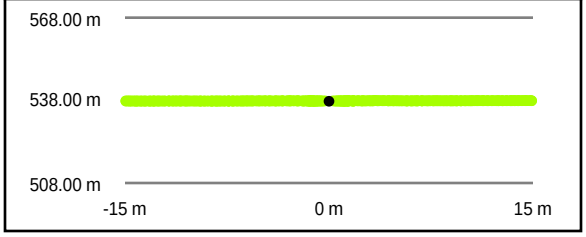


World Imagery

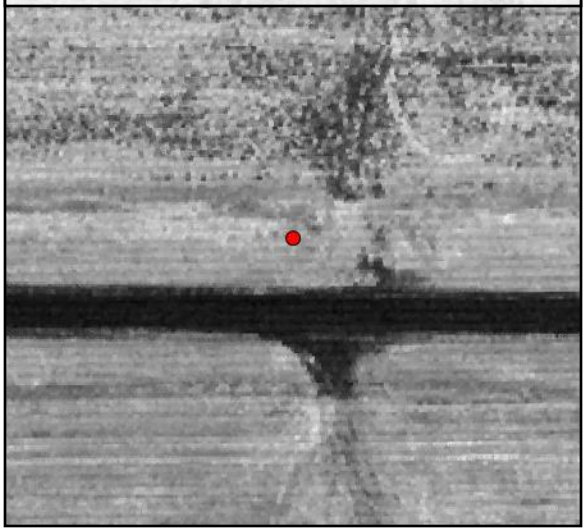
Southwest to Northeast



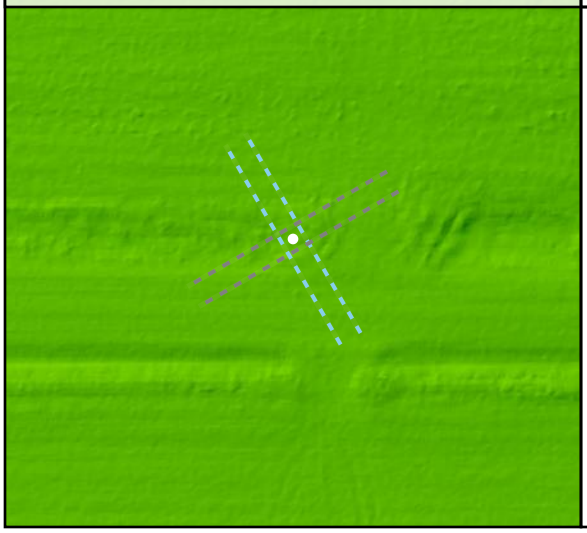
Southeast to Northwest



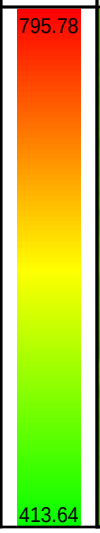
Intensity Raster



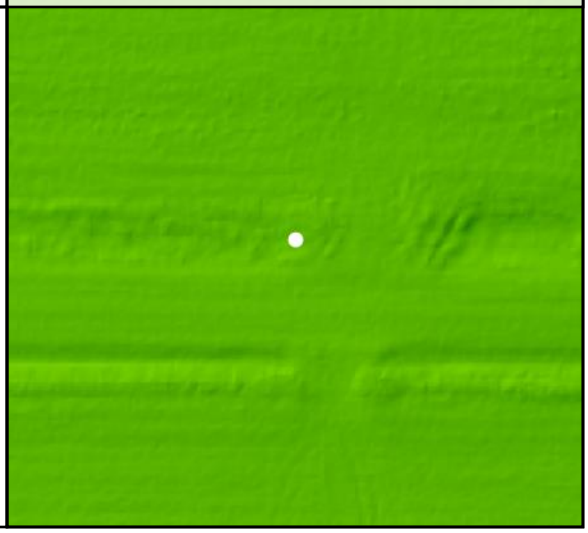
TIN Surface



Project Elevation

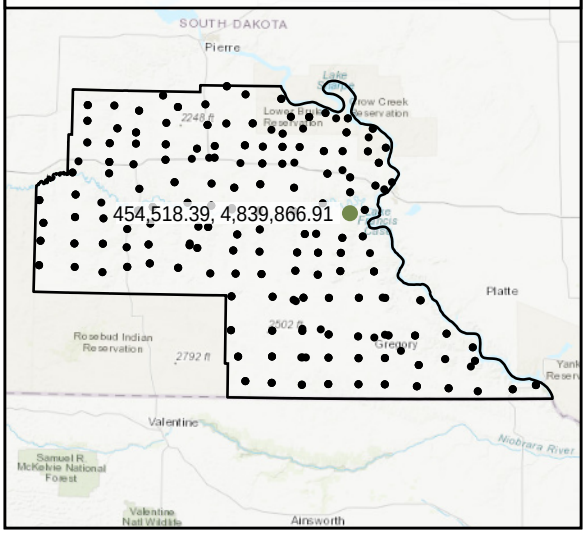


DEM Surface



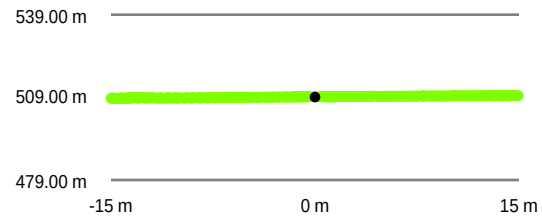
TW068				
	Known Z	509.10 m	Point Density	4.63 ppsm
	DEM Dz	0.12 m	Ground Density	4.63 ppsm
	Raw TIN Dz	N/A	Slope	4.90 °

Project Context

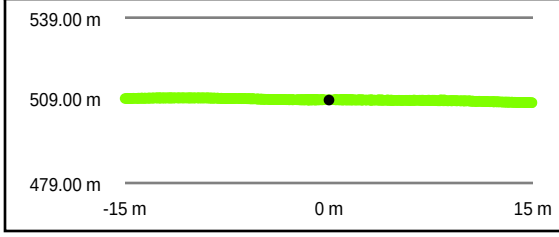


World Imagery

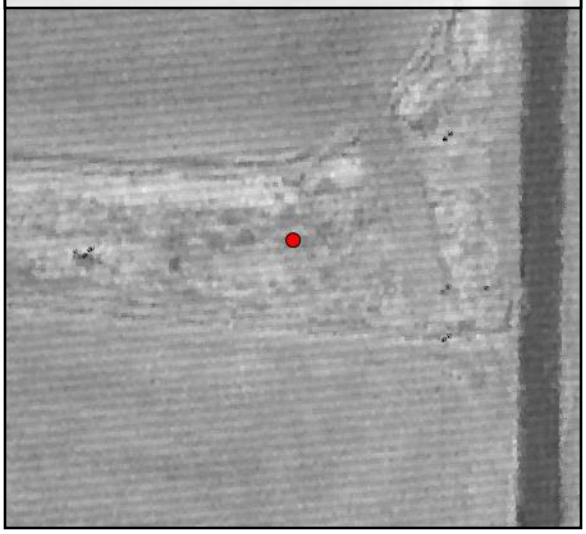
Southeast to Northwest



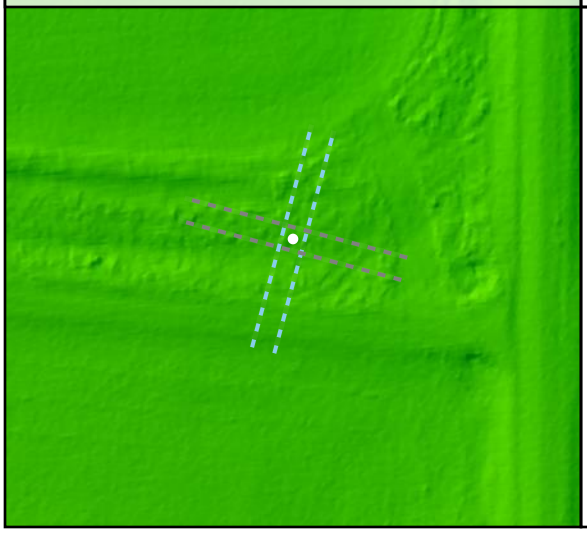
Southwest to Northeast



Intensity Raster

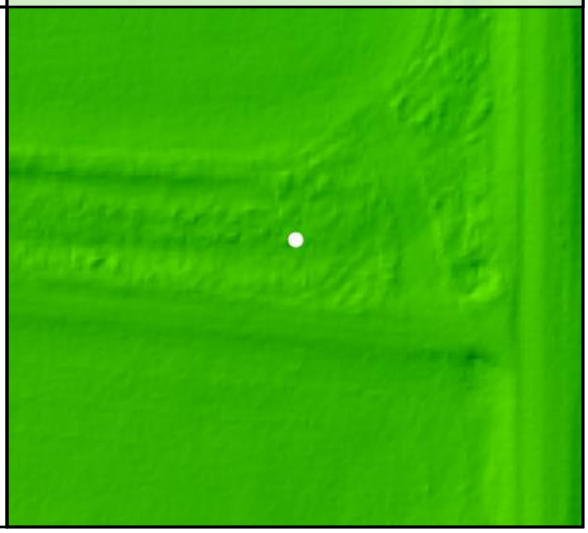


TIN Surface



Project Elevation

DEM Surface



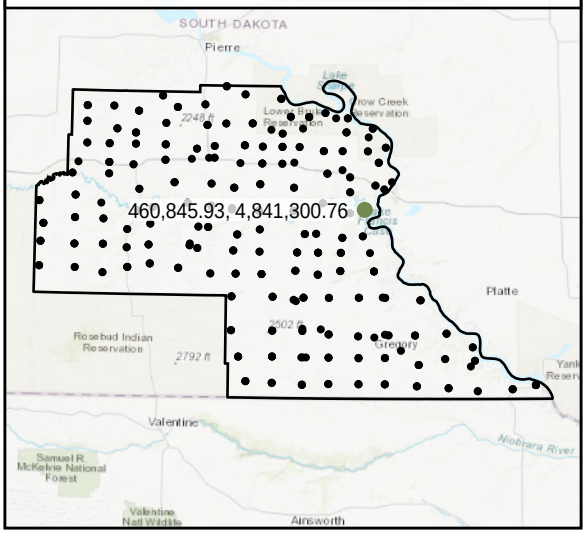
DEM Dz +0.12 m

VVA - TW068

TW069

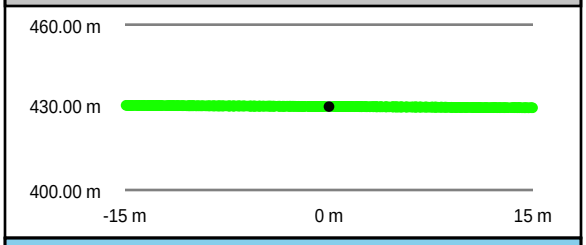
Known Z	430.27 m	Point Density	4.17 ppsm
DEM Dz	0.04 m	Ground Density	4.17 ppsm
Raw TIN Dz	N/A	Slope	1.71 °

Project Context

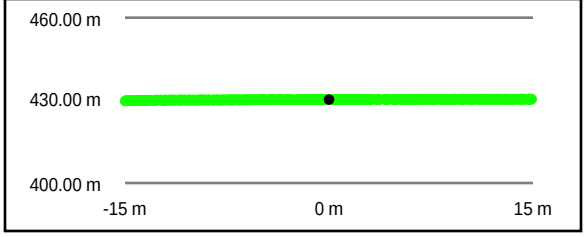


World Imagery

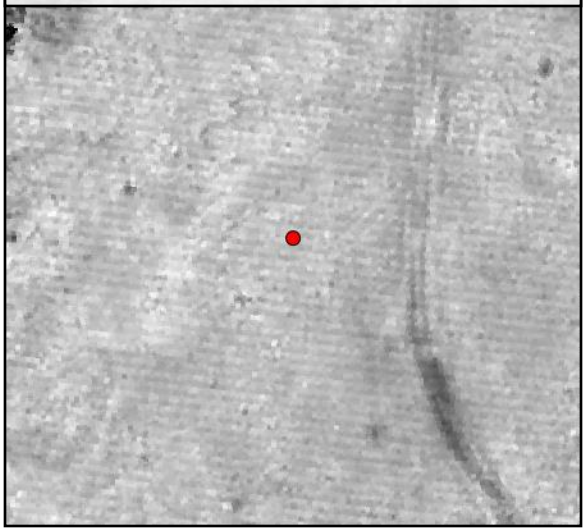
Southwest to Northeast



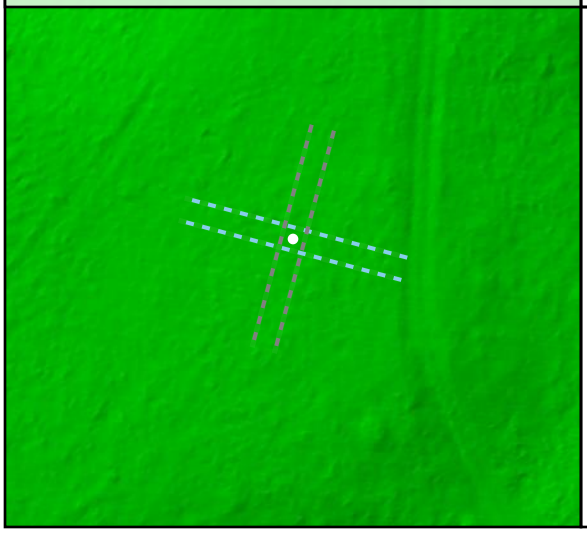
Southeast to Northwest



Intensity Raster

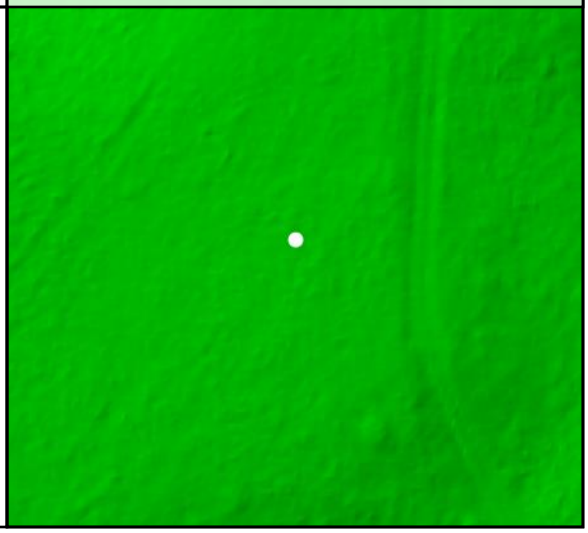


TIN Surface



Project Elevation

DEM Surface



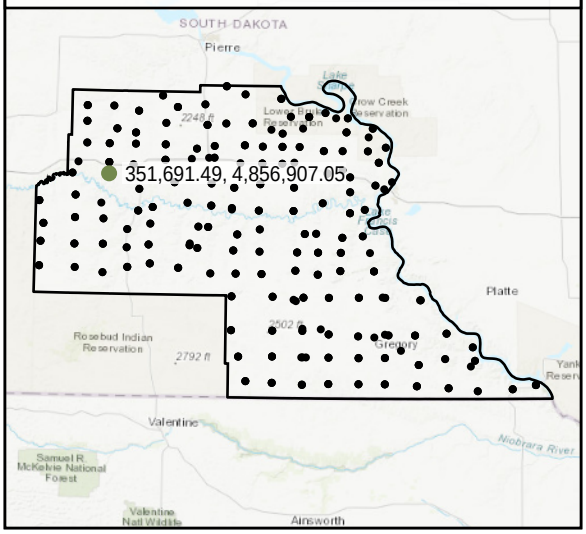
DEM Dz +0.04 m

VVA - TW069

TW070

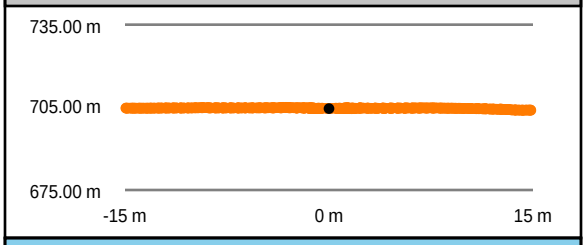
Known Z	704.54 m	Point Density	4.49 ppsm
DEM Dz	0.10 m	Ground Density	4.39 ppsm
Raw TIN Dz	N/A	Slope	7.53 °

Project Context

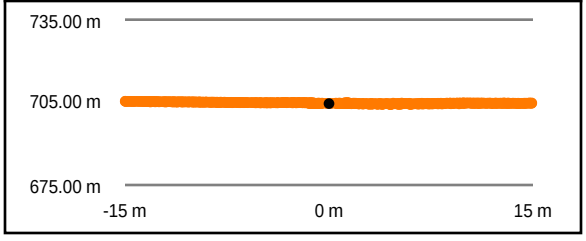


World Imagery

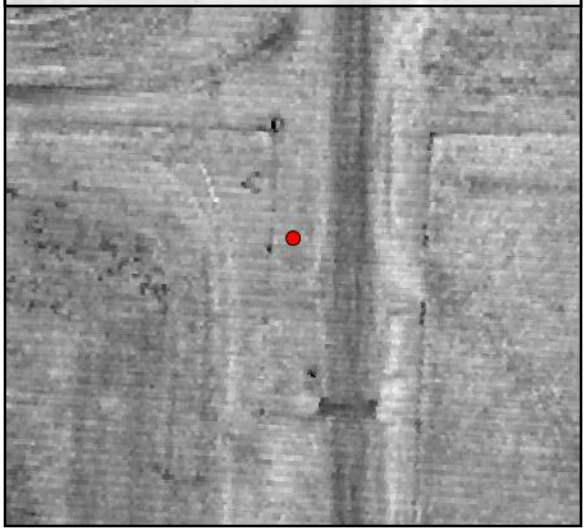
Southwest to Northeast



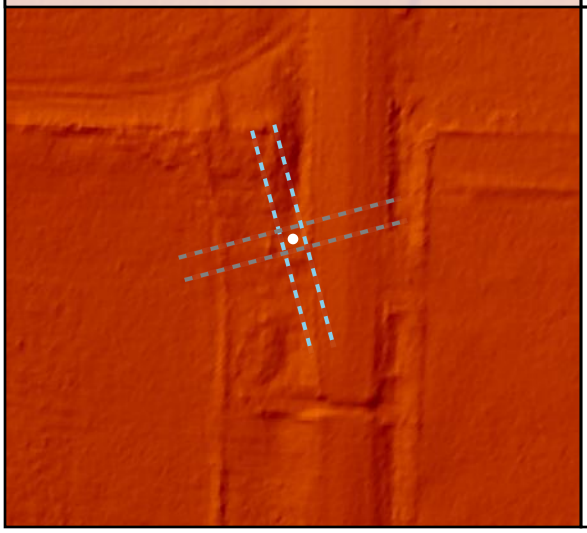
Southeast to Northwest



Intensity Raster

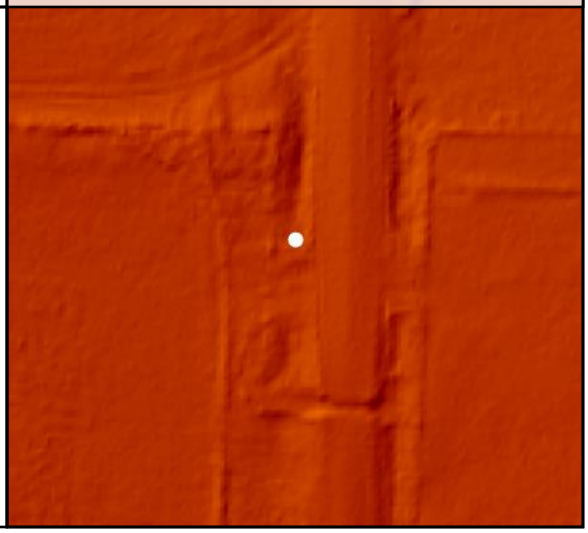


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.10 m

VVA - TW070

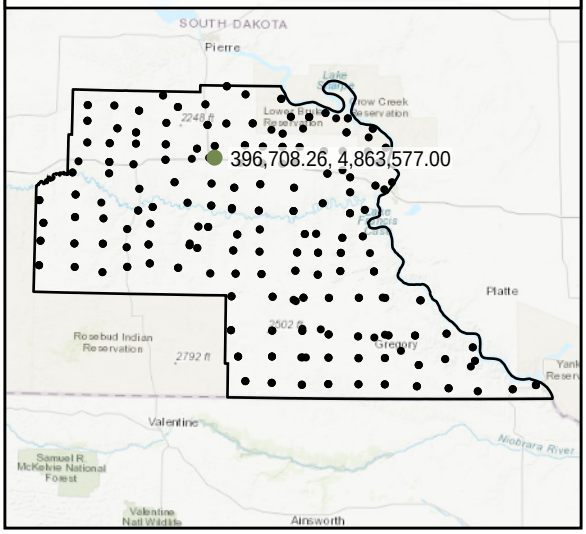
TW071

Known Z	579.07 m	Point Density	4.95 ppsm
DEM Dz	0.12 m	Ground Density	4.88 ppsm
Raw TIN Dz	N/A	Slope	6.52 °

DEM Dz +0.12 m

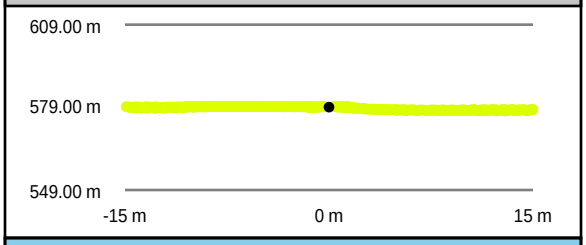
VVA - TW071

Project Context

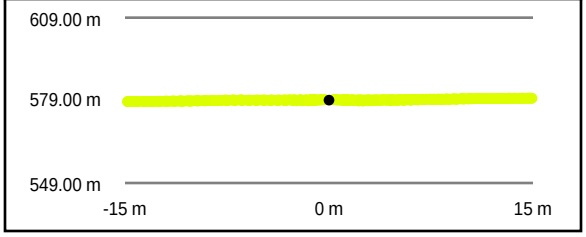


World Imagery

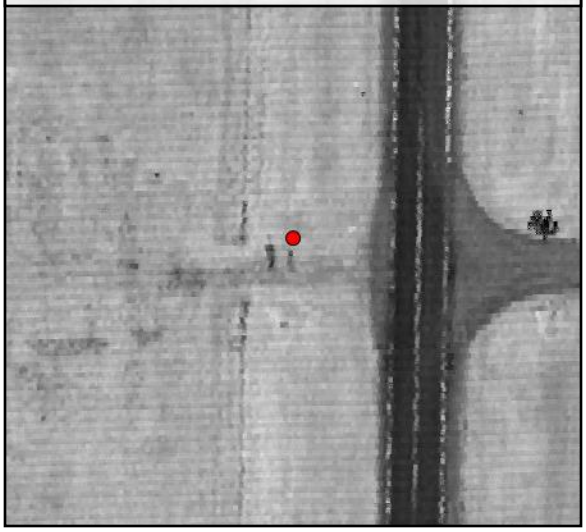
Southeast to Northwest



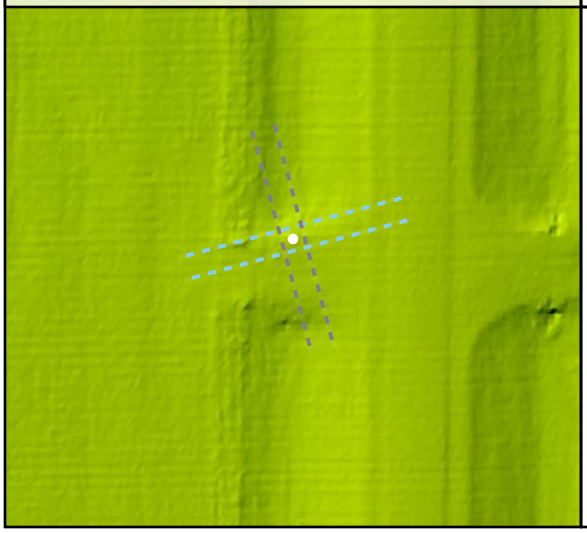
Southwest to Northeast



Intensity Raster

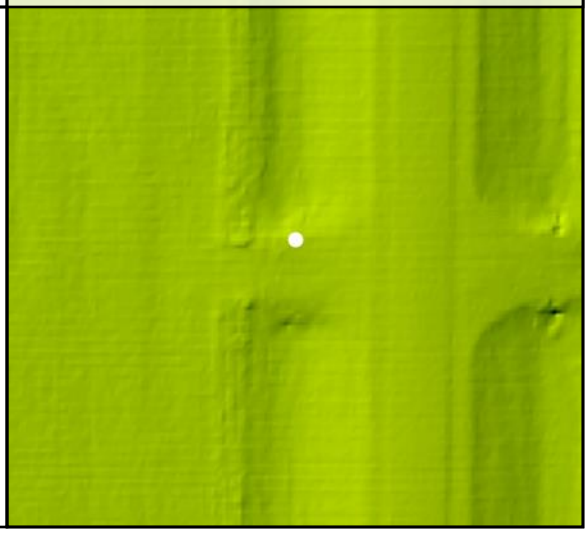


TIN Surface



Project Elevation

DEM Surface



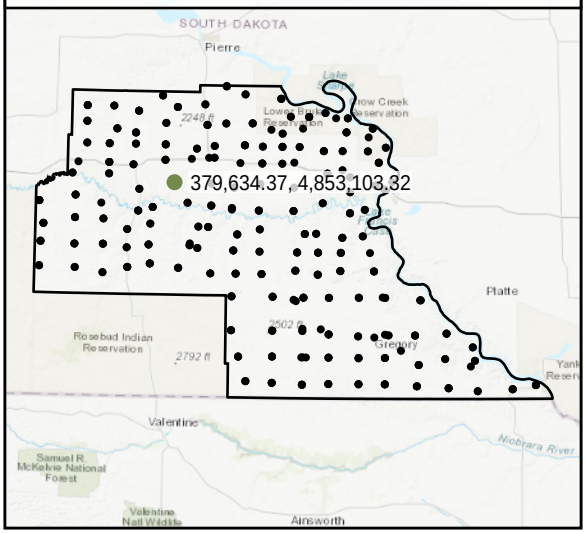
TW072

Known Z	618.25 m	Point Density	5.55 ppsm
DEM Dz	0.04 m	Ground Density	5.55 ppsm
Raw TIN Dz	N/A	Slope	4.33 °

DEM Dz +0.04 m

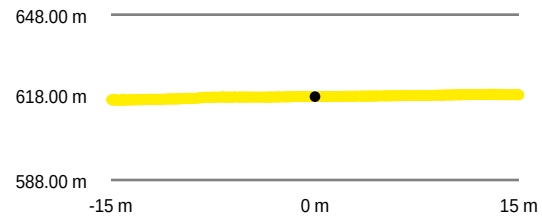
VVA - TW072

Project Context

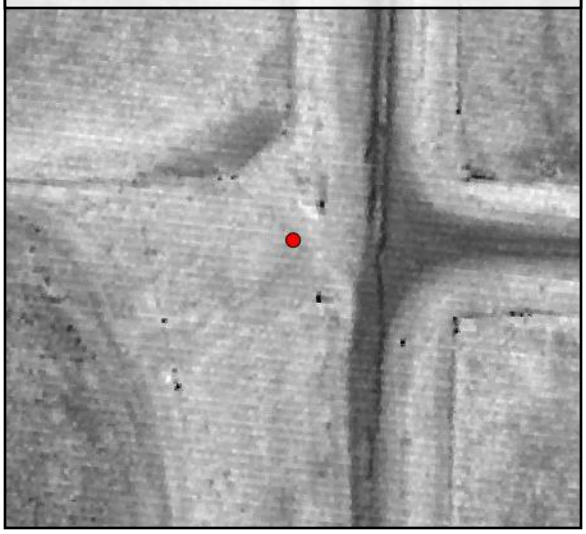


World Imagery

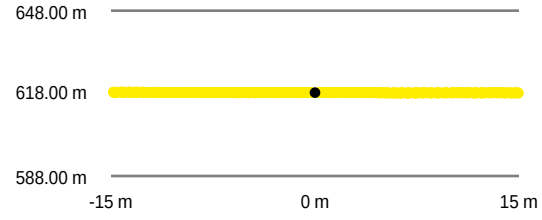
Southeast to Northwest



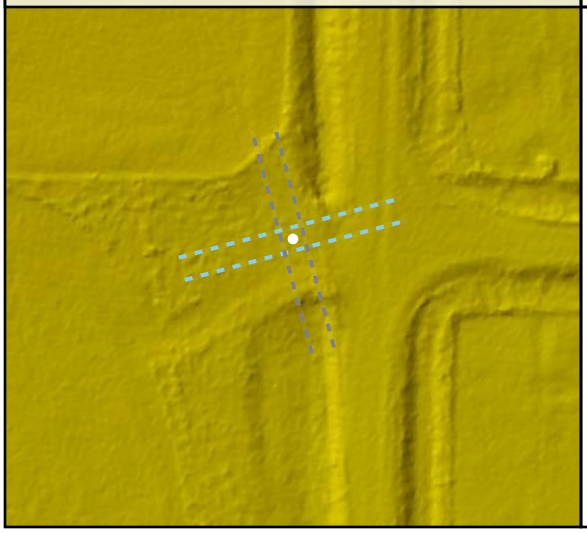
Intensity Raster



Southwest to Northeast



TIN Surface

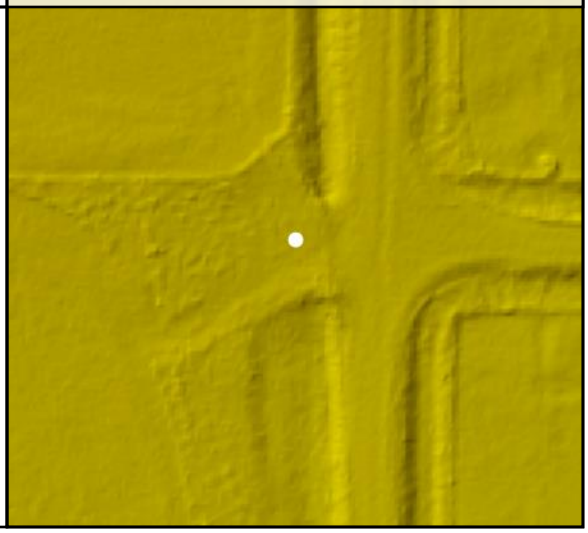


Project Elevation

795.78

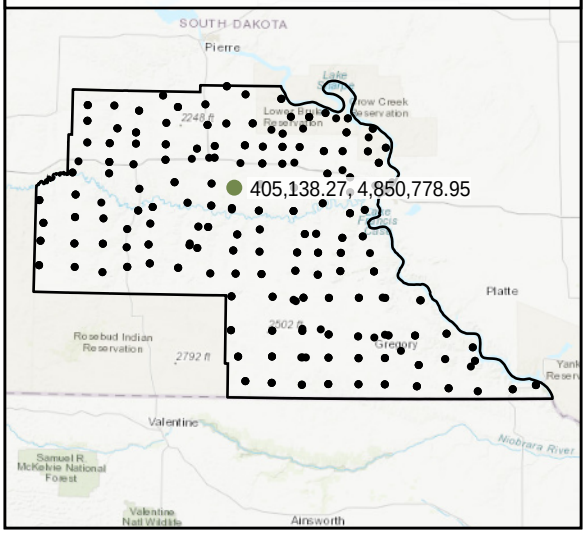
413.64

DEM Surface



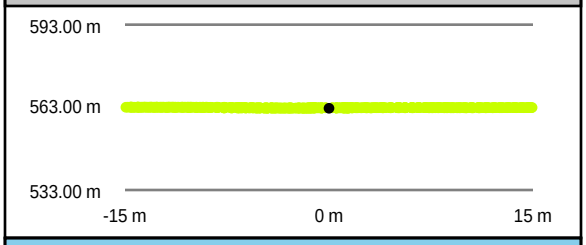
TW073				
	Known Z	562.66 m	Point Density	4.46 ppsm
	DEM Dz	0.16 m	Ground Density	4.46 ppsm
	Raw TIN Dz	N/A	Slope	3.39 °

Project Context

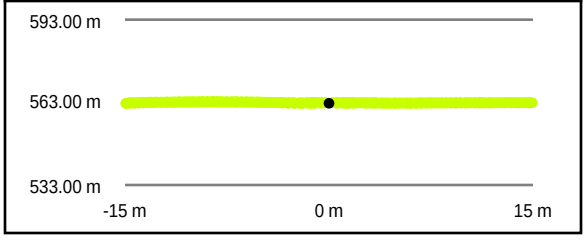


World Imagery

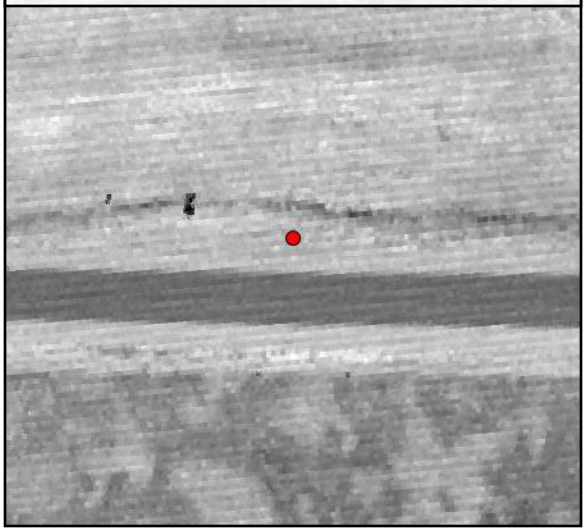
Southeast to Northwest



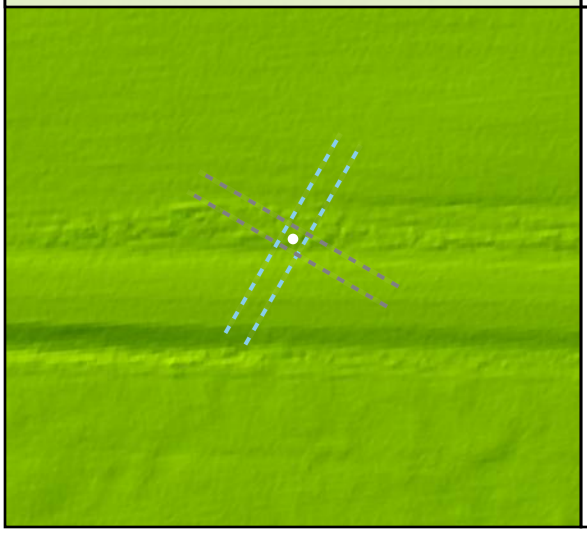
Southwest to Northeast



Intensity Raster

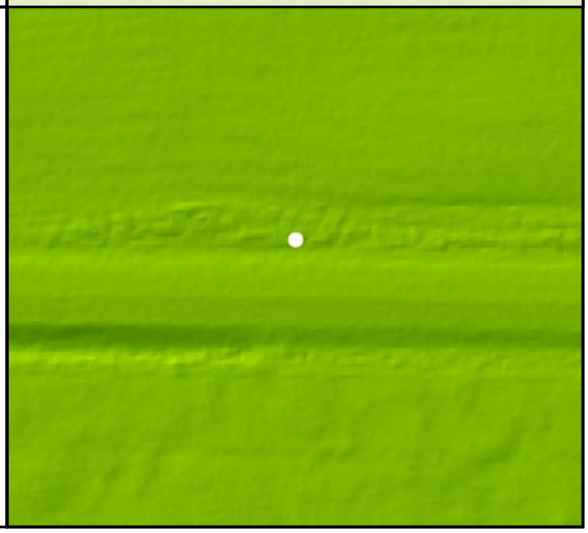


TIN Surface



Project Elevation

DEM Surface



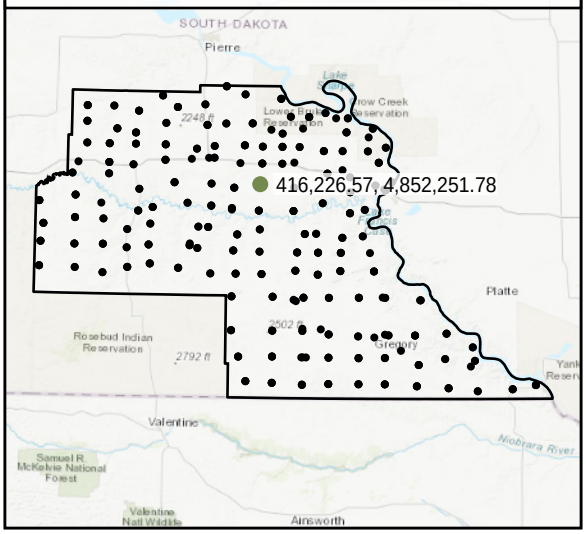
TW074

Known Z	568.28 m	Point Density	4.85 ppsm
DEM Dz	0.13 m	Ground Density	4.85 ppsm
Raw TIN Dz	N/A	Slope	2.27 °

DEM Dz +0.13 m

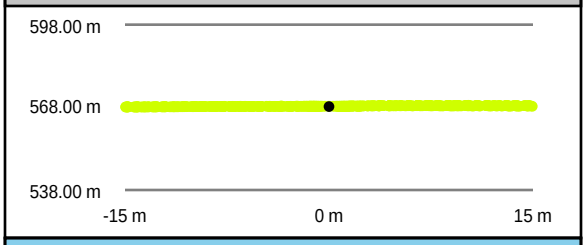
VVA - TW074

Project Context

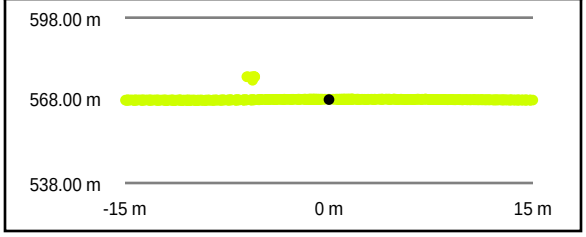


World Imagery

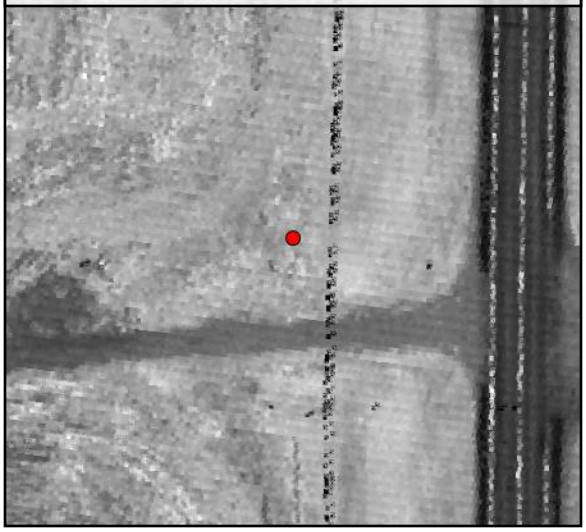
Southwest to Northeast



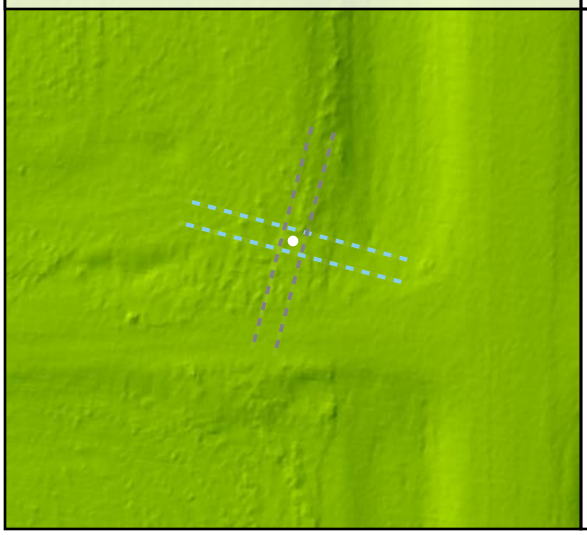
Southeast to Northwest



Intensity Raster

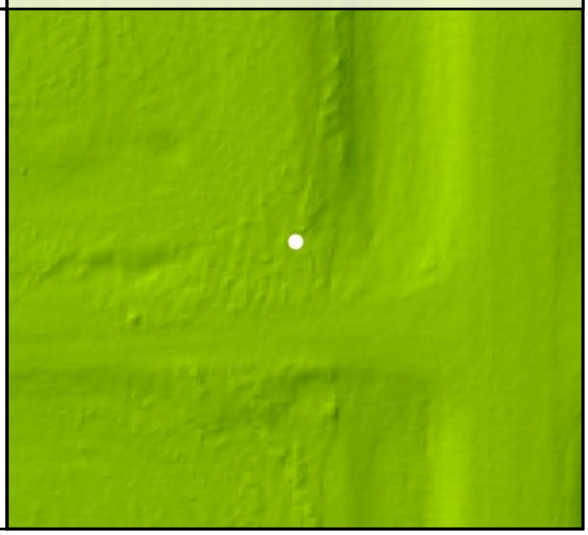


TIN Surface



Project Elevation

DEM Surface



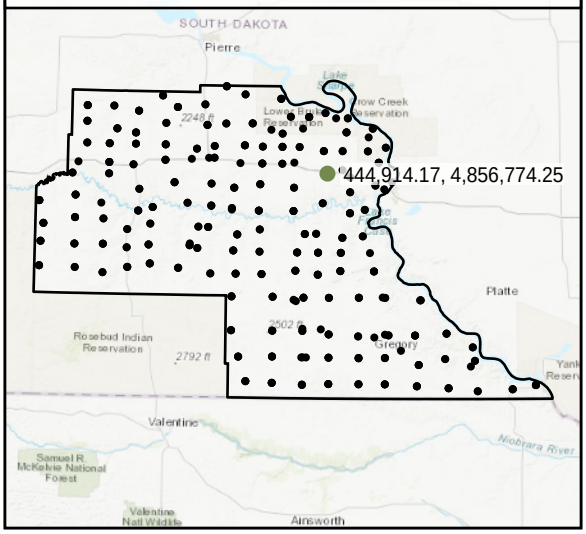
TW075

Known Z	544.81 m	Point Density	4.53 ppsm
DEM Dz	0.08 m	Ground Density	4.53 ppsm
Raw TIN Dz	N/A	Slope	0.27 °

DEM Dz +0.08 m

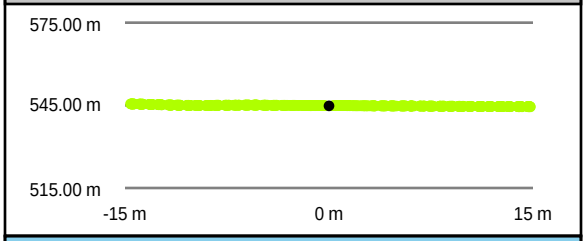
VVA - TW075

Project Context

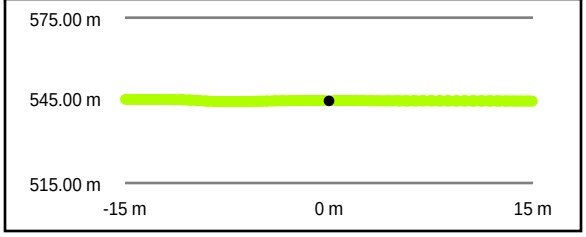


World Imagery

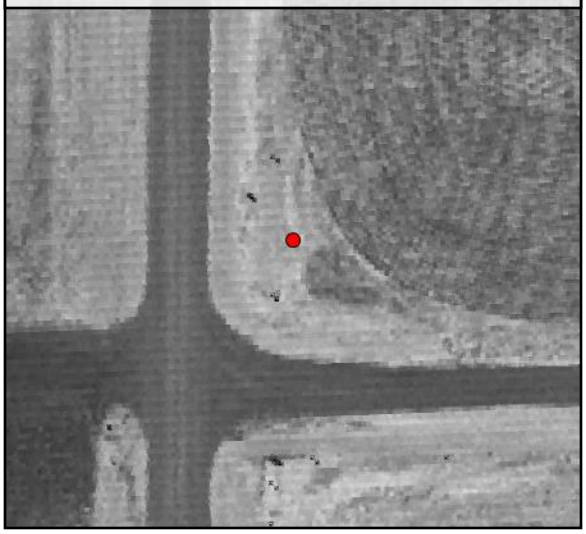
South to North



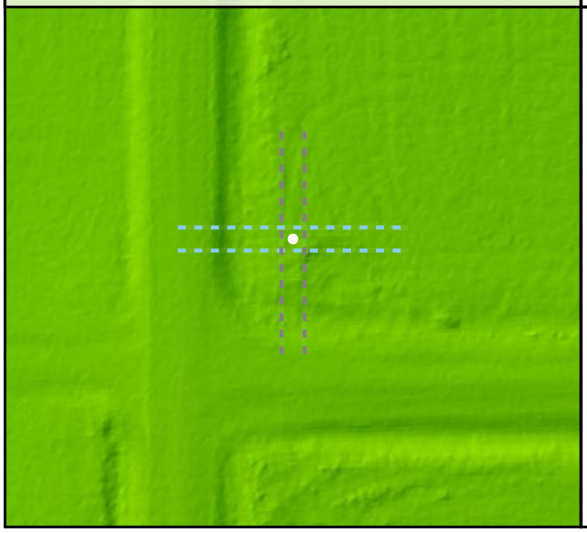
West to East



Intensity Raster

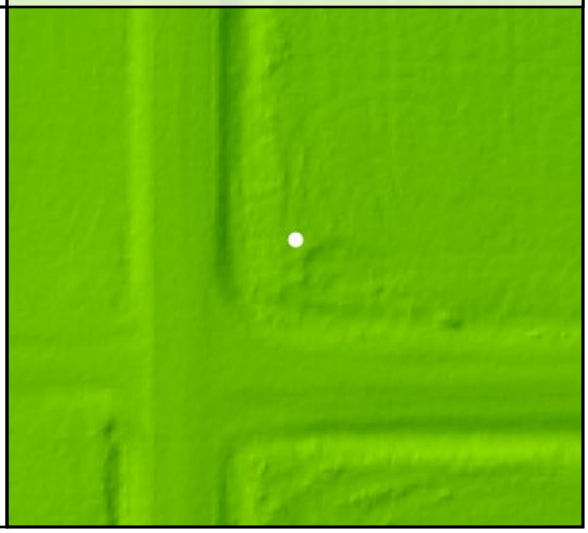


TIN Surface



Project Elevation

DEM Surface



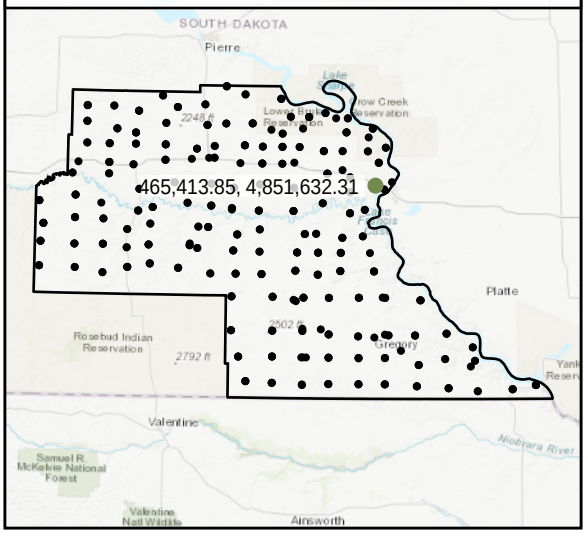
TW076

Known Z	428.55 m	Point Density	5.16 ppsm
DEM Dz	0.11 m	Ground Density	5.06 ppsm
Raw TIN Dz	N/A	Slope	10.54 °

DEM Dz +0.11 m

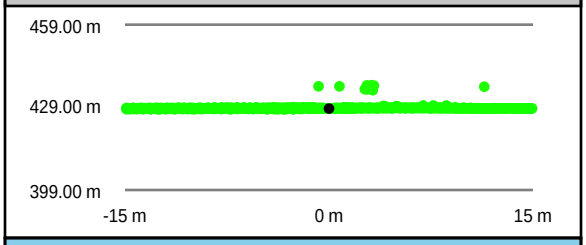
VVA - TW076

Project Context

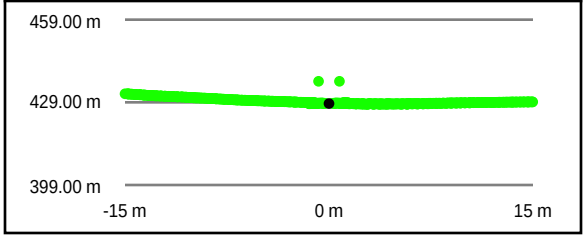


World Imagery

Southeast to Northwest

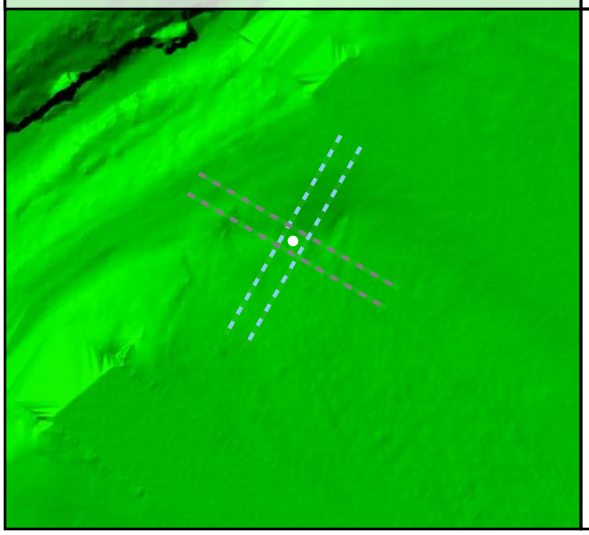


Southwest to Northeast



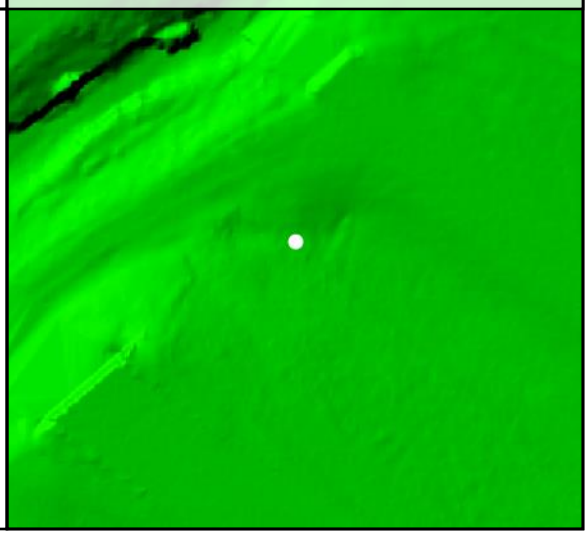
Intensity Raster

TIN Surface



Project Elevation

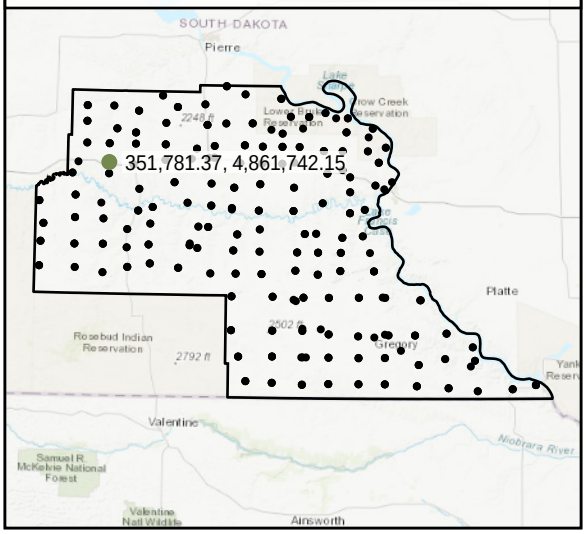
DEM Surface



TW077

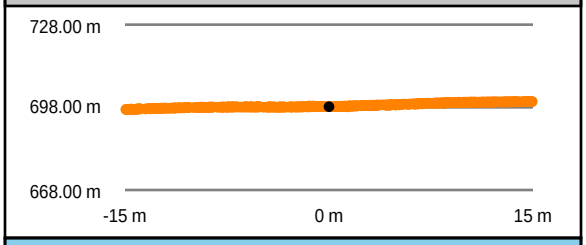
Known Z	698.23 m	Point Density	4.28 ppsm
DEM Dz	0.07 m	Ground Density	4.28 ppsm
Raw TIN Dz	N/A	Slope	5.49 °

Project Context

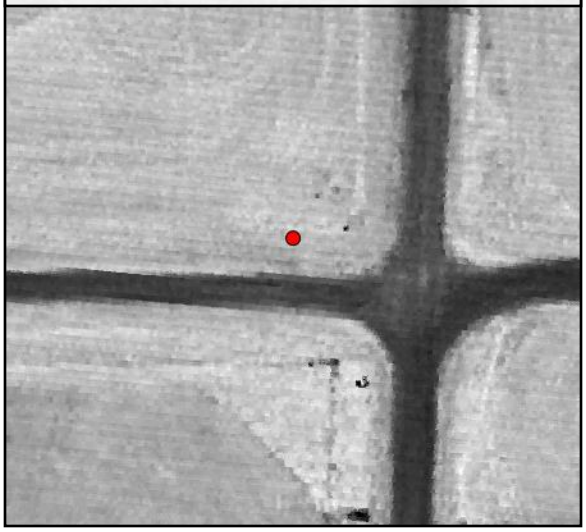


World Imagery

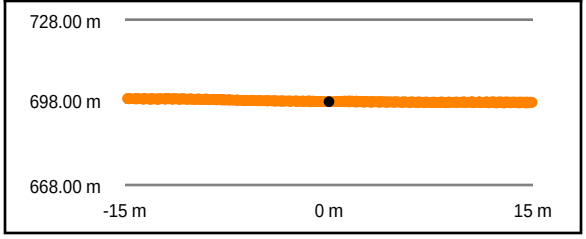
Southwest to Northeast



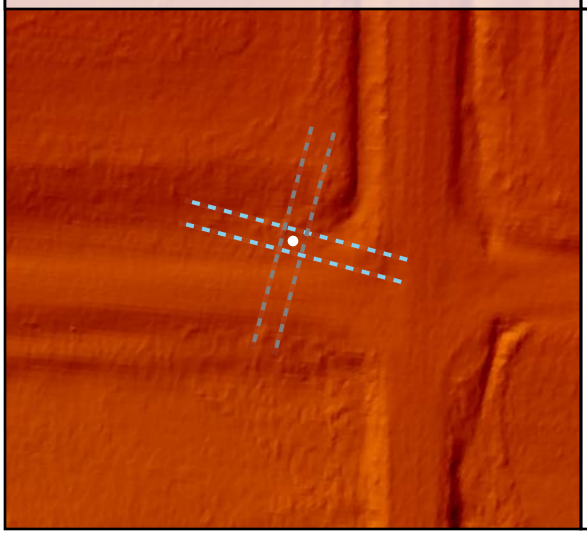
Intensity Raster



Southeast to Northwest



TIN Surface

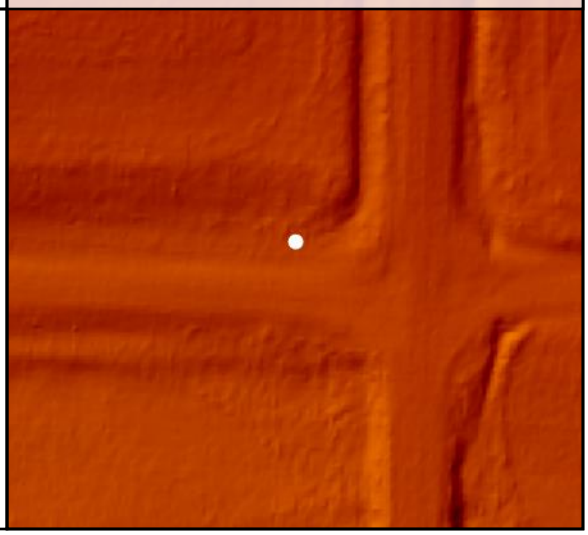


Project Elevation

795.78

413.64

DEM Surface



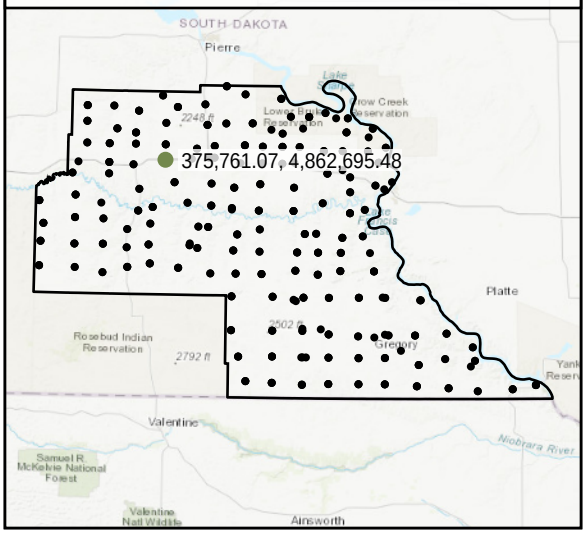
DEM Dz +0.07 m

VVA - TW077

TW078

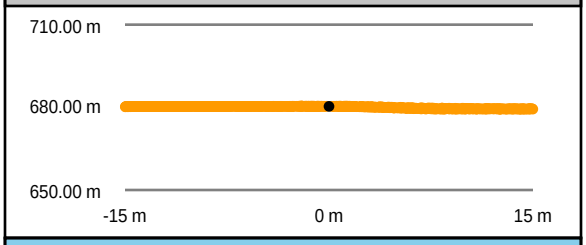
Known Z	680.34 m	Point Density	5.45 ppsm
DEM Dz	0.03 m	Ground Density	5.45 ppsm
Raw TIN Dz	N/A	Slope	3.24 °

Project Context

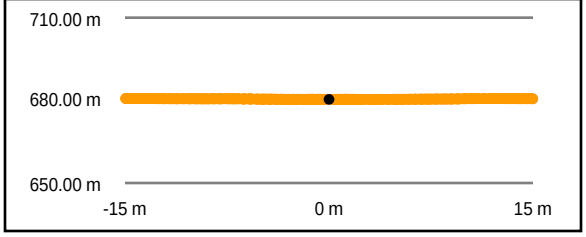


World Imagery

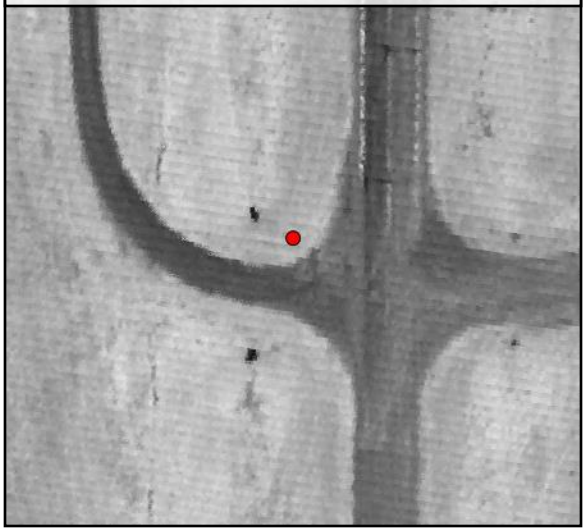
Southeast to Northwest



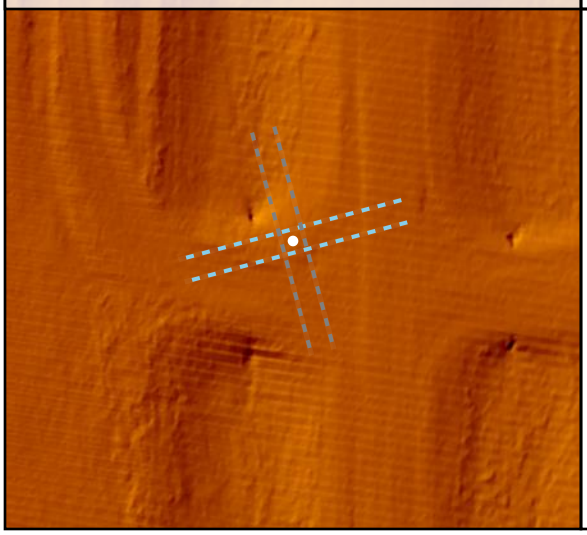
Southwest to Northeast



Intensity Raster

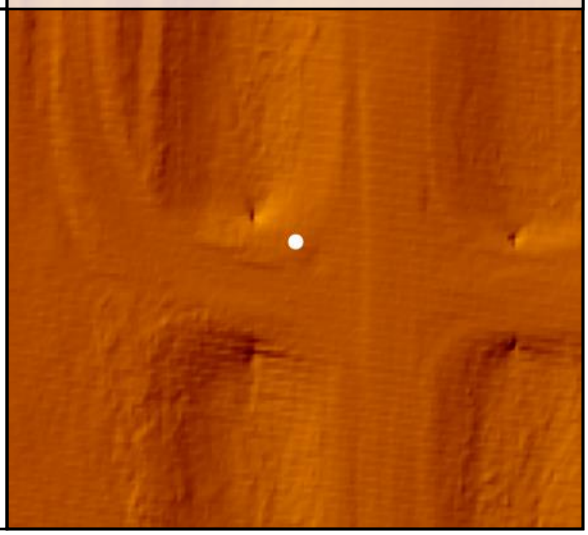


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

VVA - TW078

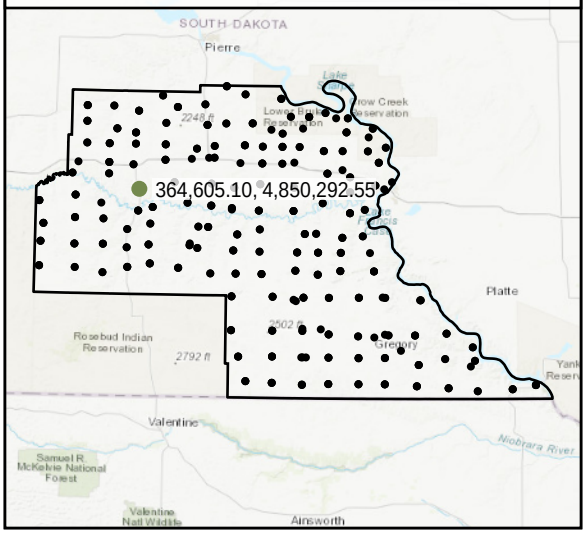
TW079

Known Z	653.98 m	Point Density	5.02 ppsm
DEM Dz	0.05 m	Ground Density	5.02 ppsm
Raw TIN Dz	N/A	Slope	2.53 °

DEM Dz +0.05 m

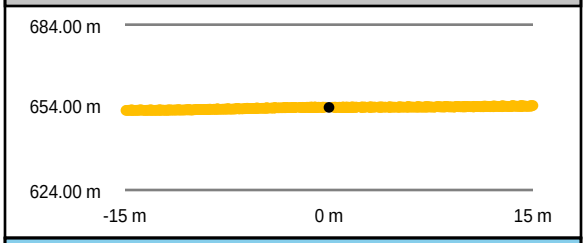
VVA - TW079

Project Context

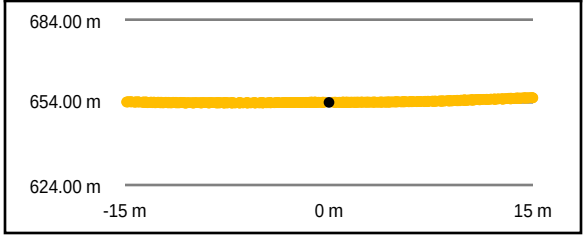


World Imagery

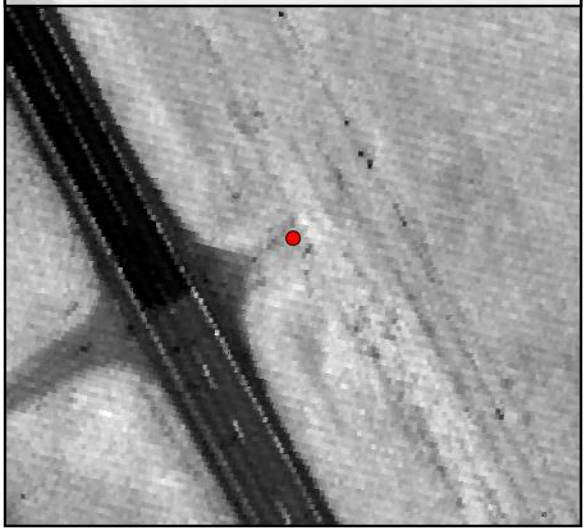
South to North



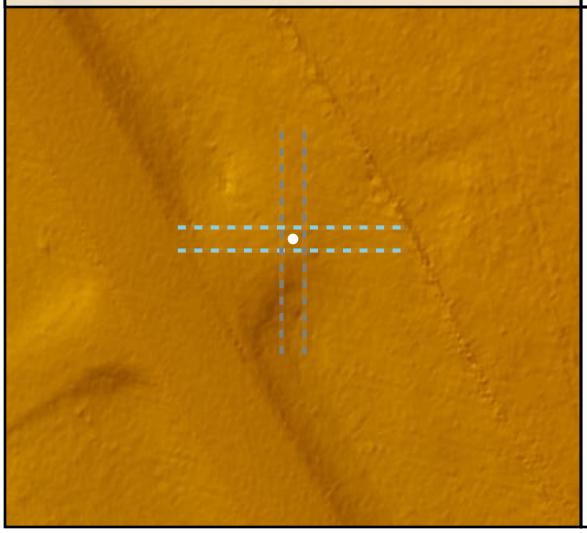
West to East



Intensity Raster

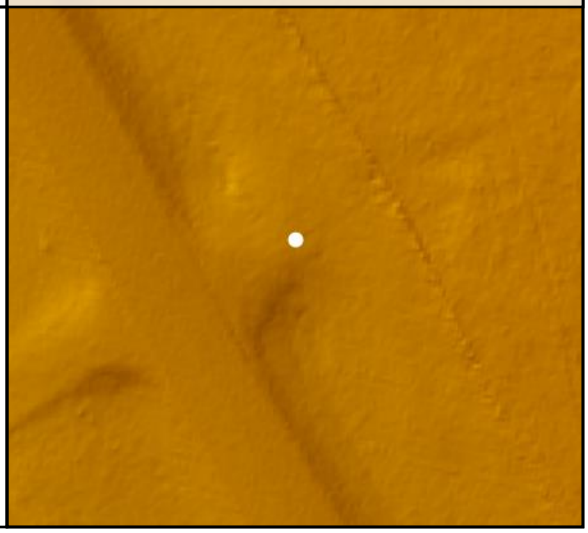


TIN Surface



Project Elevation

DEM Surface



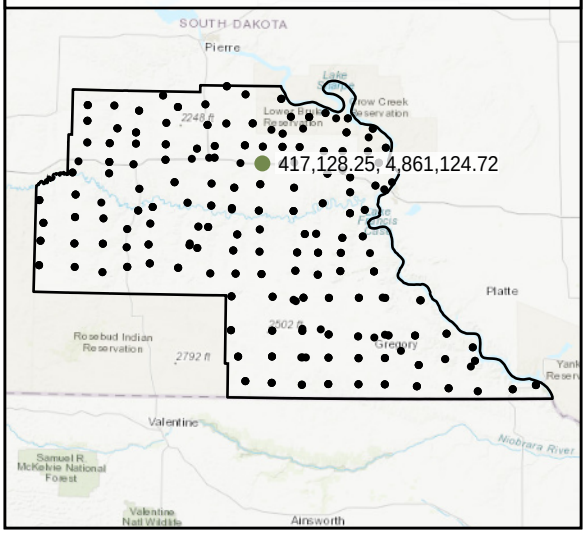
TW080

Known Z	549.90 m	Point Density	4.49 ppsm
DEM Dz	0.12 m	Ground Density	4.49 ppsm
Raw TIN Dz	N/A	Slope	4.55 °

DEM Dz +0.12 m

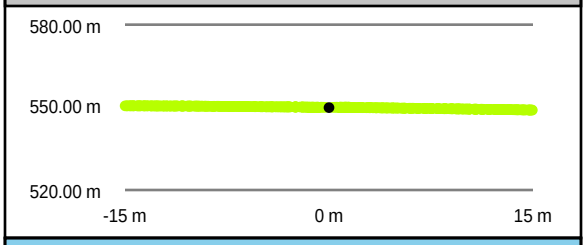
VVA - TW080

Project Context

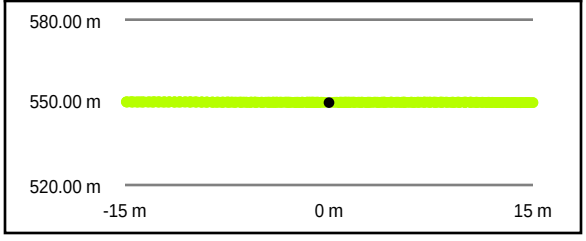


World Imagery

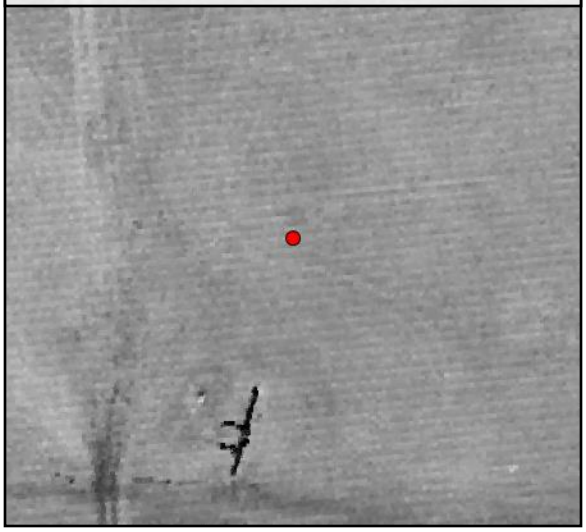
Southwest to Northeast



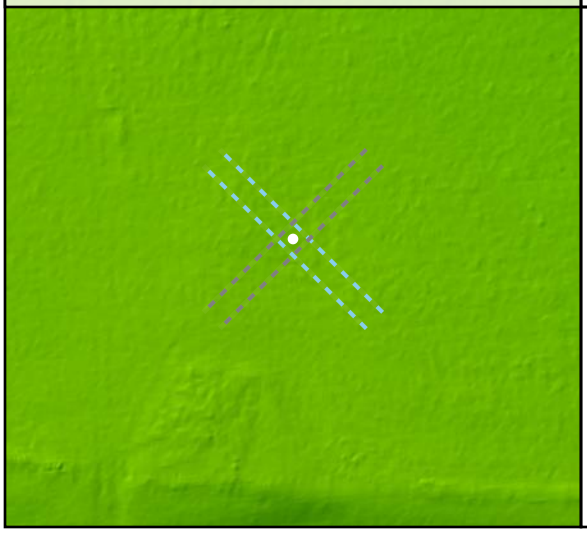
Southeast to Northwest



Intensity Raster

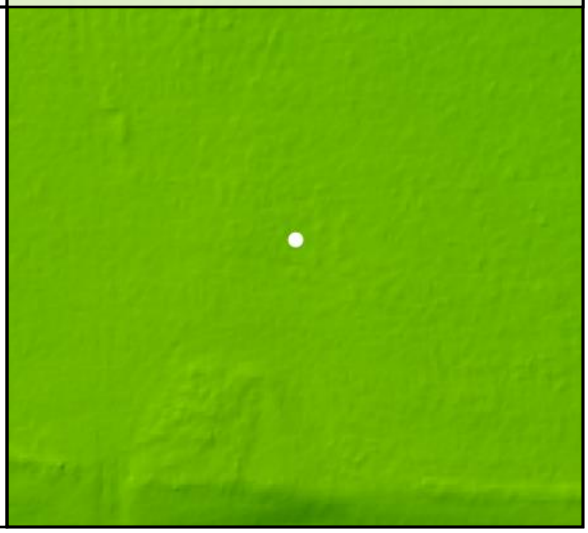


TIN Surface



Project Elevation

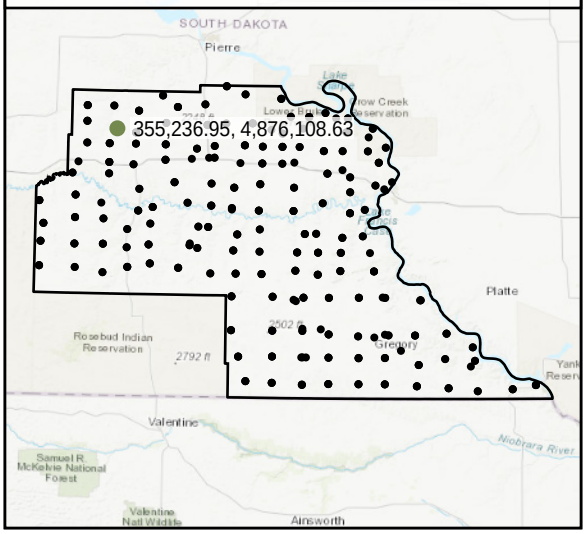
DEM Surface



TW081

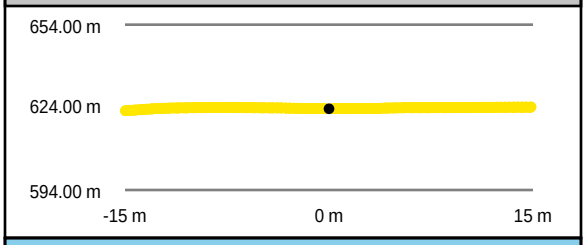
Known Z	623.48 m	Point Density	4.35 ppsm
DEM Dz	0.07 m	Ground Density	4.35 ppsm
Raw TIN Dz	N/A	Slope	3.18 °

Project Context

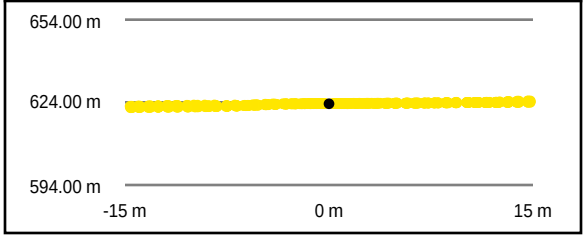


World Imagery

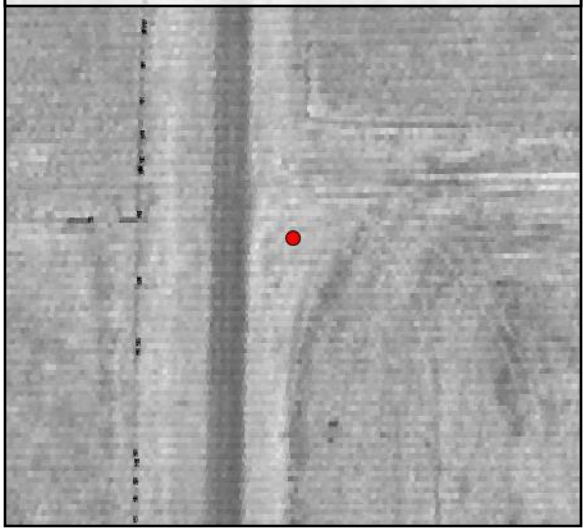
West to East



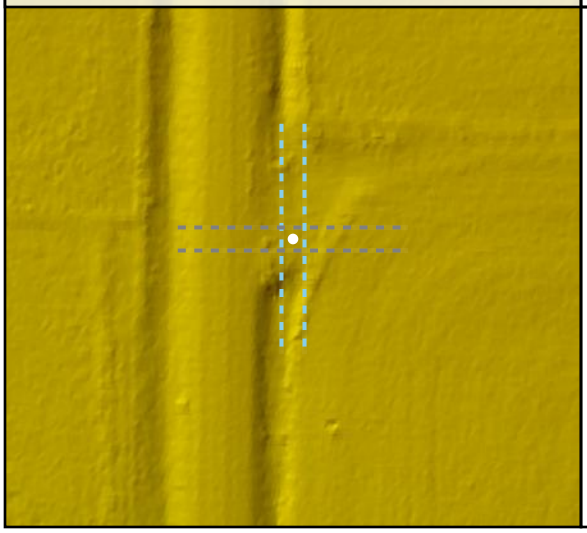
South to North



Intensity Raster

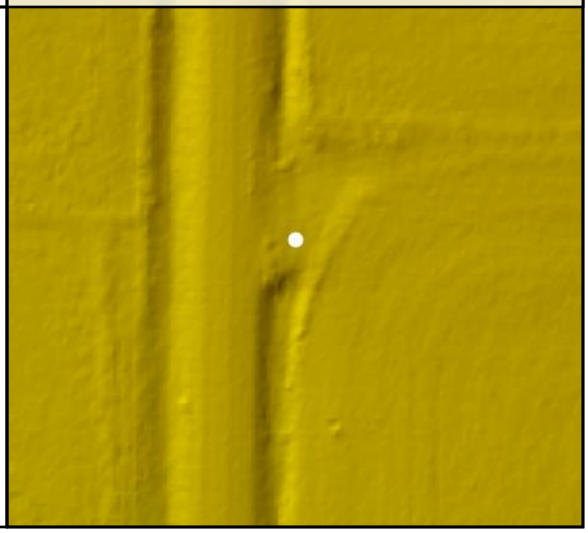


TIN Surface



Project Elevation

DEM Surface



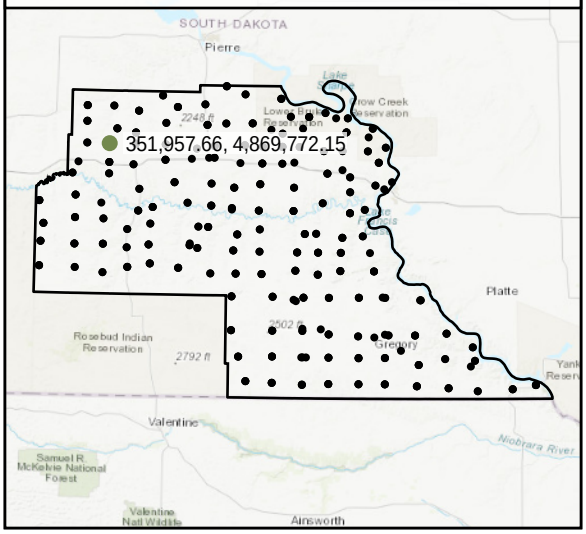
DEM Dz +0.07 m

VVA - TW081

TW082

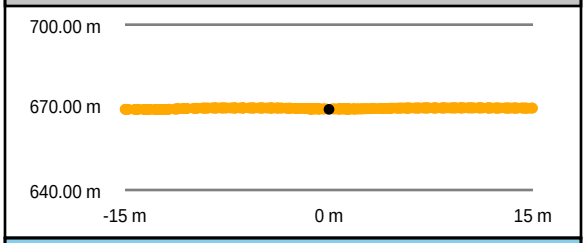
Known Z	669.26 m	Point Density	4.60 ppsm
DEM Dz	0.17 m	Ground Density	4.60 ppsm
Raw TIN Dz	N/A	Slope	7.41 °

Project Context

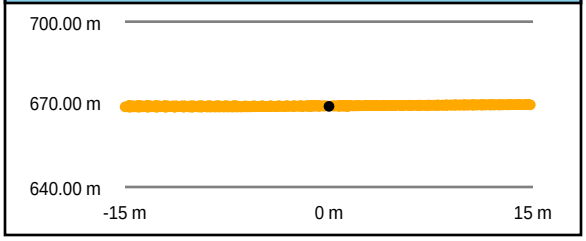


World Imagery

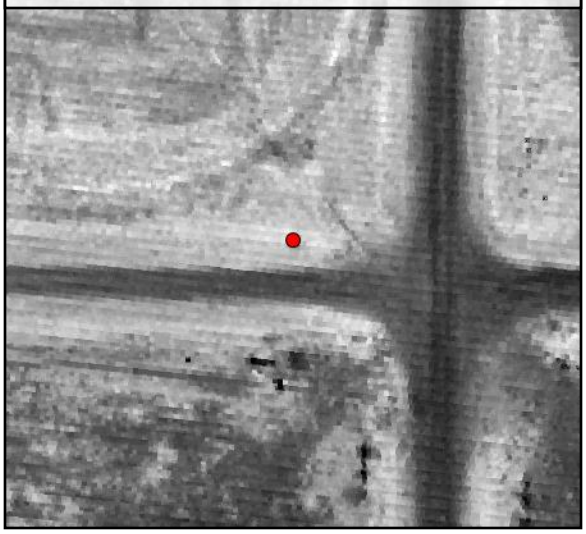
South to North



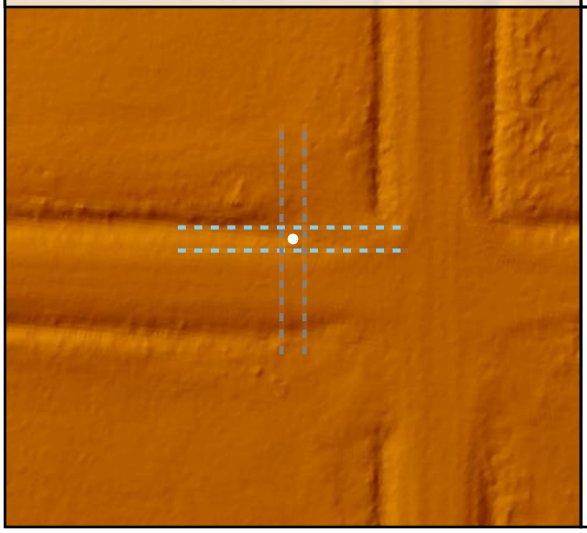
West to East



Intensity Raster

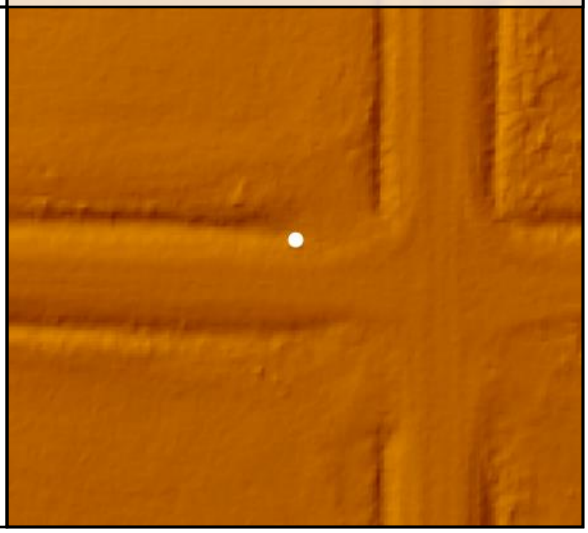


TIN Surface



Project Elevation

DEM Surface



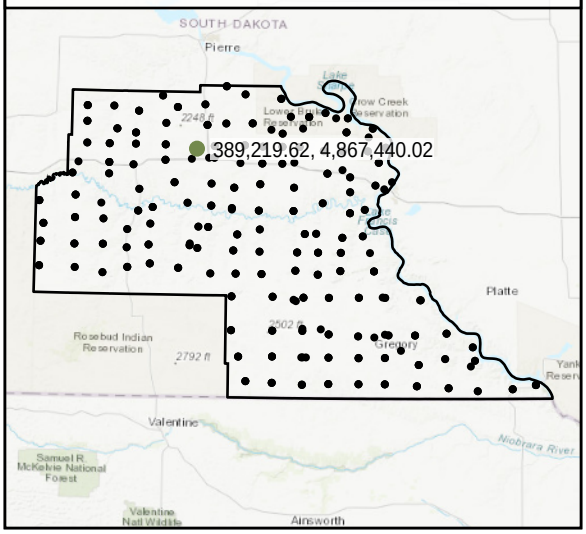
DEM Dz +0.17 m

VVA - TW082

TW083

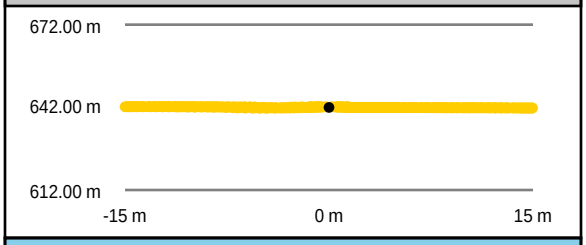
Known Z	641.96 m	Point Density	4.56 ppsm
DEM Dz	0.19 m	Ground Density	4.56 ppsm
Raw TIN Dz	N/A	Slope	2.39 °

Project Context

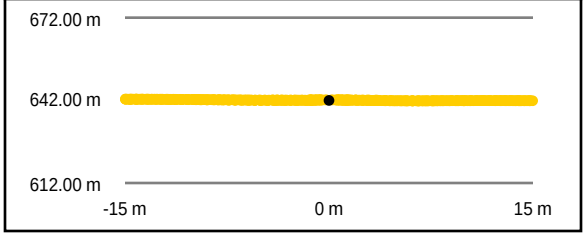


World Imagery

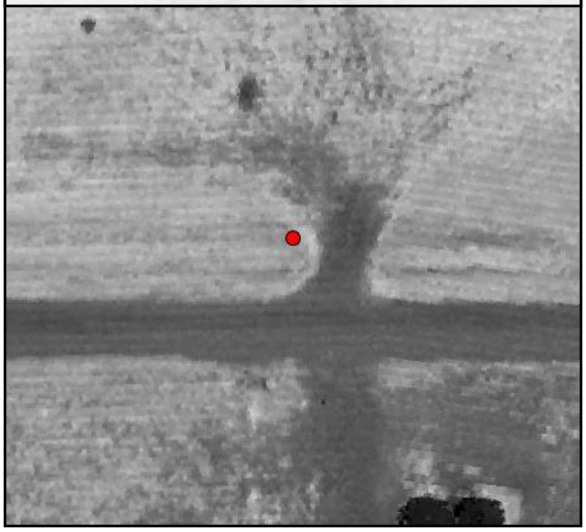
Southwest to Northeast



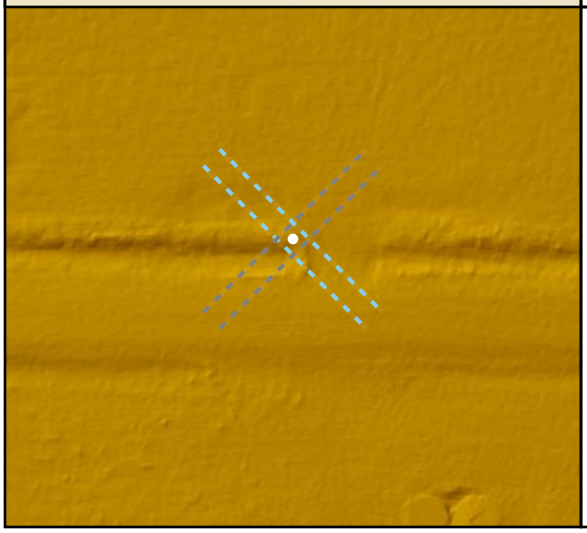
Southeast to Northwest



Intensity Raster

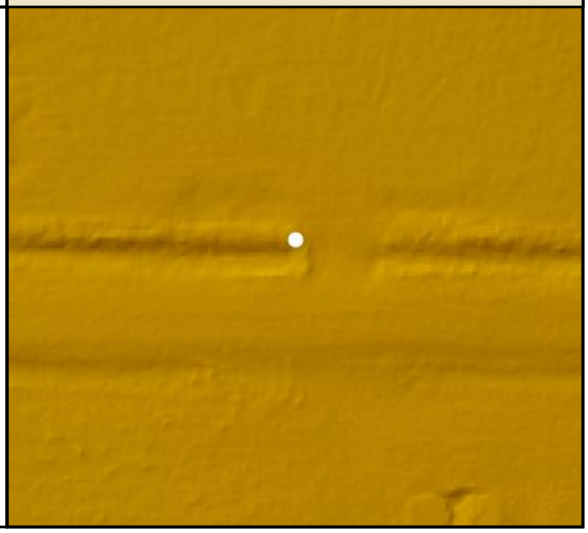


TIN Surface



Project Elevation

DEM Surface



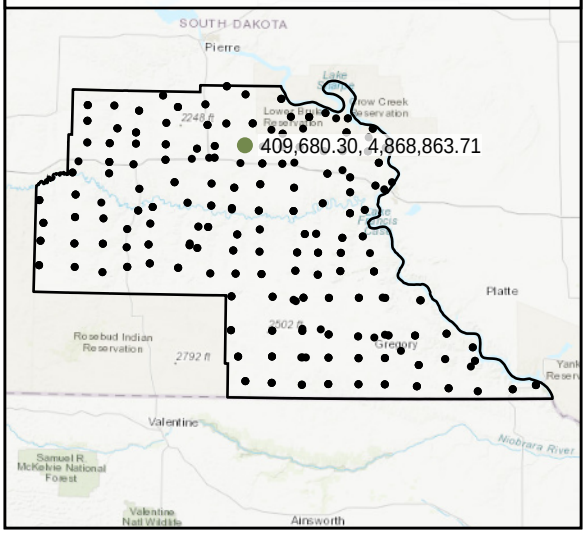
DEM Dz +0.19 m

VVA - TW083

TW084

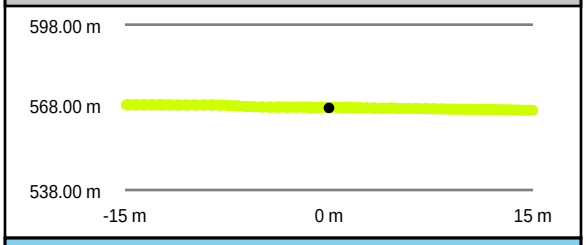
Known Z	567.80 m	Point Density	3.32 ppsm
DEM Dz	0.17 m	Ground Density	3.32 ppsm
Raw TIN Dz	N/A	Slope	5.64 °

Project Context

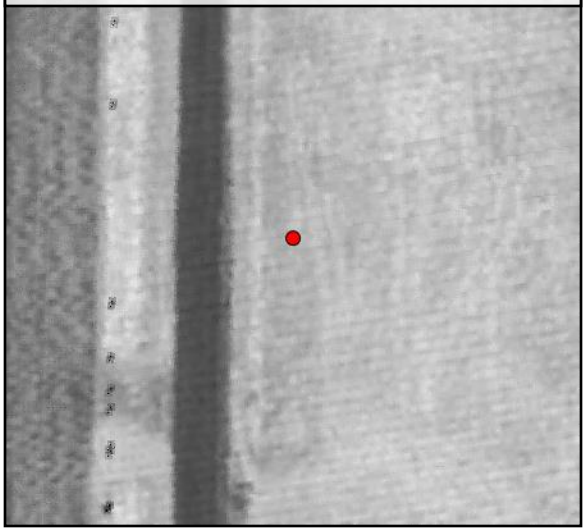


World Imagery

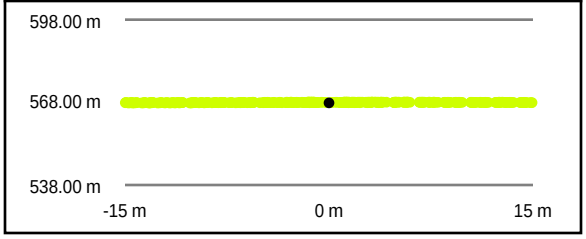
Southwest to Northeast



Intensity Raster



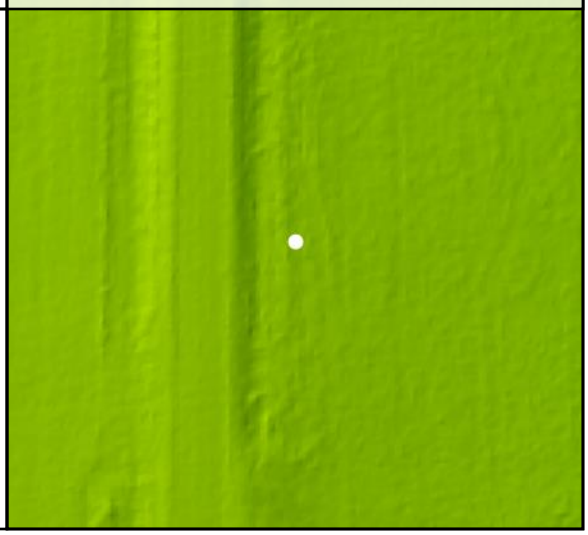
Southeast to Northwest



TIN Surface

Project Elevation

DEM Surface



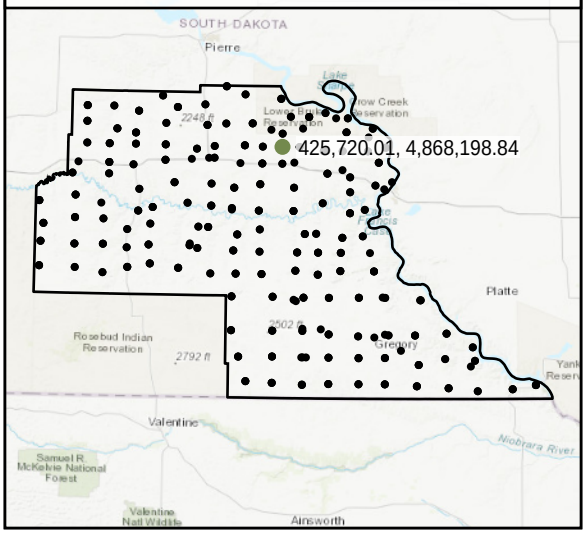
DEM Dz +0.17 m

VVA - TW084

TW085

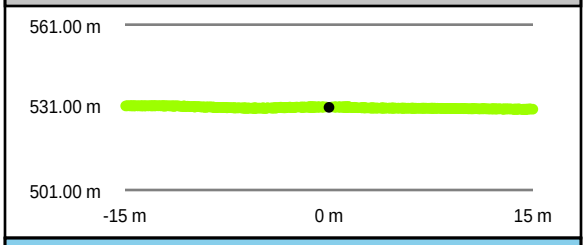
Known Z	530.99 m	Point Density	4.35 ppsm
DEM Dz	0.13 m	Ground Density	4.35 ppsm
Raw TIN Dz	N/A	Slope	2.81 °

Project Context

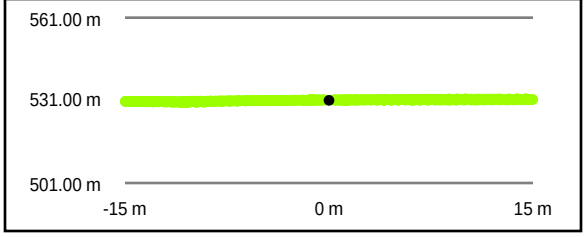


World Imagery

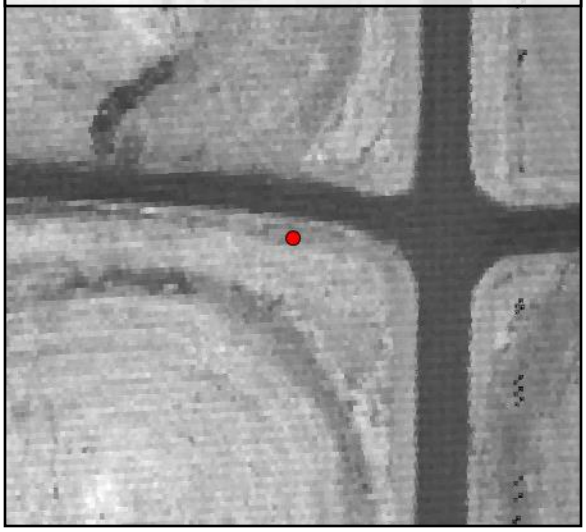
Southwest to Northeast



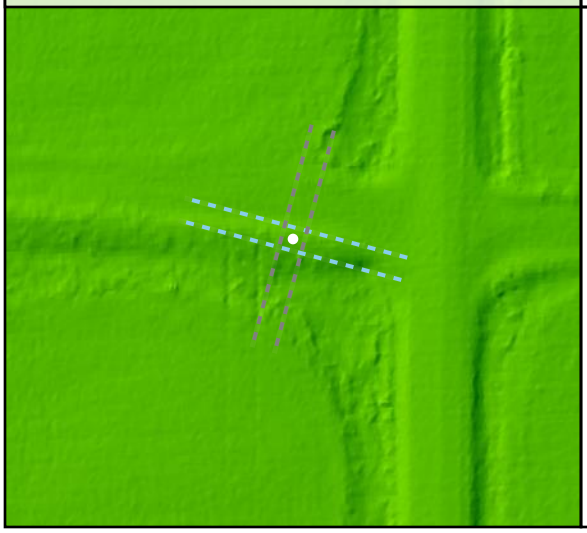
Southeast to Northwest



Intensity Raster

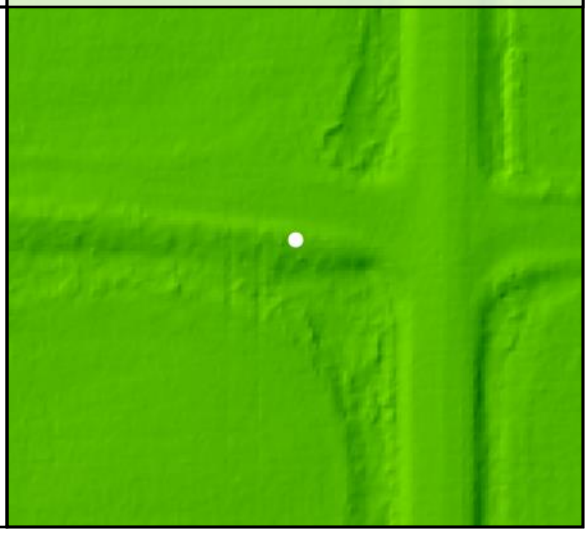


TIN Surface



Project Elevation

DEM Surface



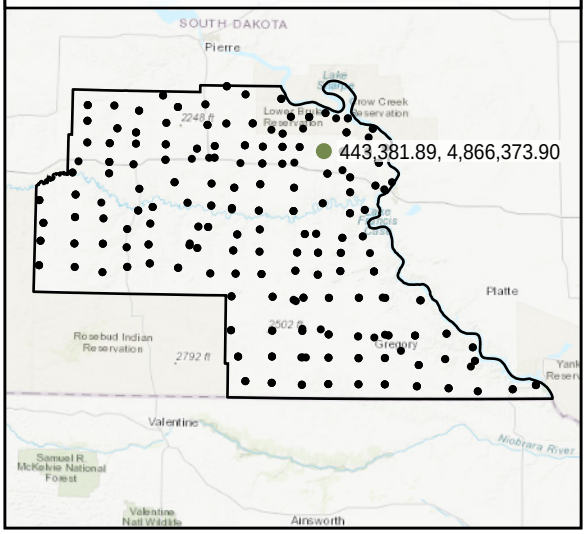
DEM Dz +0.13 m

VVA - TW085

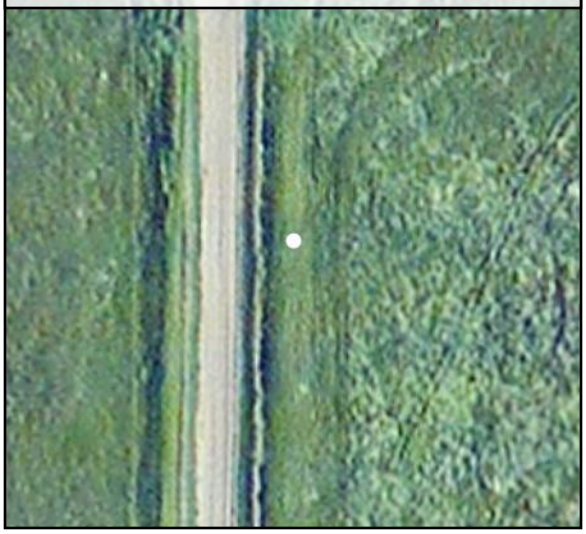
TW086

Known Z	527.10 m	Point Density	3.68 ppsm
DEM Dz	0.09 m	Ground Density	3.68 ppsm
Raw TIN Dz	N/A	Slope	5.13 °

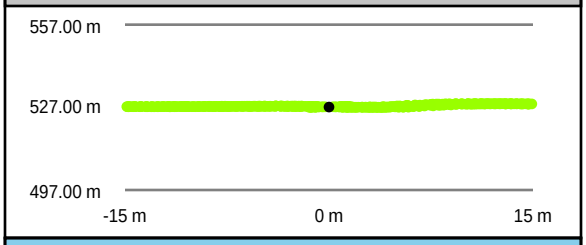
Project Context



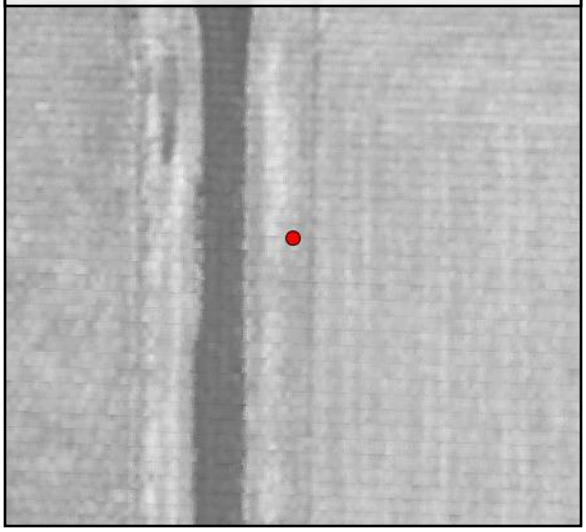
World Imagery



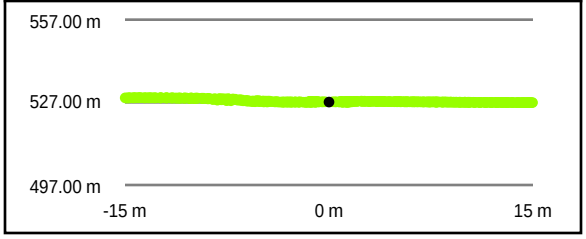
Southeast to Northwest



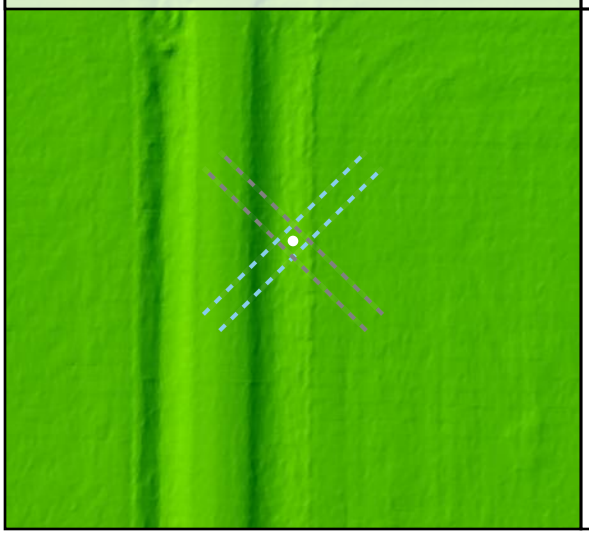
Intensity Raster



Southwest to Northeast

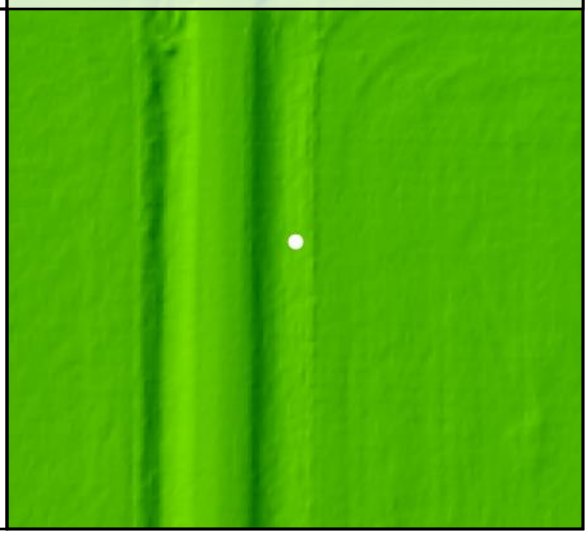


TIN Surface



Project Elevation

DEM Surface



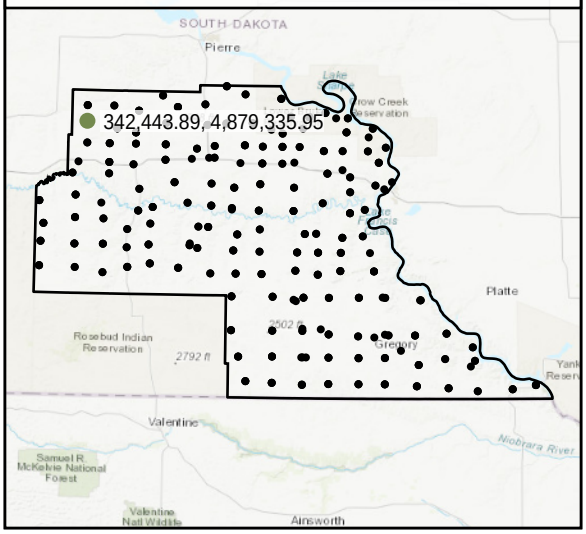
DEM Dz +0.09 m

VVA - TW086

TW087

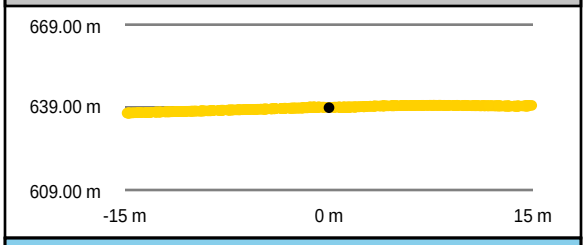
Known Z	638.87 m	Point Density	5.02 ppsm
DEM Dz	0.15 m	Ground Density	4.95 ppsm
Raw TIN Dz	N/A	Slope	6.07 °

Project Context

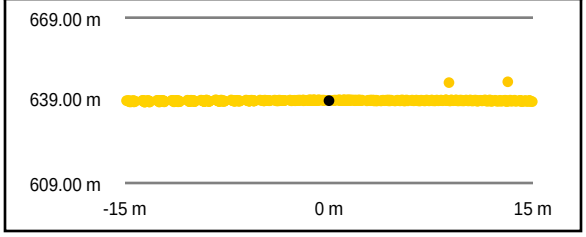


World Imagery

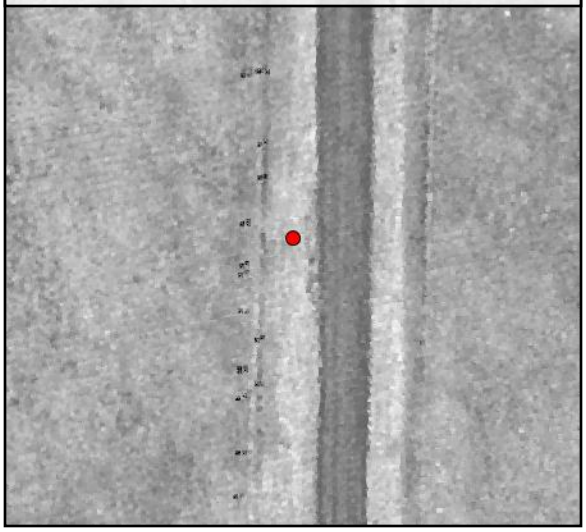
Southwest to Northeast



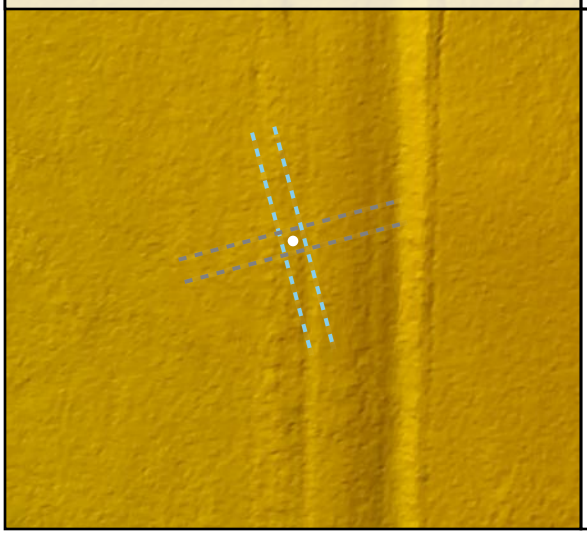
Southeast to Northwest



Intensity Raster

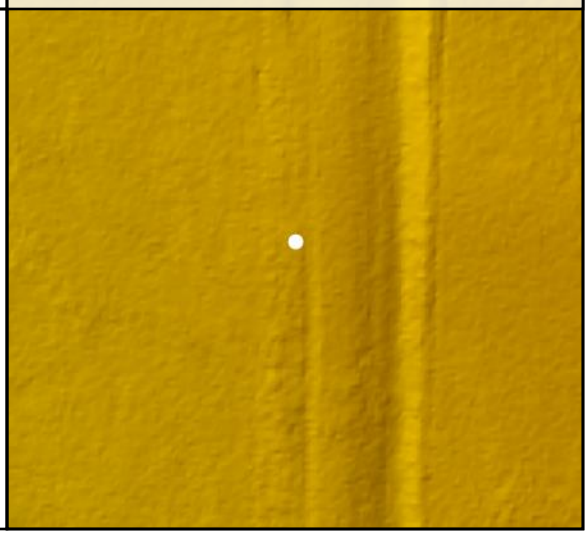


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.15 m

VVA - TW087

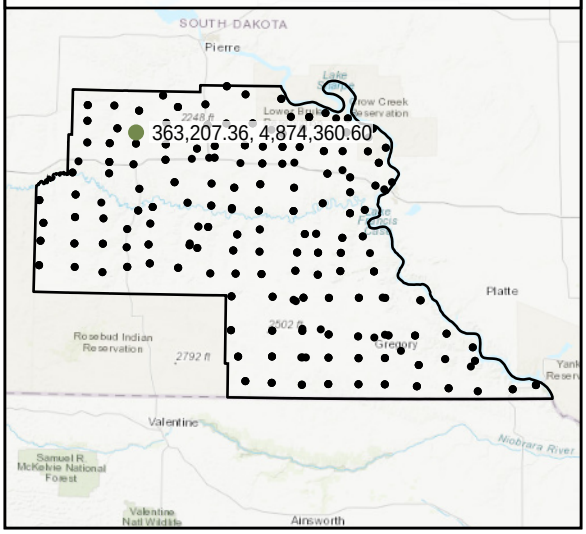
TW088

Known Z	613.86 m	Point Density	5.27 ppsm
DEM Dz	0.12 m	Ground Density	5.27 ppsm
Raw TIN Dz	N/A	Slope	3.84 °

DEM Dz +0.12 m

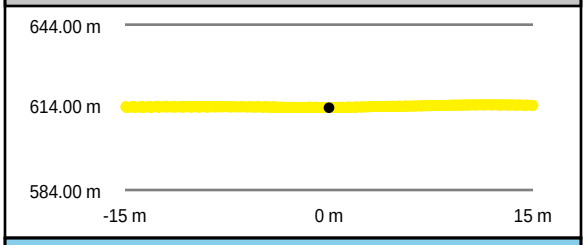
VVA - TW088

Project Context

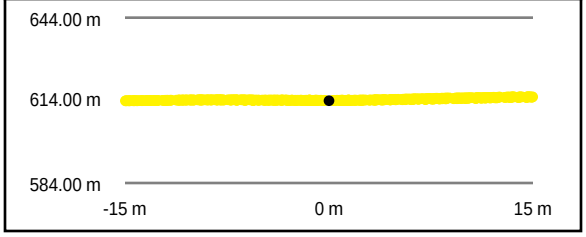


World Imagery

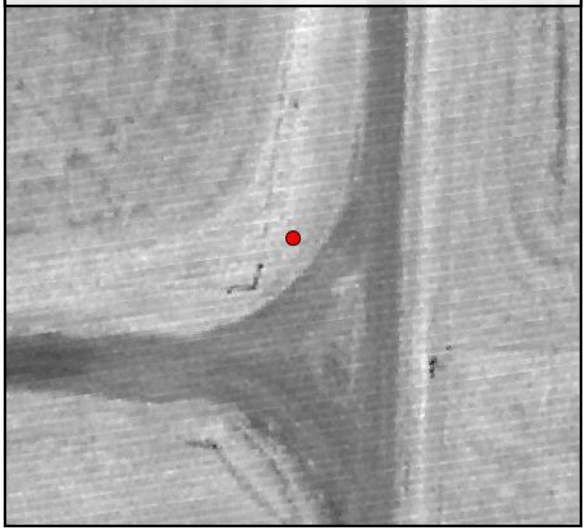
Southwest to Northeast



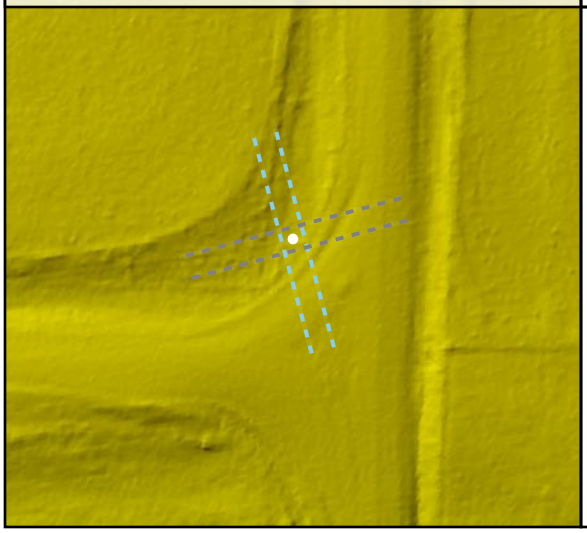
Southeast to Northwest



Intensity Raster



TIN Surface

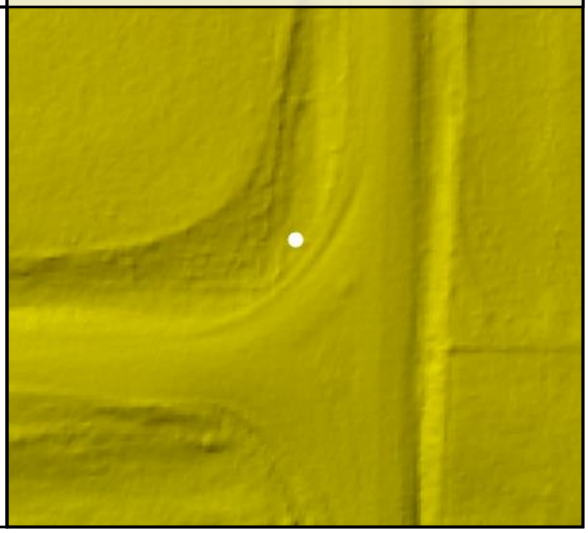


Project Elevation

795.78

413.64

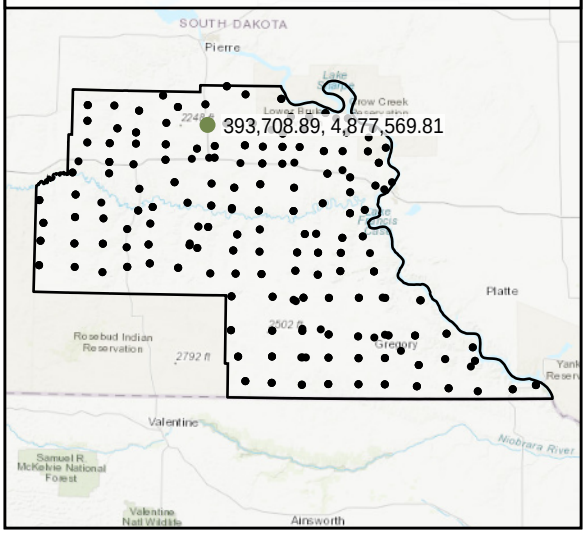
DEM Surface



TW089

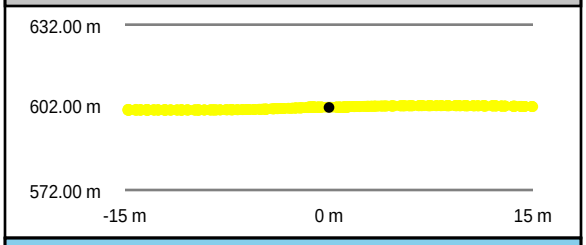
Known Z	601.96 m	Point Density	5.66 ppsm
DEM Dz	0.12 m	Ground Density	5.66 ppsm
Raw TIN Dz	N/A	Slope	8.04 °

Project Context

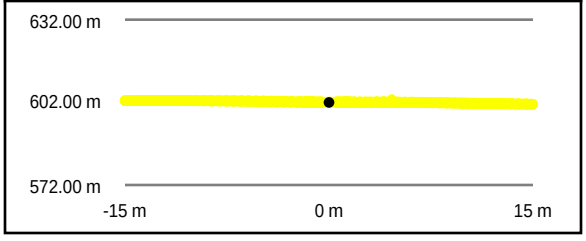


World Imagery

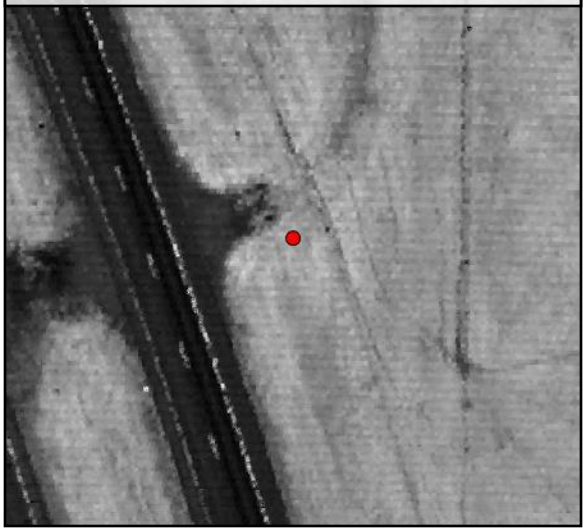
South to North



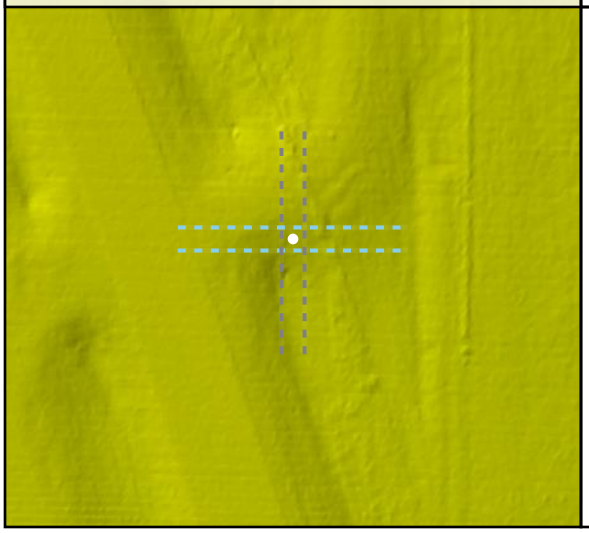
West to East



Intensity Raster

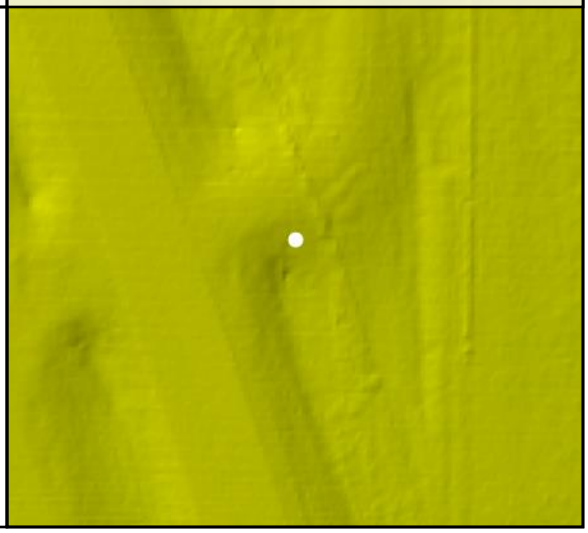


TIN Surface



Project Elevation

DEM Surface

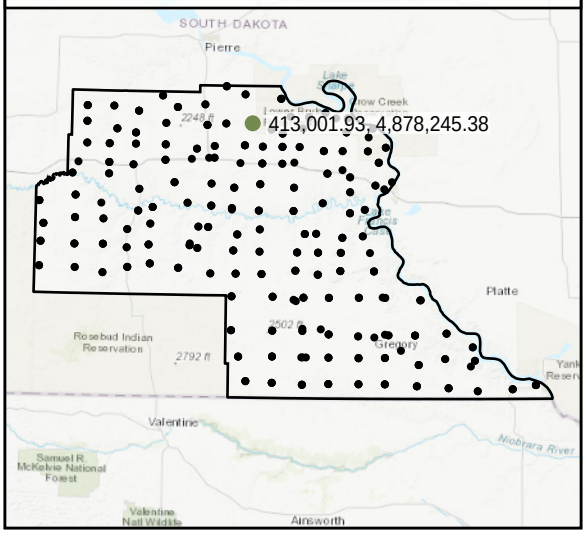


DEM Dz +0.12 m

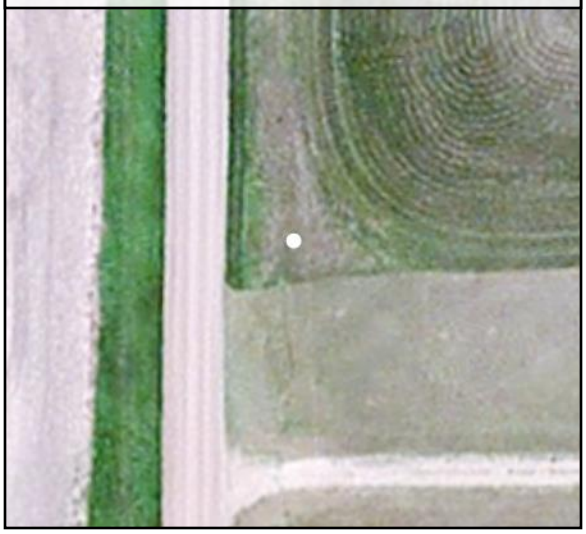
VVA - TW089

TW090				
	Known Z	619.29 m	Point Density	4.81 ppsm
	DEM Dz	0.18 m	Ground Density	4.81 ppsm
	Raw TIN Dz	N/A	Slope	3.65 °

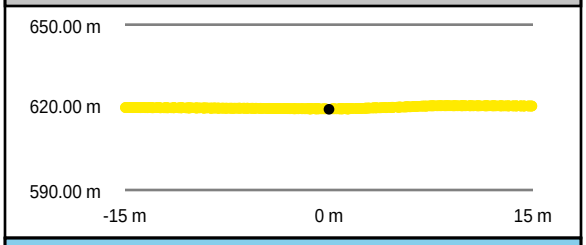
Project Context



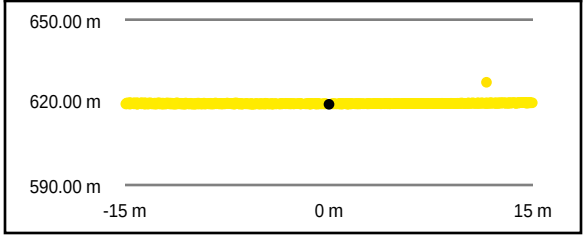
World Imagery



Southeast to Northwest

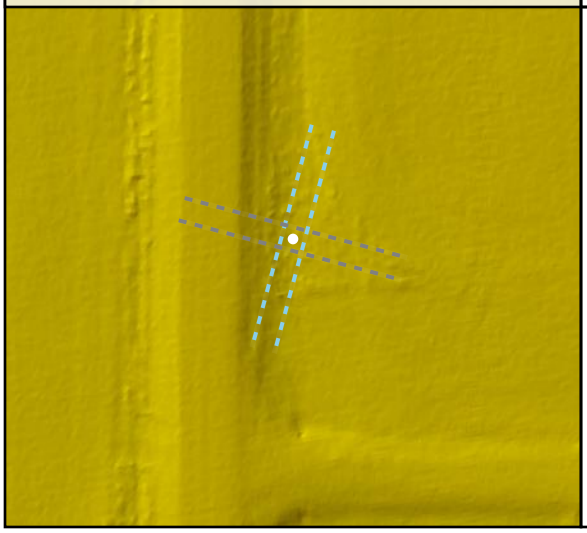


Southwest to Northeast



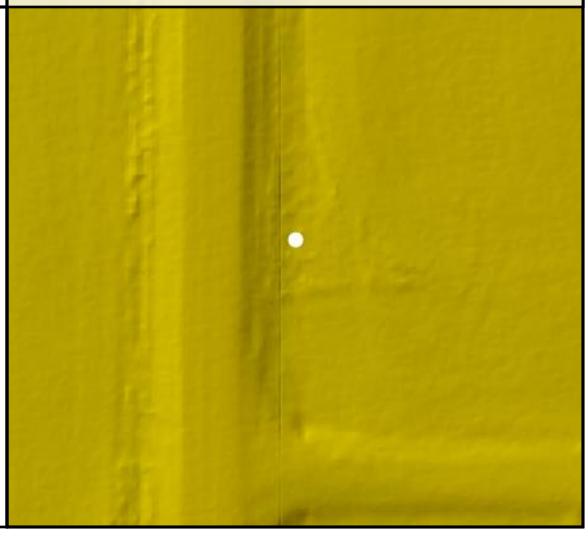
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



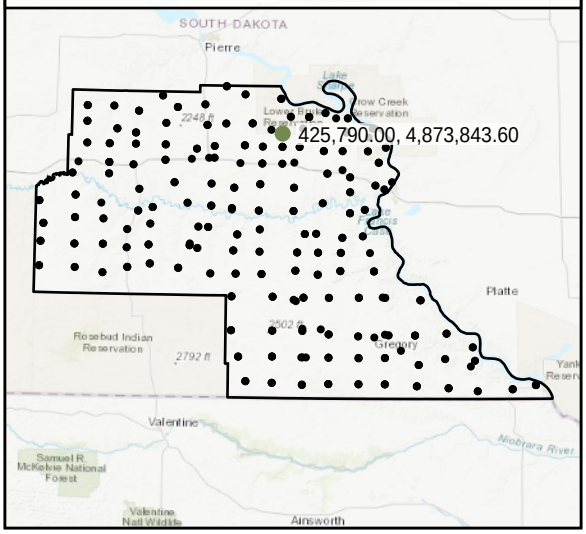
TW091

Known Z	556.22 m	Point Density	4.53 ppsm
DEM Dz	0.12 m	Ground Density	4.46 ppsm
Raw TIN Dz	N/A	Slope	2.02 °

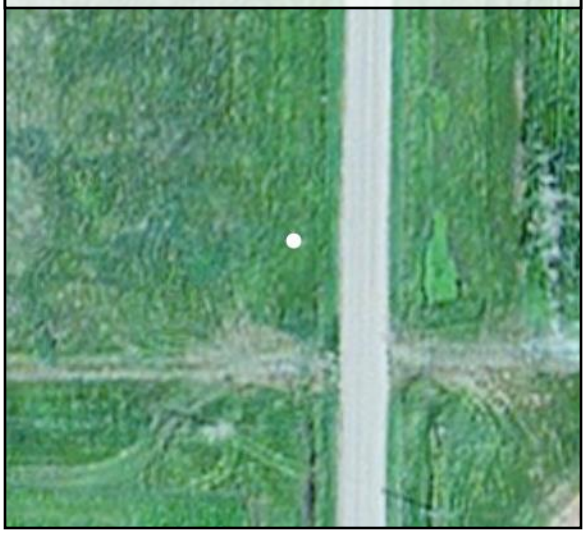
DEM Dz +0.12 m

VVA - TW091

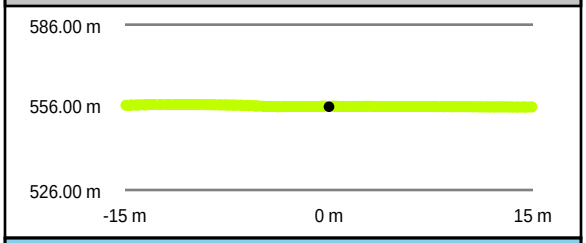
Project Context



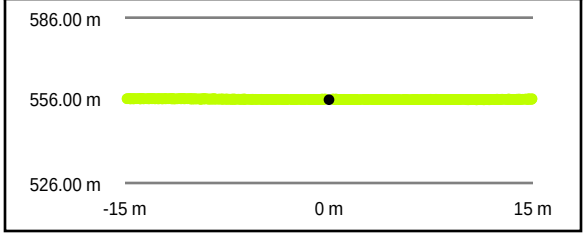
World Imagery



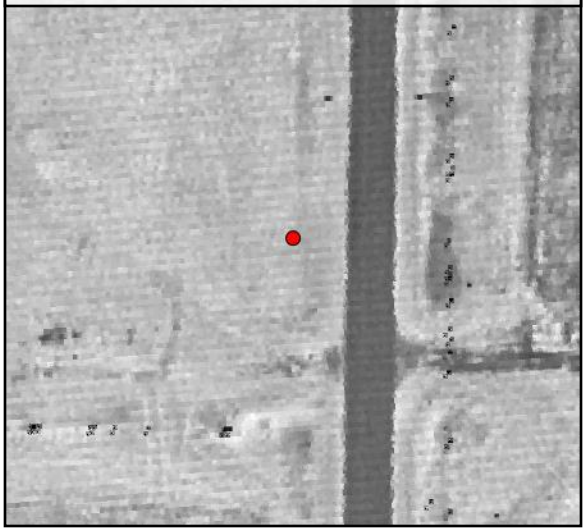
Southeast to Northwest



Southwest to Northeast



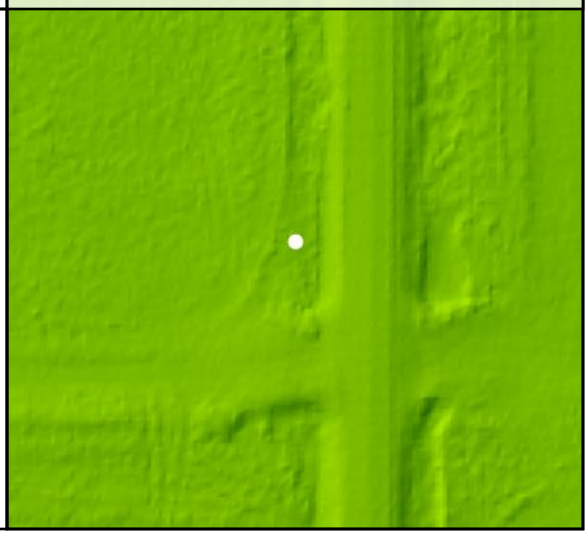
Intensity Raster



TIN Surface

Project Elevation

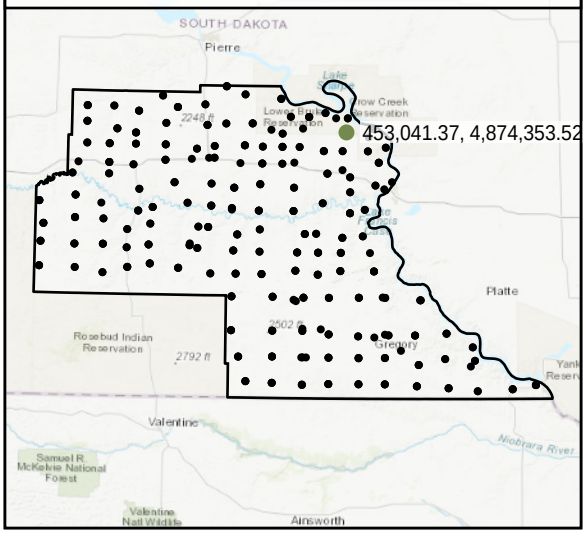
DEM Surface



TW092

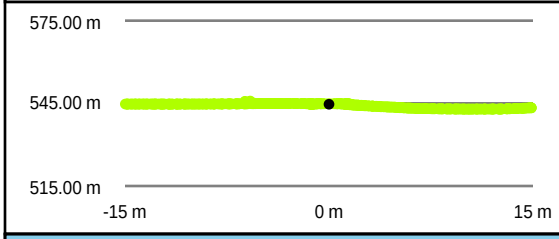
Known Z	544.67 m	Point Density	4.74 ppsm
DEM Dz	0.18 m	Ground Density	4.74 ppsm
Raw TIN Dz	N/A	Slope	4.65 °

Project Context

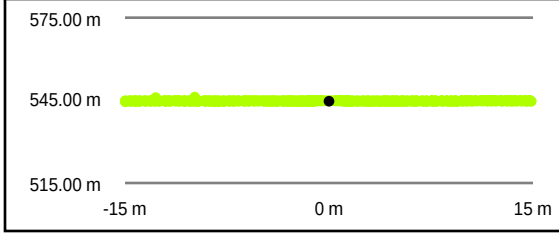


World Imagery

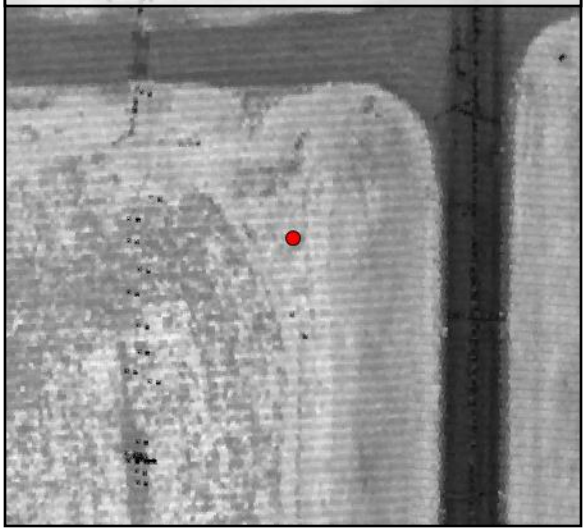
West to East



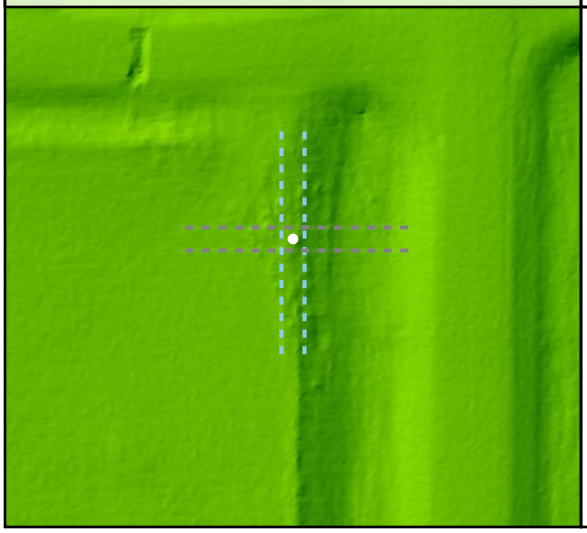
South to North



Intensity Raster

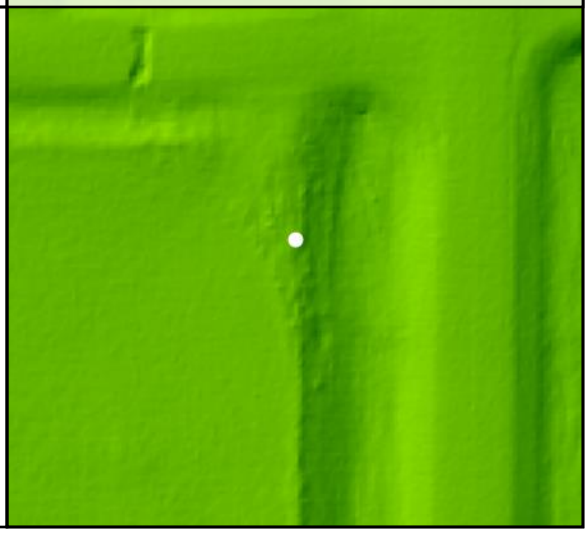


TIN Surface



Project Elevation

DEM Surface



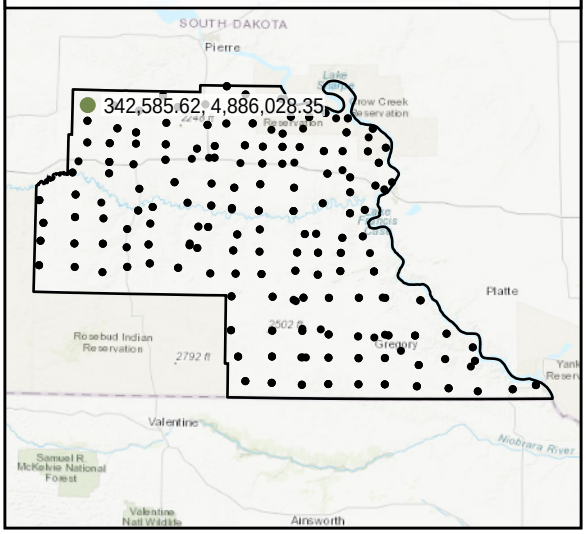
DEM Dz +0.18 m

VVA - TW092

TW093

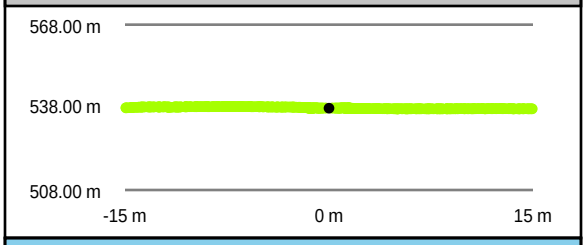
Known Z	537.68 m	Point Density	4.63 ppsm
DEM Dz	0.04 m	Ground Density	4.63 ppsm
Raw TIN Dz	N/A	Slope	7.36 °

Project Context

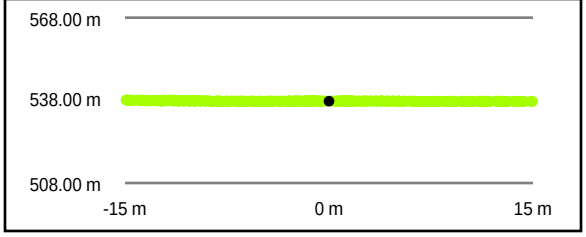


World Imagery

West to East

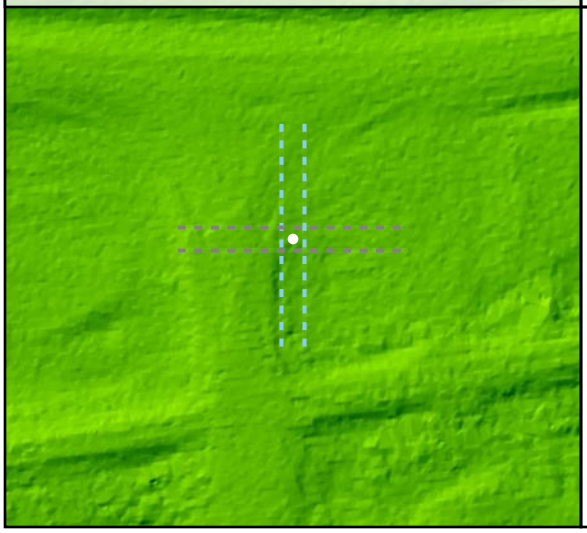


South to North



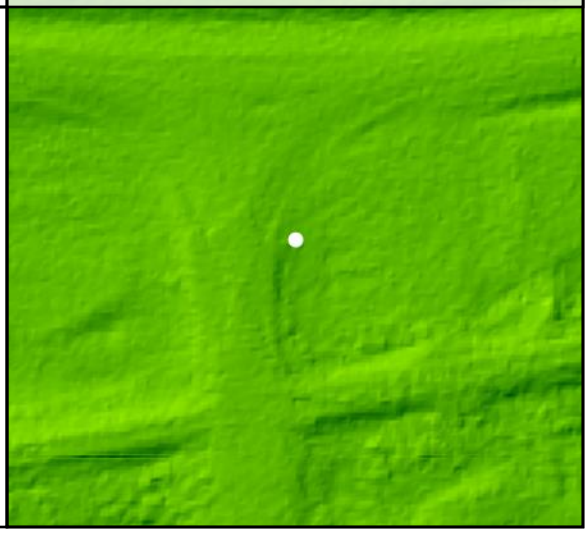
Intensity Raster

TIN Surface



Project Elevation

DEM Surface

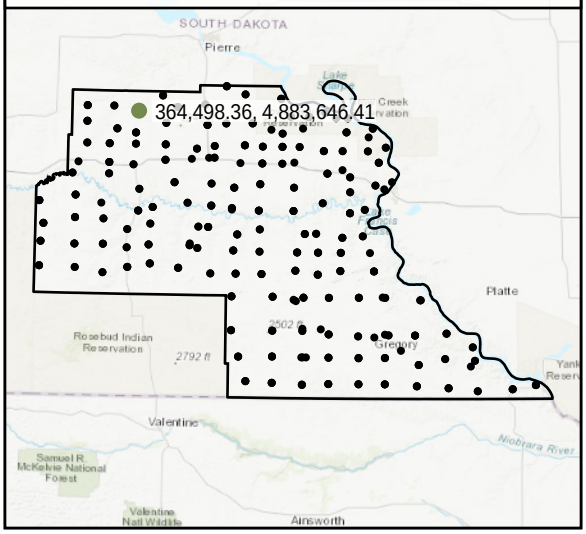


DEM Dz +0.04 m

VVA - TW093

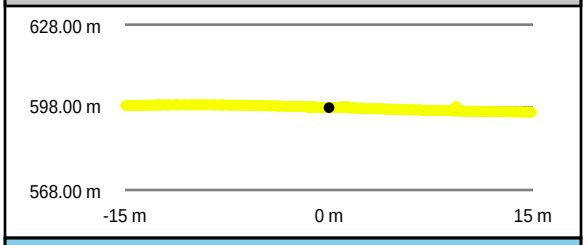
TW094				
	Known Z	597.88 m	Point Density	4.63 ppsm
	DEM Dz	0.11 m	Ground Density	4.63 ppsm
	Raw TIN Dz	N/A	Slope	9.60 °

Project Context

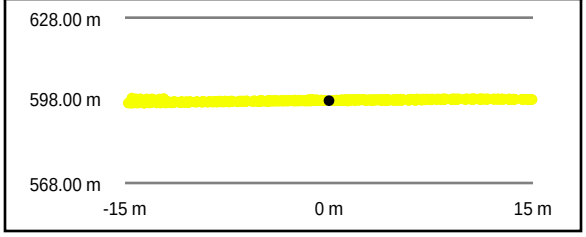


World Imagery

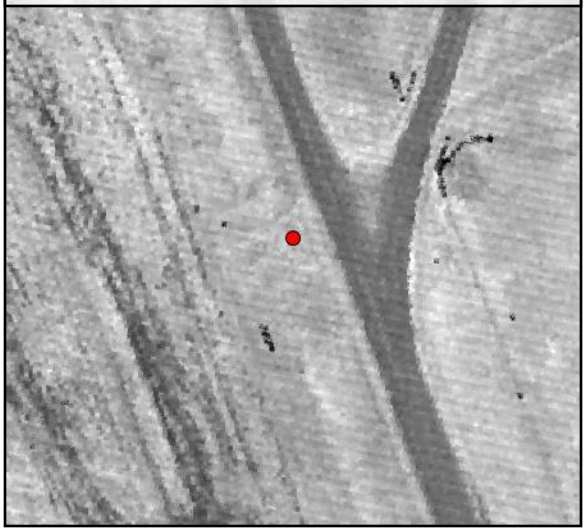
Southeast to Northwest



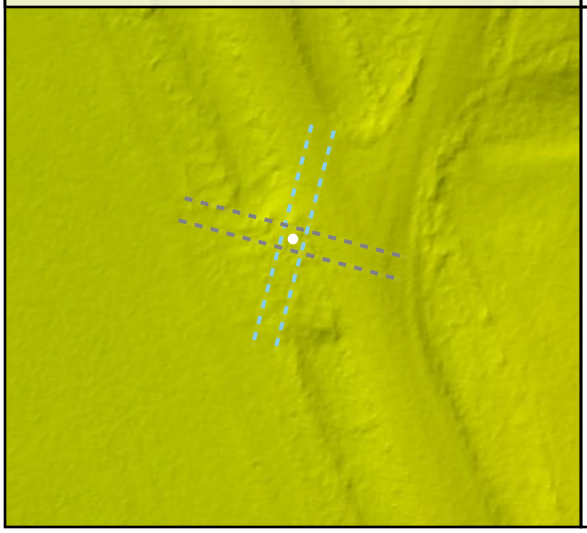
Southwest to Northeast



Intensity Raster

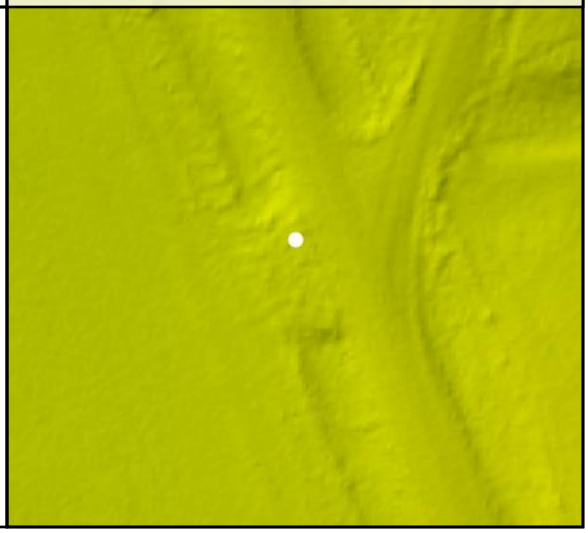


TIN Surface



Project Elevation

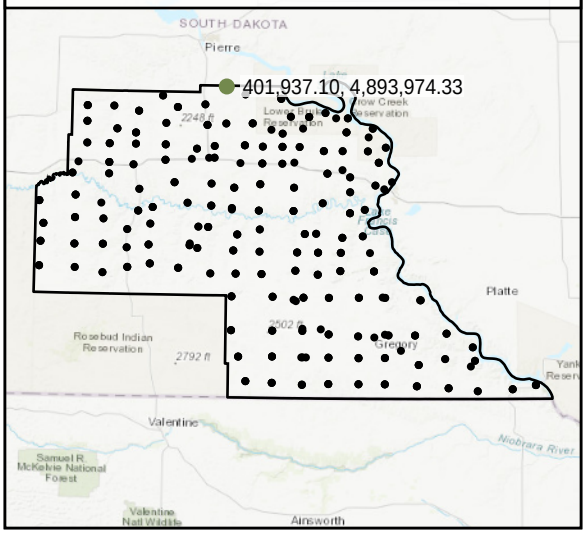
DEM Surface



TW095

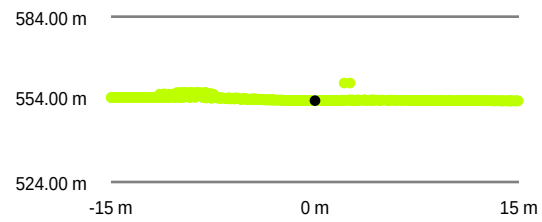
Known Z	553.53 m	Point Density	4.81 ppsm
DEM Dz	0.02 m	Ground Density	4.74 ppsm
Raw TIN Dz	N/A	Slope	0.89 °

Project Context

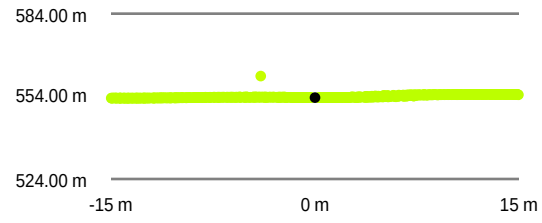


World Imagery

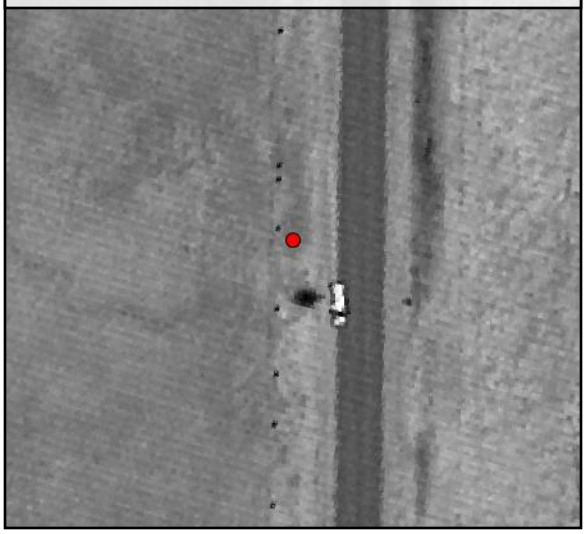
Southeast to Northwest



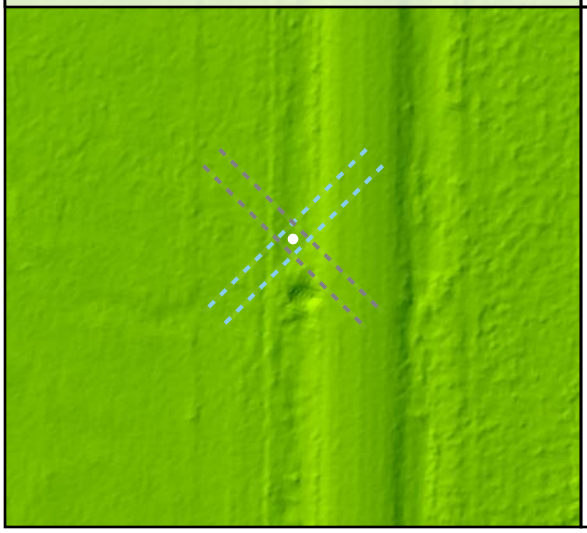
Southwest to Northeast



Intensity Raster

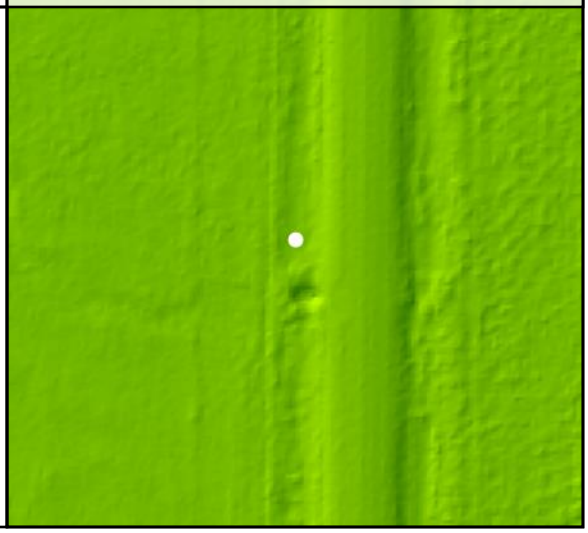


TIN Surface



Project Elevation

DEM Surface

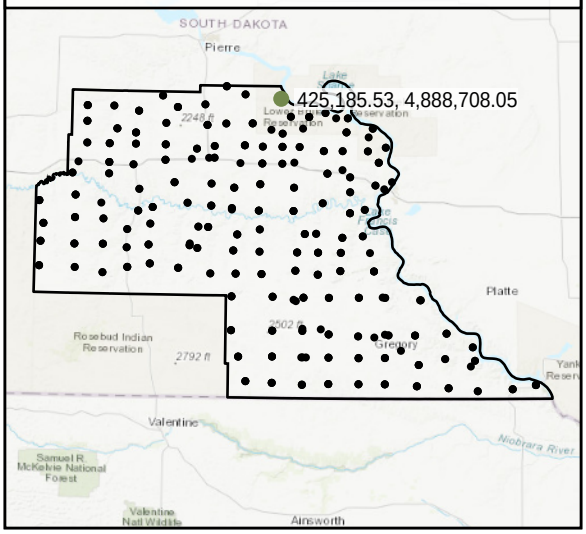


DEM Dz +0.02 m

VVA - TW095

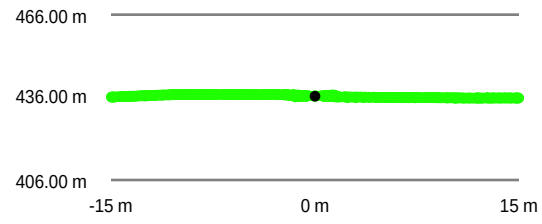
TW096				
	Known Z	436.40 m	Point Density	4.56 ppsm
	DEM Dz	0.09 m	Ground Density	4.46 ppsm
	Raw TIN Dz	N/A	Slope	14.27 °

Project Context

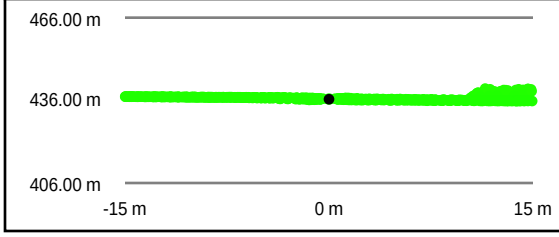


World Imagery

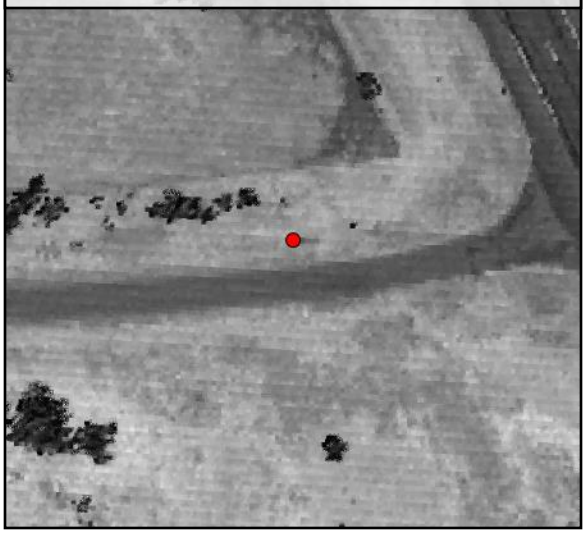
Southwest to Northeast



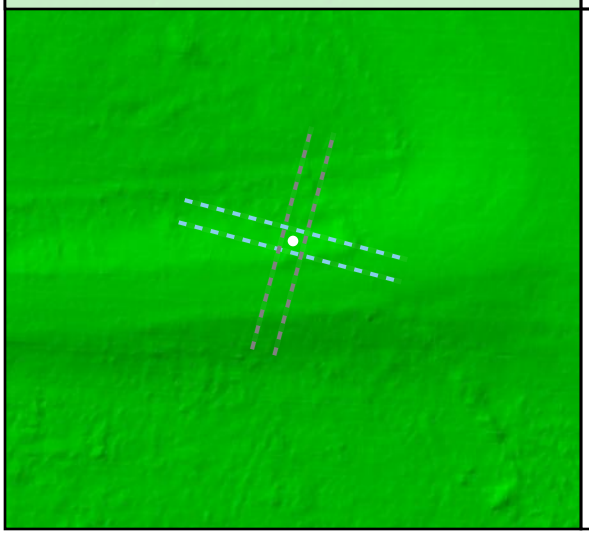
Southeast to Northwest



Intensity Raster

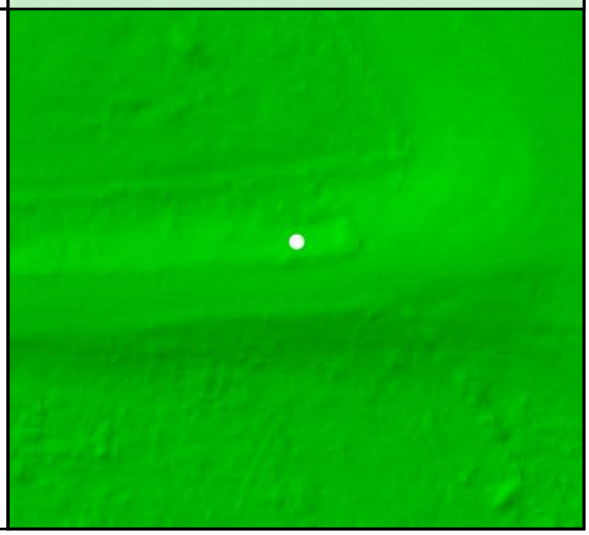


TIN Surface



Project Elevation

DEM Surface



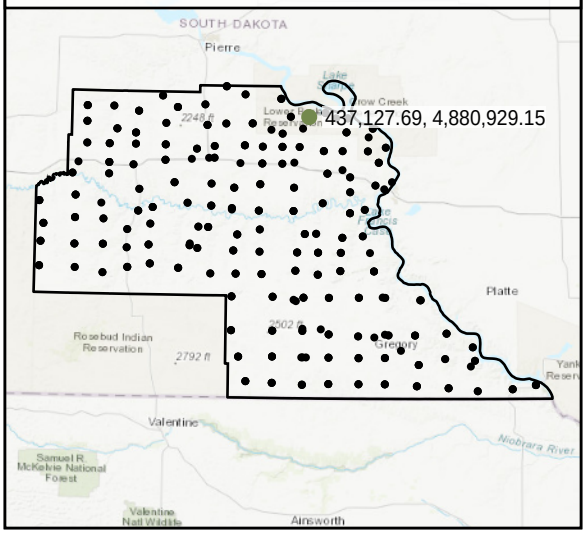
TW097

Known Z	528.35 m	Point Density	4.39 ppsm
DEM Dz	0.08 m	Ground Density	4.39 ppsm
Raw TIN Dz	N/A	Slope	9.42 °

DEM Dz +0.08 m

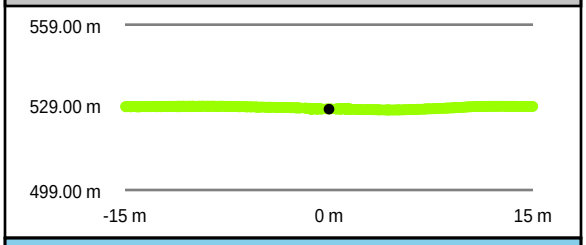
VVA - TW097

Project Context

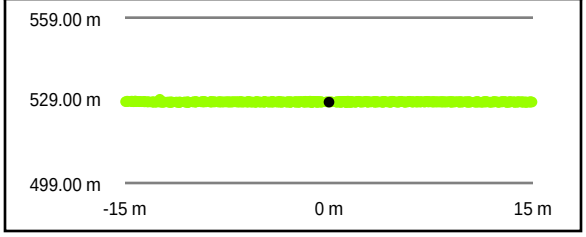


World Imagery

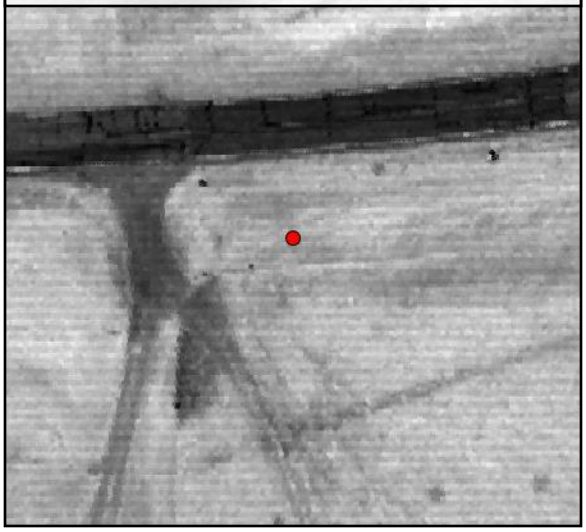
Southeast to Northwest



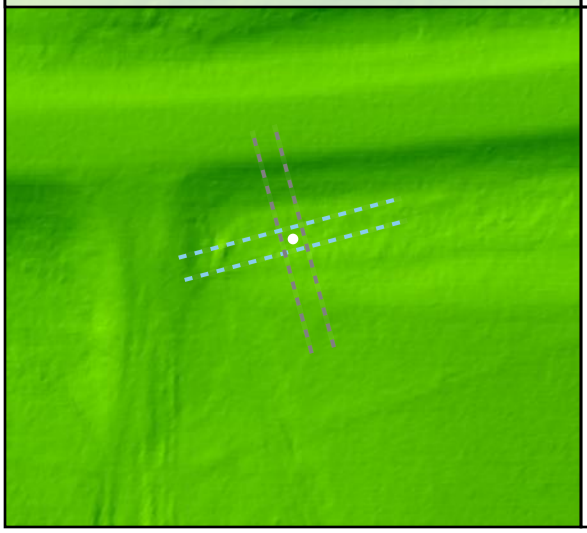
Southwest to Northeast



Intensity Raster

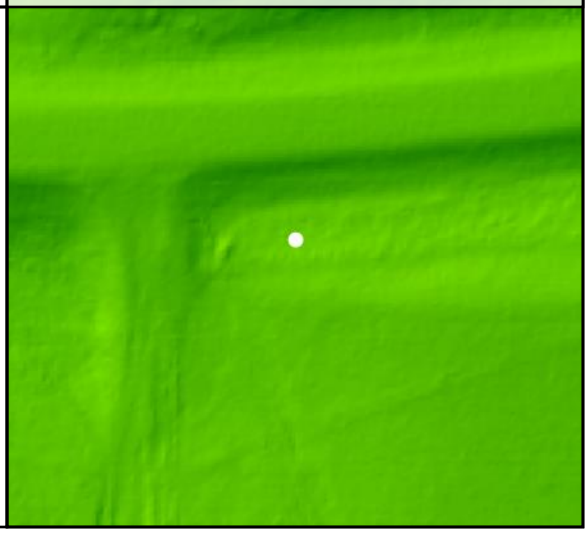


TIN Surface



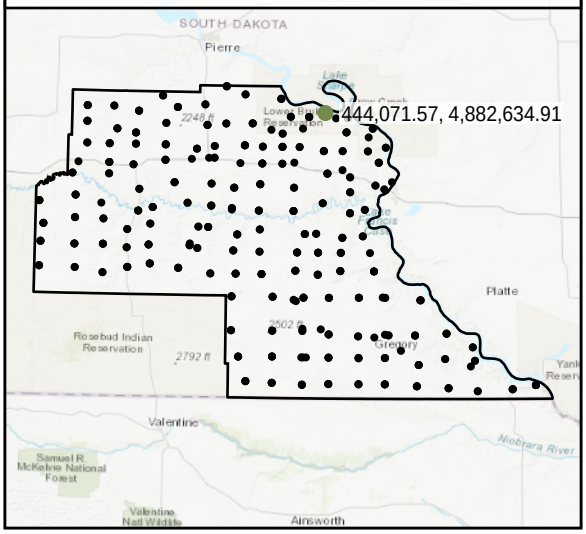
Project Elevation

DEM Surface



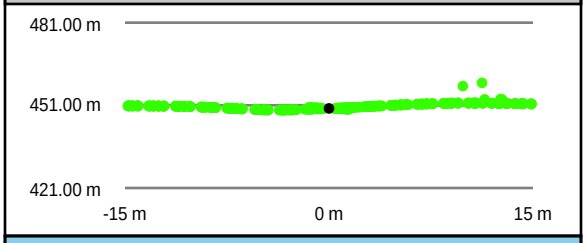
TW098				
	Known Z	449.87 m	Point Density	3.04 ppsm
	DEM Dz	0.01 m	Ground Density	3.04 ppsm
	Raw TIN Dz	N/A	Slope	12.95 °

Project Context

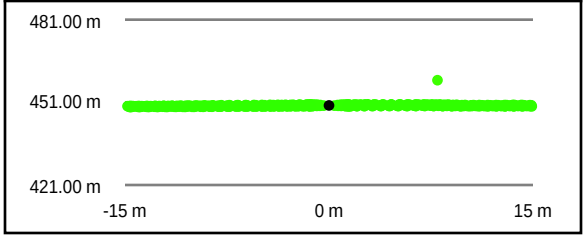


World Imagery

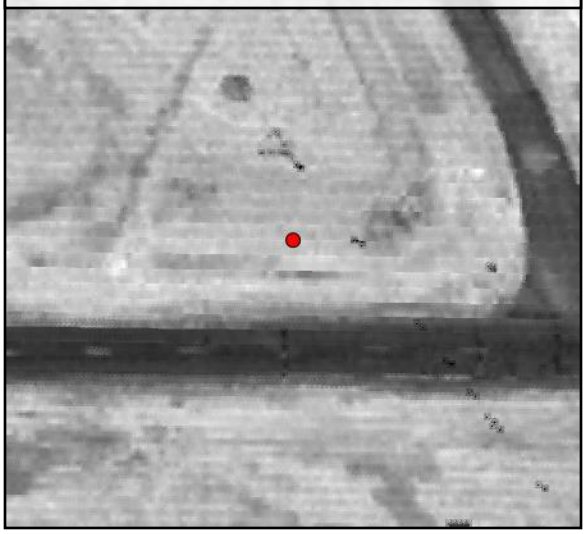
South to North



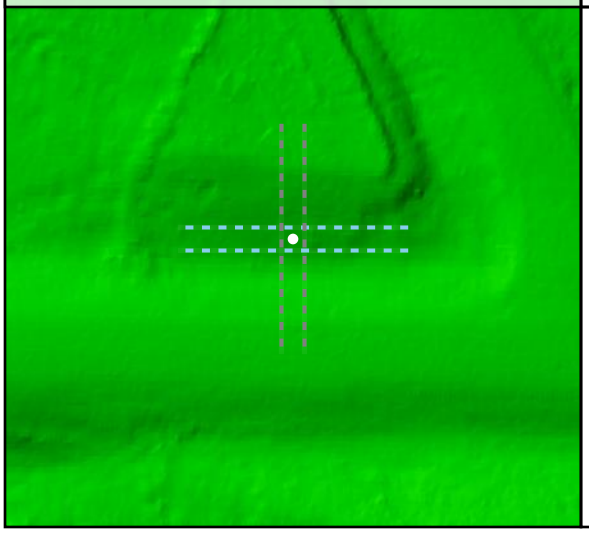
West to East



Intensity Raster

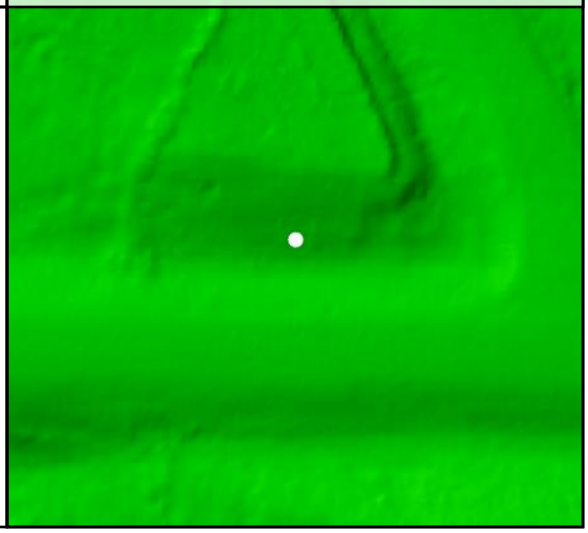


TIN Surface



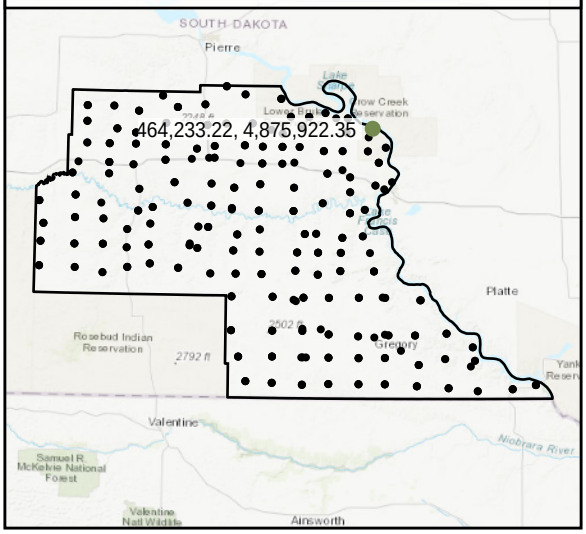
Project Elevation

DEM Surface



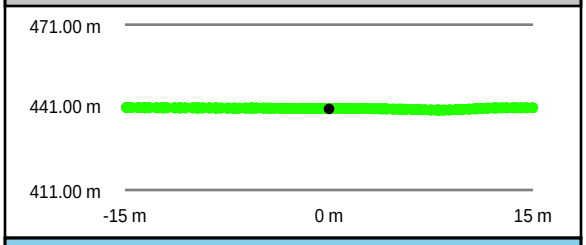
TW099				
	Known Z	440.44 m	Point Density	4.81 ppsm
	DEM Dz	0.16 m	Ground Density	4.81 ppsm
	Raw TIN Dz	N/A	Slope	4.19 °

Project Context

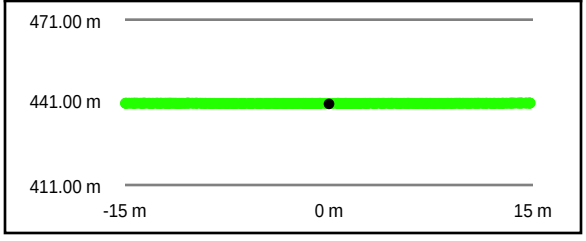


World Imagery

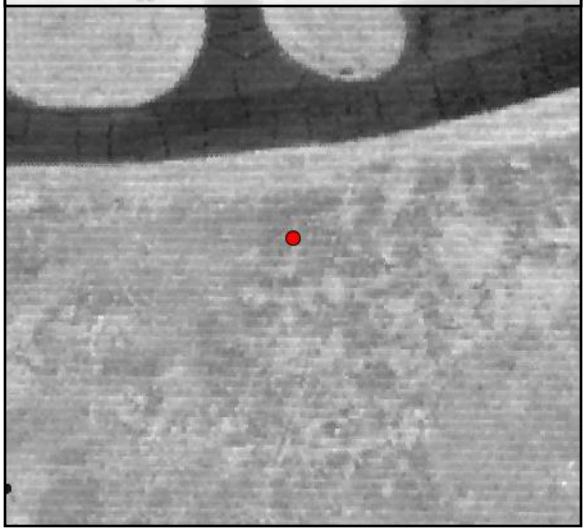
South to North



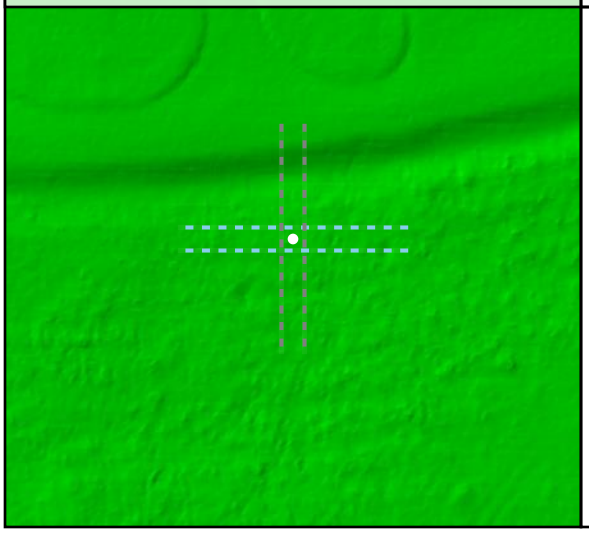
West to East



Intensity Raster

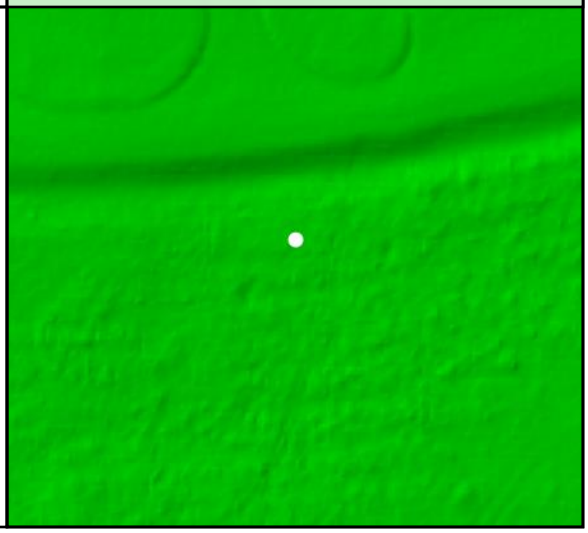


TIN Surface



Project Elevation

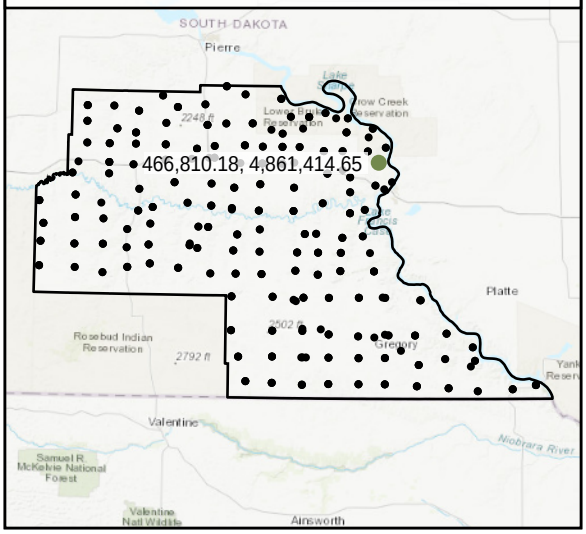
DEM Surface



TW100

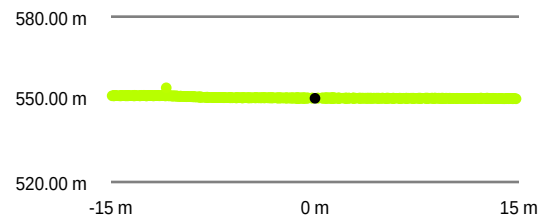
Known Z	550.38 m	Point Density	4.92 ppsm
DEM Dz	0.08 m	Ground Density	4.92 ppsm
Raw TIN Dz	N/A	Slope	1.16 °

Project Context

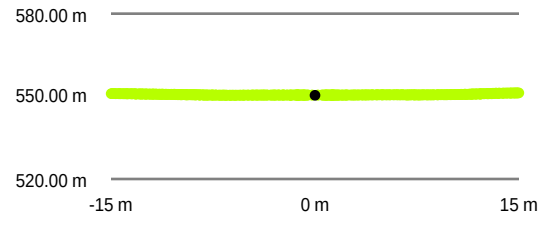


World Imagery

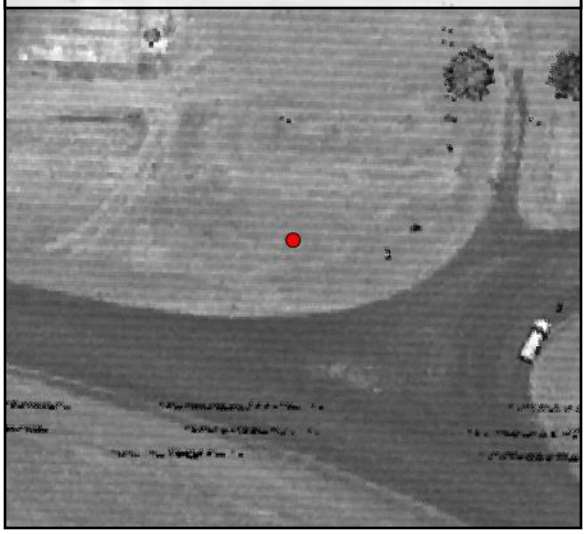
Southeast to Northwest



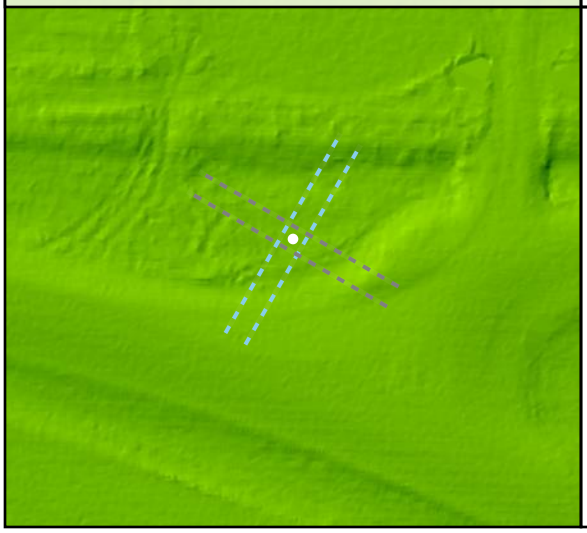
Southwest to Northeast



Intensity Raster

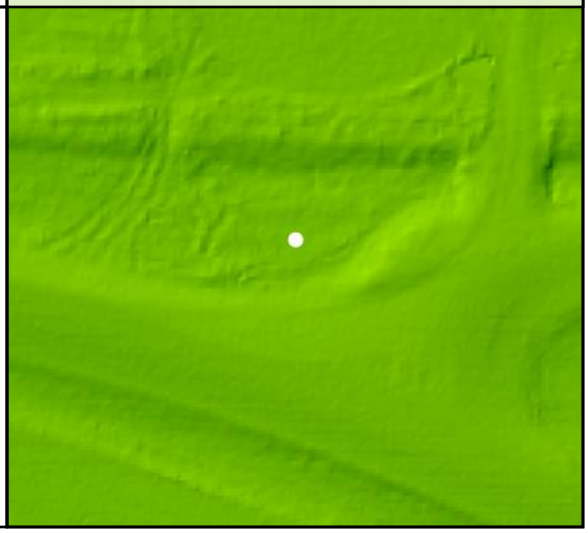


TIN Surface



Project Elevation

DEM Surface



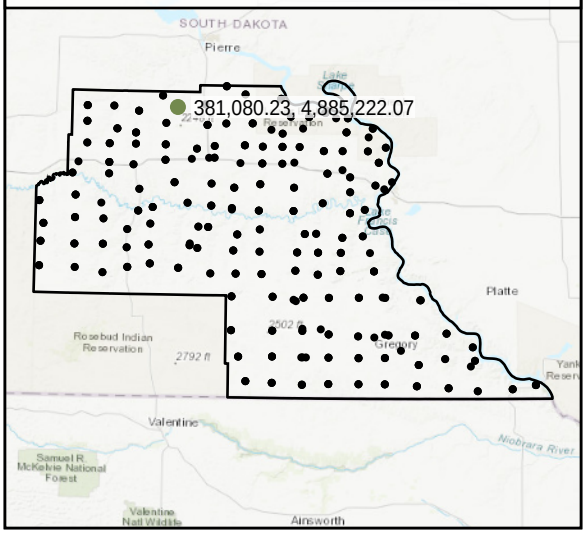
DEM Dz +0.08 m

VVA - TW100

TW101

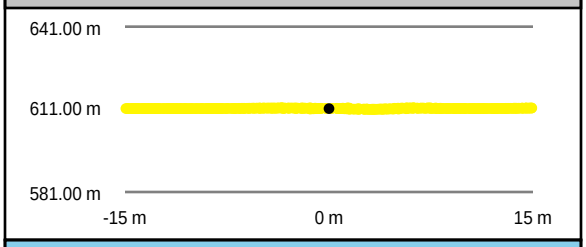
Known Z	611.26 m	Point Density	3.82 ppsm
DEM Dz	0.08 m	Ground Density	3.82 ppsm
Raw TIN Dz	N/A	Slope	4.51 °

Project Context

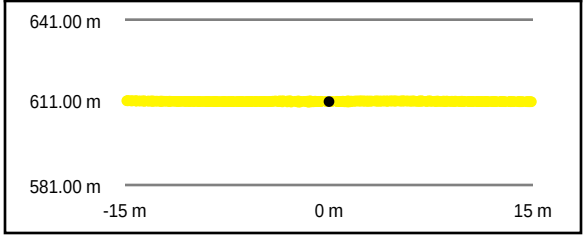


World Imagery

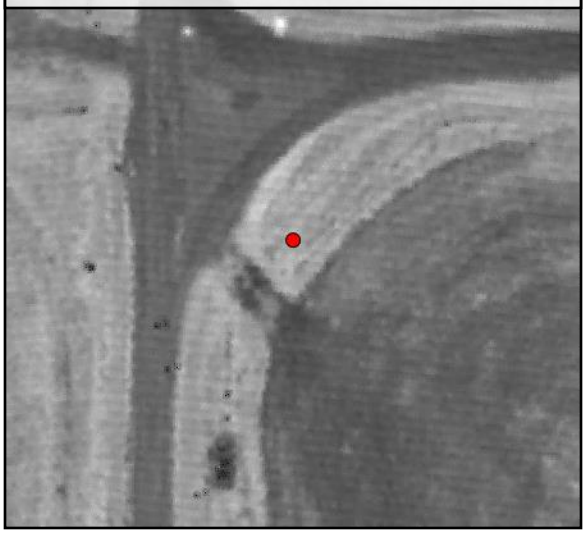
Southeast to Northwest



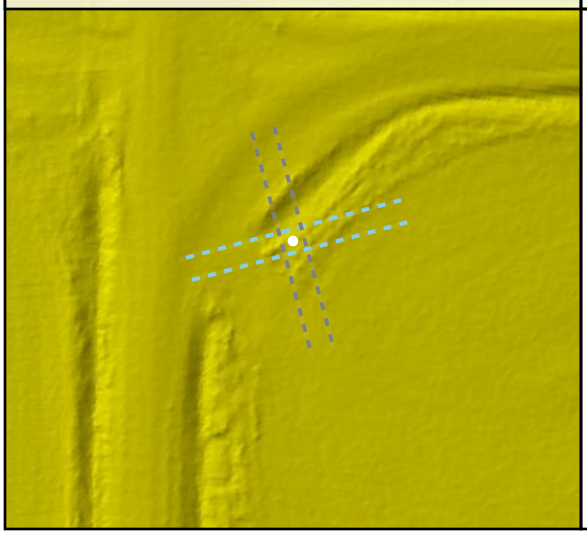
Southwest to Northeast



Intensity Raster

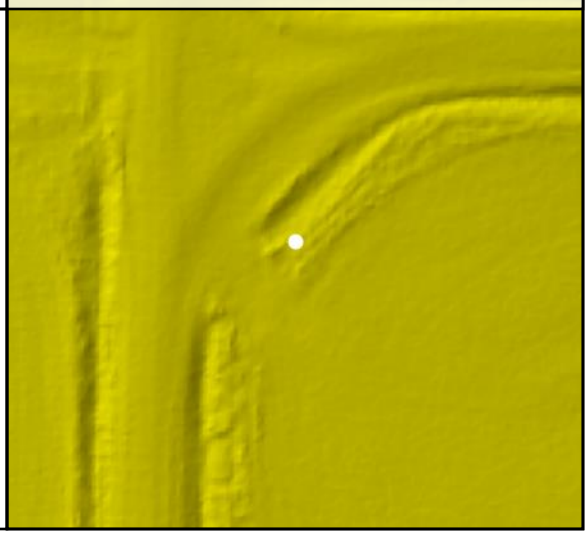


TIN Surface



Project Elevation

DEM Surface



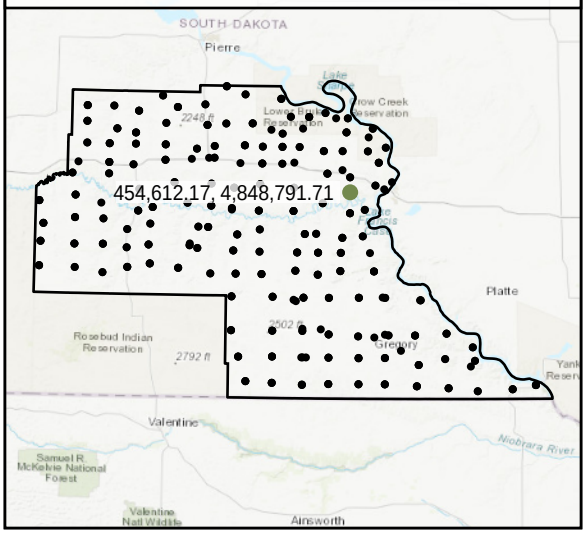
DEM Dz +0.08 m

VVA - TW101

TW102

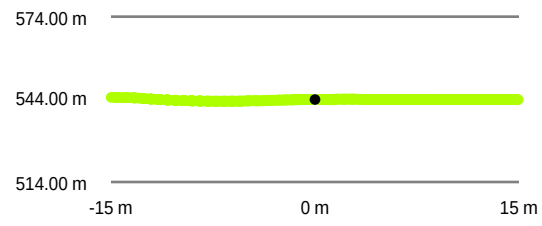
Known Z	543.92 m	Point Density	4.56 ppsm
DEM Dz	0.02 m	Ground Density	4.56 ppsm
Raw TIN Dz	N/A	Slope	4.32 °

Project Context

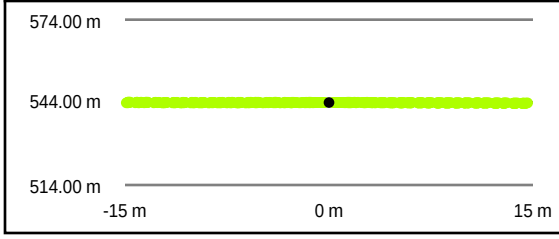


World Imagery

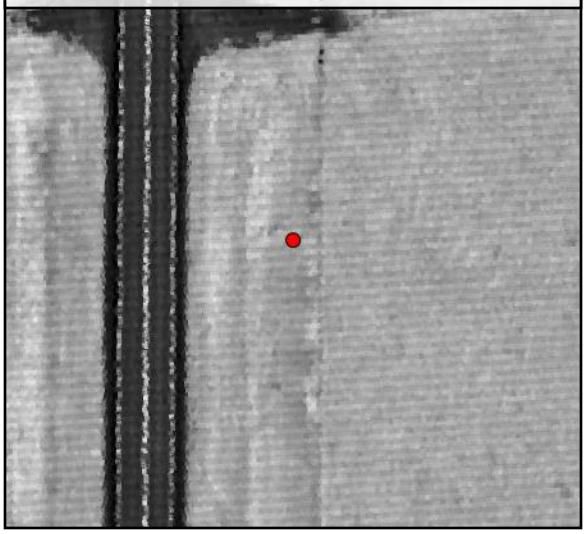
West to East



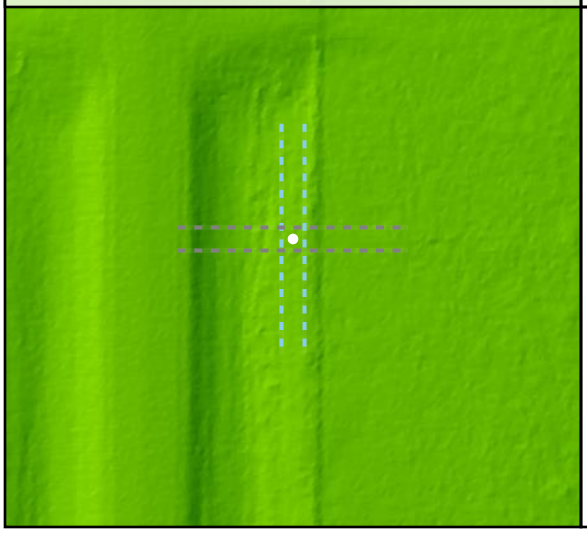
South to North



Intensity Raster

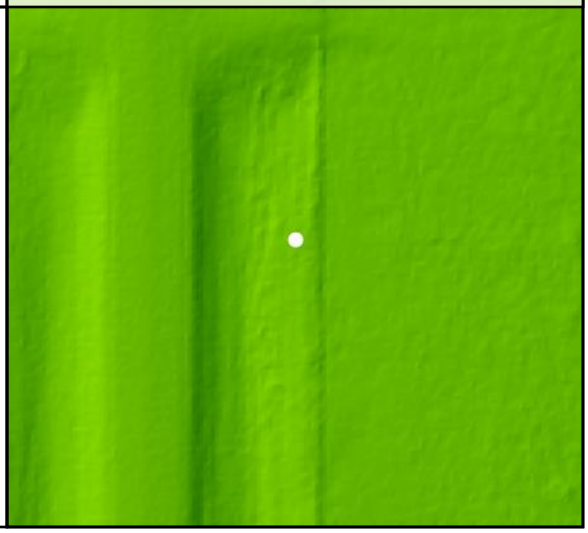


TIN Surface



Project Elevation

DEM Surface



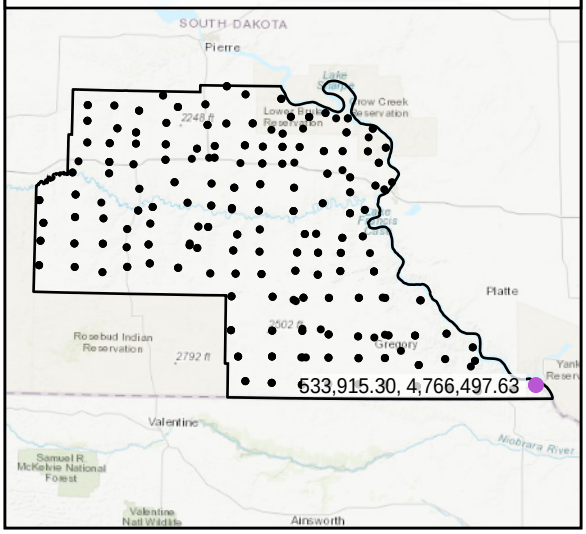
DEM Dz +0.02 m

VVA - TW102

CAL001

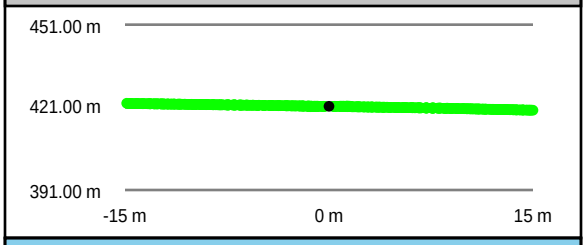
Known Z	421.38 m	Point Density	4.67 ppsm
DEM Dz	-0.04 m	Ground Density	4.67 ppsm
Raw TIN Dz	-0.04 m	Slope	4.78 °

Project Context

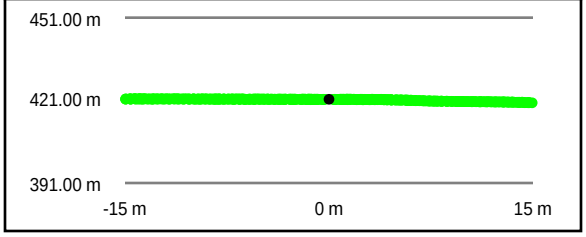


World Imagery

Southeast to Northwest

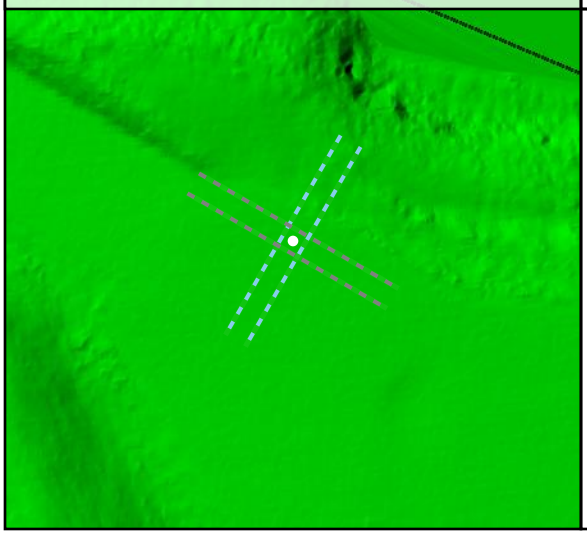


Southwest to Northeast



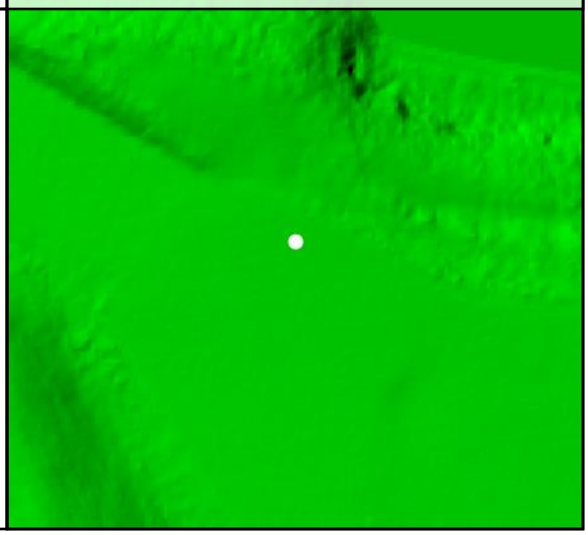
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

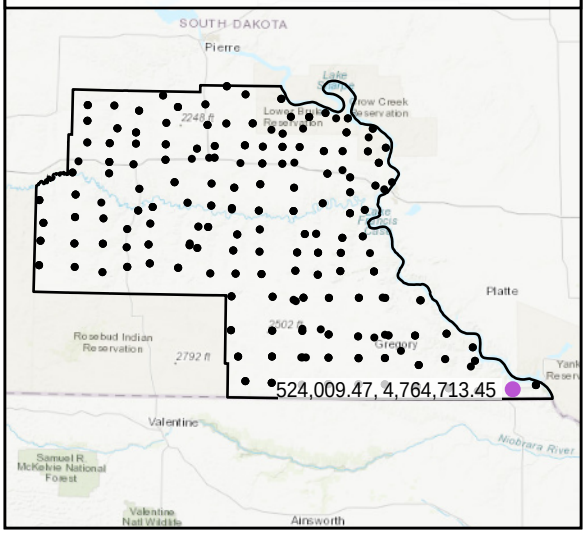
CAL - CAL001

Raw TIN Dz -0.04 m

CAL002

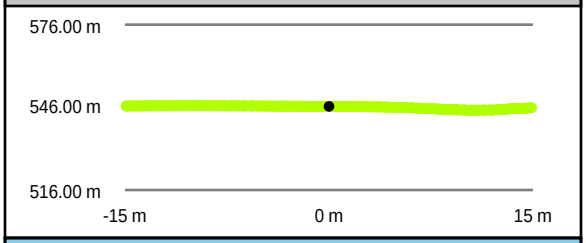
Known Z	546.34 m	Point Density	4.63 ppsm
DEM Dz	-0.02 m	Ground Density	4.63 ppsm
Raw TIN Dz	-0.02 m	Slope	2.43 °

Project Context

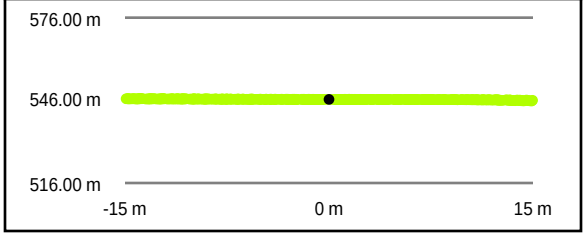


World Imagery

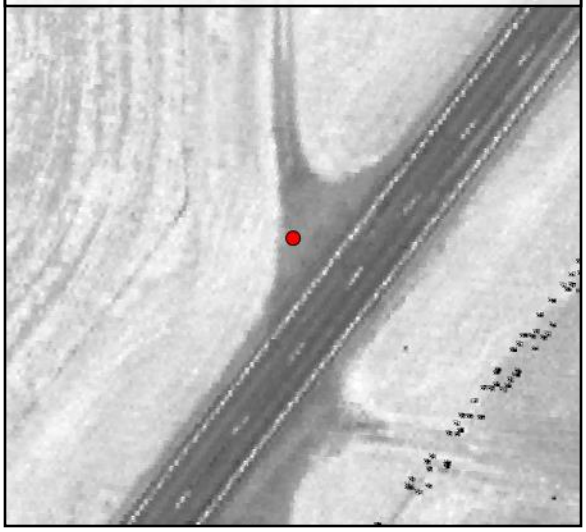
Southeast to Northwest



Southwest to Northeast



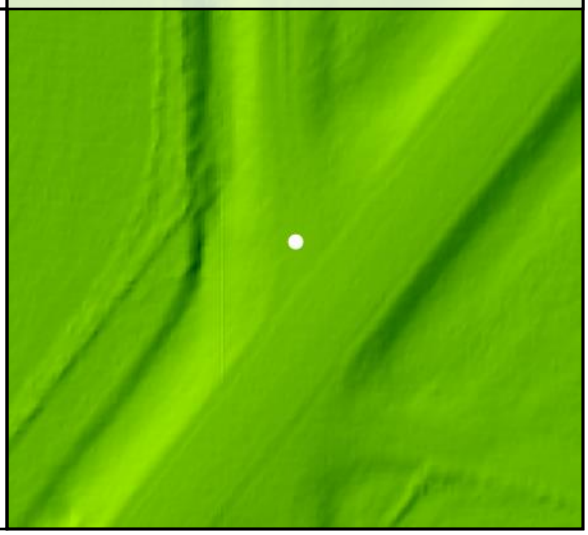
Intensity Raster



TIN Surface

Project Elevation

DEM Surface



DEM Dz -0.02 m

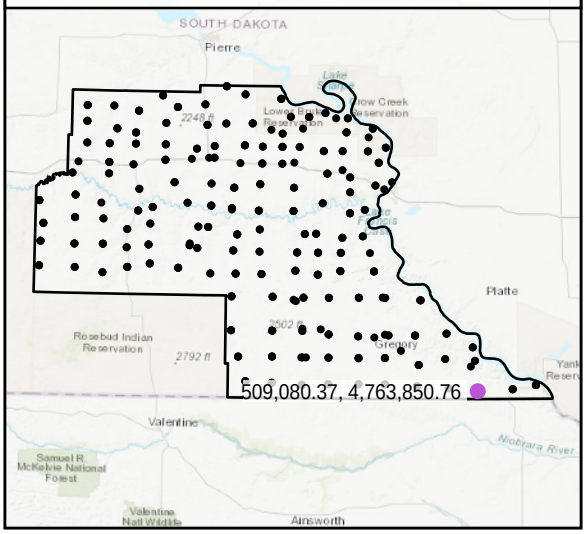
CAL - CAL002

Raw TIN Dz -0.02 m

CAL003

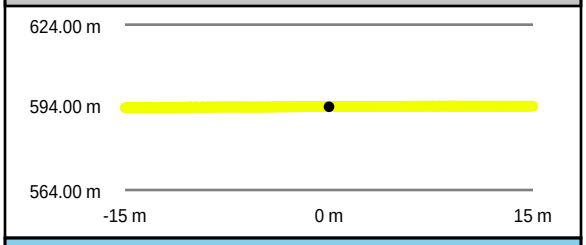
Known Z	594.21 m	Point Density	6.05 ppsm
DEM Dz	0.08 m	Ground Density	6.05 ppsm
Raw TIN Dz	0.07 m	Slope	1.58 °

Project Context

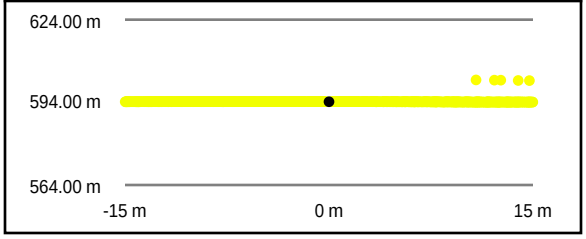


World Imagery

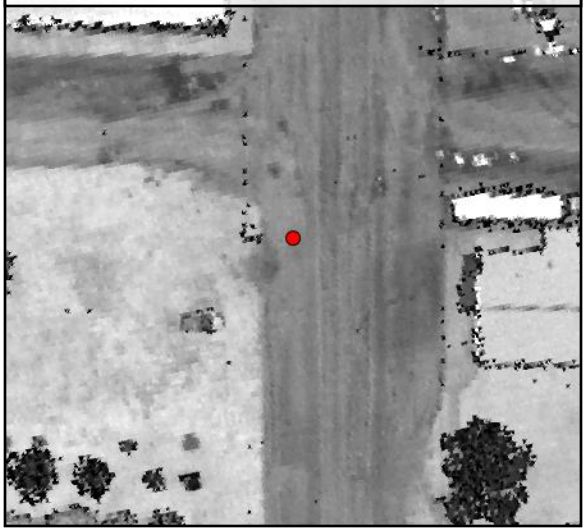
Southwest to Northeast



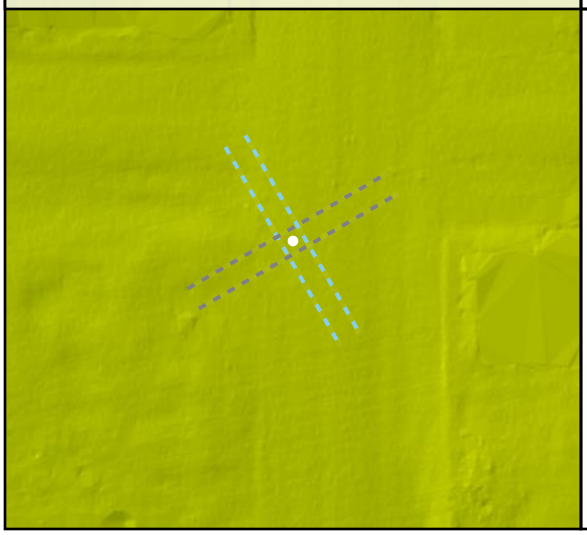
Southeast to Northwest



Intensity Raster

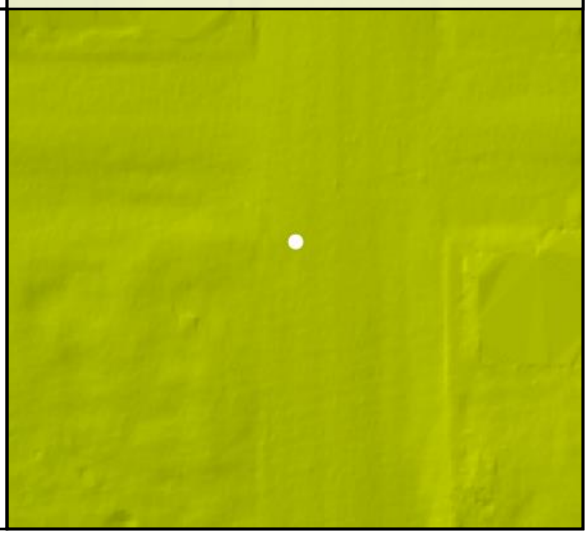


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.08 m

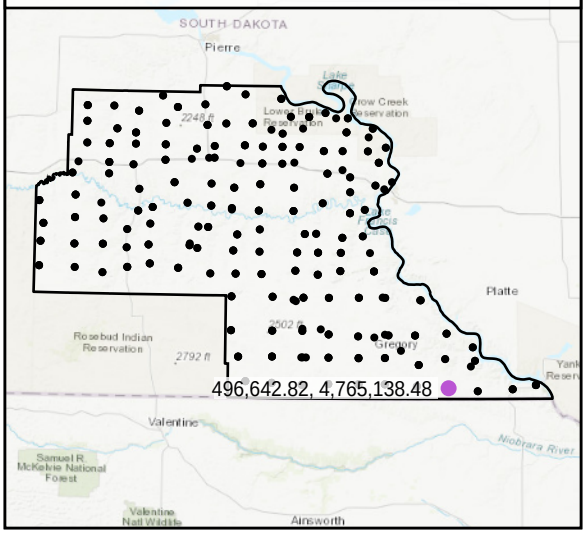
CAL - CAL003

Raw TIN Dz +0.07 m

CAL004

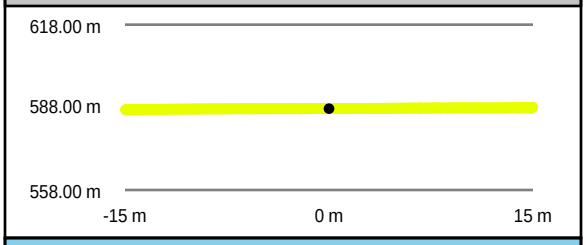
Known Z	587.53 m	Point Density	5.27 ppsm
DEM Dz	-0.01 m	Ground Density	5.27 ppsm
Raw TIN Dz	-0.01 m	Slope	2.30 °

Project Context

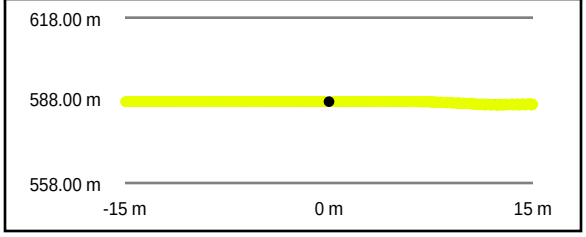


World Imagery

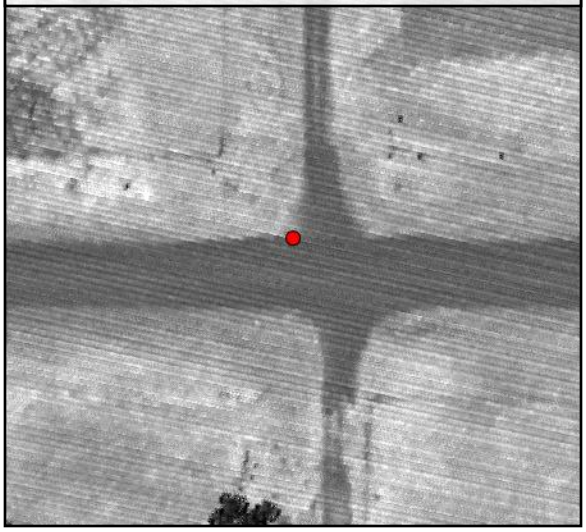
Southwest to Northeast



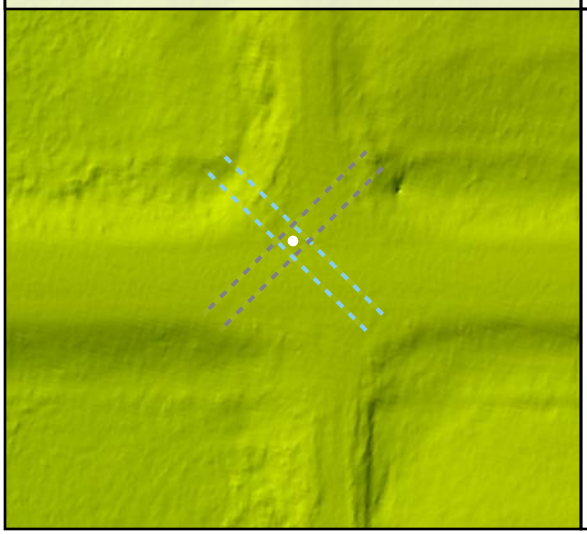
Southeast to Northwest



Intensity Raster

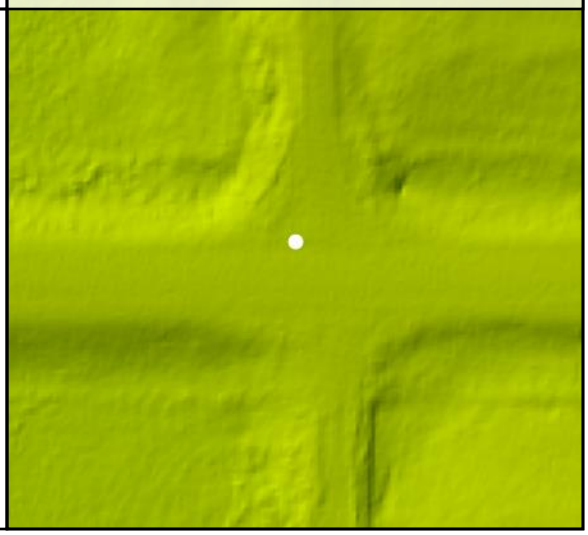


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

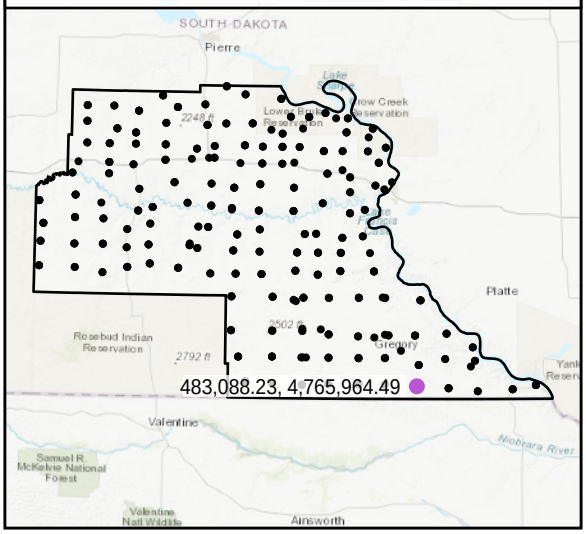
CAL - CAL004

Raw TIN Dz -0.01 m

CAL005

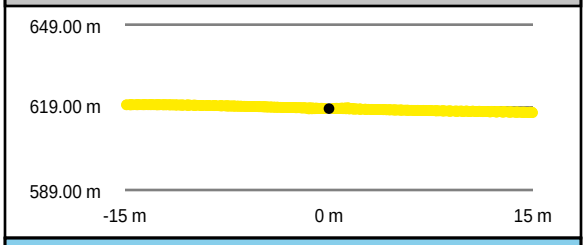
Known Z	618.54 m	Point Density	5.55 ppsm
DEM Dz	0.06 m	Ground Density	5.55 ppsm
Raw TIN Dz	0.07 m	Slope	7.21 °

Project Context

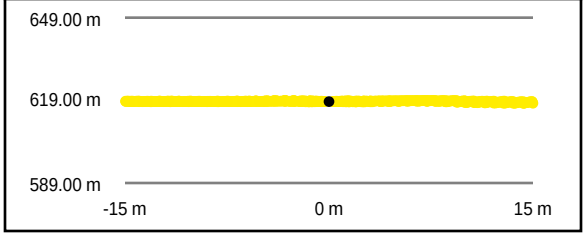


World Imagery

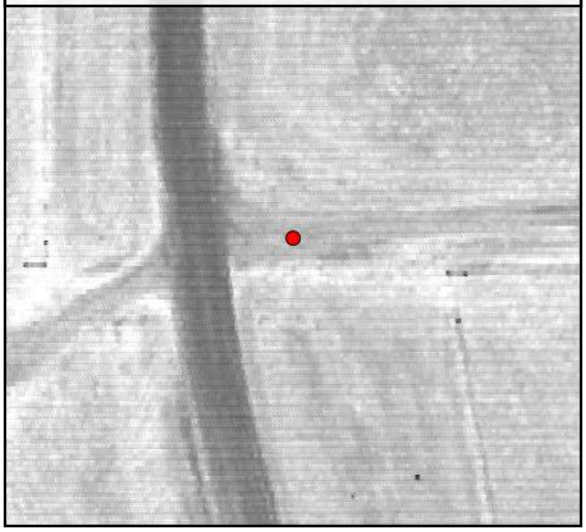
Southwest to Northeast



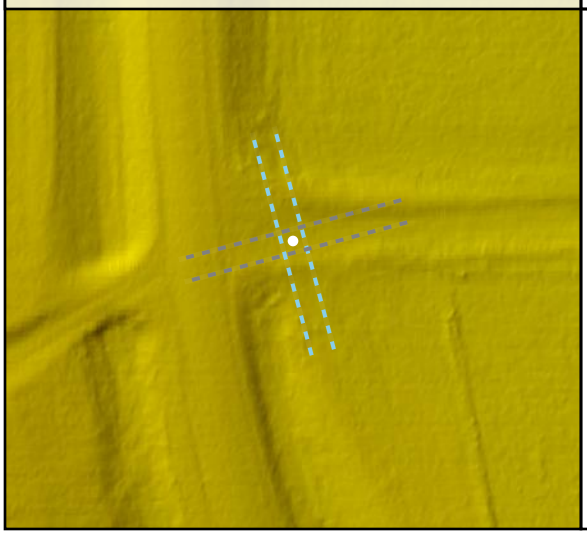
Southeast to Northwest



Intensity Raster

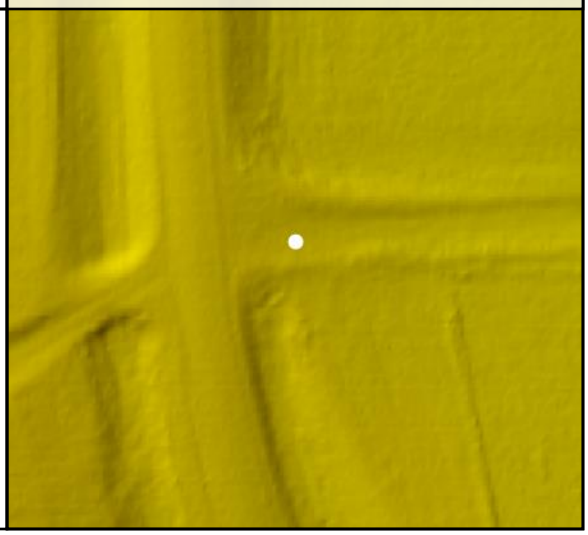


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

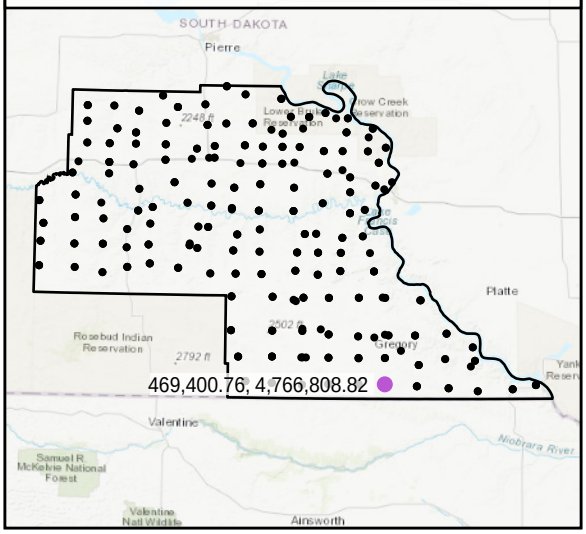
CAL - CAL005

Raw TIN Dz +0.07 m

CAL006

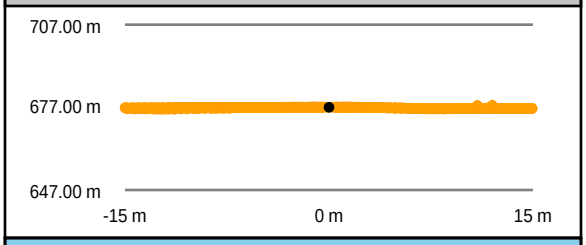
Known Z	677.02 m	Point Density	5.38 ppsm
DEM Dz	0.03 m	Ground Density	5.38 ppsm
Raw TIN Dz	0.03 m	Slope	0.56 °

Project Context

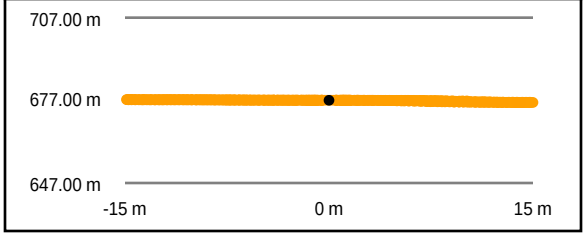


World Imagery

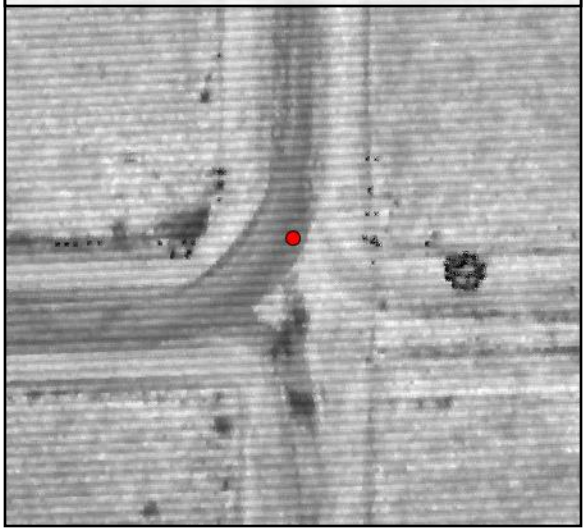
Southeast to Northwest



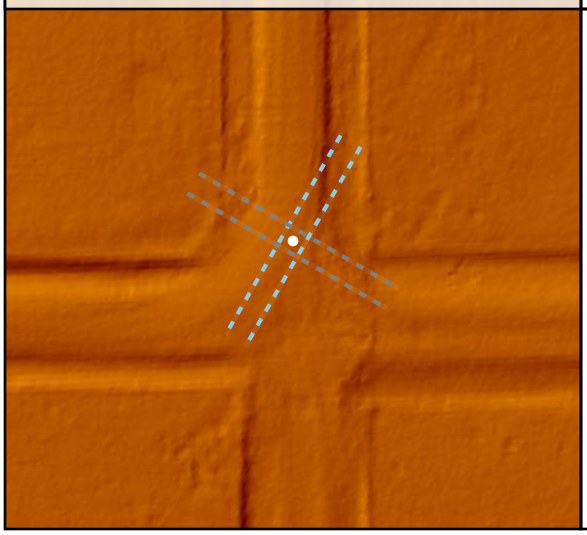
Southwest to Northeast



Intensity Raster

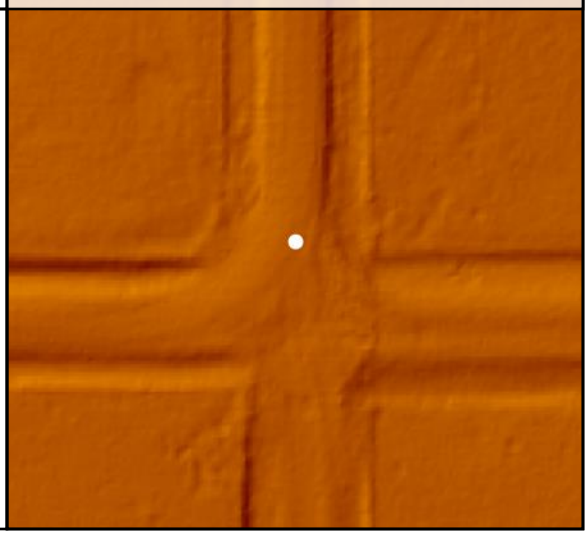


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

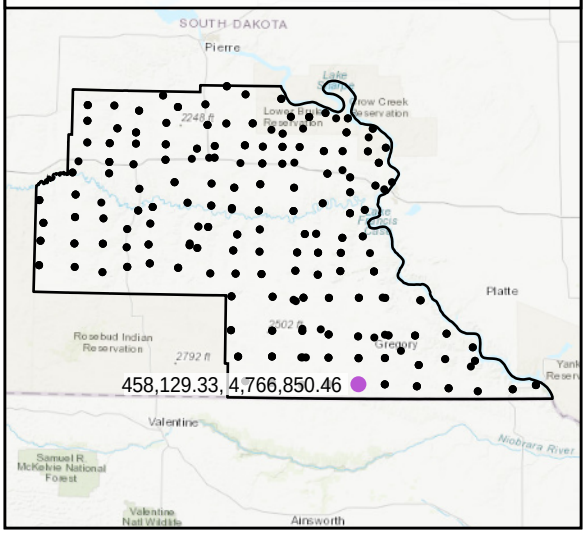
CAL - CAL006

Raw TIN Dz +0.03 m

CAL007

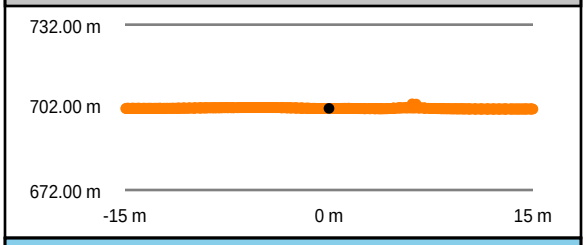
Known Z	701.61 m	Point Density	6.93 ppsm
DEM Dz	-0.01 m	Ground Density	6.93 ppsm
Raw TIN Dz	-0.01 m	Slope	2.41 °

Project Context

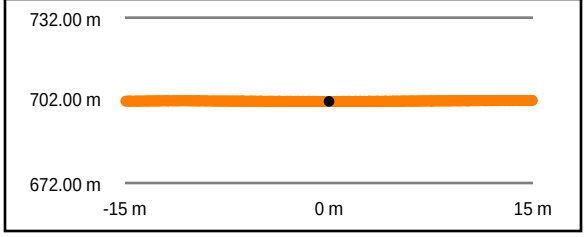


World Imagery

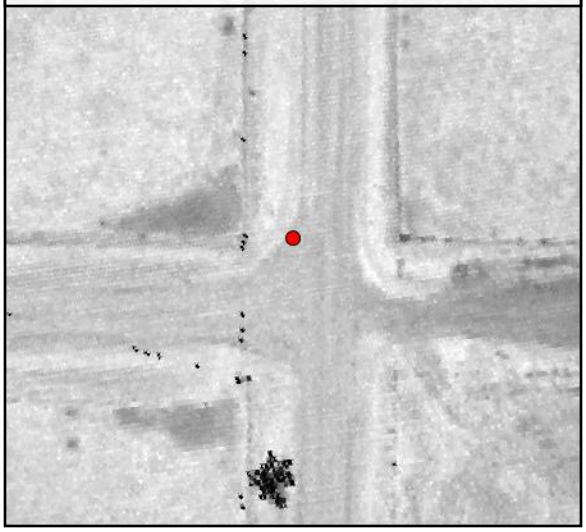
Southeast to Northwest



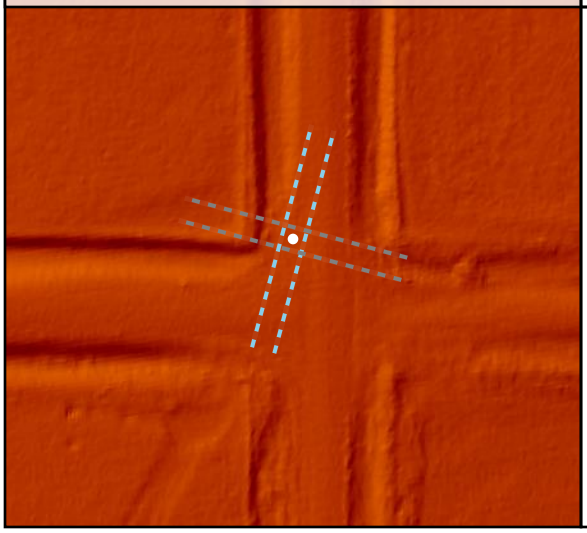
Southwest to Northeast



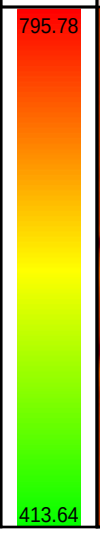
Intensity Raster



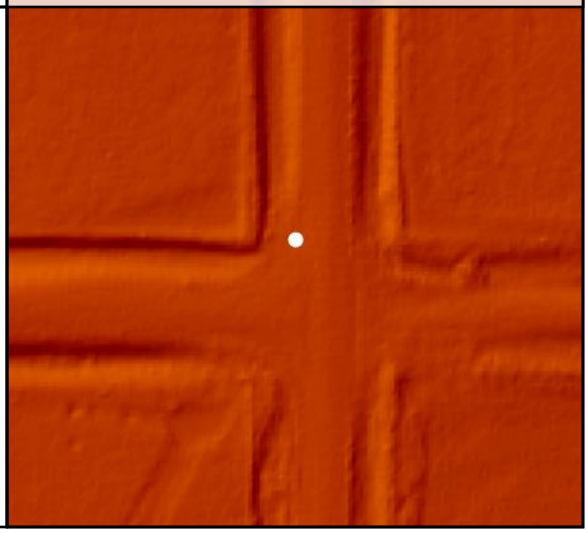
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.01 m

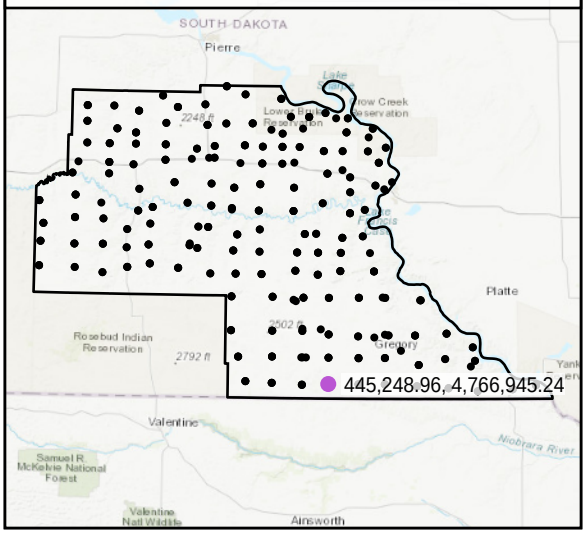
CAL - CAL007

Raw TIN Dz -0.01 m

CAL008

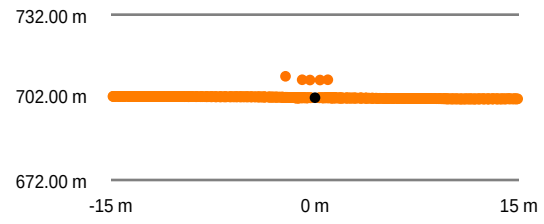
Known Z	701.86 m	Point Density	6.08 ppsm
DEM Dz	-0.03 m	Ground Density	5.98 ppsm
Raw TIN Dz	-0.02 m	Slope	4.32 °

Project Context

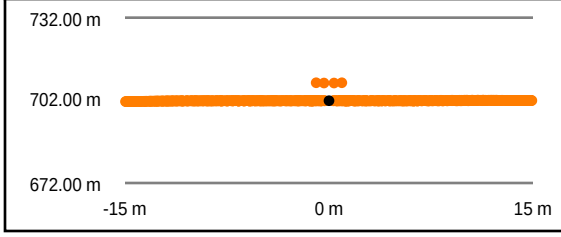


World Imagery

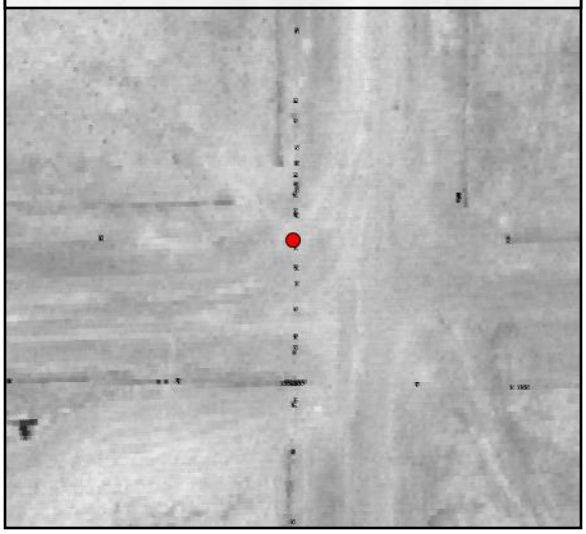
Southeast to Northwest



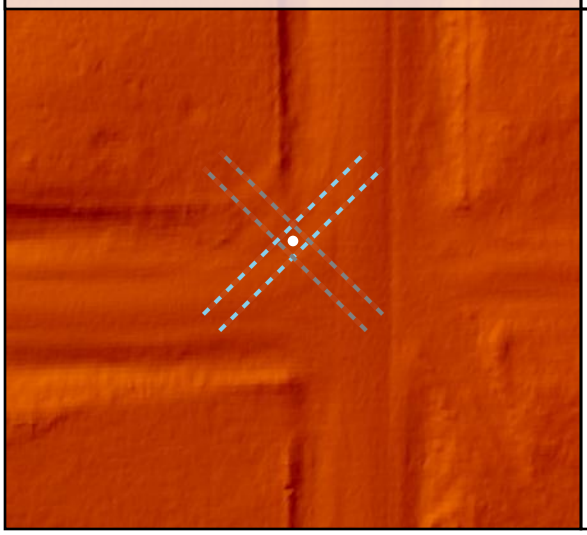
Southwest to Northeast



Intensity Raster

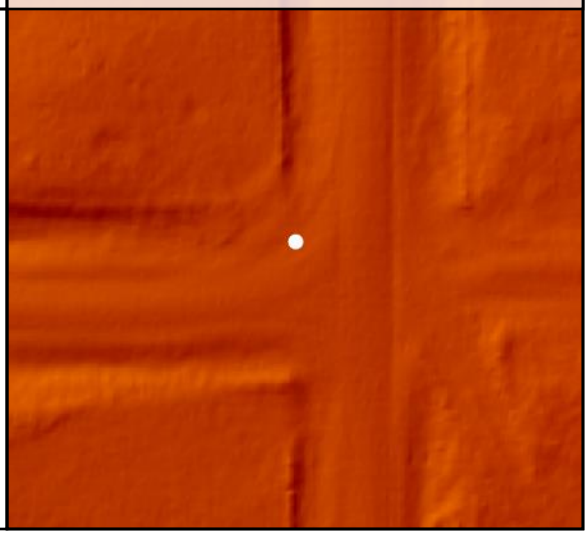


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

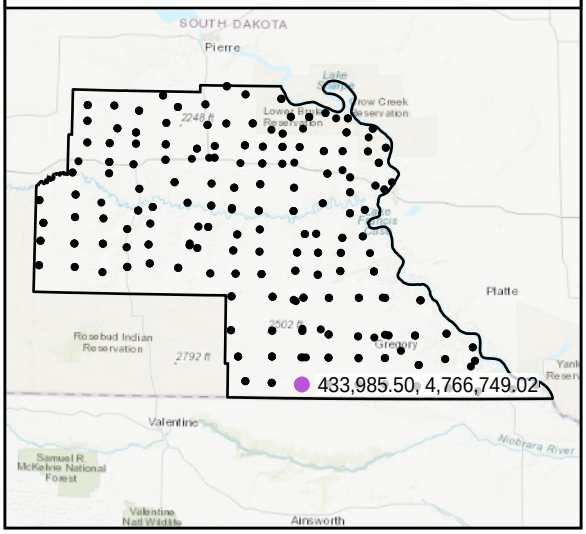
CAL - CAL008

Raw TIN Dz -0.02 m

CAL009

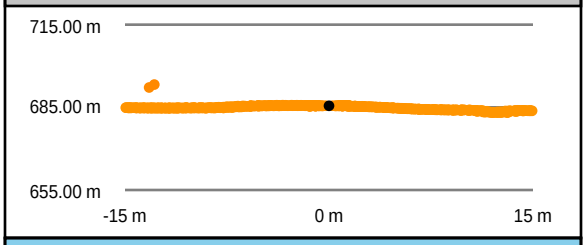
Known Z	685.55 m	Point Density	4.56 ppsm
DEM Dz	0.01 m	Ground Density	4.56 ppsm
Raw TIN Dz	0.01 m	Slope	4.91 °

Project Context

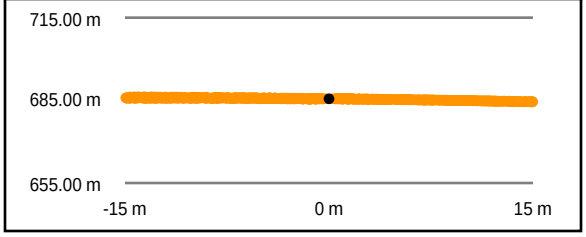


World Imagery

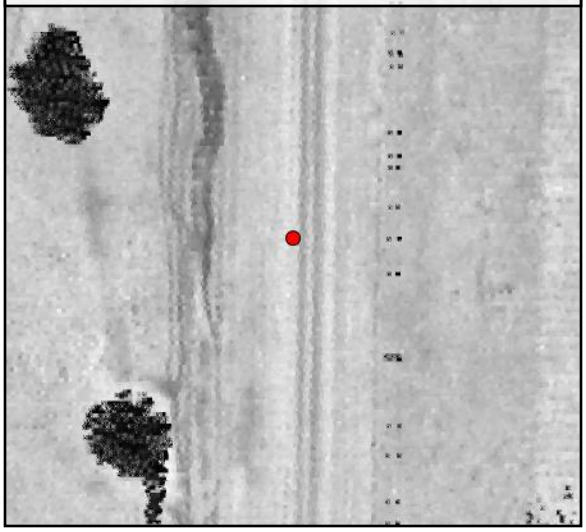
Southeast to Northwest



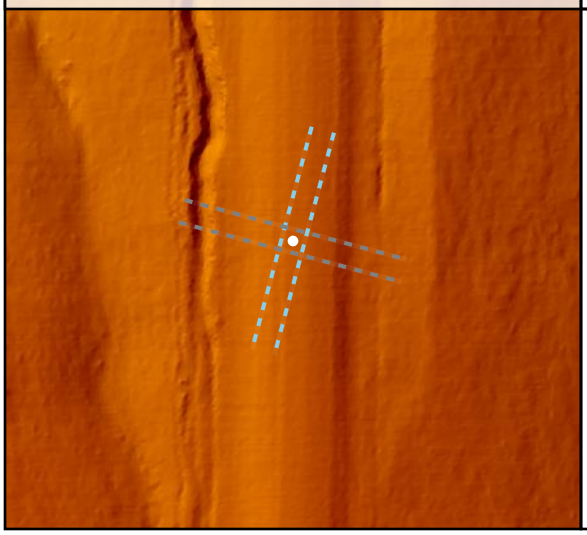
Southwest to Northeast



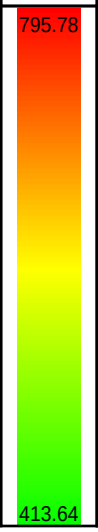
Intensity Raster



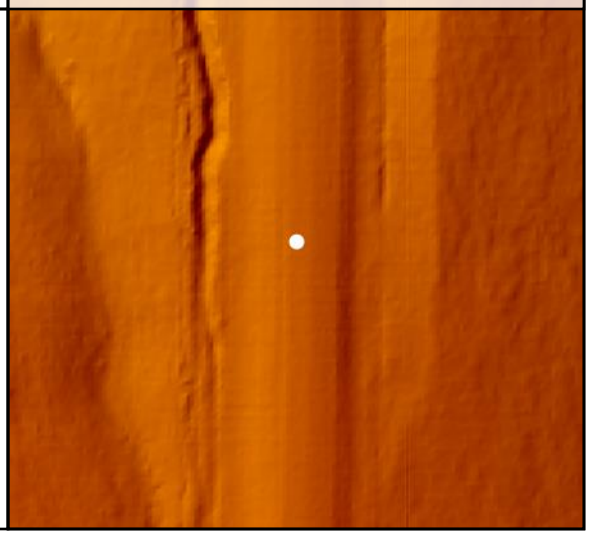
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.01 m

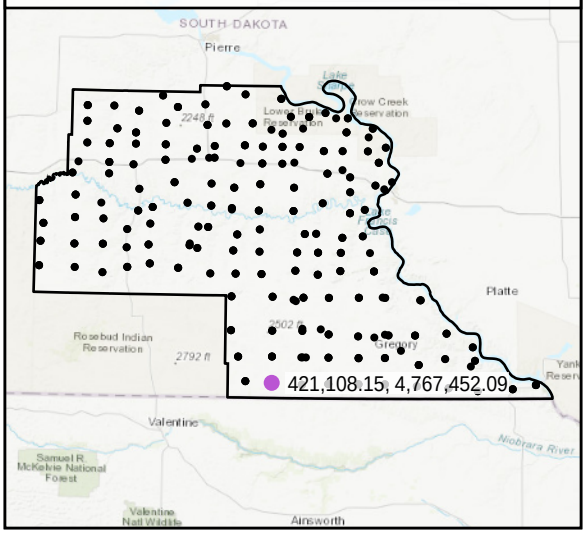
CAL - CAL009

Raw TIN Dz +0.01 m

CAL010

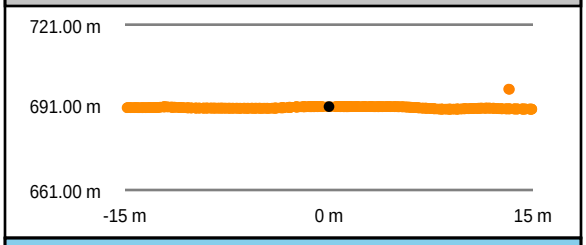
Known Z	691.26 m	Point Density	4.74 ppsm
DEM Dz	-0.02 m	Ground Density	4.74 ppsm
Raw TIN Dz	-0.03 m	Slope	1.19 °

Project Context

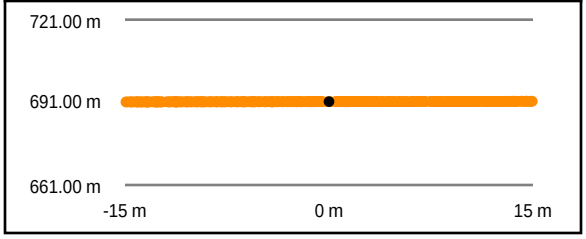


World Imagery

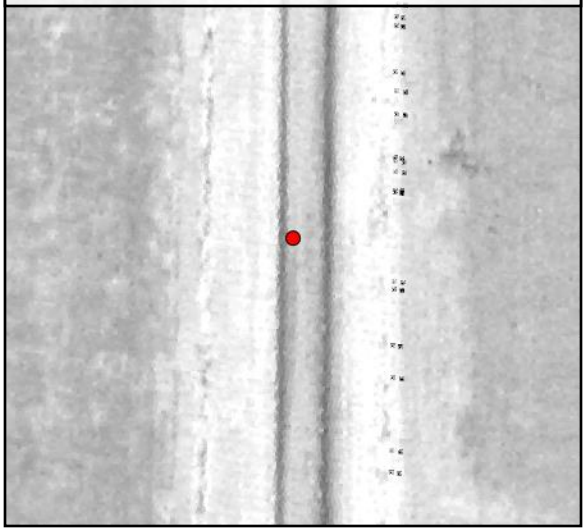
West to East



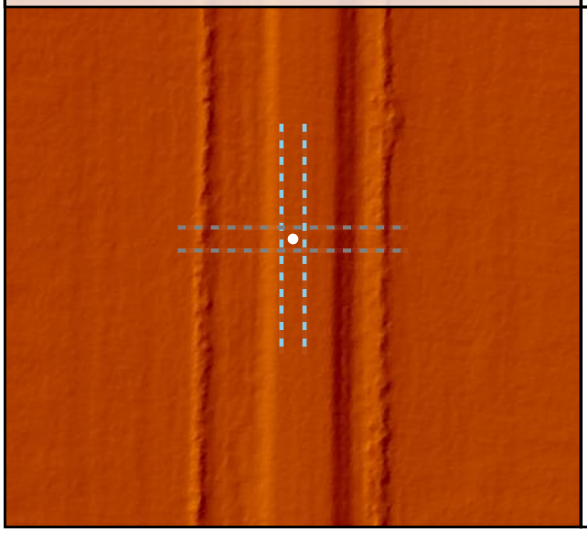
South to North



Intensity Raster

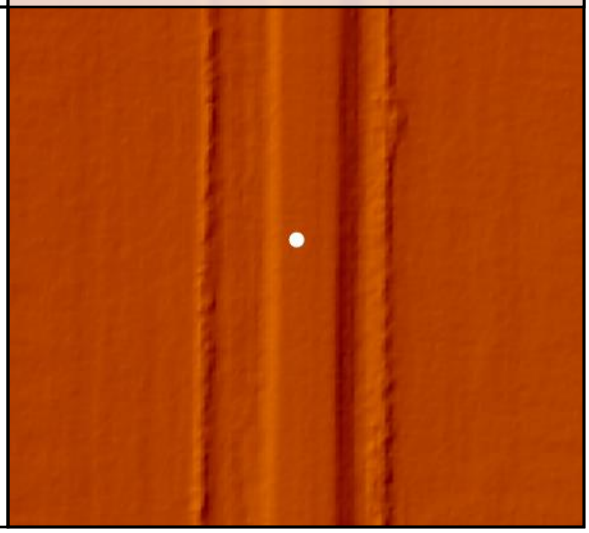


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

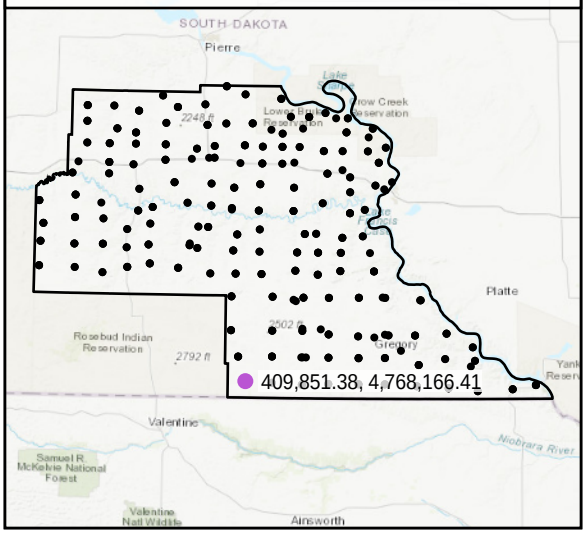
CAL - CAL010

Raw TIN Dz -0.03 m

CAL011

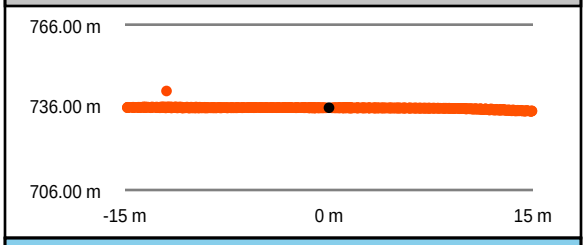
Known Z	735.86 m	Point Density	4.95 ppsm
DEM Dz	-0.03 m	Ground Density	4.95 ppsm
Raw TIN Dz	-0.03 m	Slope	0.83 °

Project Context

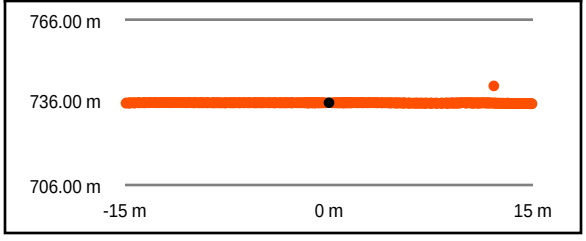


World Imagery

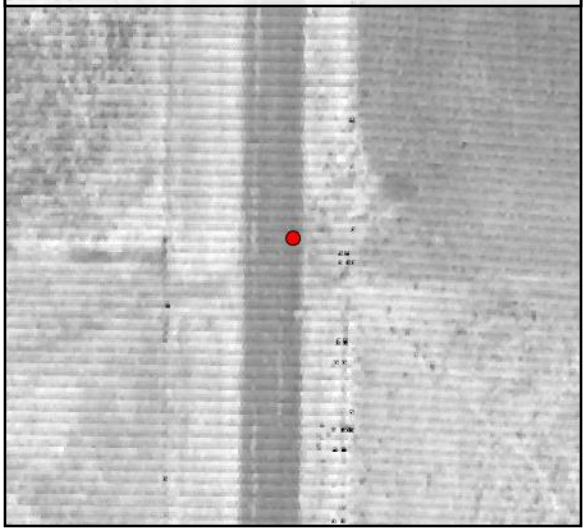
Southeast to Northwest



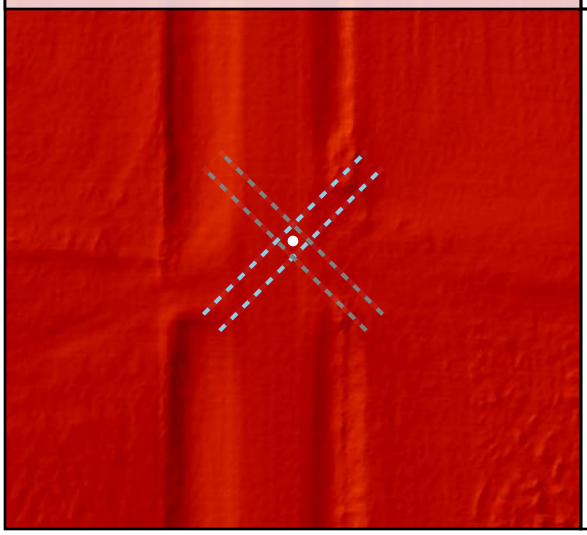
Southwest to Northeast



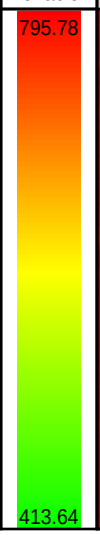
Intensity Raster



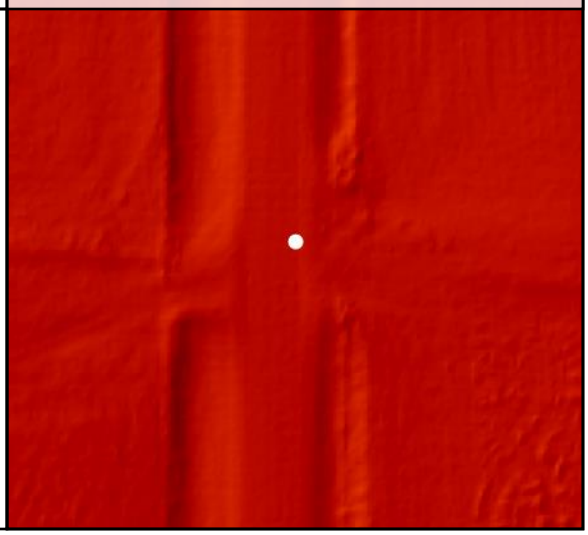
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.03 m

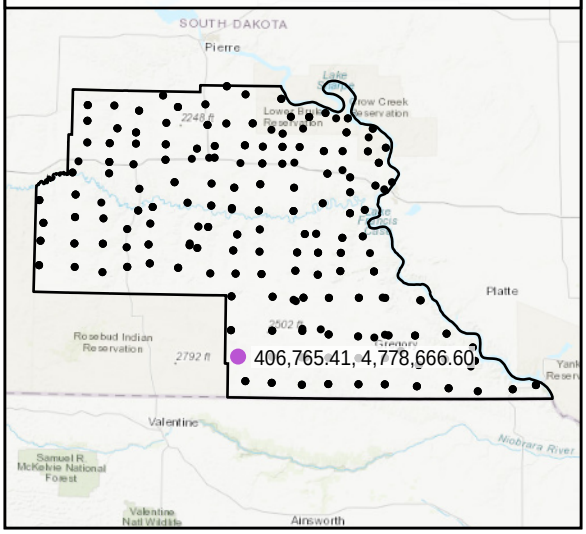
CAL - CAL011

Raw TIN Dz -0.03 m

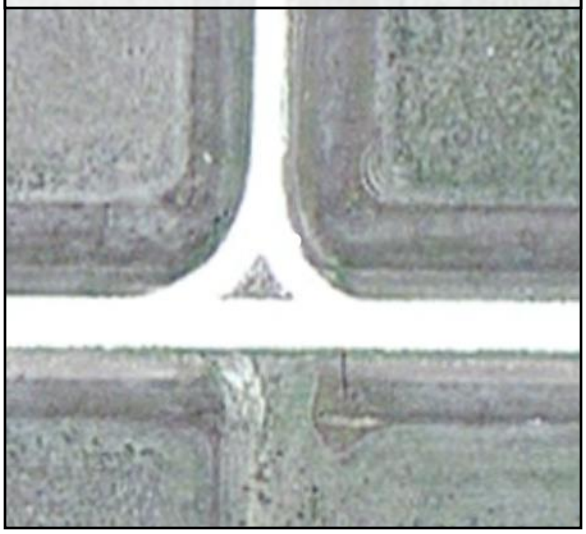
CAL012

Known Z	711.54 m	Point Density	5.45 ppsm
DEM Dz	-0.03 m	Ground Density	5.45 ppsm
Raw TIN Dz	-0.03 m	Slope	0.55 °

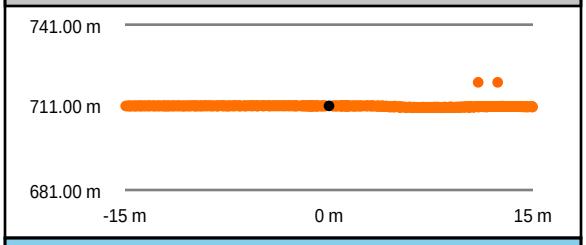
Project Context



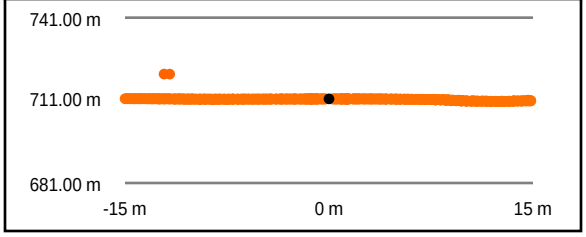
World Imagery



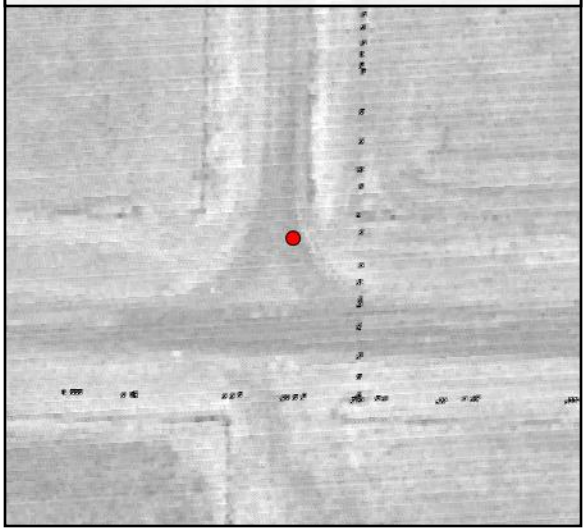
Southwest to Northeast



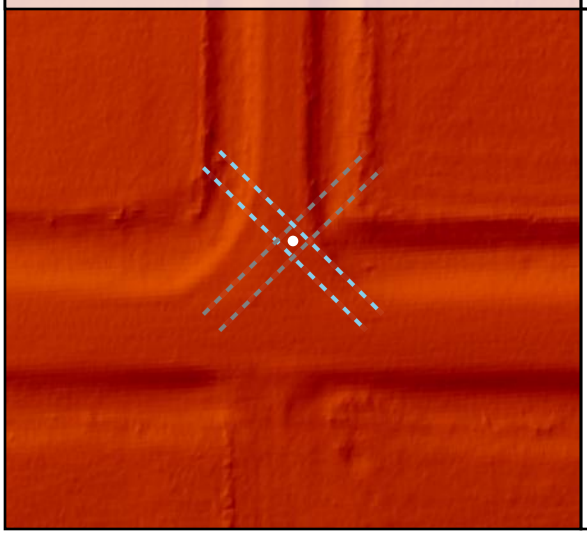
Southeast to Northwest



Intensity Raster

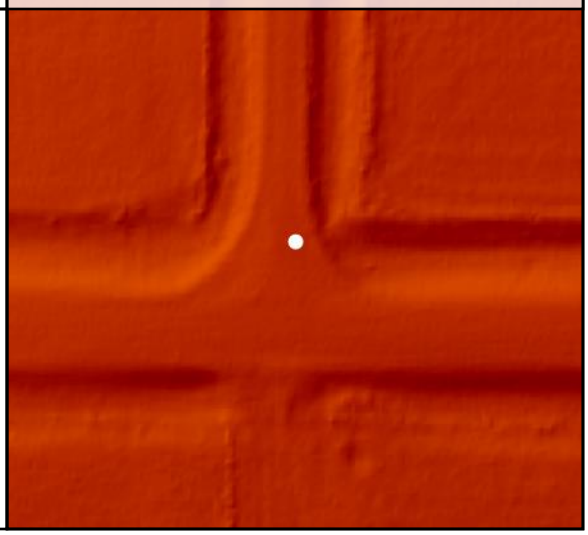


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

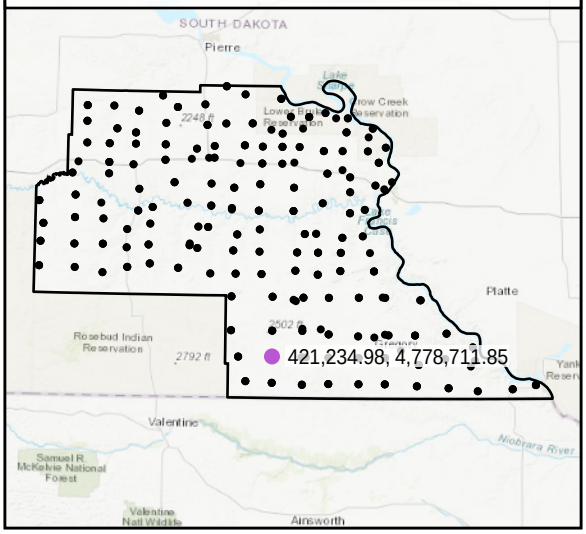
CAL - CAL012

Raw TIN Dz -0.03 m

CAL013

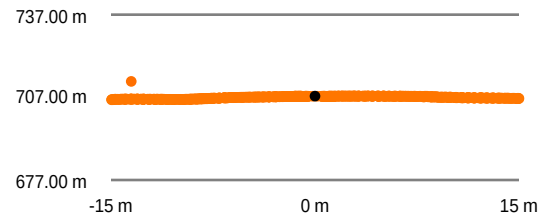
Known Z	707.44 m	Point Density	5.45 ppsm
DEM Dz	-0.06 m	Ground Density	5.45 ppsm
Raw TIN Dz	-0.06 m	Slope	3.60 °

Project Context

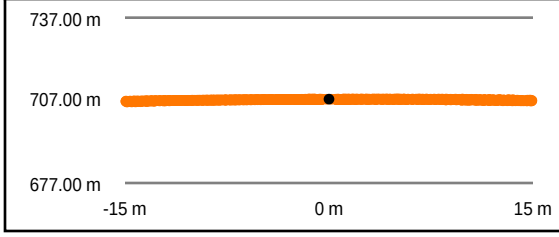


World Imagery

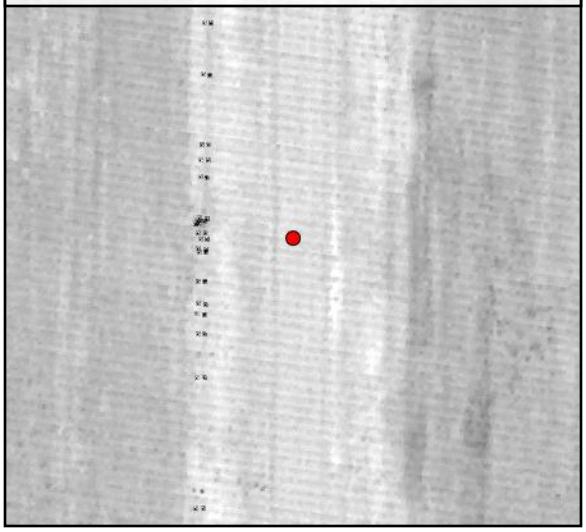
Southwest to Northeast



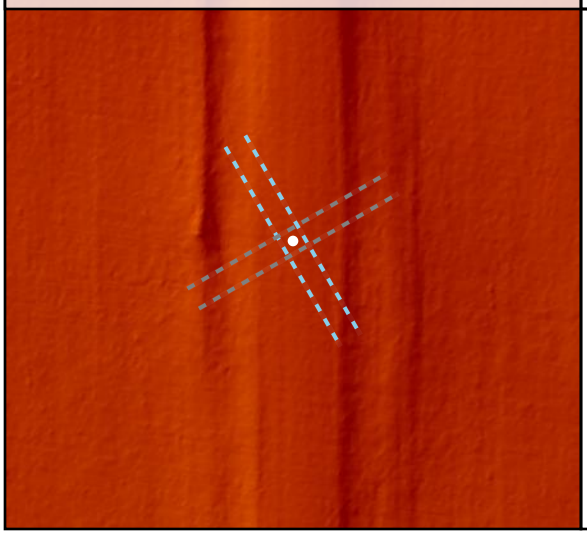
Southeast to Northwest



Intensity Raster

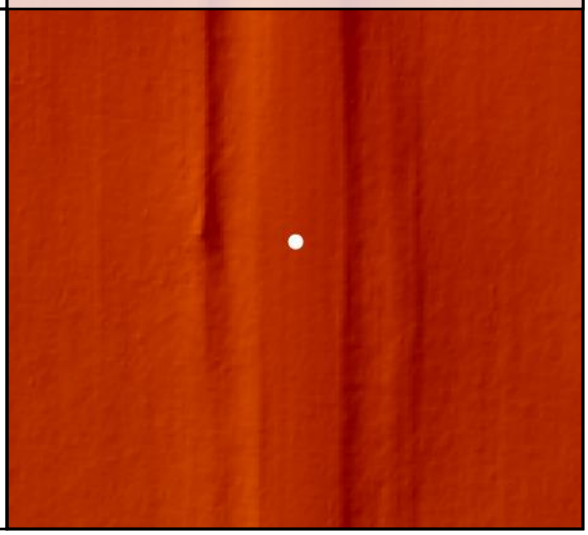


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

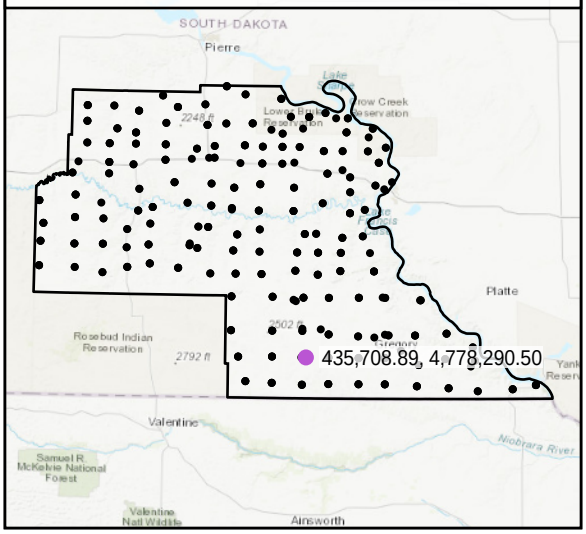
CAL - CAL013

Raw TIN Dz -0.06 m

CAL014

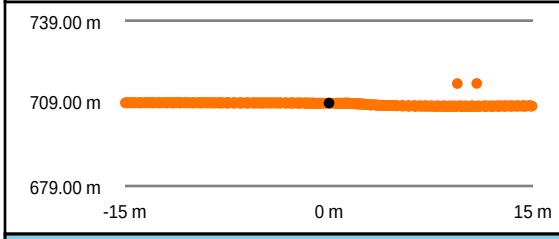
Known Z	709.10 m	Point Density	5.41 ppsm
DEM Dz	-0.07 m	Ground Density	5.41 ppsm
Raw TIN Dz	-0.05 m	Slope	2.53 °

Project Context

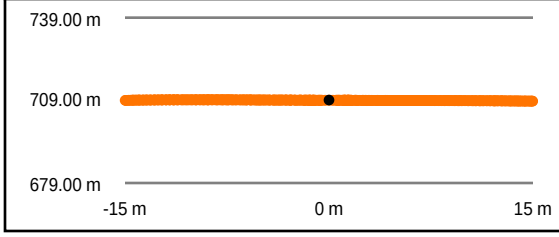


World Imagery

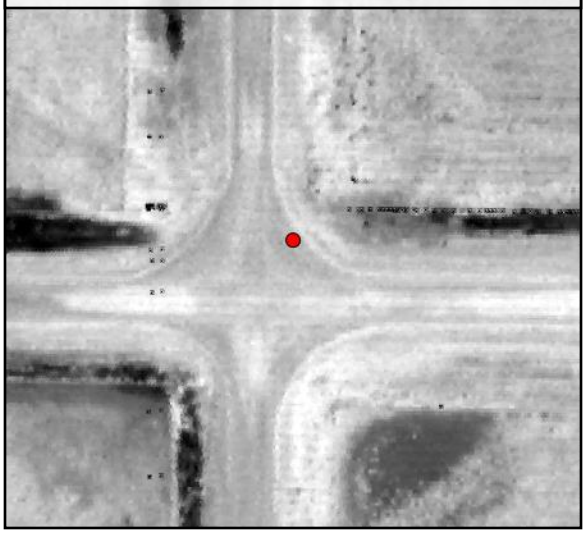
Southwest to Northeast



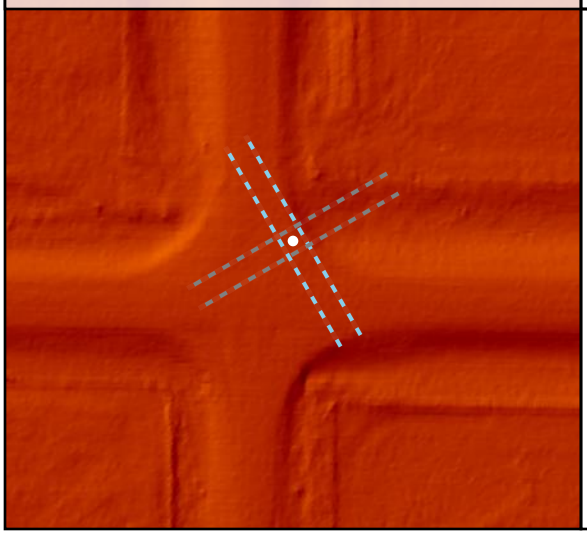
Southeast to Northwest



Intensity Raster

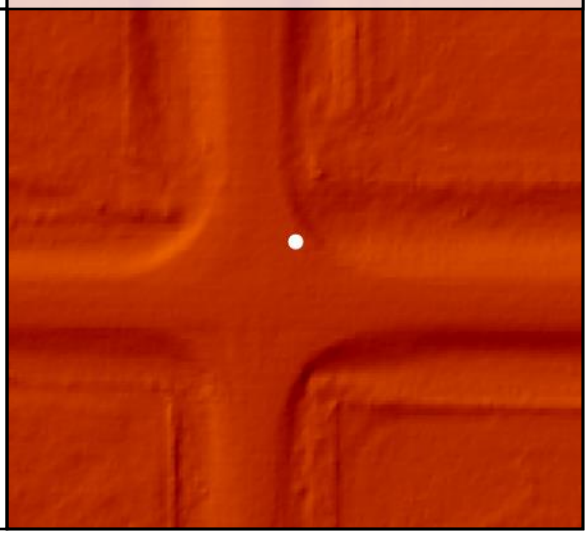


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.07 m

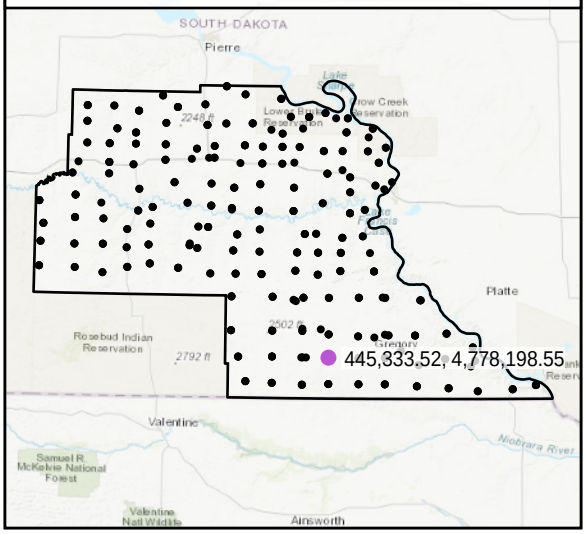
CAL - CAL014

Raw TIN Dz -0.05 m

CAL015

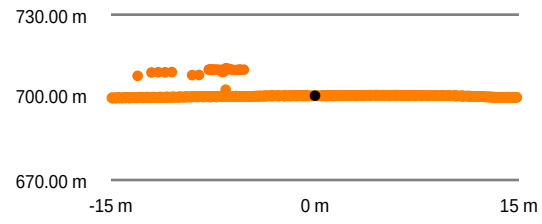
Known Z	700.60 m	Point Density	5.55 ppsm
DEM Dz	-0.04 m	Ground Density	5.55 ppsm
Raw TIN Dz	-0.04 m	Slope	1.34 °

Project Context

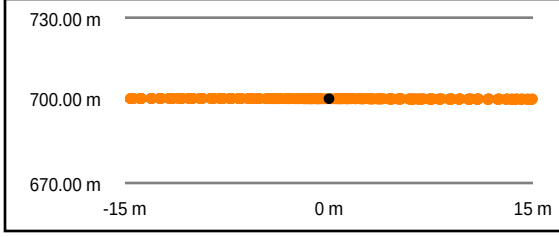


World Imagery

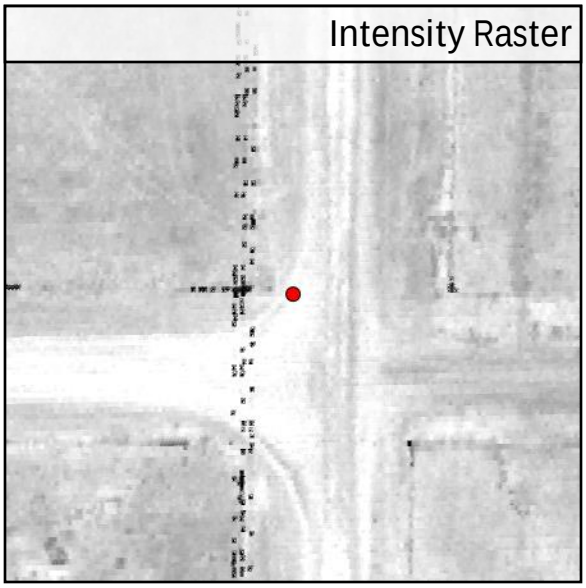
West to East



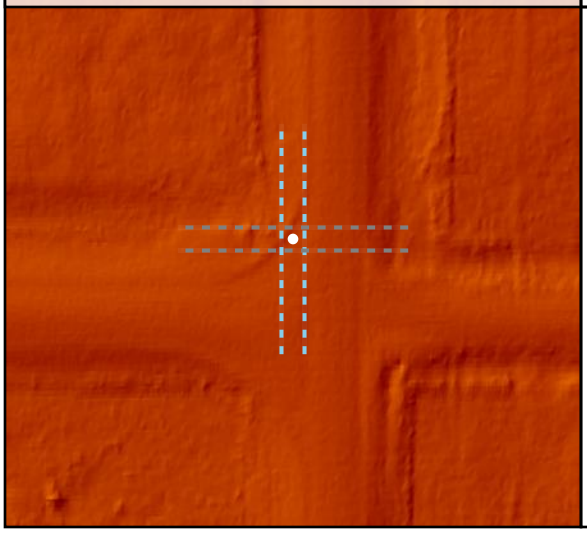
South to North



Intensity Raster

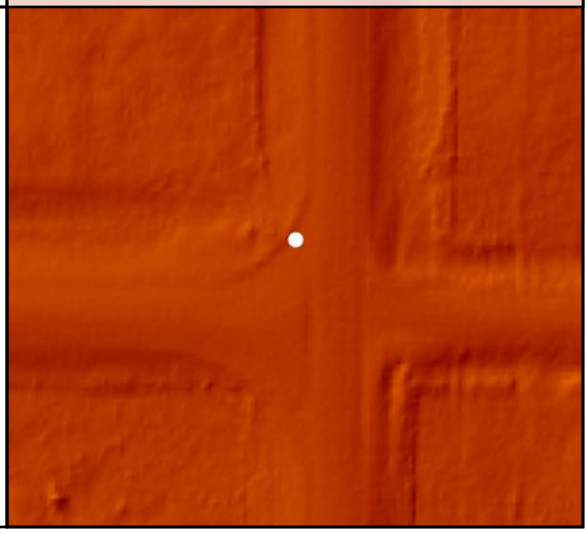


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

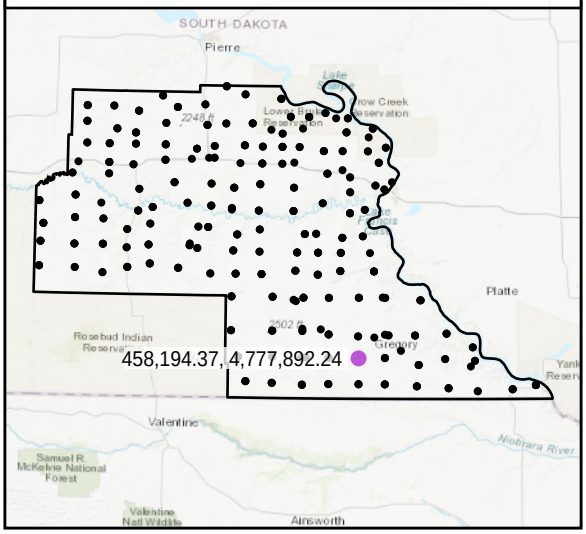
CAL - CAL015

Raw TIN Dz -0.04 m

CAL016

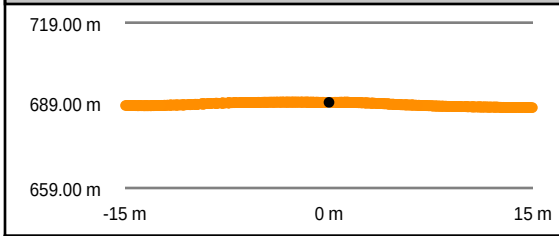
Known Z	690.08 m	Point Density	6.37 ppsm
DEM Dz	0.02 m	Ground Density	6.37 ppsm
Raw TIN Dz	0.02 m	Slope	3.19 °

Project Context

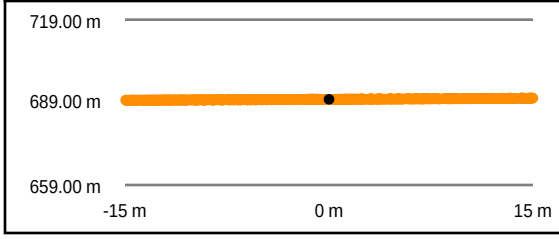


World Imagery

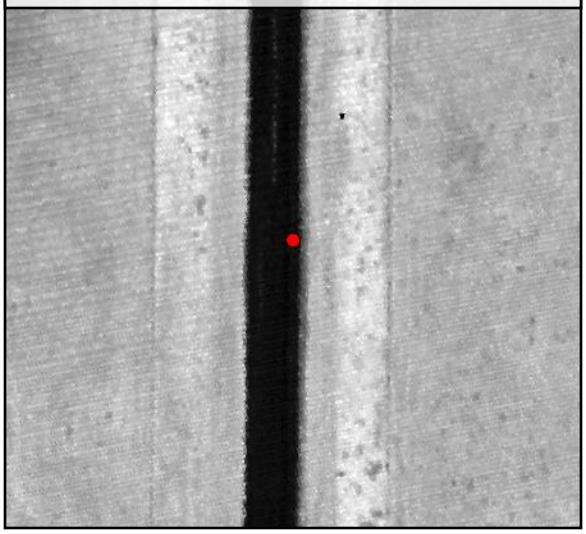
West to East



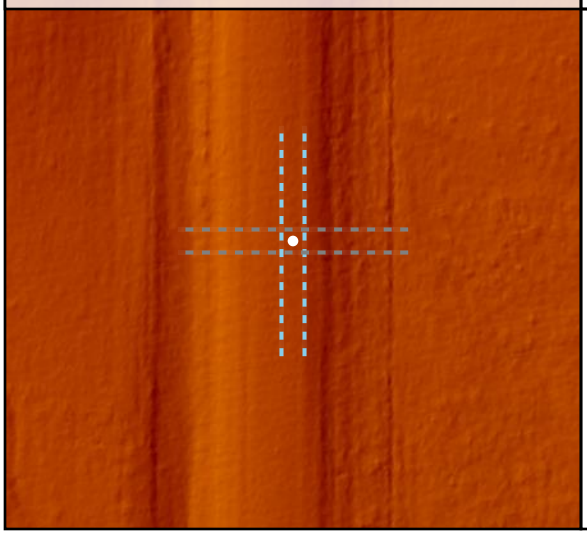
South to North



Intensity Raster

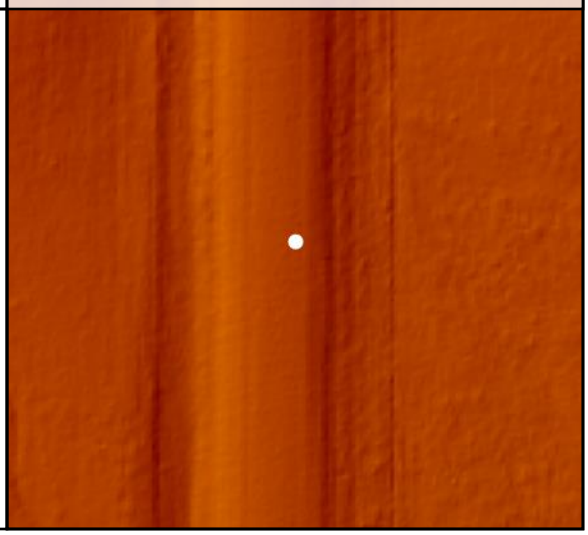


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

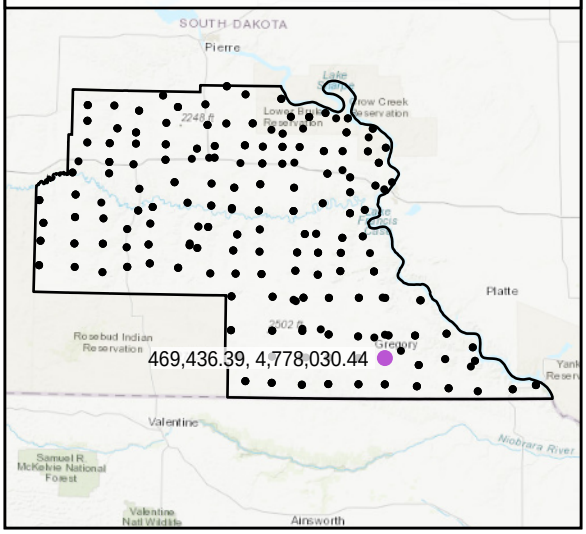
CAL - CAL016

Raw TIN Dz +0.02 m

CAL017

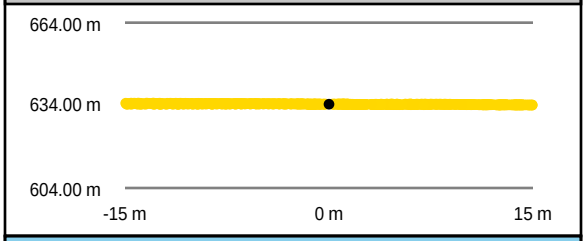
Known Z	634.41 m	Point Density	5.27 ppsm
DEM Dz	0.02 m	Ground Density	5.27 ppsm
Raw TIN Dz	0.02 m	Slope	2.49 °

Project Context

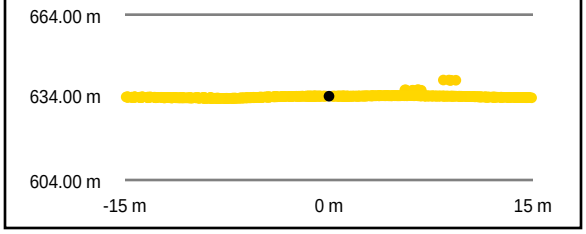


World Imagery

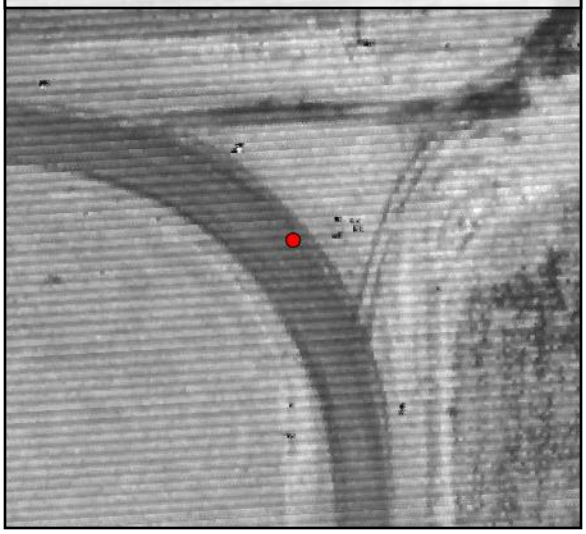
Southeast to Northwest



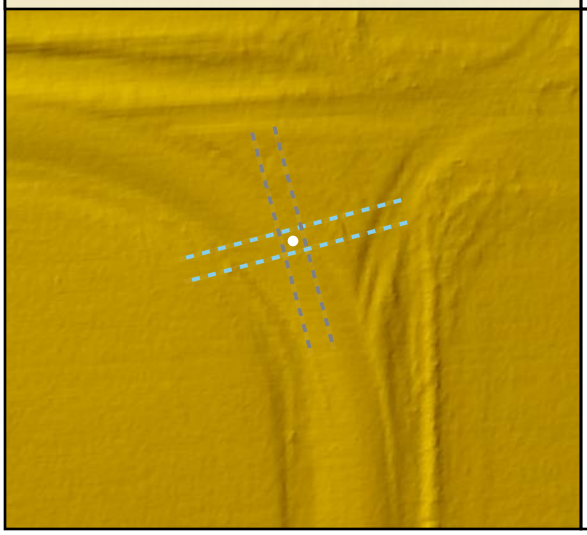
Southwest to Northeast



Intensity Raster

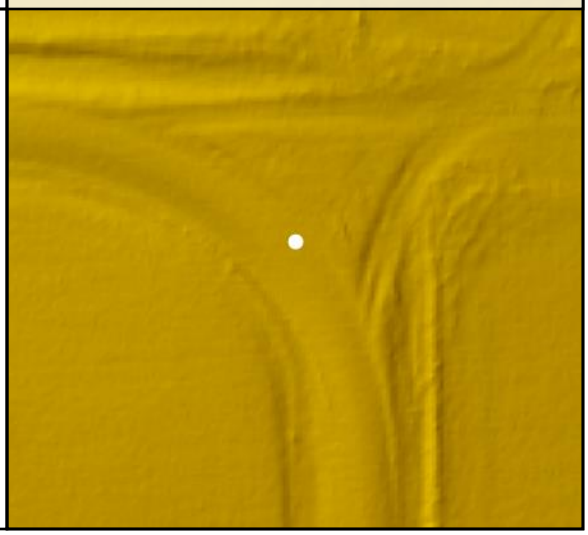


TIN Surface



Project Elevation

DEM Surface



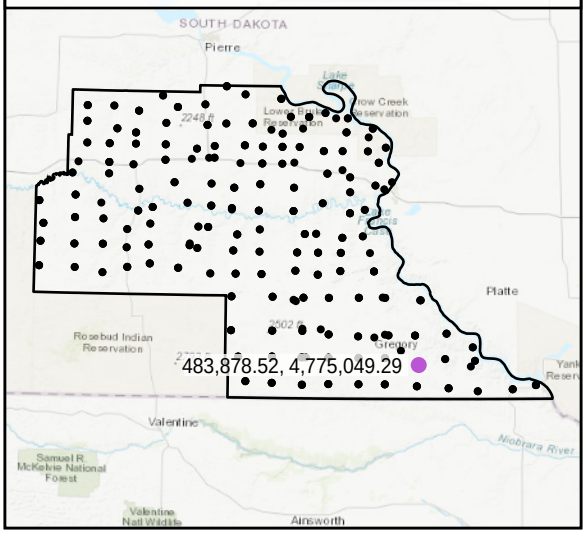
DEM Dz +0.02 m

CAL - CAL017

Raw TIN Dz +0.02 m

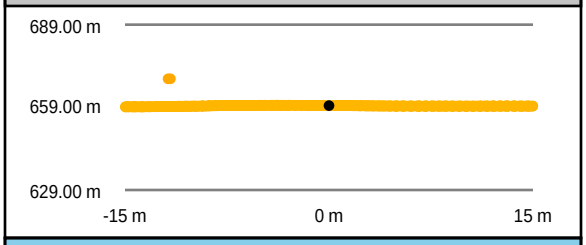
CAL018				
	Known Z	659.63 m	Point Density	5.45 ppsm
	DEM Dz	0.03 m	Ground Density	5.45 ppsm
	Raw TIN Dz	0.03 m	Slope	2.96 °

Project Context

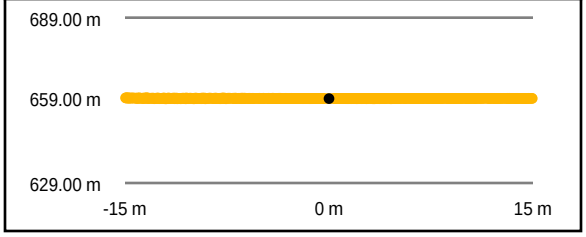


World Imagery

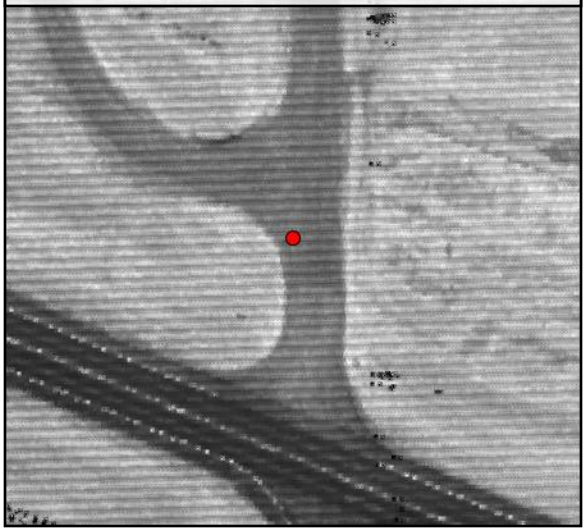
Southeast to Northwest



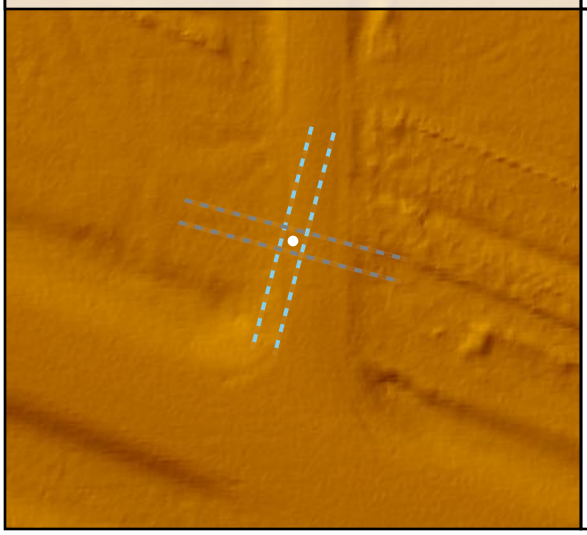
Southwest to Northeast



Intensity Raster

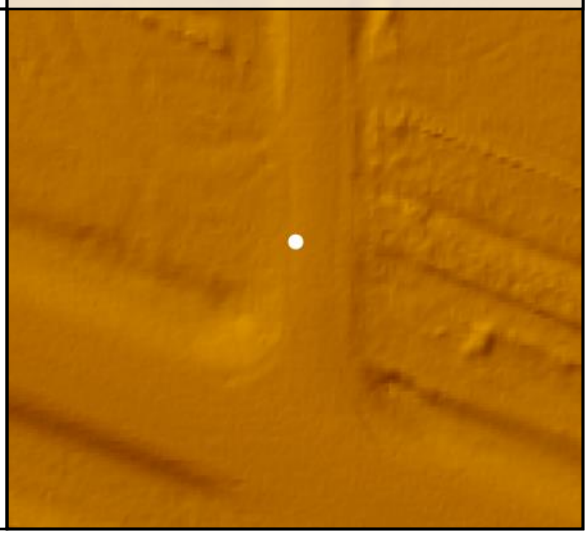


TIN Surface



Project Elevation

DEM Surface



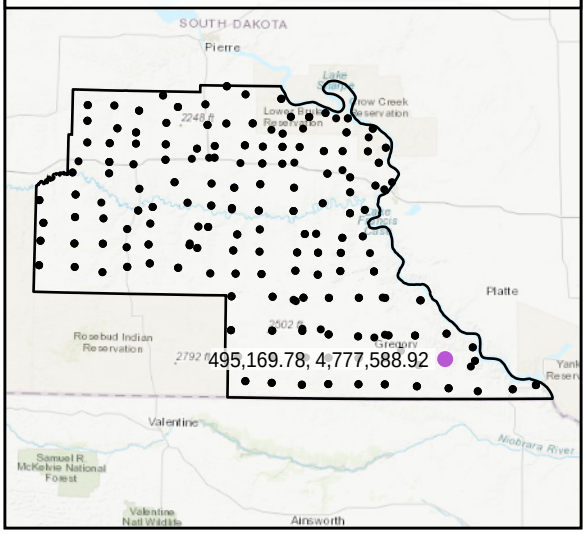
DEM Dz +0.03 m

CAL - CAL018

Raw TIN Dz +0.03 m

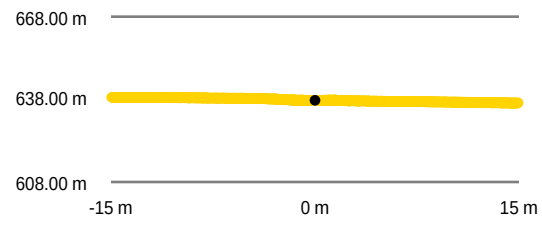
CAL019				
	Known Z	637.64 m	Point Density	6.37 ppsm
	DEM Dz	-0.01 m	Ground Density	6.37 ppsm
	Raw TIN Dz	-0.01 m	Slope	4.19 °

Project Context

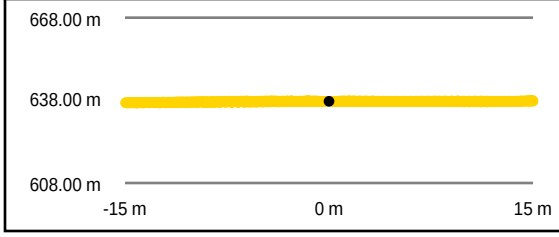


World Imagery

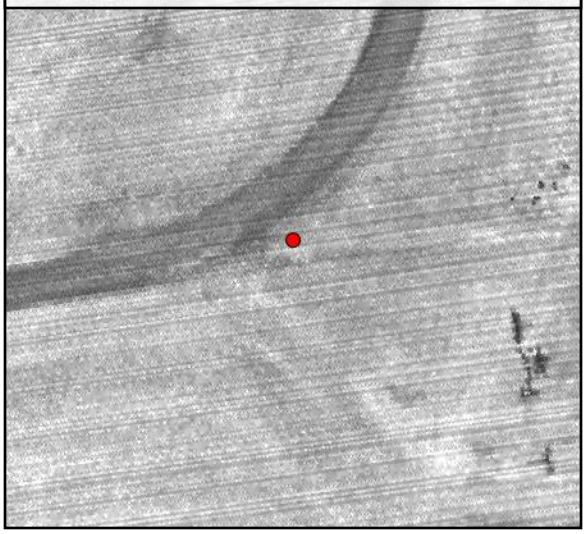
Southwest to Northeast



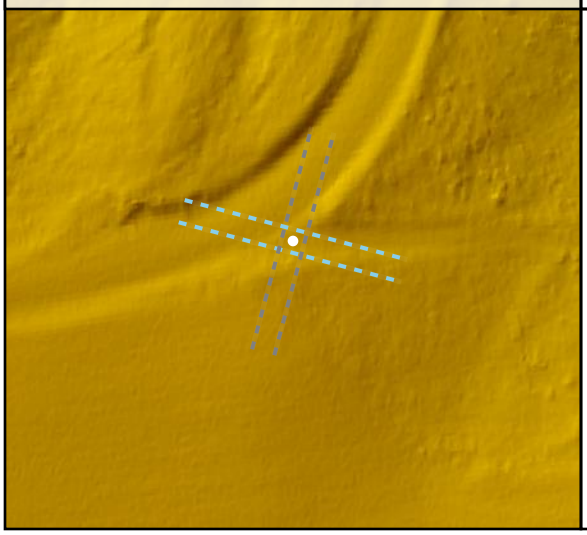
Southeast to Northwest



Intensity Raster

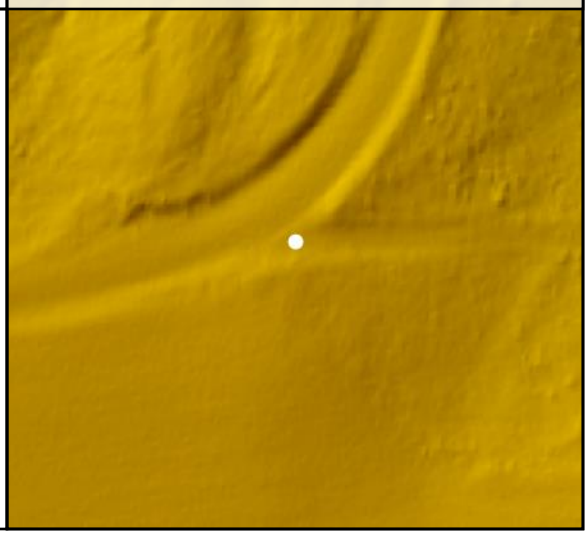


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

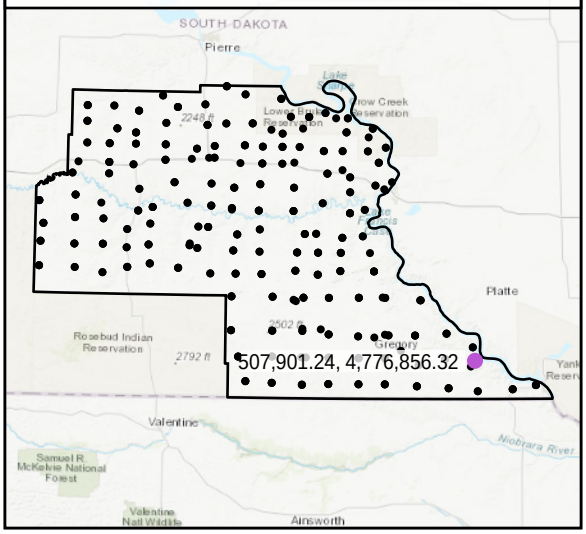
CAL - CAL019

Raw TIN Dz -0.01 m

CAL020

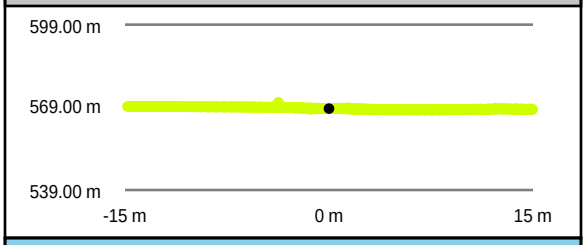
Known Z	568.54 m	Point Density	6.65 ppsm
DEM Dz	0.04 m	Ground Density	6.65 ppsm
Raw TIN Dz	0.04 m	Slope	7.11 °

Project Context

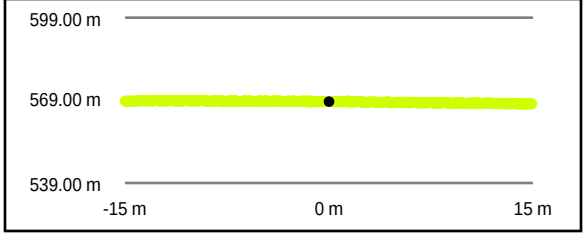


World Imagery

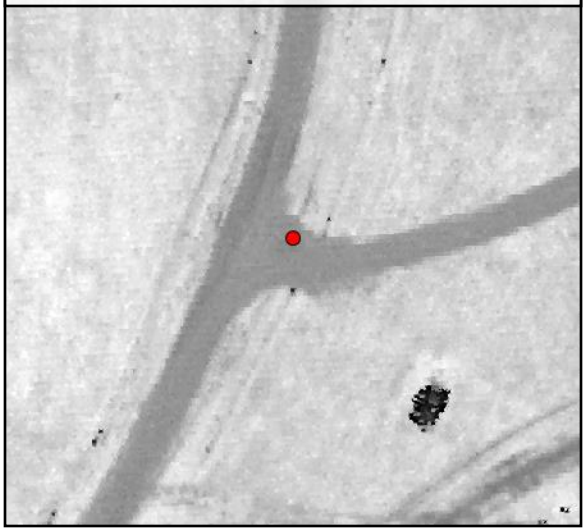
Southeast to Northwest



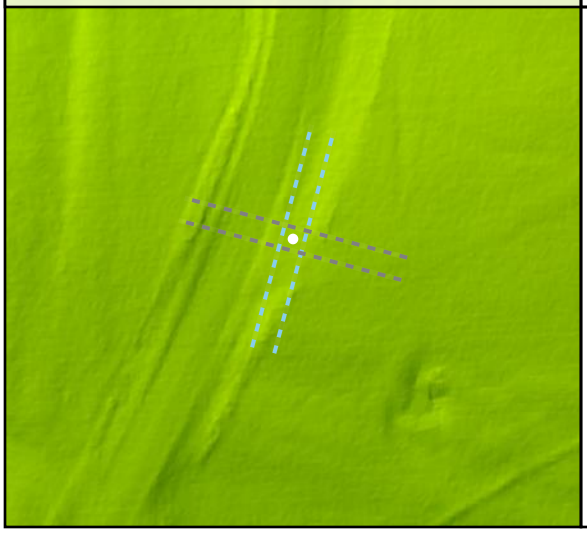
Southwest to Northeast



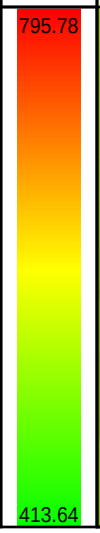
Intensity Raster



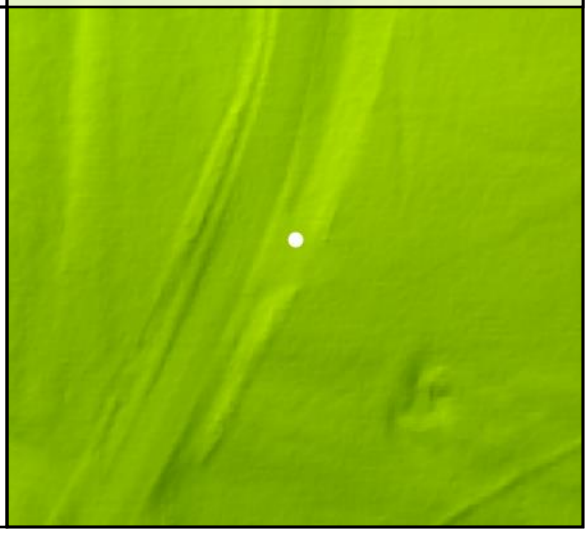
TIN Surface



Project Elevation



DEM Surface



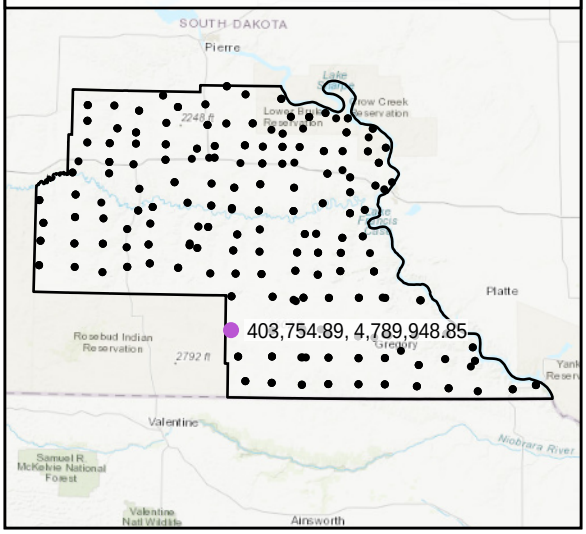
DEM Dz +0.04 m

CAL - CAL020

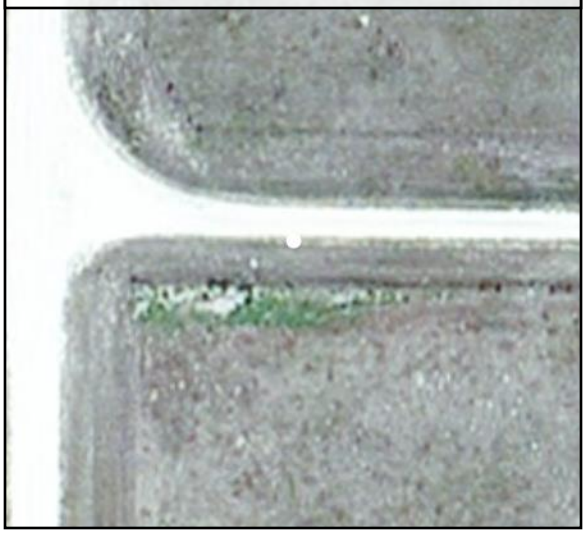
Raw TIN Dz +0.04 m

CAL021				
	Known Z	763.21 m	Point Density	6.37 ppsm
	DEM Dz	-0.01 m	Ground Density	6.37 ppsm
	Raw TIN Dz	-0.01 m	Slope	2.52 °

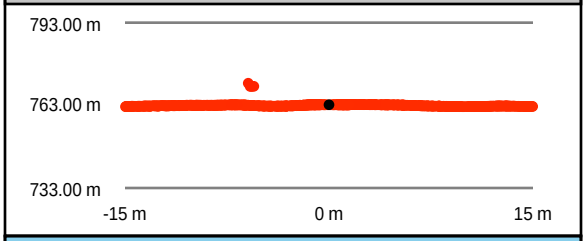
Project Context



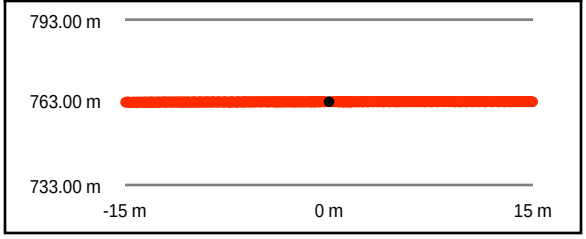
World Imagery



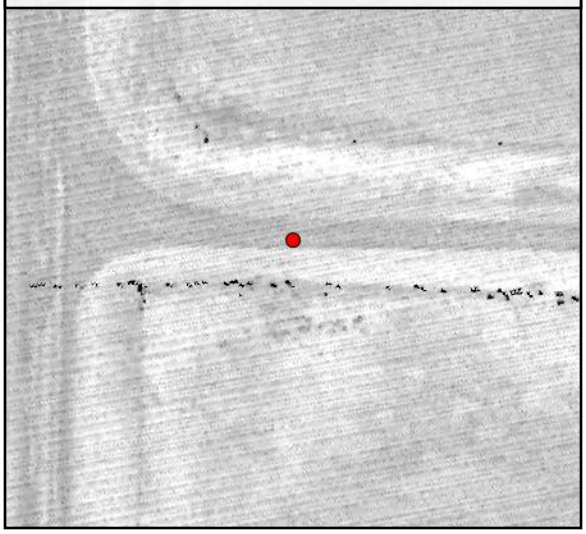
South to North



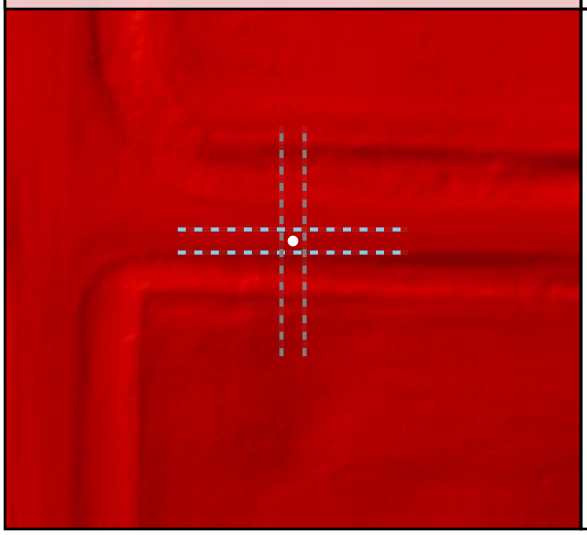
West to East



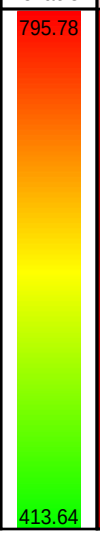
Intensity Raster



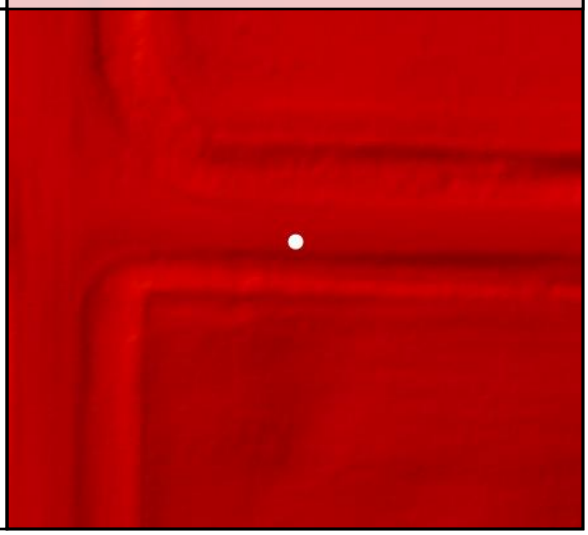
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.01 m

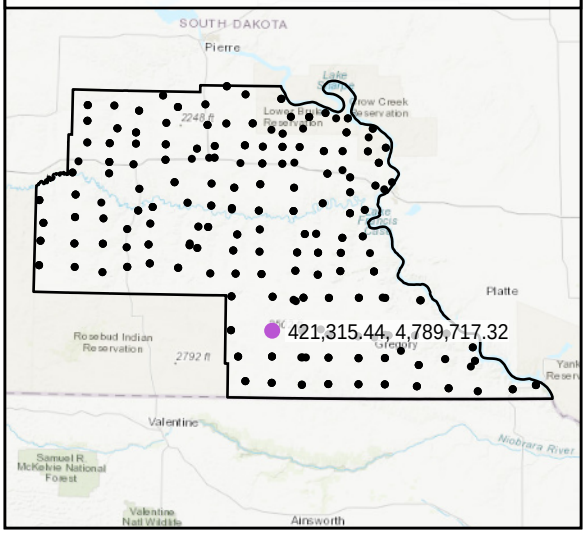
CAL - CAL021

Raw TIN Dz -0.01 m

CAL022

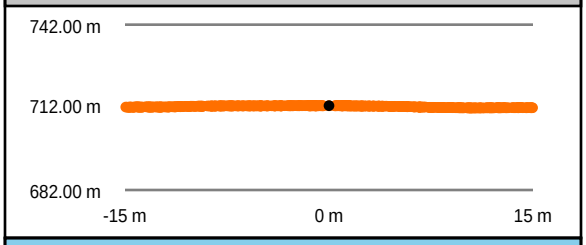
Known Z	712.60 m	Point Density	5.13 ppsm
DEM Dz	-0.03 m	Ground Density	5.13 ppsm
Raw TIN Dz	-0.03 m	Slope	1.80 °

Project Context

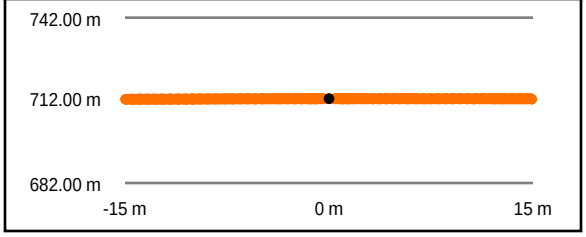


World Imagery

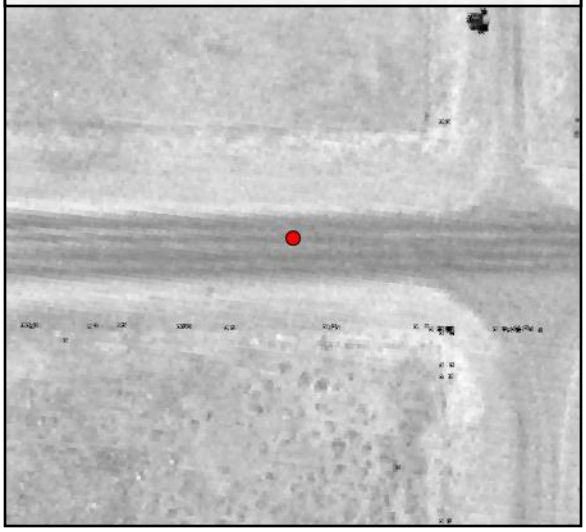
Southwest to Northeast



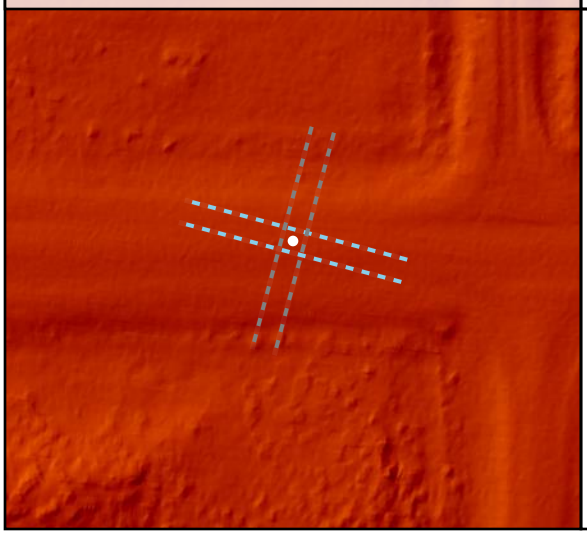
Southeast to Northwest



Intensity Raster

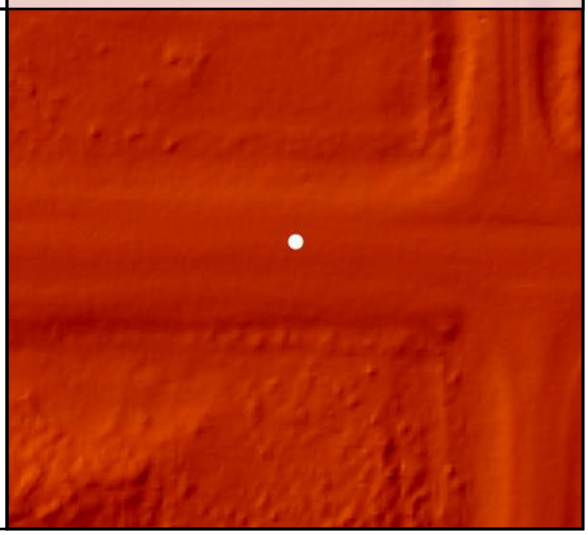


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

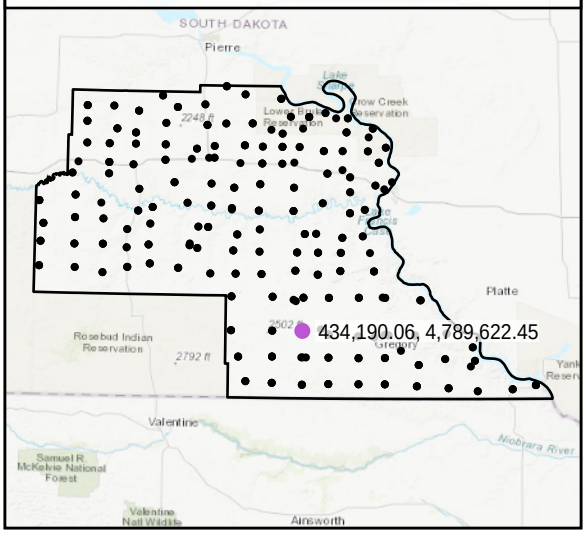
CAL - CAL022

Raw TIN Dz -0.03 m

CAL023

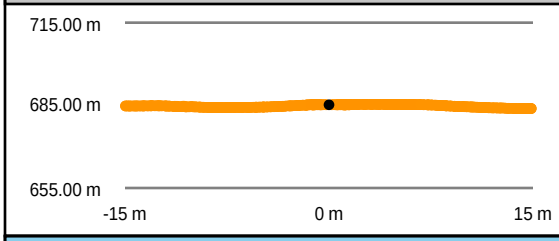
Known Z	685.20 m	Point Density	4.63 ppsm
DEM Dz	0.02 m	Ground Density	4.63 ppsm
Raw TIN Dz	0.01 m	Slope	4.08 °

Project Context

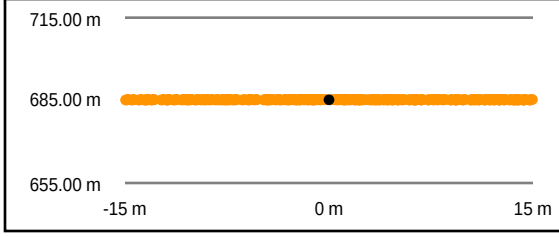


World Imagery

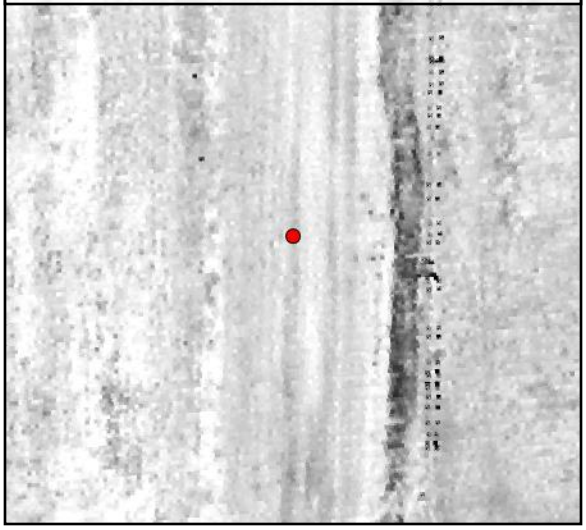
West to East



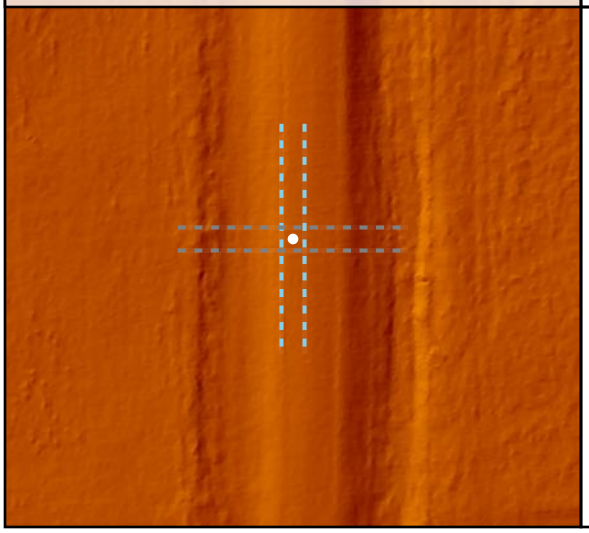
South to North



Intensity Raster

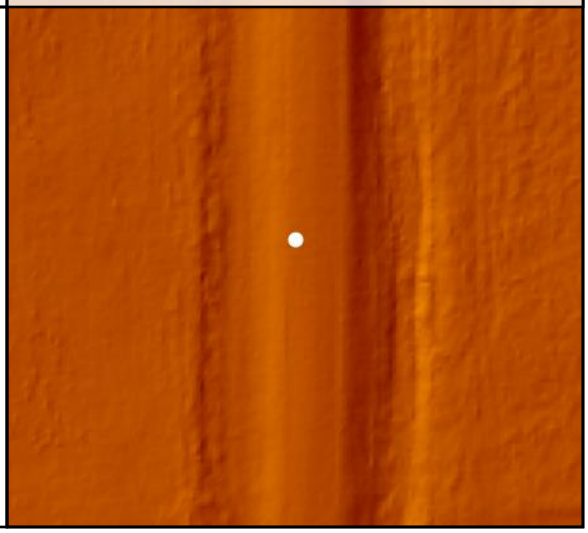


TIN Surface



Project Elevation

DEM Surface



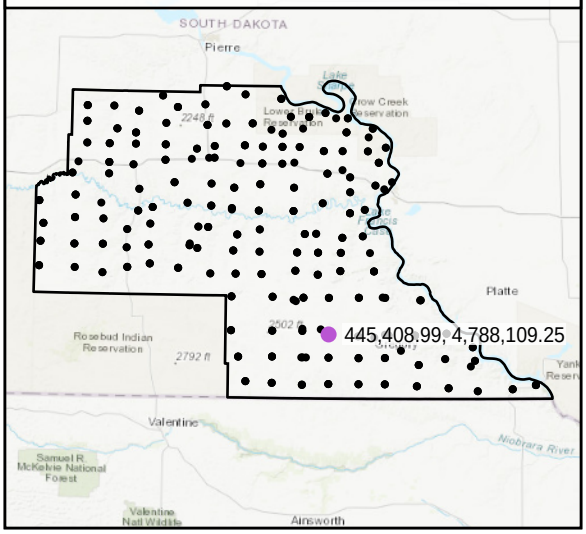
DEM Dz +0.02 m

CAL - CAL023

Raw TIN Dz +0.01 m

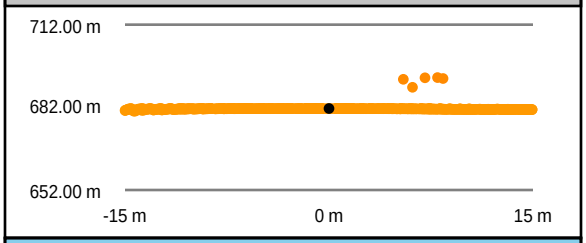
CAL024				
	Known Z	681.58 m	Point Density	5.48 ppsm
	DEM Dz	-0.04 m	Ground Density	5.48 ppsm
	Raw TIN Dz	-0.05 m	Slope	0.58 °

Project Context

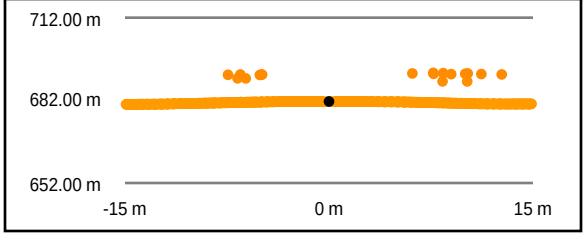


World Imagery

Southeast to Northwest

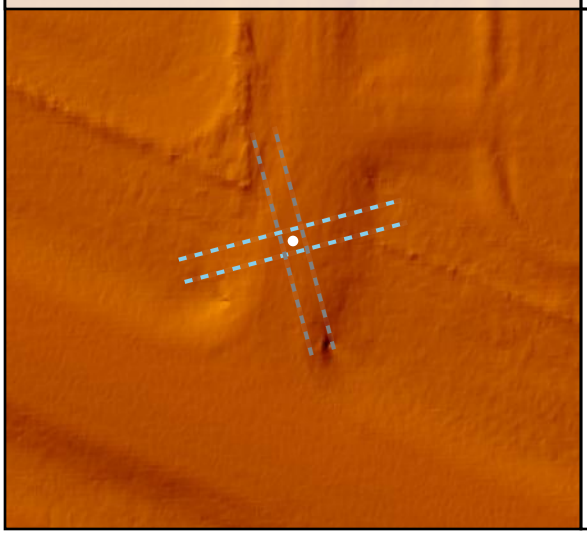


Southwest to Northeast



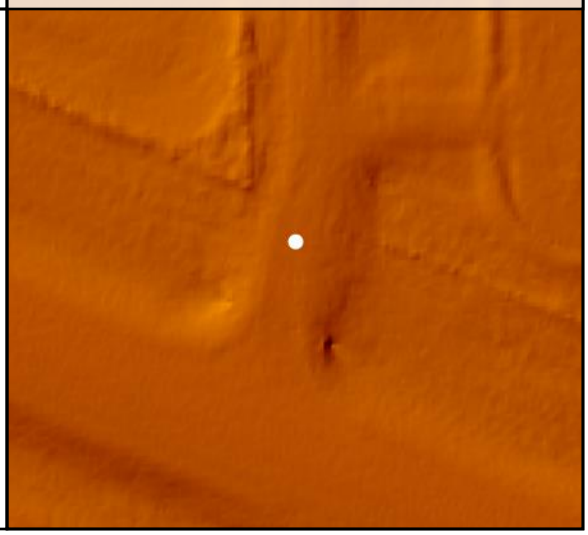
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

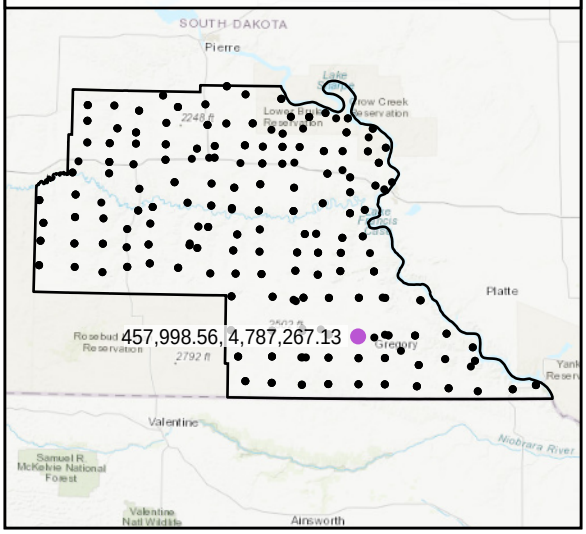
CAL - CAL024

Raw TIN Dz -0.05 m

CAL025

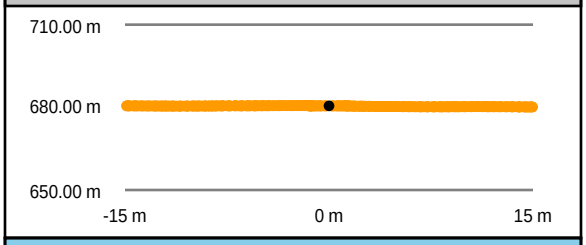
Known Z	680.53 m	Point Density	4.49 ppsm
DEM Dz	-0.01 m	Ground Density	4.49 ppsm
Raw TIN Dz	-0.01 m	Slope	2.56 °

Project Context

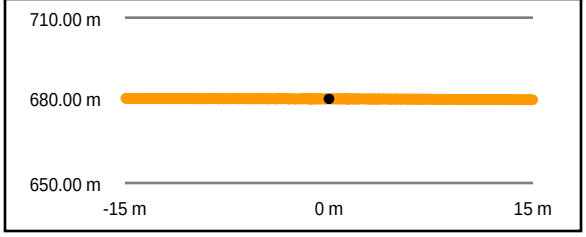


World Imagery

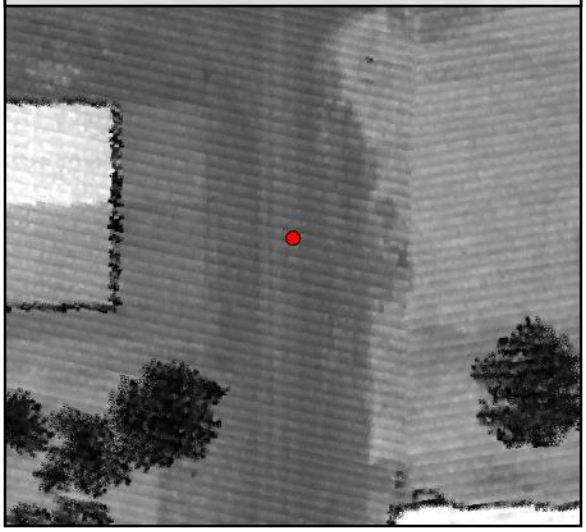
Southwest to Northeast



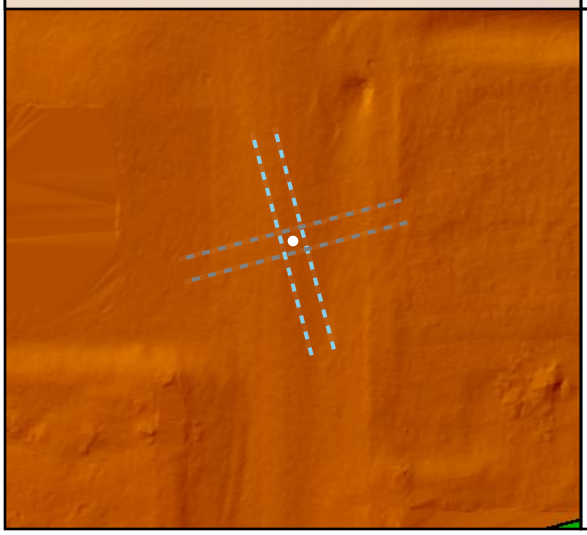
Southeast to Northwest



Intensity Raster

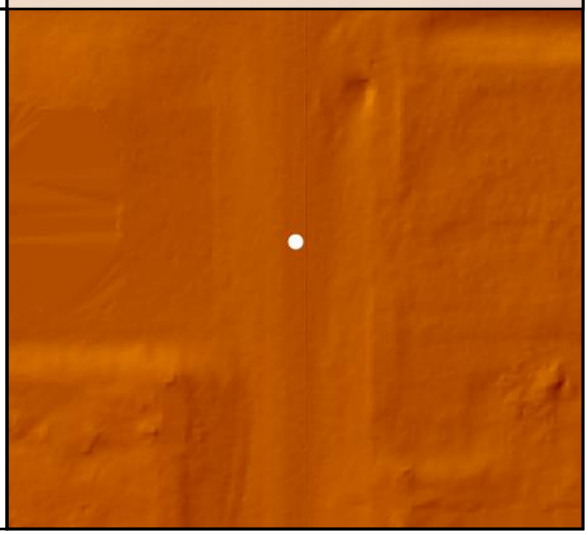


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

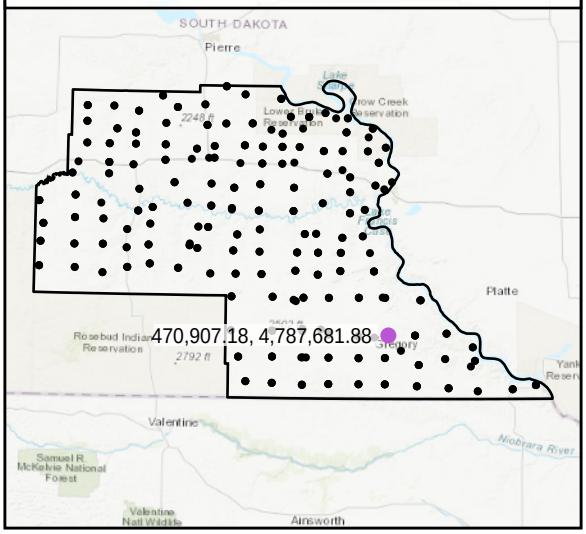
CAL - CAL025

Raw TIN Dz -0.01 m

CAL026

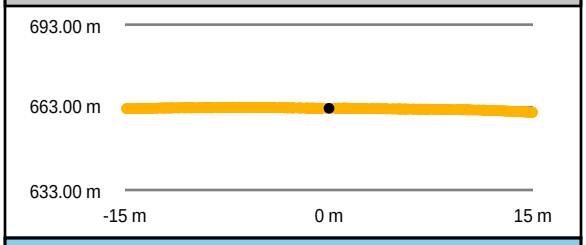
Known Z	662.64 m	Point Density	4.74 ppsm
DEM Dz	0.02 m	Ground Density	4.74 ppsm
Raw TIN Dz	0.01 m	Slope	2.89 °

Project Context

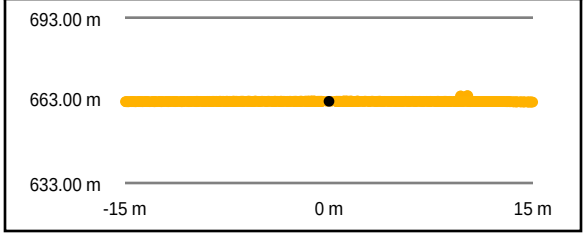


World Imagery

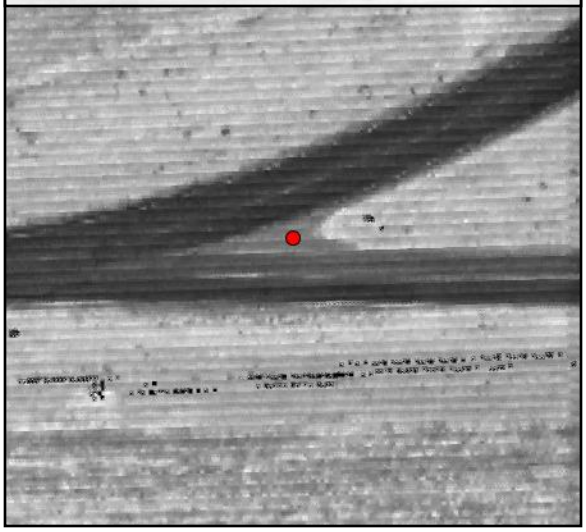
Southeast to Northwest



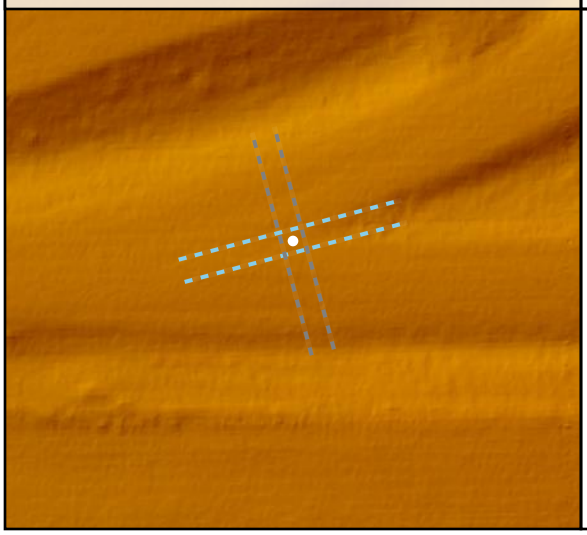
Southwest to Northeast



Intensity Raster



TIN Surface

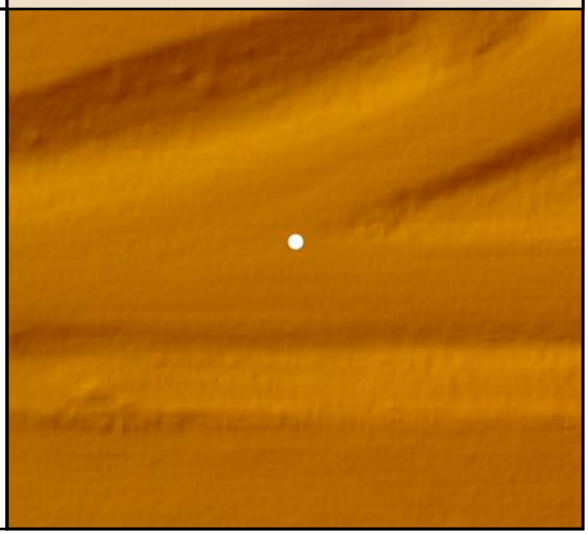


Project Elevation

795.78

413.64

DEM Surface



DEM Dz +0.02 m

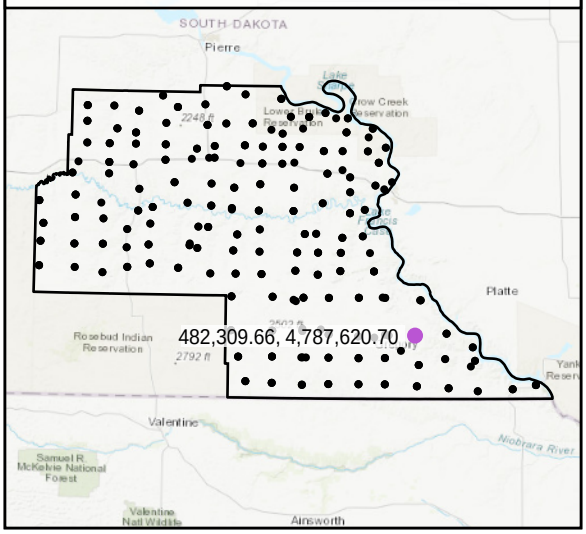
CAL - CAL026

Raw TIN Dz +0.01 m

CAL027

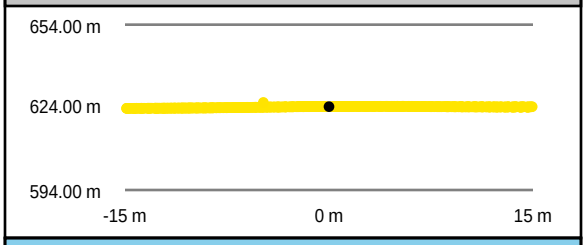
Known Z	624.25 m	Point Density	5.34 ppsm
DEM Dz	0.02 m	Ground Density	5.31 ppsm
Raw TIN Dz	0.02 m	Slope	1.67 °

Project Context

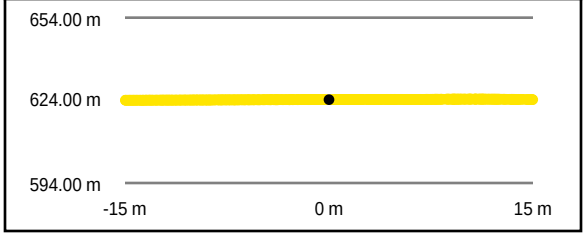


World Imagery

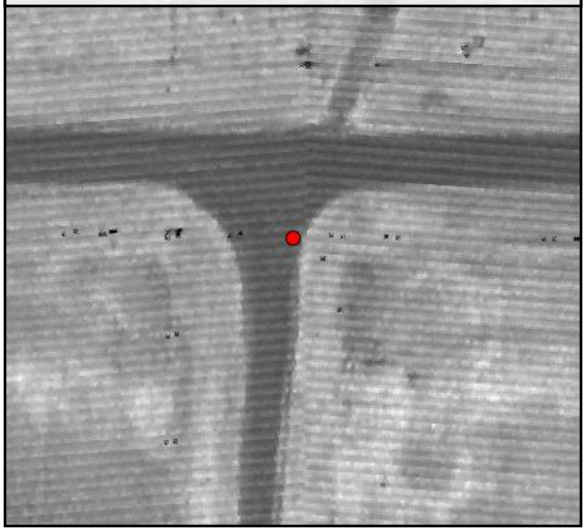
Southeast to Northwest



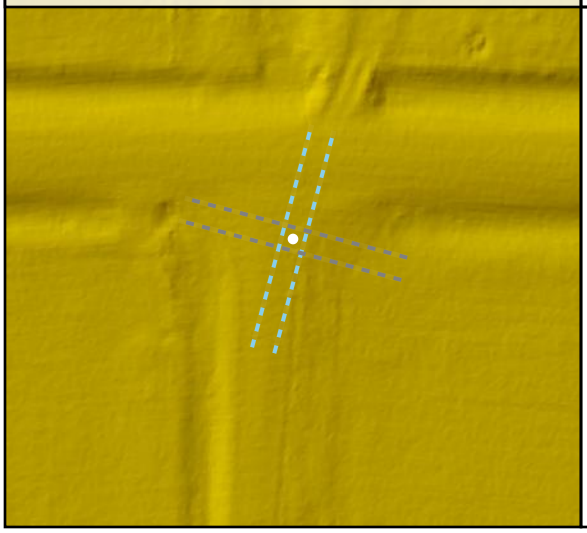
Southwest to Northeast



Intensity Raster

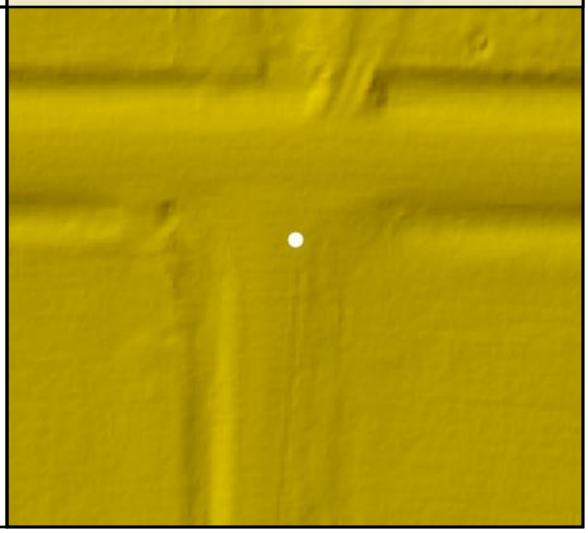


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

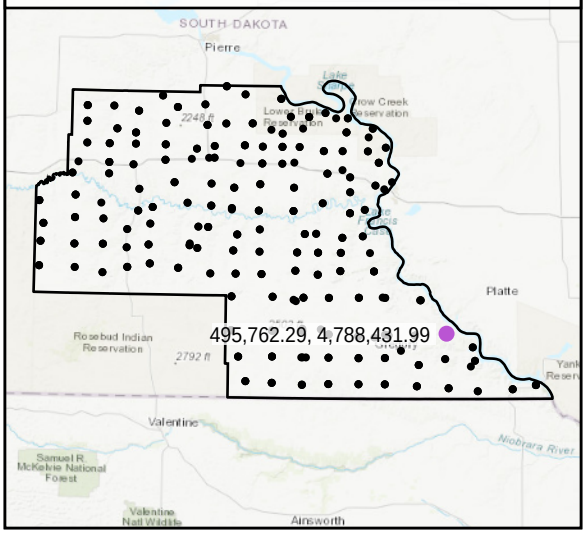
CAL - CAL027

Raw TIN Dz +0.02 m

CAL028

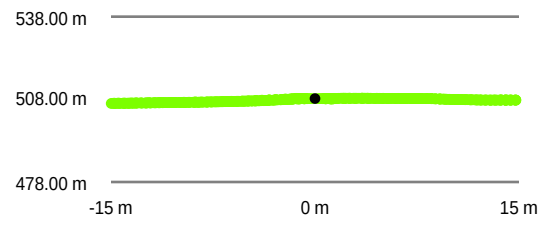
Known Z	508.28 m	Point Density	5.45 ppsm
DEM Dz	-0.02 m	Ground Density	5.45 ppsm
Raw TIN Dz	-0.02 m	Slope	5.13 °

Project Context

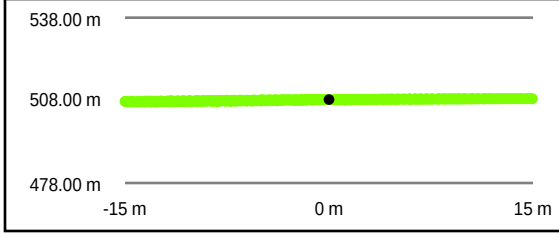


World Imagery

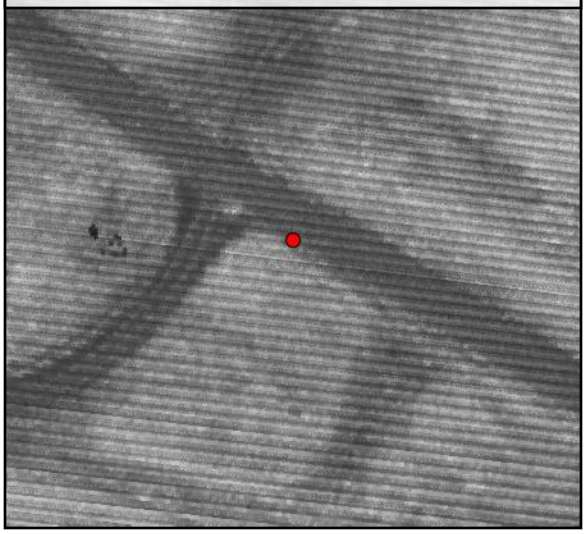
Southwest to Northeast



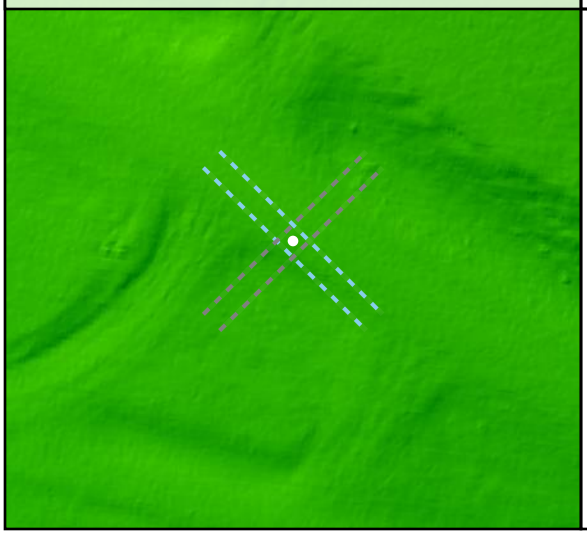
Southeast to Northwest



Intensity Raster

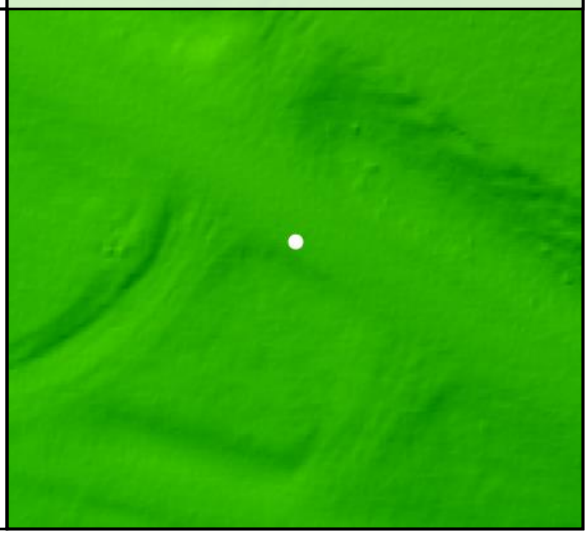


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

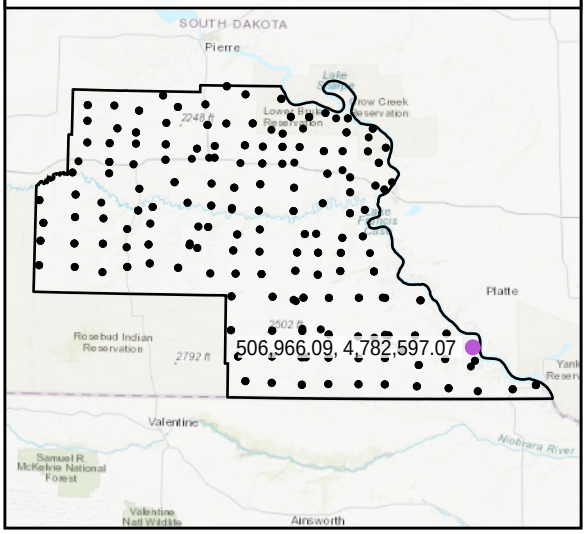
CAL - CAL028

Raw TIN Dz -0.02 m

CAL029

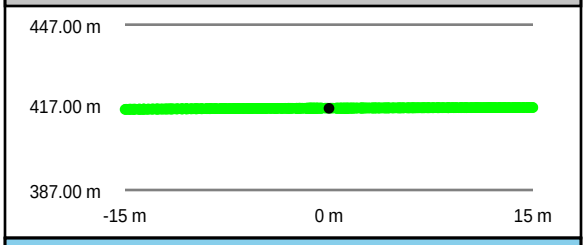
Known Z	416.64 m	Point Density	4.92 ppsm
DEM Dz	0.06 m	Ground Density	4.92 ppsm
Raw TIN Dz	0.06 m	Slope	1.45 °

Project Context

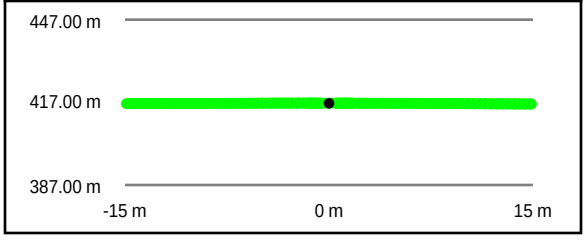


World Imagery

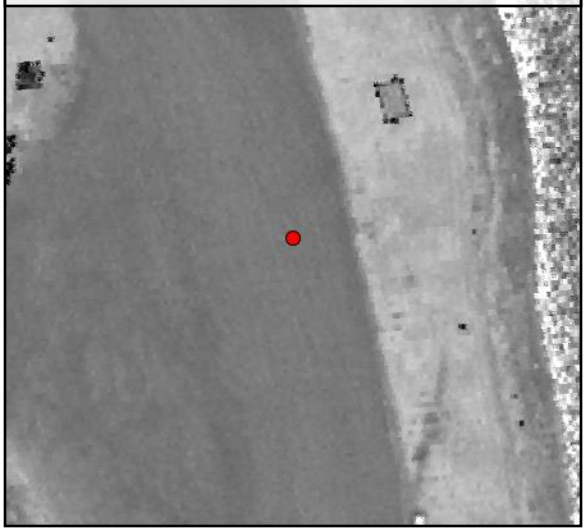
Southeast to Northwest



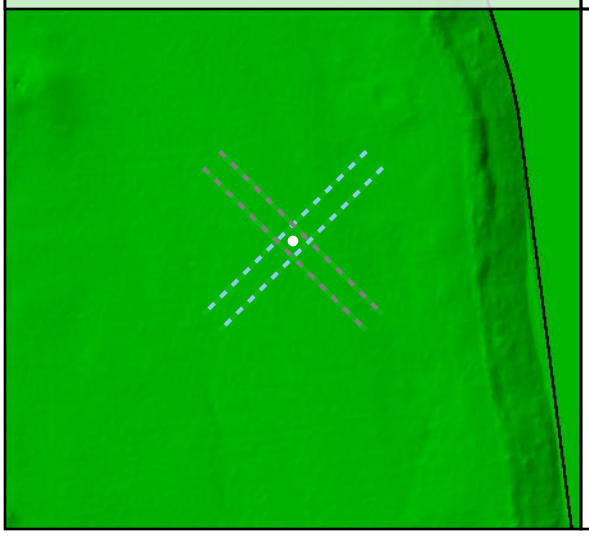
Southwest to Northeast



Intensity Raster

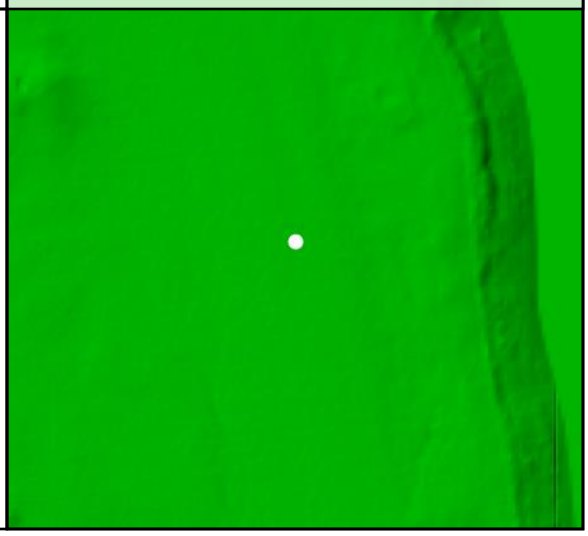


TIN Surface



Project Elevation

DEM Surface



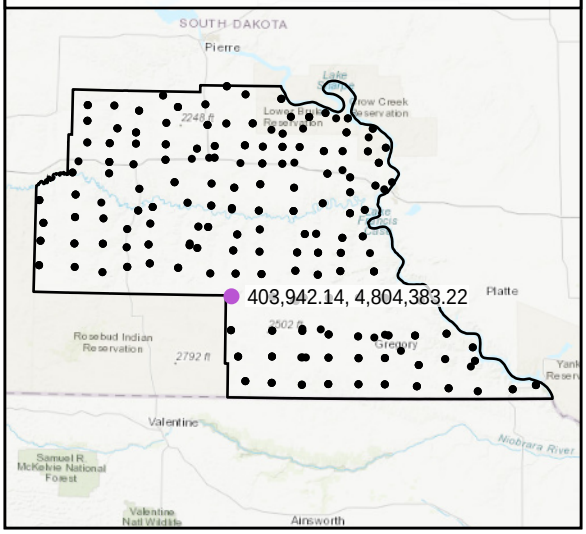
DEM Dz +0.06 m

CAL - CAL029

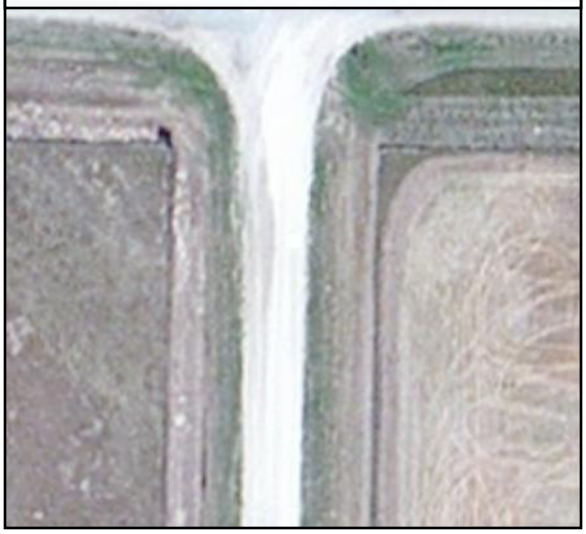
Raw TIN Dz +0.06 m

CAL030				
	Known Z	661.07 m	Point Density	5.62 ppsm
	DEM Dz	0.01 m	Ground Density	5.62 ppsm
	Raw TIN Dz	0.01 m	Slope	2.46 °

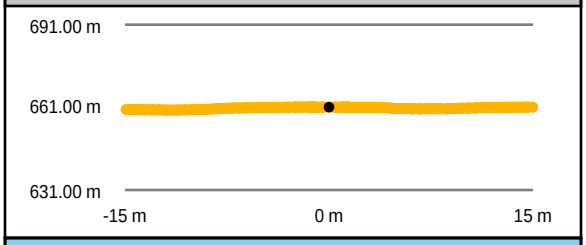
Project Context



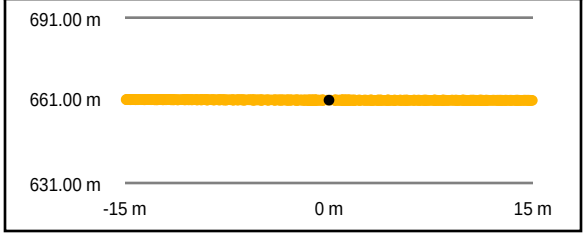
World Imagery



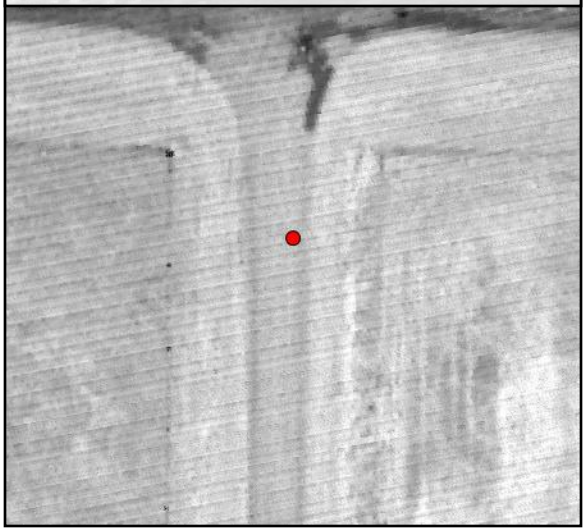
West to East



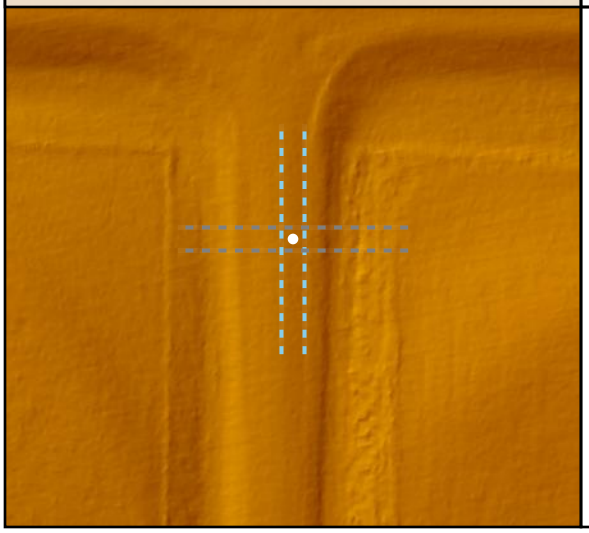
South to North



Intensity Raster

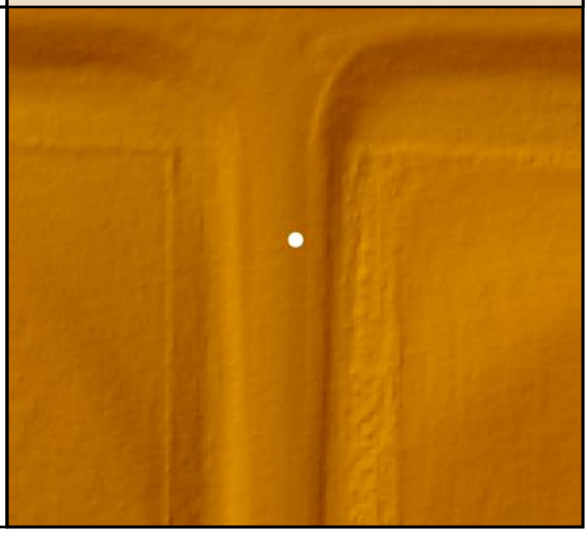


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

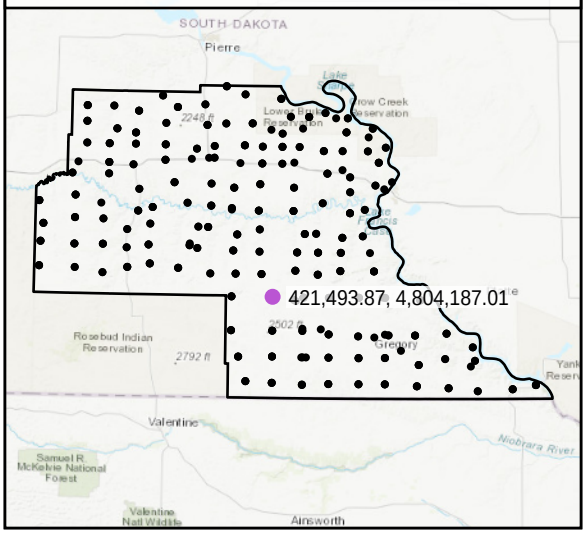
CAL - CAL030

Raw TIN Dz +0.01 m

CAL031

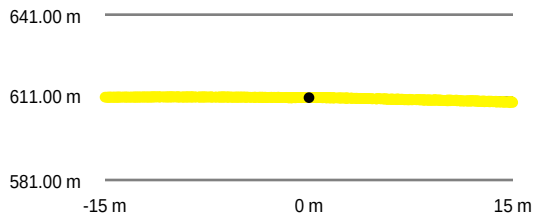
Known Z	610.88 m	Point Density	5.52 ppsm
DEM Dz	0.02 m	Ground Density	5.52 ppsm
Raw TIN Dz	0.01 m	Slope	4.31 °

Project Context

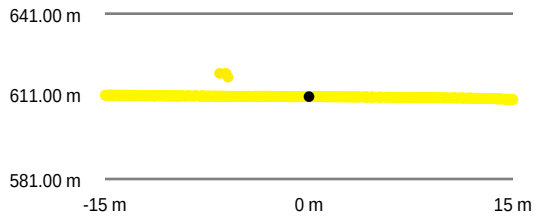


World Imagery

Southeast to Northwest

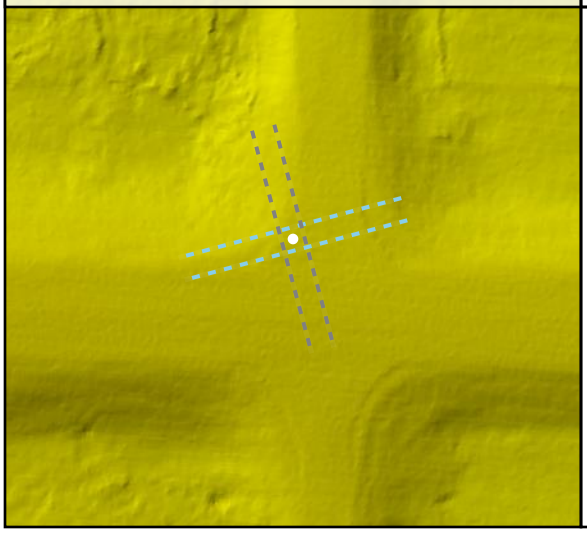


Southwest to Northeast



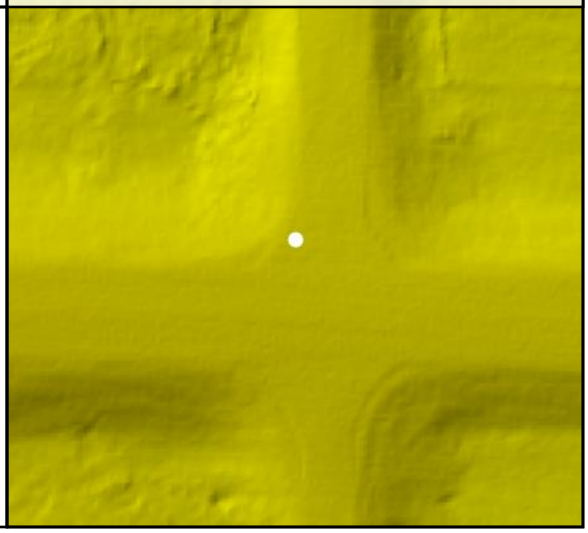
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



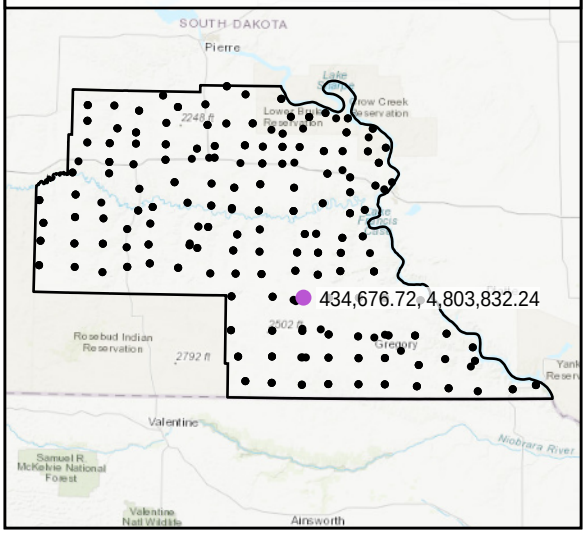
DEM Dz +0.02 m

CAL - CAL031

Raw TIN Dz +0.01 m

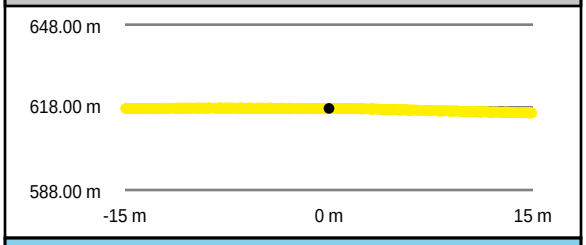
CAL032				
	Known Z	617.60 m	Point Density	5.06 ppsm
	DEM Dz	-0.01 m	Ground Density	5.06 ppsm
	Raw TIN Dz	-0.01 m	Slope	1.83 °

Project Context

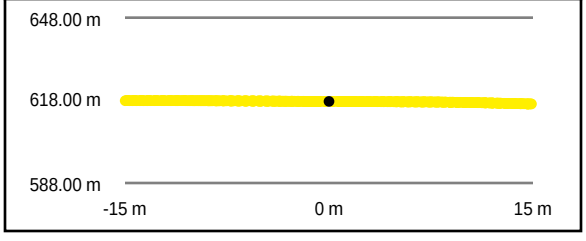


World Imagery

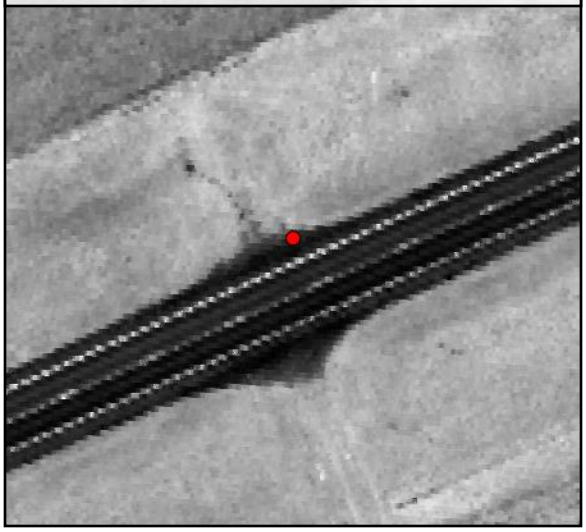
Southwest to Northeast



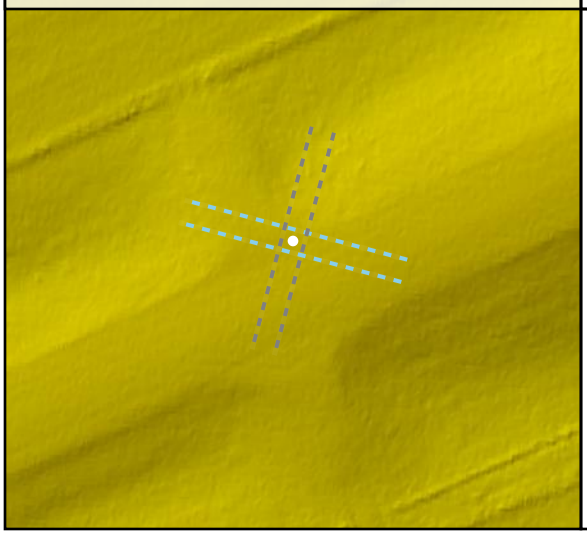
Southeast to Northwest



Intensity Raster

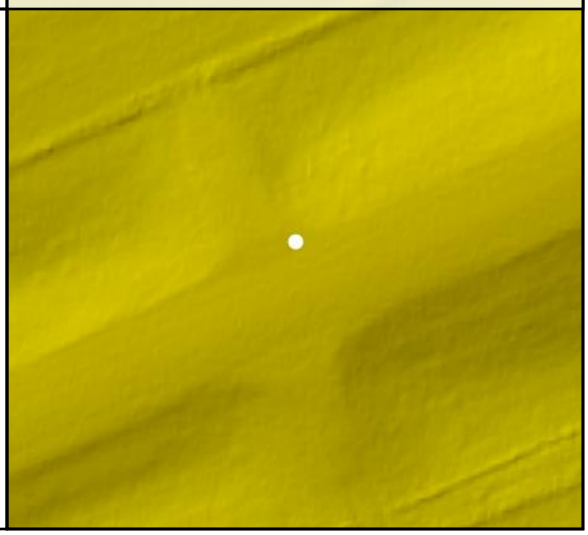


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

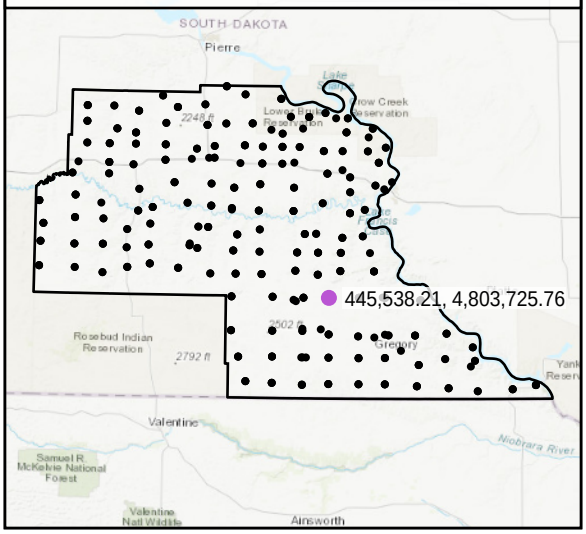
CAL - CAL032

Raw TIN Dz -0.01 m

CAL033

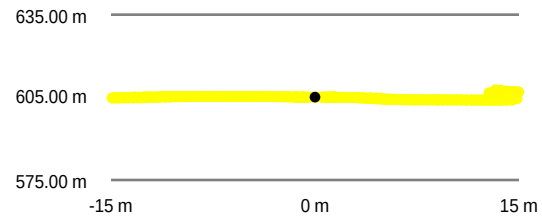
Known Z	605.08 m	Point Density	5.38 ppsm
DEM Dz	0.01 m	Ground Density	5.38 ppsm
Raw TIN Dz	0.01 m	Slope	1.61 °

Project Context

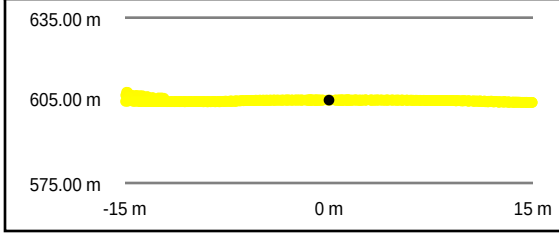


World Imagery

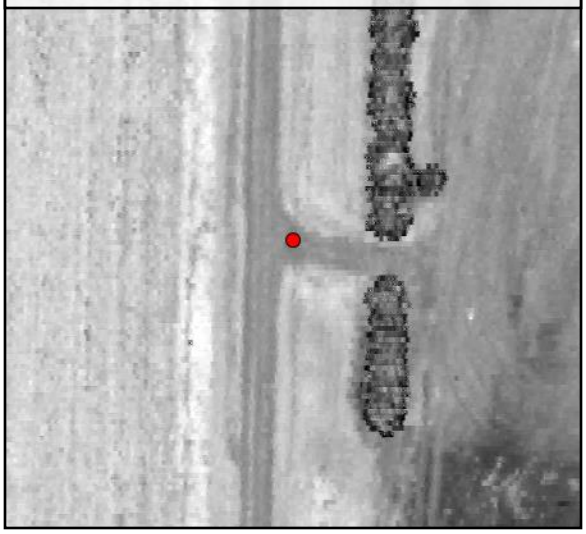
Southwest to Northeast



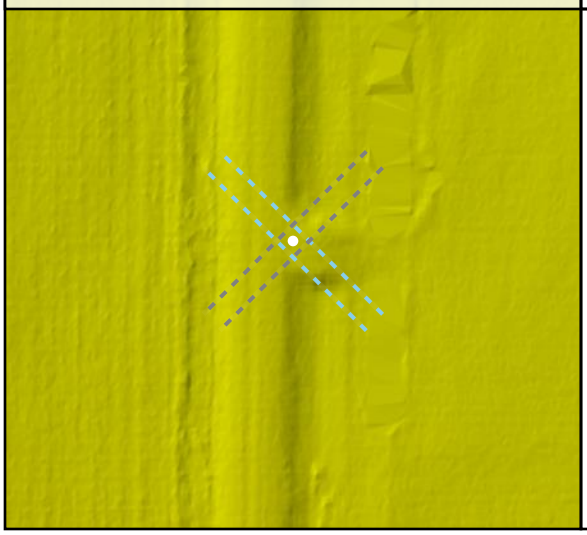
Southeast to Northwest



Intensity Raster

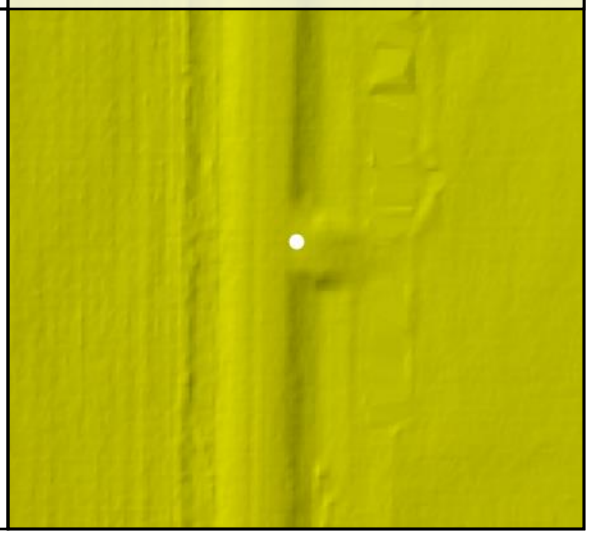


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

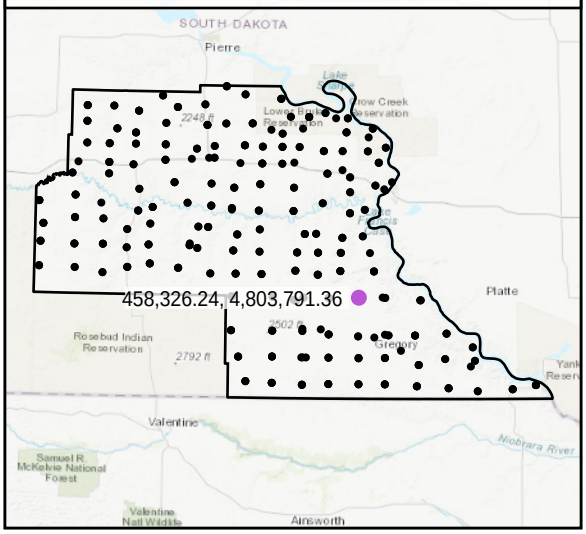
CAL - CAL033

Raw TIN Dz +0.01 m

CAL034

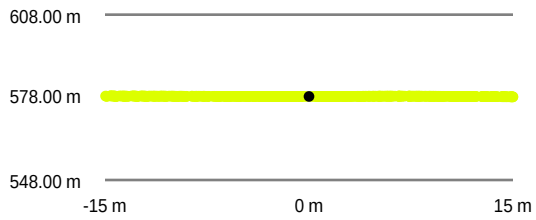
Known Z	578.32 m	Point Density	5.23 ppsm
DEM Dz	0.00 m	Ground Density	5.23 ppsm
Raw TIN Dz	0.00 m	Slope	0.36 °

Project Context

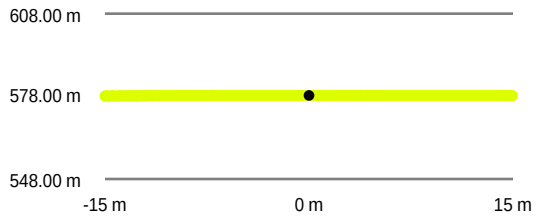


World Imagery

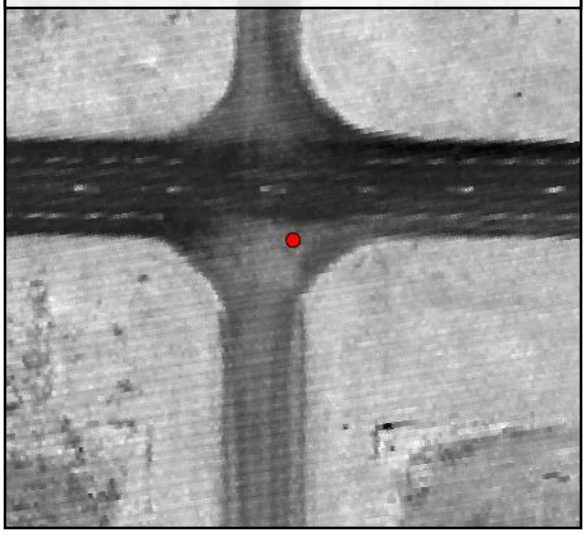
South to North



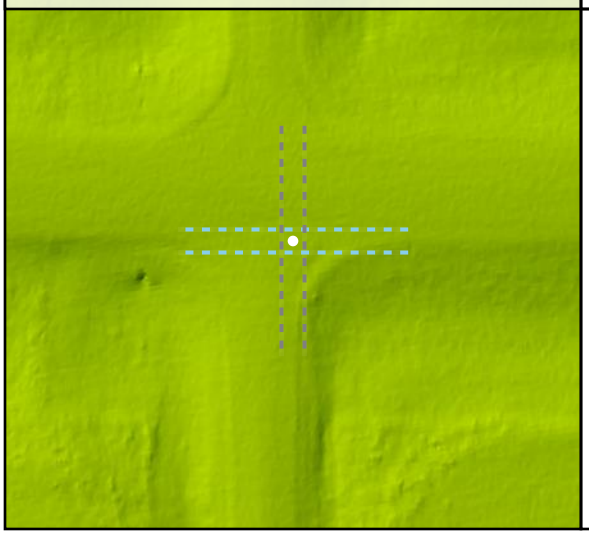
West to East



Intensity Raster

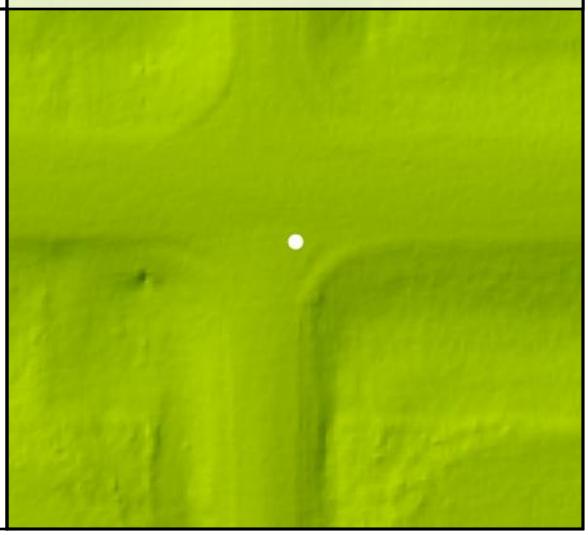


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

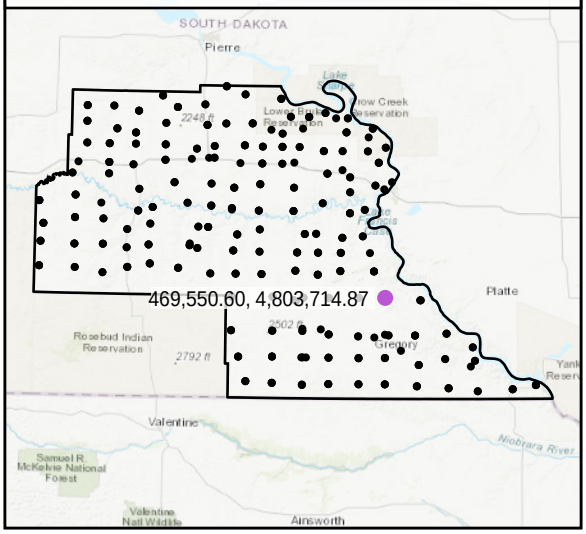
CAL - CAL034

Raw TIN Dz +0.00 m

CAL035

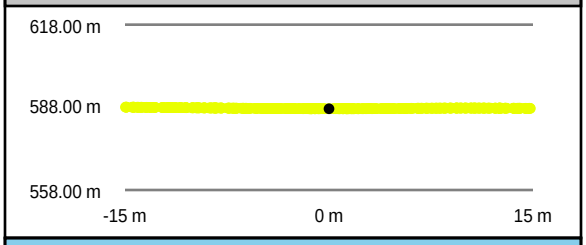
Known Z	587.48 m	Point Density	4.92 ppsm
DEM Dz	0.02 m	Ground Density	4.92 ppsm
Raw TIN Dz	0.02 m	Slope	1.22 °

Project Context

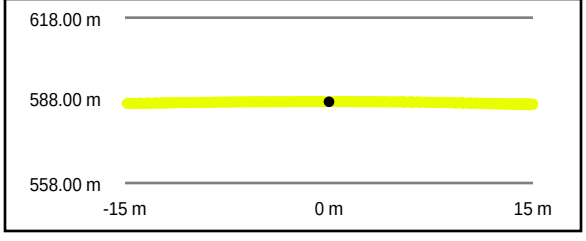


World Imagery

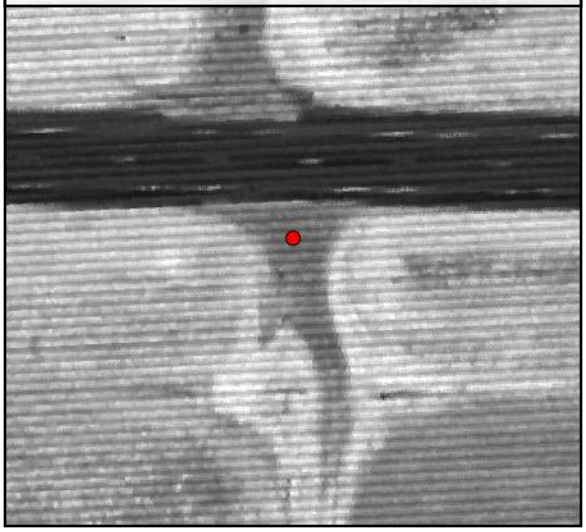
South to North



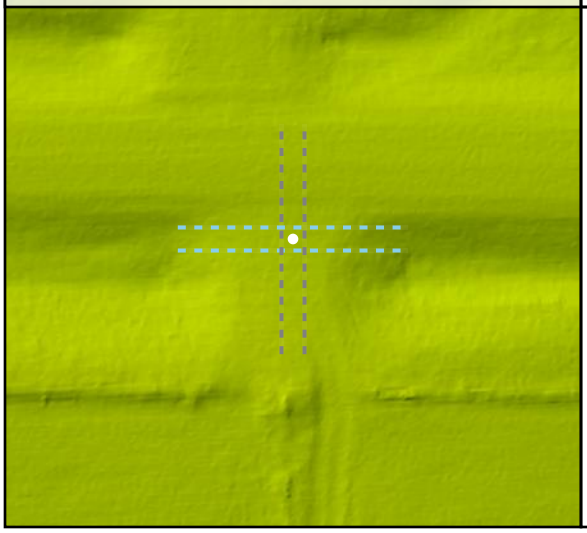
West to East



Intensity Raster

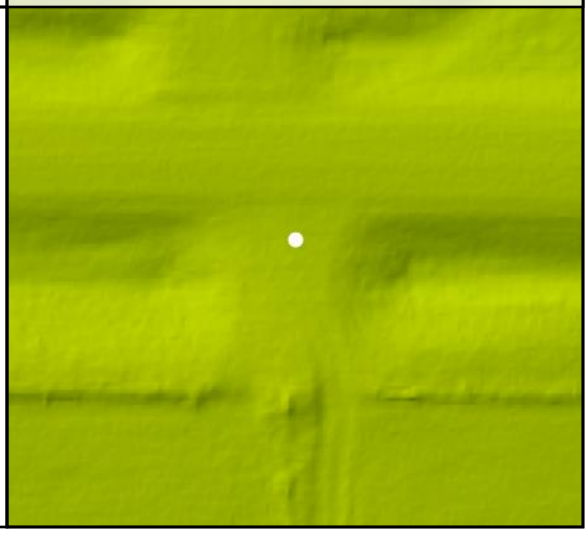


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

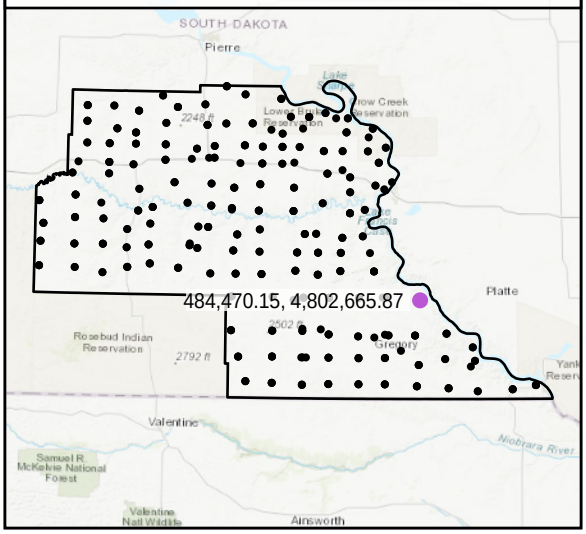
CAL - CAL035

Raw TIN Dz +0.02 m

CAL036

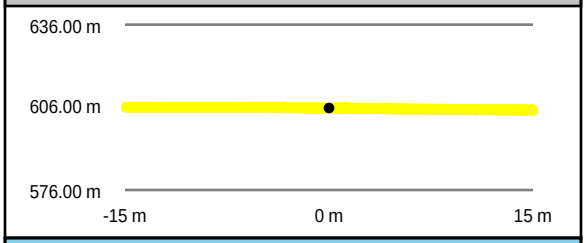
Known Z	605.75 m	Point Density	5.59 ppsm
DEM Dz	-0.03 m	Ground Density	5.59 ppsm
Raw TIN Dz	-0.03 m	Slope	1.72 °

Project Context

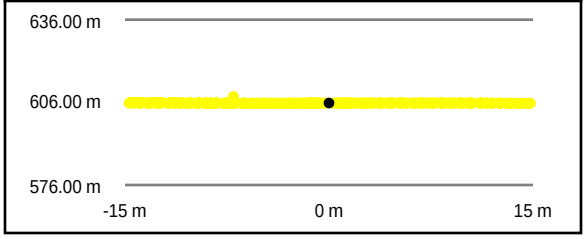


World Imagery

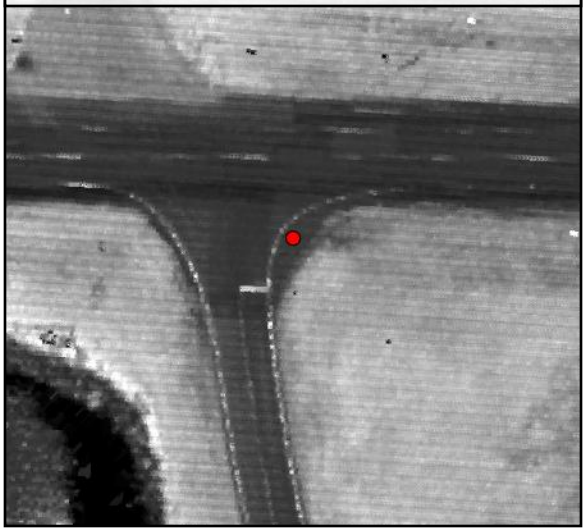
West to East



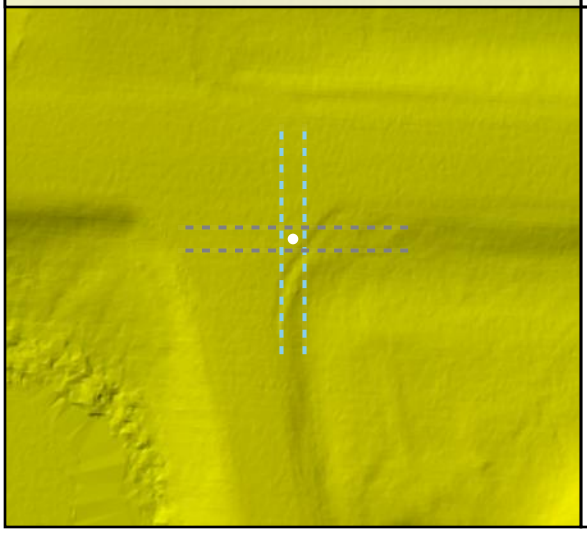
South to North



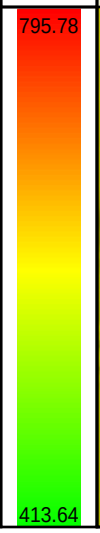
Intensity Raster



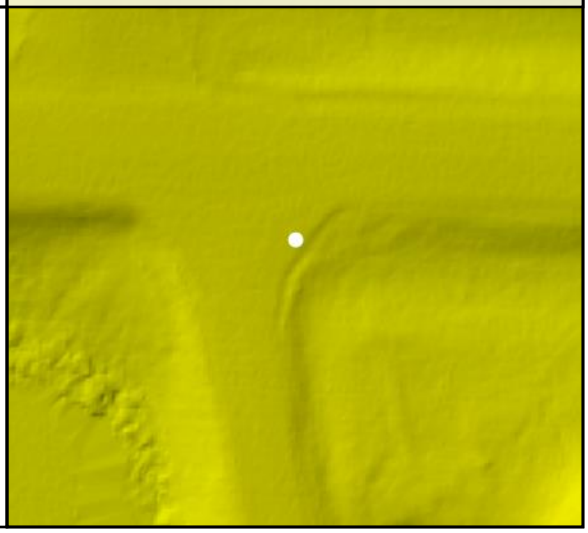
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.03 m

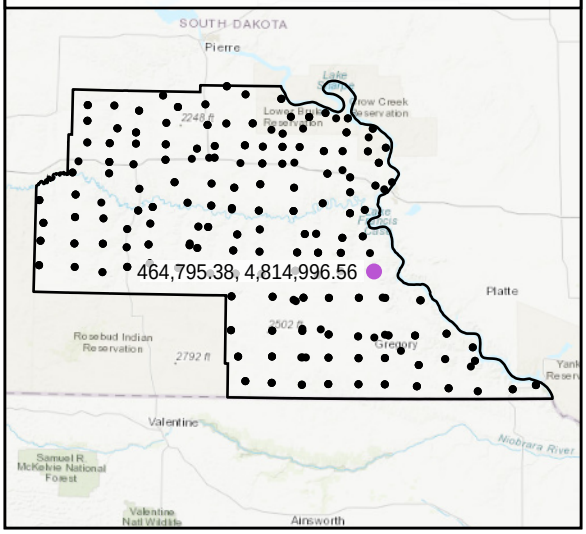
CAL - CAL036

Raw TIN Dz -0.03 m

CAL037

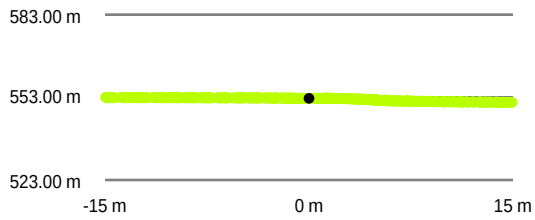
Known Z	552.64 m	Point Density	6.15 ppsm
DEM Dz	0.03 m	Ground Density	6.15 ppsm
Raw TIN Dz	0.03 m	Slope	2.25 °

Project Context

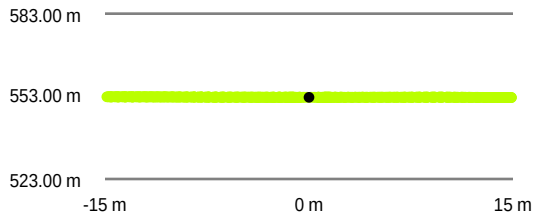


World Imagery

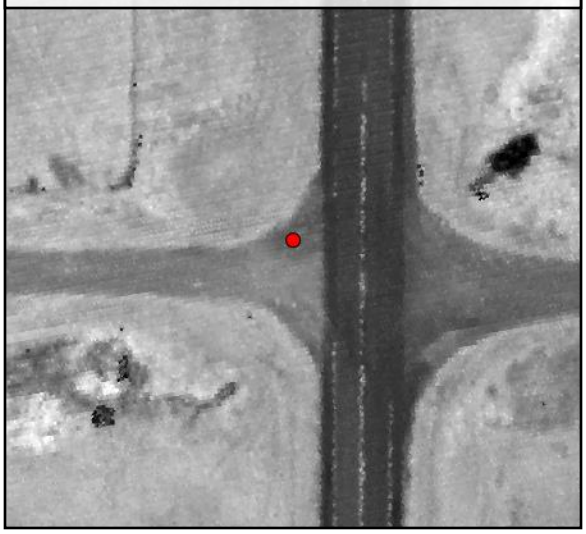
Southeast to Northwest



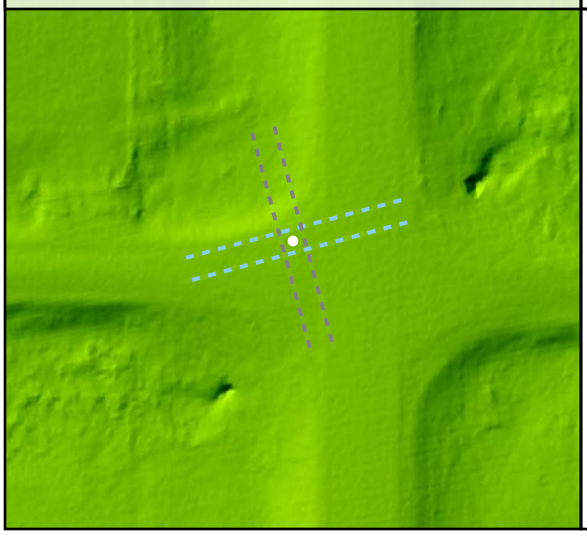
Southwest to Northeast



Intensity Raster

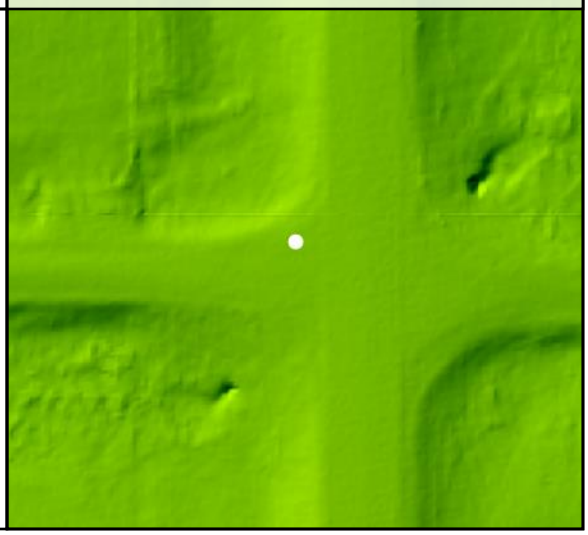


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

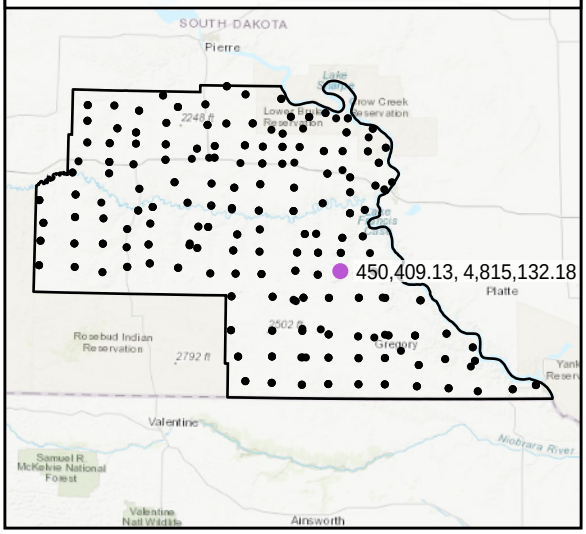
CAL - CAL037

Raw TIN Dz +0.03 m

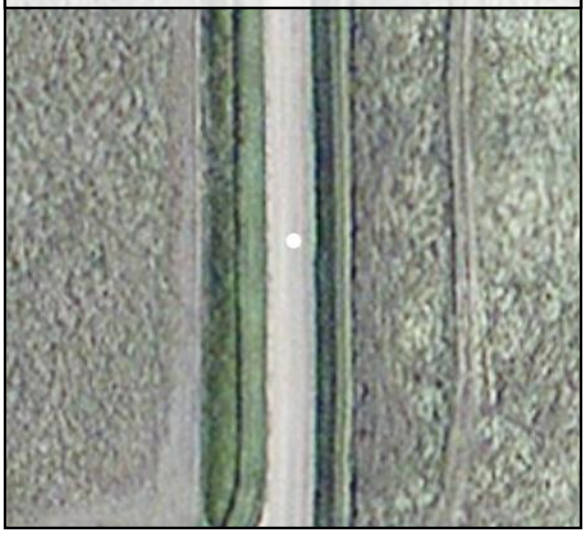
CAL038

Known Z	569.25 m	Point Density	5.87 ppsm
DEM Dz	-0.02 m	Ground Density	5.87 ppsm
Raw TIN Dz	-0.02 m	Slope	2.83 °

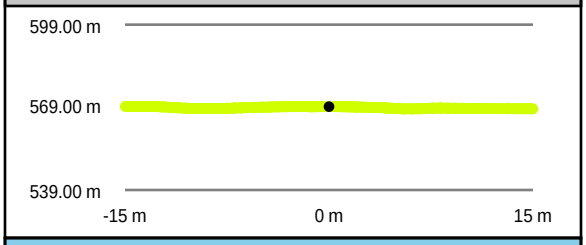
Project Context



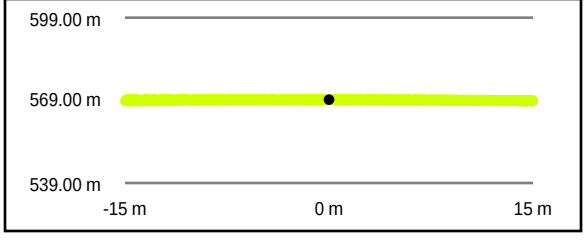
World Imagery



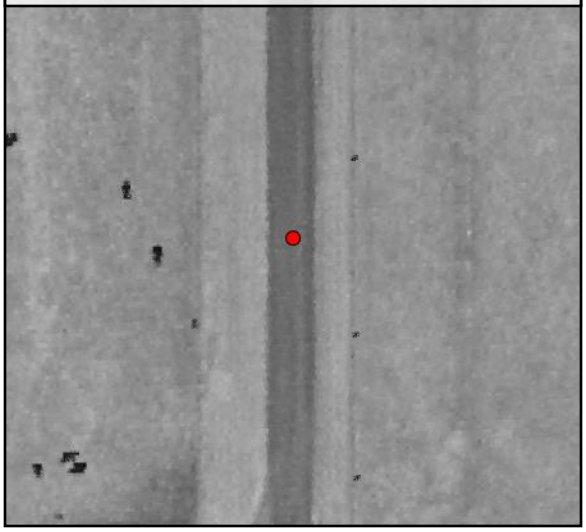
Southwest to Northeast



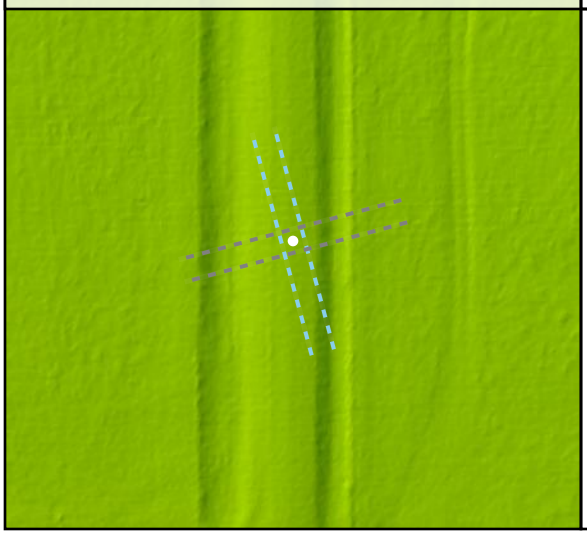
Southeast to Northwest



Intensity Raster

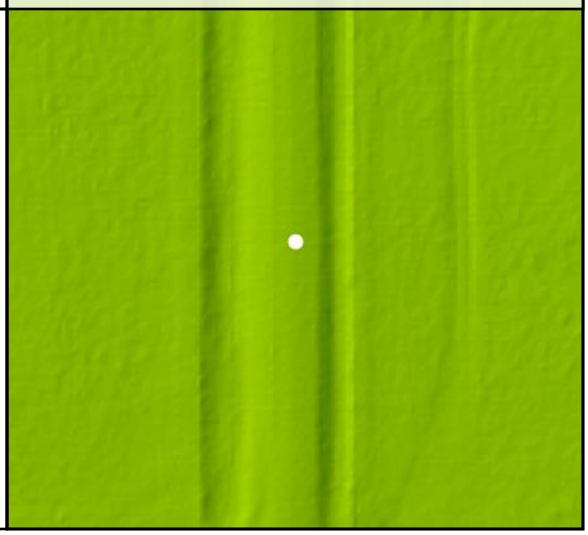


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

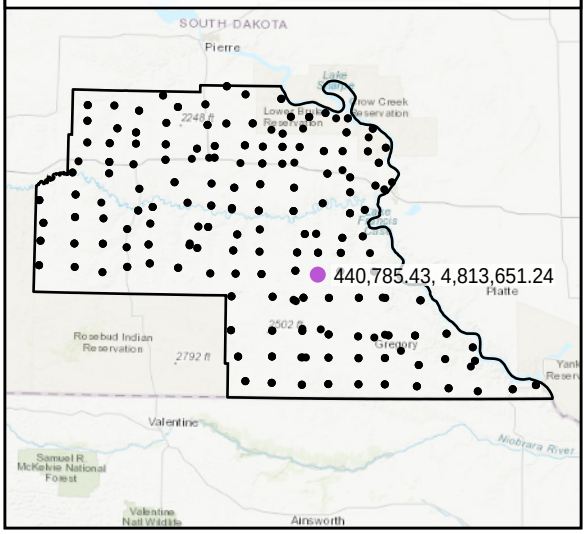
CAL - CAL038

Raw TIN Dz -0.02 m

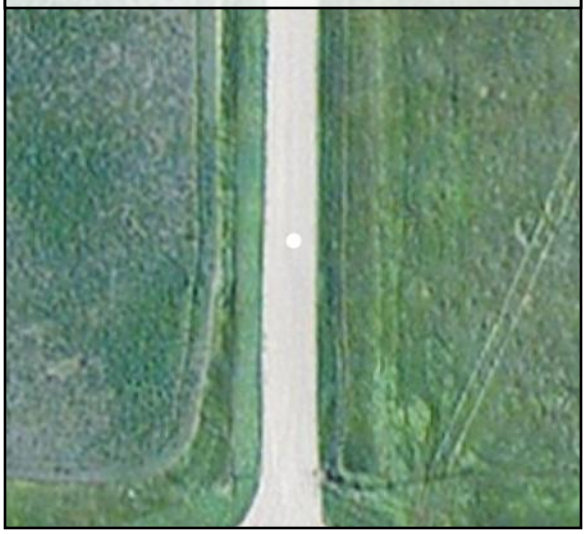
CAL039

Known Z	617.59 m	Point Density	4.77 ppsm
DEM Dz	0.00 m	Ground Density	4.77 ppsm
Raw TIN Dz	0.00 m	Slope	1.95 °

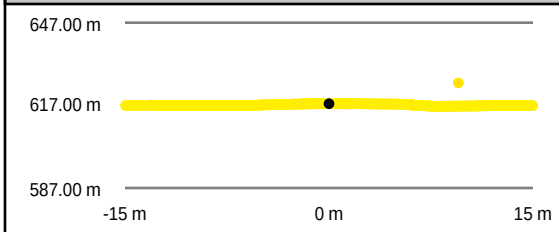
Project Context



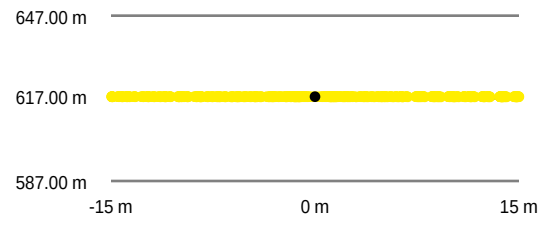
World Imagery



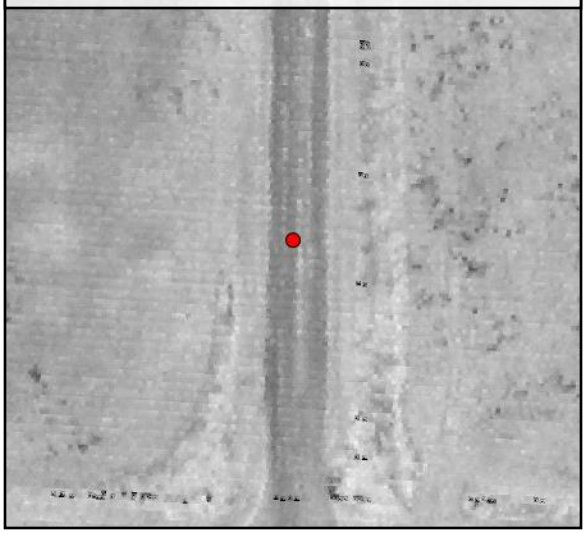
West to East



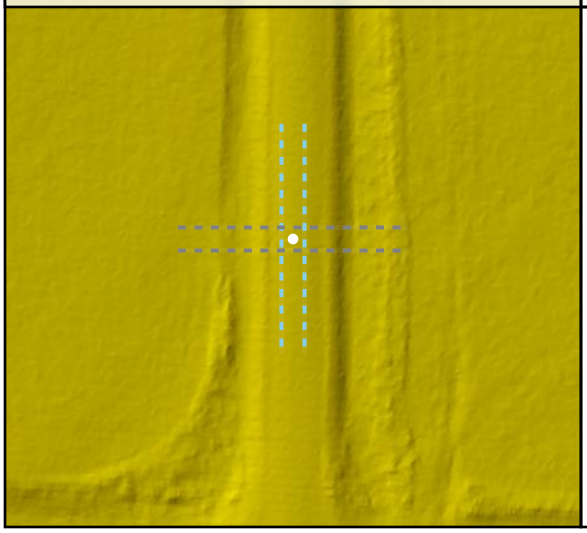
South to North



Intensity Raster

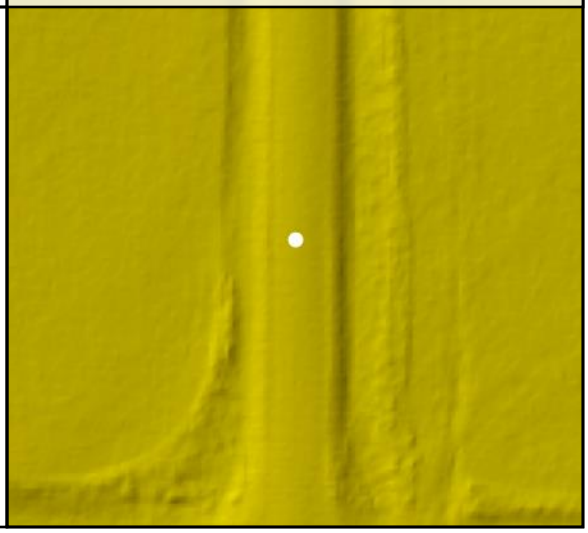


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

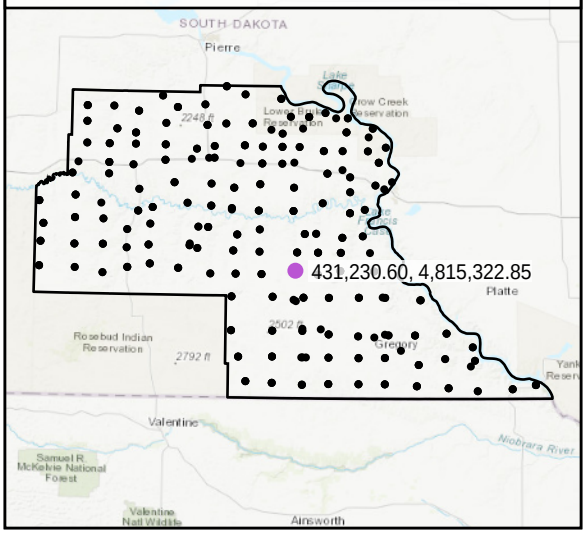
CAL - CAL039

Raw TIN Dz +0.00 m

CAL040

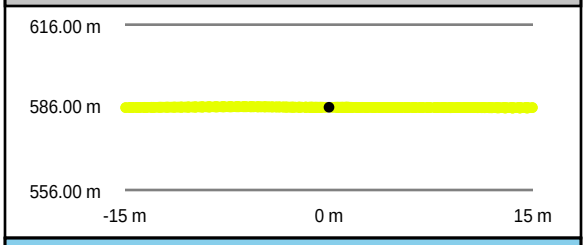
Known Z	586.03 m	Point Density	5.09 ppsm
DEM Dz	0.00 m	Ground Density	5.09 ppsm
Raw TIN Dz	0.00 m	Slope	1.55 °

Project Context

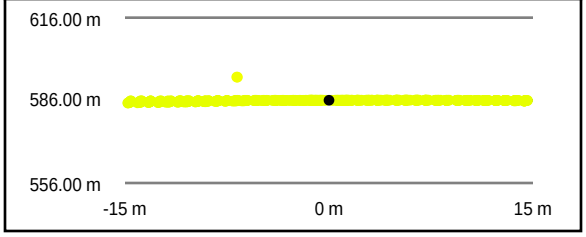


World Imagery

West to East

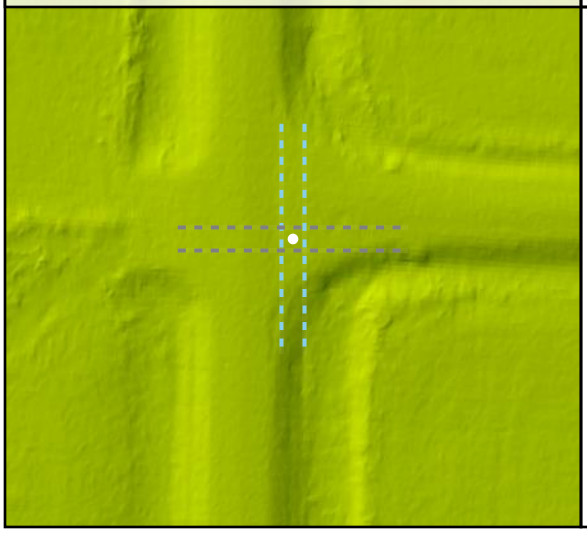


South to North



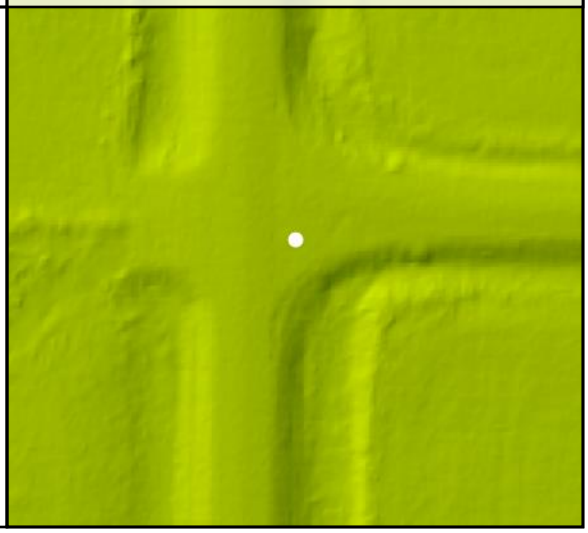
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

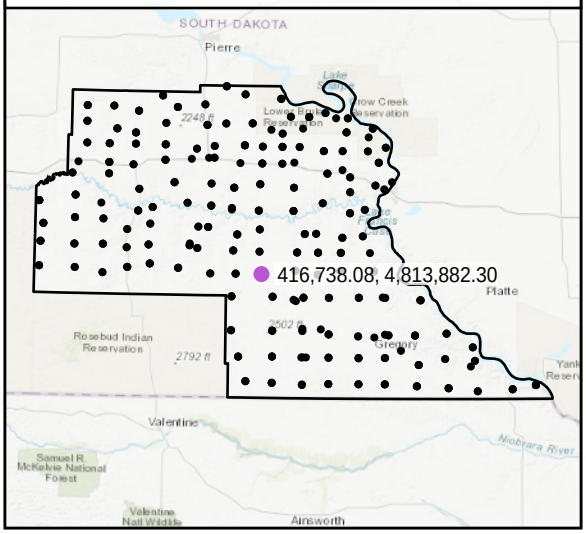
CAL - CAL040

Raw TIN Dz 0.00 m

CAL041

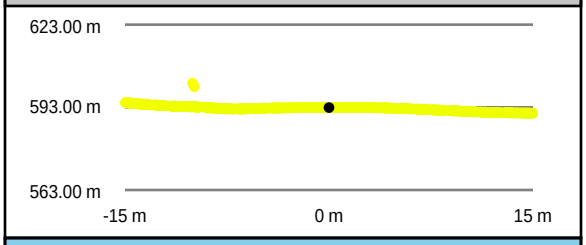
Known Z	592.90 m	Point Density	5.41 ppsm
DEM Dz	0.03 m	Ground Density	5.41 ppsm
Raw TIN Dz	0.03 m	Slope	0.27 °

Project Context

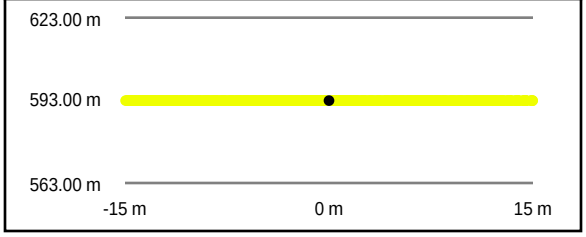


World Imagery

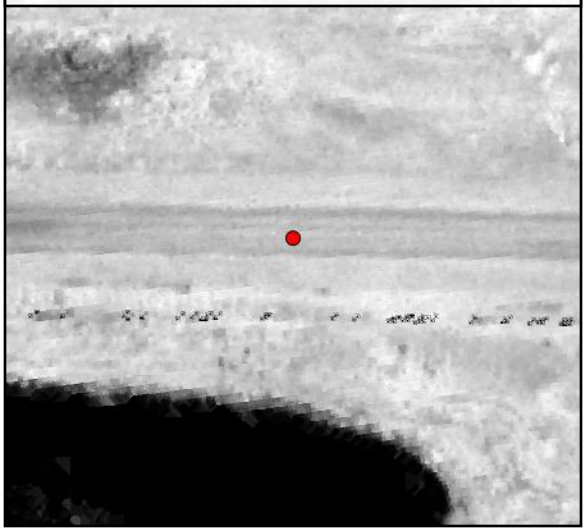
South to North



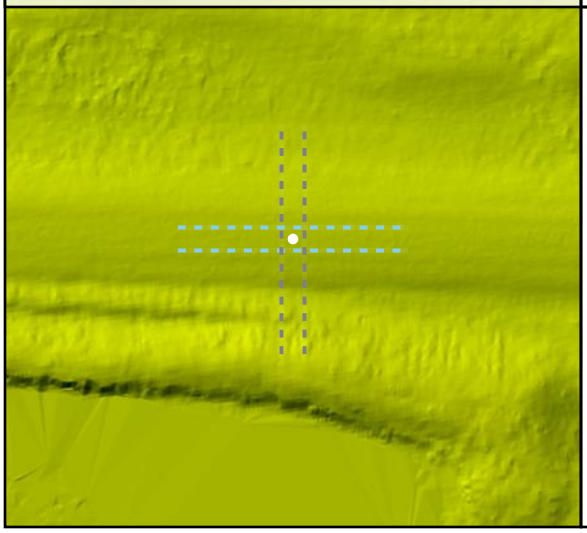
West to East



Intensity Raster

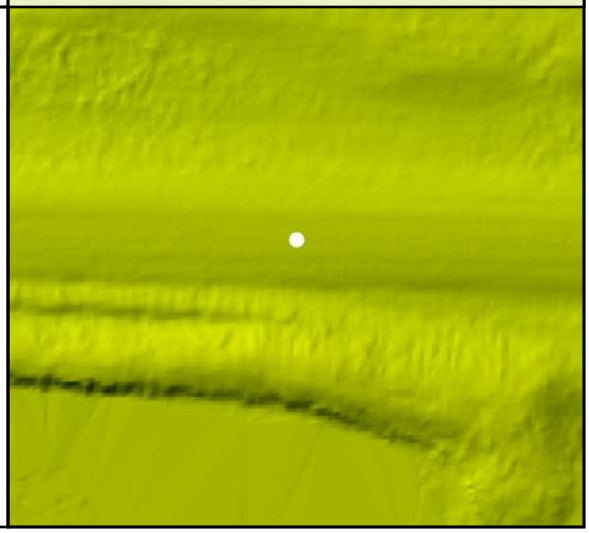


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

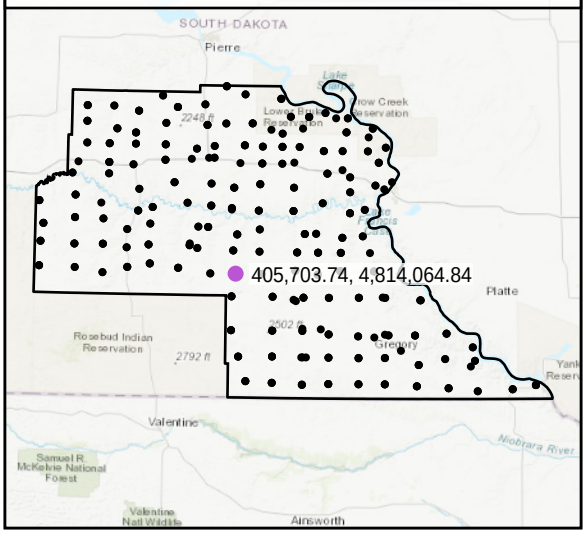
CAL - CAL041

Raw TIN Dz +0.03 m

CAL042

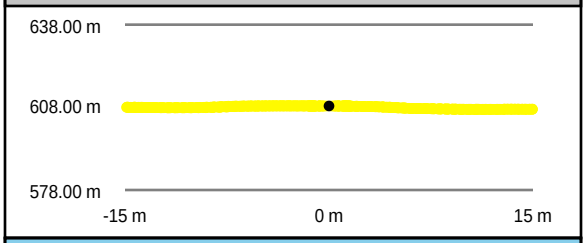
Known Z	608.49 m	Point Density	5.66 ppsm
DEM Dz	-0.01 m	Ground Density	5.66 ppsm
Raw TIN Dz	-0.01 m	Slope	2.56 °

Project Context

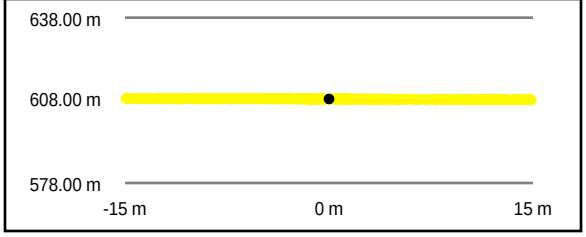


World Imagery

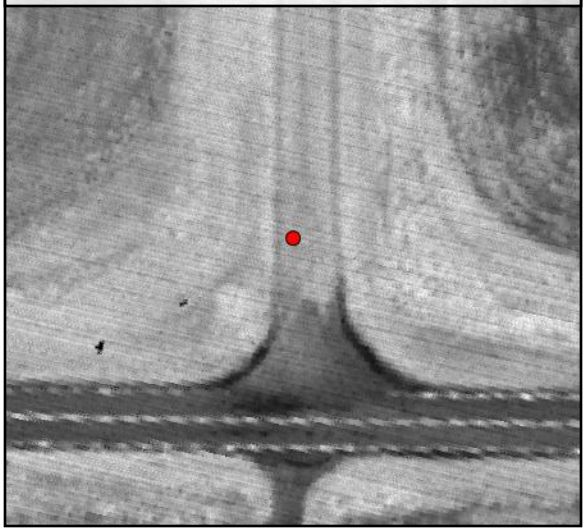
Southeast to Northwest



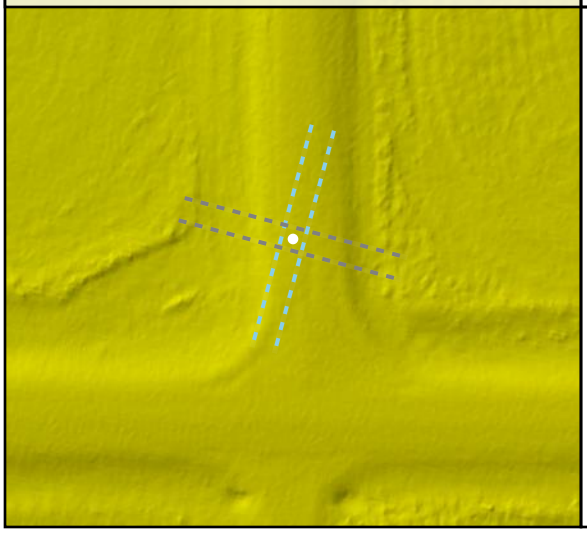
Southwest to Northeast



Intensity Raster

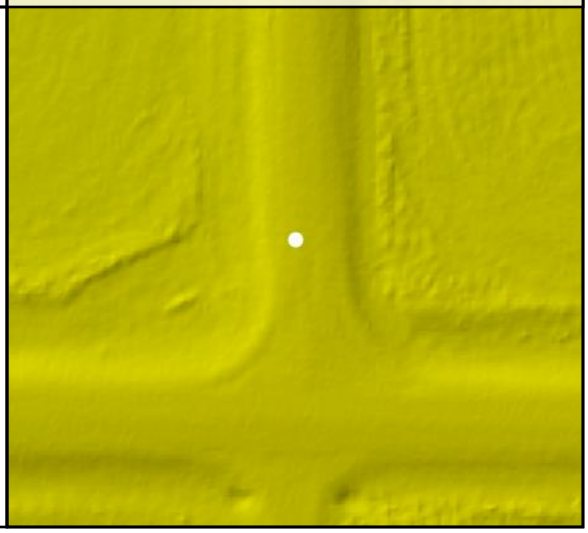


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

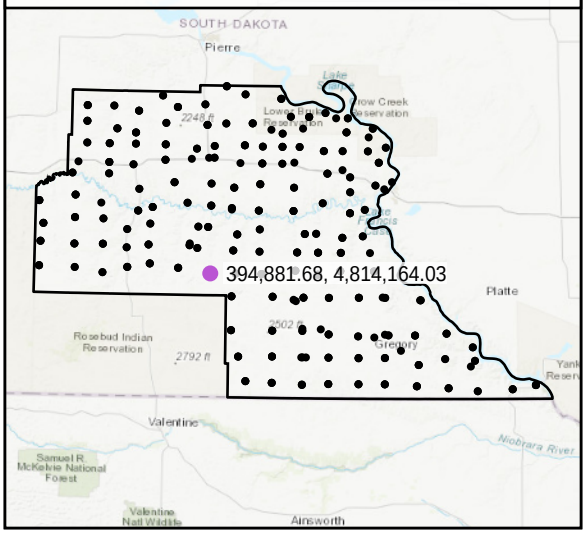
CAL - CAL042

Raw TIN Dz -0.01 m

CAL043

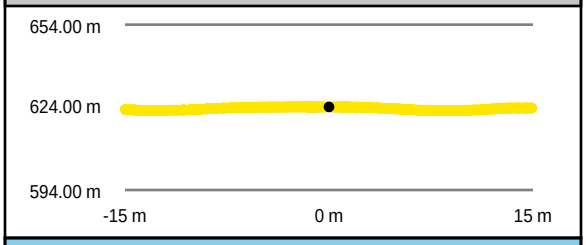
Known Z	624.15 m	Point Density	5.23 ppsm
DEM Dz	-0.02 m	Ground Density	5.23 ppsm
Raw TIN Dz	-0.02 m	Slope	1.52 °

Project Context

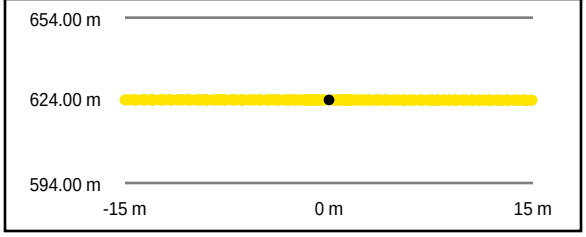


World Imagery

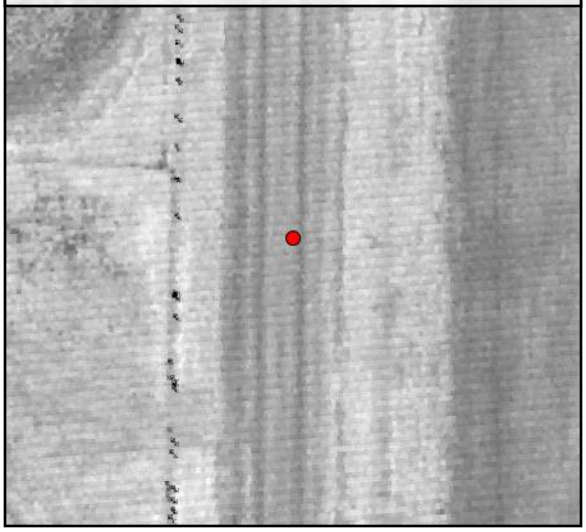
West to East



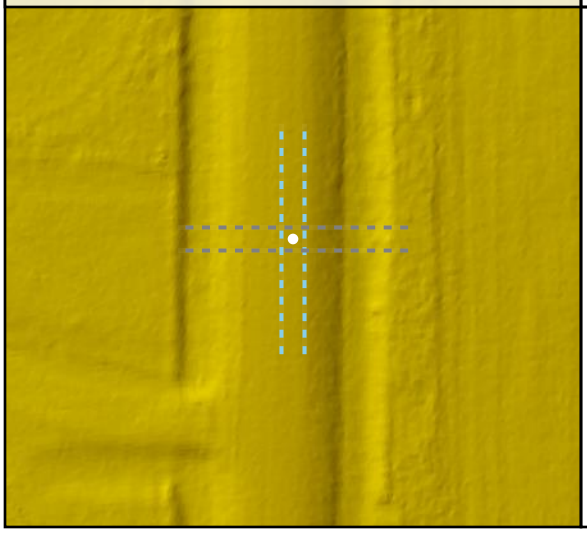
South to North



Intensity Raster

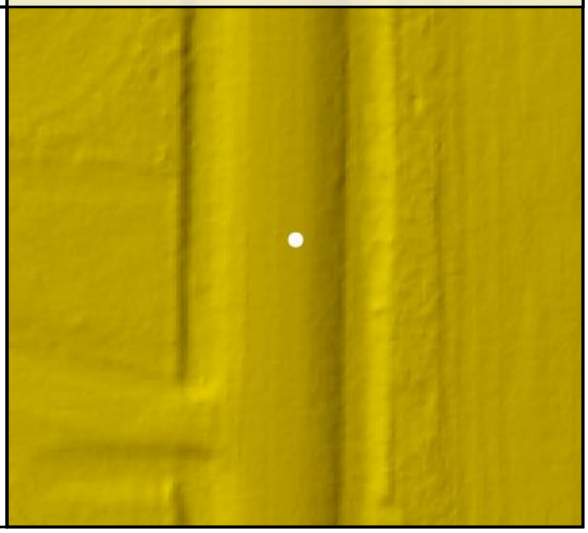


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

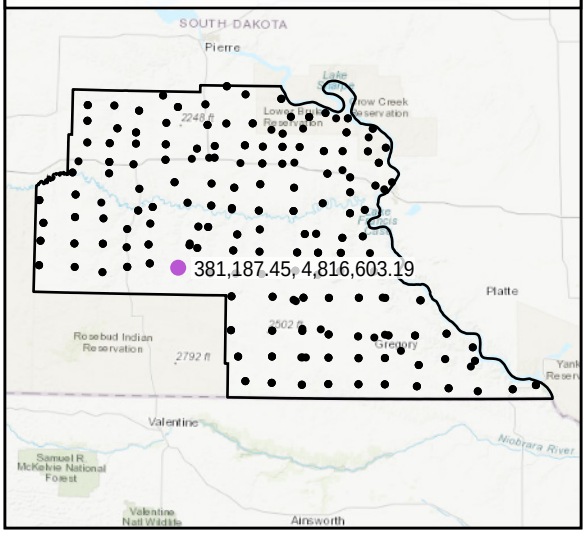
CAL - CAL043

Raw TIN Dz -0.02 m

CAL044

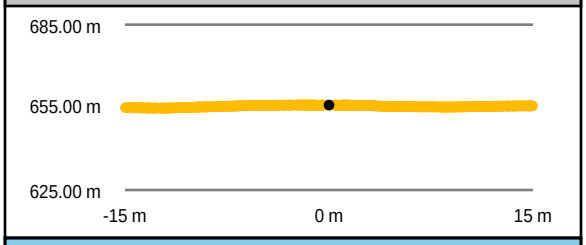
Known Z	655.82 m	Point Density	4.67 ppsm
DEM Dz	-0.05 m	Ground Density	4.67 ppsm
Raw TIN Dz	-0.05 m	Slope	2.00 °

Project Context

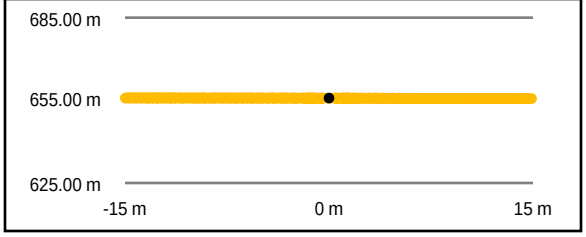


World Imagery

Southeast to Northwest

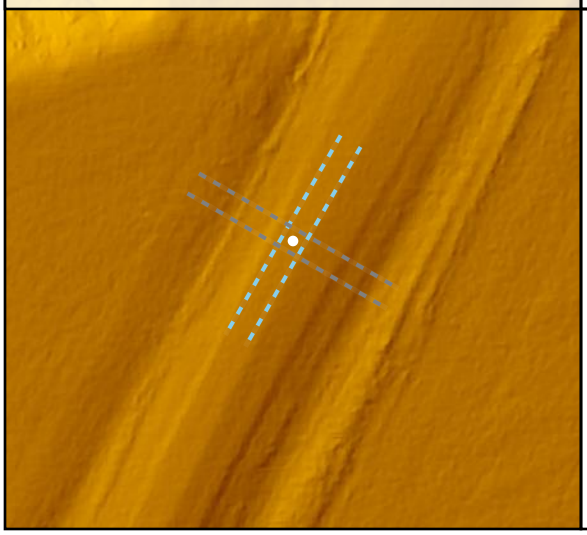


Southwest to Northeast



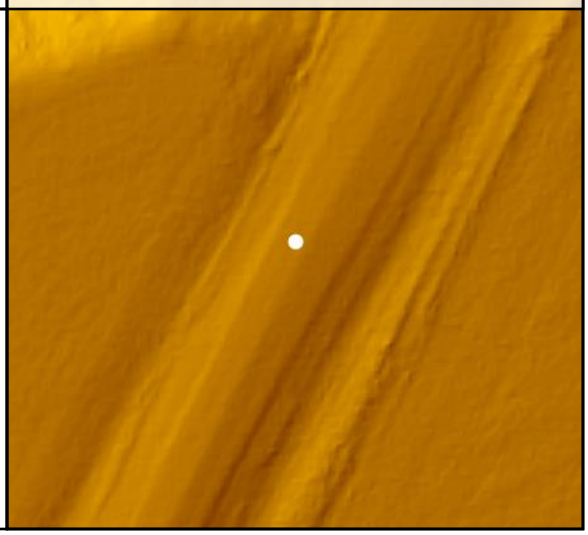
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

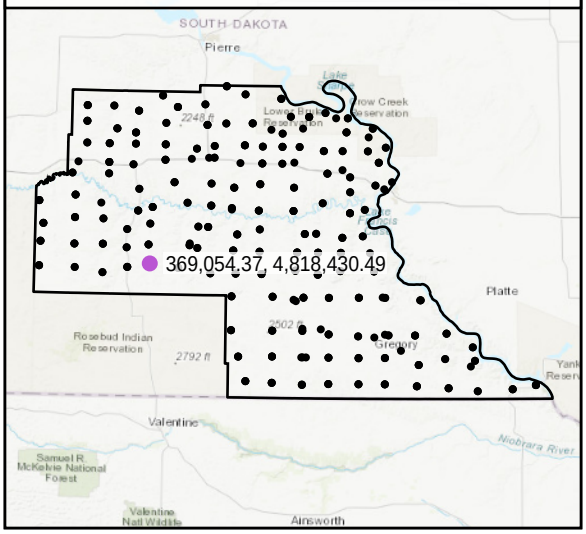
CAL - CAL044

Raw TIN Dz -0.05 m

CAL045

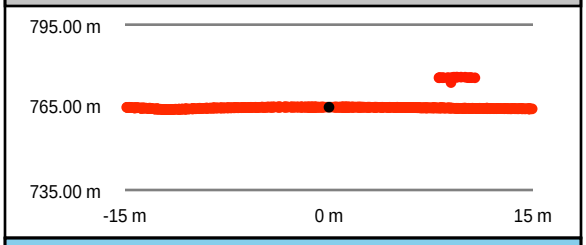
Known Z	765.06 m	Point Density	5.13 ppsm
DEM Dz	0.02 m	Ground Density	5.13 ppsm
Raw TIN Dz	0.02 m	Slope	1.20 °

Project Context

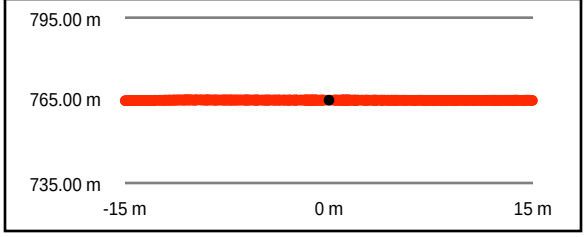


World Imagery

Southwest to Northeast

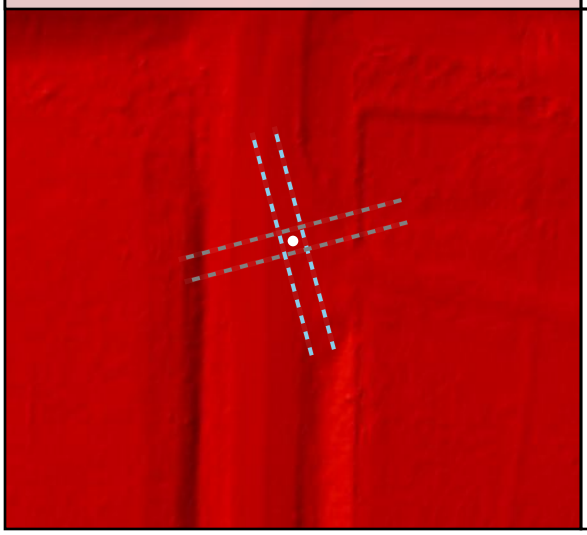


Southeast to Northwest



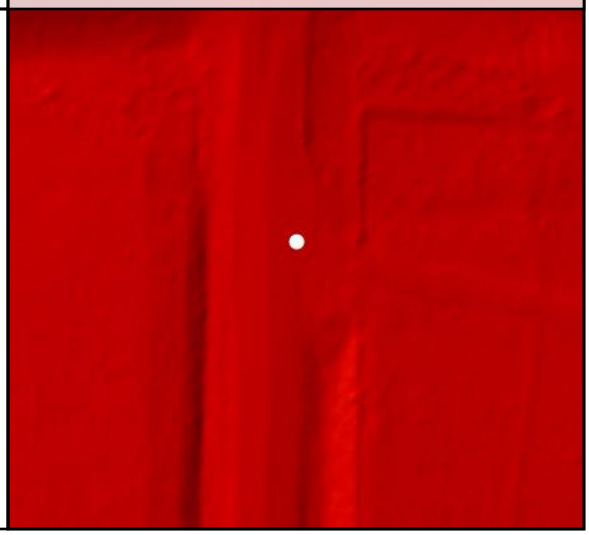
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

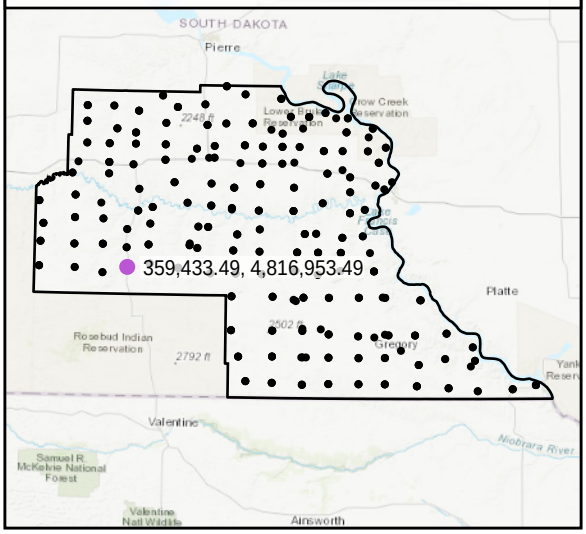
CAL - CAL045

Raw TIN Dz +0.02 m

CAL046

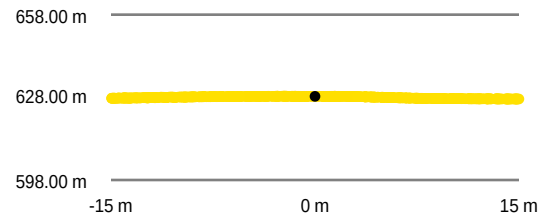
Known Z	628.35 m	Point Density	5.66 ppsm
DEM Dz	0.00 m	Ground Density	5.66 ppsm
Raw TIN Dz	0.00 m	Slope	0.70 °

Project Context

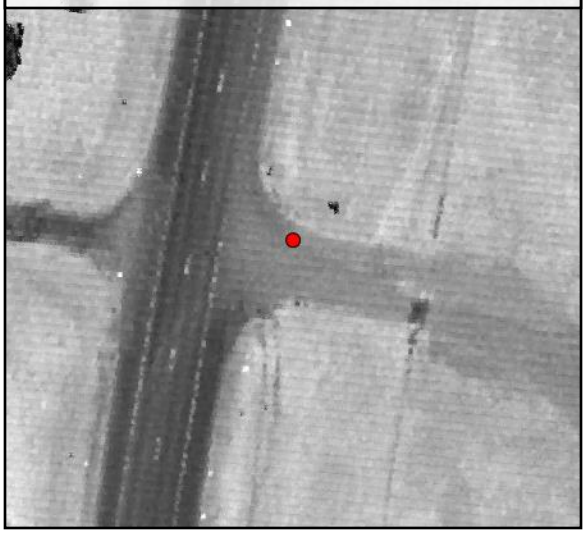


World Imagery

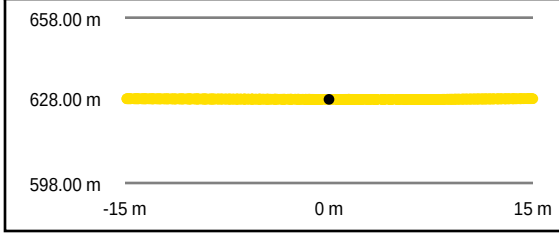
Southwest to Northeast



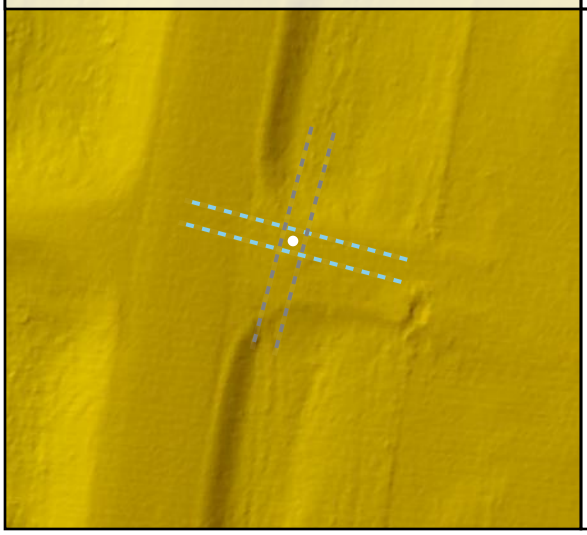
Intensity Raster



Southeast to Northwest



TIN Surface

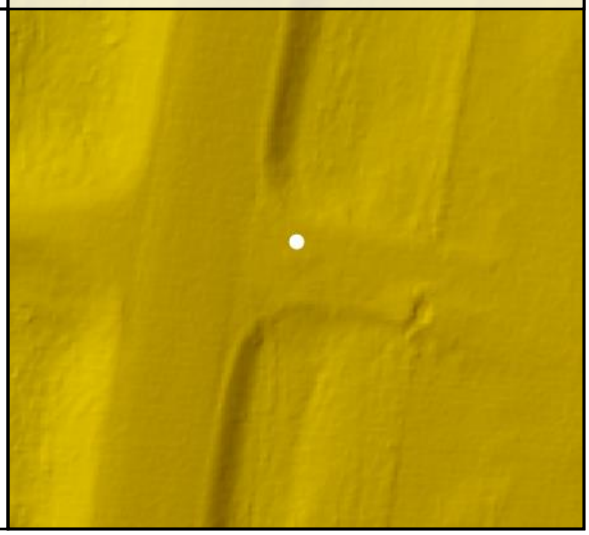


Project Elevation

795.78

413.64

DEM Surface



DEM Dz 0.00 m

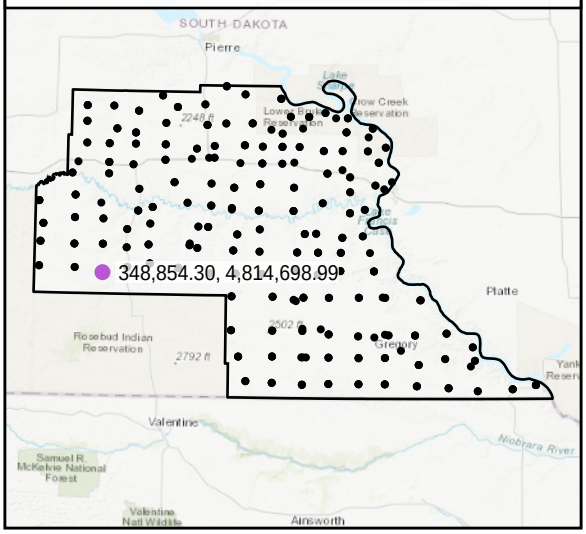
CAL - CAL046

Raw TIN Dz +0.00 m

CAL047

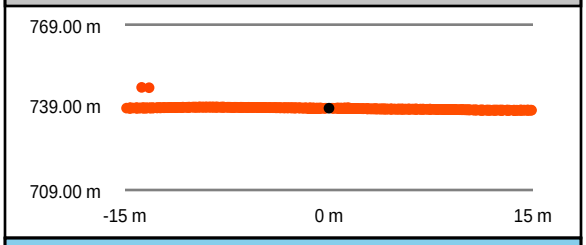
Known Z	738.69 m	Point Density	4.70 ppsm
DEM Dz	-0.02 m	Ground Density	4.70 ppsm
Raw TIN Dz	-0.02 m	Slope	4.07 °

Project Context

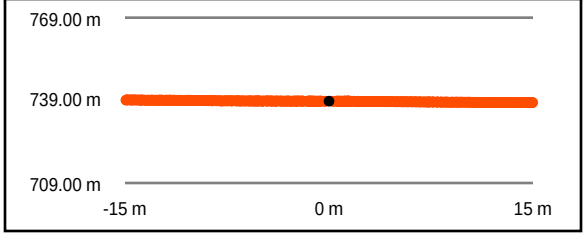


World Imagery

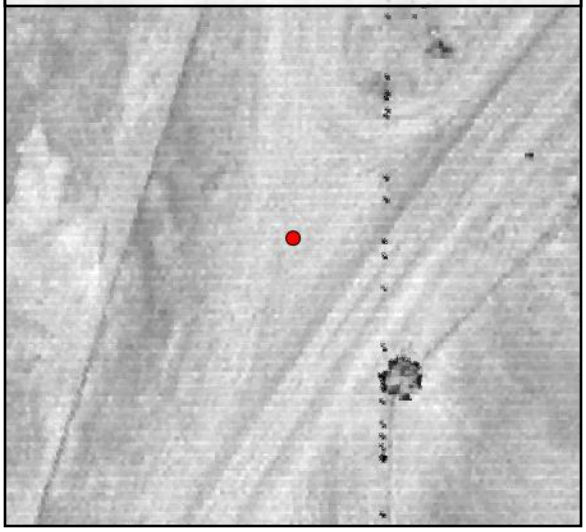
Southeast to Northwest



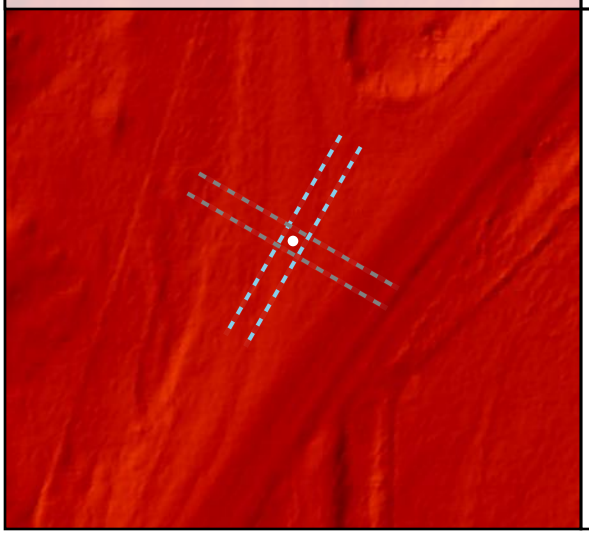
Southwest to Northeast



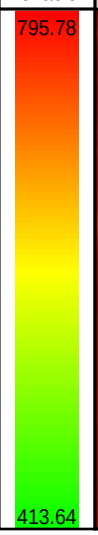
Intensity Raster



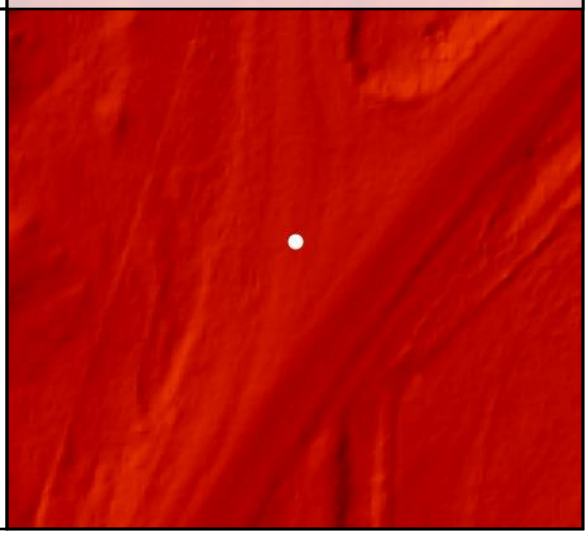
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.02 m

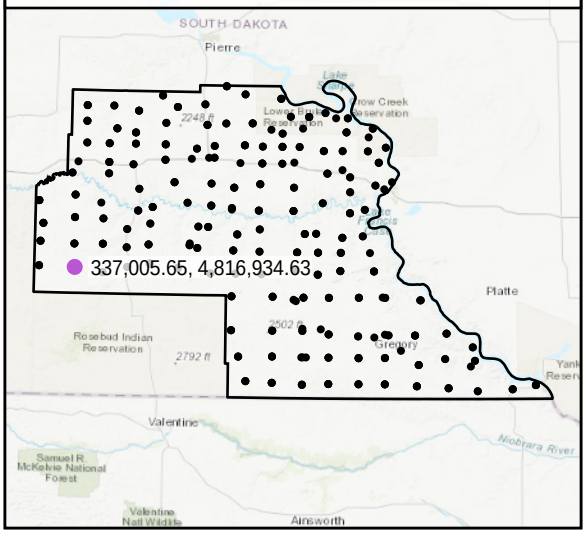
CAL - CAL047

Raw TIN Dz -0.02 m

CAL048

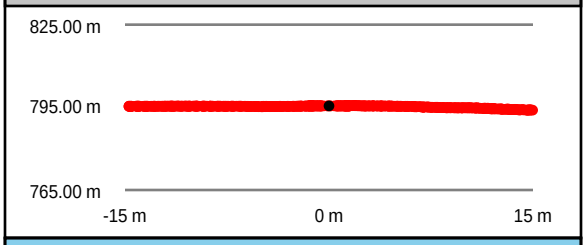
Known Z	795.52 m	Point Density	5.48 ppsm
DEM Dz	0.00 m	Ground Density	5.48 ppsm
Raw TIN Dz	0.00 m	Slope	2.46 °

Project Context

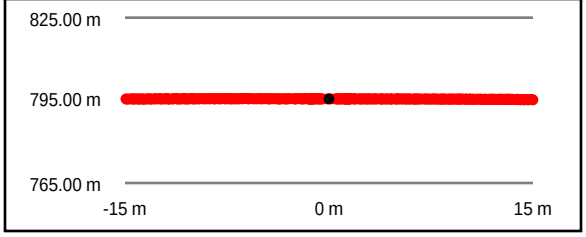


World Imagery

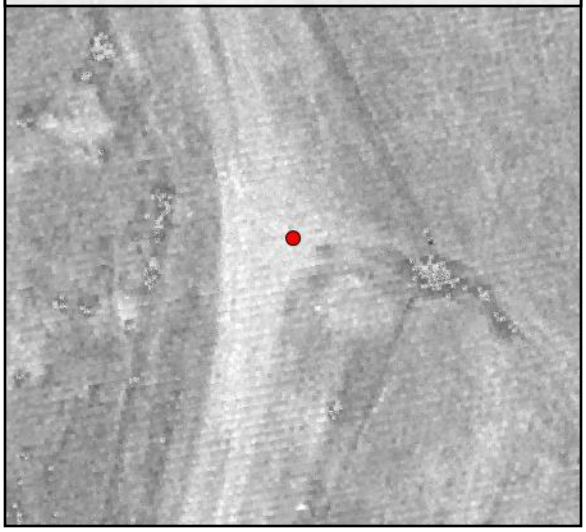
Southeast to Northwest



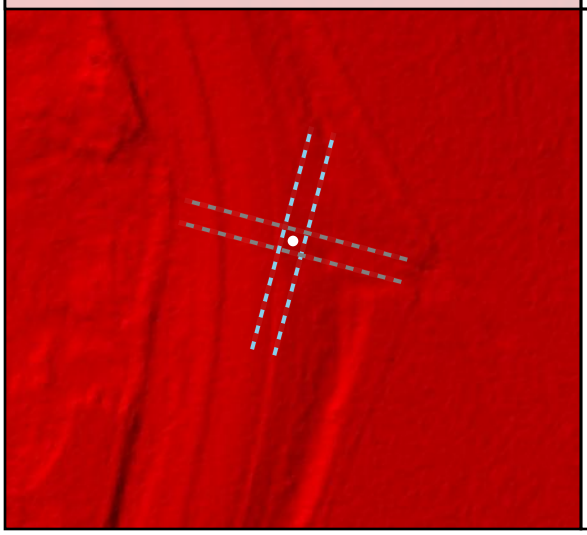
Southwest to Northeast



Intensity Raster

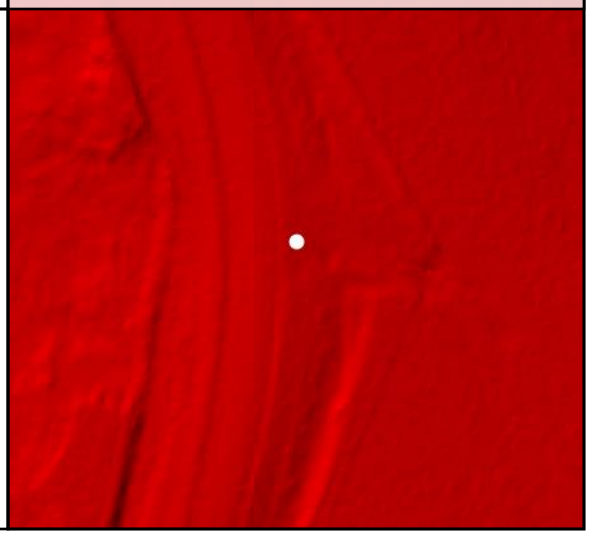


TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

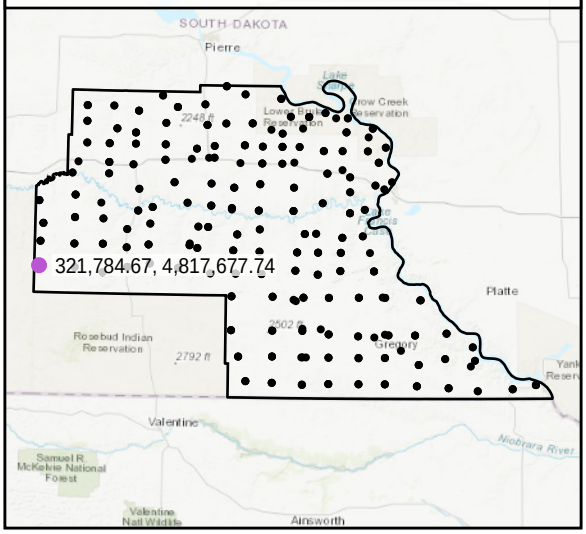
CAL - CAL048

Raw TIN Dz 0.00 m

CAL049

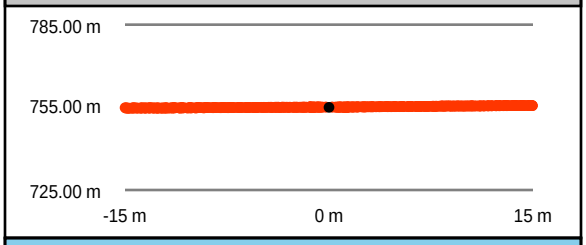
Known Z	754.99 m	Point Density	5.02 ppsm
DEM Dz	0.09 m	Ground Density	5.02 ppsm
Raw TIN Dz	0.09 m	Slope	2.30 °

Project Context

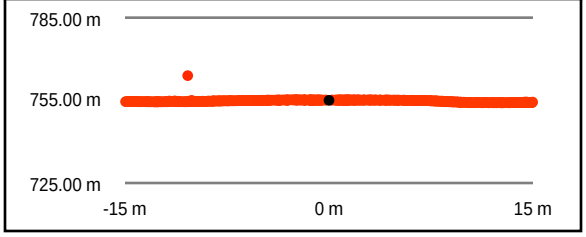


World Imagery

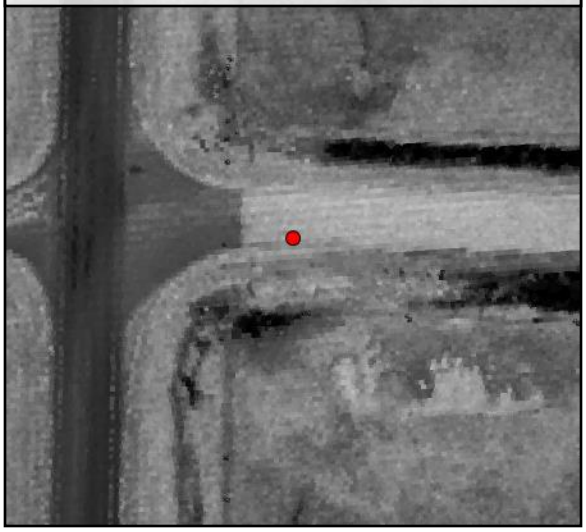
Southeast to Northwest



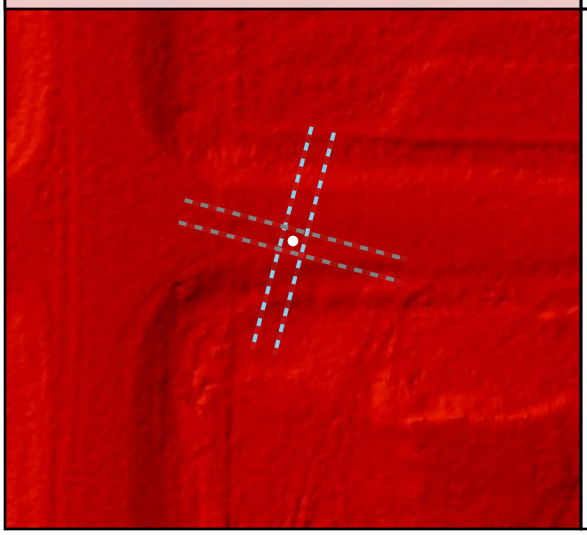
Southwest to Northeast



Intensity Raster



TIN Surface

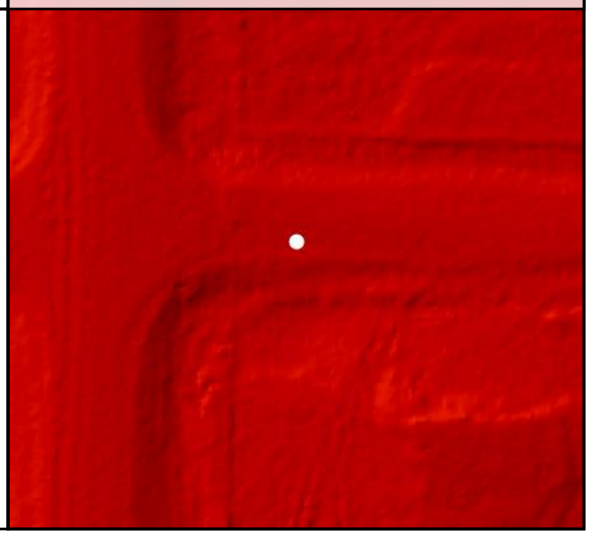


Project Elevation

795.78

413.64

DEM Surface



DEM Dz +0.09 m

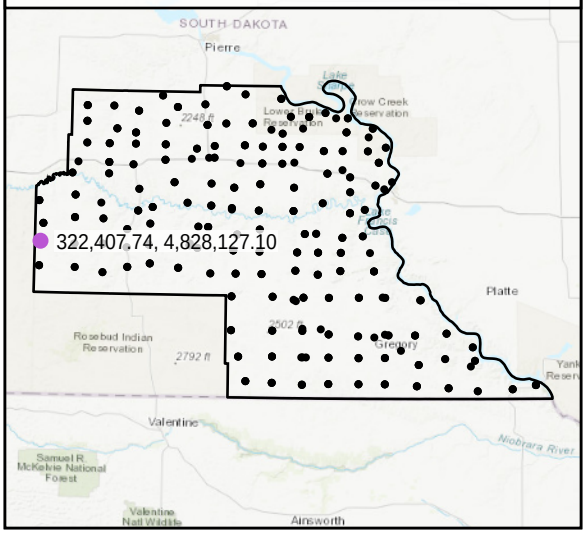
CAL - CAL049

Raw TIN Dz +0.09 m

CAL050

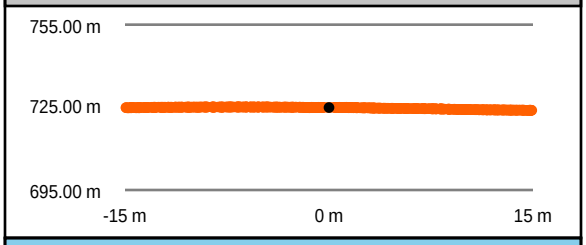
Known Z	724.92 m	Point Density	4.49 ppsm
DEM Dz	0.04 m	Ground Density	4.49 ppsm
Raw TIN Dz	0.04 m	Slope	3.52 °

Project Context

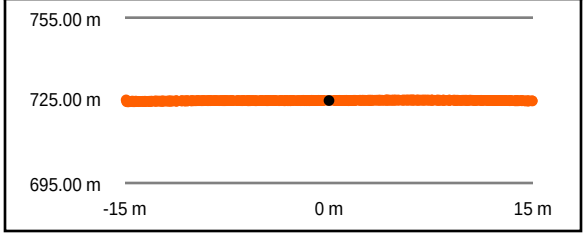


World Imagery

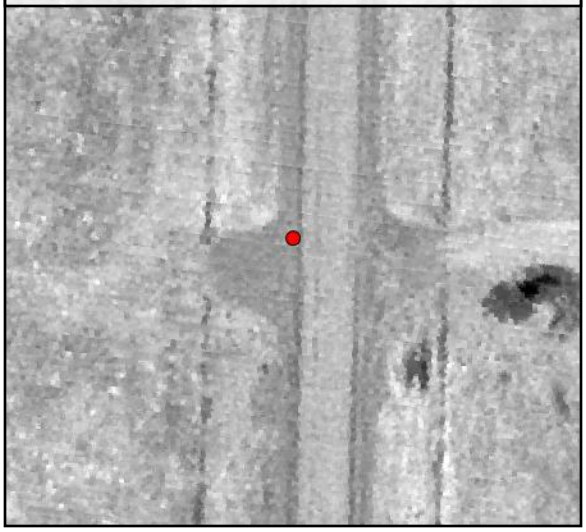
Southeast to Northwest



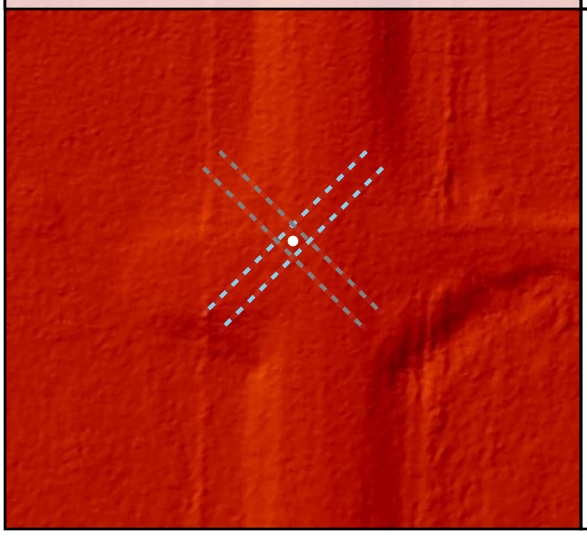
Southwest to Northeast



Intensity Raster

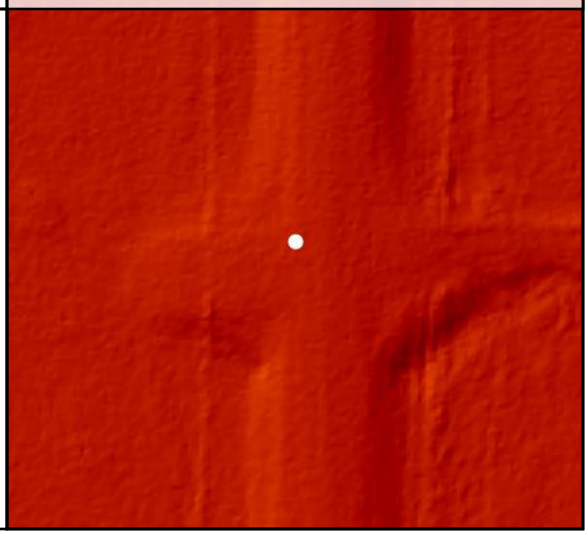


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

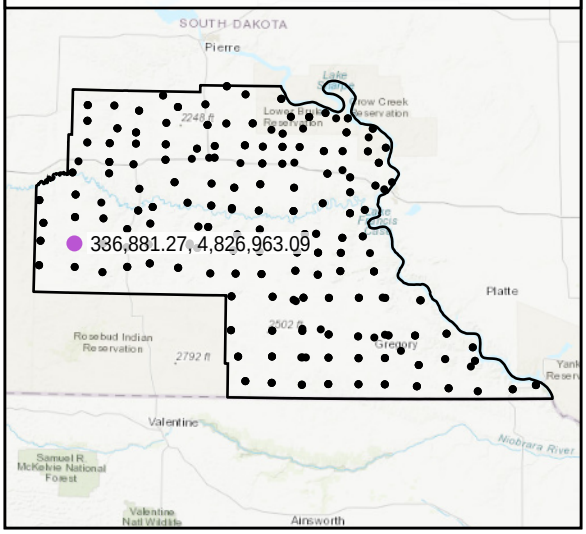
CAL - CAL050

Raw TIN Dz +0.04 m

CAL051

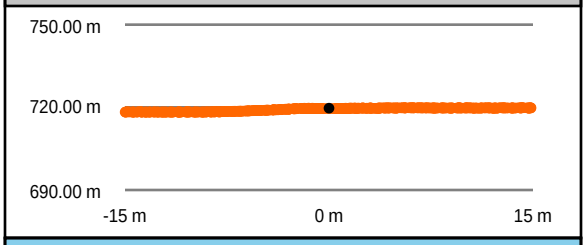
Known Z	719.69 m	Point Density	4.42 ppsm
DEM Dz	-0.15 m	Ground Density	3.75 ppsm
Raw TIN Dz	-0.15 m	Slope	1.56 °

Project Context

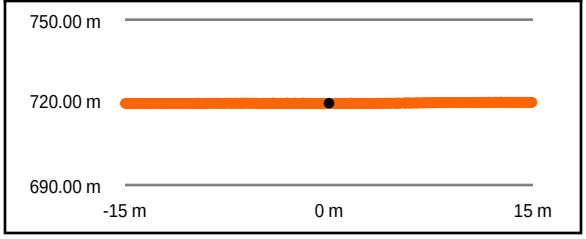


World Imagery

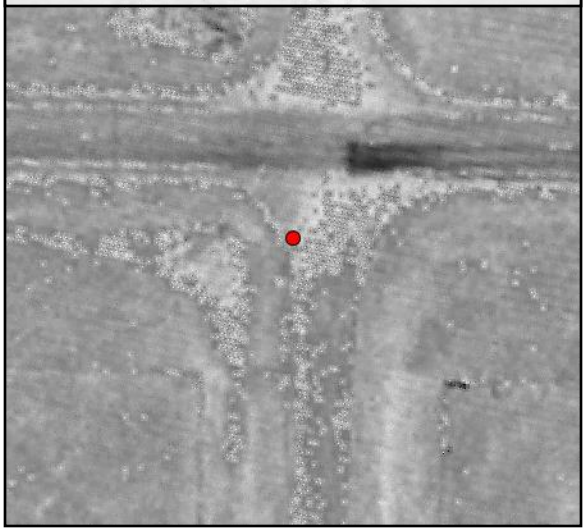
Southwest to Northeast



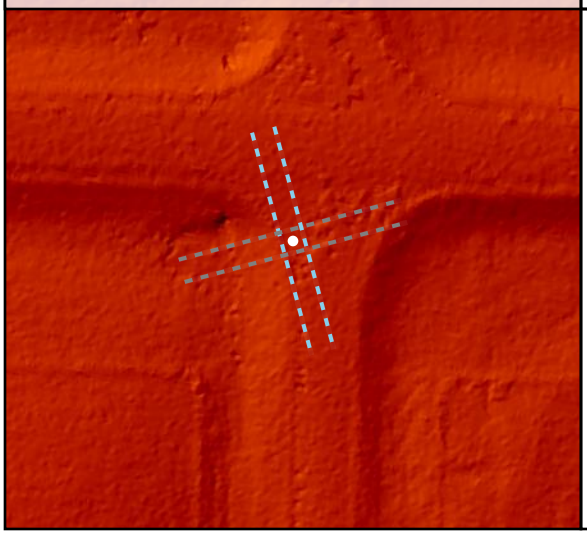
Southeast to Northwest



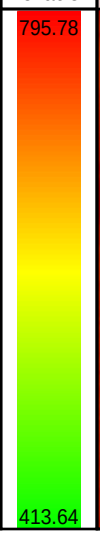
Intensity Raster



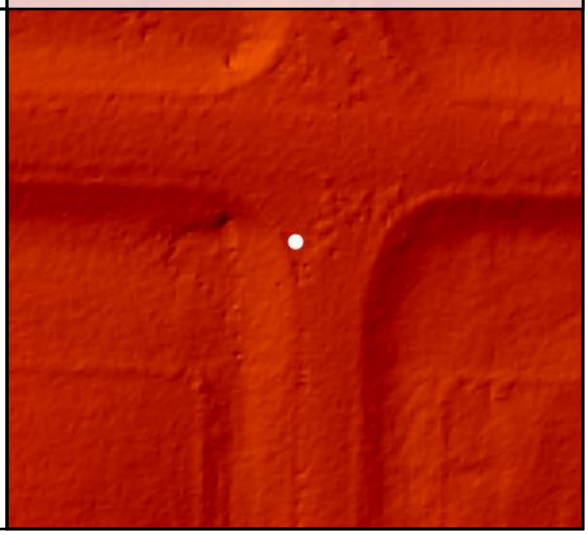
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.15 m

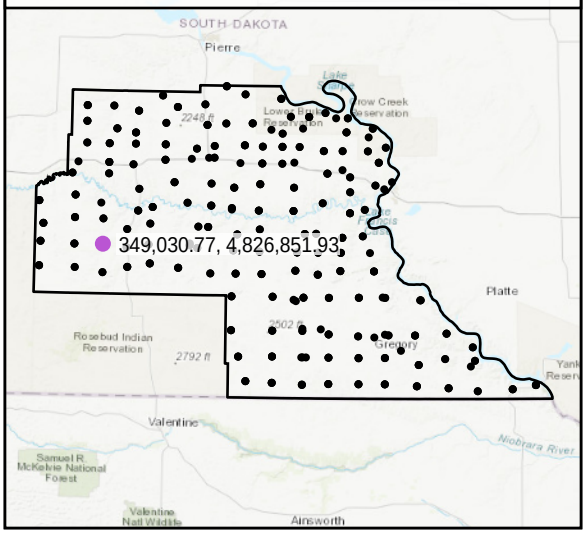
CAL - CAL051

Raw TIN Dz -0.15 m

CAL052

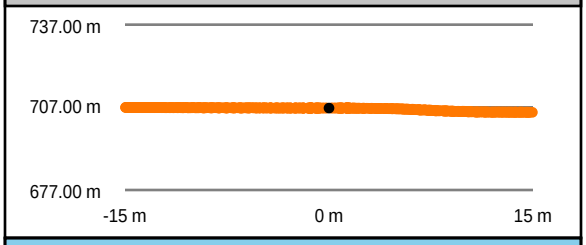
Known Z	706.73 m	Point Density	5.13 ppsm
DEM Dz	0.01 m	Ground Density	5.13 ppsm
Raw TIN Dz	0.02 m	Slope	1.25 °

Project Context

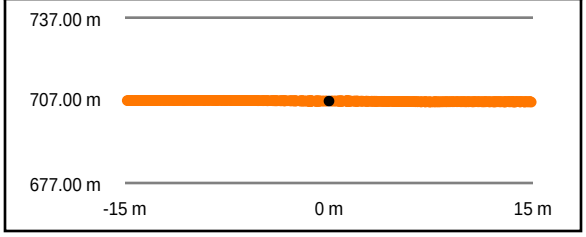


World Imagery

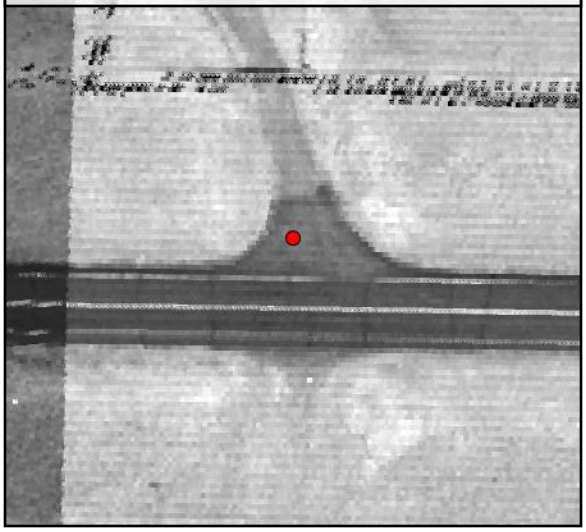
Southeast to Northwest



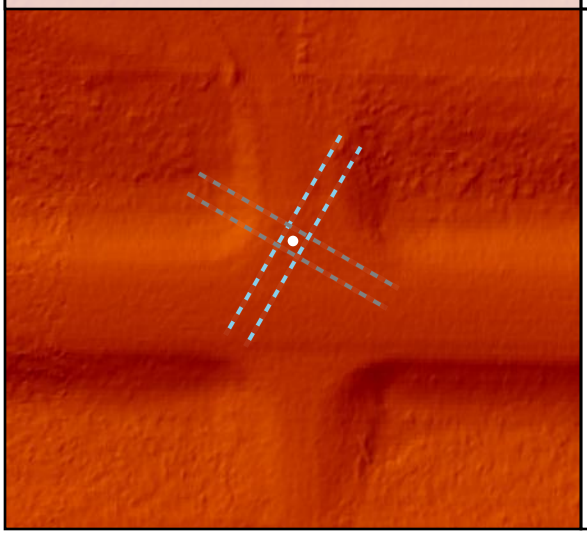
Southwest to Northeast



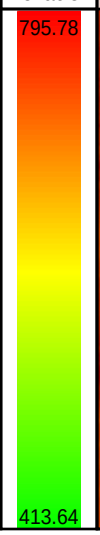
Intensity Raster



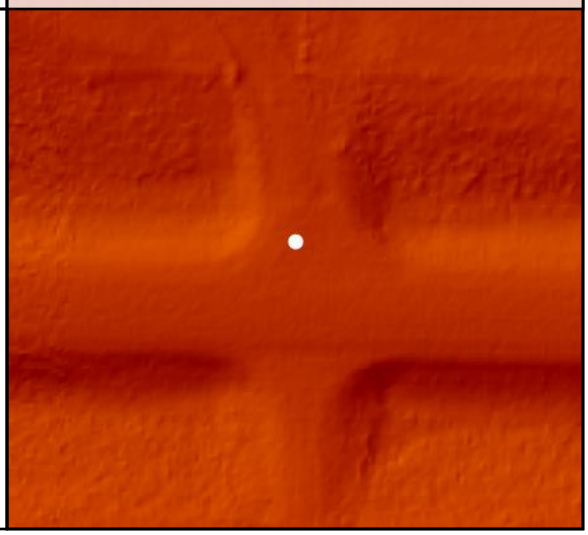
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.01 m

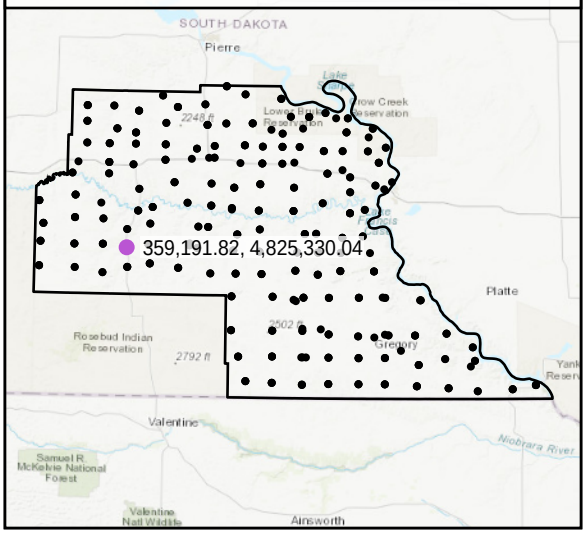
CAL - CAL052

Raw TIN Dz +0.02 m

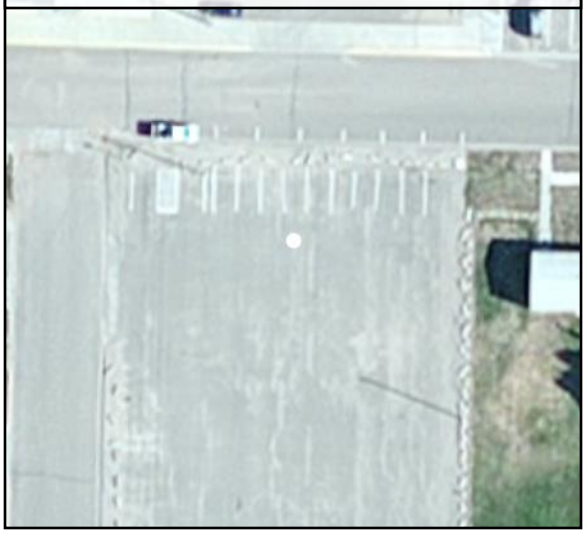
CAL053

Known Z	650.88 m	Point Density	5.27 ppsm
DEM Dz	0.05 m	Ground Density	5.27 ppsm
Raw TIN Dz	0.05 m	Slope	0.79 °

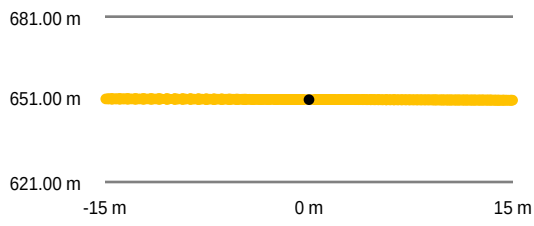
Project Context



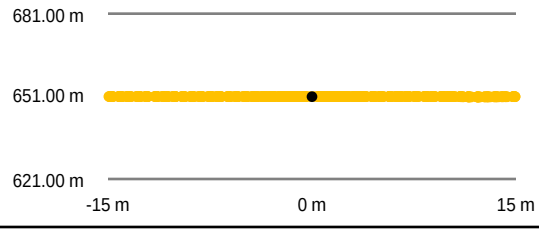
World Imagery



West to East

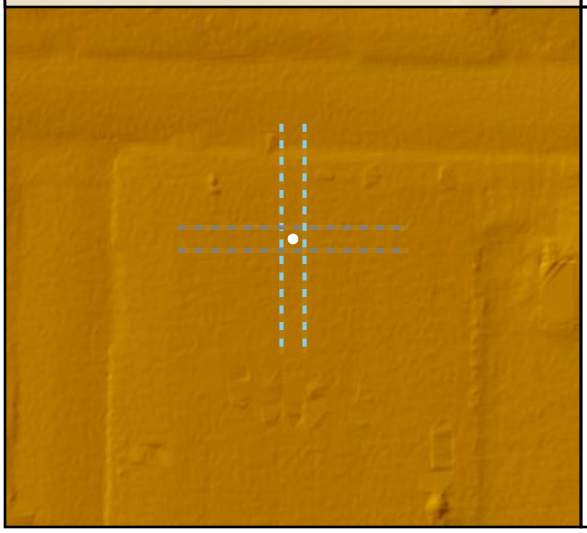


South to North



Intensity Raster

TIN Surface

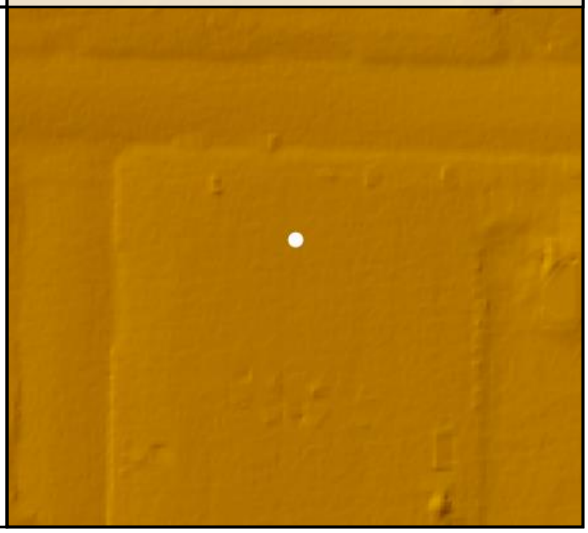


Project Elevation

795.78

413.64

DEM Surface



DEM Dz +0.05 m

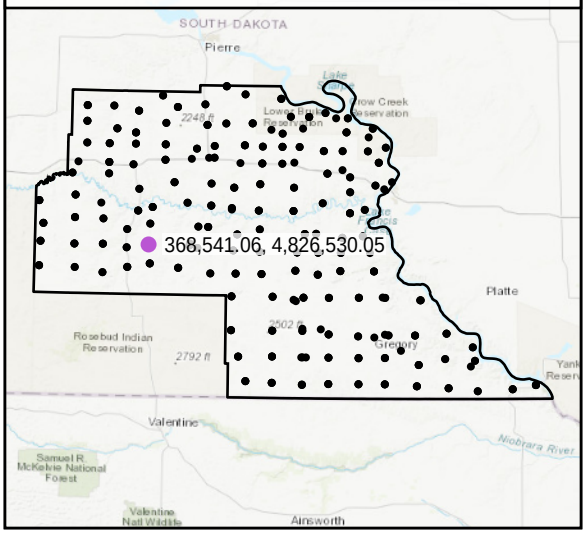
CAL - CAL053

Raw TIN Dz +0.05 m

CAL054

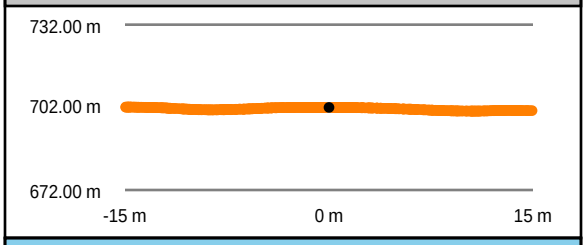
Known Z	701.97 m	Point Density	4.31 ppsm
DEM Dz	-0.03 m	Ground Density	4.31 ppsm
Raw TIN Dz	-0.03 m	Slope	0.95 °

Project Context

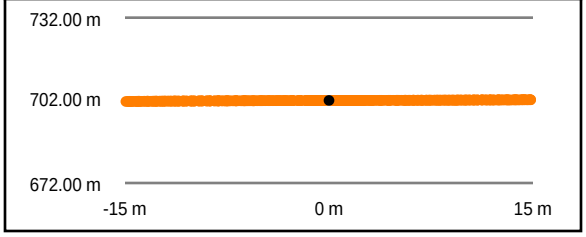


World Imagery

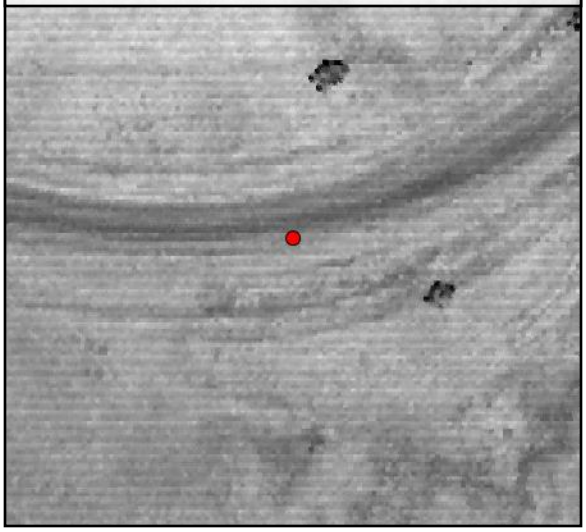
Southeast to Northwest



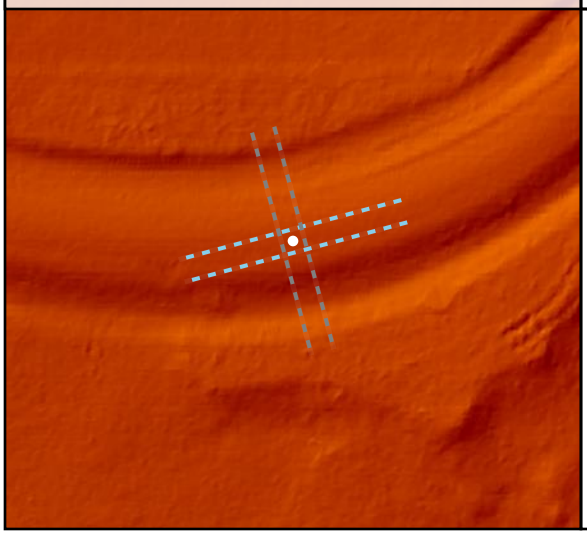
Southwest to Northeast



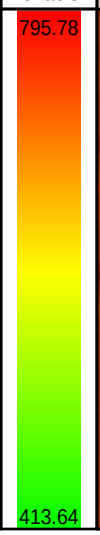
Intensity Raster



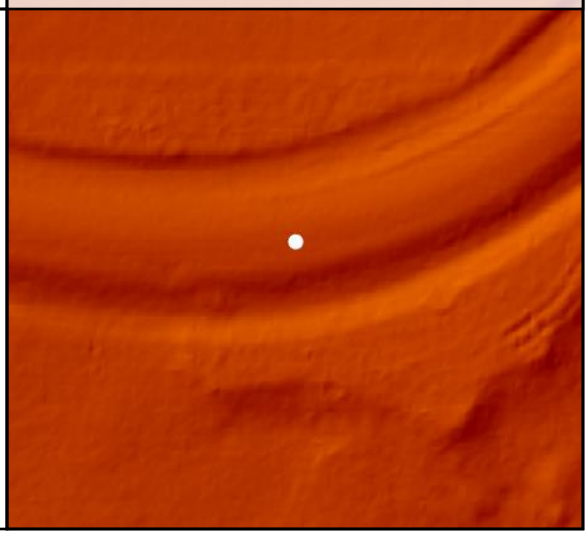
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.03 m

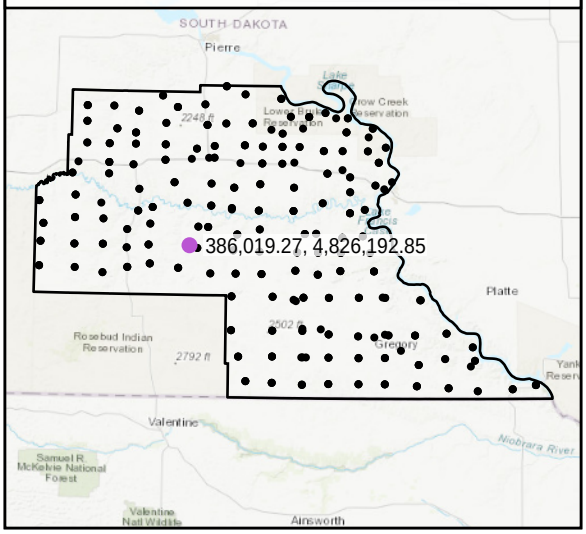
CAL - CAL054

Raw TIN Dz -0.03 m

CAL055

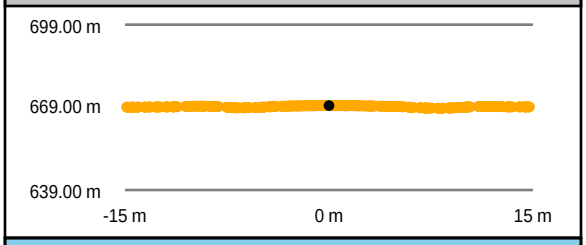
Known Z	669.63 m	Point Density	5.06 ppsm
DEM Dz	-0.03 m	Ground Density	5.06 ppsm
Raw TIN Dz	-0.03 m	Slope	1.57 °

Project Context

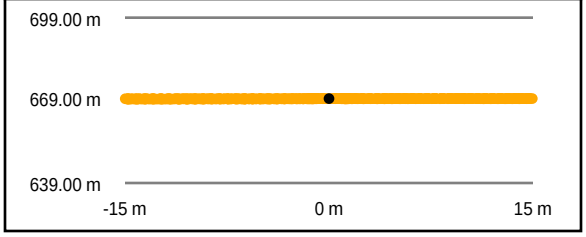


World Imagery

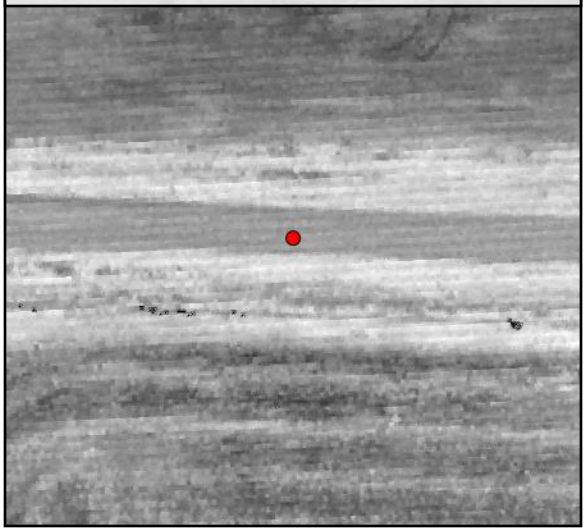
South to North



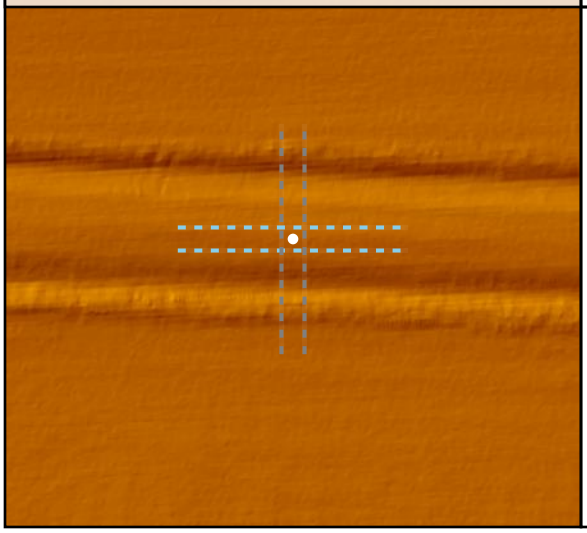
West to East



Intensity Raster

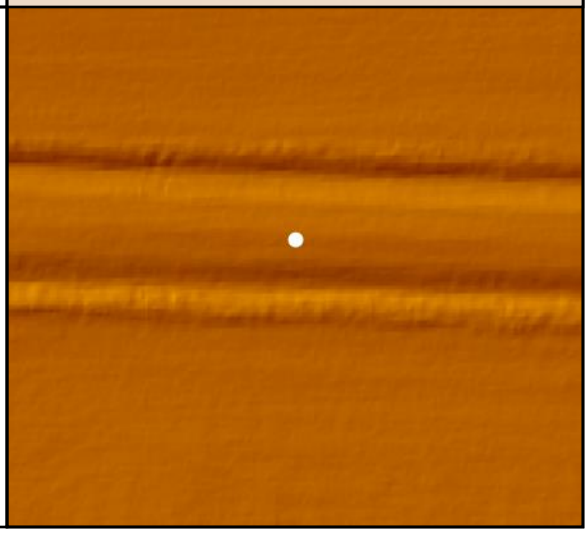


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

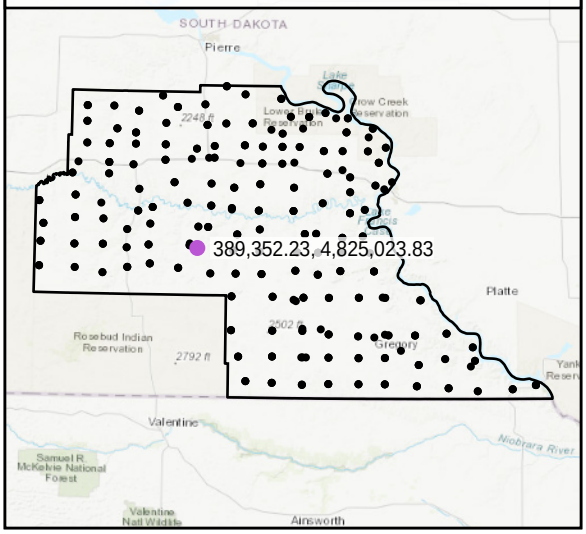
CAL - CAL055

Raw TIN Dz -0.03 m

CAL056

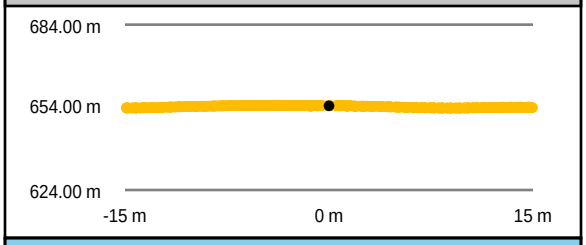
Known Z	654.55 m	Point Density	4.28 ppsm
DEM Dz	0.07 m	Ground Density	4.28 ppsm
Raw TIN Dz	0.07 m	Slope	4.50 °

Project Context

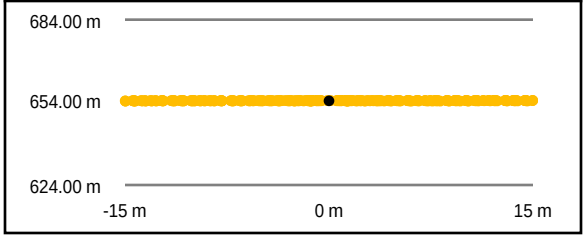


World Imagery

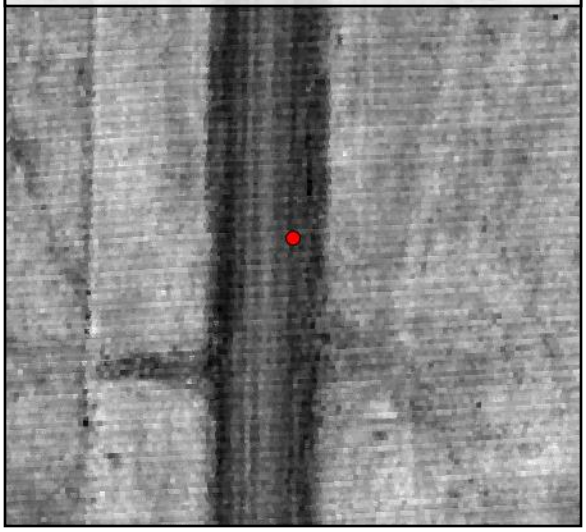
West to East



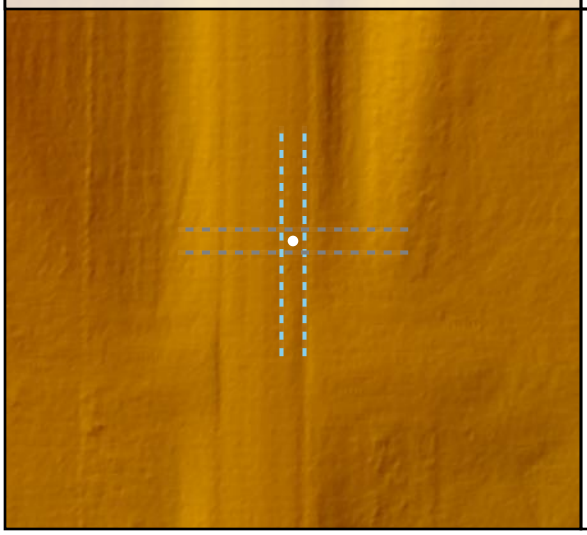
South to North



Intensity Raster

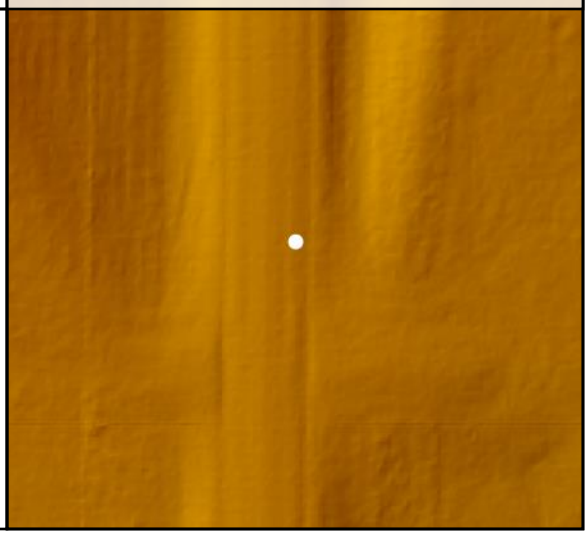


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.07 m

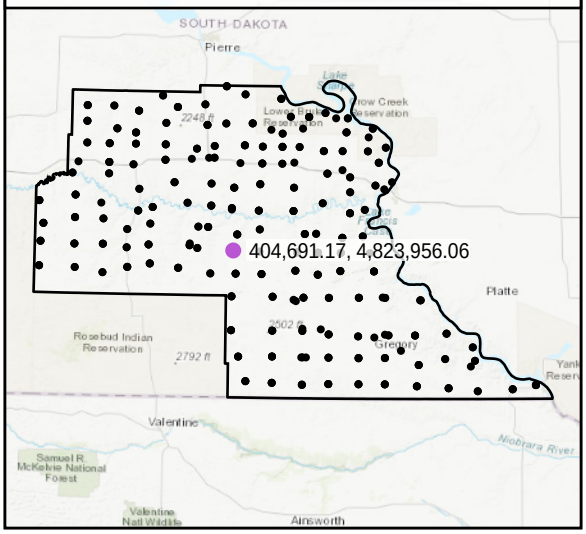
CAL - CAL056

Raw TIN Dz +0.07 m

CAL057

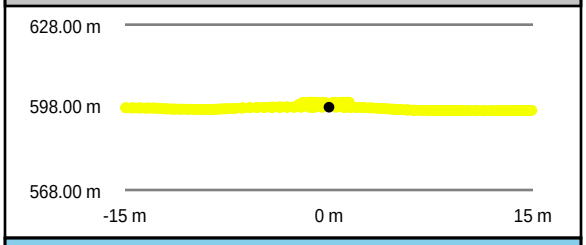
Known Z	598.05 m	Point Density	3.15 ppsm
DEM Dz	0.02 m	Ground Density	2.05 ppsm
Raw TIN Dz	0.02 m	Slope	0.73 °

Project Context

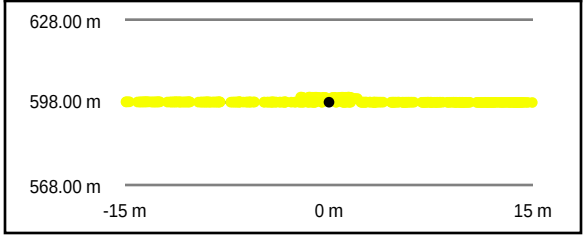


World Imagery

West to East

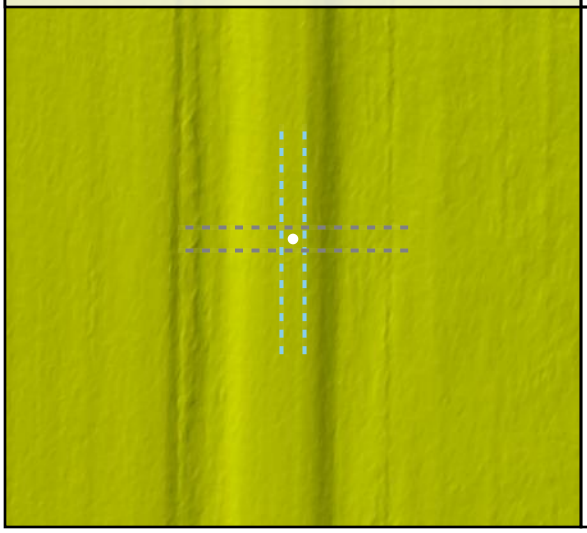


South to North



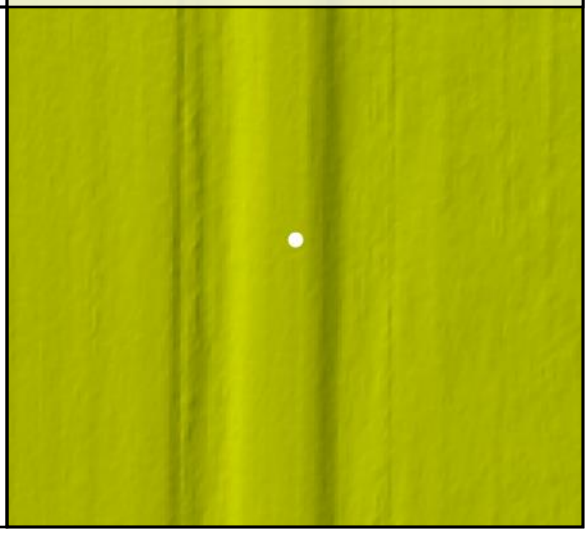
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

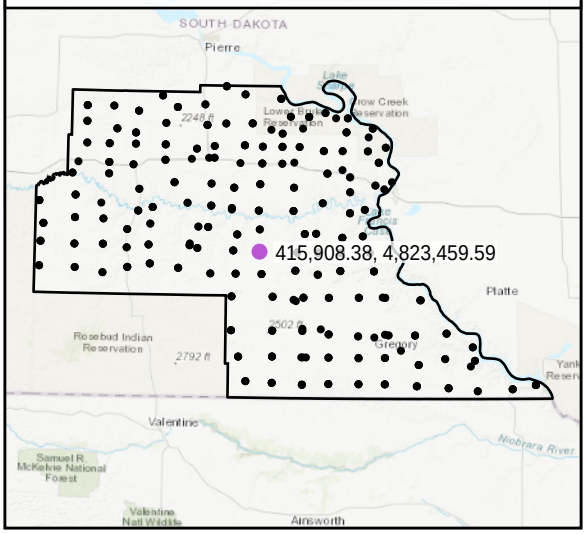
CAL - CAL057

Raw TIN Dz +0.02 m

CAL058

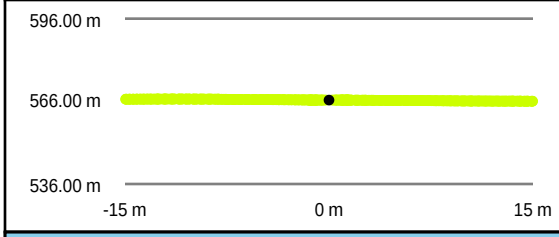
Known Z	566.45 m	Point Density	5.23 ppsm
DEM Dz	0.01 m	Ground Density	5.23 ppsm
Raw TIN Dz	0.01 m	Slope	1.44 °

Project Context

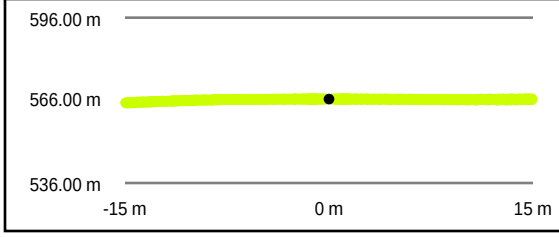


World Imagery

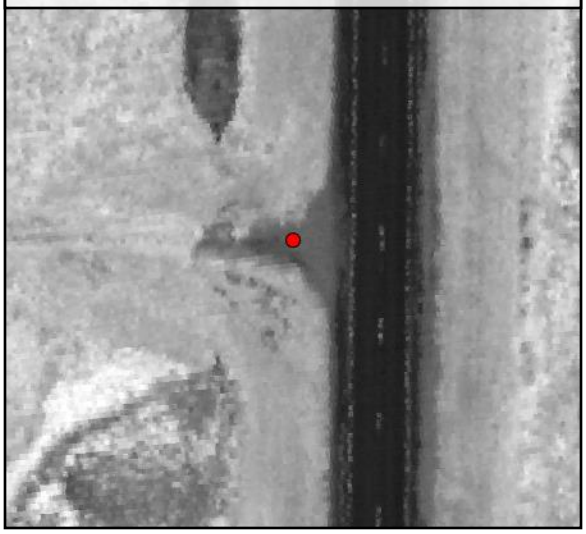
Southeast to Northwest



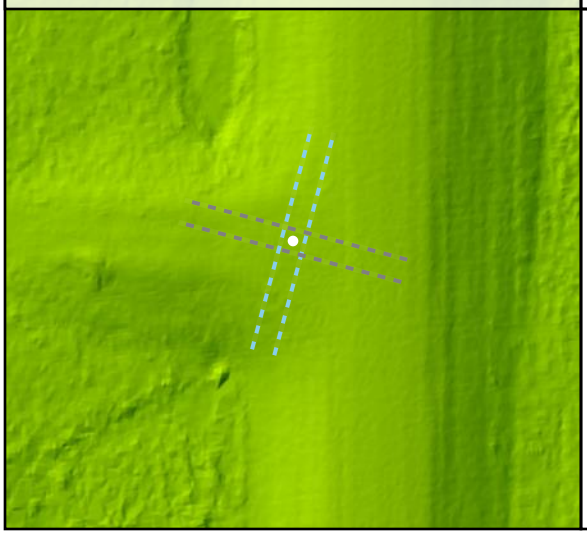
Southwest to Northeast



Intensity Raster

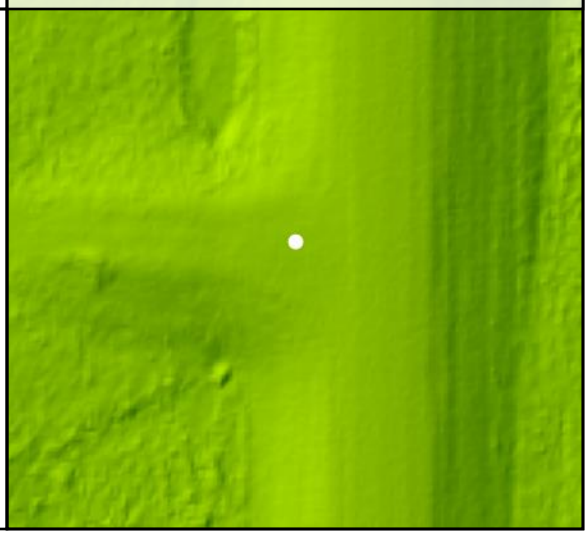


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

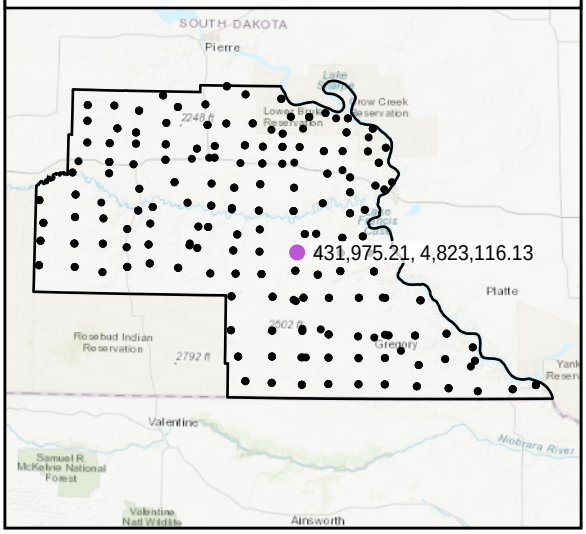
CAL - CAL058

Raw TIN Dz +0.01 m

CAL059

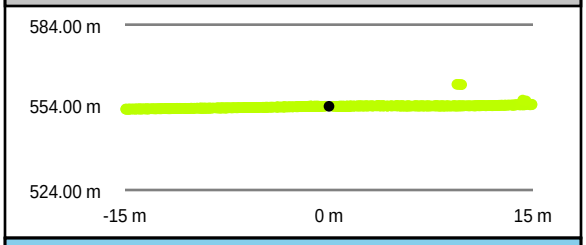
Known Z	554.38 m	Point Density	4.99 ppsm
DEM Dz	0.01 m	Ground Density	4.99 ppsm
Raw TIN Dz	0.01 m	Slope	3.56 °

Project Context

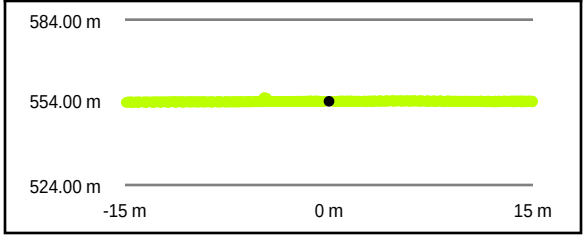


World Imagery

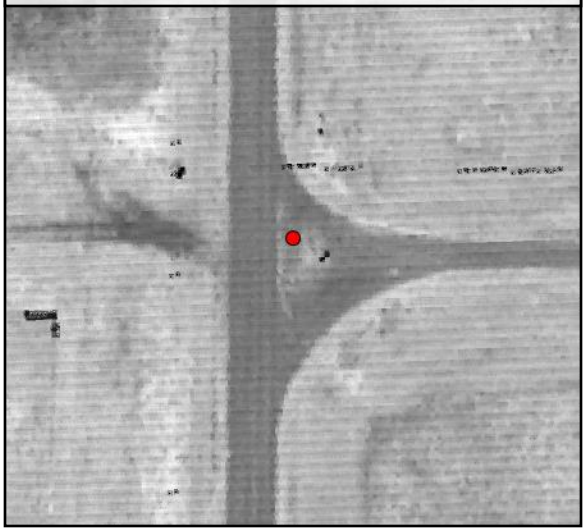
Southwest to Northeast



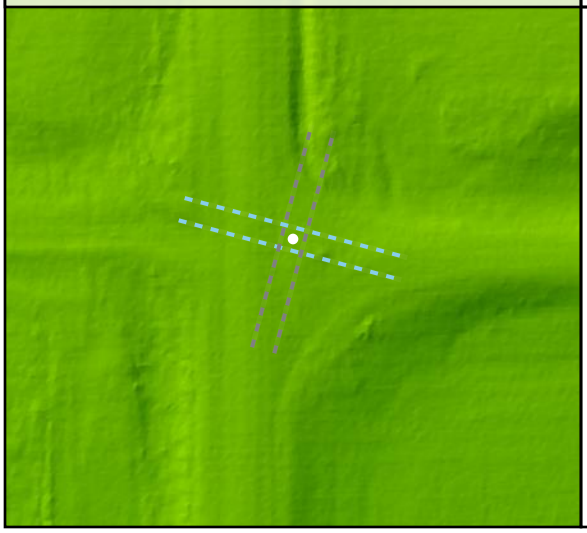
Southeast to Northwest



Intensity Raster

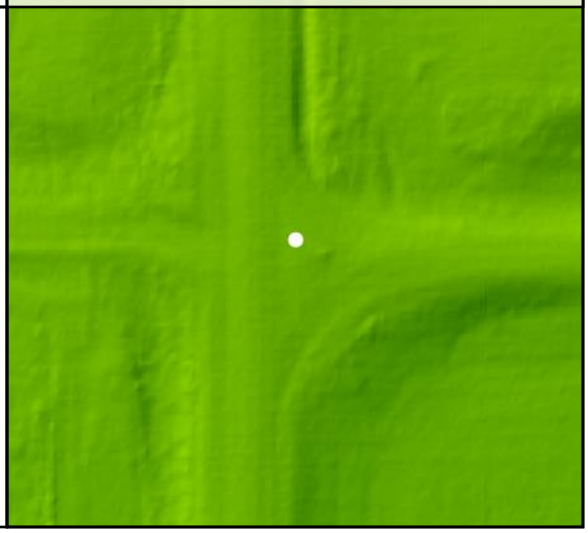


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

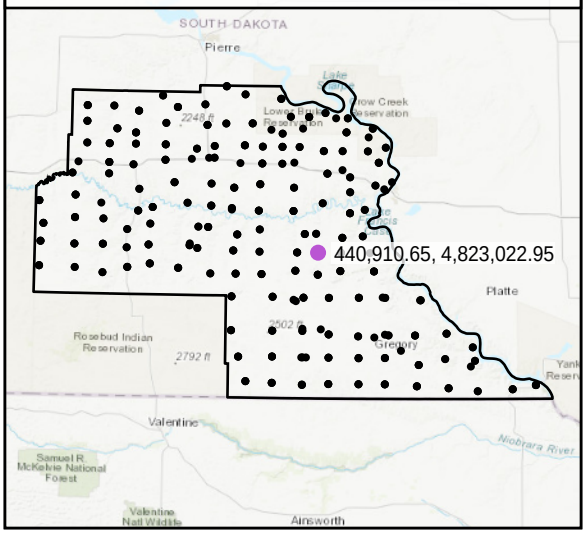
CAL - CAL059

Raw TIN Dz +0.01 m

CAL060

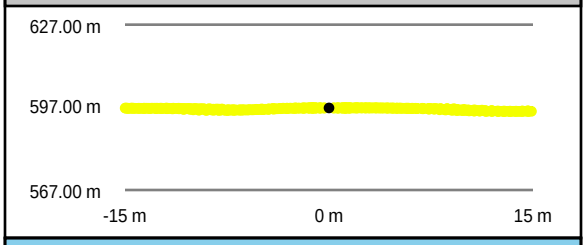
Known Z	596.78 m	Point Density	4.49 ppsm
DEM Dz	-0.01 m	Ground Density	4.49 ppsm
Raw TIN Dz	-0.01 m	Slope	1.79 °

Project Context

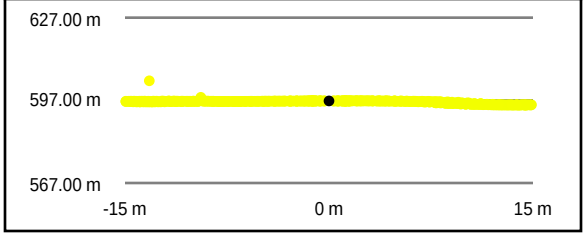


World Imagery

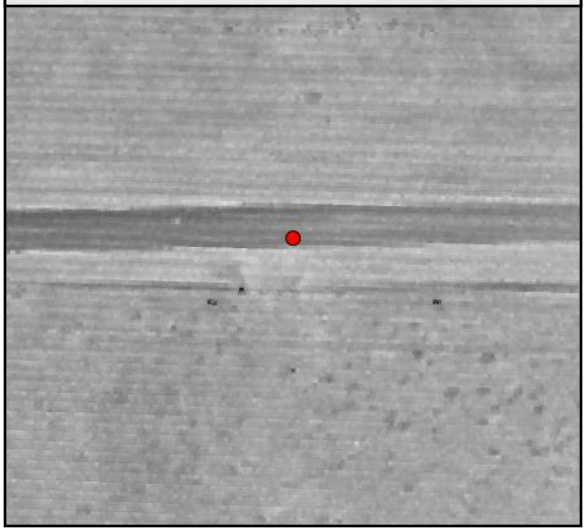
Southeast to Northwest



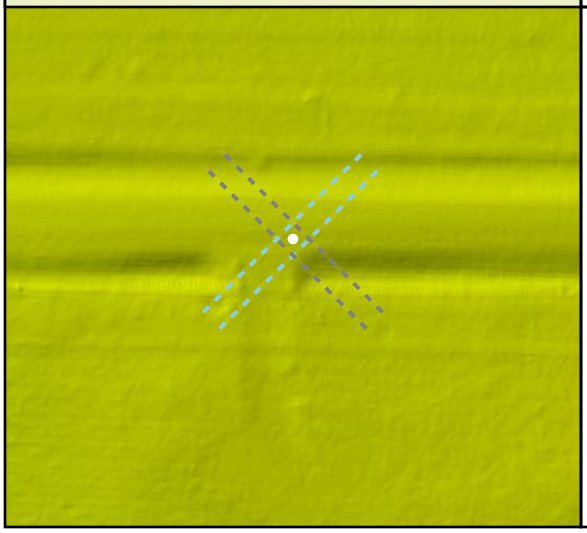
Southwest to Northeast



Intensity Raster

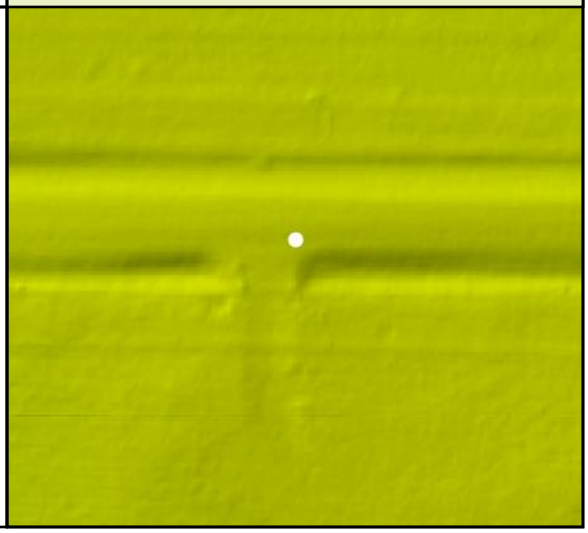


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

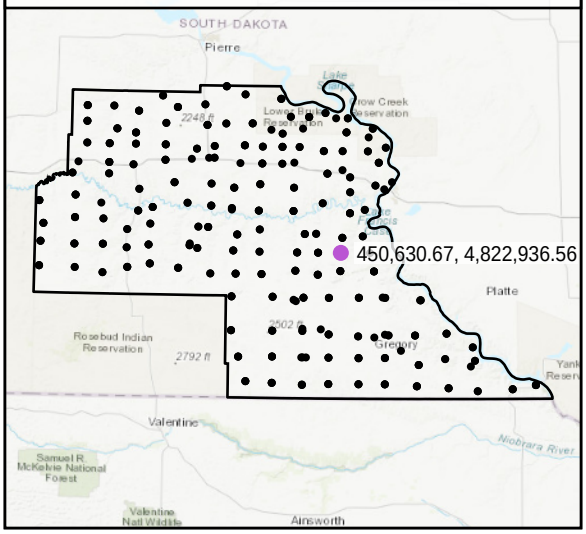
CAL - CAL060

Raw TIN Dz -0.01 m

CAL061

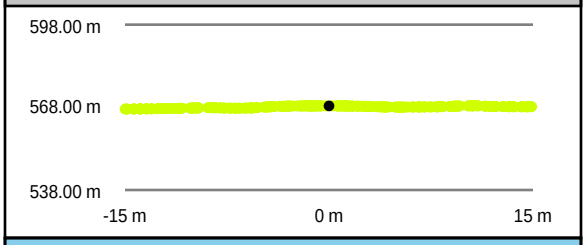
Known Z	568.52 m	Point Density	4.85 ppsm
DEM Dz	0.00 m	Ground Density	4.85 ppsm
Raw TIN Dz	0.00 m	Slope	2.11 °

Project Context

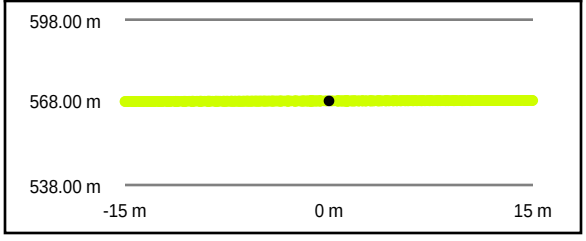


World Imagery

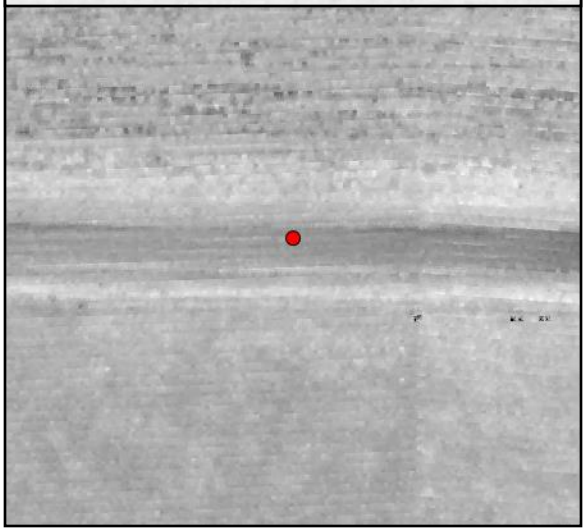
South to North



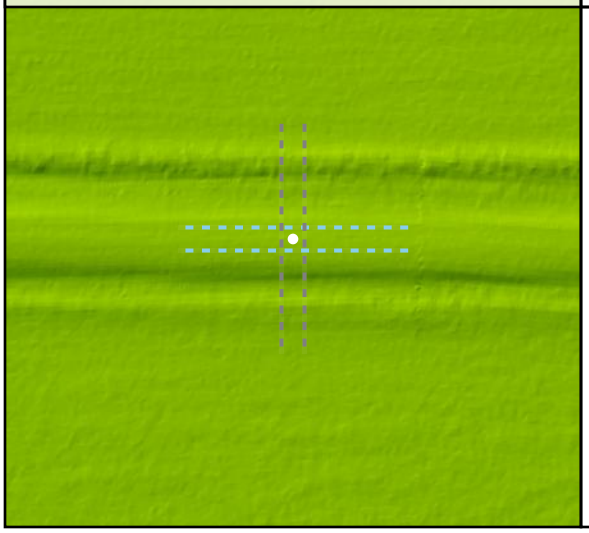
West to East



Intensity Raster

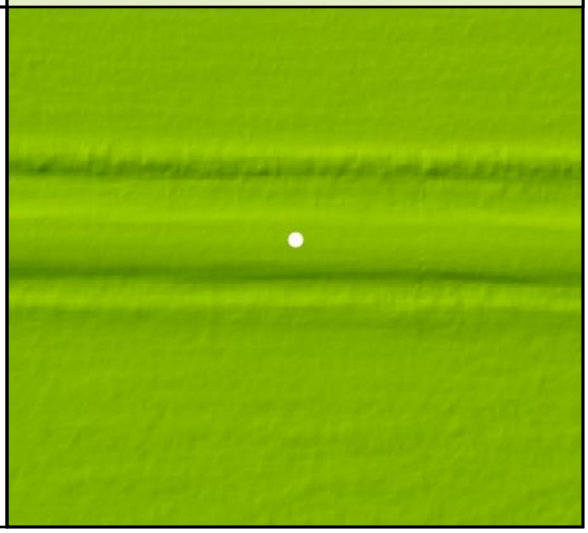


TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

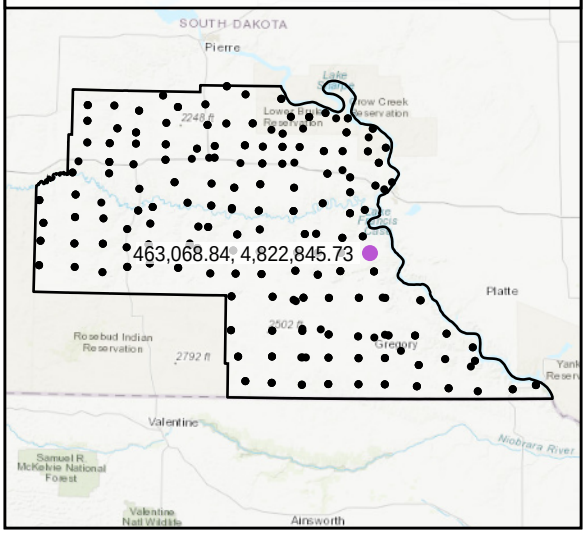
CAL - CAL061

Raw TIN Dz 0.00 m

CAL062

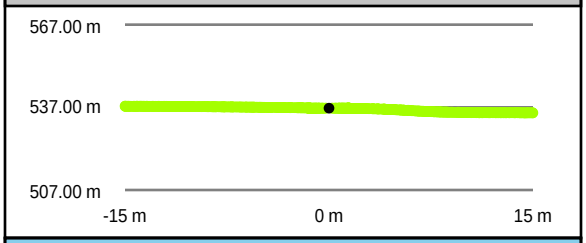
Known Z	536.69 m	Point Density	5.69 ppsm
DEM Dz	0.00 m	Ground Density	5.69 ppsm
Raw TIN Dz	0.00 m	Slope	5.08 °

Project Context

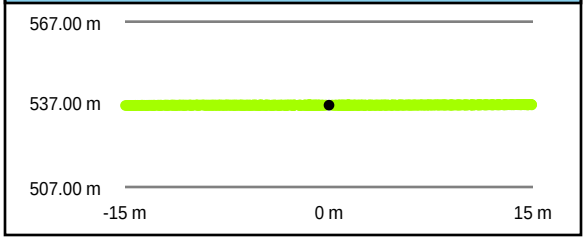


World Imagery

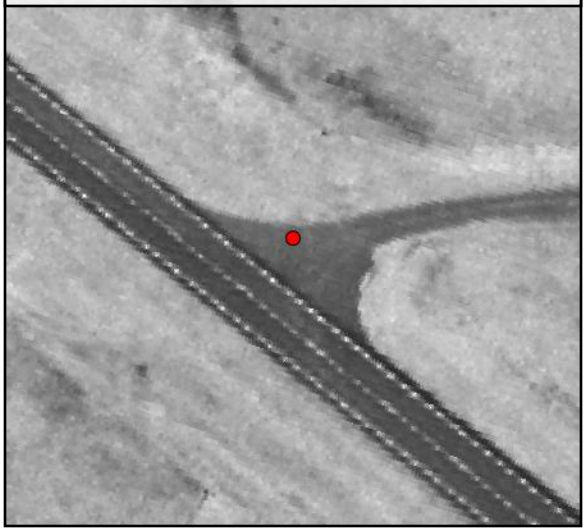
South to North



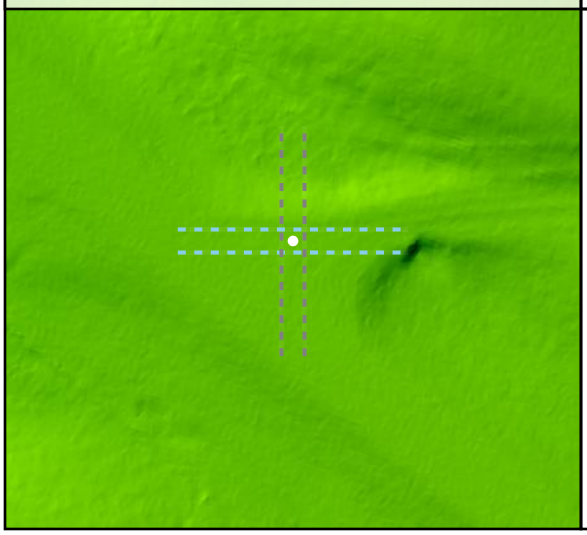
West to East



Intensity Raster

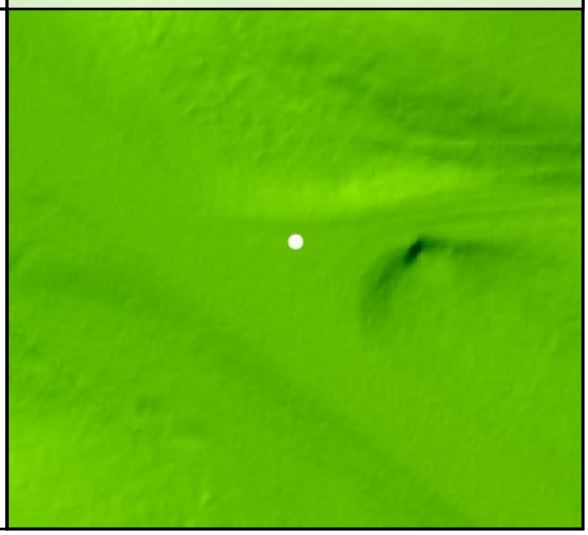


TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

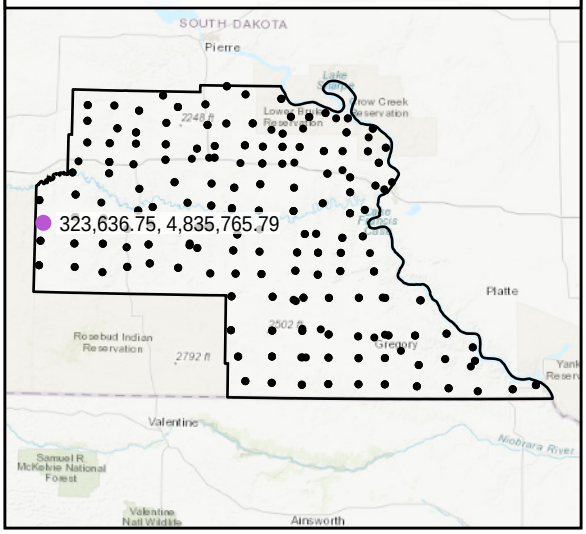
CAL - CAL062

Raw TIN Dz 0.00 m

CAL063

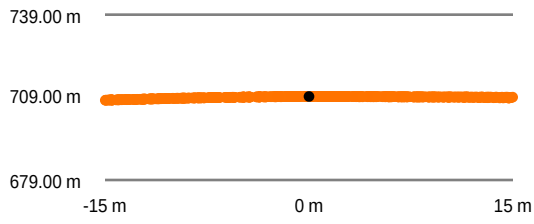
Known Z	709.31 m	Point Density	5.23 ppsm
DEM Dz	0.01 m	Ground Density	5.23 ppsm
Raw TIN Dz	0.01 m	Slope	1.43 °

Project Context

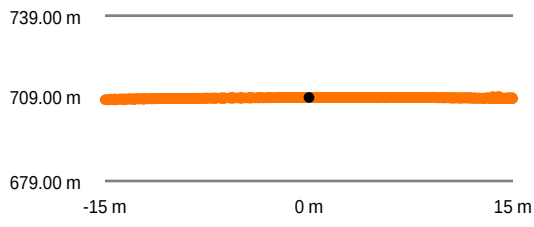


World Imagery

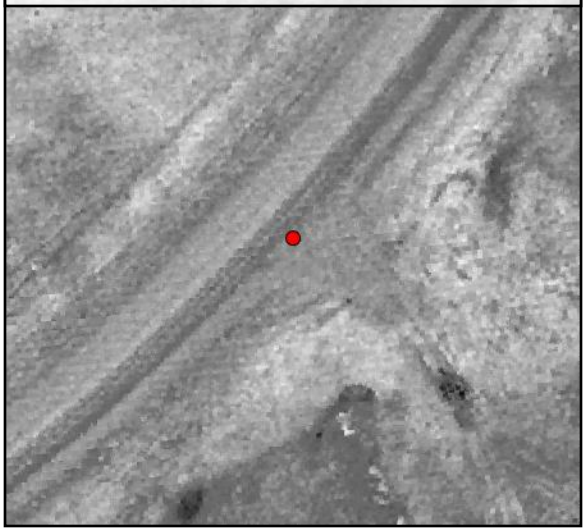
South to North



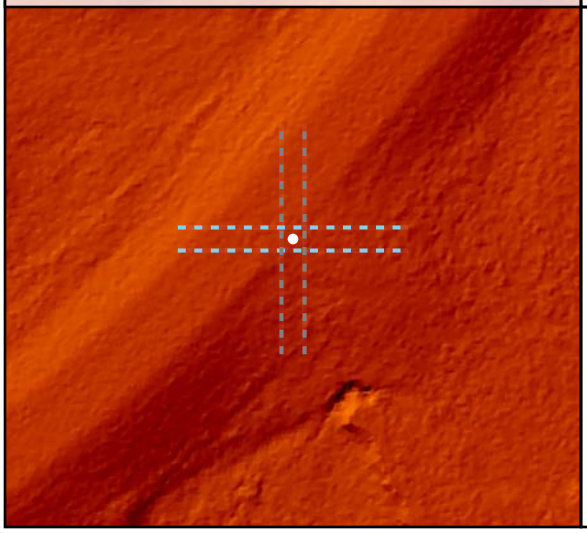
West to East



Intensity Raster

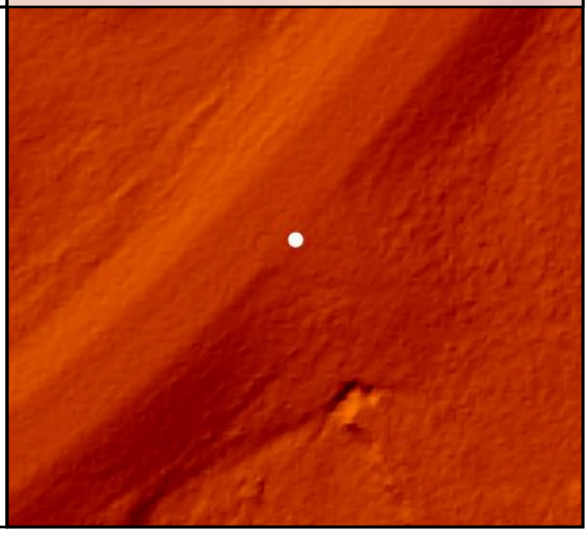


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

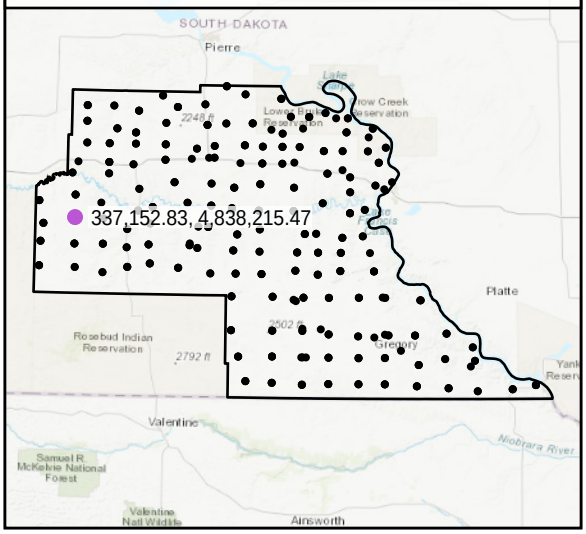
CAL - CAL063

Raw TIN Dz +0.01 m

CAL064

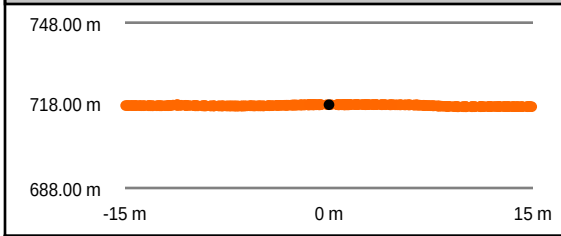
Known Z	718.22 m	Point Density	3.36 ppsm
DEM Dz	0.01 m	Ground Density	3.36 ppsm
Raw TIN Dz	0.01 m	Slope	3.05 °

Project Context

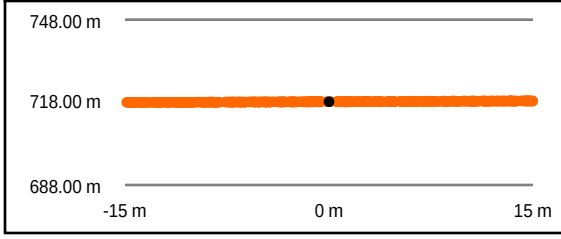


World Imagery

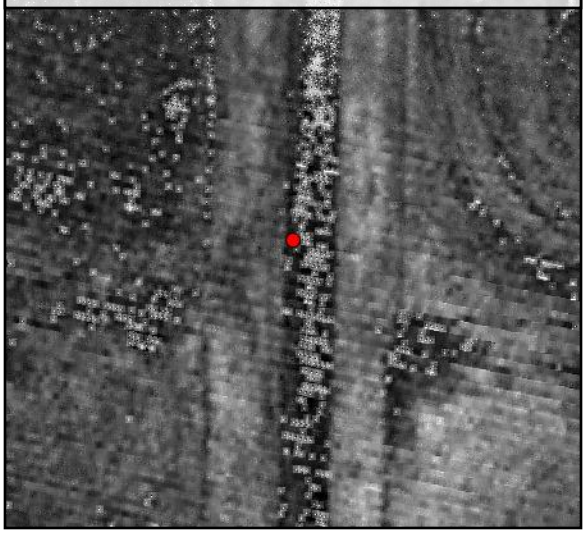
West to East



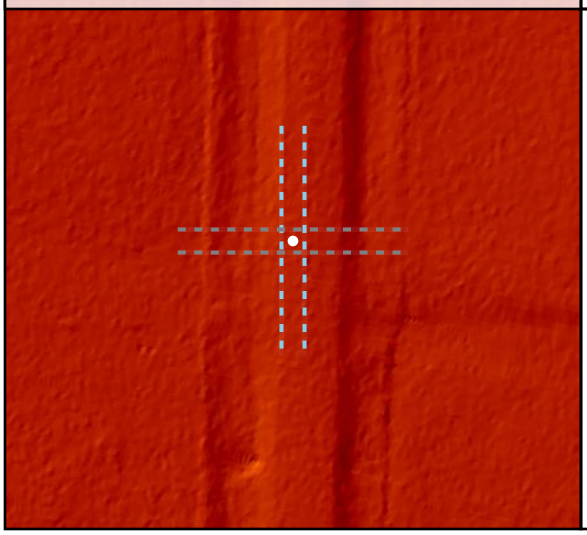
South to North



Intensity Raster

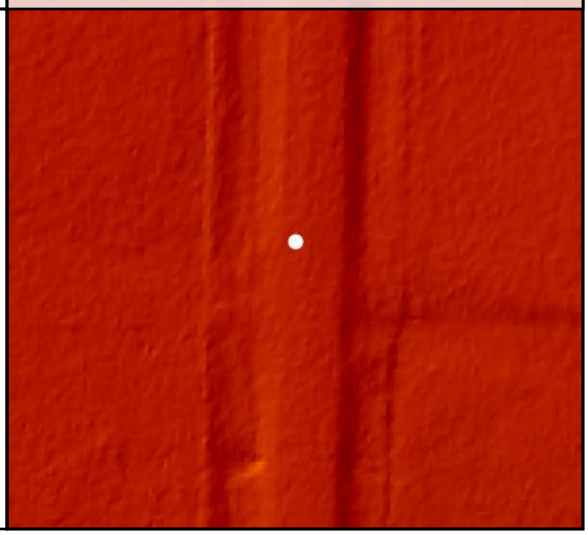


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

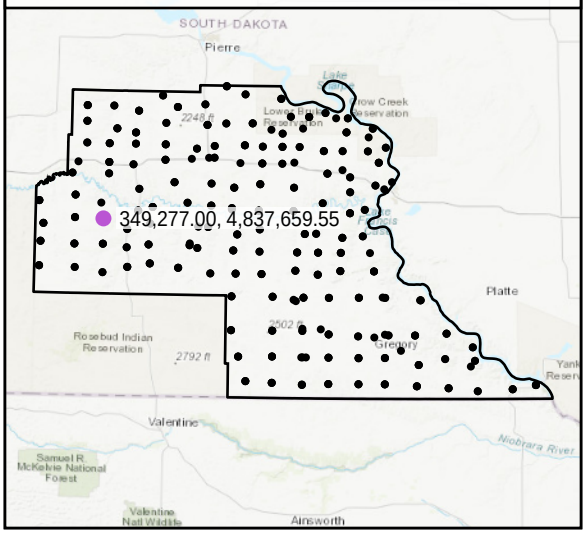
CAL - CAL064

Raw TIN Dz +0.01 m

CAL065

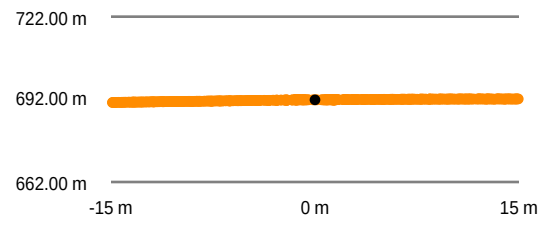
Known Z	691.81 m	Point Density	4.81 ppsm
DEM Dz	0.01 m	Ground Density	4.81 ppsm
Raw TIN Dz	0.01 m	Slope	2.75 °

Project Context

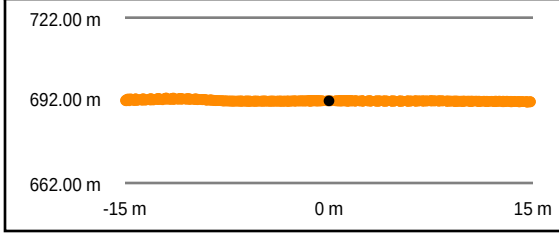


World Imagery

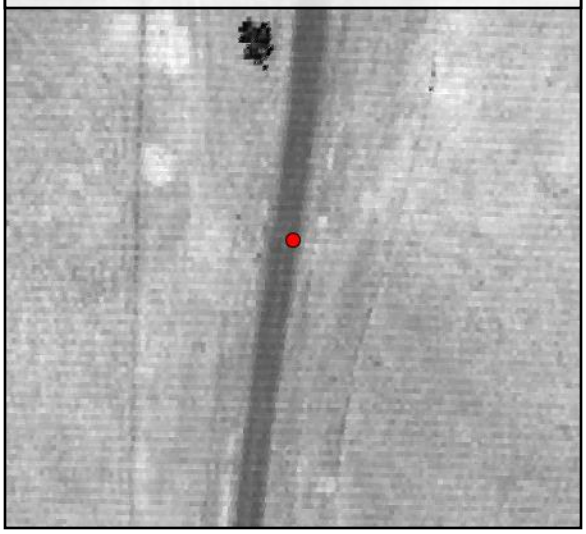
Southwest to Northeast



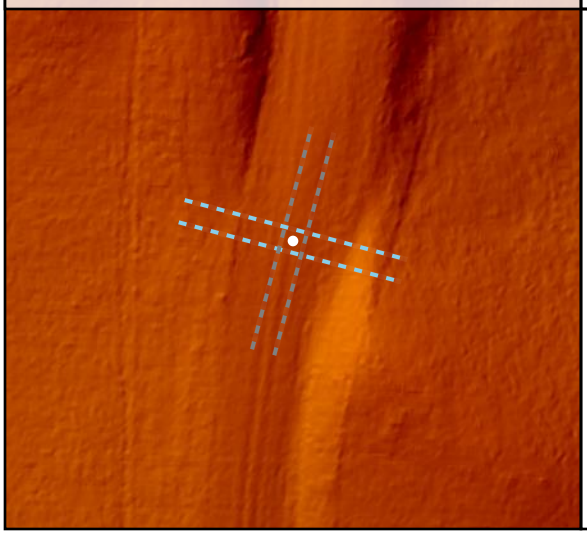
Southeast to Northwest



Intensity Raster

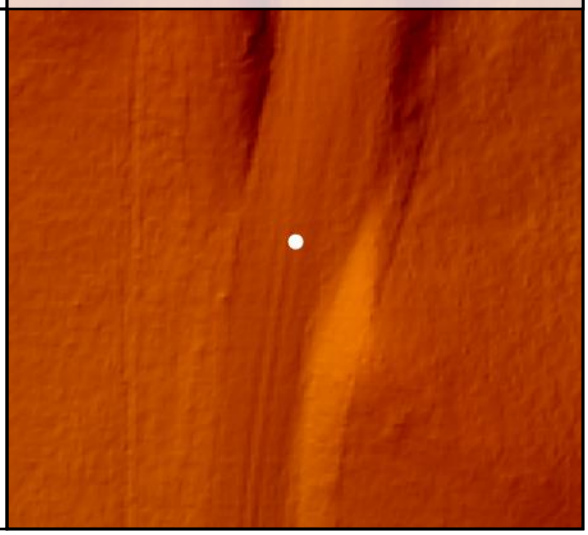


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

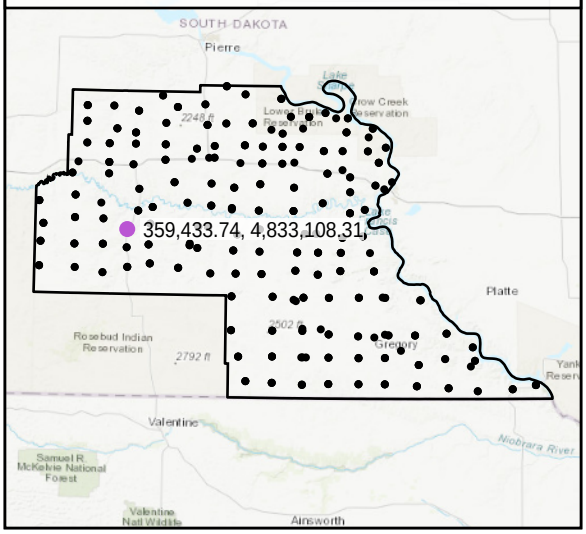
CAL - CAL065

Raw TIN Dz +0.01 m

CAL066

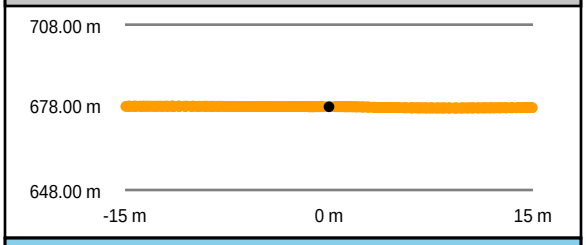
Known Z	678.20 m	Point Density	4.95 ppsm
DEM Dz	0.04 m	Ground Density	4.95 ppsm
Raw TIN Dz	0.04 m	Slope	2.38 °

Project Context

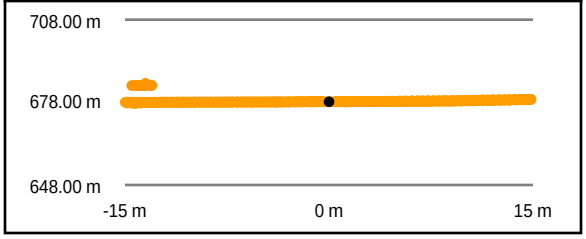


World Imagery

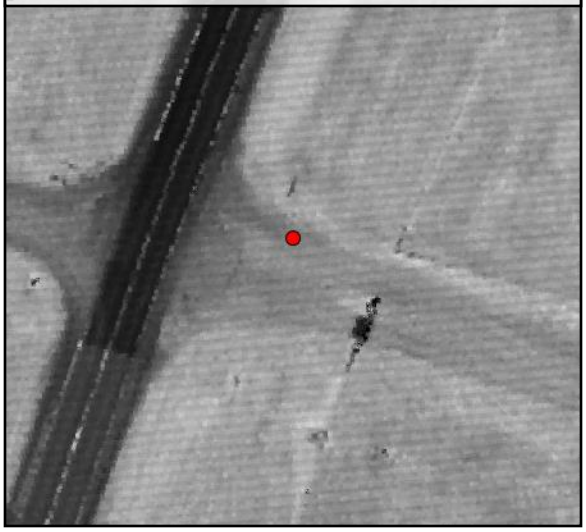
Southwest to Northeast



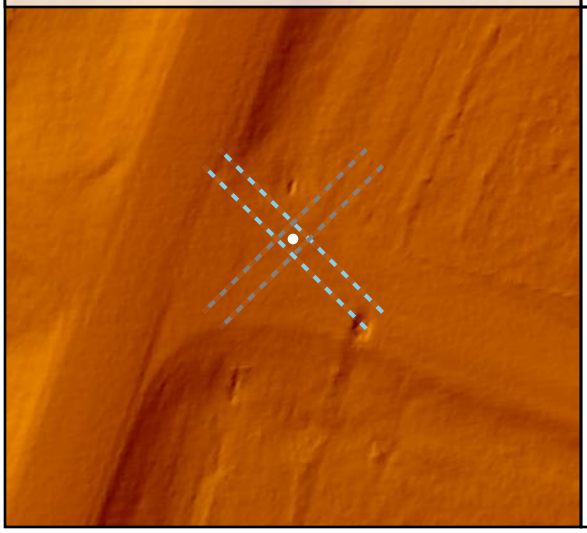
Southeast to Northwest



Intensity Raster

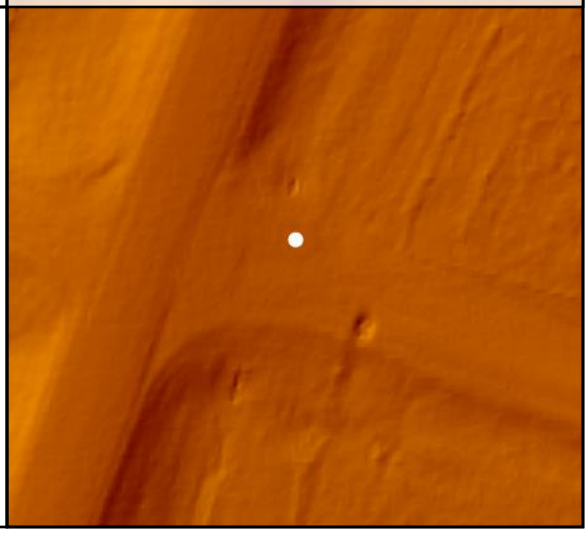


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

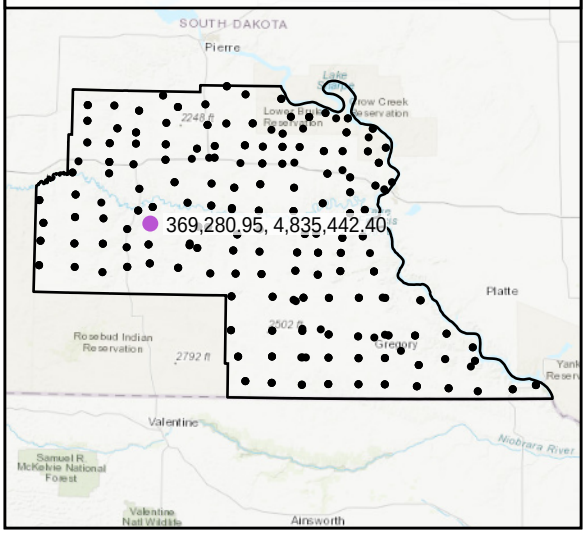
CAL - CAL066

Raw TIN Dz +0.04 m

CAL067

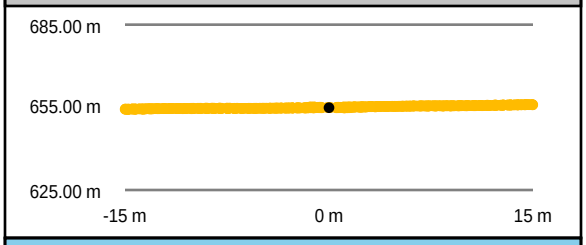
Known Z	654.87 m	Point Density	4.81 ppsm
DEM Dz	0.06 m	Ground Density	4.81 ppsm
Raw TIN Dz	0.05 m	Slope	8.71 °

Project Context

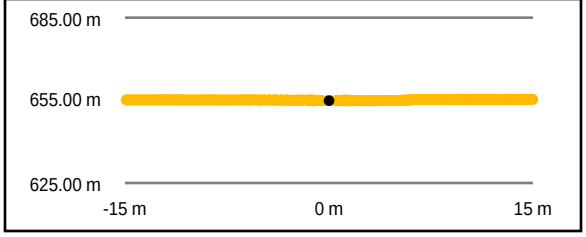


World Imagery

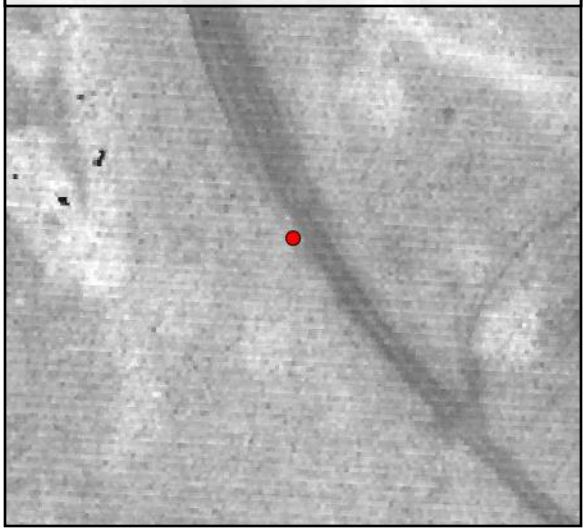
Southeast to Northwest



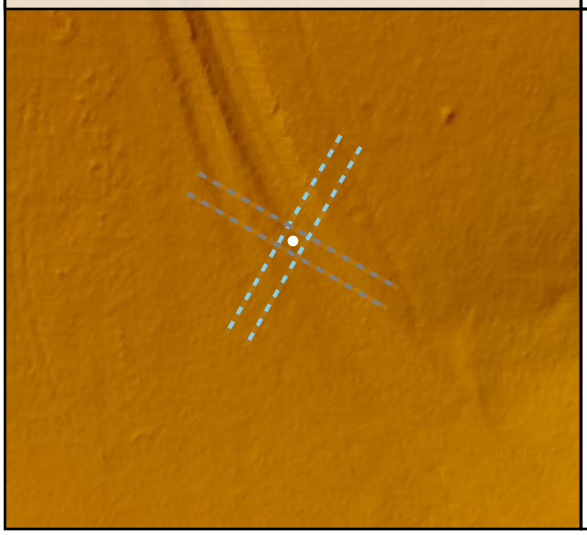
Southwest to Northeast



Intensity Raster

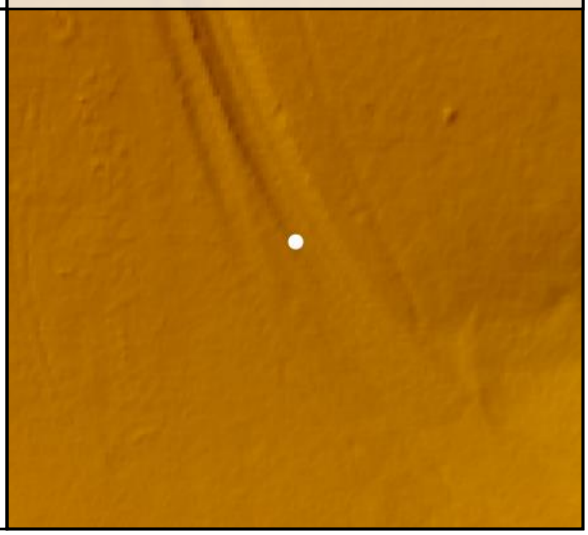


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

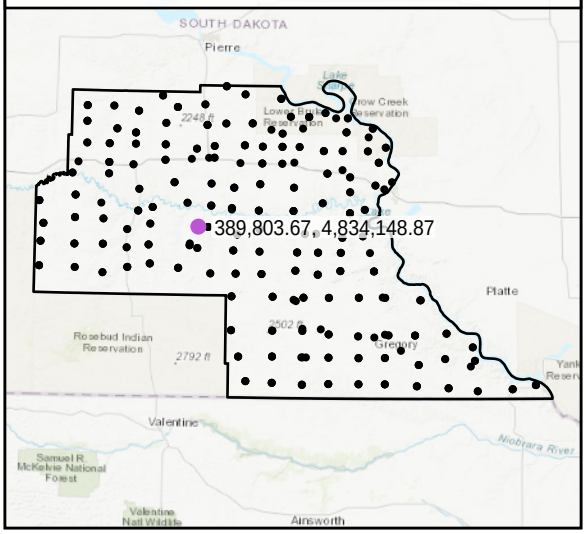
CAL - CAL067

Raw TIN Dz +0.05 m

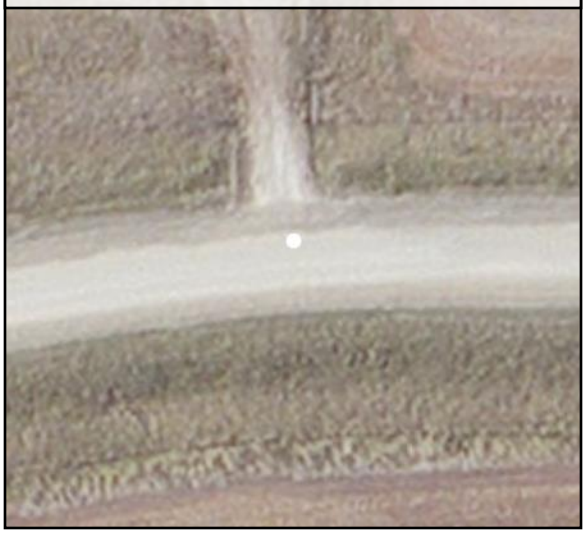
CAL068

Known Z	627.79 m	Point Density	4.35 ppsm
DEM Dz	0.05 m	Ground Density	4.35 ppsm
Raw TIN Dz	0.05 m	Slope	0.61 °

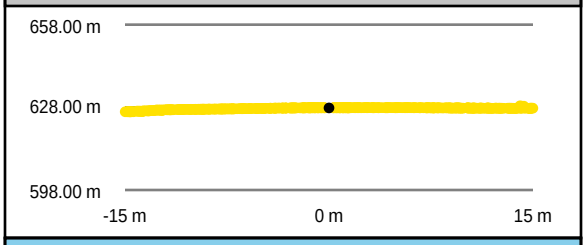
Project Context



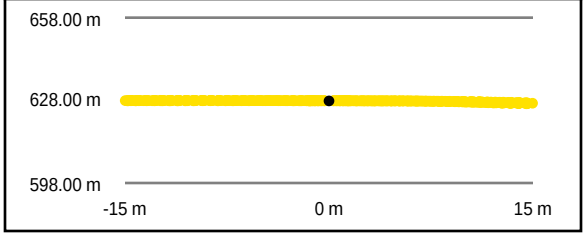
World Imagery



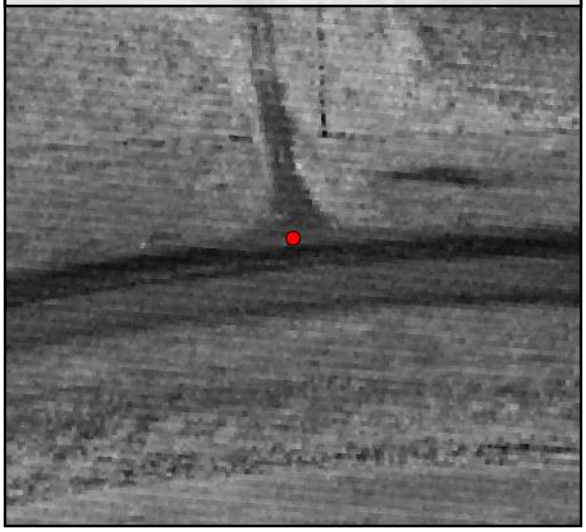
Southwest to Northeast



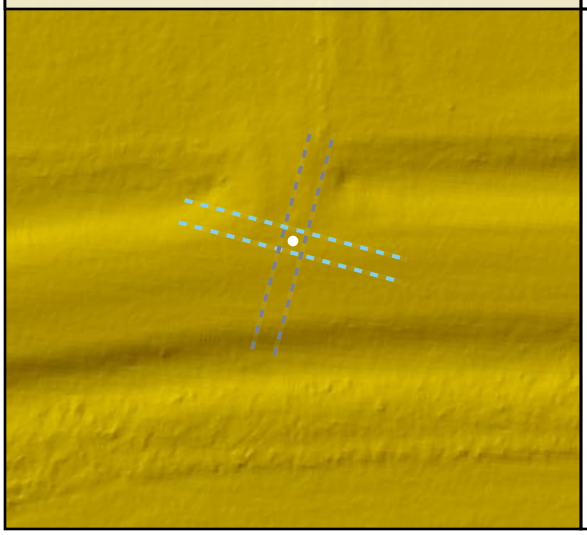
Southeast to Northwest



Intensity Raster

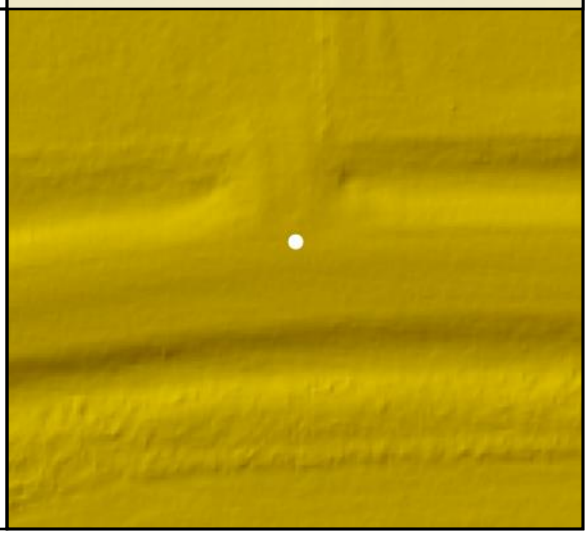


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

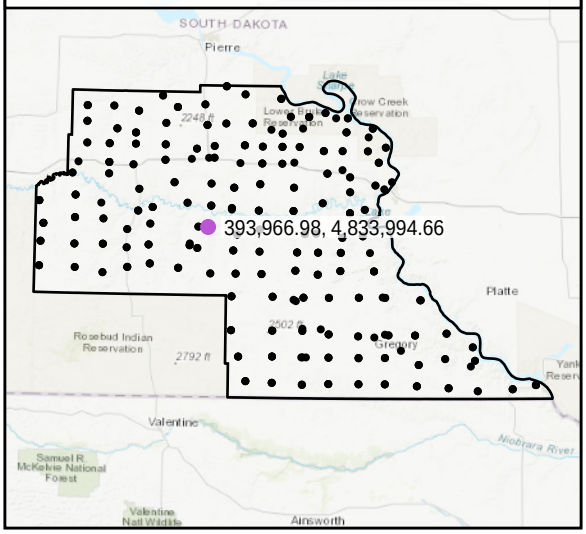
CAL - CAL068

Raw TIN Dz +0.05 m

CAL069

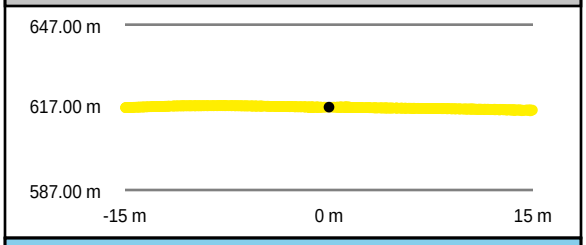
Known Z	617.07 m	Point Density	4.88 ppsm
DEM Dz	-0.02 m	Ground Density	4.88 ppsm
Raw TIN Dz	-0.02 m	Slope	3.98 °

Project Context

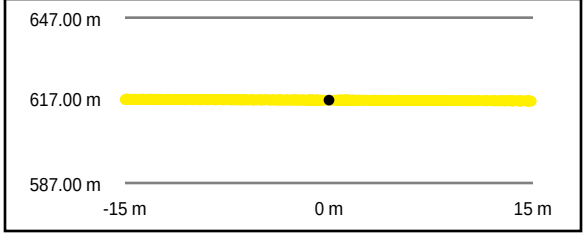


World Imagery

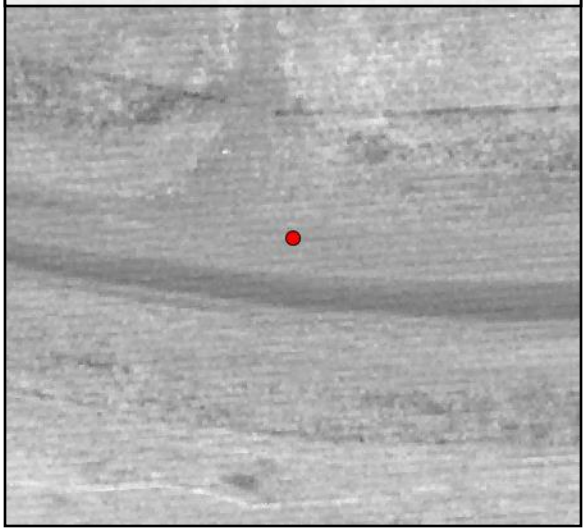
Southwest to Northeast



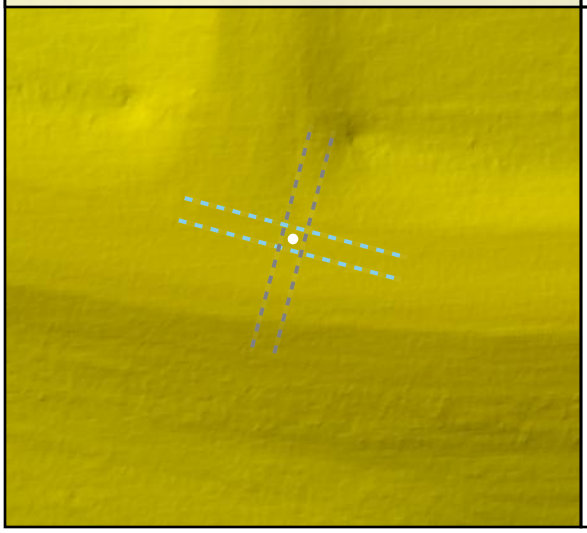
Southeast to Northwest



Intensity Raster

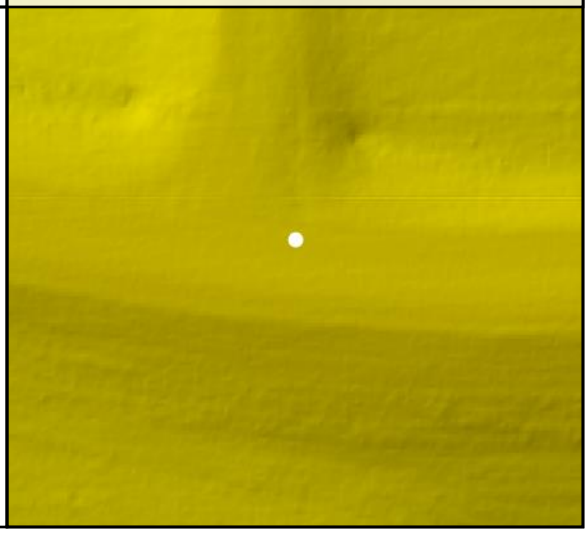


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

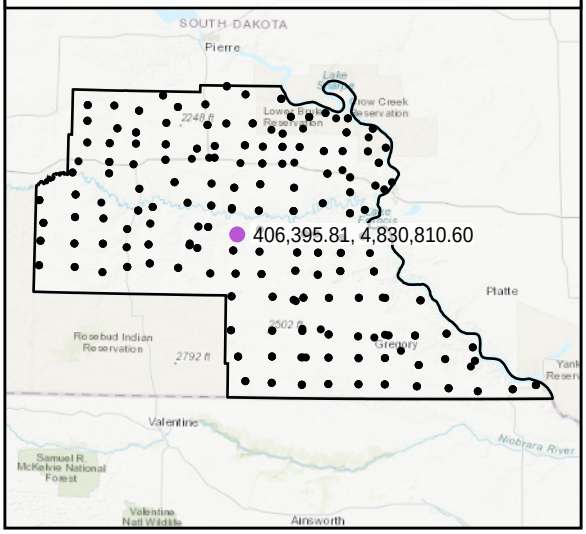
CAL - CAL069

Raw TIN Dz -0.02 m

CAL070

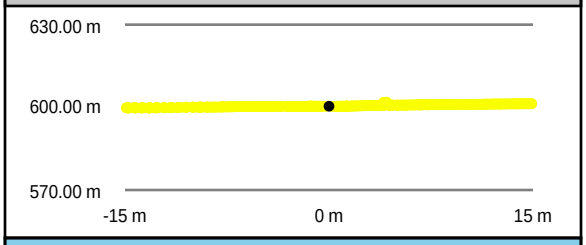
Known Z	600.40 m	Point Density	4.60 ppsm
DEM Dz	-0.02 m	Ground Density	4.60 ppsm
Raw TIN Dz	-0.02 m	Slope	3.60 °

Project Context

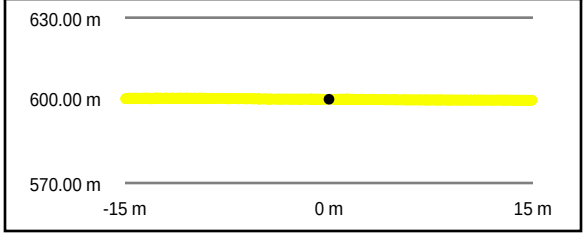


World Imagery

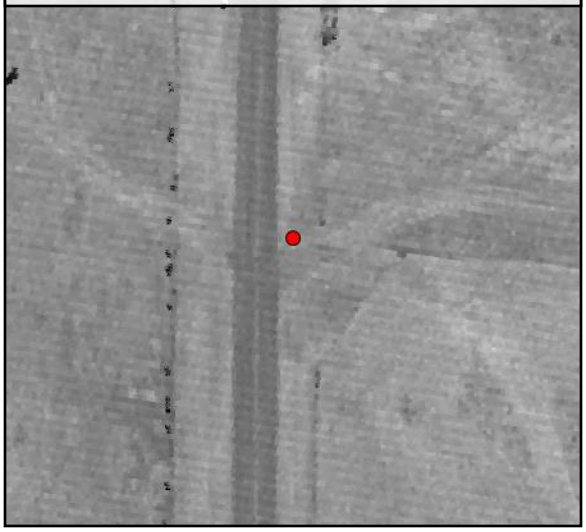
Southwest to Northeast



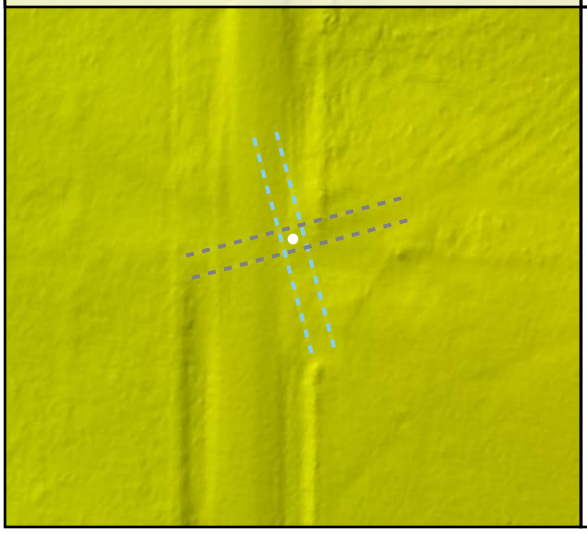
Southeast to Northwest



Intensity Raster

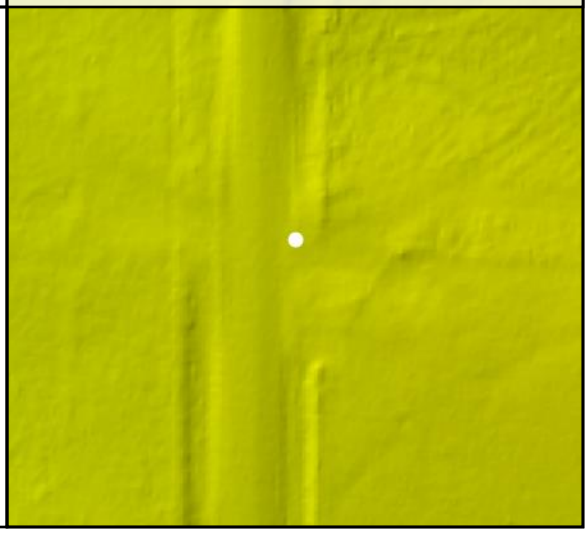


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

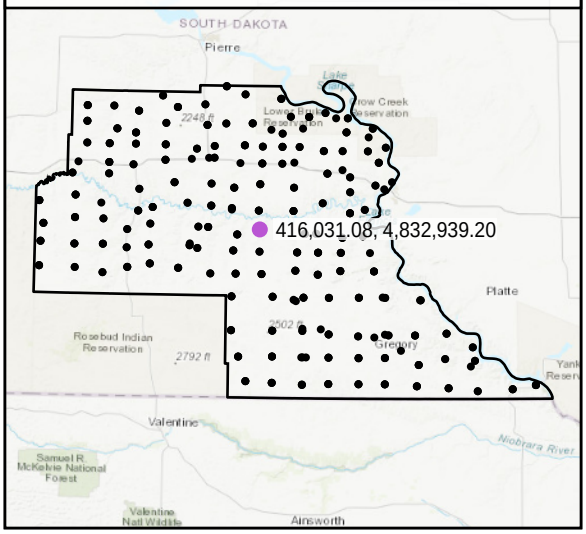
CAL - CAL070

Raw TIN Dz -0.02 m

CAL071

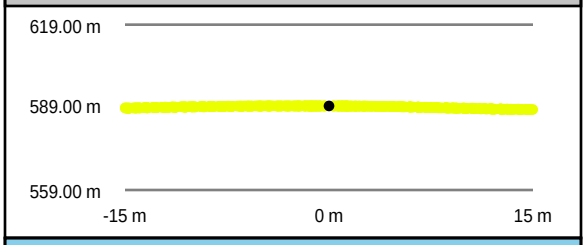
Known Z	589.50 m	Point Density	4.60 ppsm
DEM Dz	-0.02 m	Ground Density	4.60 ppsm
Raw TIN Dz	-0.02 m	Slope	2.60 °

Project Context

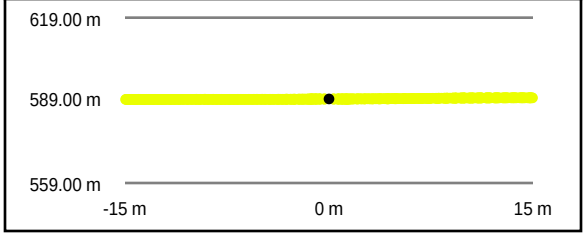


World Imagery

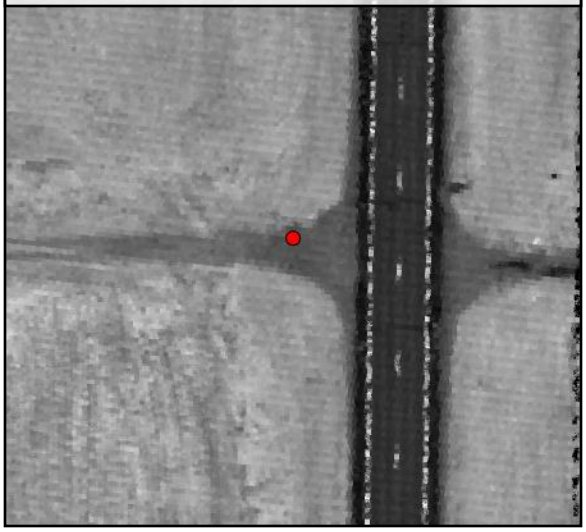
South to North



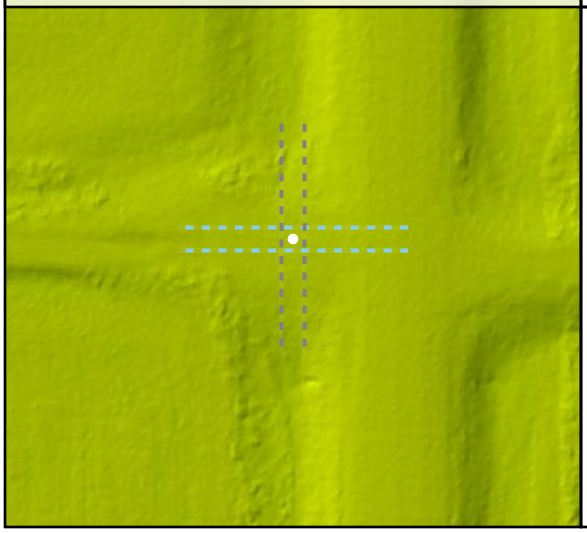
West to East



Intensity Raster

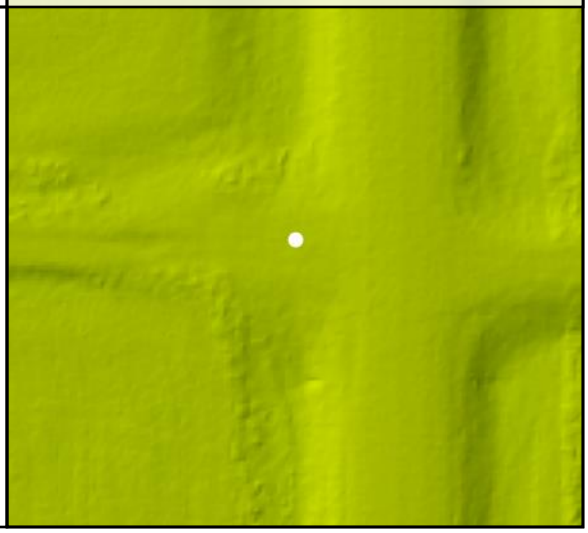


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

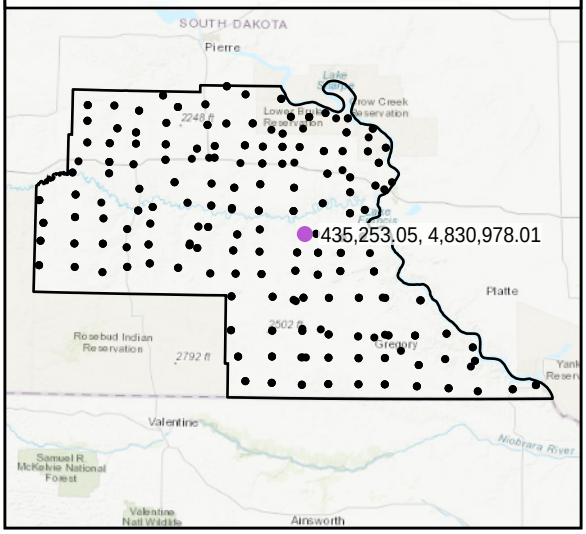
CAL - CAL071

Raw TIN Dz -0.02 m

CAL072

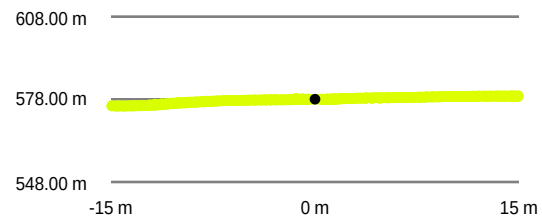
Known Z	578.04 m	Point Density	4.63 ppsm
DEM Dz	-0.01 m	Ground Density	4.63 ppsm
Raw TIN Dz	-0.01 m	Slope	6.58 °

Project Context

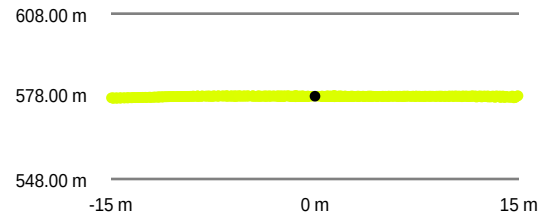


World Imagery

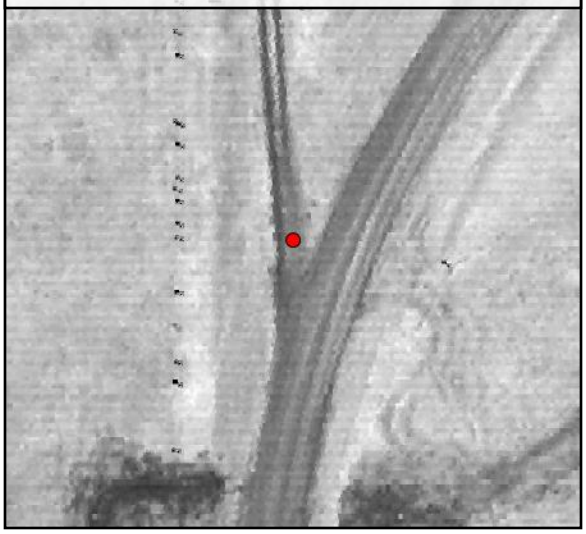
Southwest to Northeast



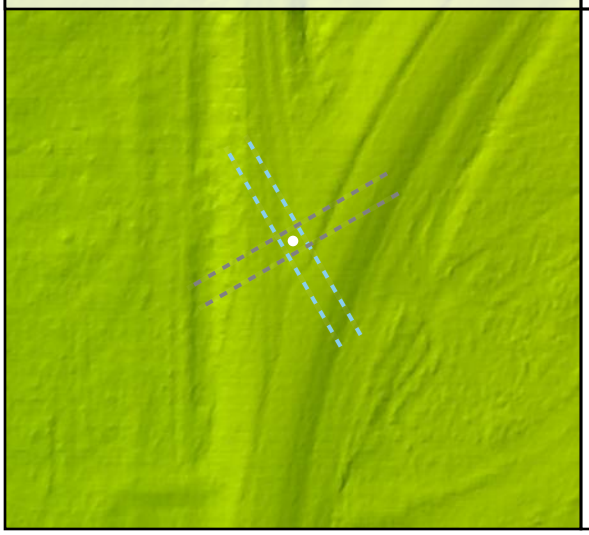
Southeast to Northwest



Intensity Raster



TIN Surface



Project Elevation

DEM Surface

DEM Dz -0.01 m

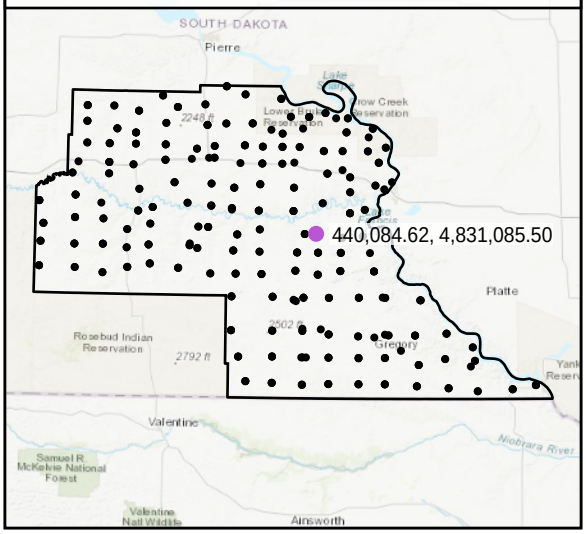
CAL - CAL072

Raw TIN Dz -0.01 m

CAL073

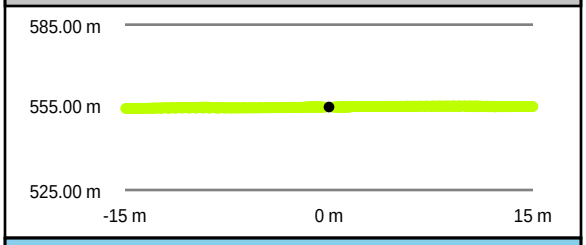
Known Z	555.11 m	Point Density	6.26 ppsm
DEM Dz	-0.02 m	Ground Density	6.26 ppsm
Raw TIN Dz	-0.03 m	Slope	5.29 °

Project Context

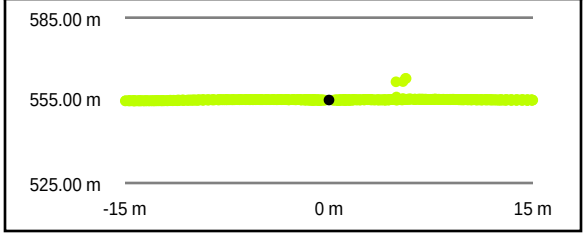


World Imagery

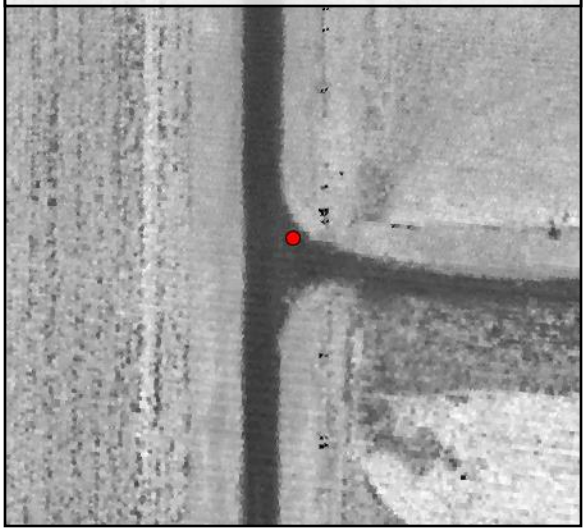
Southeast to Northwest



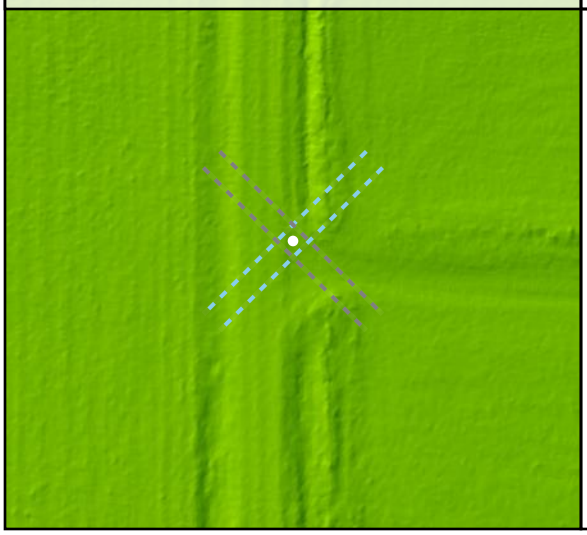
Southwest to Northeast



Intensity Raster

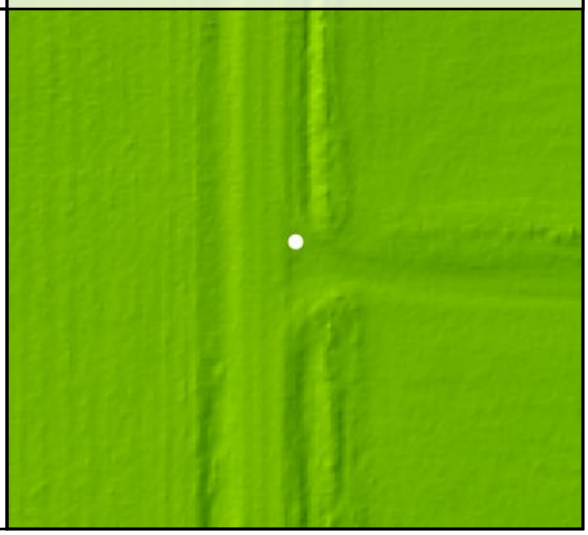


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

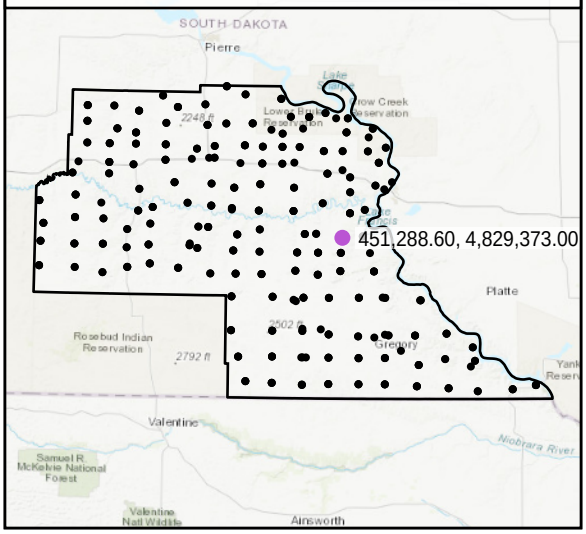
CAL - CAL073

Raw TIN Dz -0.03 m

CAL074

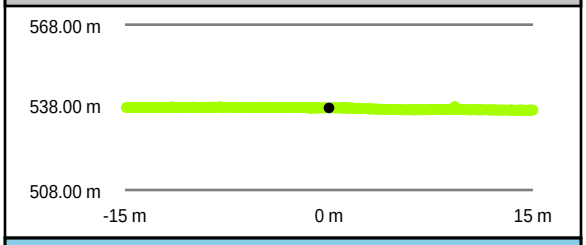
Known Z	537.79 m	Point Density	4.49 ppsm
DEM Dz	0.02 m	Ground Density	4.49 ppsm
Raw TIN Dz	0.02 m	Slope	3.93 °

Project Context

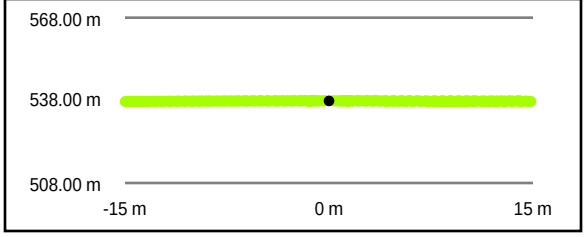


World Imagery

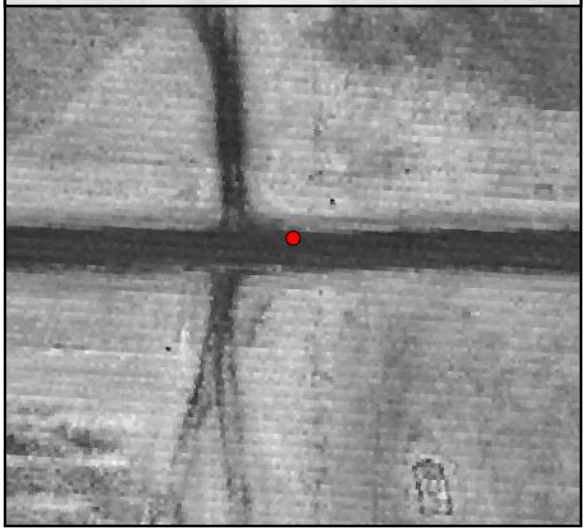
Southwest to Northeast



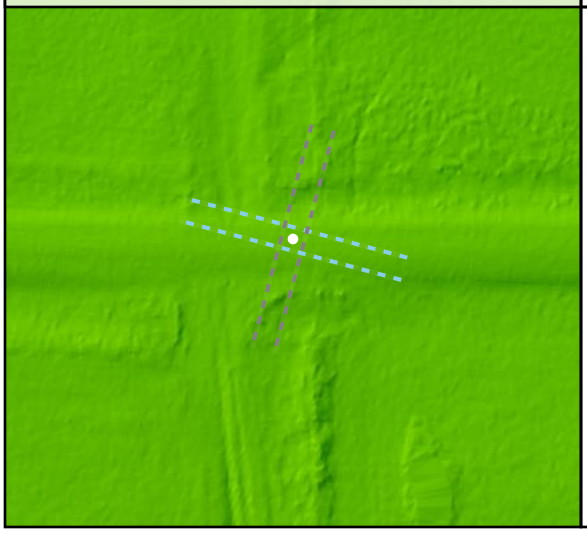
Southeast to Northwest



Intensity Raster

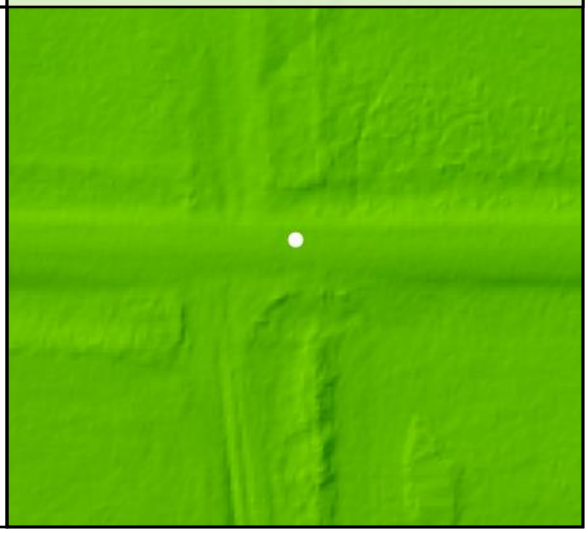


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

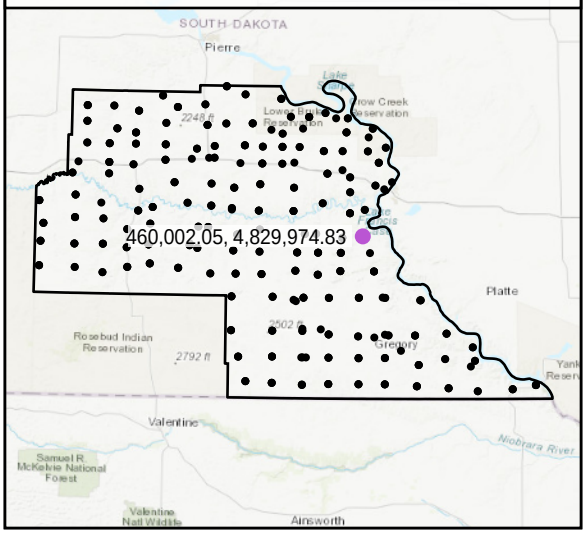
CAL - CAL074

Raw TIN Dz +0.02 m

CAL075

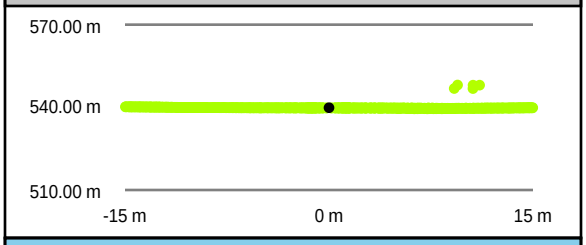
Known Z	539.86 m	Point Density	5.48 ppsm
DEM Dz	-0.08 m	Ground Density	5.48 ppsm
Raw TIN Dz	-0.08 m	Slope	0.27 °

Project Context

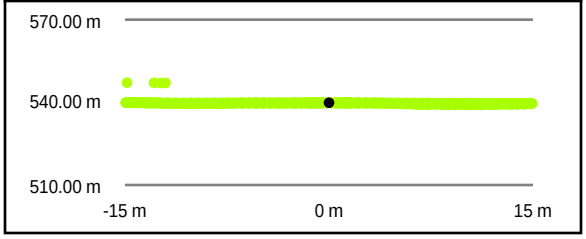


World Imagery

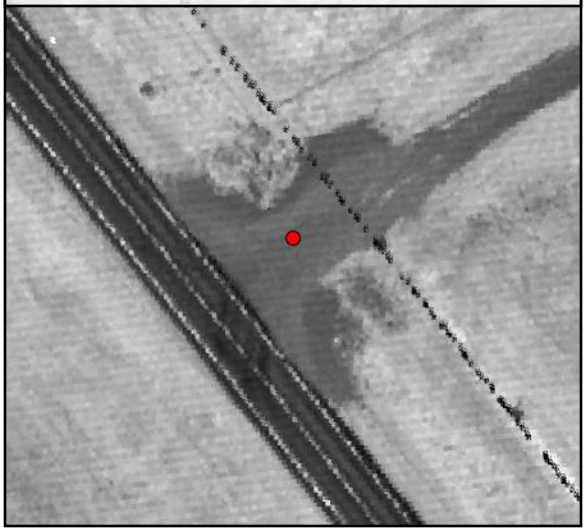
Southwest to Northeast



Southeast to Northwest



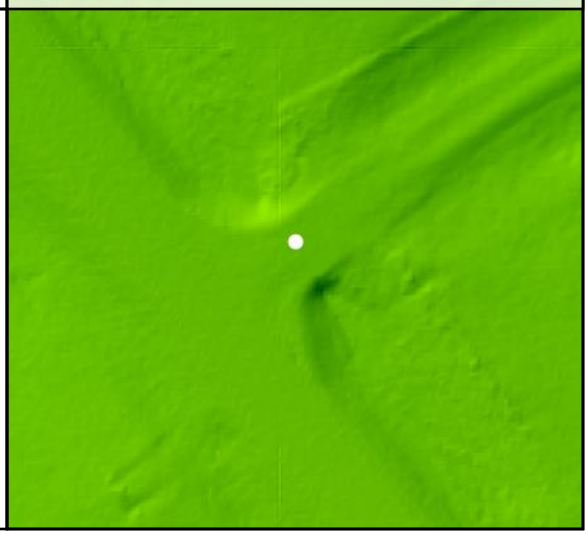
Intensity Raster



TIN Surface

Project Elevation

DEM Surface



DEM Dz -0.08 m

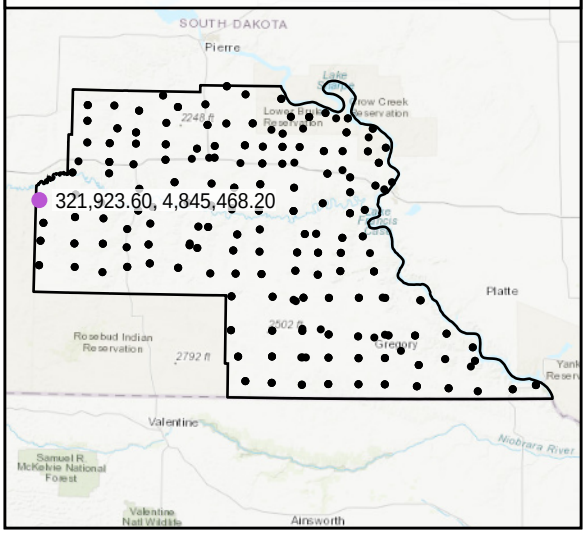
CAL - CAL075

Raw TIN Dz -0.08 m

CAL076

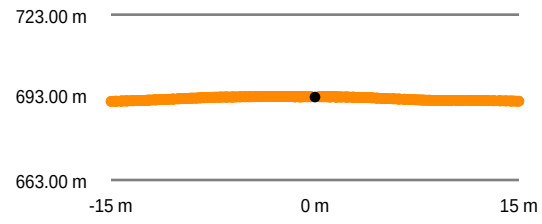
Known Z	693.10 m	Point Density	6.01 ppsm
DEM Dz	0.11 m	Ground Density	5.91 ppsm
Raw TIN Dz	0.12 m	Slope	1.84 °

Project Context

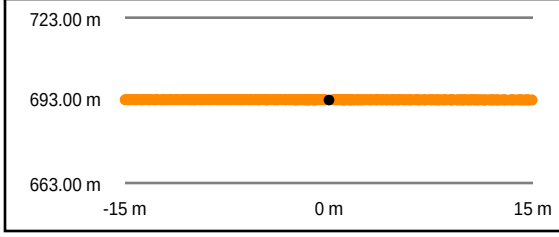


World Imagery

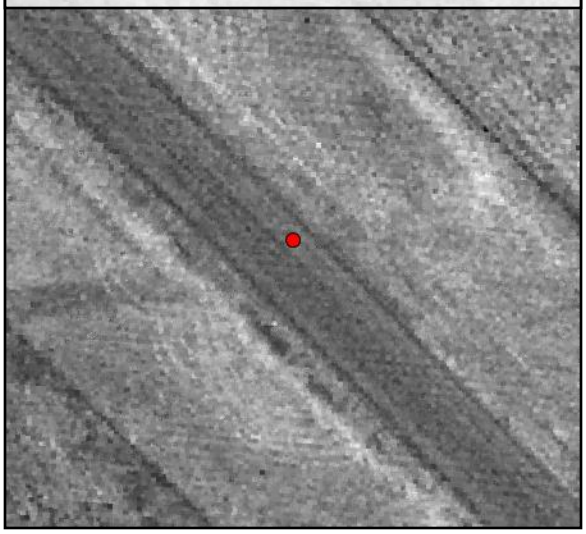
Southwest to Northeast



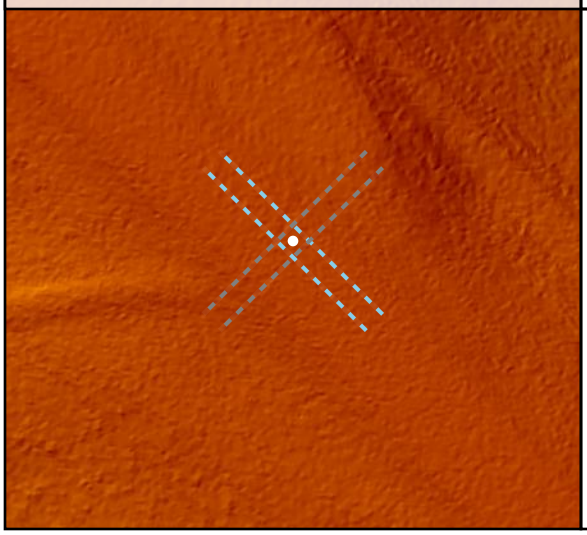
Southeast to Northwest



Intensity Raster

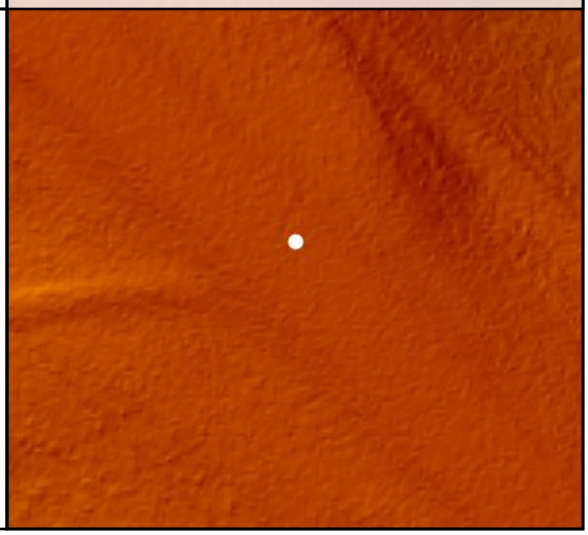


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.11 m

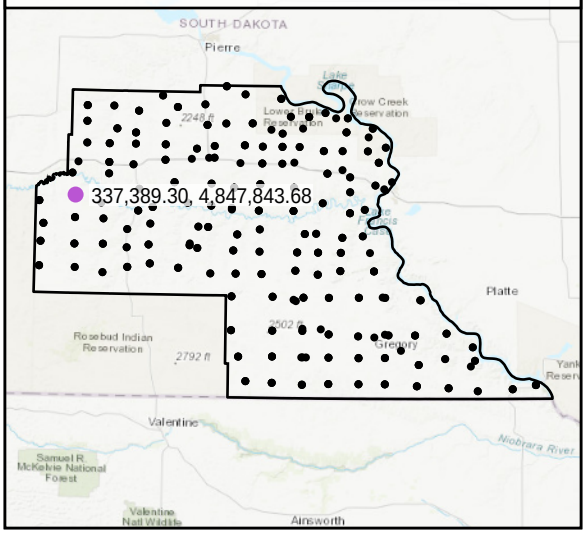
CAL - CAL076

Raw TIN Dz +0.12 m

CAL077

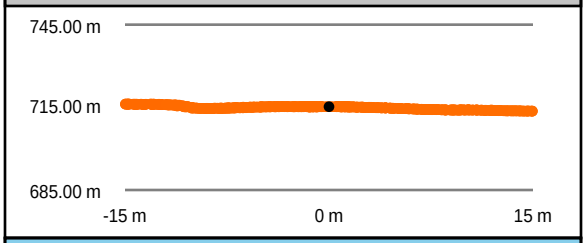
Known Z	715.23 m	Point Density	5.34 ppsm
DEM Dz	0.02 m	Ground Density	5.34 ppsm
Raw TIN Dz	0.02 m	Slope	3.23 °

Project Context

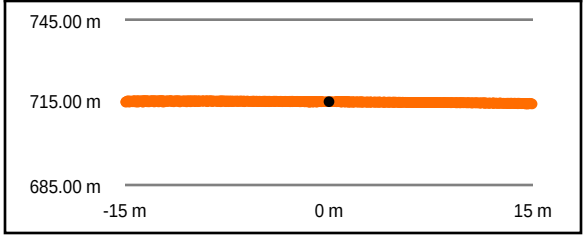


World Imagery

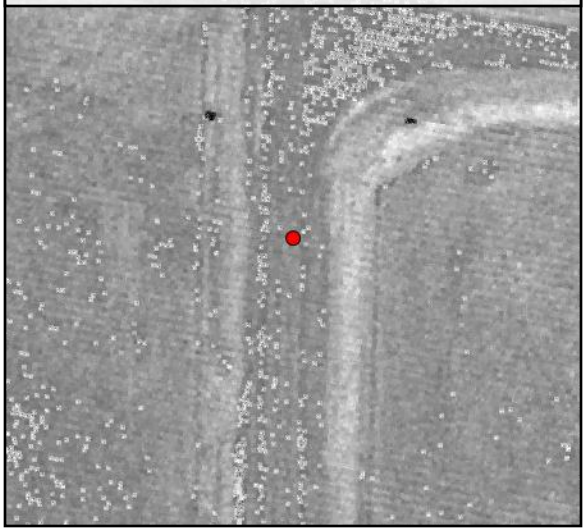
Southwest to Northeast



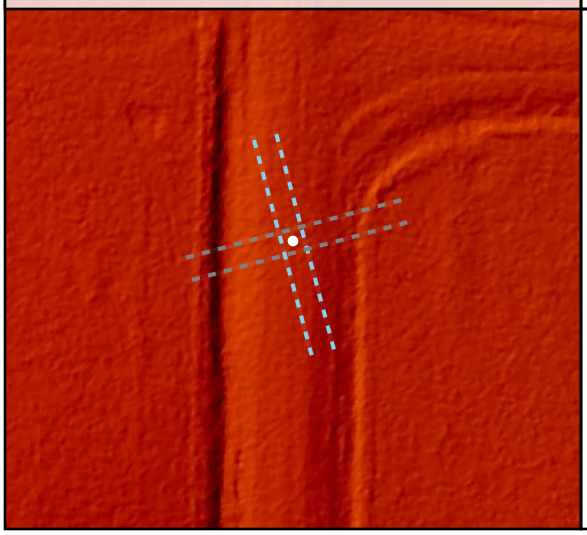
Southeast to Northwest



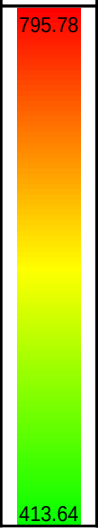
Intensity Raster



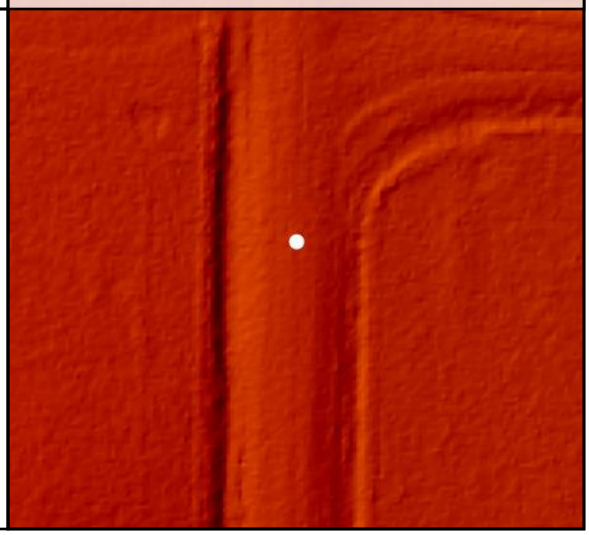
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.02 m

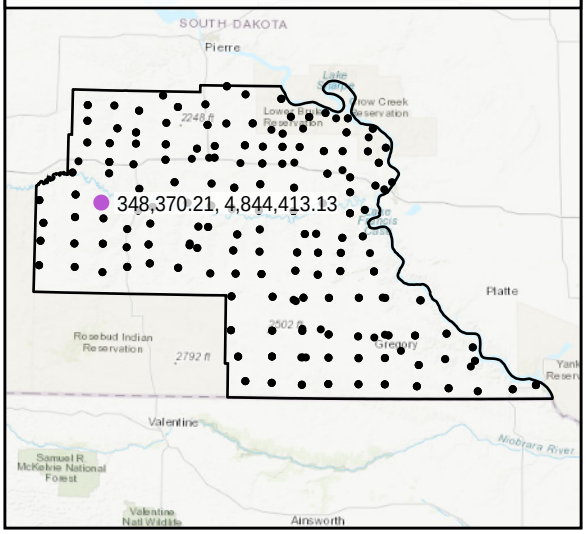
CAL - CAL077

Raw TIN Dz +0.02 m

CAL078

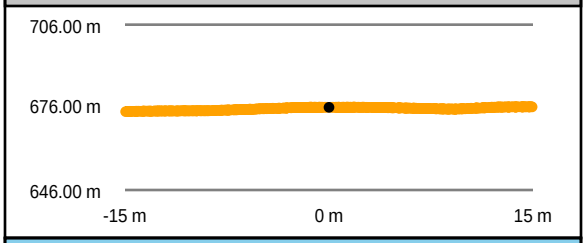
Known Z	676.00 m	Point Density	5.55 ppsm
DEM Dz	0.03 m	Ground Density	5.55 ppsm
Raw TIN Dz	0.03 m	Slope	1.67 °

Project Context

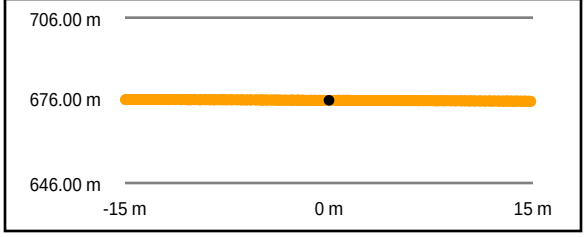


World Imagery

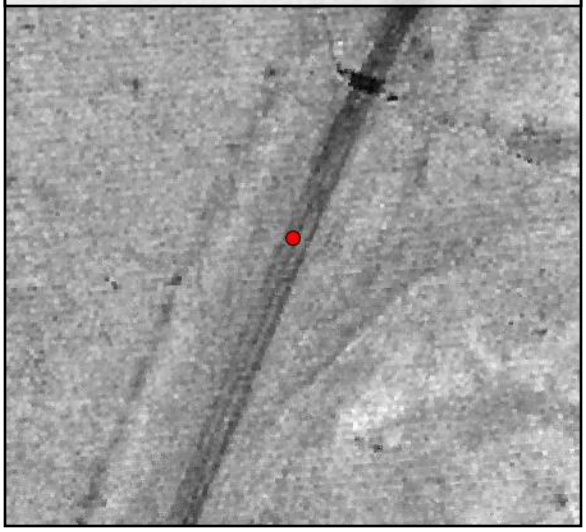
Southeast to Northwest



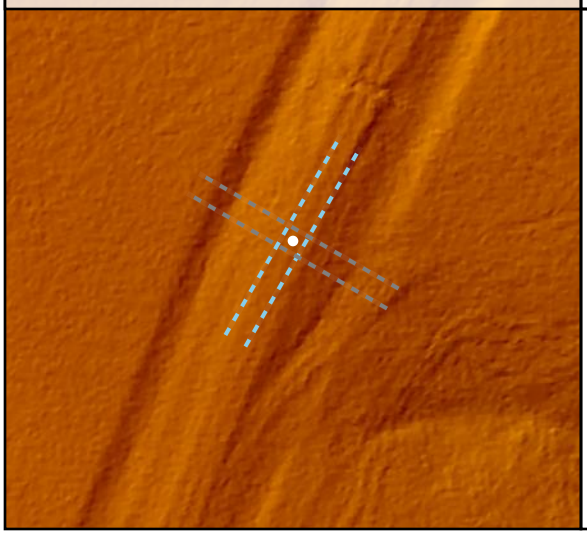
Southwest to Northeast



Intensity Raster

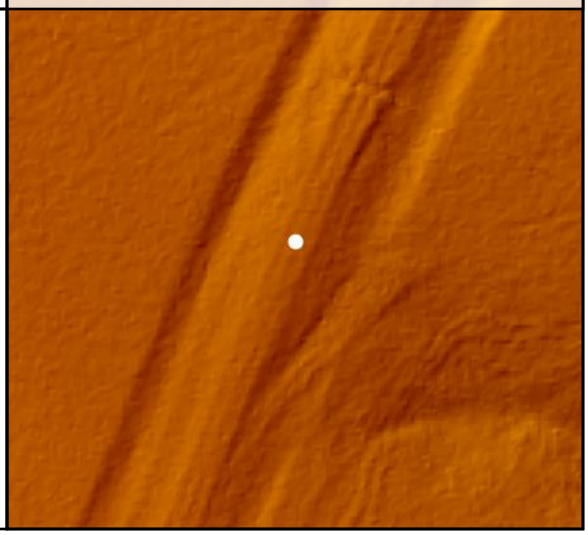


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

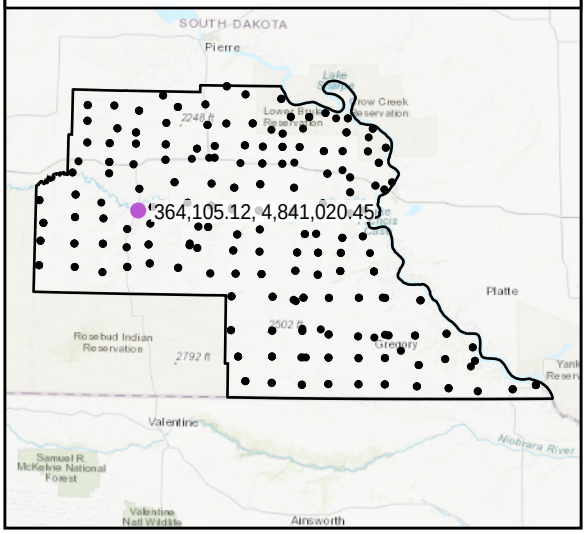
CAL - CAL078

Raw TIN Dz +0.03 m

CAL079

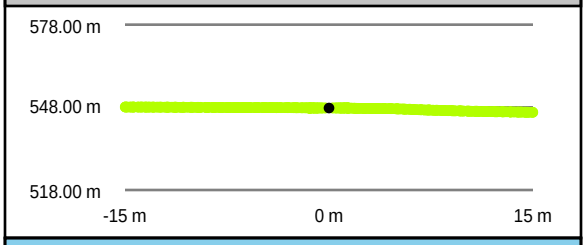
Known Z	547.75 m	Point Density	4.49 ppsm
DEM Dz	0.02 m	Ground Density	4.49 ppsm
Raw TIN Dz	0.02 m	Slope	2.35 °

Project Context

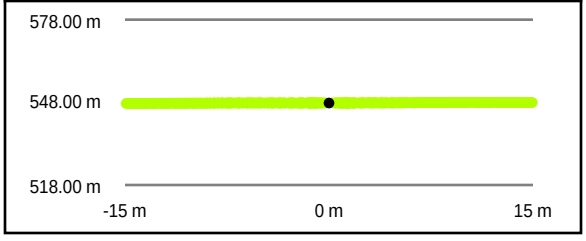


World Imagery

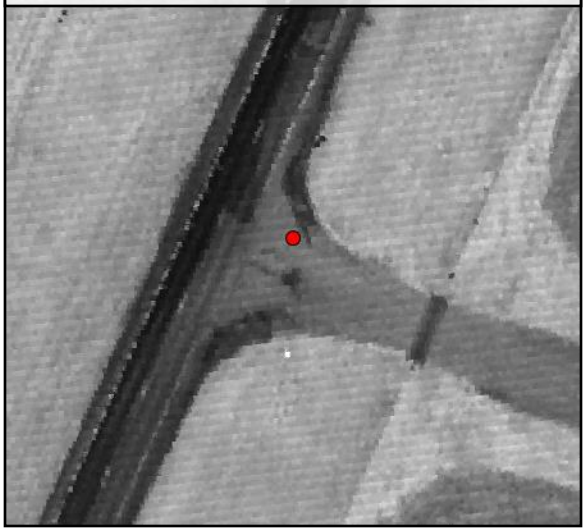
Southwest to Northeast



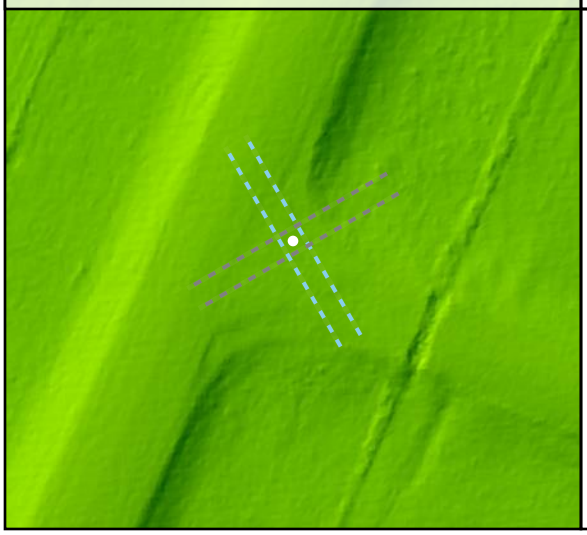
Southeast to Northwest



Intensity Raster

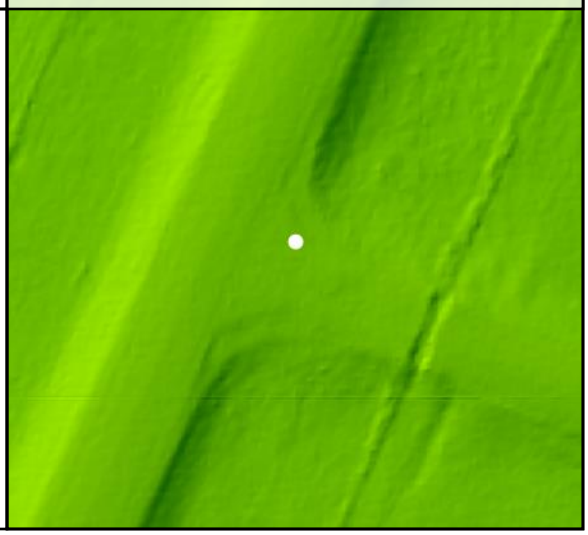


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

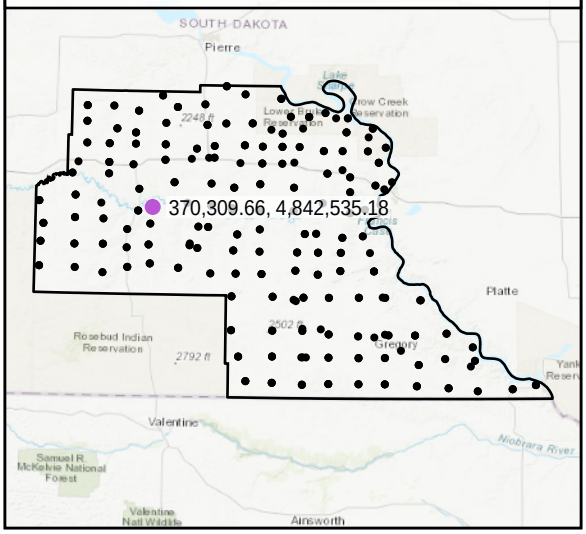
CAL - CAL079

Raw TIN Dz +0.02 m

CAL080

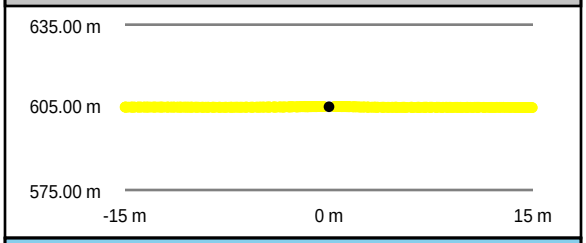
Known Z	605.21 m	Point Density	4.60 ppsm
DEM Dz	0.05 m	Ground Density	4.60 ppsm
Raw TIN Dz	0.05 m	Slope	2.77 °

Project Context

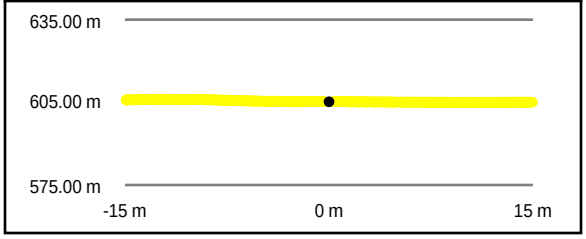


World Imagery

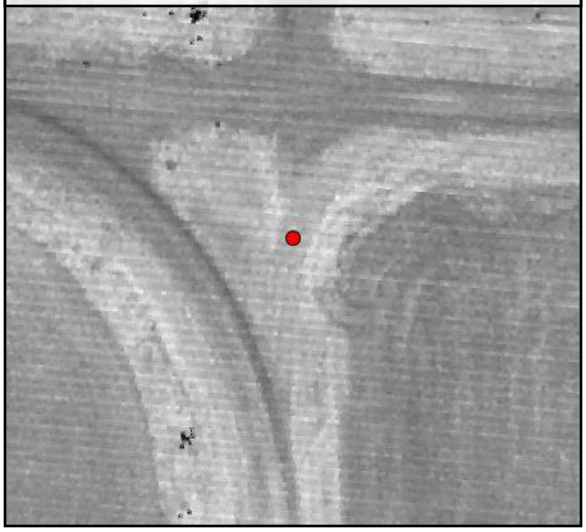
Southeast to Northwest



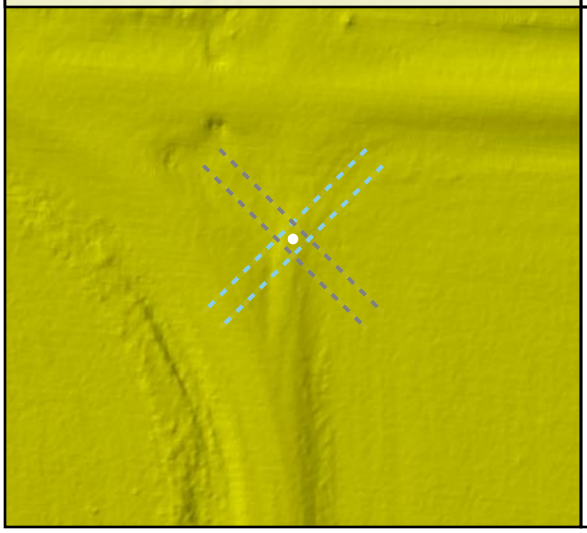
Southwest to Northeast



Intensity Raster

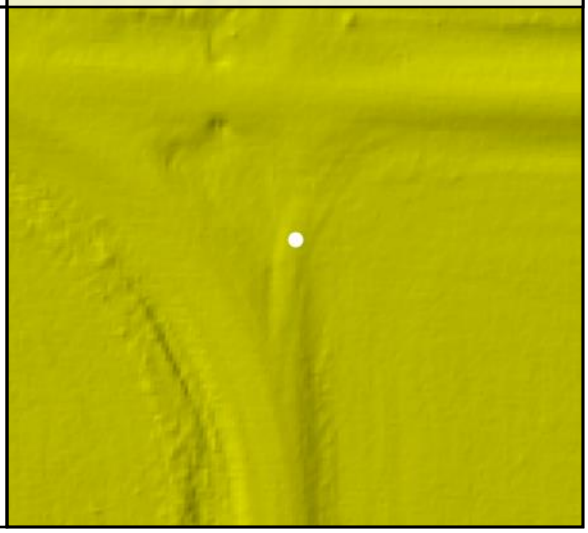


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

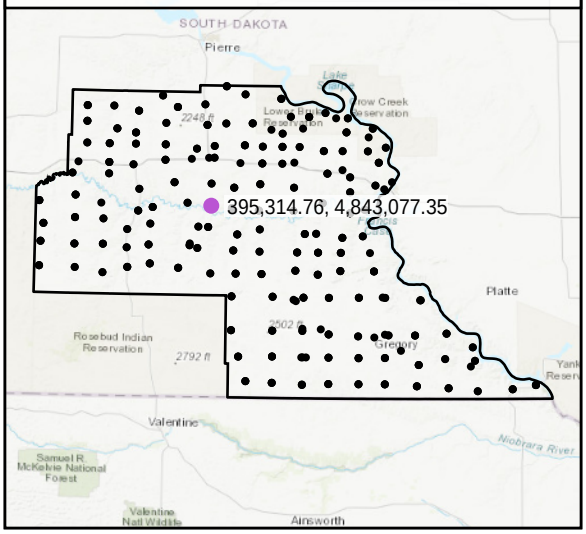
CAL - CAL080

Raw TIN Dz +0.05 m

CAL081

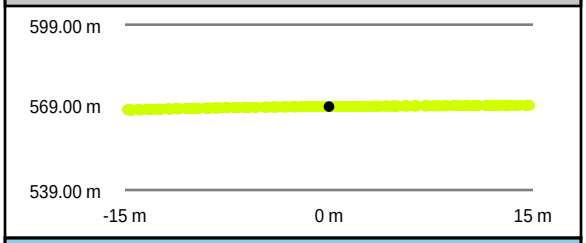
Known Z	569.27 m	Point Density	4.42 ppsm
DEM Dz	0.01 m	Ground Density	4.42 ppsm
Raw TIN Dz	0.01 m	Slope	2.70 °

Project Context

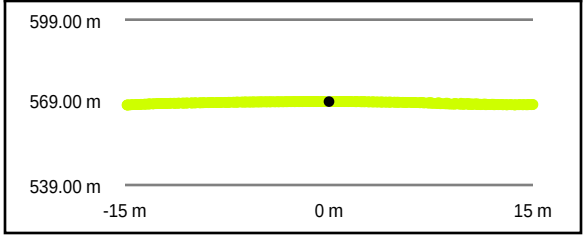


World Imagery

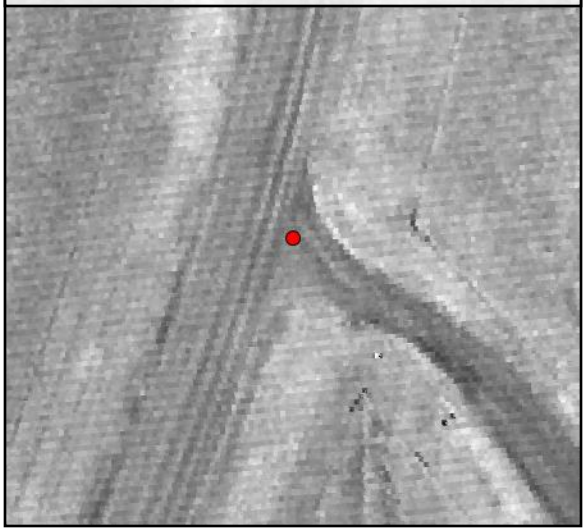
South to North



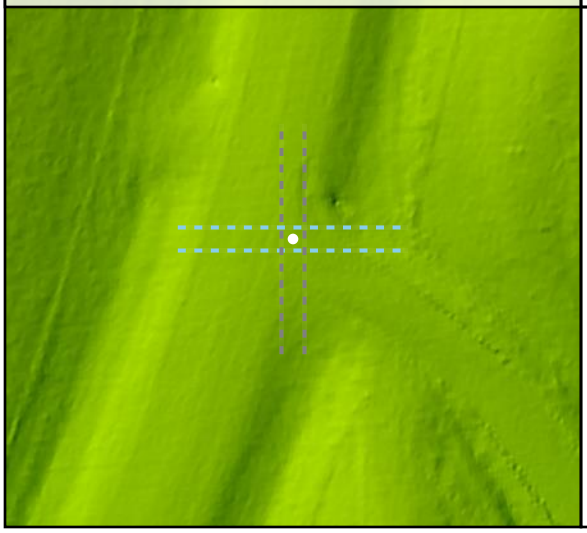
West to East



Intensity Raster

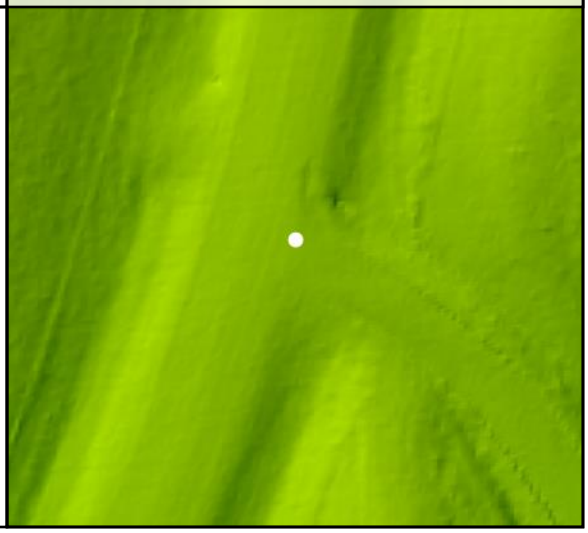


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

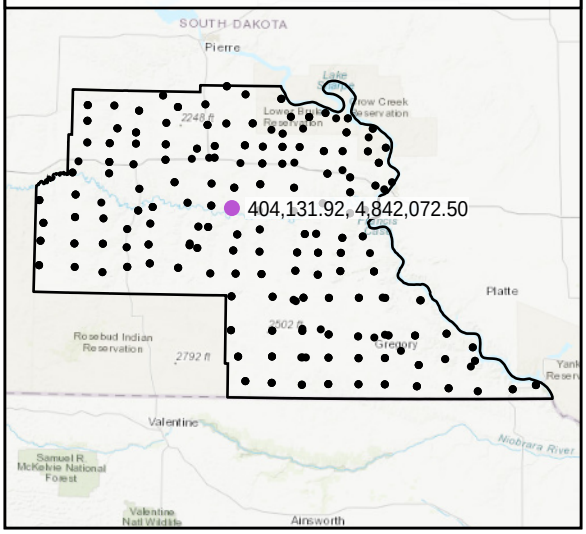
CAL - CAL081

Raw TIN Dz +0.01 m

CAL082

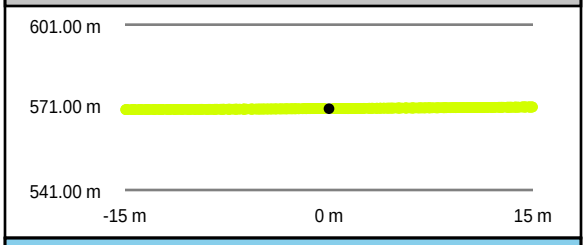
Known Z	570.51 m	Point Density	4.74 ppsm
DEM Dz	0.05 m	Ground Density	4.74 ppsm
Raw TIN Dz	0.05 m	Slope	2.01 °

Project Context

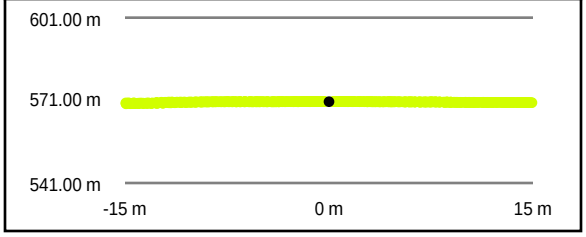


World Imagery

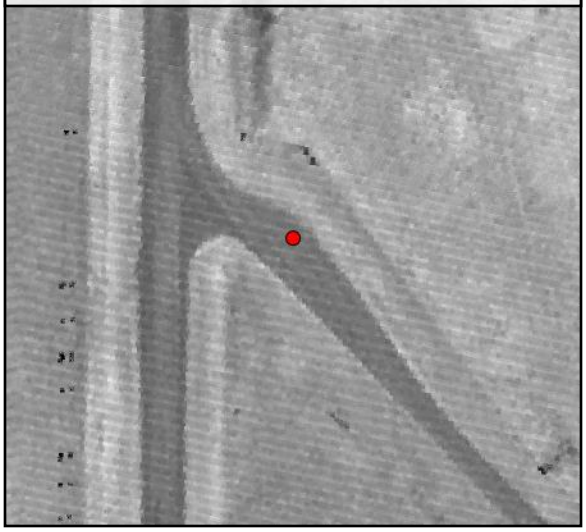
Southeast to Northwest



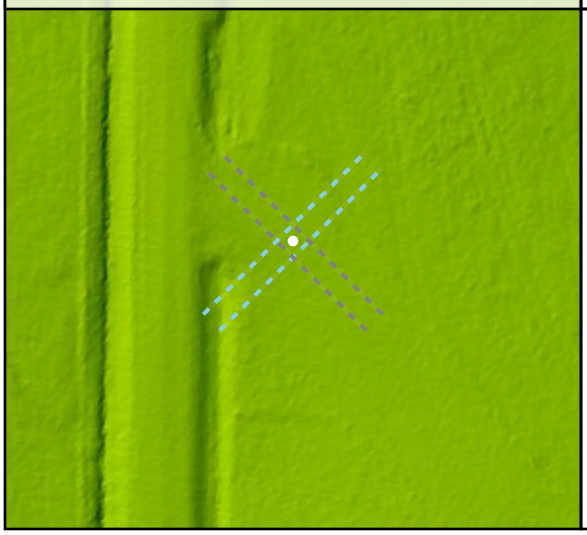
Southwest to Northeast



Intensity Raster



TIN Surface



Project Elevation

DEM Surface

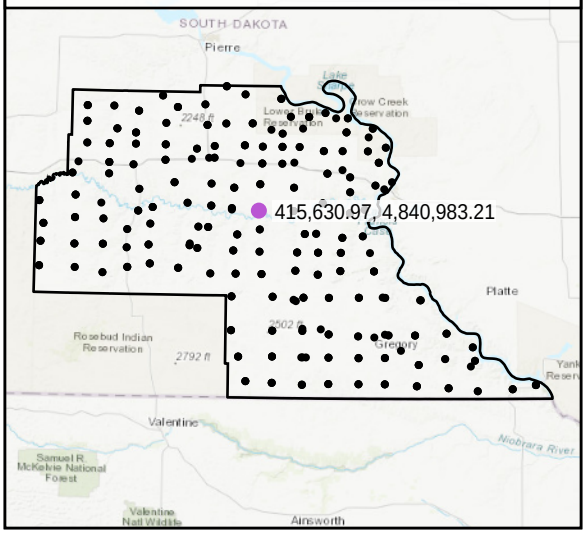
DEM Dz +0.05 m

CAL - CAL082

Raw TIN Dz +0.05 m

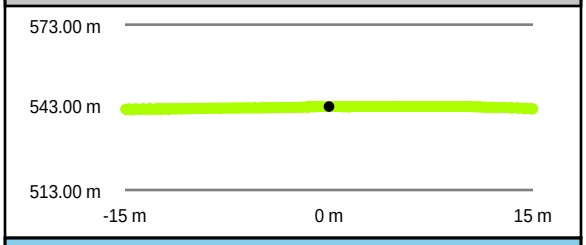
CAL083				
	Known Z	543.29 m	Point Density	4.81 ppsm
	DEM Dz	-0.04 m	Ground Density	4.81 ppsm
	Raw TIN Dz	-0.04 m	Slope	2.81 °

Project Context

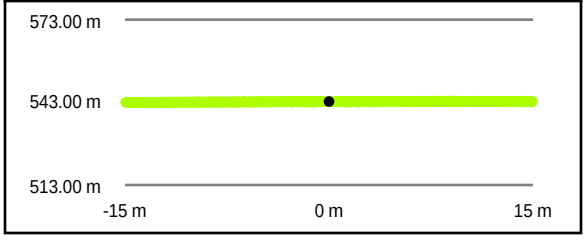


World Imagery

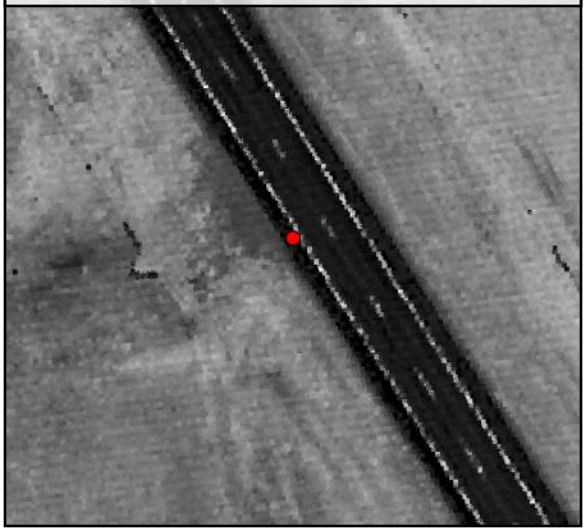
Southwest to Northeast



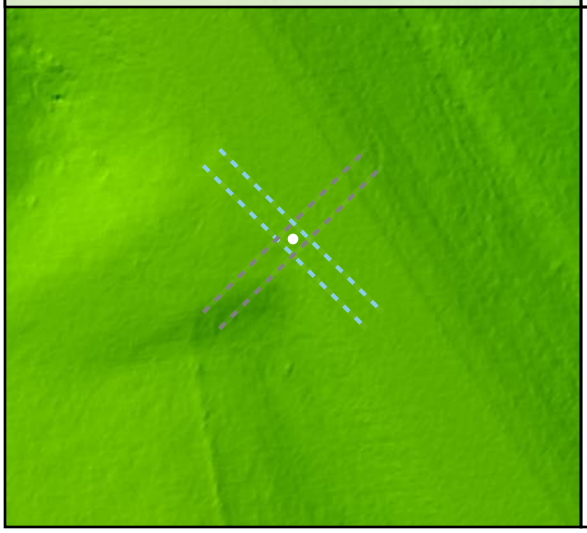
Southeast to Northwest



Intensity Raster

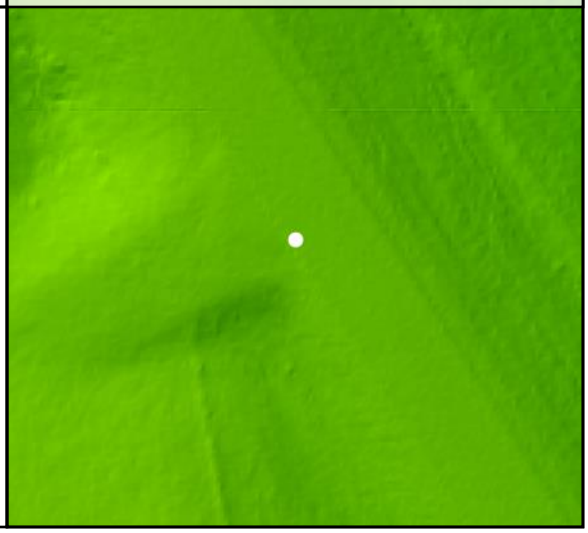


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

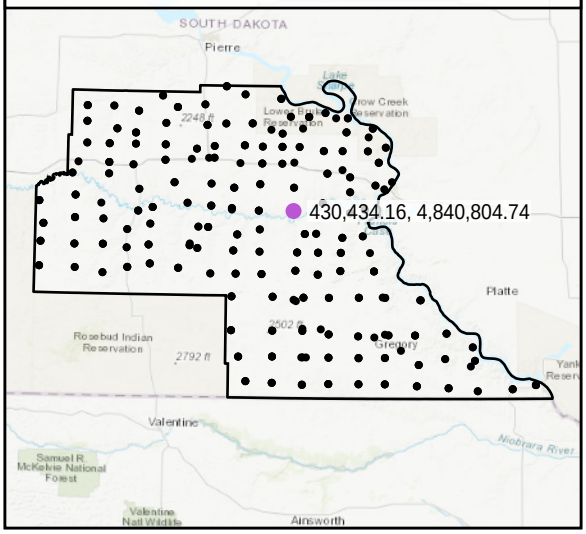
CAL - CAL083

Raw TIN Dz -0.04 m

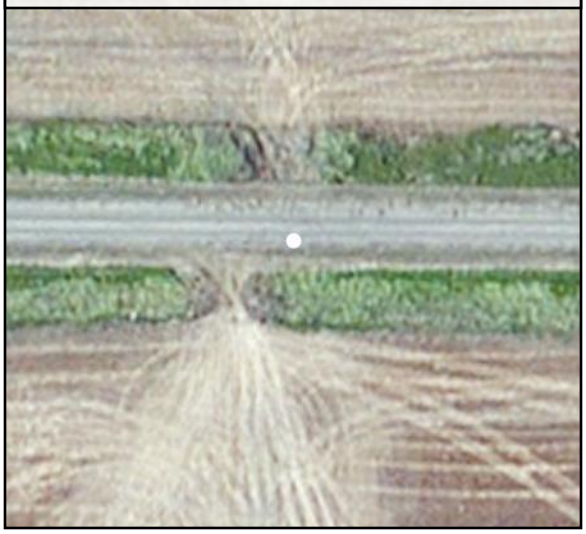
CAL084

Known Z	537.66 m	Point Density	4.81 ppsm
DEM Dz	0.01 m	Ground Density	4.81 ppsm
Raw TIN Dz	0.01 m	Slope	0.72 °

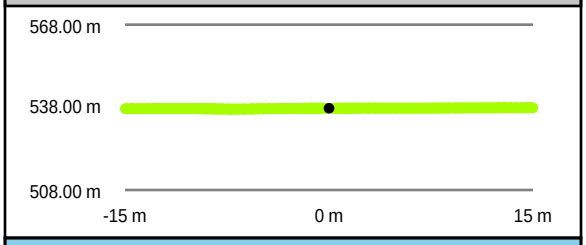
Project Context



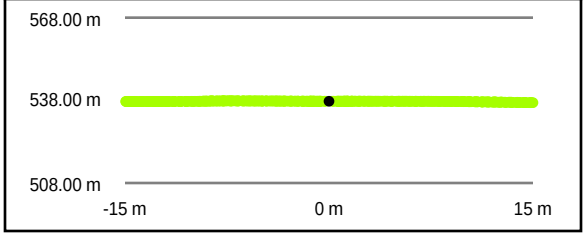
World Imagery



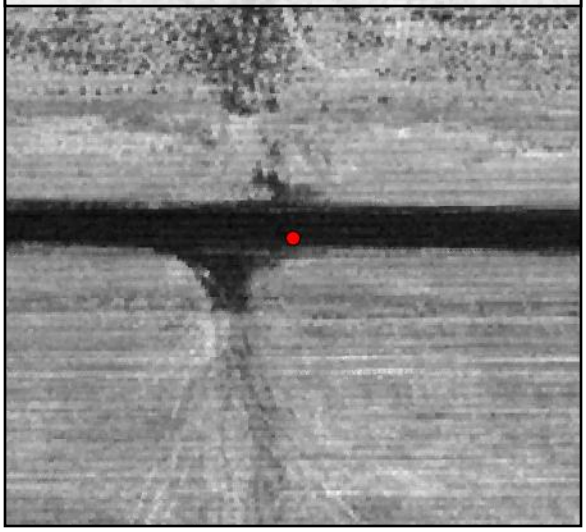
Southeast to Northwest



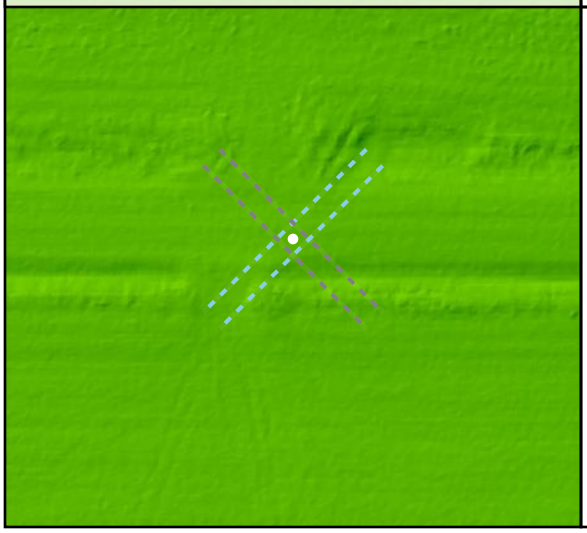
Southwest to Northeast



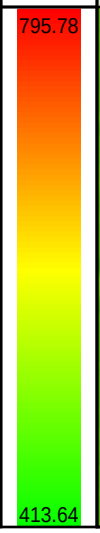
Intensity Raster



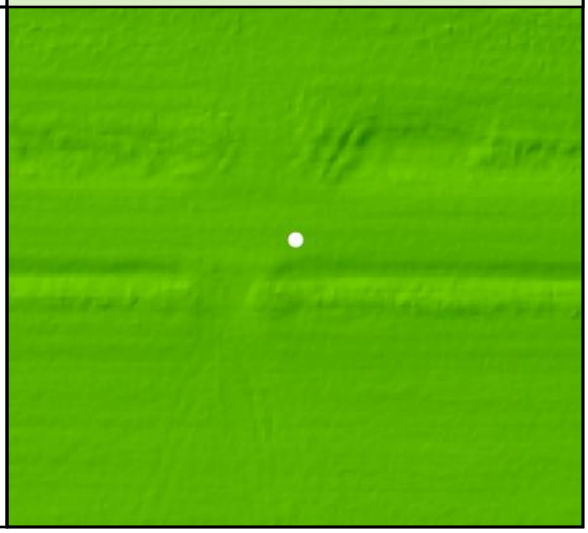
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.01 m

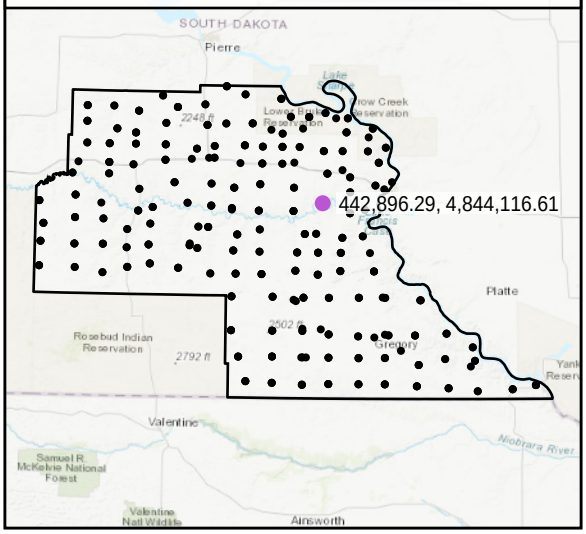
CAL - CAL084

Raw TIN Dz +0.01 m

CAL085

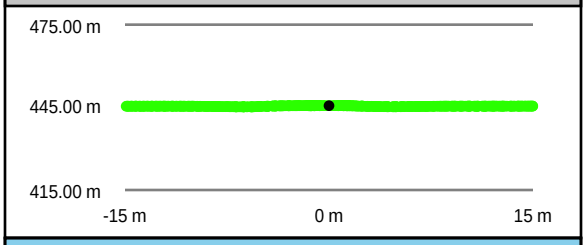
Known Z	445.60 m	Point Density	4.46 ppsm
DEM Dz	0.01 m	Ground Density	4.46 ppsm
Raw TIN Dz	0.01 m	Slope	2.11 °

Project Context

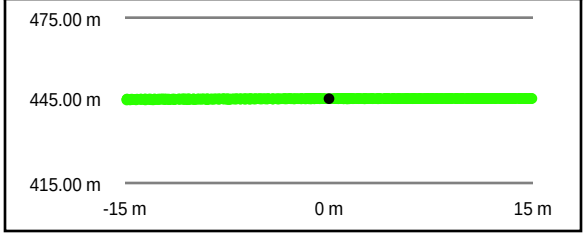


World Imagery

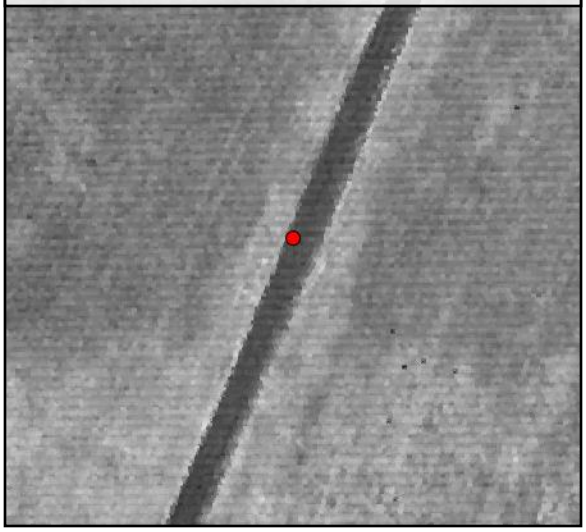
Southeast to Northwest



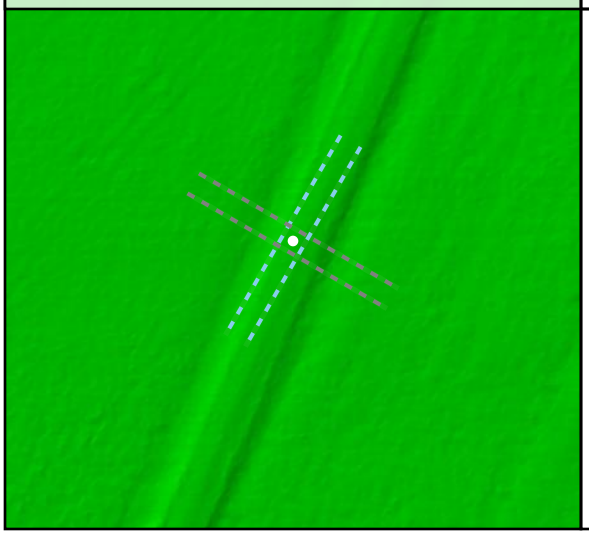
Southwest to Northeast



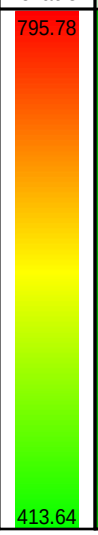
Intensity Raster



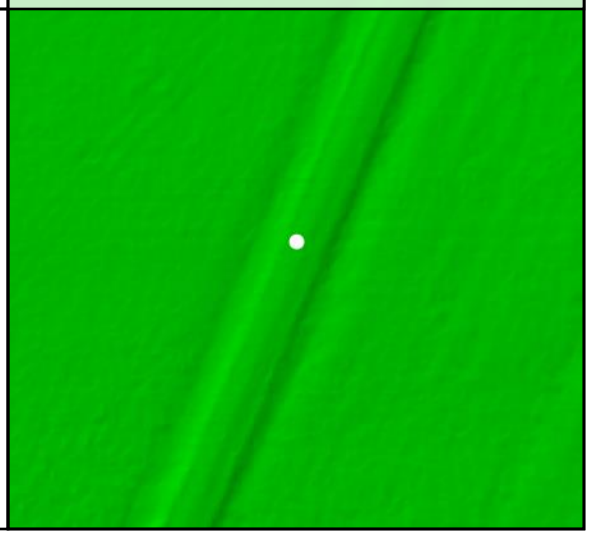
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.01 m

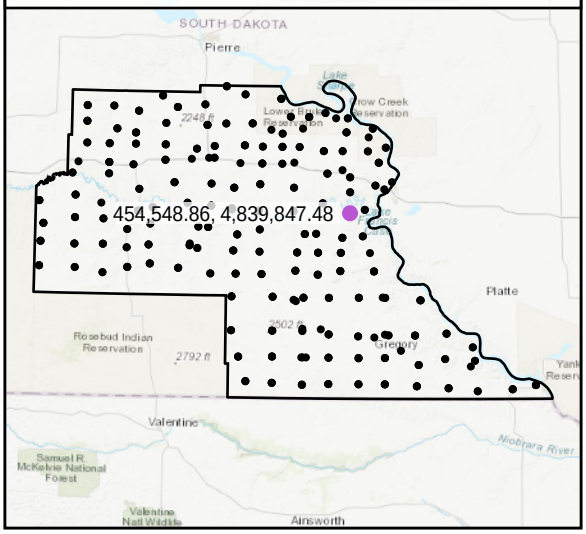
CAL - CAL085

Raw TIN Dz +0.01 m

CAL086

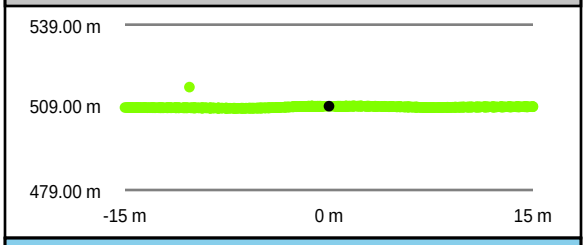
Known Z	509.42 m	Point Density	4.67 ppsm
DEM Dz	-0.06 m	Ground Density	4.67 ppsm
Raw TIN Dz	-0.06 m	Slope	4.54 °

Project Context

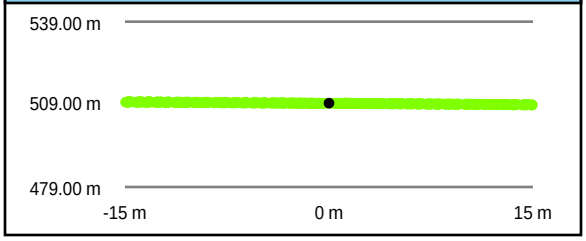


World Imagery

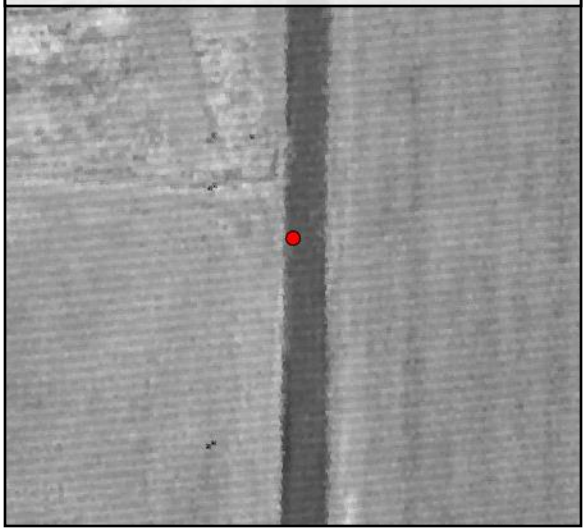
West to East



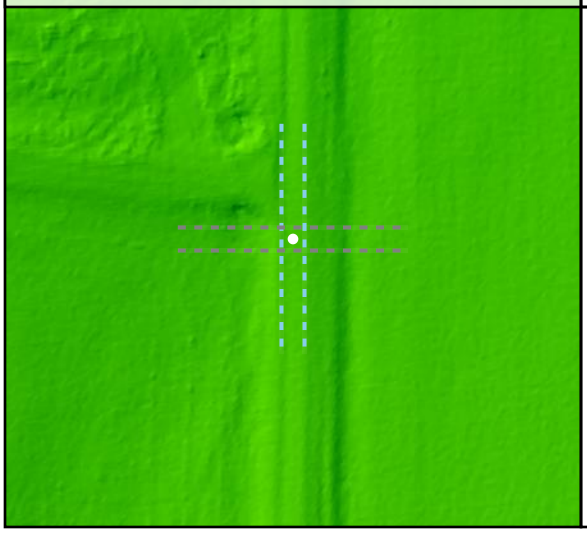
South to North



Intensity Raster

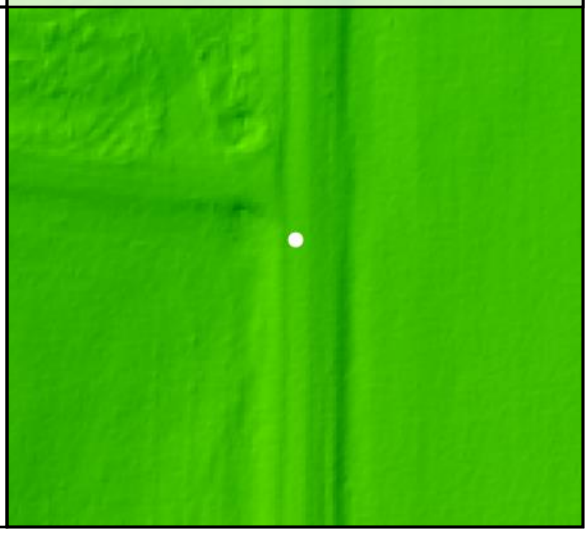


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

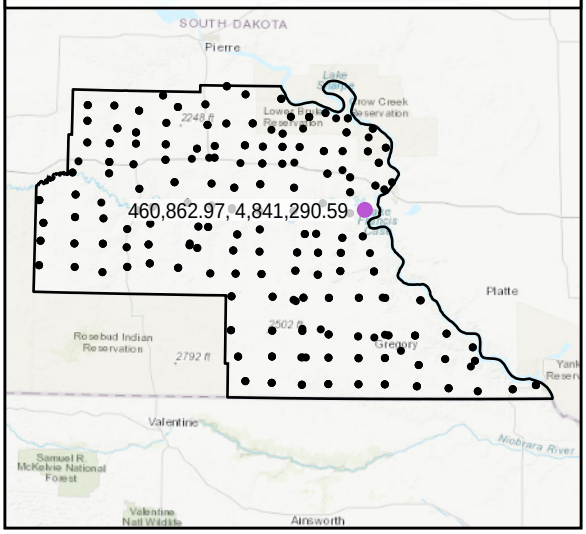
CAL - CAL086

Raw TIN Dz -0.06 m

CAL087

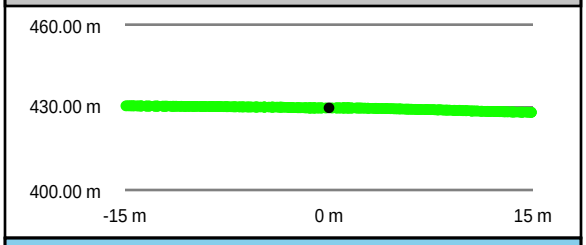
Known Z	429.81 m	Point Density	4.03 ppsm
DEM Dz	-0.04 m	Ground Density	4.03 ppsm
Raw TIN Dz	-0.04 m	Slope	1.94 °

Project Context

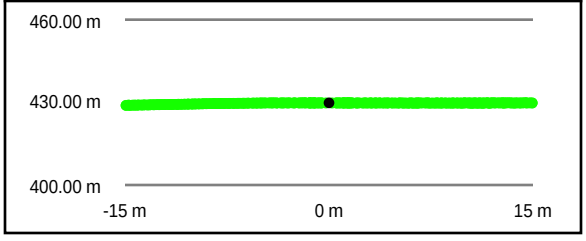


World Imagery

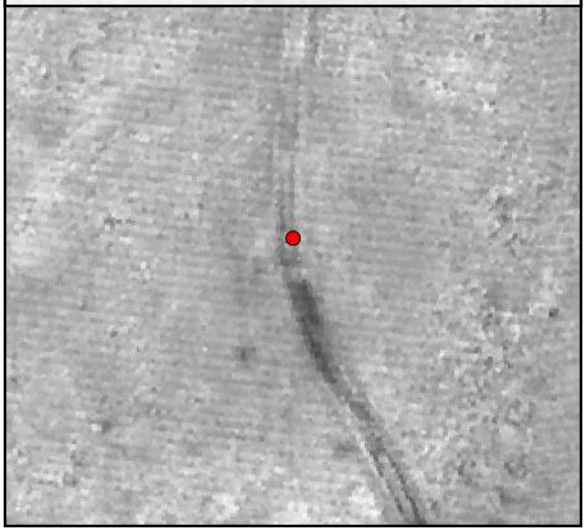
Southwest to Northeast



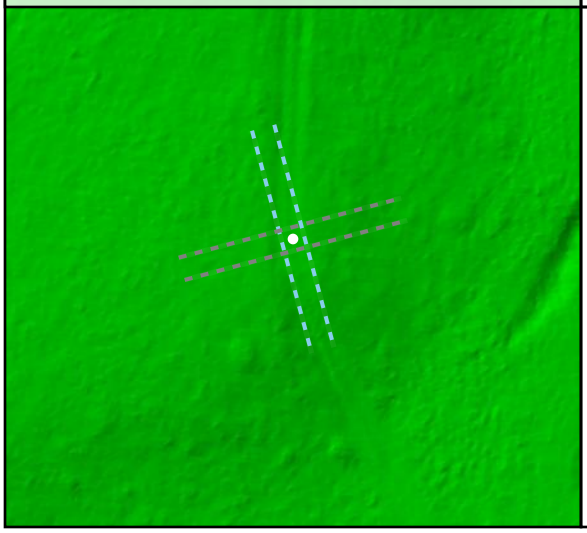
Southeast to Northwest



Intensity Raster



TIN Surface

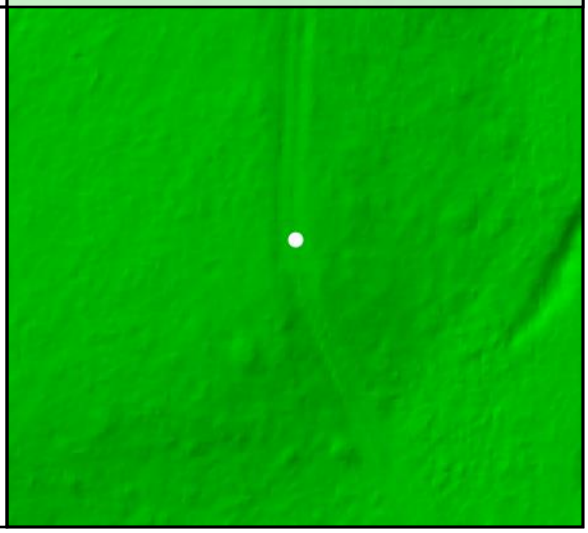


Project Elevation

795.78

413.64

DEM Surface



DEM Dz -0.04 m

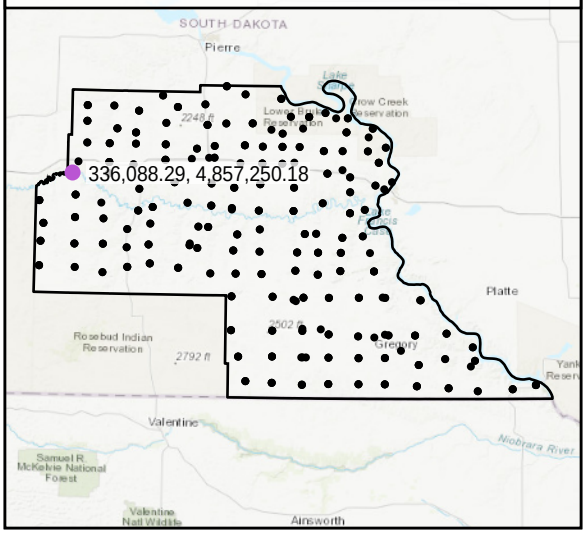
CAL - CAL087

Raw TIN Dz -0.04 m

CAL088

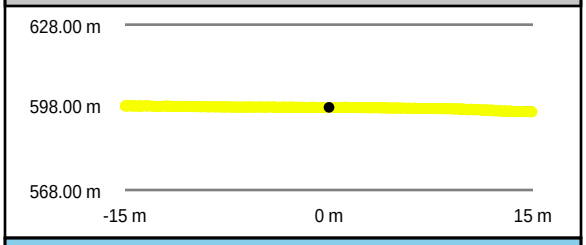
Known Z	597.99 m	Point Density	5.87 ppsm
DEM Dz	-0.09 m	Ground Density	2.62 ppsm
Raw TIN Dz	-0.09 m	Slope	2.64 °

Project Context

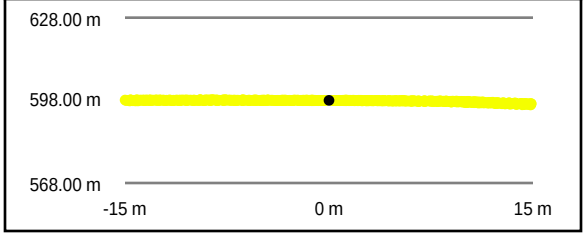


World Imagery

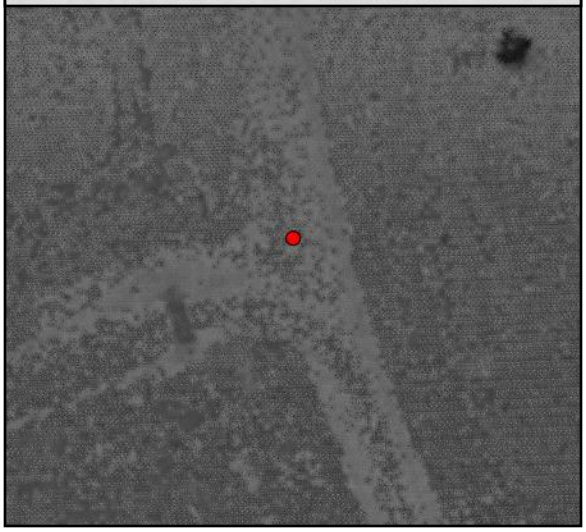
Southwest to Northeast



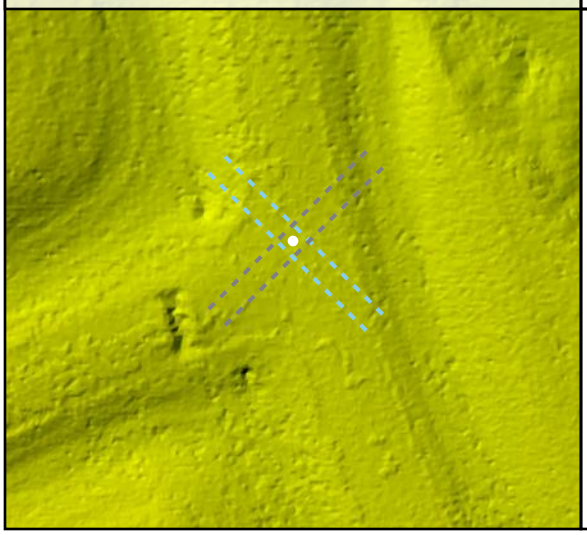
Southeast to Northwest



Intensity Raster

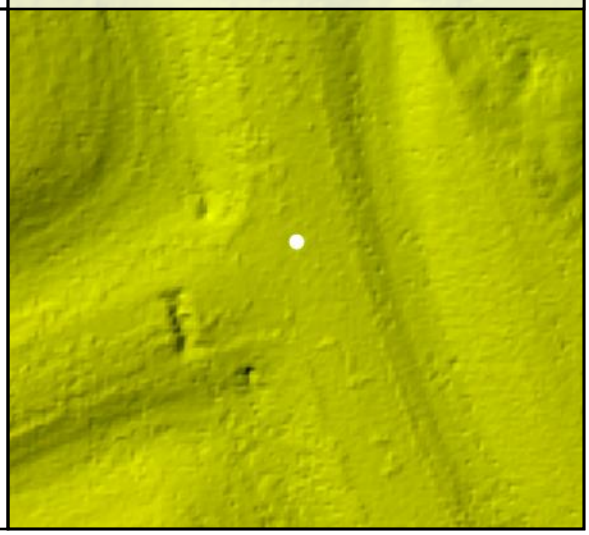


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.09 m

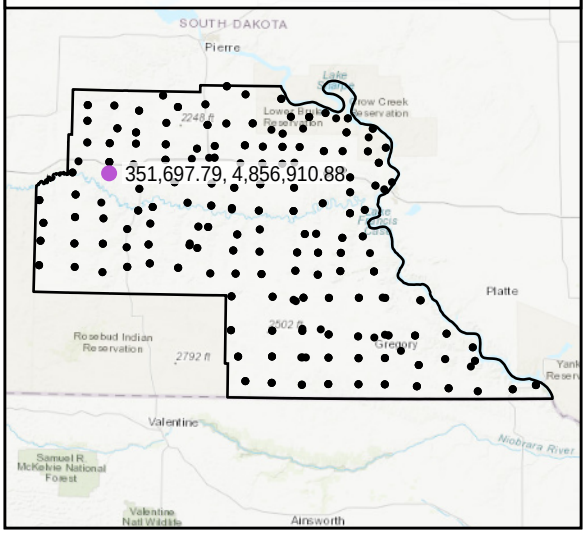
CAL - CAL088

Raw TIN Dz -0.09 m

CAL089

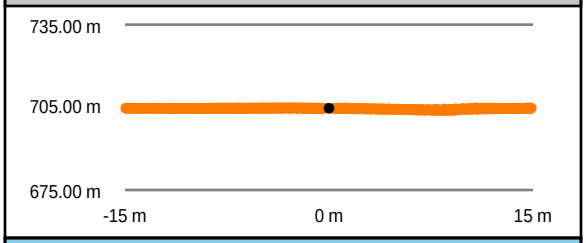
Known Z	704.66 m	Point Density	4.81 ppsm
DEM Dz	-0.02 m	Ground Density	4.81 ppsm
Raw TIN Dz	-0.02 m	Slope	3.28 °

Project Context

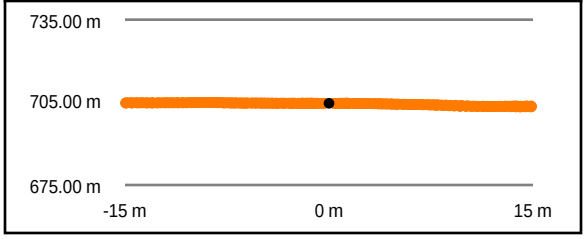


World Imagery

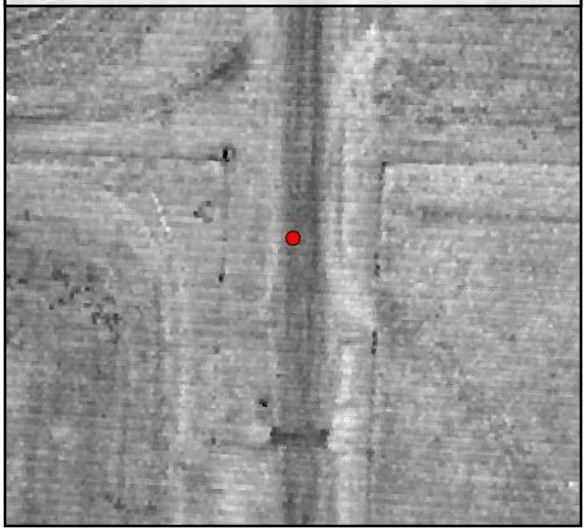
Southeast to Northwest



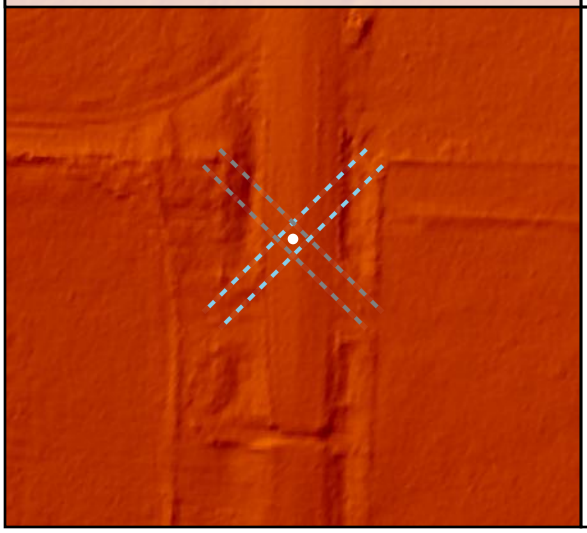
Southwest to Northeast



Intensity Raster

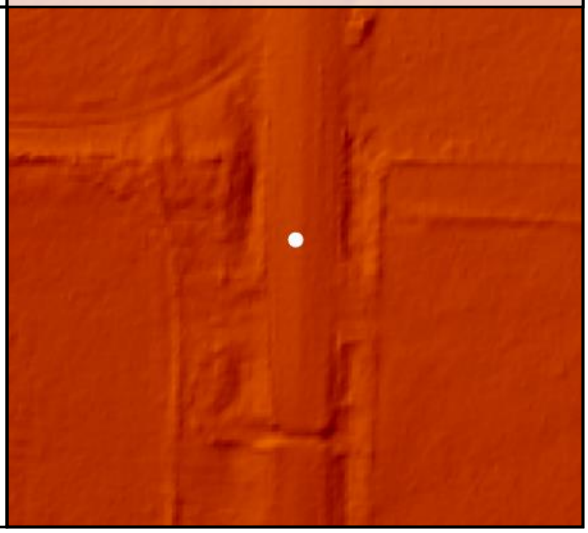


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

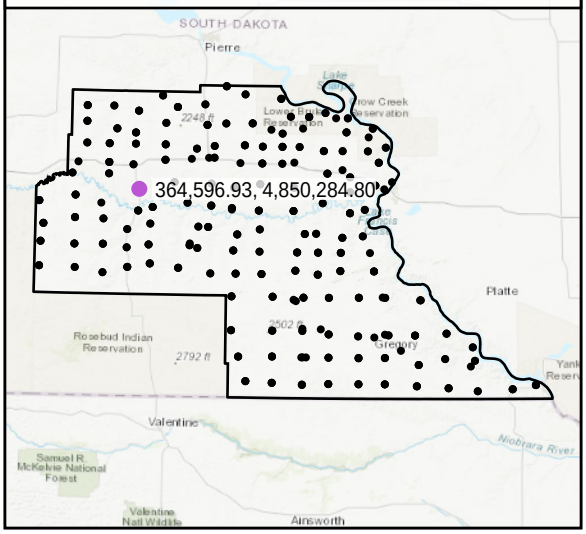
CAL - CAL089

Raw TIN Dz -0.02 m

CAL090

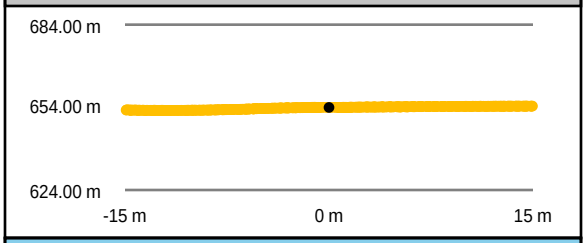
Known Z	653.96 m	Point Density	5.09 ppsm
DEM Dz	0.03 m	Ground Density	5.09 ppsm
Raw TIN Dz	0.03 m	Slope	2.54 °

Project Context

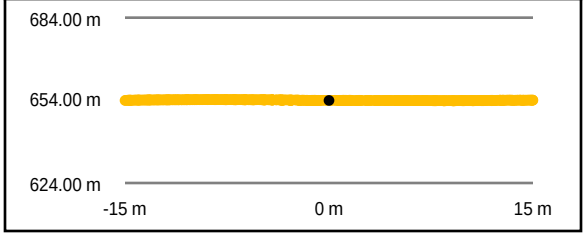


World Imagery

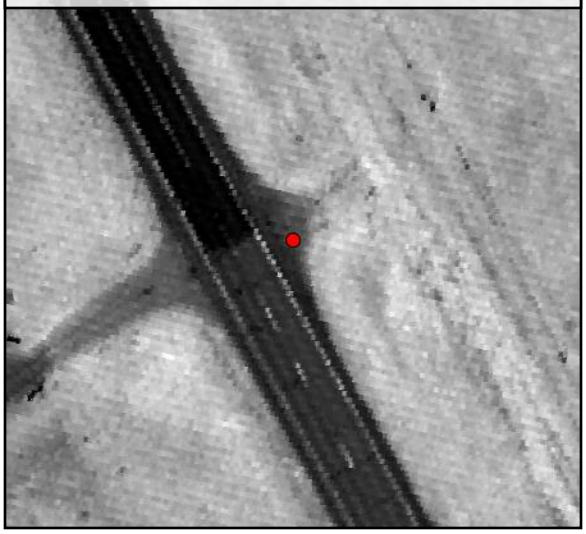
Southeast to Northwest



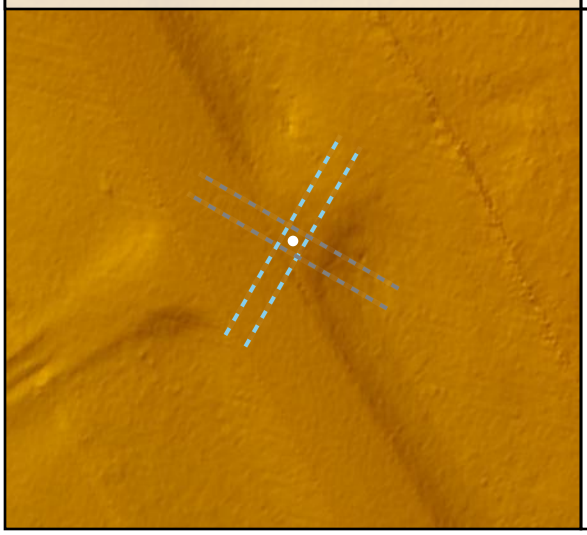
Southwest to Northeast



Intensity Raster

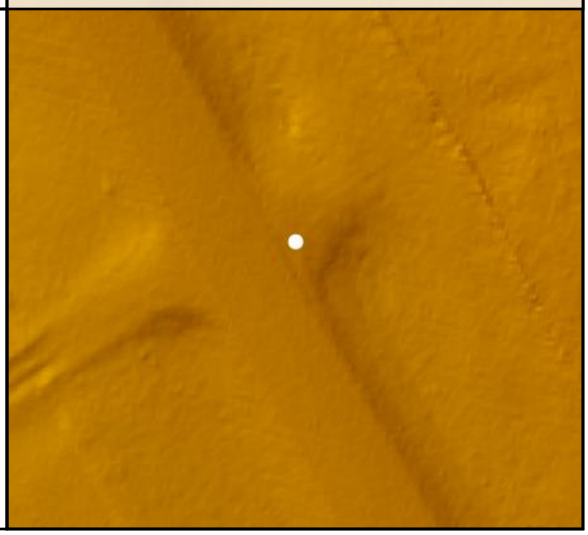


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

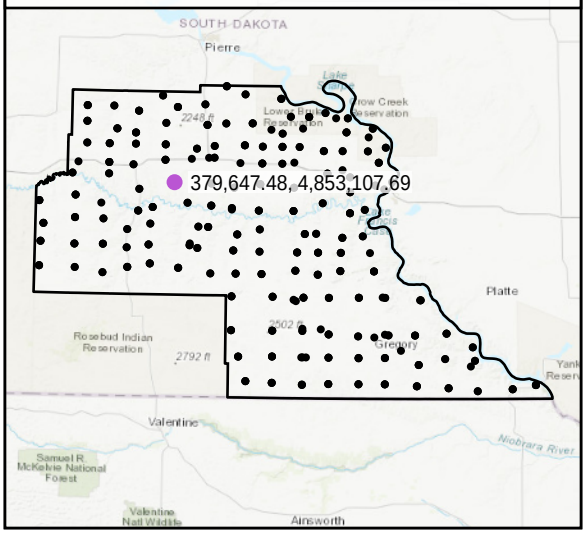
CAL - CAL090

Raw TIN Dz +0.03 m

CAL091

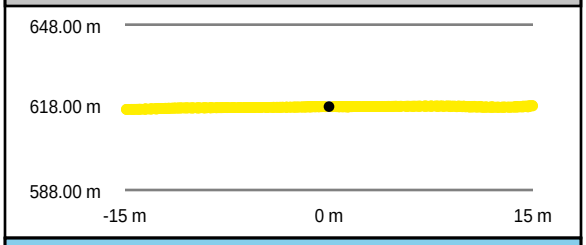
Known Z	618.26 m	Point Density	5.59 ppsm
DEM Dz	-0.04 m	Ground Density	5.59 ppsm
Raw TIN Dz	-0.04 m	Slope	3.03 °

Project Context

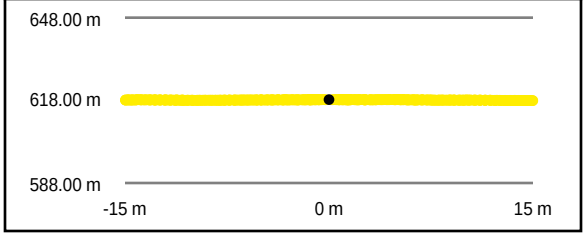


World Imagery

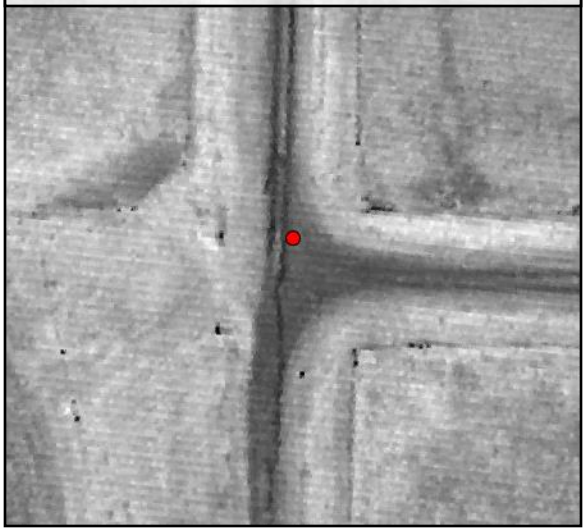
Southeast to Northwest



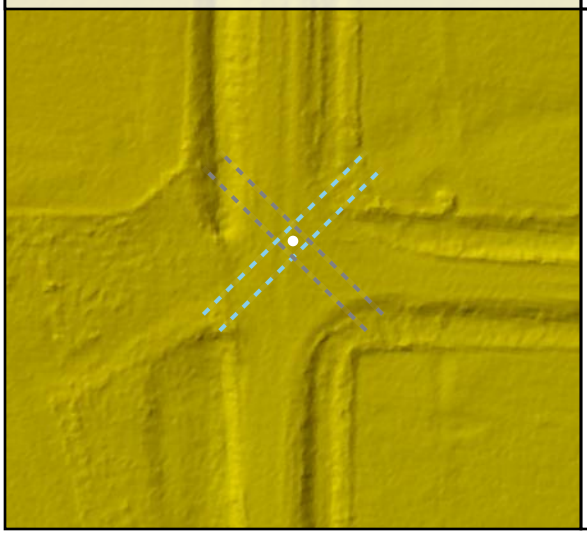
Southwest to Northeast



Intensity Raster

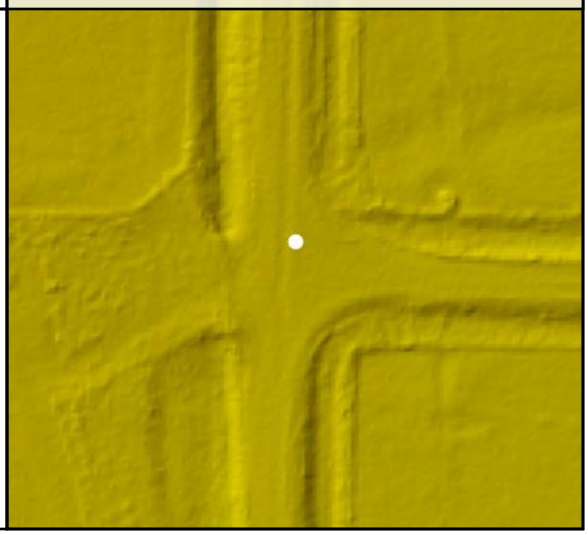


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

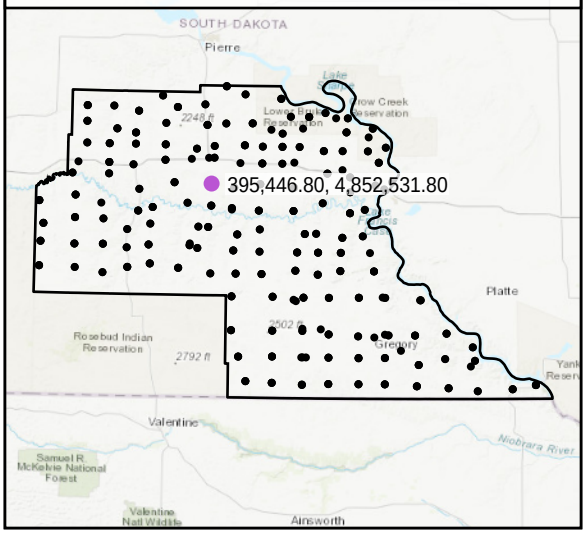
CAL - CAL091

Raw TIN Dz -0.04 m

CAL092

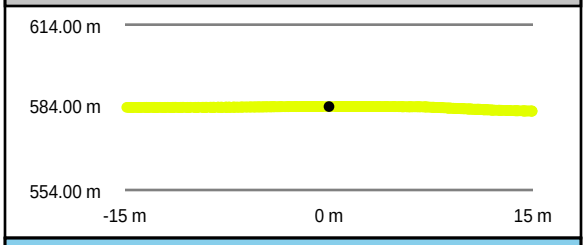
Known Z	584.28 m	Point Density	5.13 ppsm
DEM Dz	0.01 m	Ground Density	5.13 ppsm
Raw TIN Dz	0.01 m	Slope	1.29 °

Project Context

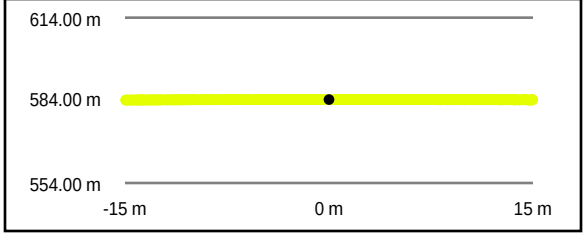


World Imagery

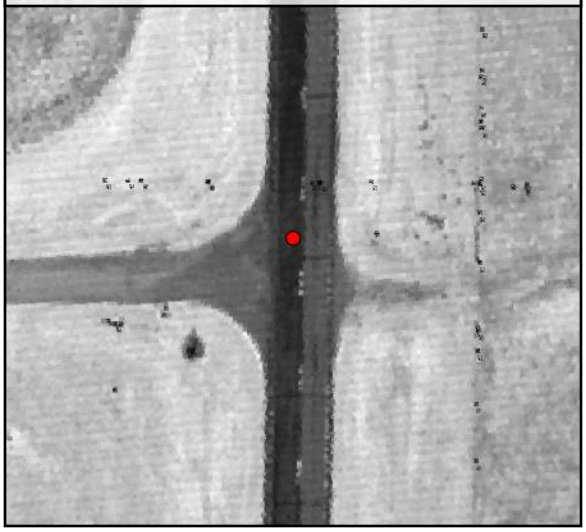
Southwest to Northeast



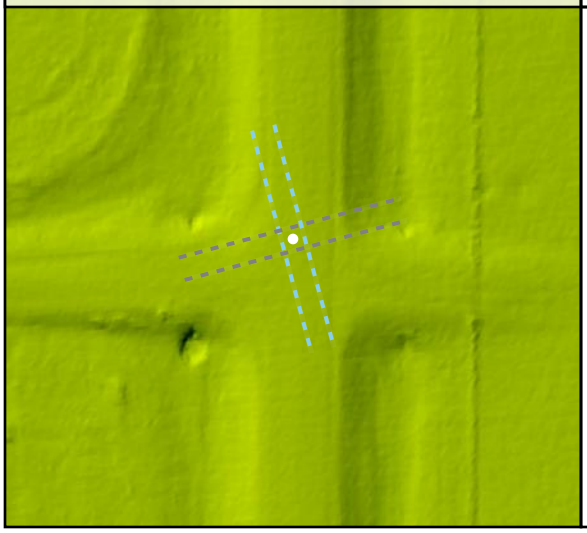
Southeast to Northwest



Intensity Raster

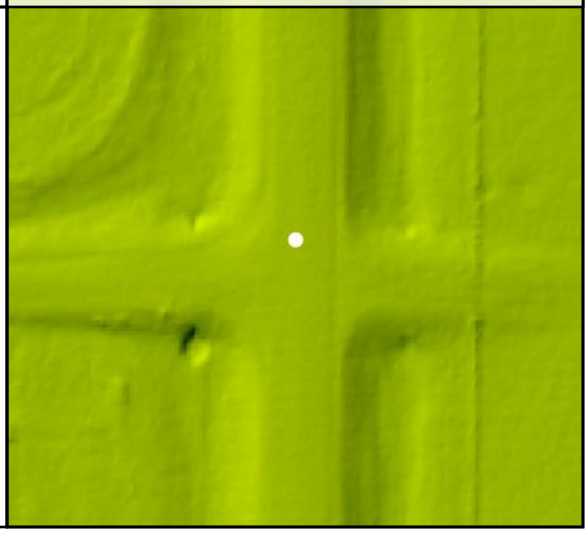


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

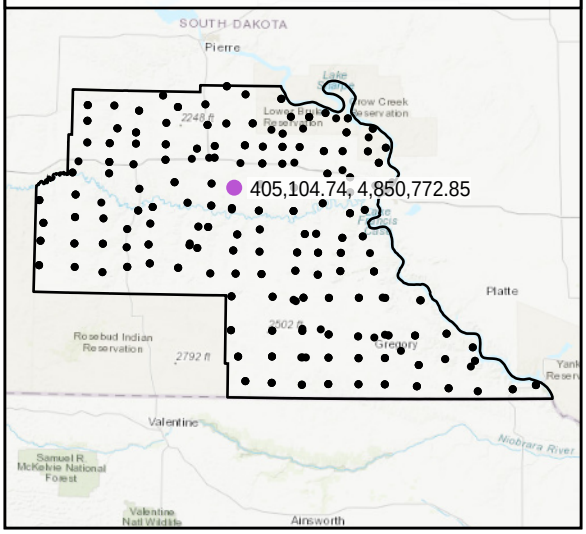
CAL - CAL092

Raw TIN Dz +0.01 m

CAL093

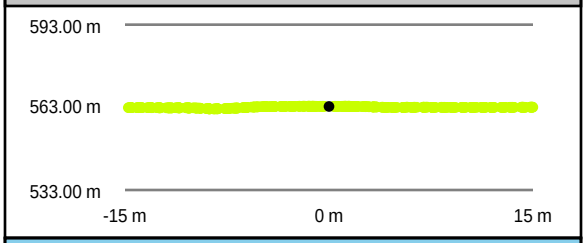
Known Z	563.31 m	Point Density	4.35 ppsm
DEM Dz	0.05 m	Ground Density	4.35 ppsm
Raw TIN Dz	0.05 m	Slope	2.19 °

Project Context

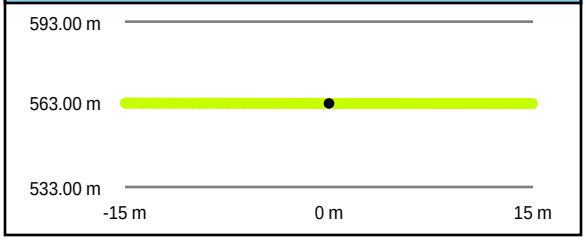


World Imagery

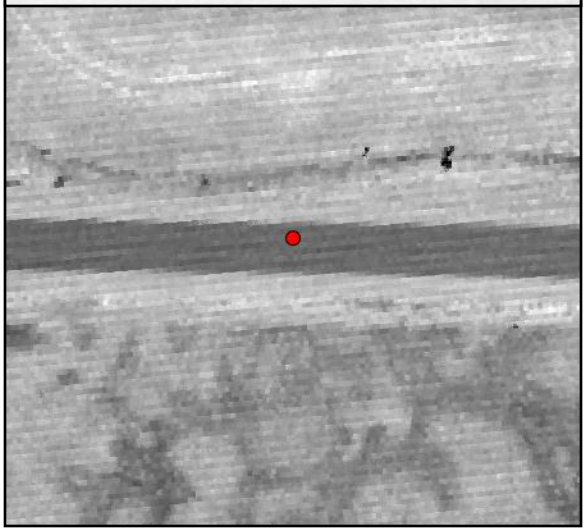
South to North



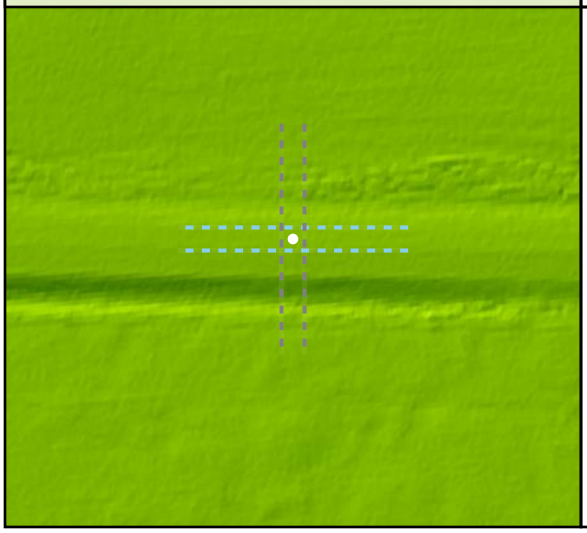
West to East



Intensity Raster

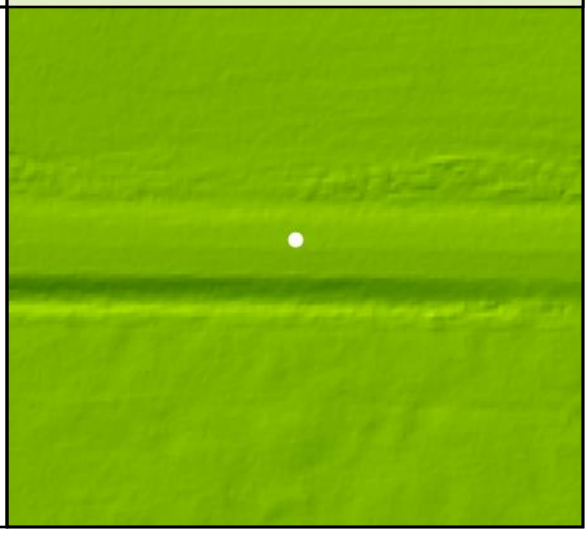


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

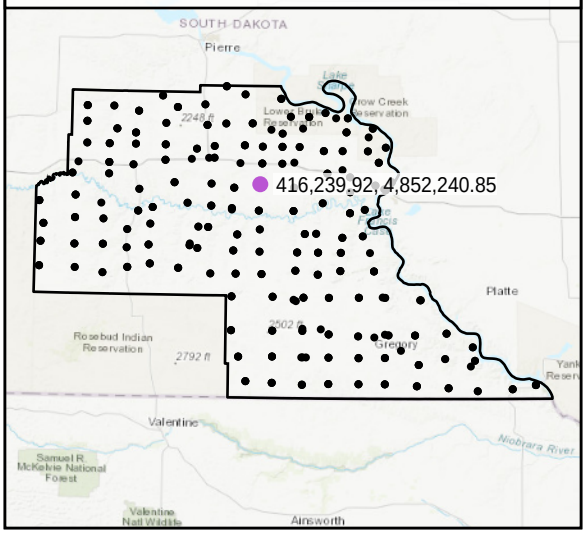
CAL - CAL093

Raw TIN Dz +0.05 m

CAL094

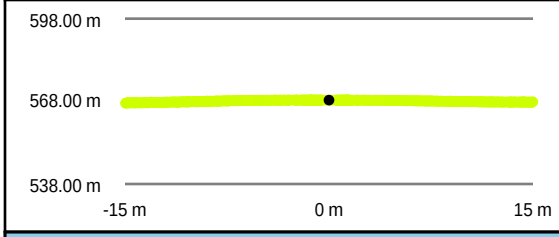
Known Z	568.44 m	Point Density	5.02 ppsm
DEM Dz	-0.01 m	Ground Density	5.02 ppsm
Raw TIN Dz	-0.01 m	Slope	1.18 °

Project Context

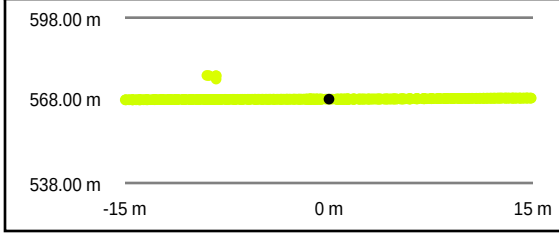


World Imagery

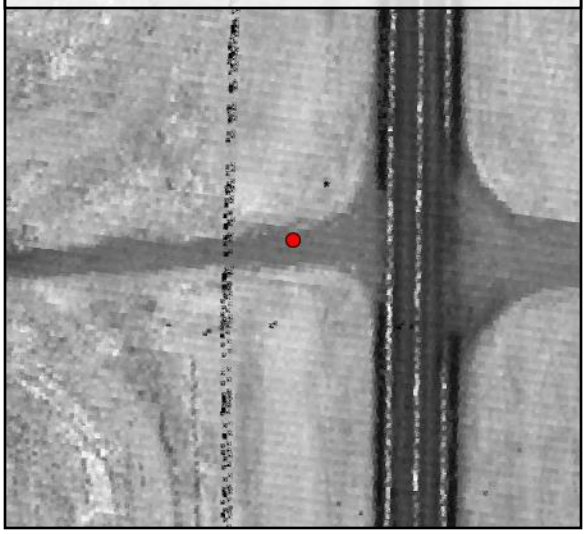
Southeast to Northwest



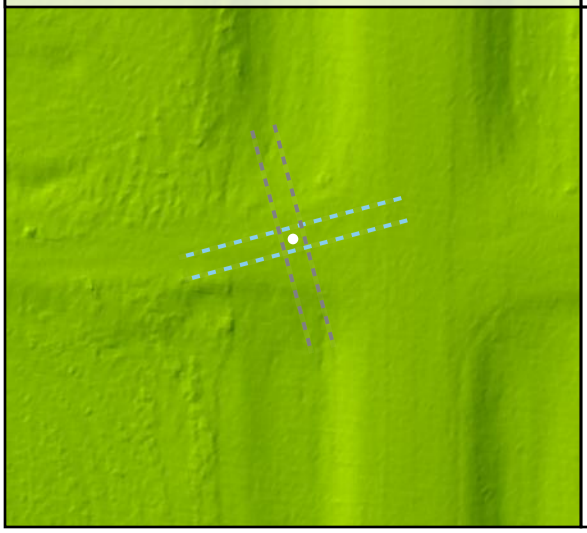
Southwest to Northeast



Intensity Raster



TIN Surface

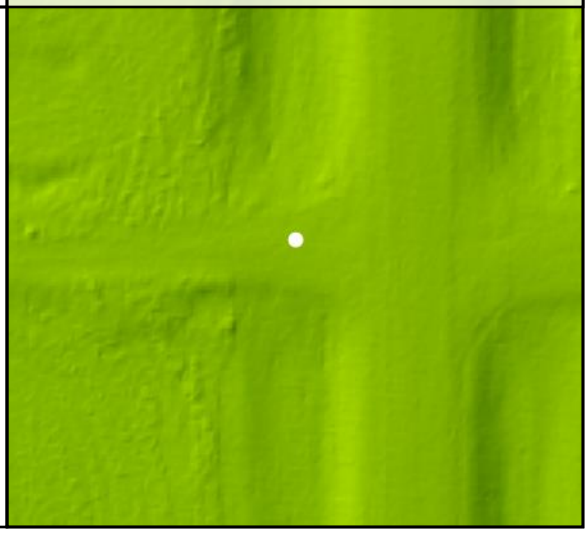


Project Elevation

795.78

413.64

DEM Surface



DEM Dz -0.01 m

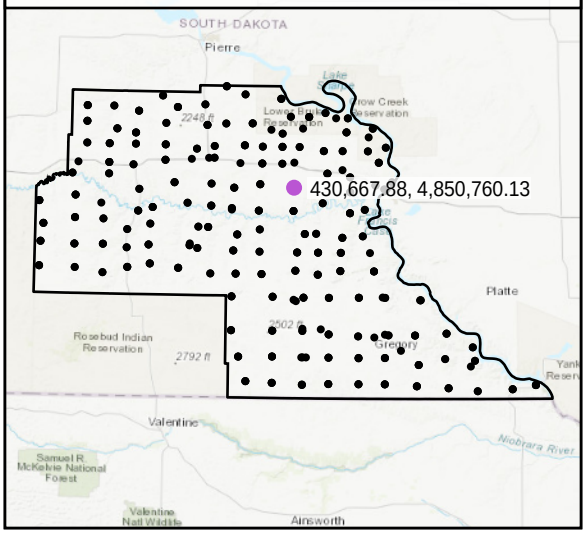
CAL - CAL094

Raw TIN Dz -0.01 m

CAL095

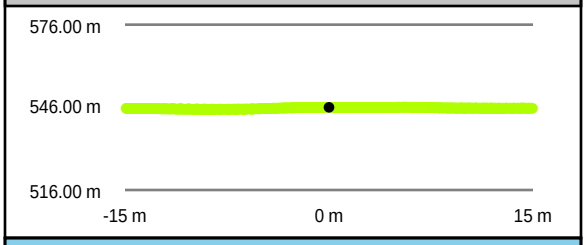
Known Z	545.99 m	Point Density	5.13 ppsm
DEM Dz	-0.03 m	Ground Density	5.13 ppsm
Raw TIN Dz	-0.03 m	Slope	0.91 °

Project Context

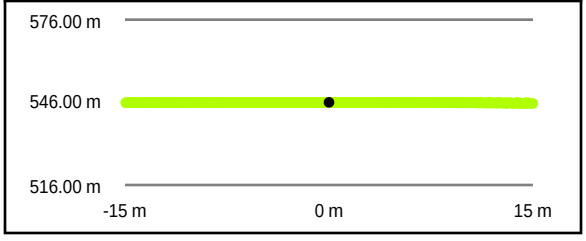


World Imagery

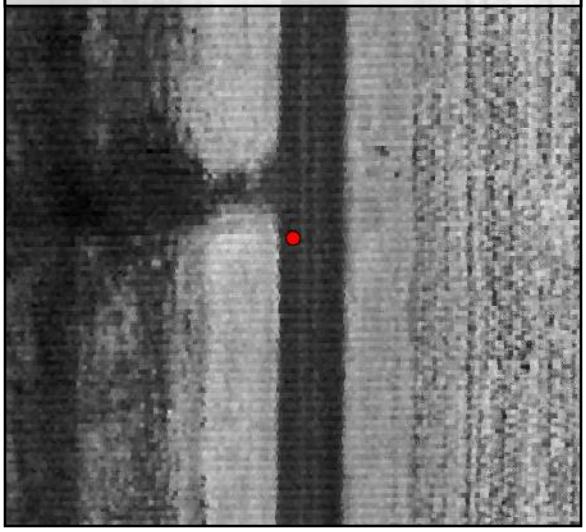
Southwest to Northeast



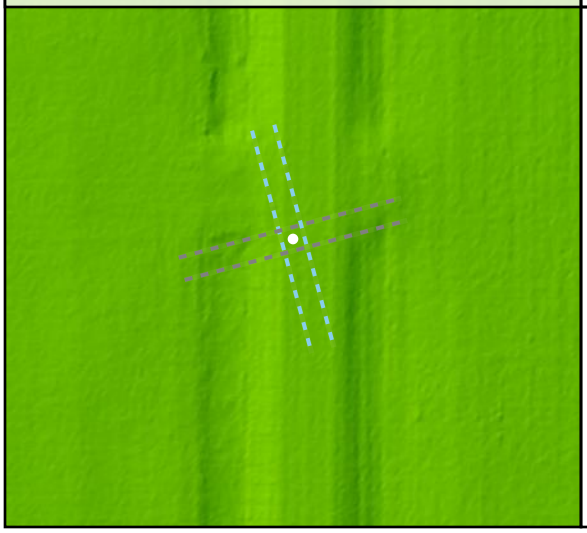
Southeast to Northwest



Intensity Raster

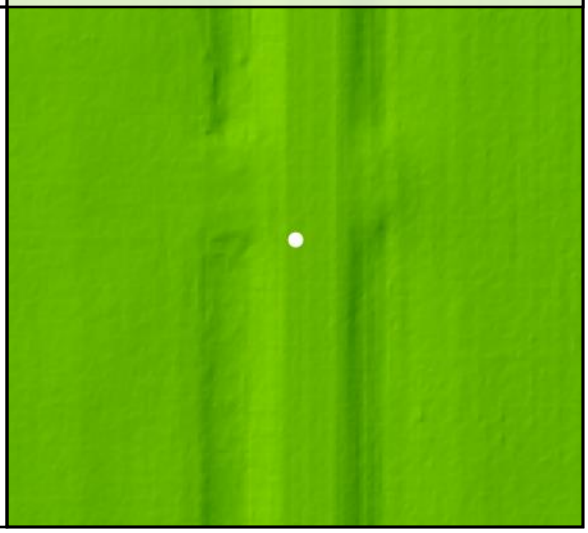


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

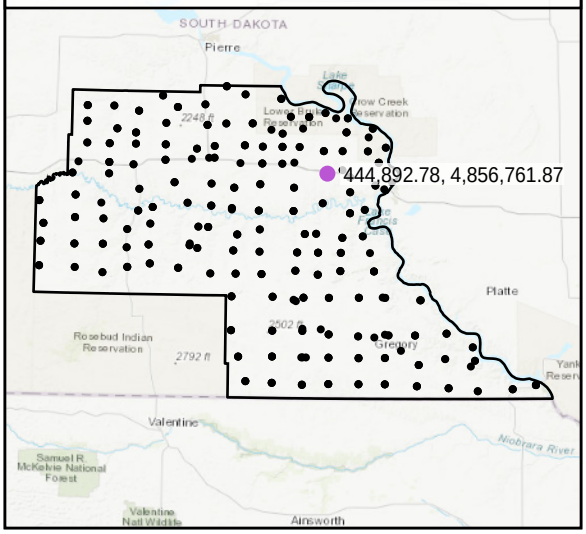
CAL - CAL095

Raw TIN Dz -0.03 m

CAL096

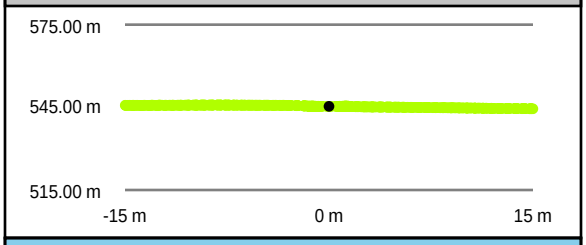
Known Z	545.36 m	Point Density	4.85 ppsm
DEM Dz	-0.01 m	Ground Density	4.85 ppsm
Raw TIN Dz	-0.01 m	Slope	4.28 °

Project Context

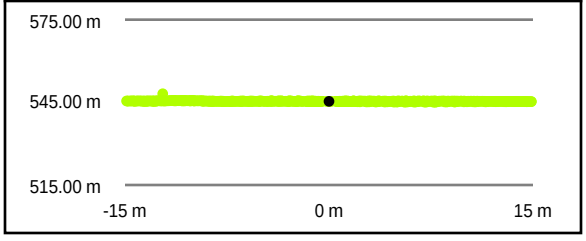


World Imagery

Southeast to Northwest

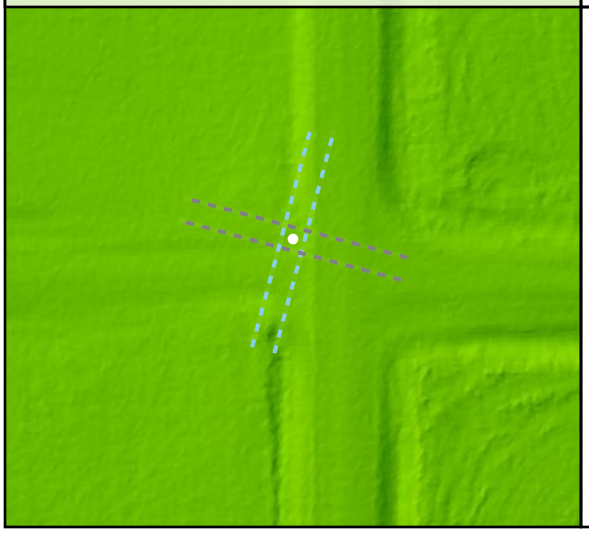


Southwest to Northeast

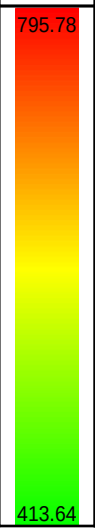


Intensity Raster

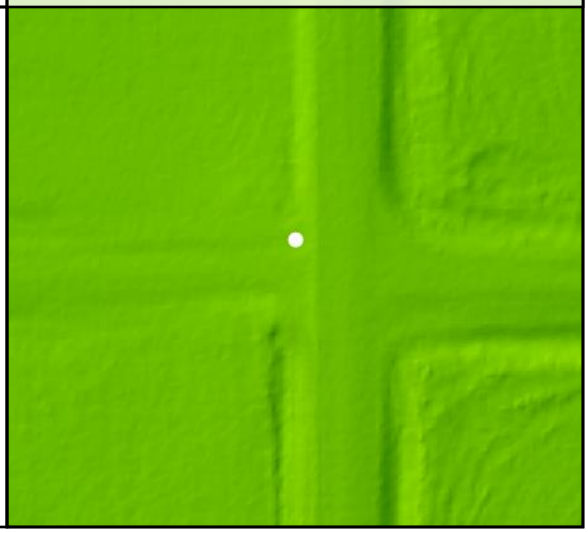
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.01 m

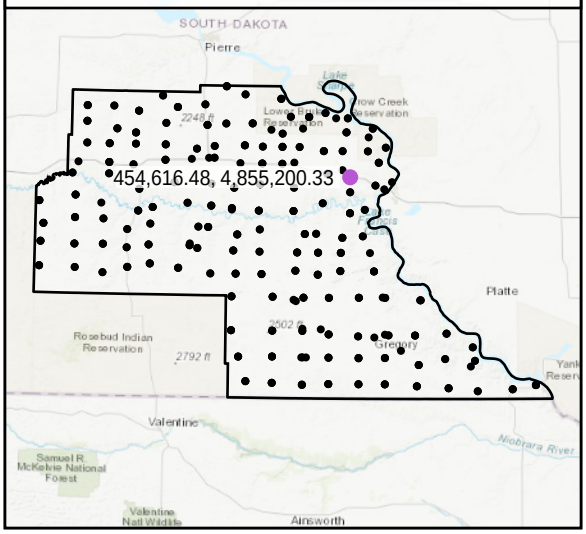
CAL - CAL096

Raw TIN Dz -0.01 m

CAL097

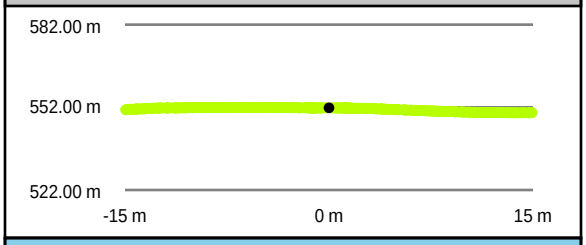
Known Z	551.82 m	Point Density	5.55 ppsm
DEM Dz	-0.04 m	Ground Density	5.55 ppsm
Raw TIN Dz	-0.04 m	Slope	2.66 °

Project Context

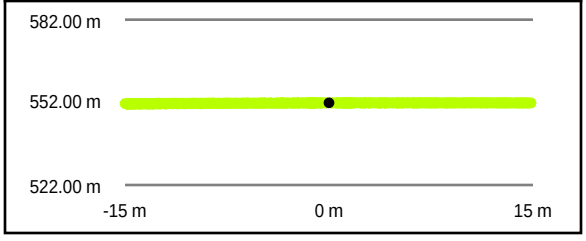


World Imagery

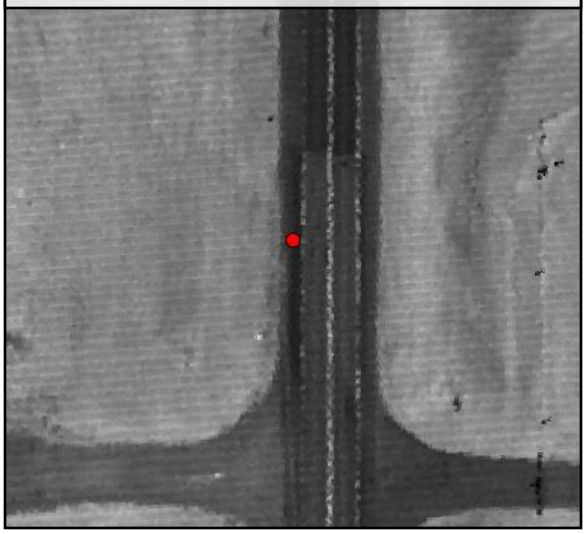
Southeast to Northwest



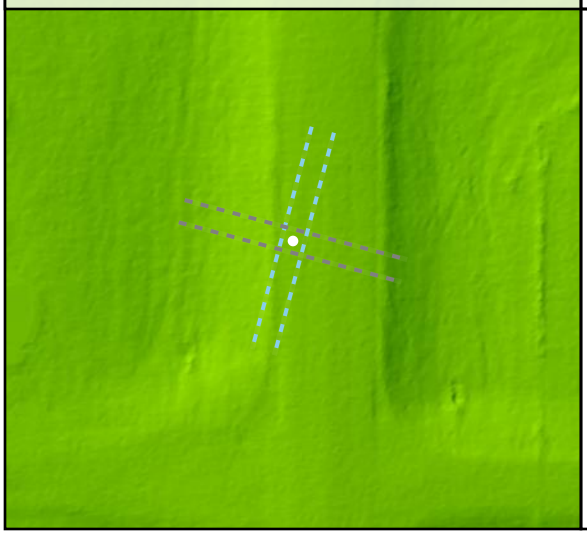
Southwest to Northeast



Intensity Raster

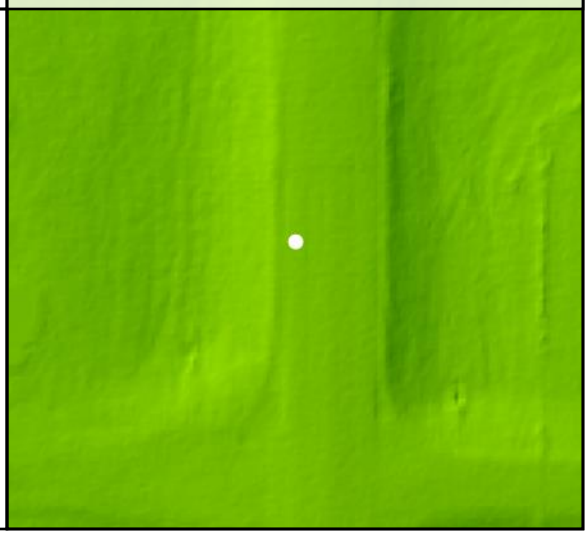


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.04 m

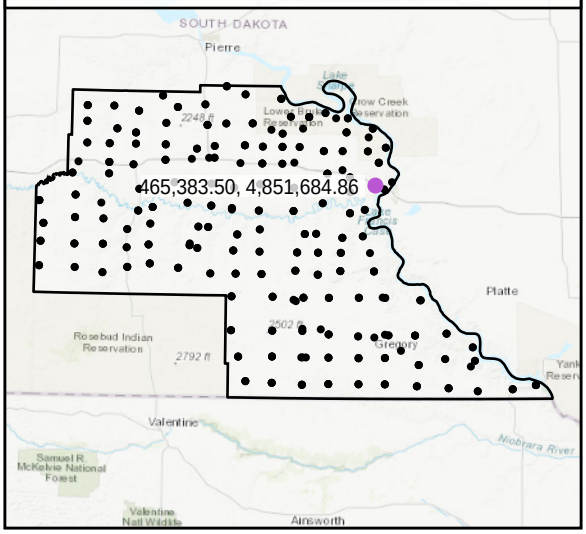
CAL - CAL097

Raw TIN Dz -0.04 m

CAL098

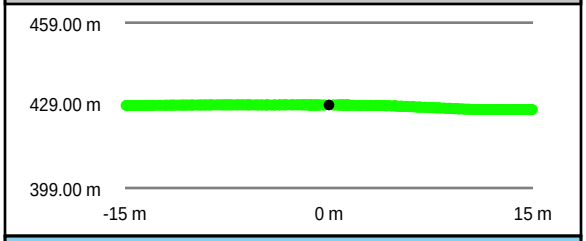
Known Z	429.13 m	Point Density	4.92 ppsm
DEM Dz	-0.01 m	Ground Density	4.92 ppsm
Raw TIN Dz	-0.01 m	Slope	1.96 °

Project Context

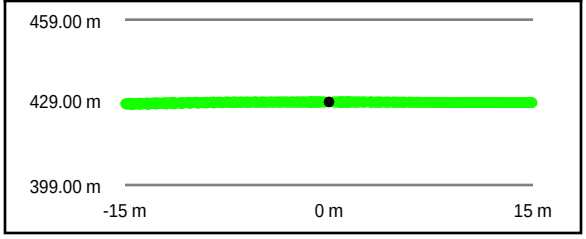


World Imagery

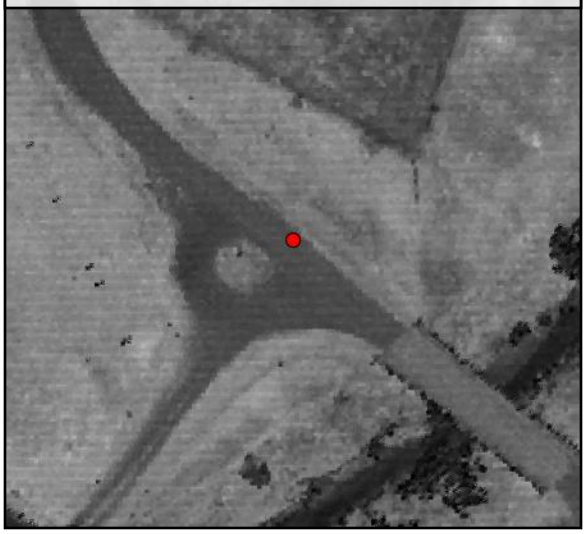
Southwest to Northeast



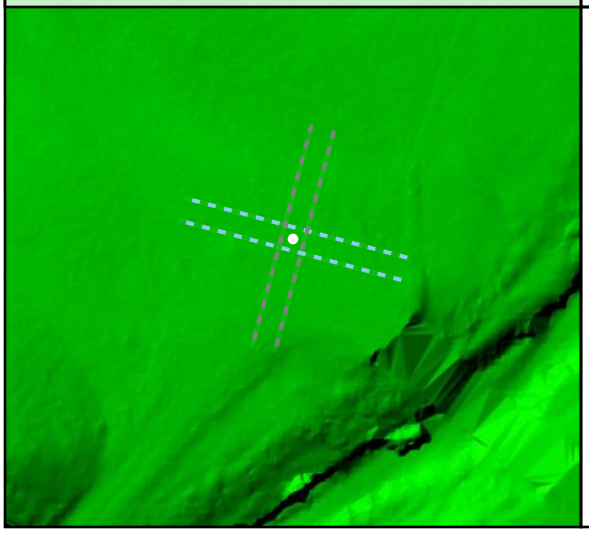
Southeast to Northwest



Intensity Raster

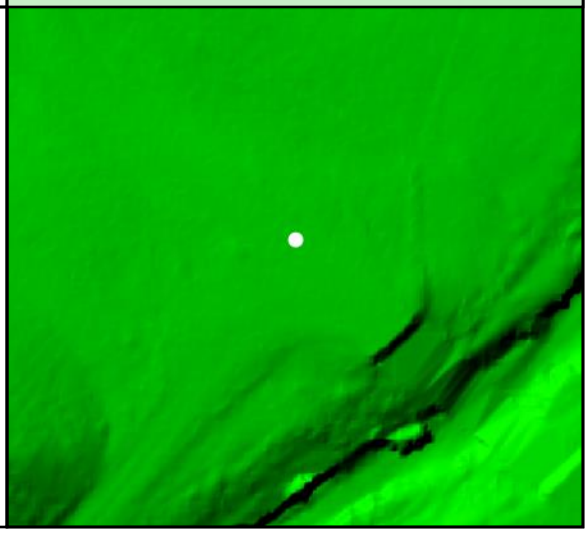


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

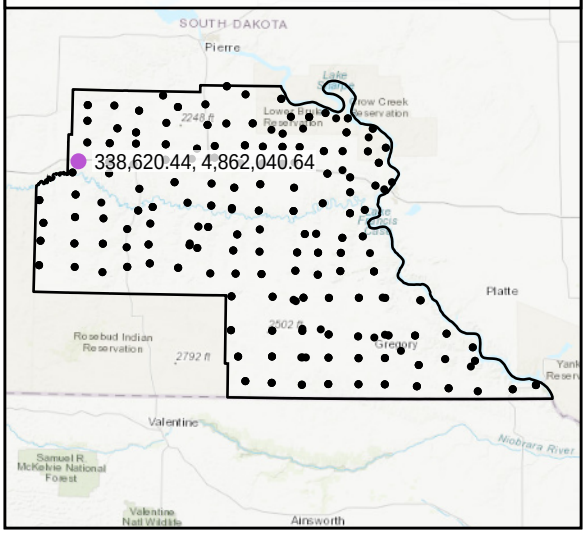
CAL - CAL098

Raw TIN Dz -0.01 m

CAL099

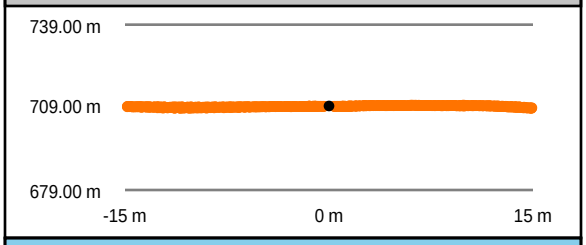
Known Z	709.49 m	Point Density	5.62 ppsm
DEM Dz	-0.12 m	Ground Density	5.38 ppsm
Raw TIN Dz	-0.12 m	Slope	1.82 °

Project Context

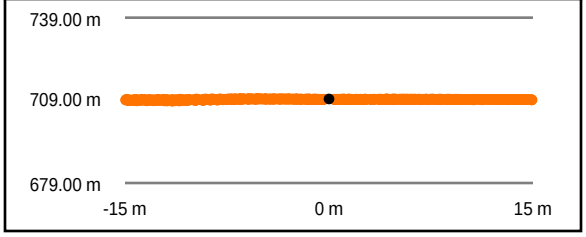


World Imagery

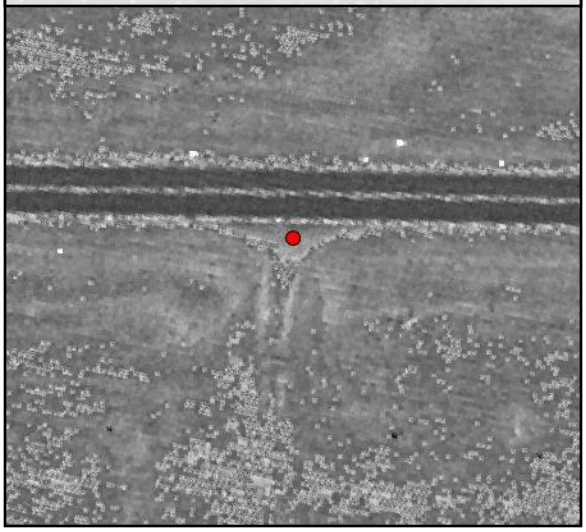
Southeast to Northwest



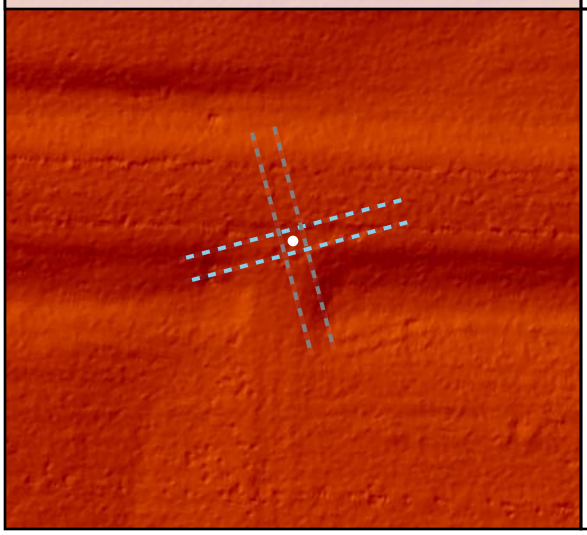
Southwest to Northeast



Intensity Raster

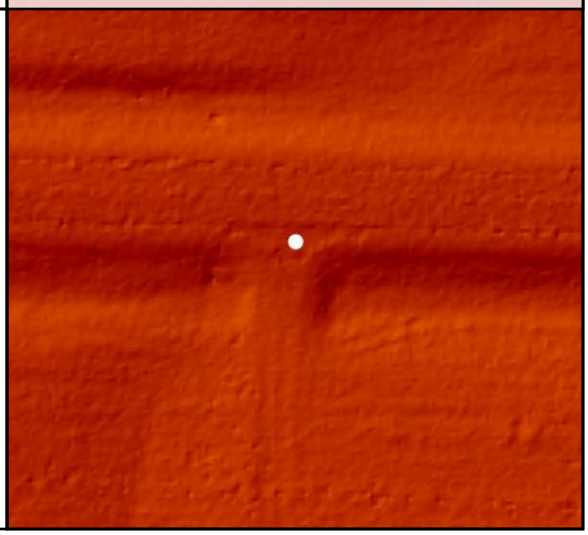


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.12 m

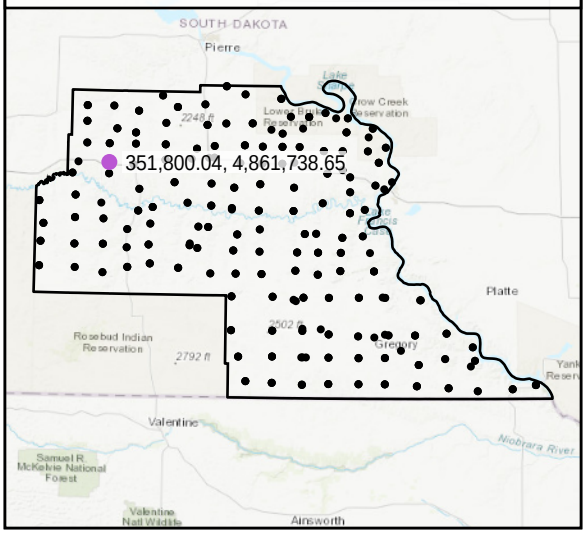
CAL - CAL099

Raw TIN Dz -0.12 m

CAL100

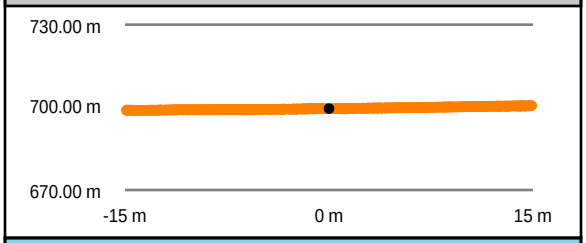
Known Z	699.55 m	Point Density	4.31 ppsm
DEM Dz	-0.01 m	Ground Density	4.31 ppsm
Raw TIN Dz	-0.01 m	Slope	4.14 °

Project Context

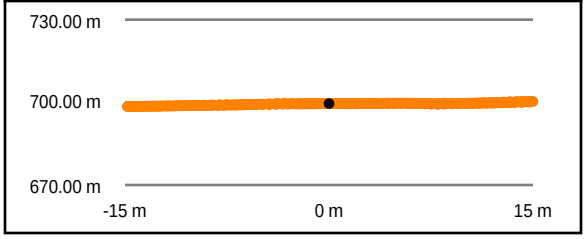


World Imagery

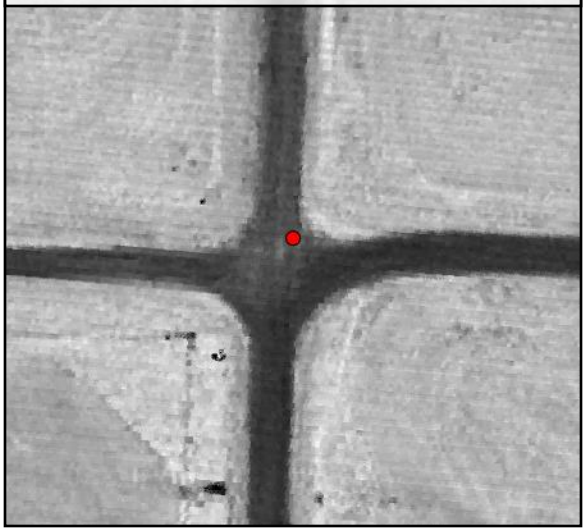
Southeast to Northwest



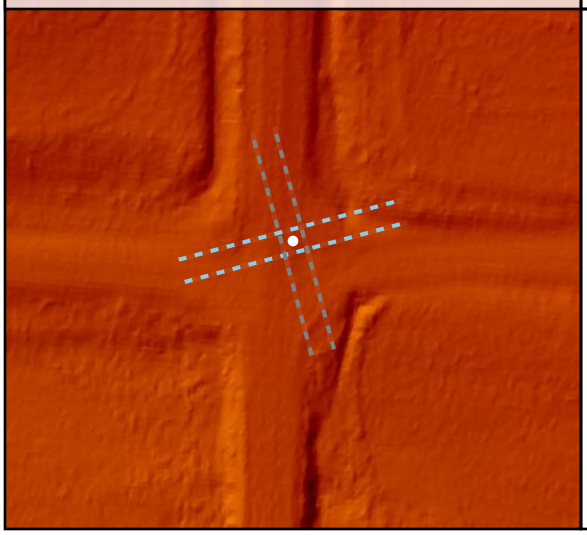
Southwest to Northeast



Intensity Raster

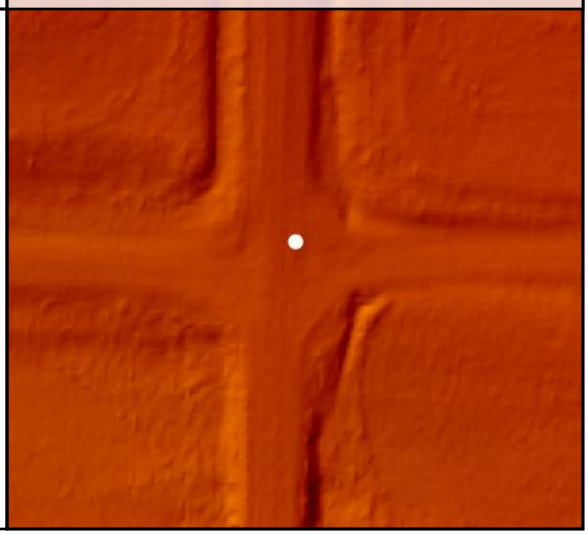


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

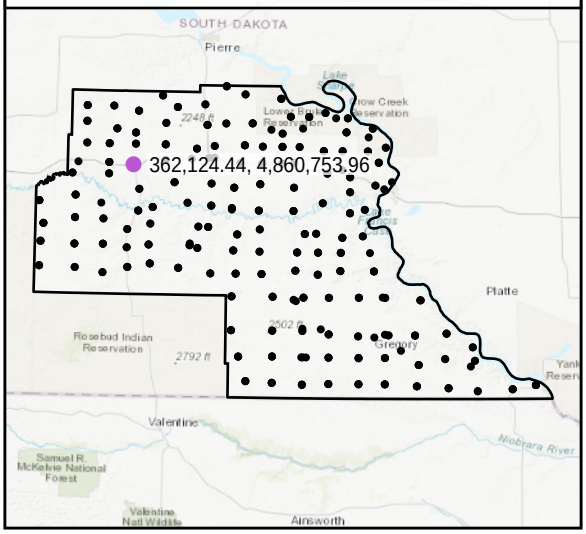
CAL - CAL100

Raw TIN Dz -0.01 m

CAL101

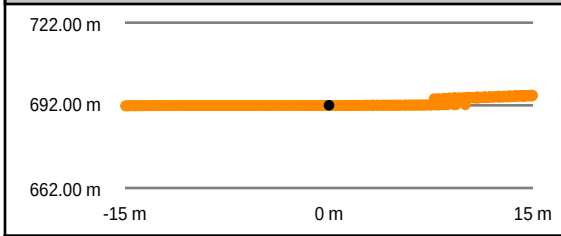
Known Z	692.02 m	Point Density	5.06 ppsm
DEM Dz	-0.02 m	Ground Density	5.06 ppsm
Raw TIN Dz	-0.03 m	Slope	0.76 °

Project Context

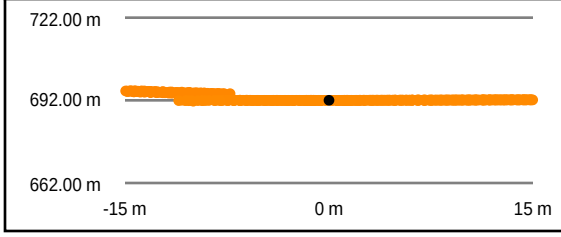


World Imagery

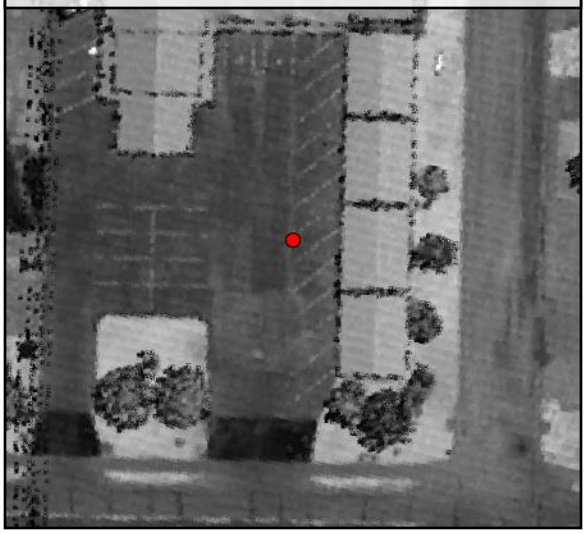
Southwest to Northeast



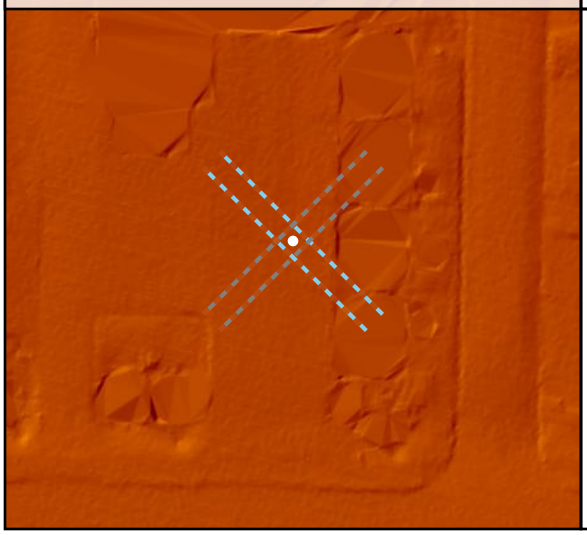
Southeast to Northwest



Intensity Raster



TIN Surface

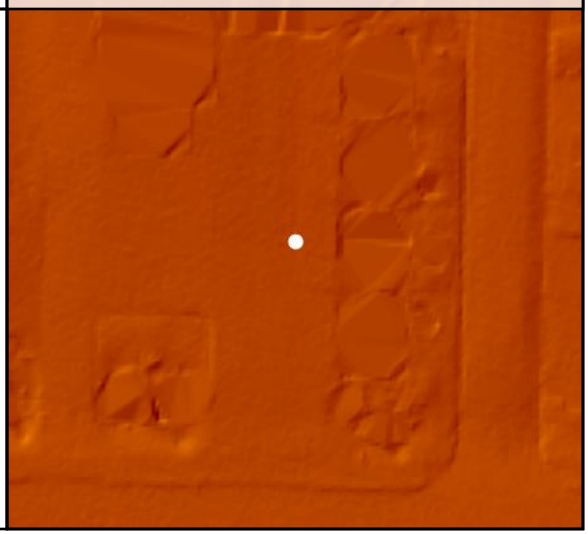


Project Elevation

795.78

413.64

DEM Surface



DEM Dz -0.02 m

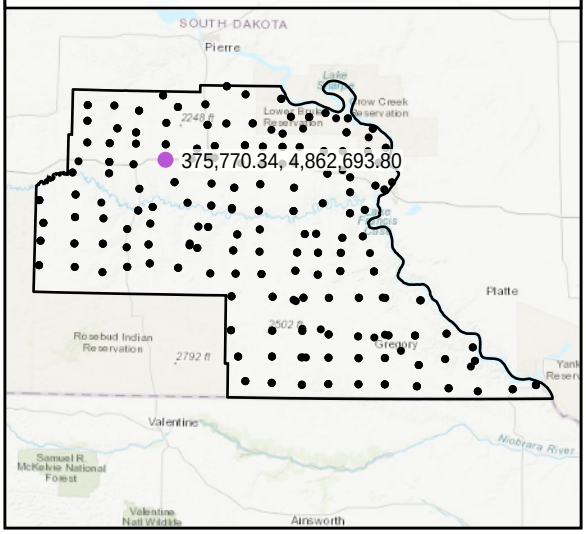
CAL - CAL101

Raw TIN Dz -0.03 m

CAL102

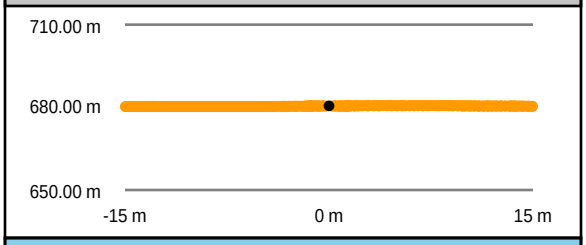
Known Z	680.53 m	Point Density	5.23 ppsm
DEM Dz	-0.05 m	Ground Density	5.23 ppsm
Raw TIN Dz	-0.05 m	Slope	4.13 °

Project Context

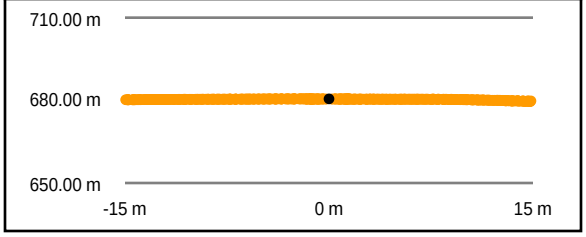


World Imagery

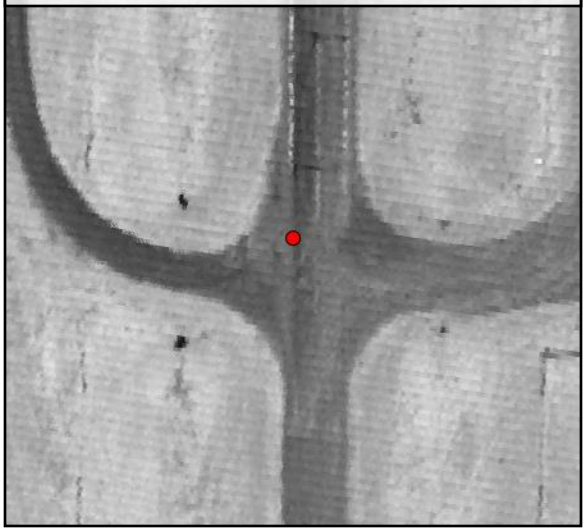
Southwest to Northeast



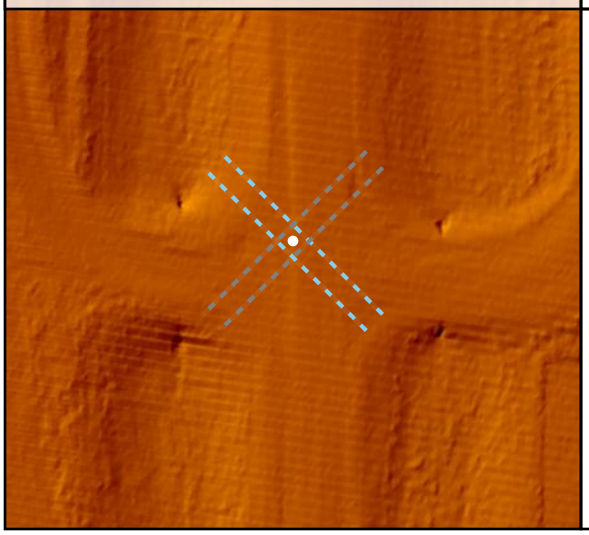
Southeast to Northwest



Intensity Raster



TIN Surface

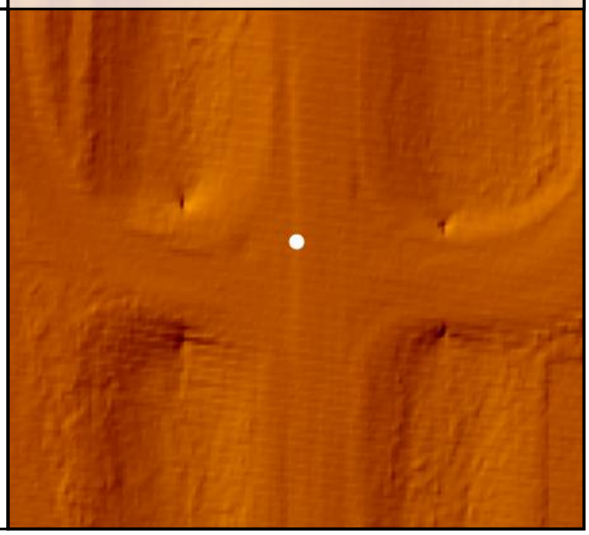


Project Elevation

795.78

413.64

DEM Surface



DEM Dz -0.05 m

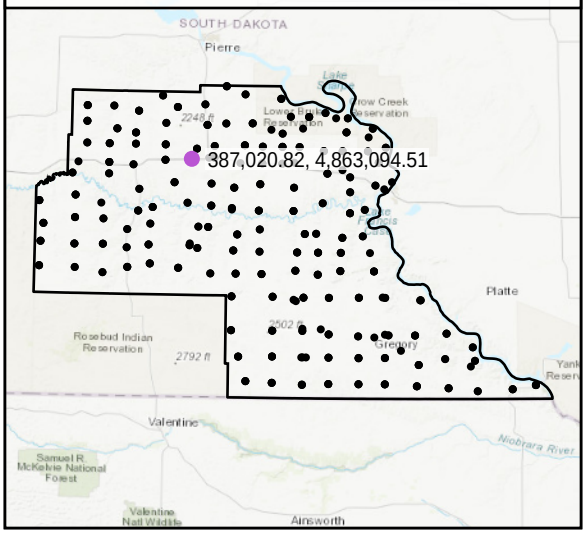
CAL - CAL102

Raw TIN Dz -0.05 m

CAL103

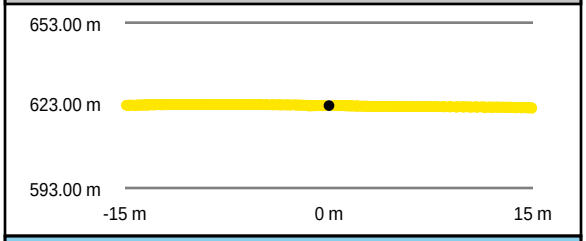
Known Z	622.91 m	Point Density	4.53 ppsm
DEM Dz	0.01 m	Ground Density	4.53 ppsm
Raw TIN Dz	0.02 m	Slope	4.57 °

Project Context

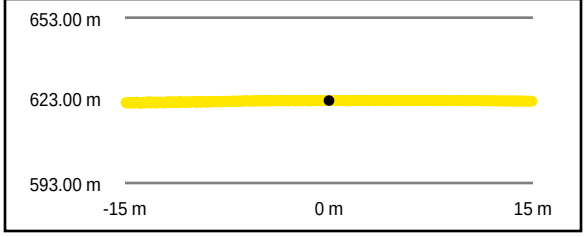


World Imagery

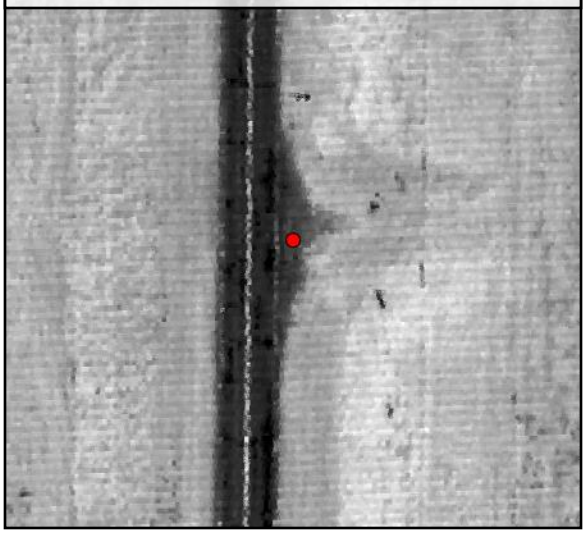
Southwest to Northeast



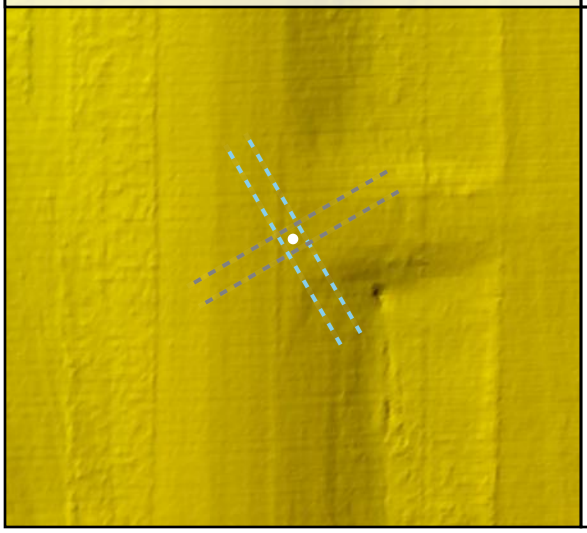
Southeast to Northwest



Intensity Raster

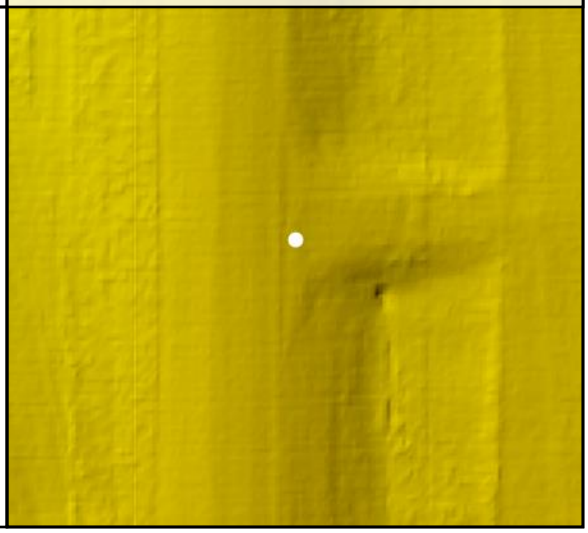


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

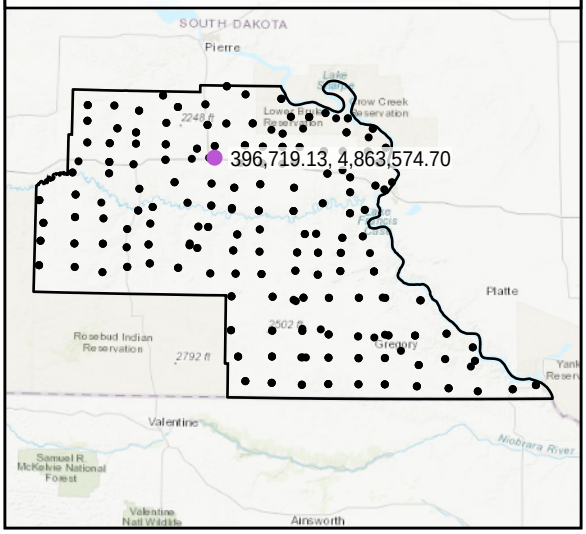
CAL - CAL103

Raw TIN Dz +0.02 m

CAL104

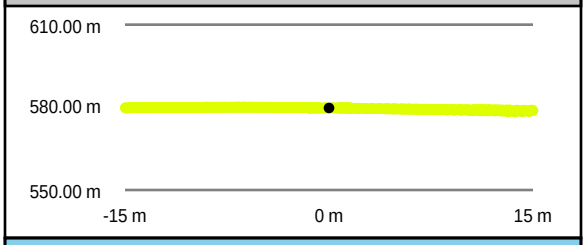
Known Z	579.77 m	Point Density	4.77 ppsm
DEM Dz	0.03 m	Ground Density	4.77 ppsm
Raw TIN Dz	0.03 m	Slope	2.33 °

Project Context

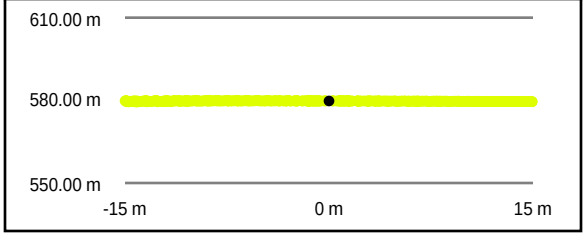


World Imagery

Southeast to Northwest

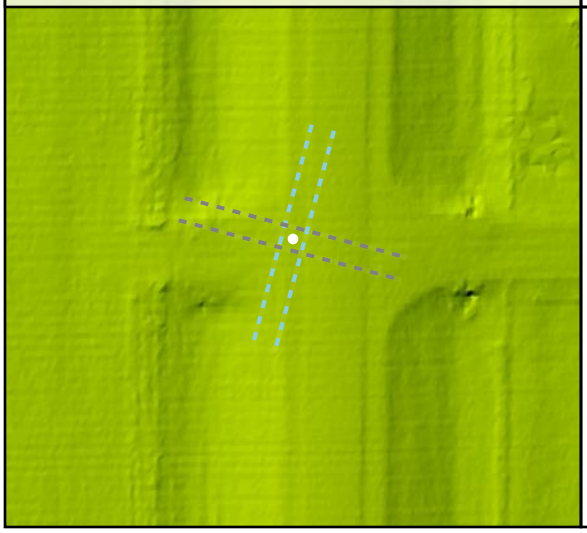


Southwest to Northeast



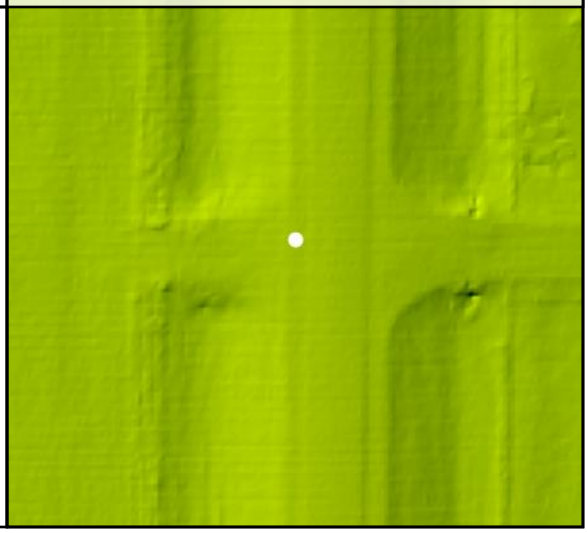
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

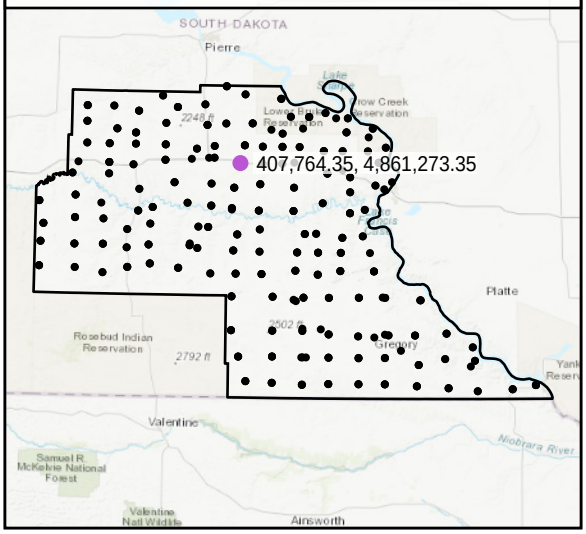
CAL - CAL104

Raw TIN Dz +0.03 m

CAL105

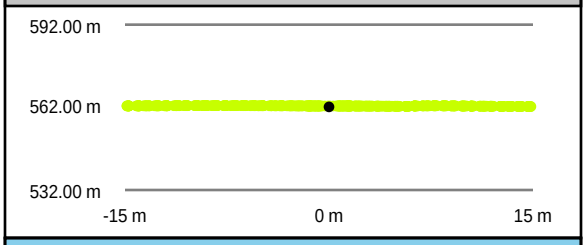
Known Z	562.16 m	Point Density	4.63 ppsm
DEM Dz	0.33 m	Ground Density	4.63 ppsm
Raw TIN Dz	0.33 m	Slope	0.81 °

Project Context

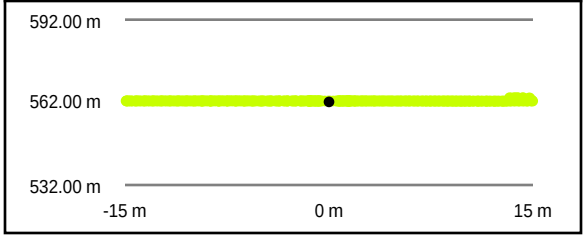


World Imagery

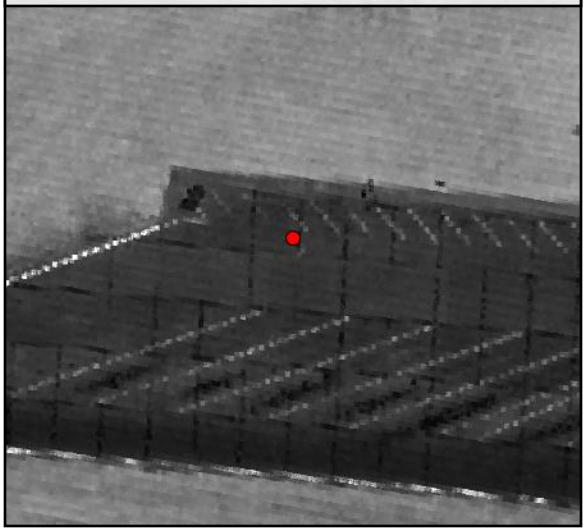
Southwest to Northeast



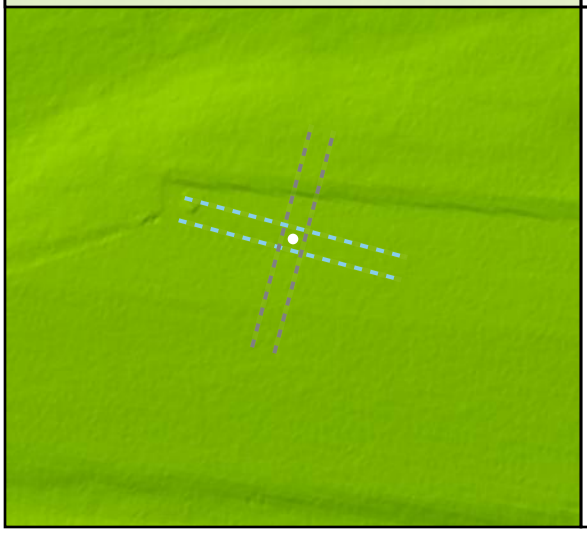
Southeast to Northwest



Intensity Raster



TIN Surface

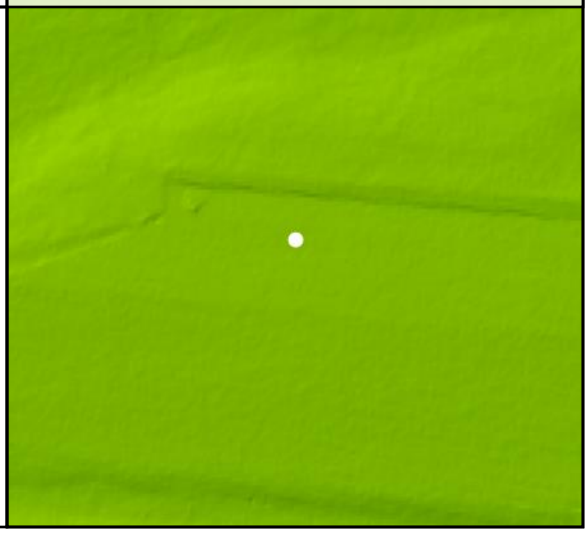


Project Elevation

795.78

413.64

DEM Surface



DEM Dz +0.33 m

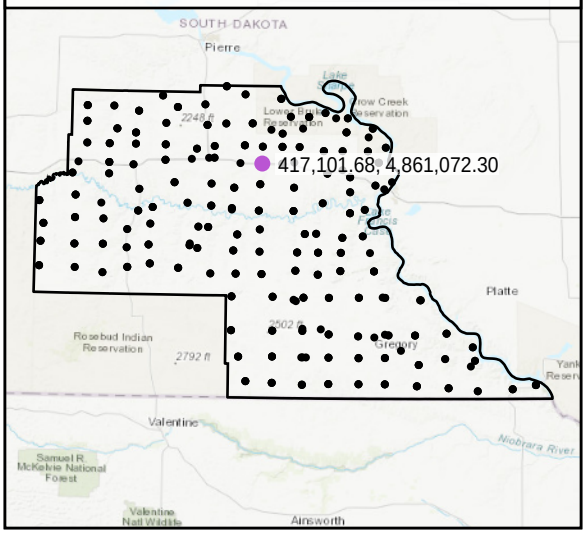
CAL - CAL105

Raw TIN Dz +0.33 m

CAL106

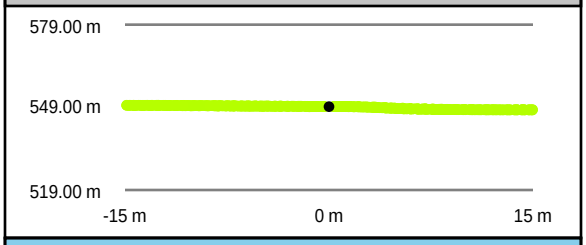
Known Z	549.25 m	Point Density	4.39 ppsm
DEM Dz	0.04 m	Ground Density	4.39 ppsm
Raw TIN Dz	0.04 m	Slope	2.65 °

Project Context

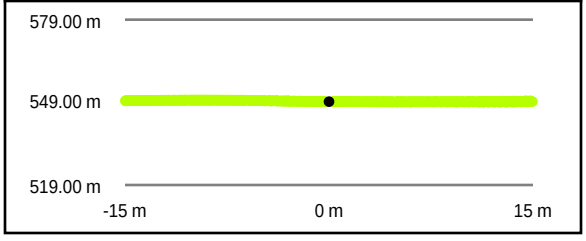


World Imagery

Southeast to Northwest

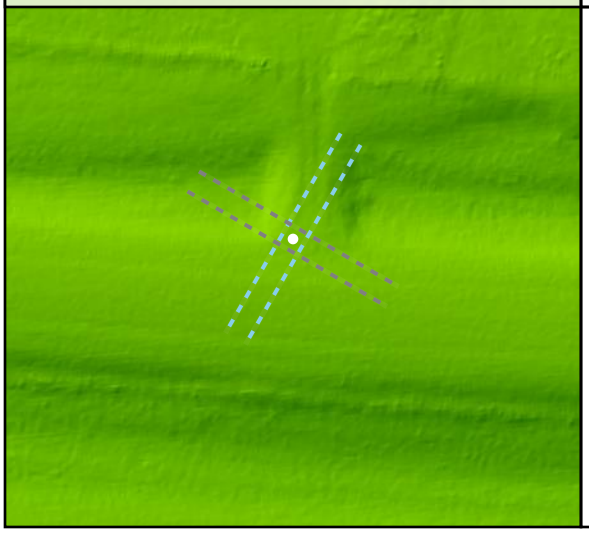


Southwest to Northeast



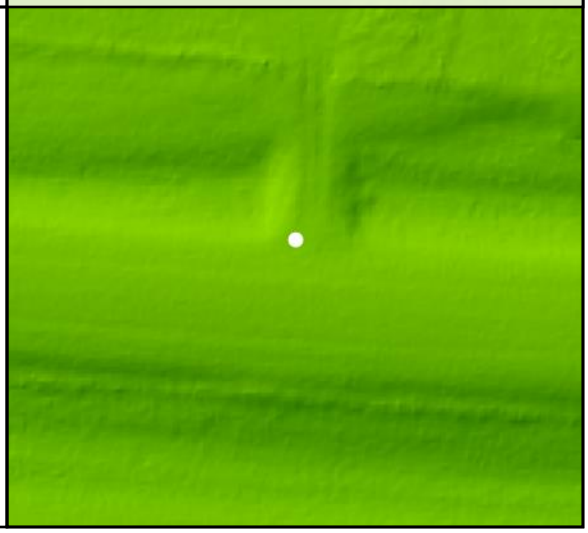
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

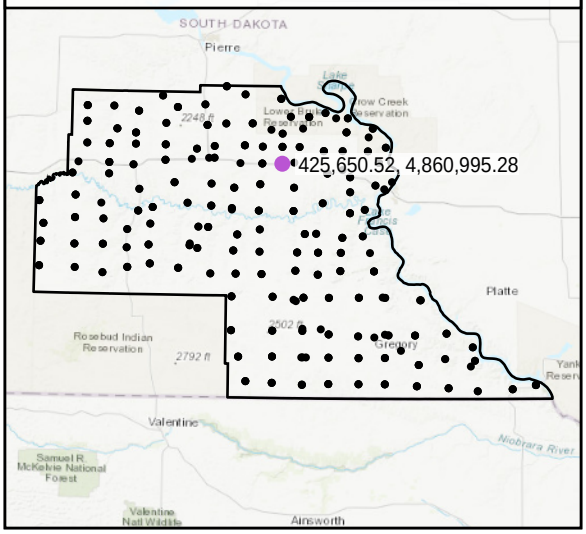
CAL - CAL106

Raw TIN Dz +0.04 m

CAL107

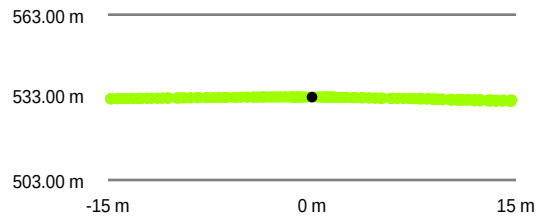
Known Z	533.09 m	Point Density	4.46 ppsm
DEM Dz	0.04 m	Ground Density	4.46 ppsm
Raw TIN Dz	0.04 m	Slope	1.90 °

Project Context

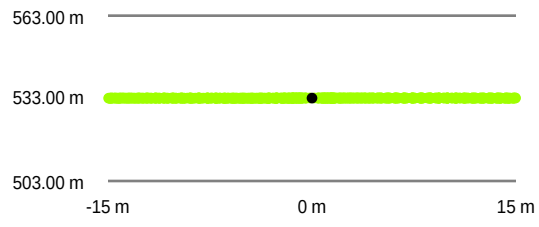


World Imagery

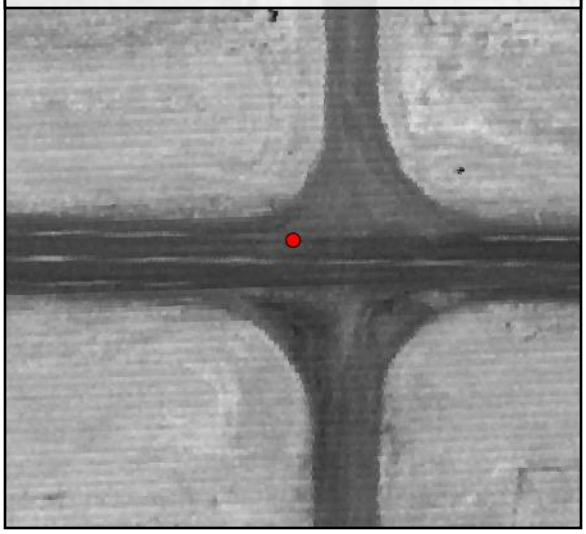
South to North



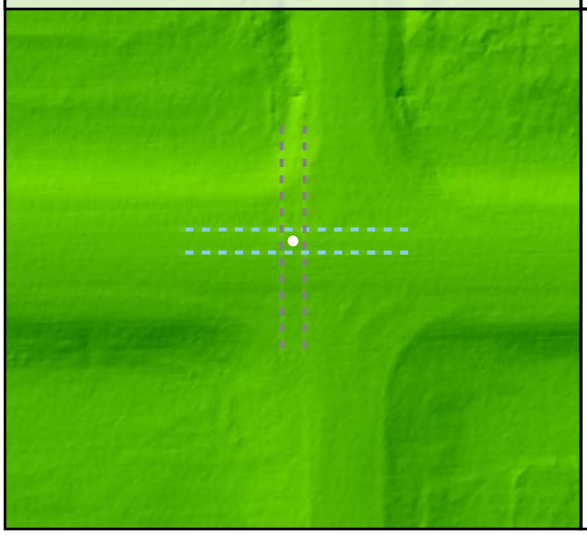
West to East



Intensity Raster

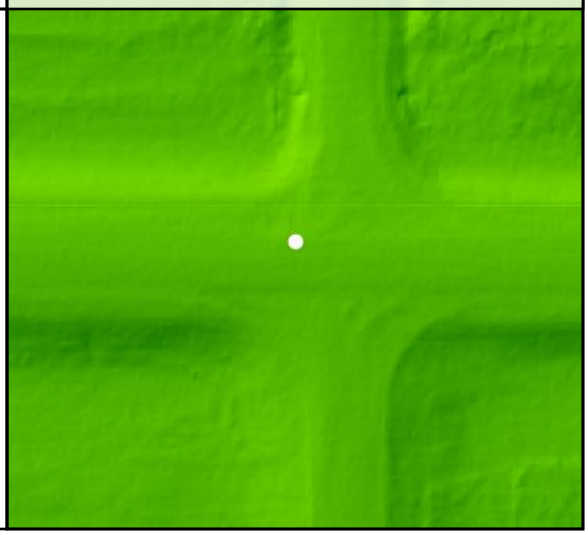


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

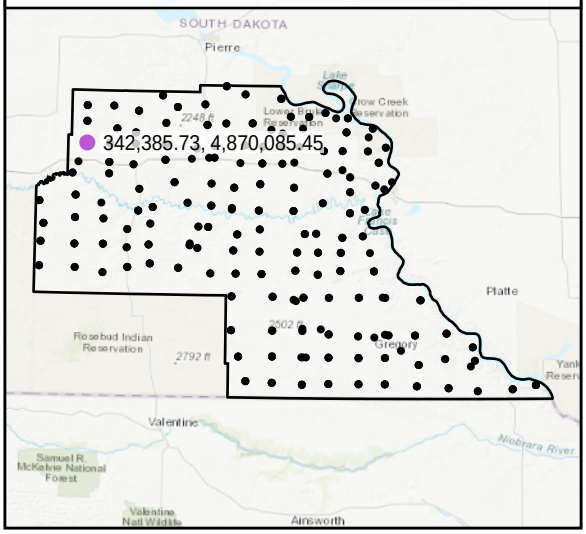
CAL - CAL107

Raw TIN Dz +0.04 m

CAL108

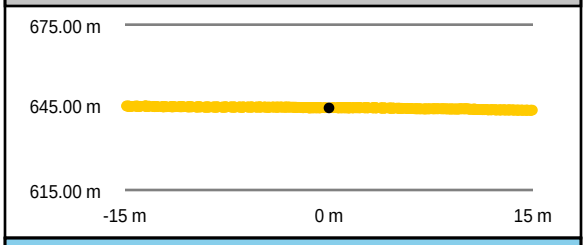
Known Z	644.79 m	Point Density	6.01 ppsm
DEM Dz	0.07 m	Ground Density	6.01 ppsm
Raw TIN Dz	0.07 m	Slope	1.92 °

Project Context

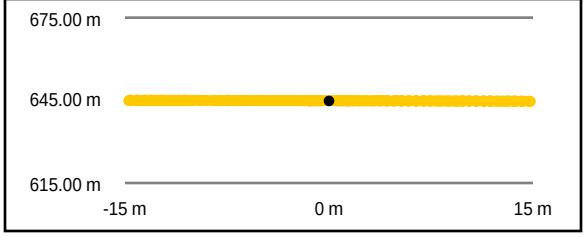


World Imagery

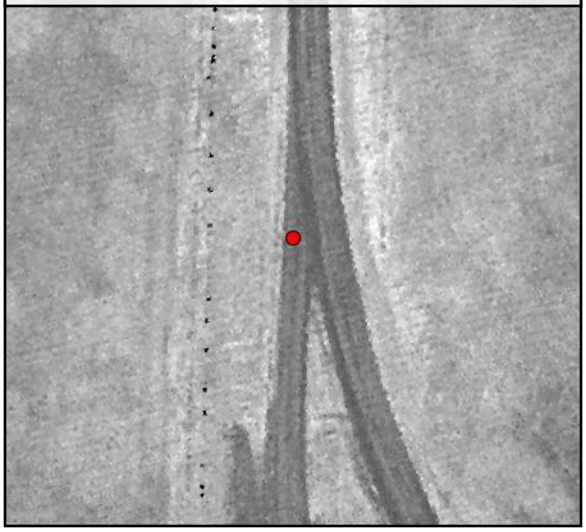
Southwest to Northeast



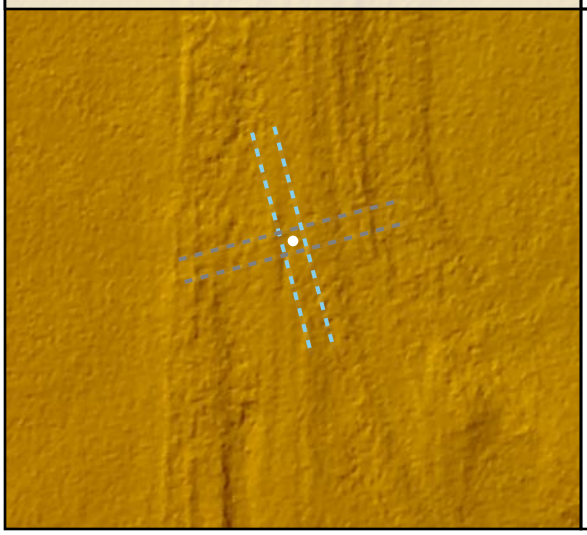
Southeast to Northwest



Intensity Raster

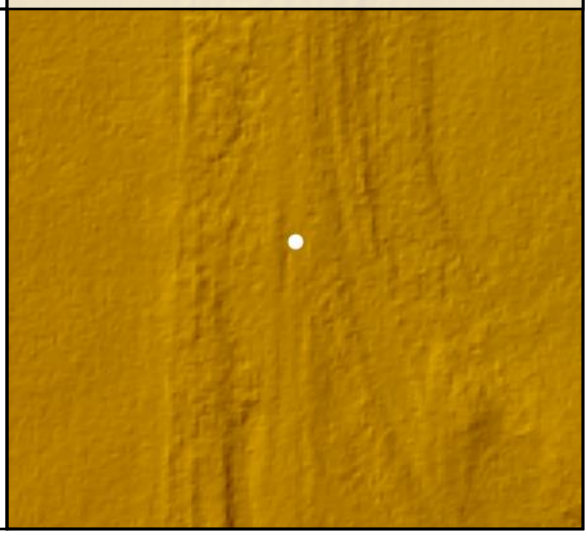


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.07 m

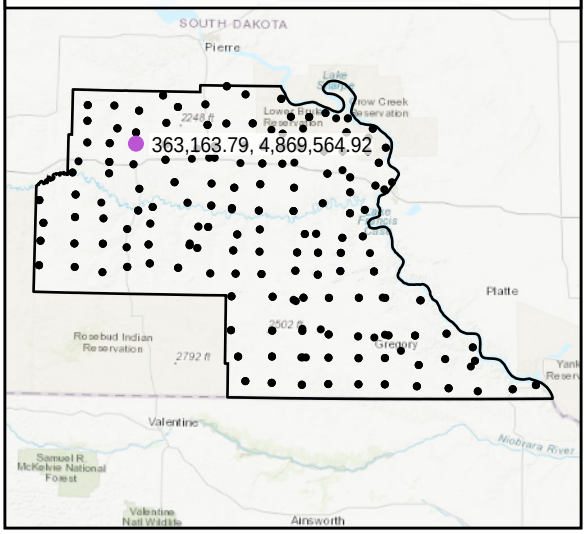
CAL - CAL108

Raw TIN Dz +0.07 m

CAL109

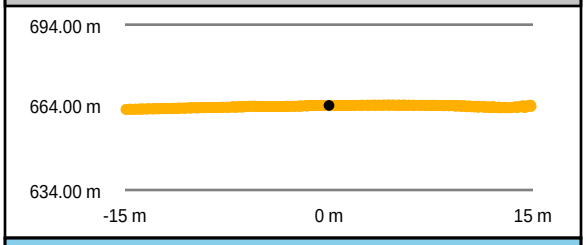
Known Z	664.69 m	Point Density	4.63 ppsm
DEM Dz	-0.03 m	Ground Density	4.63 ppsm
Raw TIN Dz	-0.02 m	Slope	3.00 °

Project Context

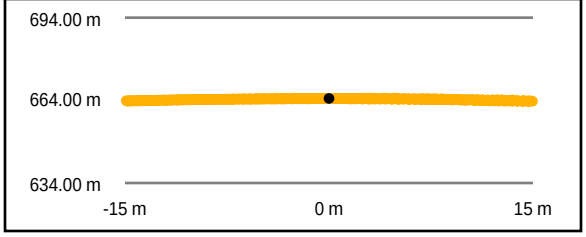


World Imagery

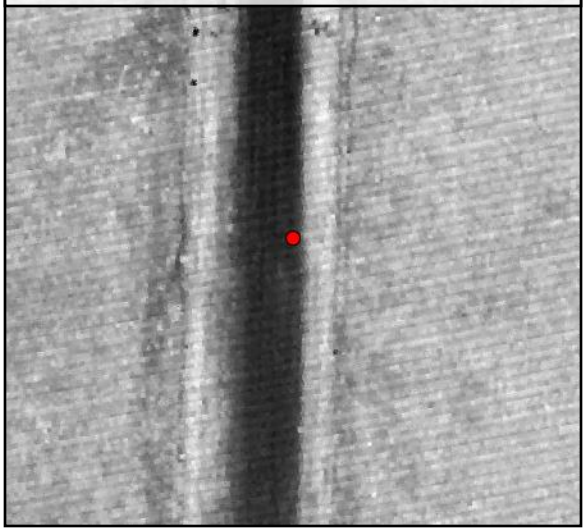
Southeast to Northwest



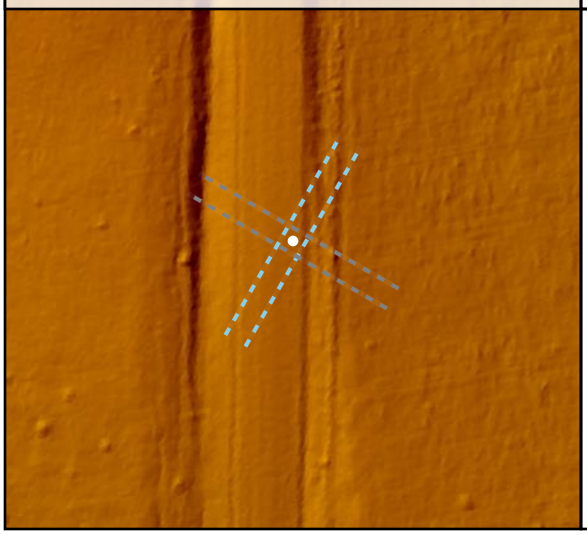
Southwest to Northeast



Intensity Raster

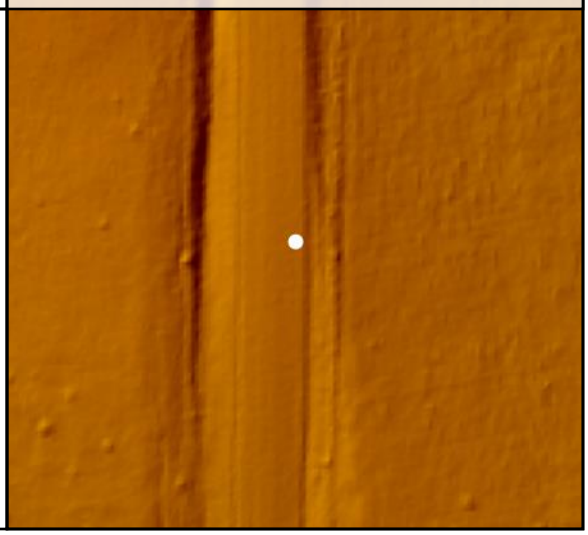


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

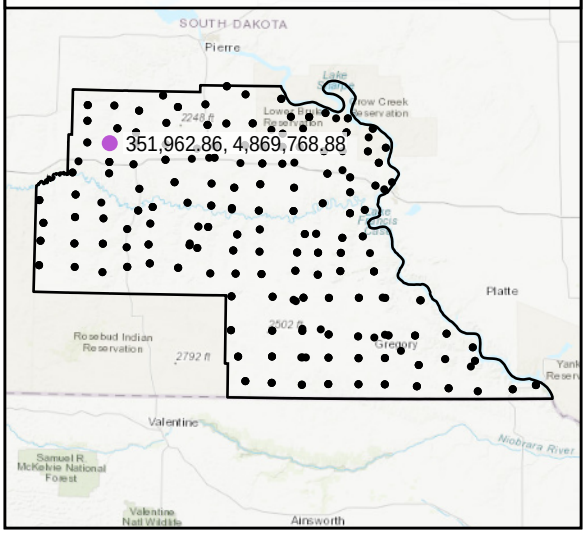
CAL - CAL109

Raw TIN Dz -0.02 m

CAL110

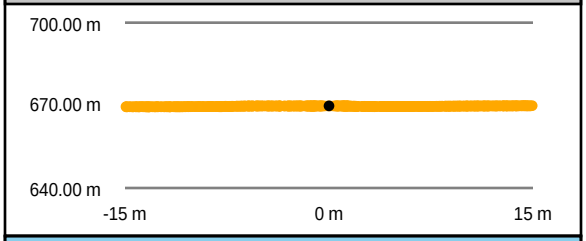
Known Z	669.80 m	Point Density	4.49 ppsm
DEM Dz	-0.03 m	Ground Density	4.49 ppsm
Raw TIN Dz	-0.02 m	Slope	1.57 °

Project Context

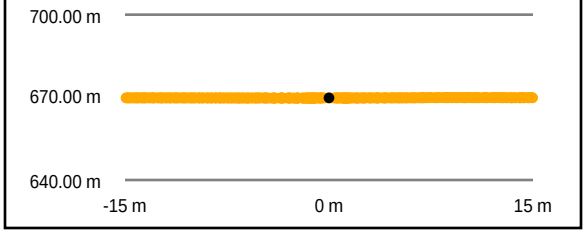


World Imagery

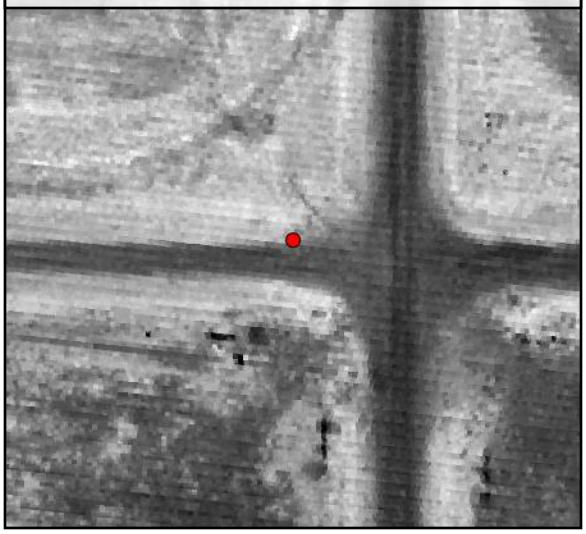
Southeast to Northwest



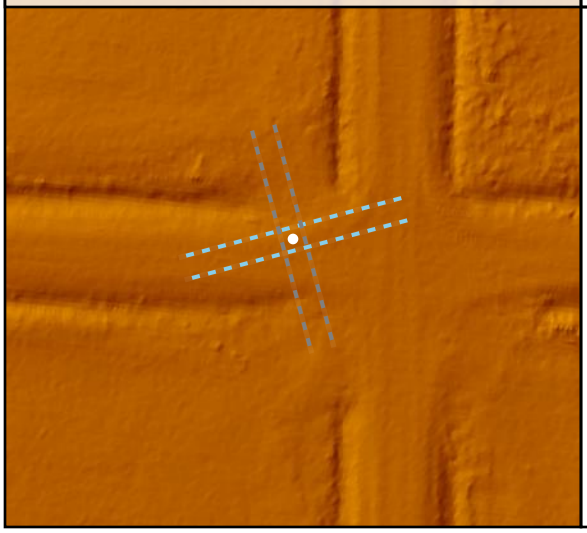
Southwest to Northeast



Intensity Raster

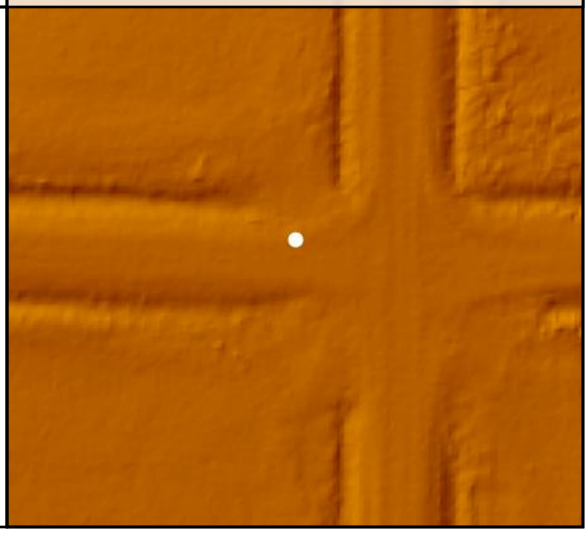


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.03 m

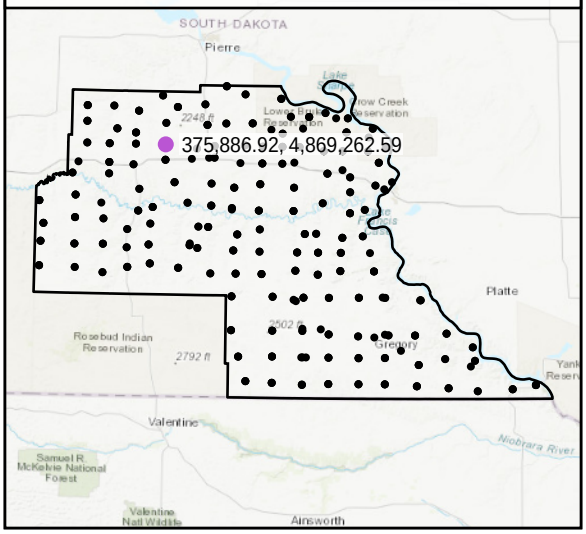
CAL - CAL110

Raw TIN Dz -0.02 m

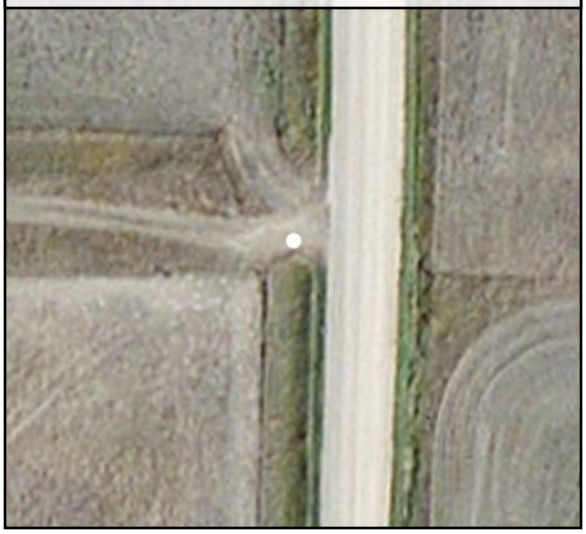
CAL111

Known Z	701.81 m	Point Density	4.81 ppsm
DEM Dz	-0.02 m	Ground Density	4.81 ppsm
Raw TIN Dz	-0.02 m	Slope	5.03 °

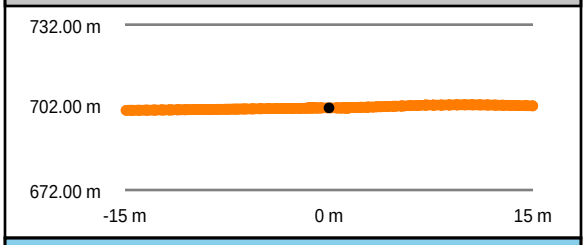
Project Context



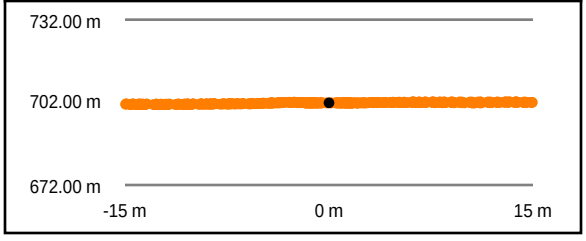
World Imagery



West to East

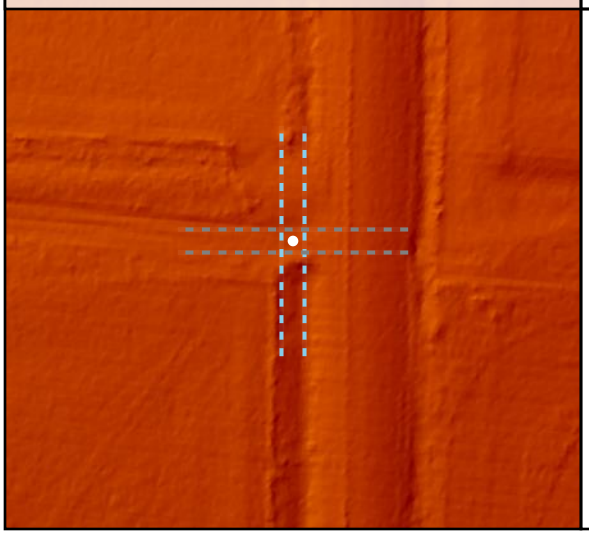


South to North

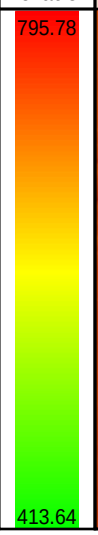


Intensity Raster

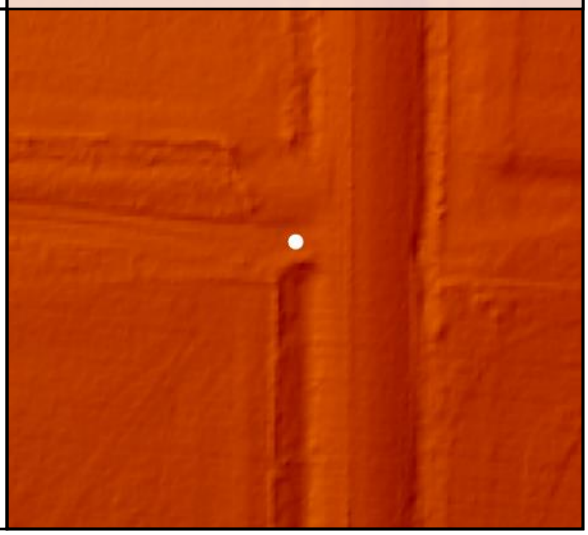
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.02 m

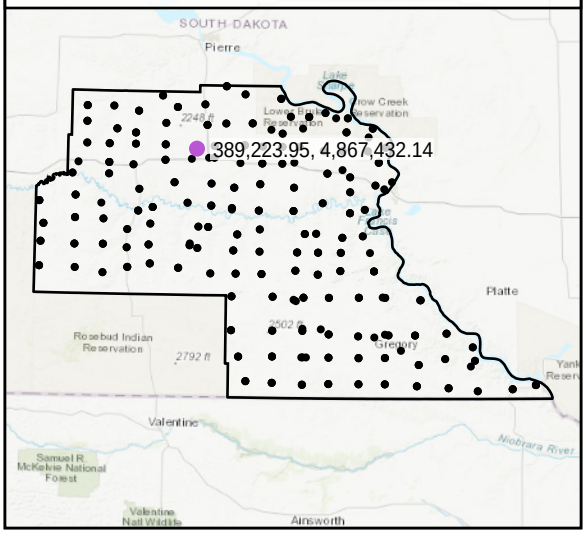
CAL - CAL111

Raw TIN Dz -0.02 m

CAL112

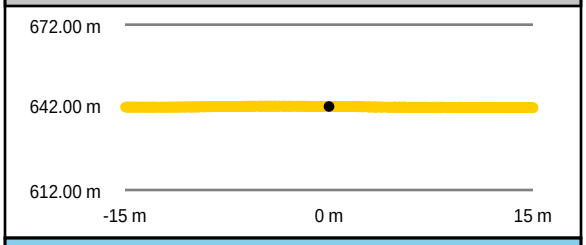
Known Z	642.30 m	Point Density	4.67 ppsm
DEM Dz	0.03 m	Ground Density	4.67 ppsm
Raw TIN Dz	0.03 m	Slope	2.91 °

Project Context

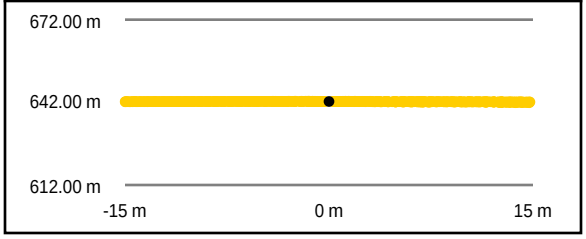


World Imagery

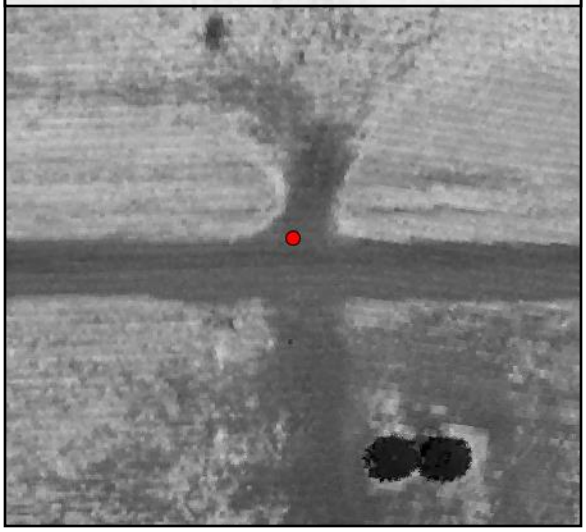
Southeast to Northwest



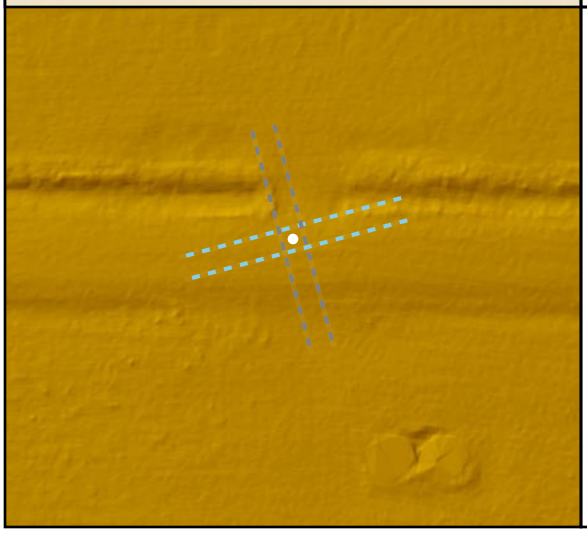
Southwest to Northeast



Intensity Raster

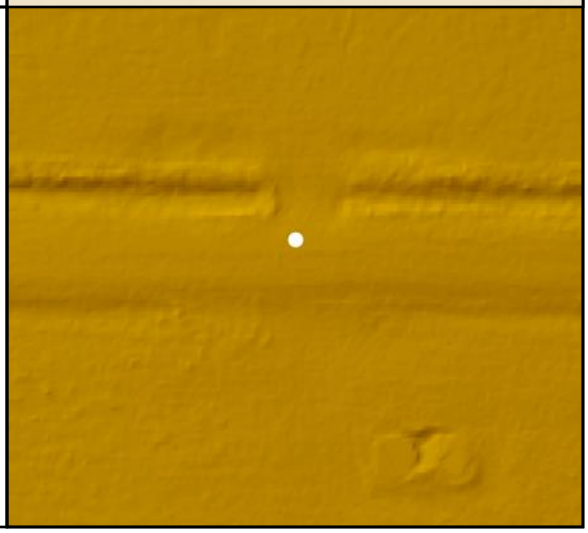


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

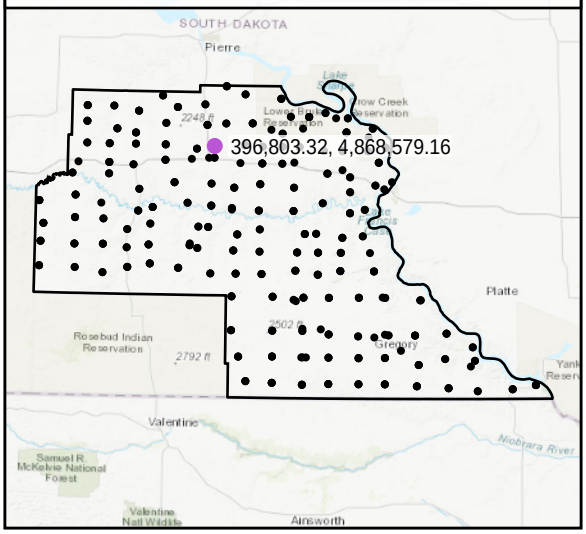
CAL - CAL112

Raw TIN Dz +0.03 m

CAL113

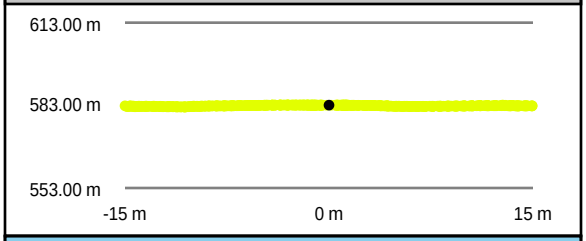
Known Z	583.07 m	Point Density	4.14 ppsm
DEM Dz	-0.02 m	Ground Density	4.14 ppsm
Raw TIN Dz	-0.02 m	Slope	3.36 °

Project Context

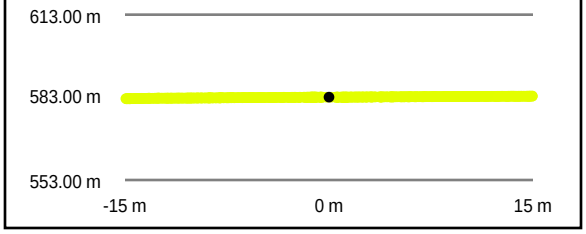


World Imagery

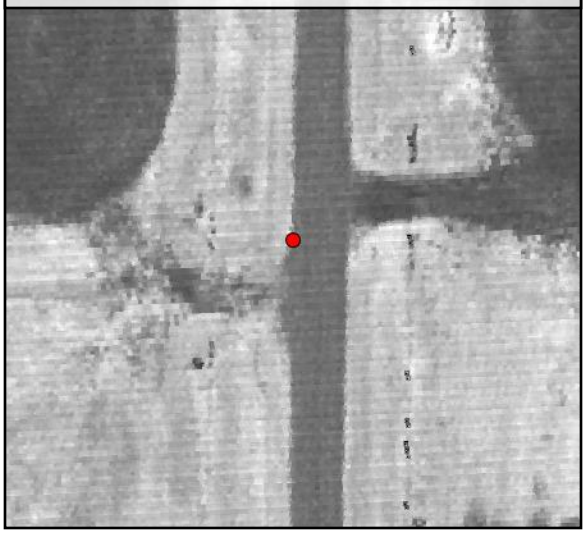
Southeast to Northwest



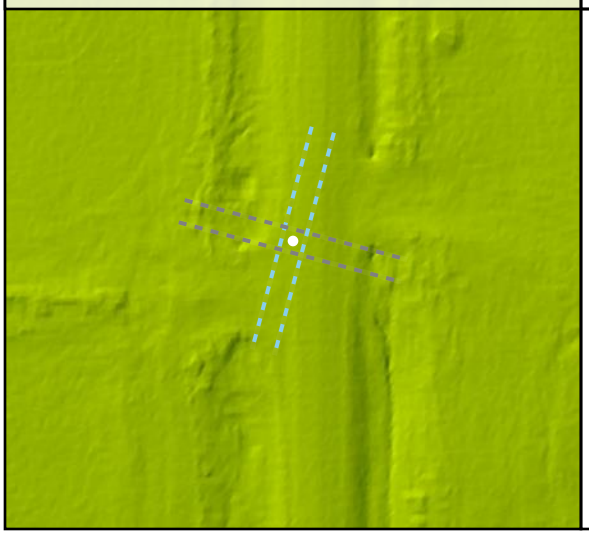
Southwest to Northeast



Intensity Raster

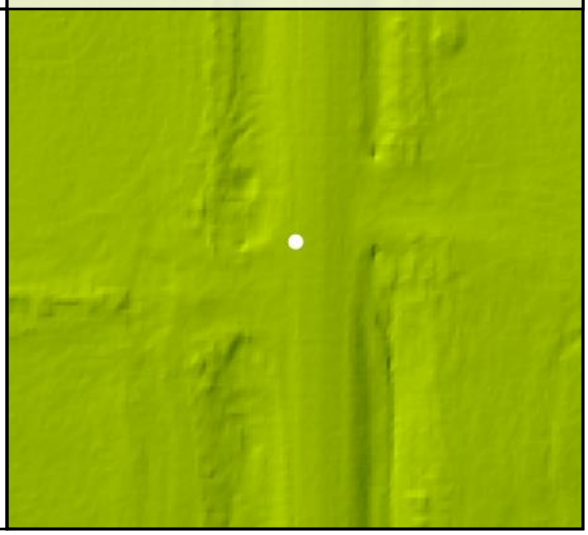


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

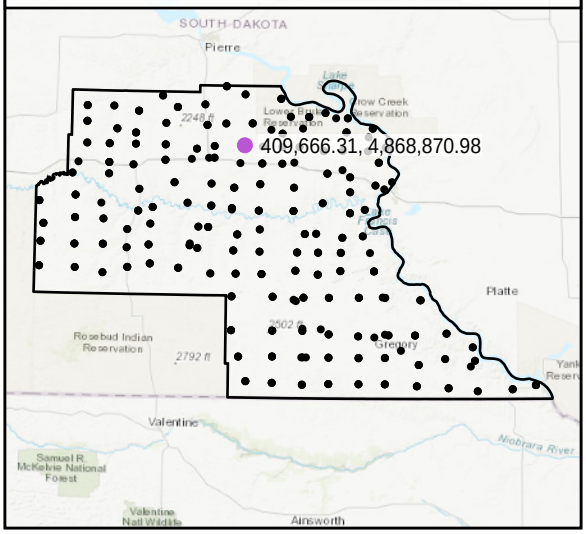
CAL - CAL113

Raw TIN Dz -0.02 m

CAL114

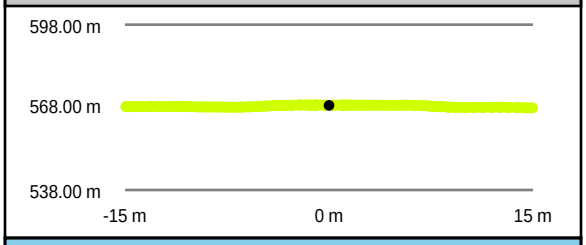
Known Z	568.70 m	Point Density	3.47 ppsm
DEM Dz	0.09 m	Ground Density	3.47 ppsm
Raw TIN Dz	0.09 m	Slope	0.66 °

Project Context

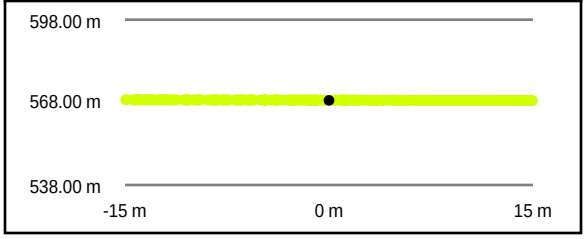


World Imagery

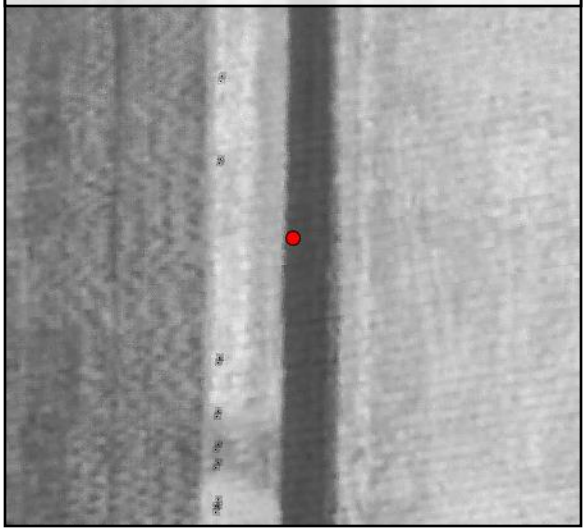
West to East



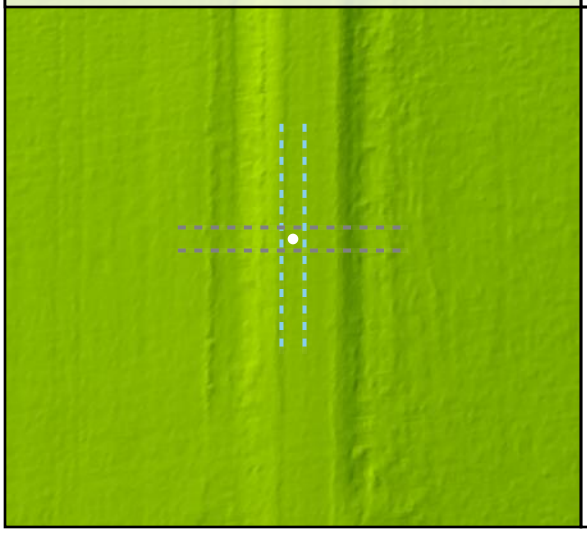
South to North



Intensity Raster

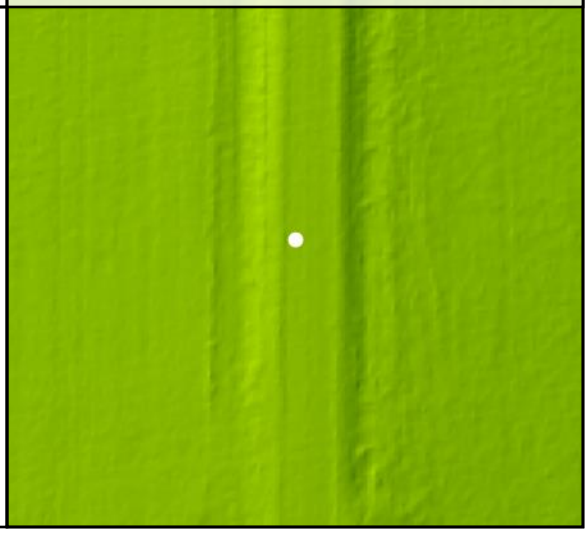


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.09 m

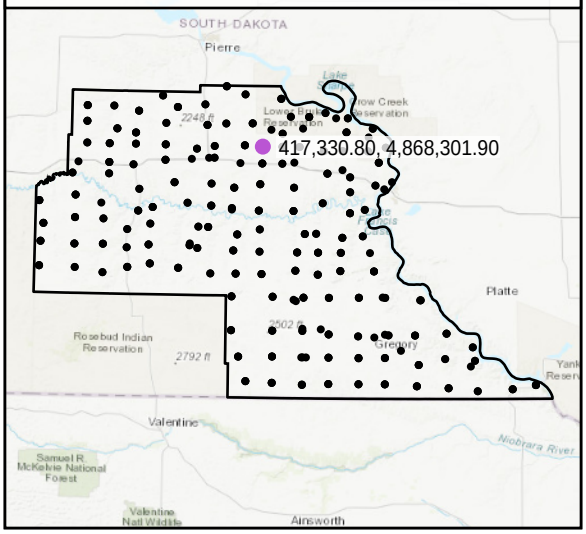
CAL - CAL114

Raw TIN Dz +0.09 m

CAL115

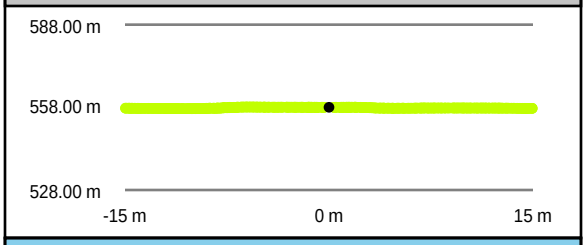
Known Z	558.01 m	Point Density	4.67 ppsm
DEM Dz	0.00 m	Ground Density	4.67 ppsm
Raw TIN Dz	0.00 m	Slope	1.23 °

Project Context

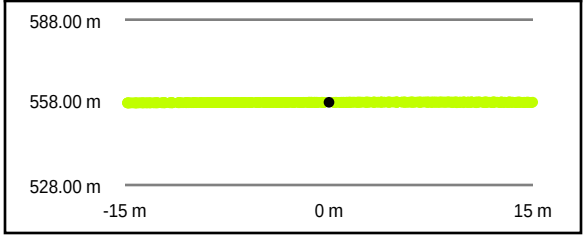


World Imagery

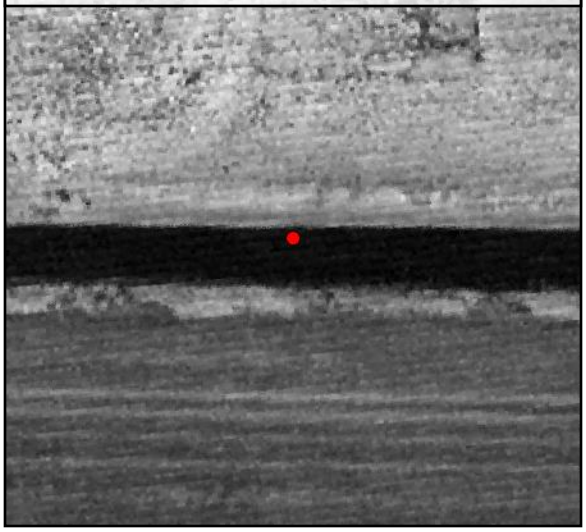
Southwest to Northeast



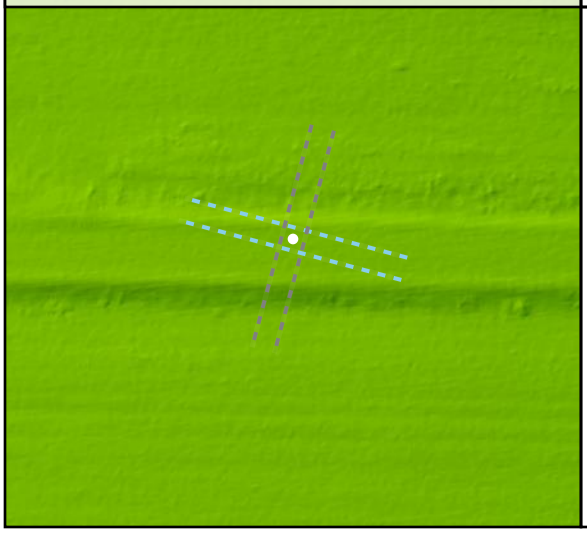
Southeast to Northwest



Intensity Raster

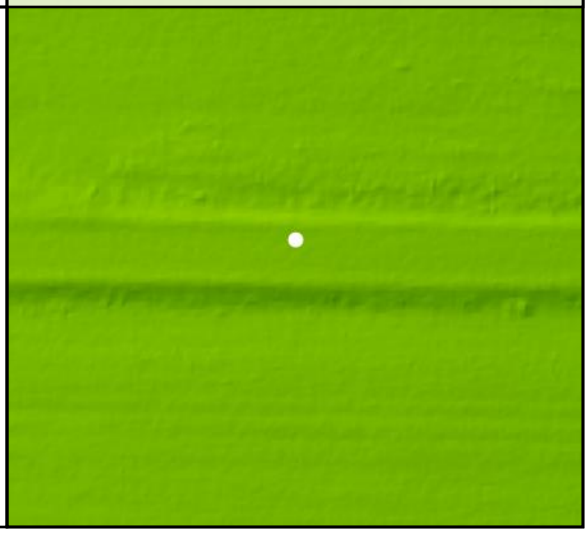


TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

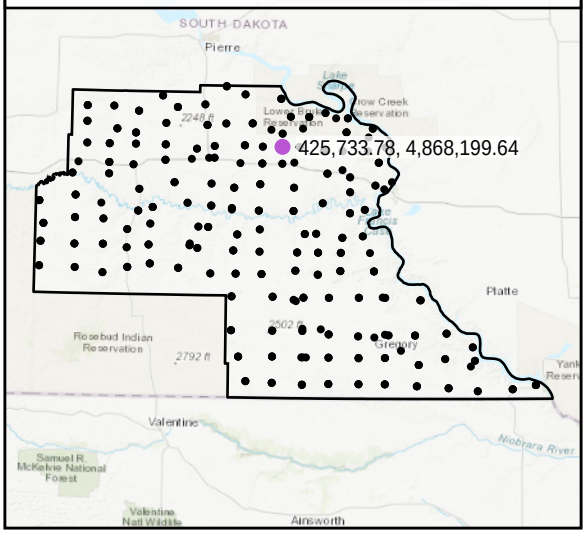
CAL - CAL115

Raw TIN Dz 0.00 m

CAL116

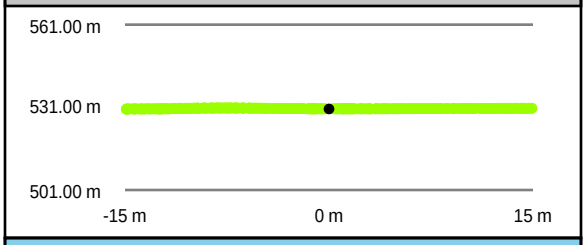
Known Z	530.42 m	Point Density	4.56 ppsm
DEM Dz	0.04 m	Ground Density	4.56 ppsm
Raw TIN Dz	0.04 m	Slope	0.50 °

Project Context

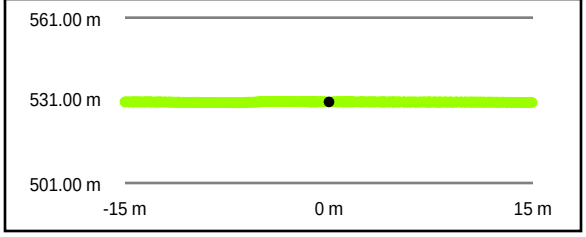


World Imagery

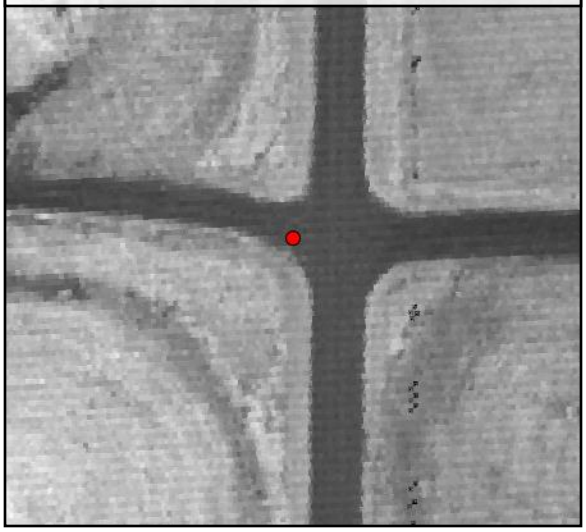
Southeast to Northwest



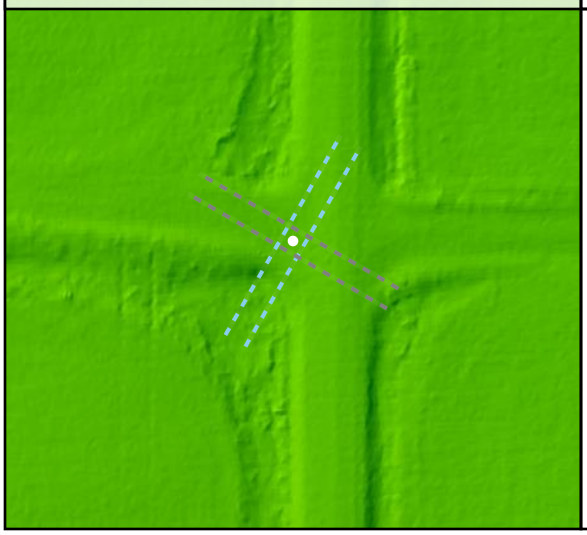
Southwest to Northeast



Intensity Raster

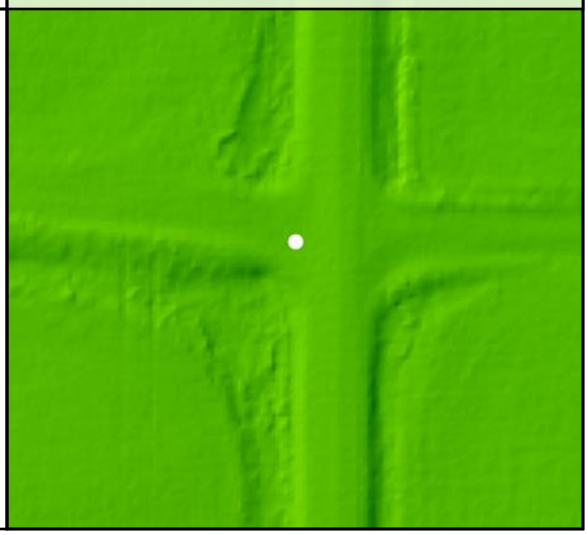


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

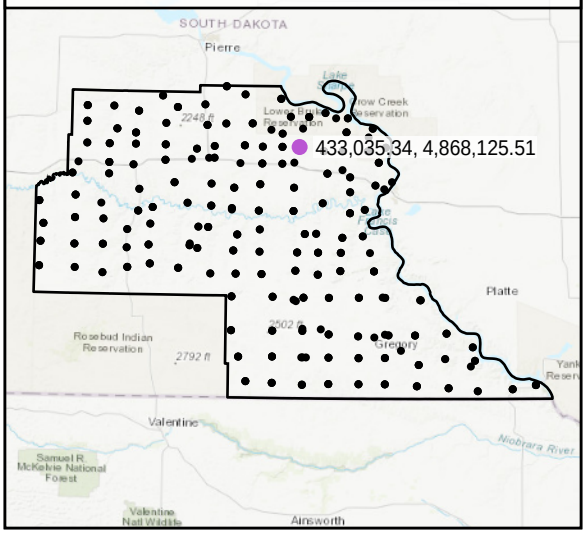
CAL - CAL116

Raw TIN Dz +0.04 m

CAL117

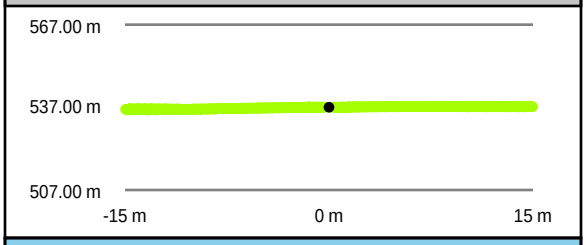
Known Z	537.02 m	Point Density	4.95 ppsm
DEM Dz	0.02 m	Ground Density	4.95 ppsm
Raw TIN Dz	0.02 m	Slope	3.15 °

Project Context

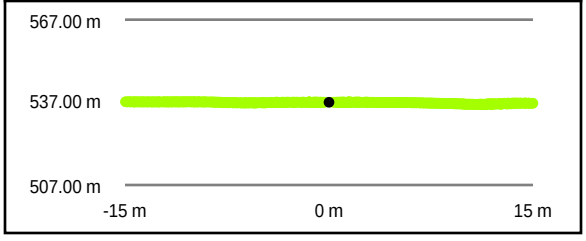


World Imagery

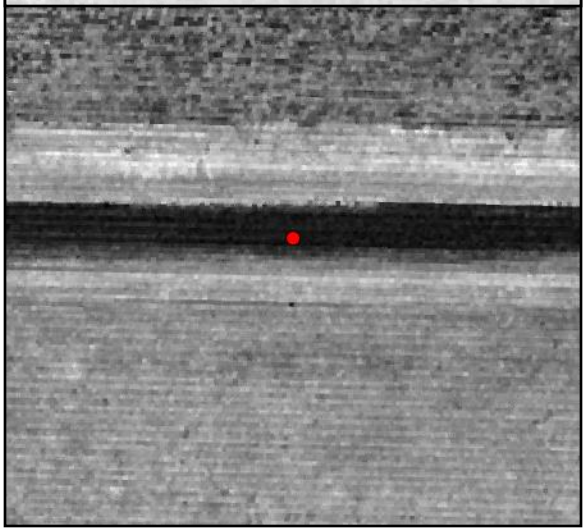
Southeast to Northwest



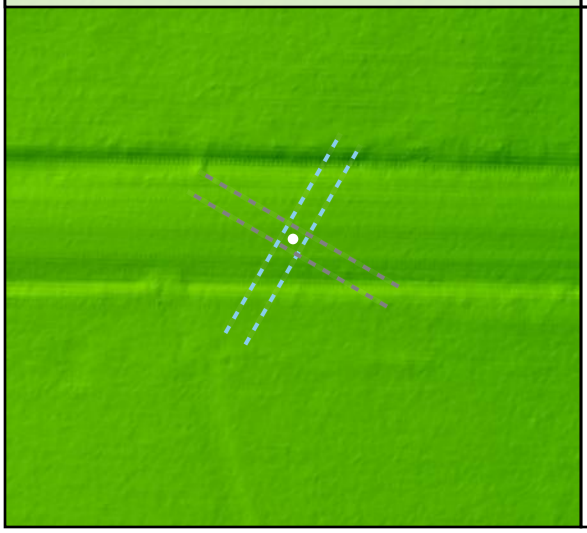
Southwest to Northeast



Intensity Raster

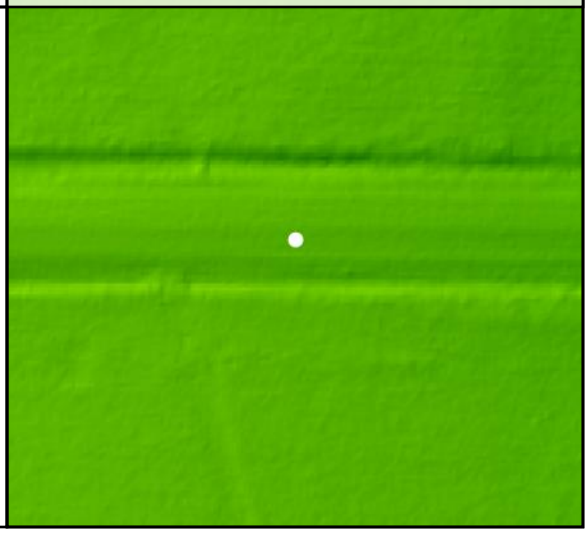


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.02 m

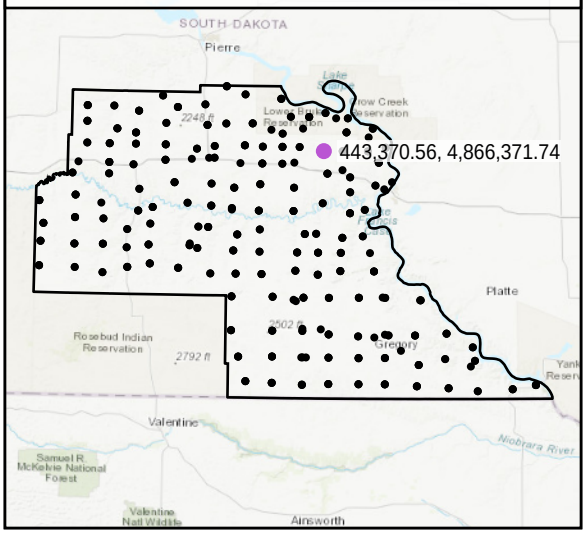
CAL - CAL117

Raw TIN Dz +0.02 m

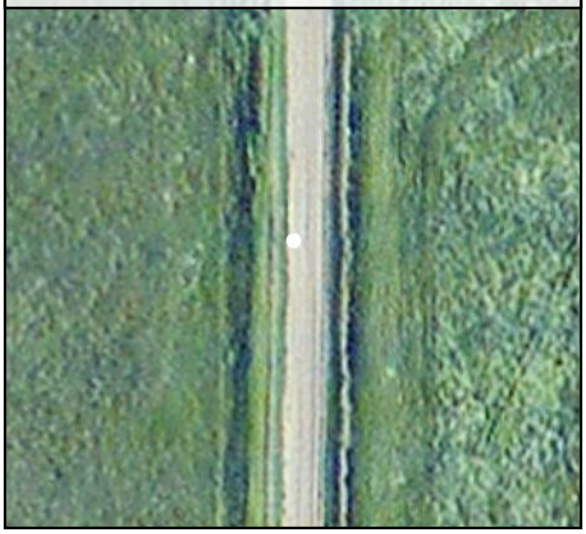
CAL118

Known Z	528.37 m	Point Density	3.54 ppsm
DEM Dz	0.00 m	Ground Density	3.54 ppsm
Raw TIN Dz	0.00 m	Slope	6.56 °

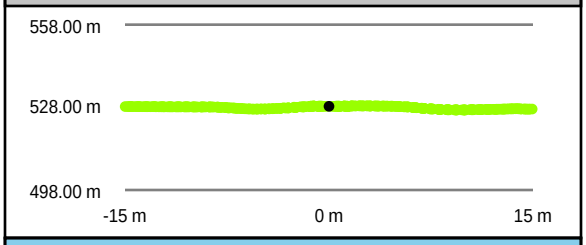
Project Context



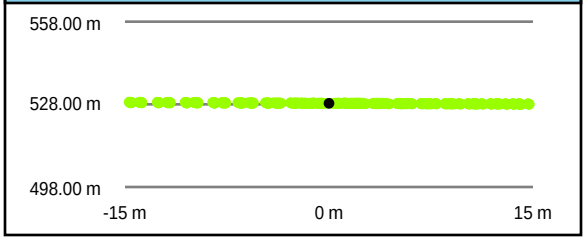
World Imagery



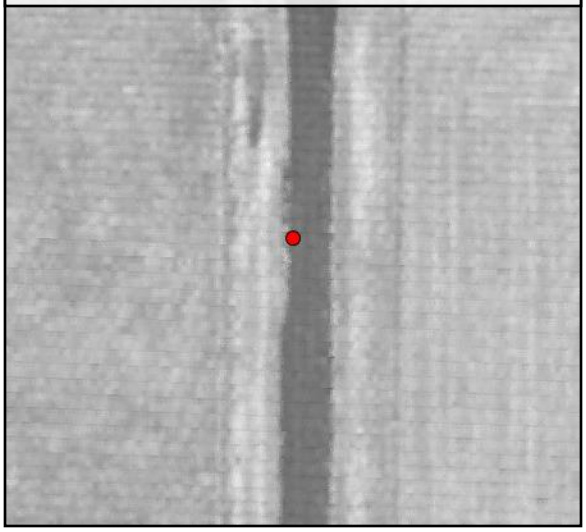
West to East



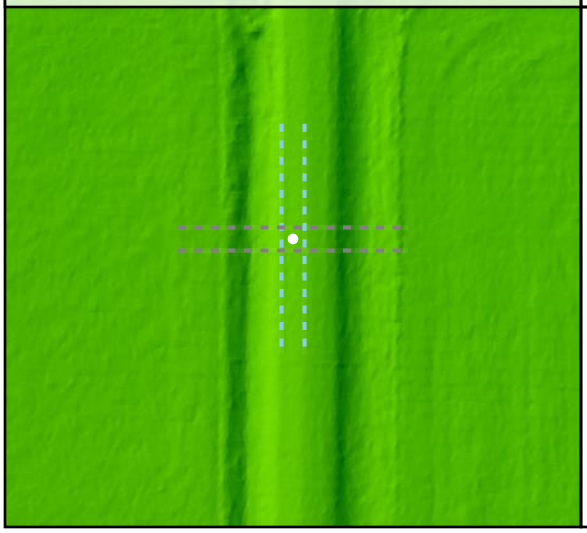
South to North



Intensity Raster

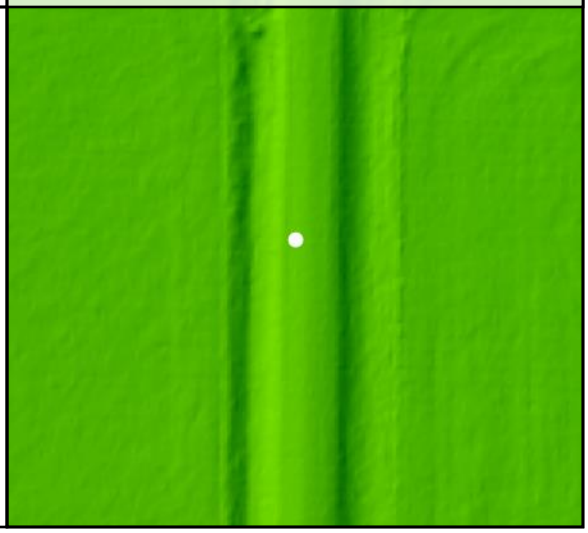


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.00 m

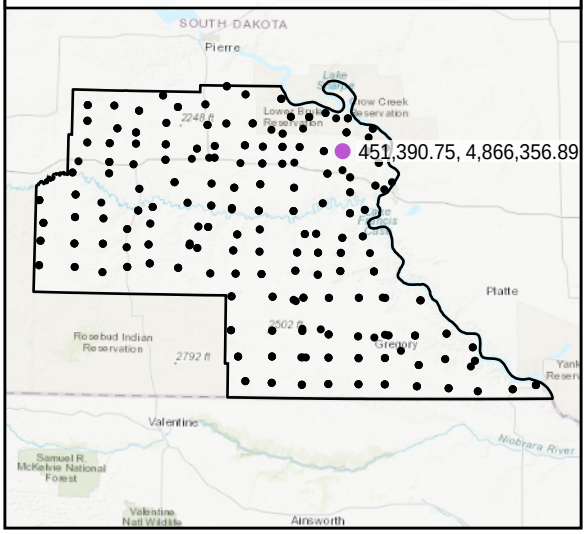
CAL - CAL118

Raw TIN Dz +0.00 m

CAL119

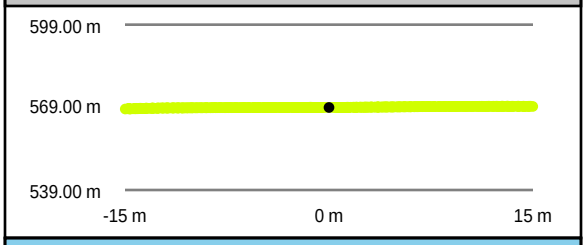
Known Z	568.95 m	Point Density	4.74 ppsm
DEM Dz	0.04 m	Ground Density	4.74 ppsm
Raw TIN Dz	0.04 m	Slope	0.82 °

Project Context

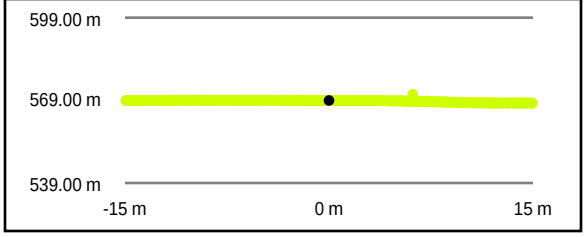


World Imagery

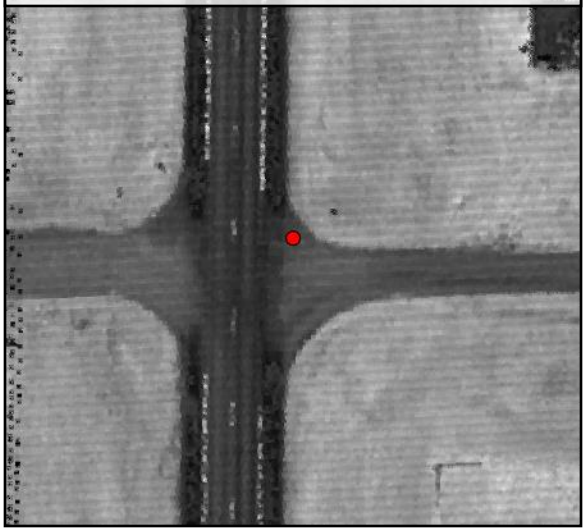
Southeast to Northwest



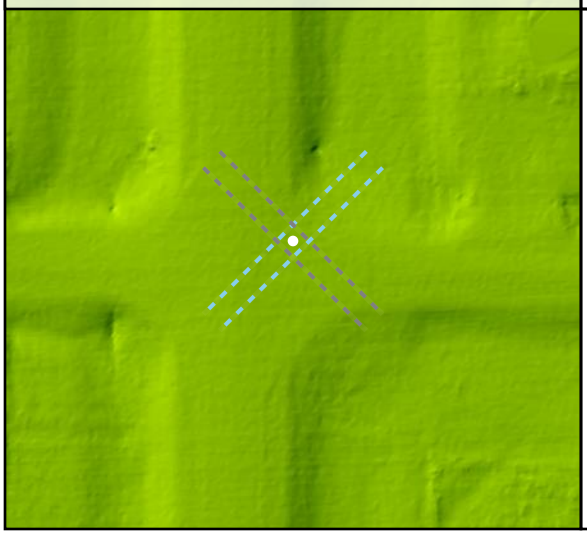
Southwest to Northeast



Intensity Raster

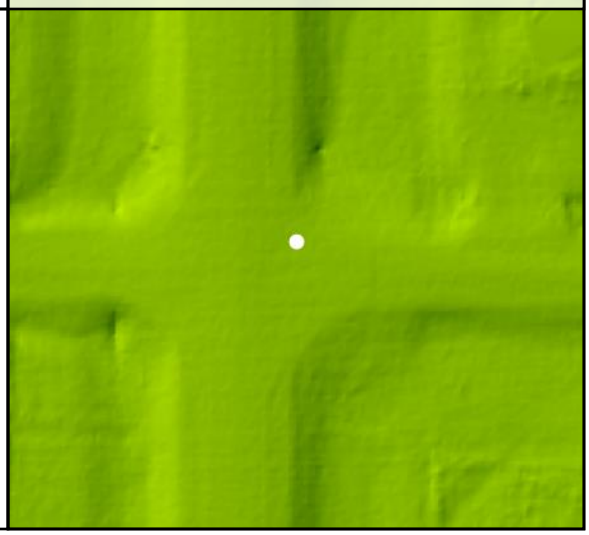


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

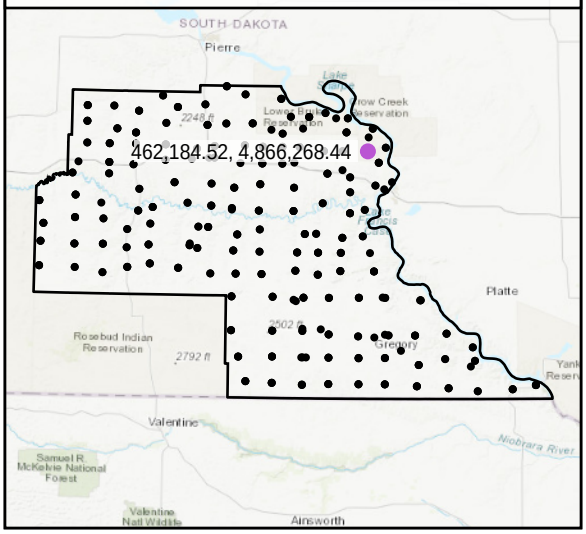
CAL - CAL119

Raw TIN Dz +0.04 m

CAL120

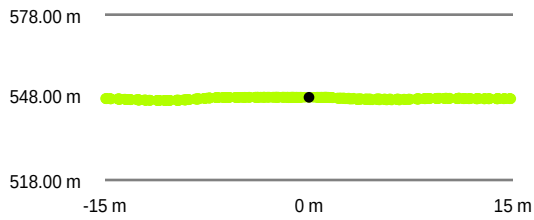
Known Z	548.01 m	Point Density	4.53 ppsm
DEM Dz	0.01 m	Ground Density	4.53 ppsm
Raw TIN Dz	0.01 m	Slope	1.75 °

Project Context

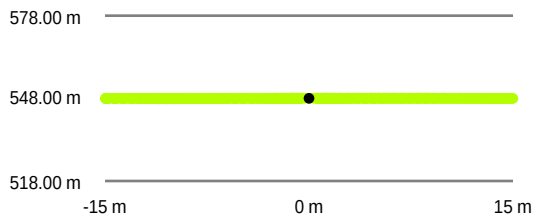


World Imagery

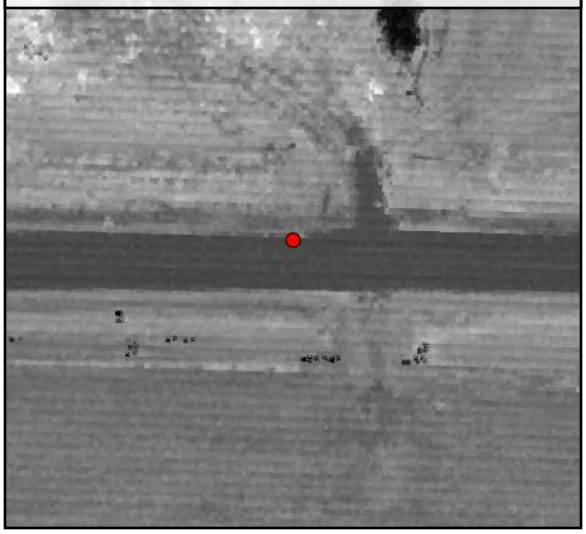
South to North



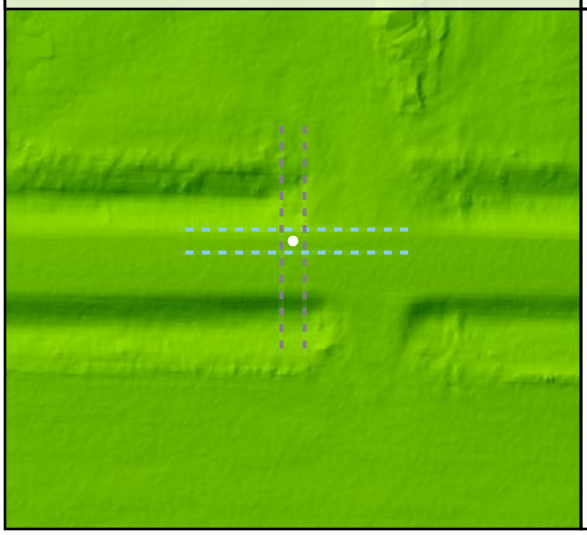
West to East



Intensity Raster

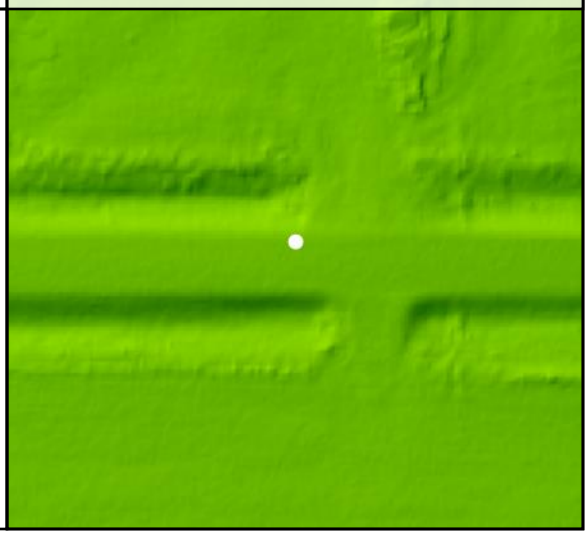


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

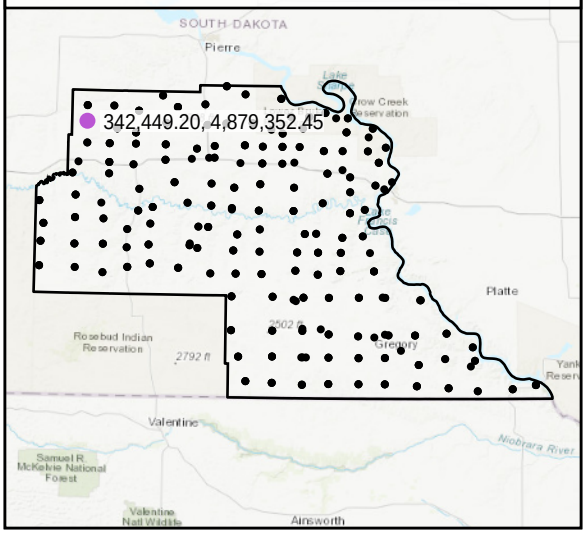
CAL - CAL120

Raw TIN Dz +0.01 m

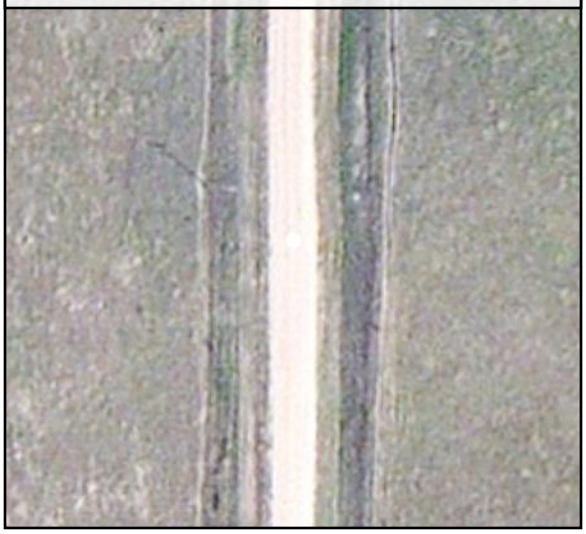
CAL121

Known Z	639.64 m	Point Density	5.20 ppsm
DEM Dz	0.04 m	Ground Density	5.20 ppsm
Raw TIN Dz	0.04 m	Slope	3.33 °

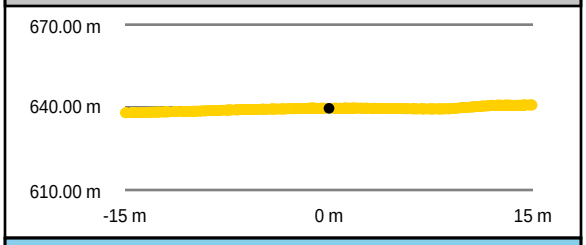
Project Context



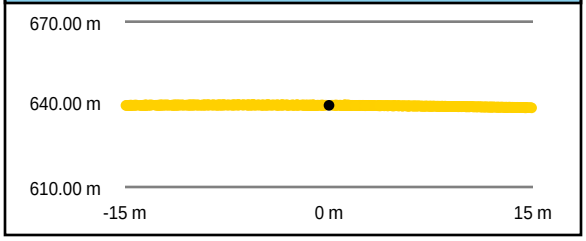
World Imagery



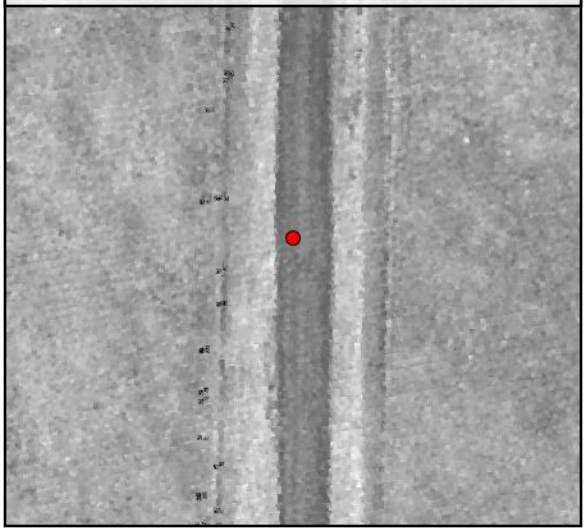
West to East



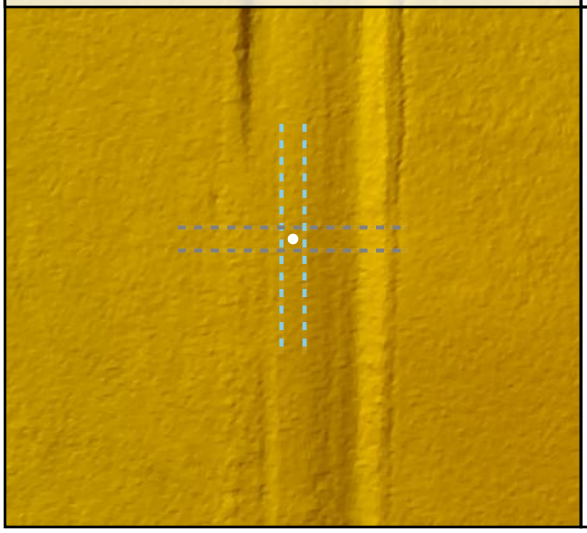
South to North



Intensity Raster

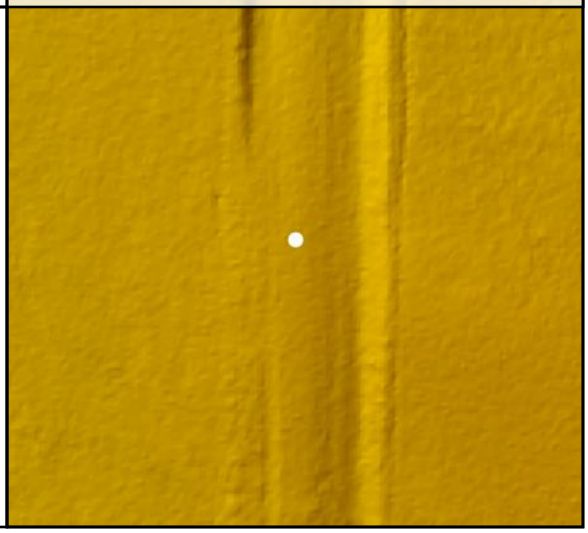


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

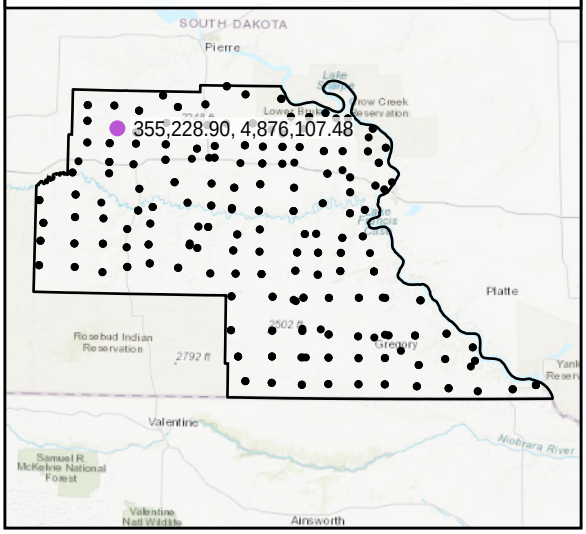
CAL - CAL121

Raw TIN Dz +0.04 m

CAL122

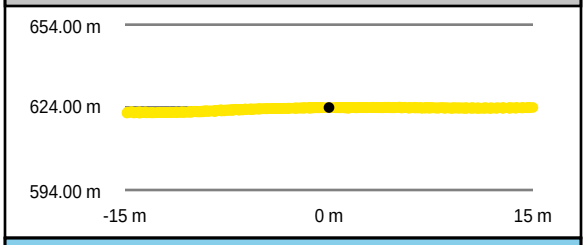
Known Z	623.93 m	Point Density	4.35 ppsm
DEM Dz	-0.05 m	Ground Density	4.35 ppsm
Raw TIN Dz	-0.05 m	Slope	3.23 °

Project Context

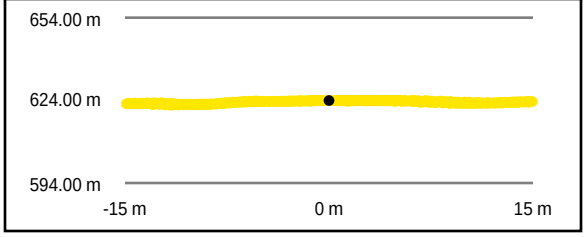


World Imagery

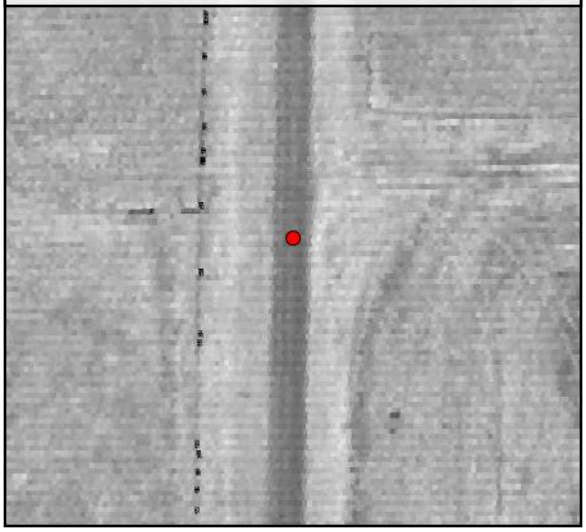
Southwest to Northeast



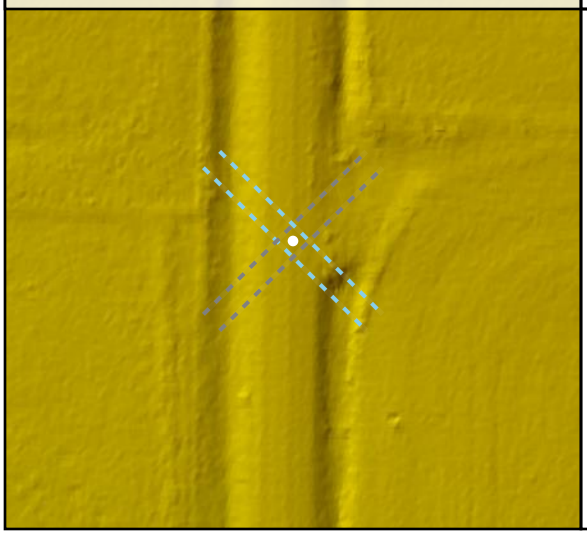
Southeast to Northwest



Intensity Raster

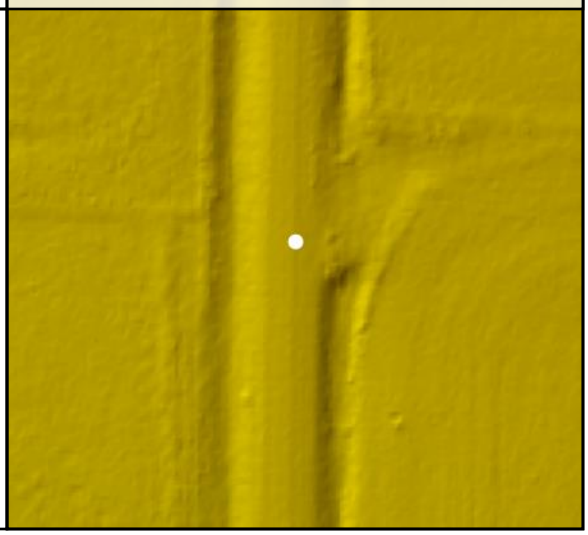


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

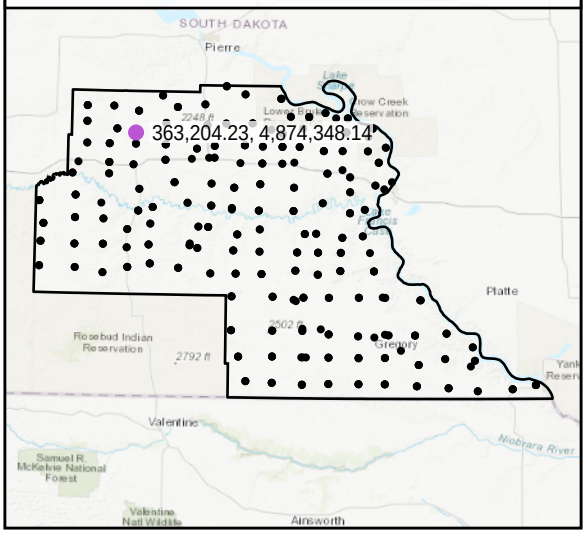
CAL - CAL122

Raw TIN Dz -0.05 m

CAL123

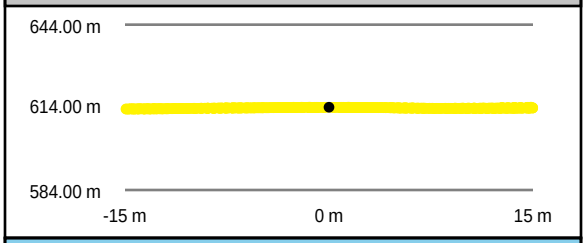
Known Z	614.04 m	Point Density	5.23 ppsm
DEM Dz	-0.03 m	Ground Density	5.23 ppsm
Raw TIN Dz	-0.03 m	Slope	0.38 °

Project Context

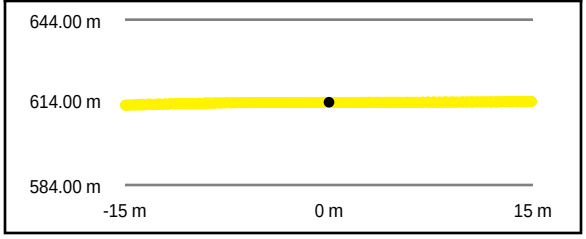


World Imagery

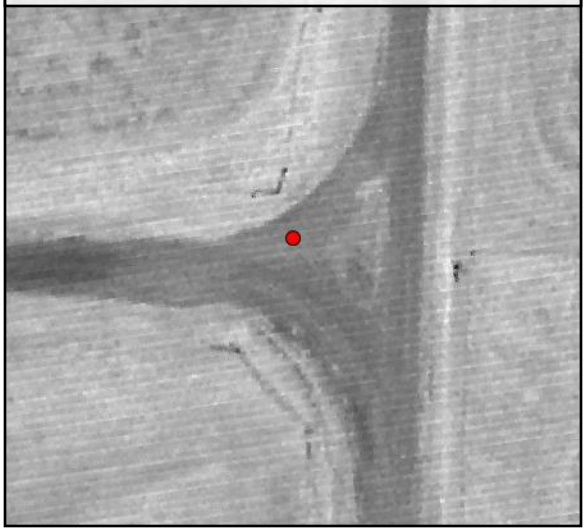
Southeast to Northwest



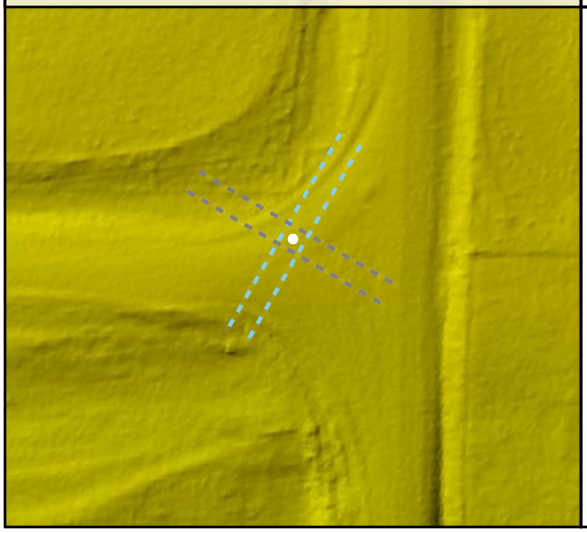
Southwest to Northeast



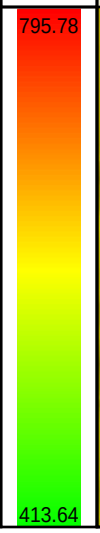
Intensity Raster



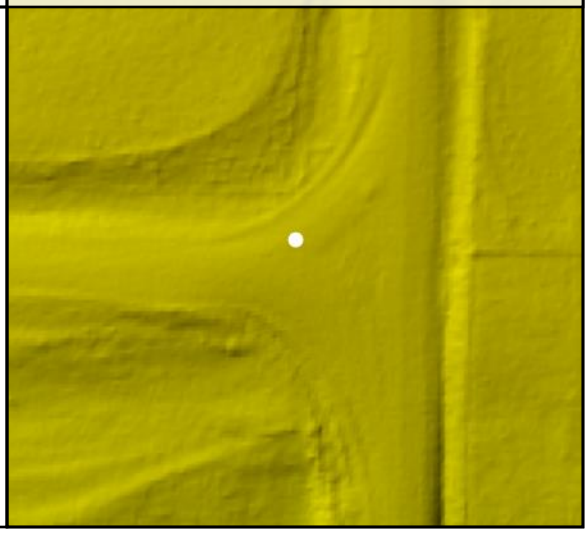
TIN Surface



Project Elevation



DEM Surface



DEM Dz -0.03 m

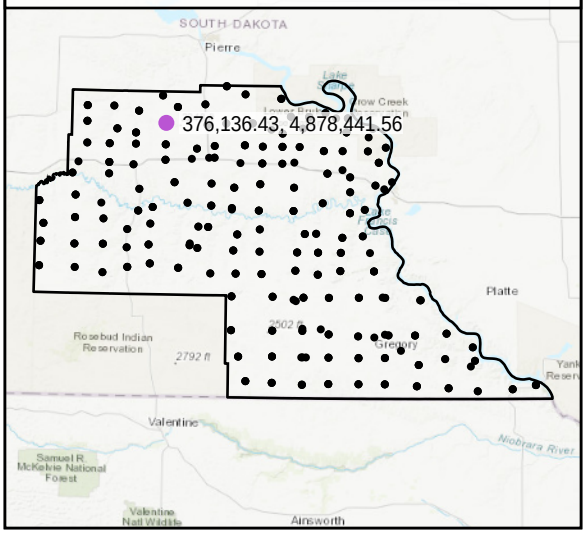
CAL - CAL123

Raw TIN Dz -0.03 m

CAL124

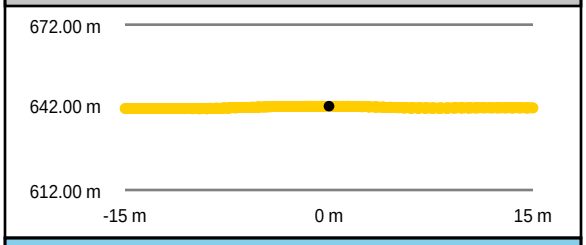
Known Z	642.41 m	Point Density	7.78 ppsm
DEM Dz	-0.06 m	Ground Density	7.78 ppsm
Raw TIN Dz	-0.06 m	Slope	1.91 °

Project Context

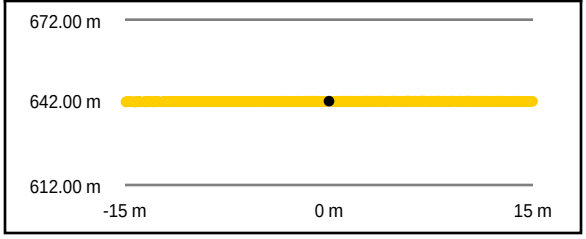


World Imagery

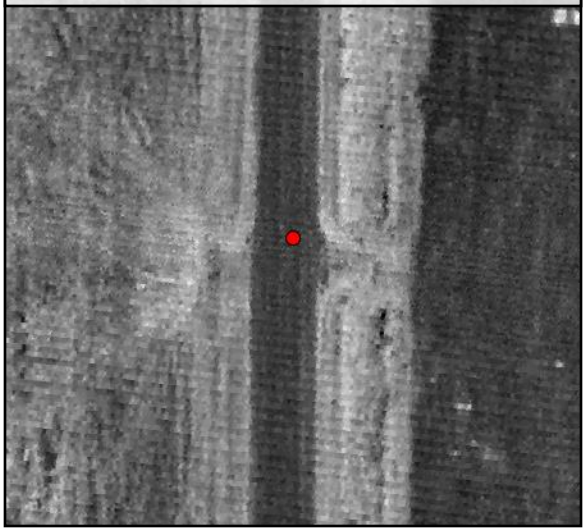
West to East



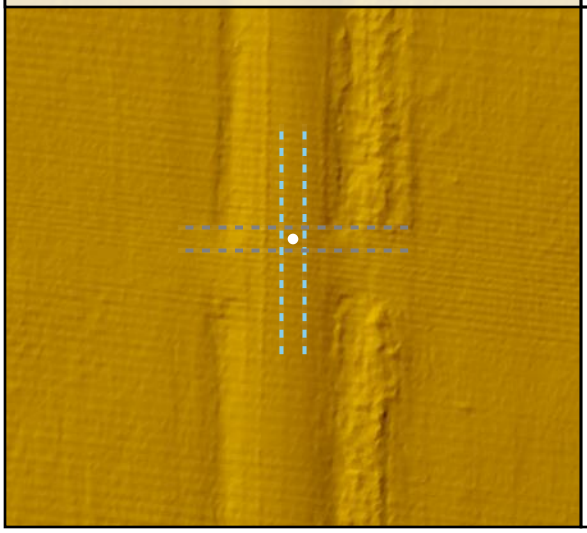
South to North



Intensity Raster

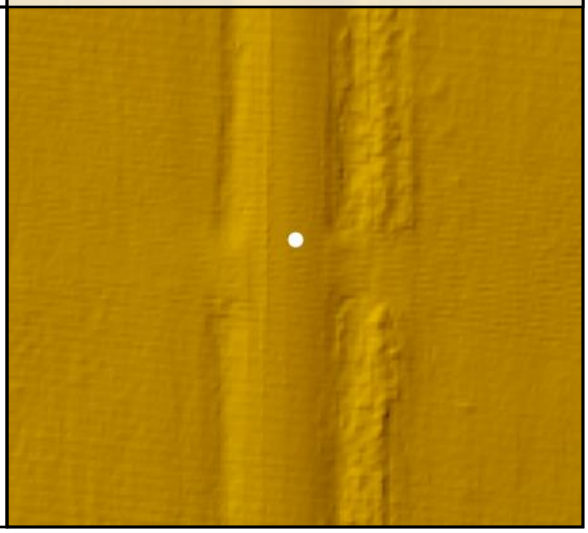


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

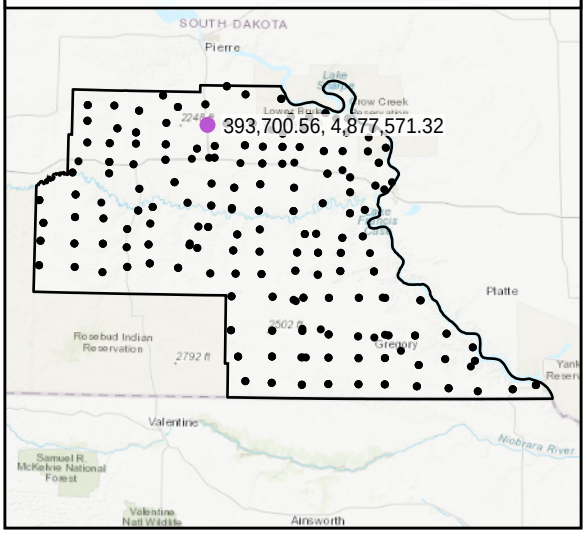
CAL - CAL124

Raw TIN Dz -0.06 m

CAL125

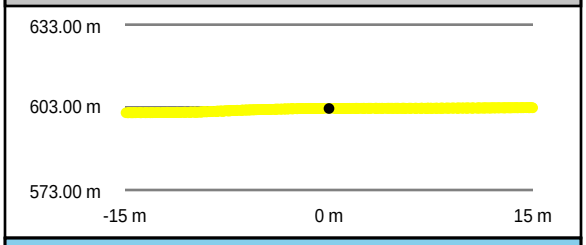
Known Z	602.58 m	Point Density	5.31 ppsm
DEM Dz	0.04 m	Ground Density	5.31 ppsm
Raw TIN Dz	0.05 m	Slope	1.91 °

Project Context

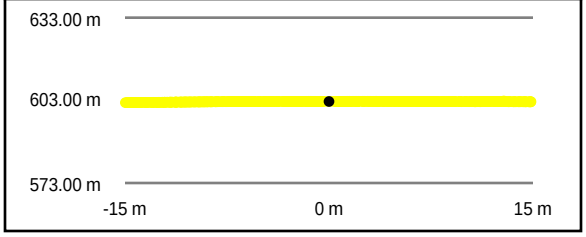


World Imagery

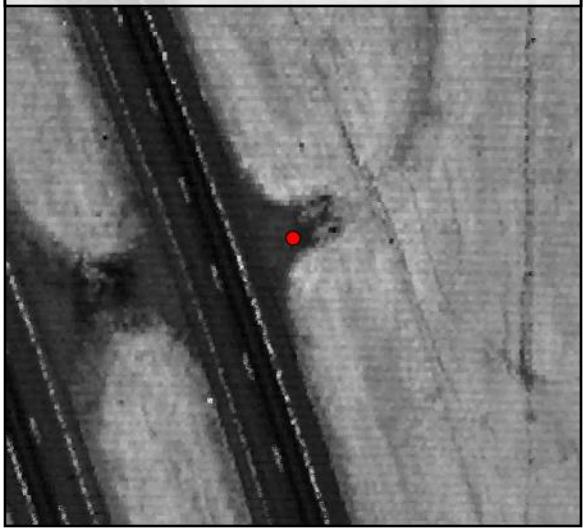
Southeast to Northwest



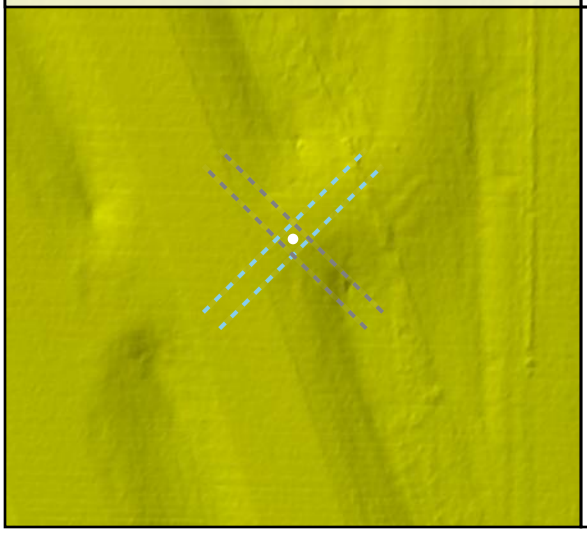
Southwest to Northeast



Intensity Raster

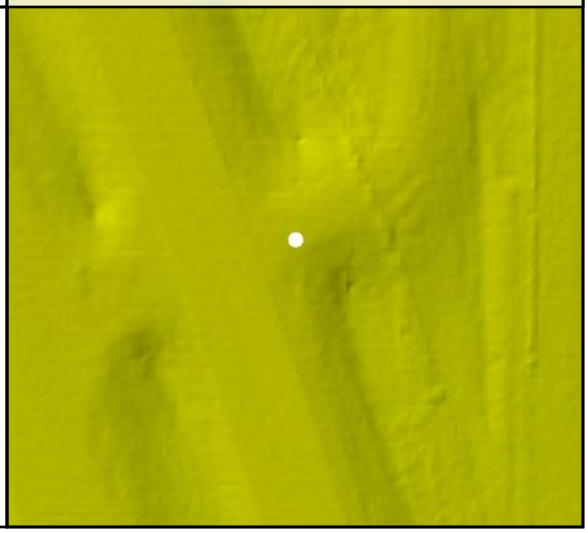


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

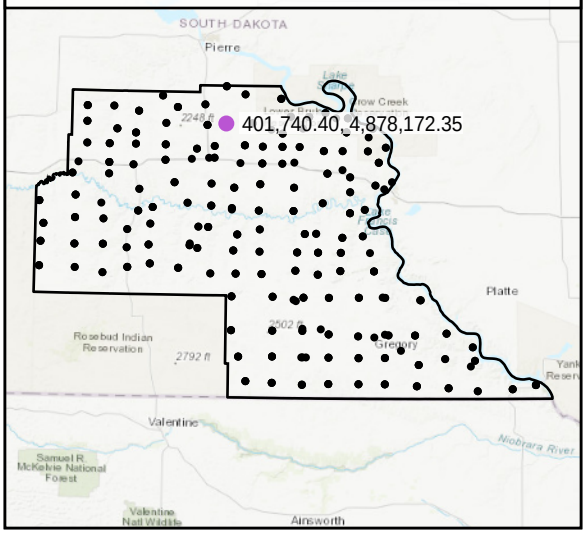
CAL - CAL125

Raw TIN Dz +0.05 m

CAL126

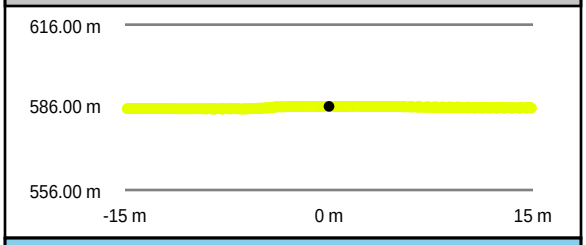
Known Z	586.34 m	Point Density	4.88 ppsm
DEM Dz	0.00 m	Ground Density	4.88 ppsm
Raw TIN Dz	0.00 m	Slope	0.27 °

Project Context

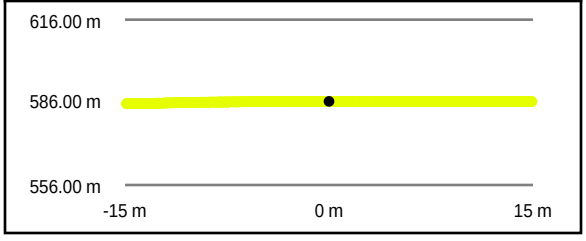


World Imagery

West to East

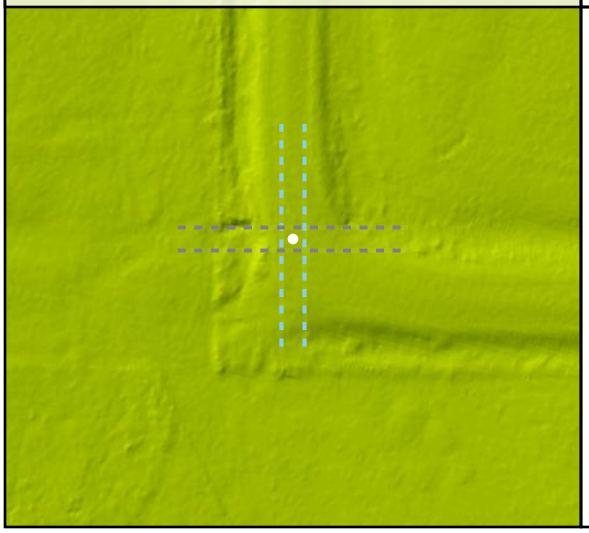


South to North



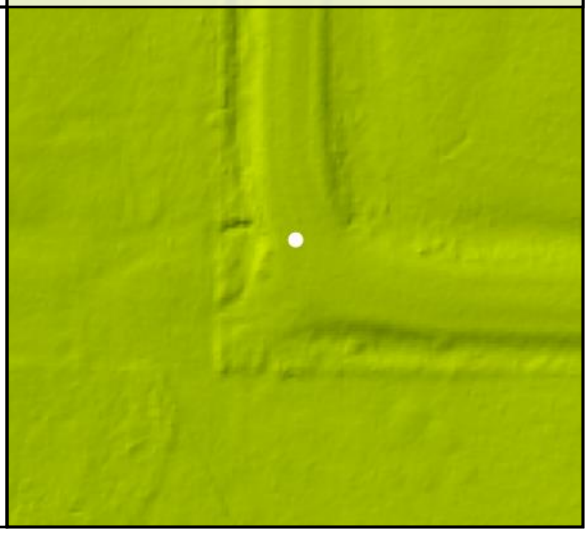
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz 0.00 m

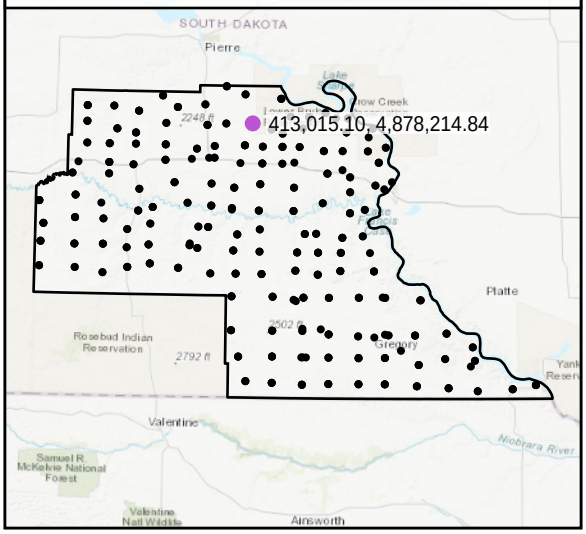
CAL - CAL126

Raw TIN Dz 0.00 m

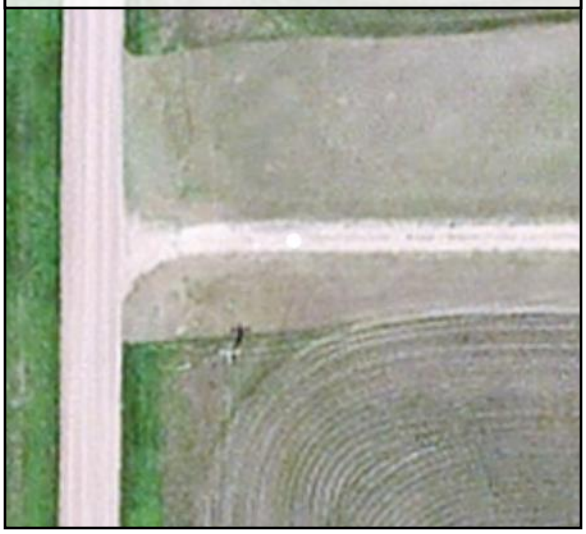
CAL127

Known Z	619.55 m	Point Density	5.06 ppsm
DEM Dz	0.08 m	Ground Density	5.06 ppsm
Raw TIN Dz	0.07 m	Slope	0.91 °

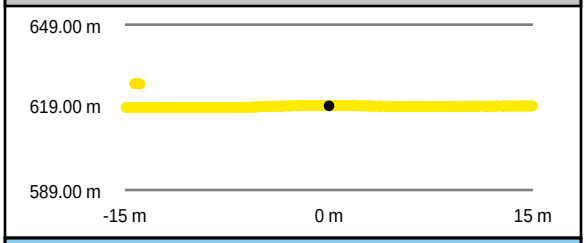
Project Context



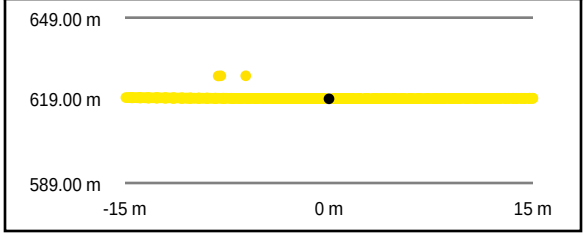
World Imagery



South to North

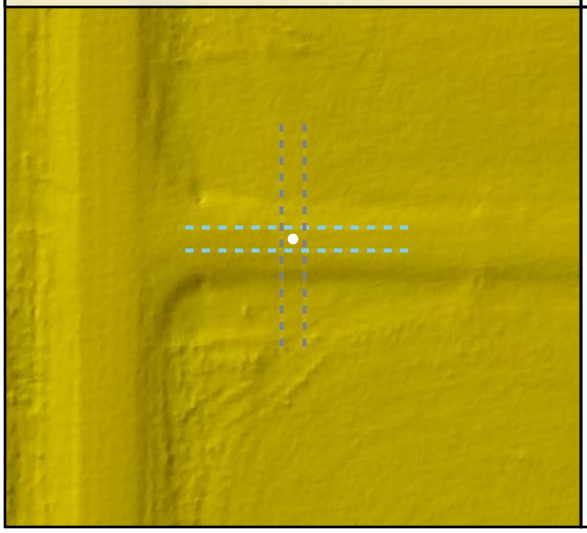


West to East



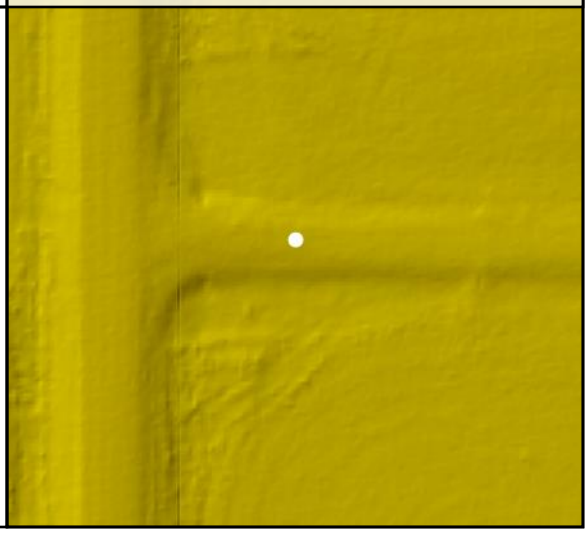
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



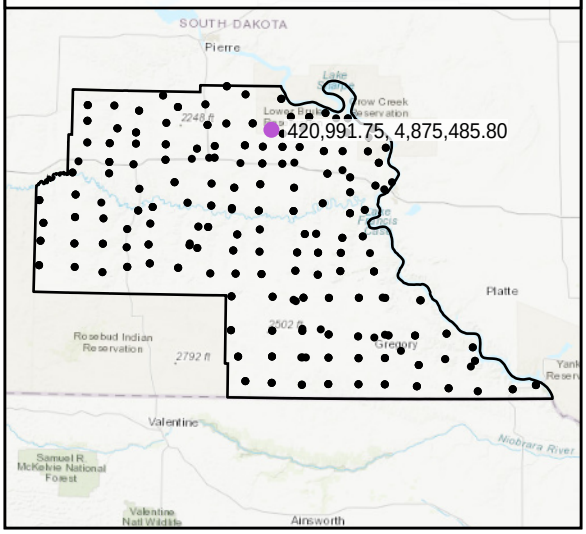
DEM Dz +0.08 m

CAL - CAL127

Raw TIN Dz +0.07 m

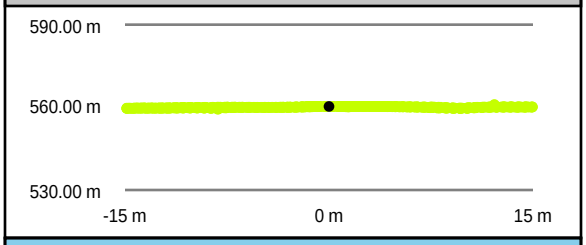
CAL128				
	Known Z	560.32 m	Point Density	5.20 ppsm
	DEM Dz	-0.02 m	Ground Density	5.20 ppsm
	Raw TIN Dz	-0.02 m	Slope	3.14 °

Project Context

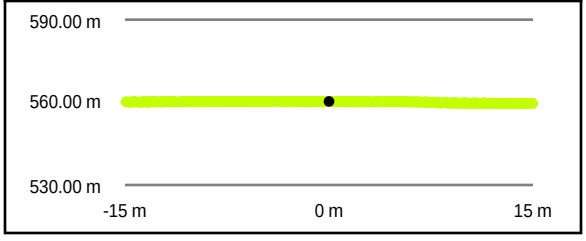


World Imagery

Southeast to Northwest

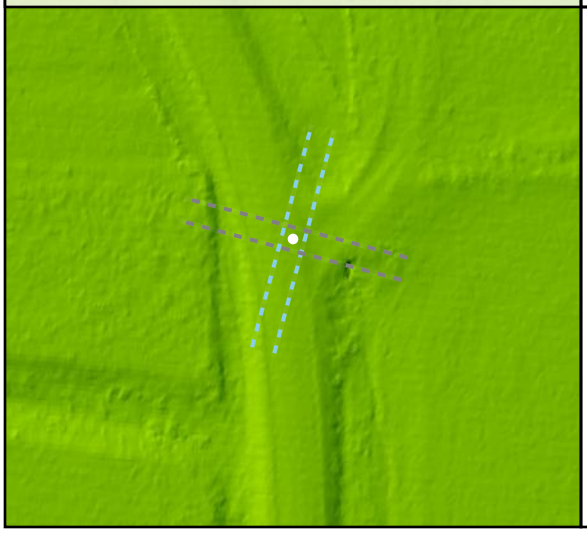


Southwest to Northeast



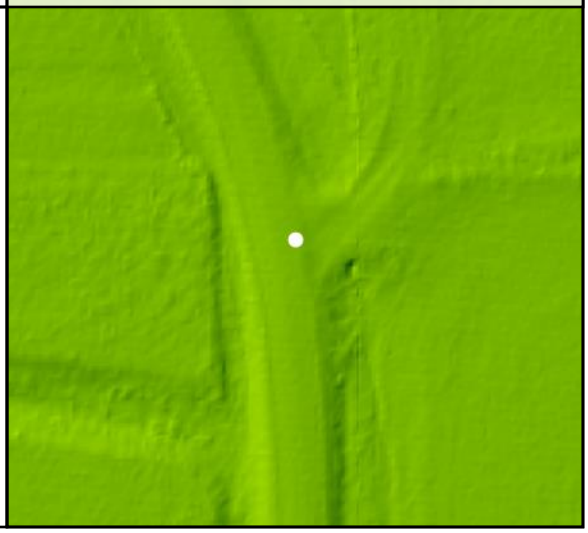
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

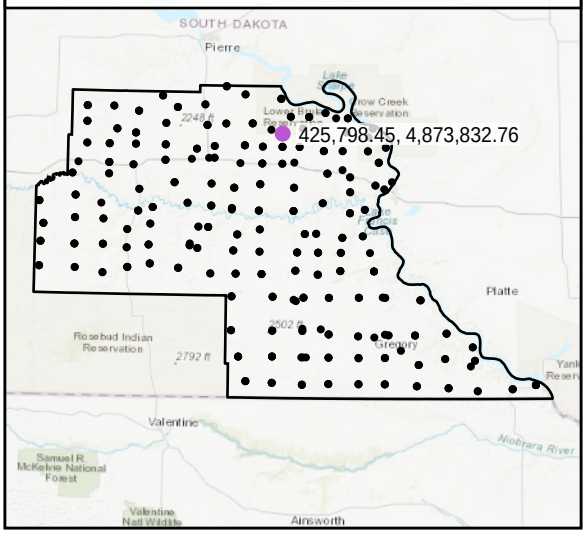
CAL - CAL128

Raw TIN Dz -0.02 m

CAL129

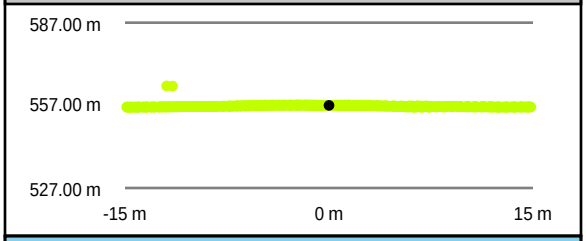
Known Z	556.98 m	Point Density	4.63 ppsm
DEM Dz	0.03 m	Ground Density	4.63 ppsm
Raw TIN Dz	0.03 m	Slope	2.39 °

Project Context

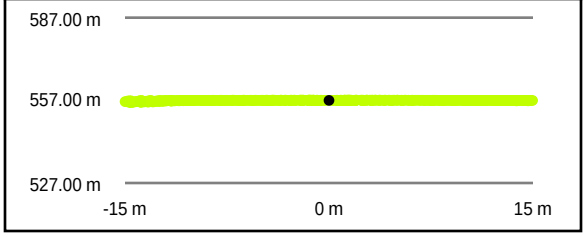


World Imagery

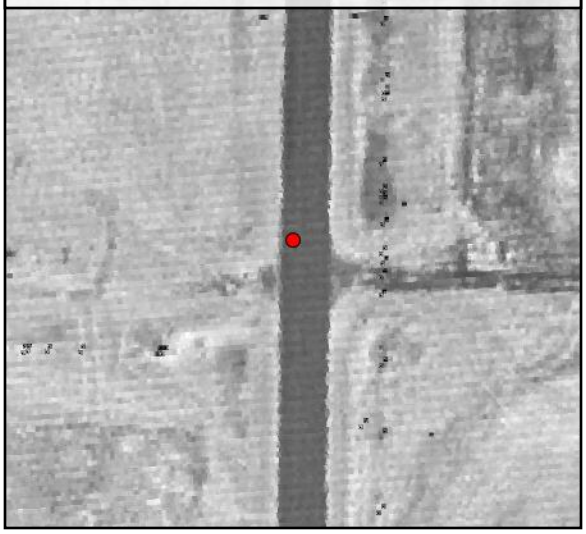
Southeast to Northwest



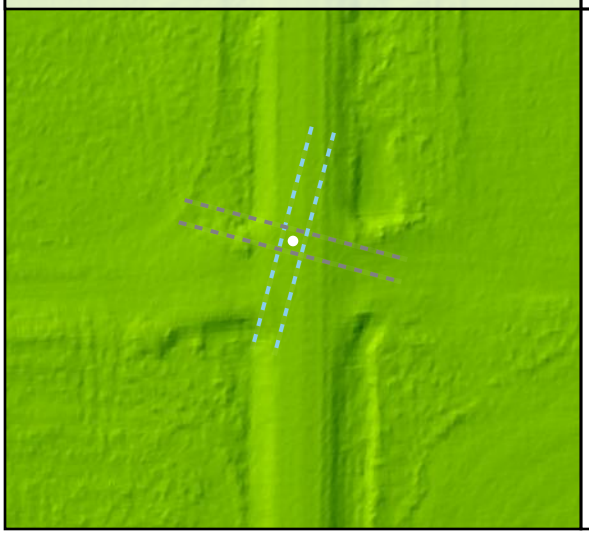
Southwest to Northeast



Intensity Raster



TIN Surface



Project Elevation

DEM Surface

DEM Dz +0.03 m

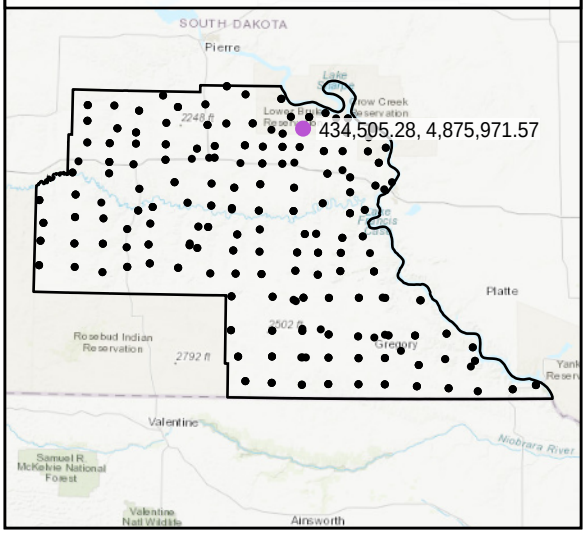
CAL - CAL129

Raw TIN Dz +0.03 m

CAL130

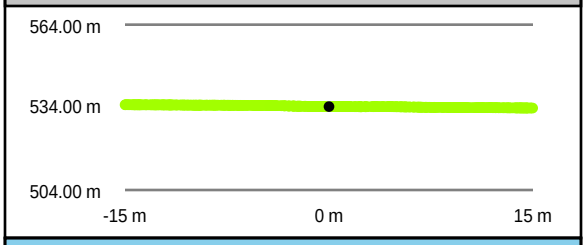
Known Z	534.27 m	Point Density	4.60 ppsm
DEM Dz	0.03 m	Ground Density	4.60 ppsm
Raw TIN Dz	0.03 m	Slope	3.06 °

Project Context

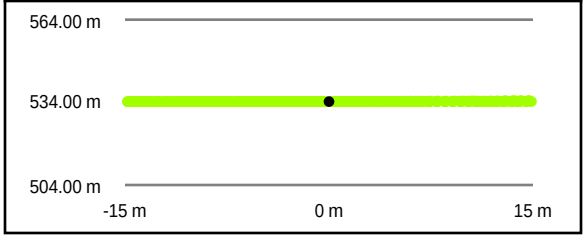


World Imagery

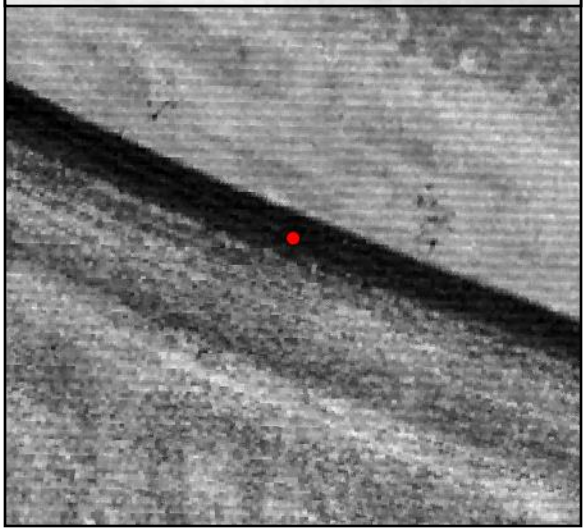
Southwest to Northeast



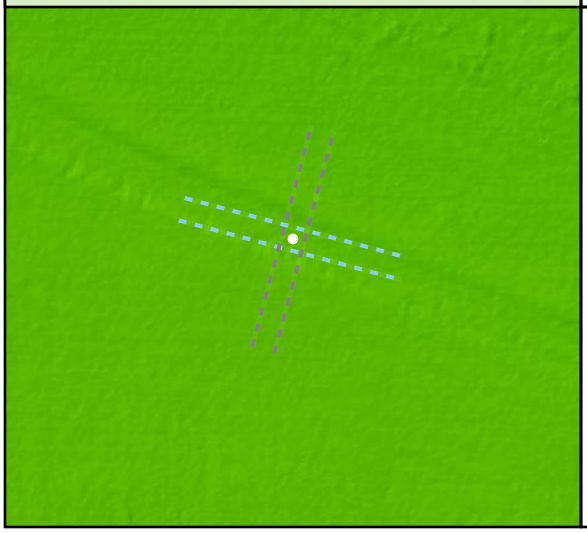
Southeast to Northwest



Intensity Raster



TIN Surface

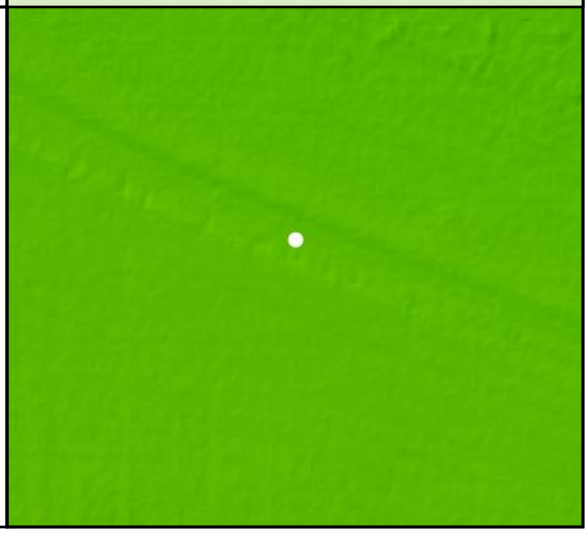


Project Elevation

795.78

413.64

DEM Surface



DEM Dz +0.03 m

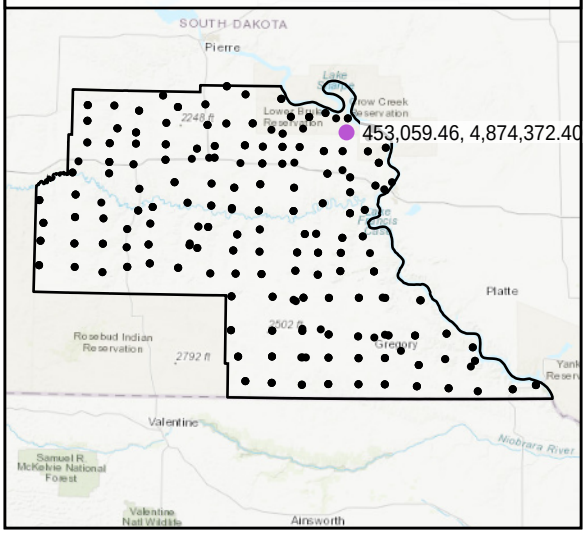
CAL - CAL130

Raw TIN Dz +0.03 m

CAL131

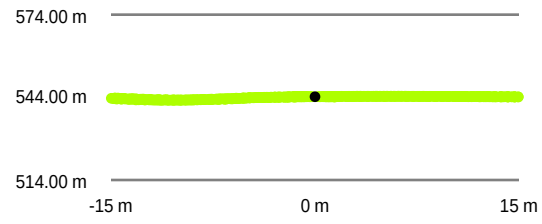
Known Z	544.22 m	Point Density	5.48 ppsm
DEM Dz	0.01 m	Ground Density	5.48 ppsm
Raw TIN Dz	0.01 m	Slope	4.23 °

Project Context

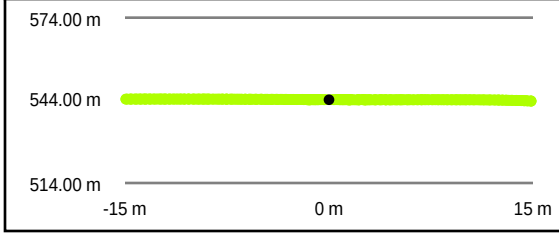


World Imagery

Southwest to Northeast

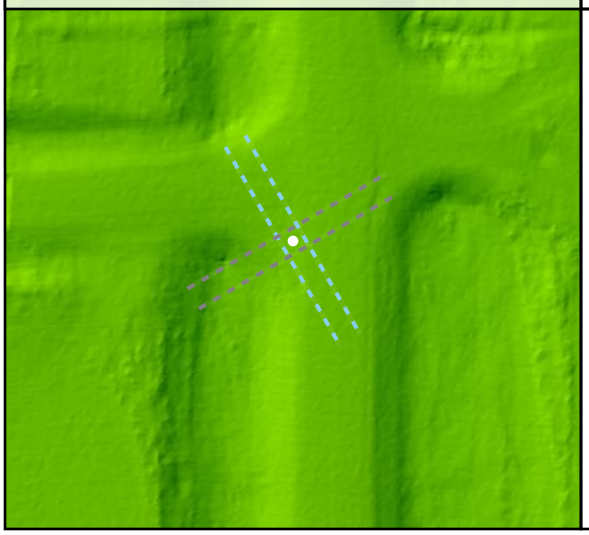


Southeast to Northwest



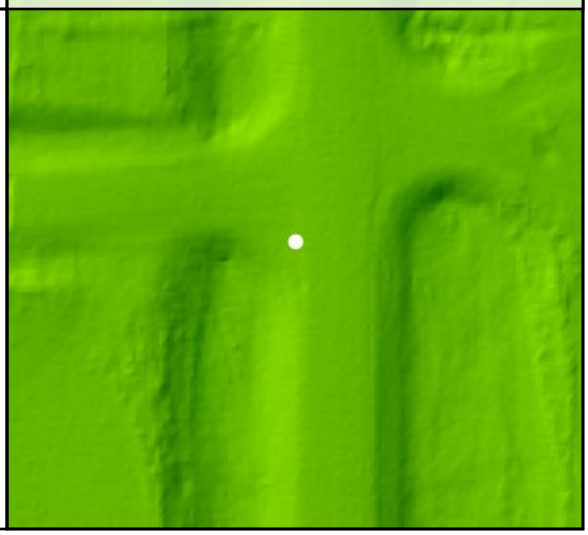
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

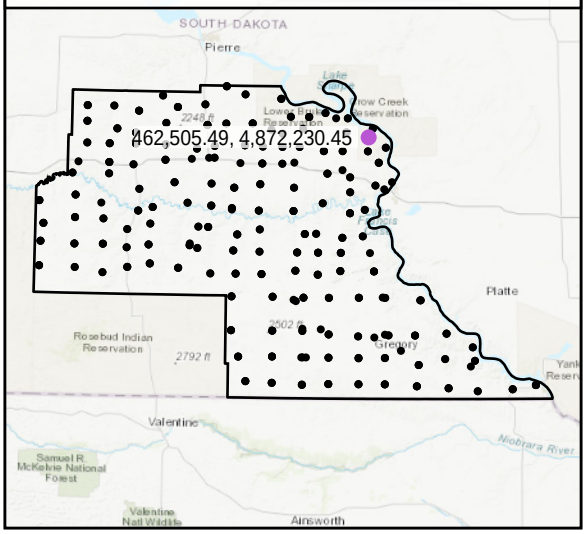
CAL - CAL131

Raw TIN Dz +0.01 m

CAL132

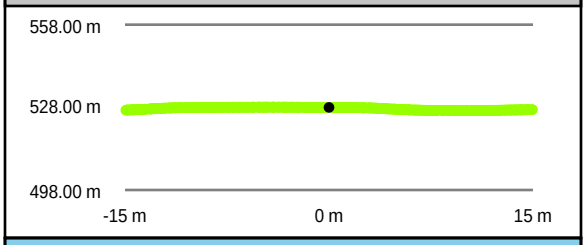
Known Z	527.97 m	Point Density	5.23 ppsm
DEM Dz	0.01 m	Ground Density	5.23 ppsm
Raw TIN Dz	0.01 m	Slope	1.06 °

Project Context

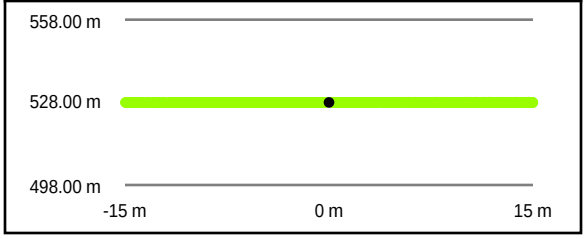


World Imagery

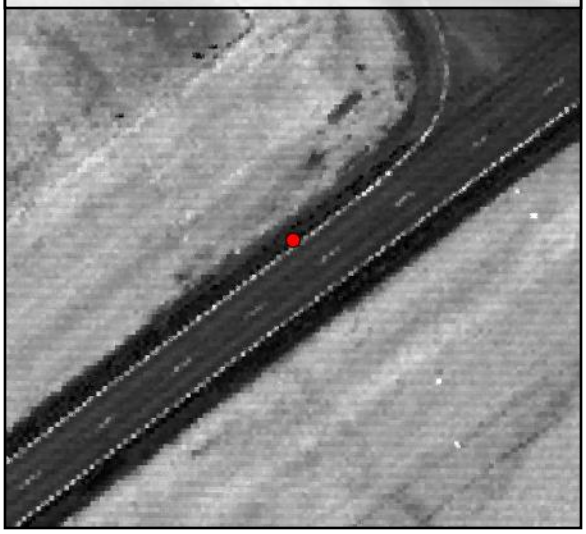
Southeast to Northwest



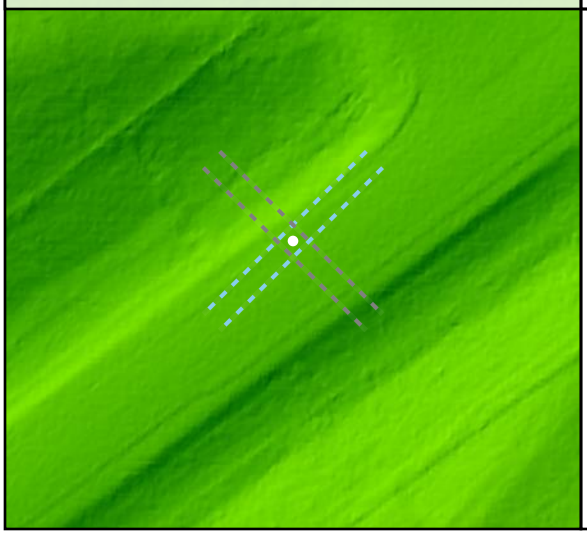
Southwest to Northeast



Intensity Raster

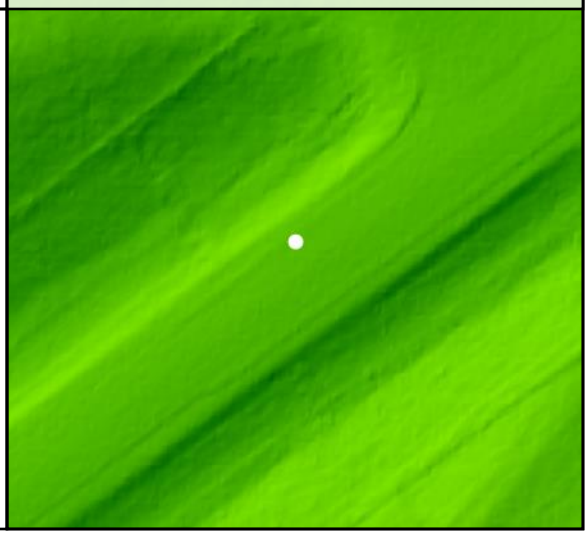


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

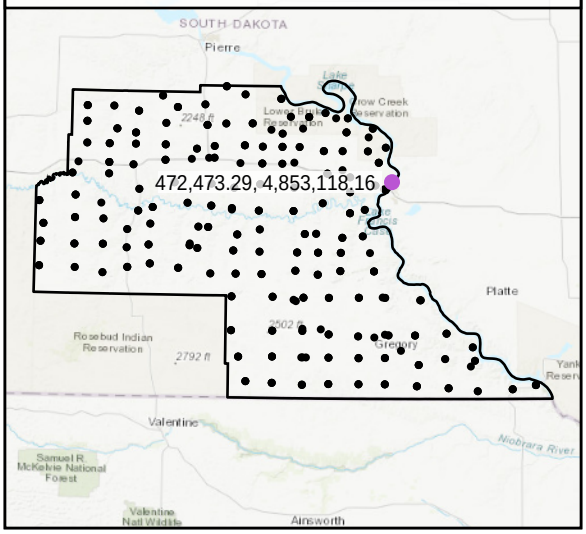
CAL - CAL132

Raw TIN Dz +0.01 m

CAL133

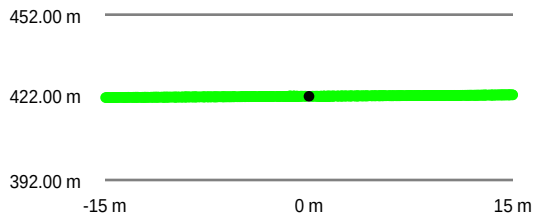
Known Z	422.36 m	Point Density	5.27 ppsm
DEM Dz	0.04 m	Ground Density	5.27 ppsm
Raw TIN Dz	0.03 m	Slope	2.35 °

Project Context

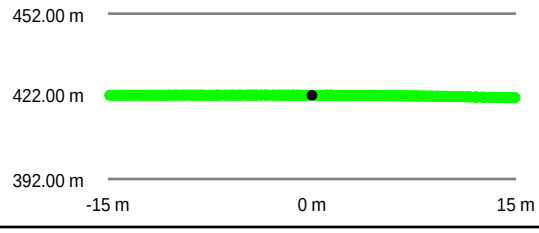


World Imagery

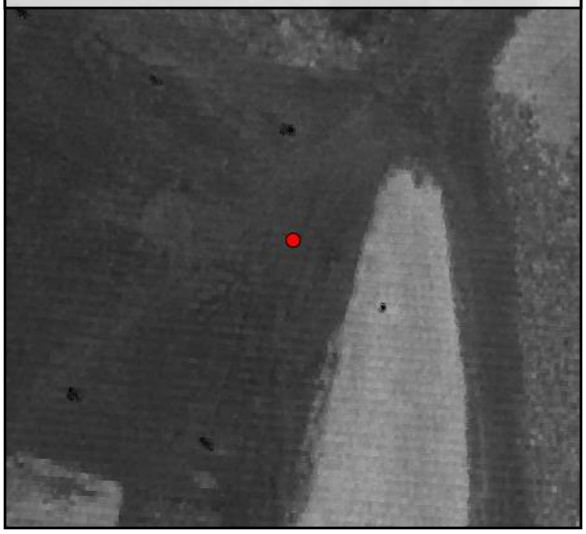
Southeast to Northwest



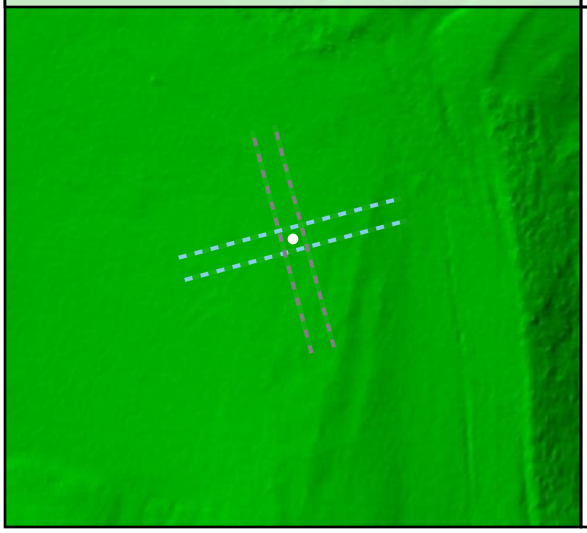
Southwest to Northeast



Intensity Raster

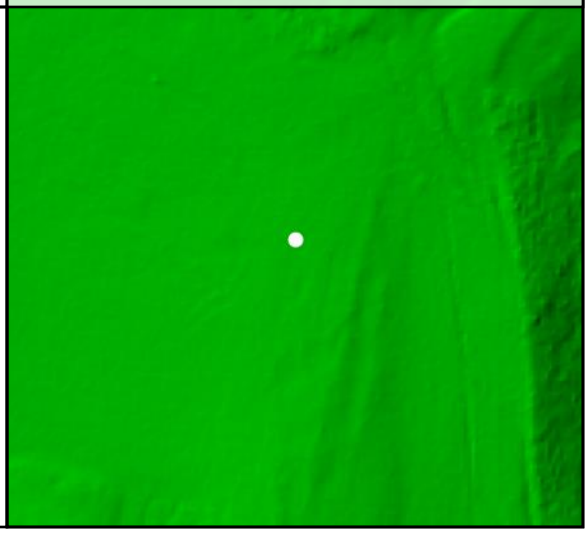


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.04 m

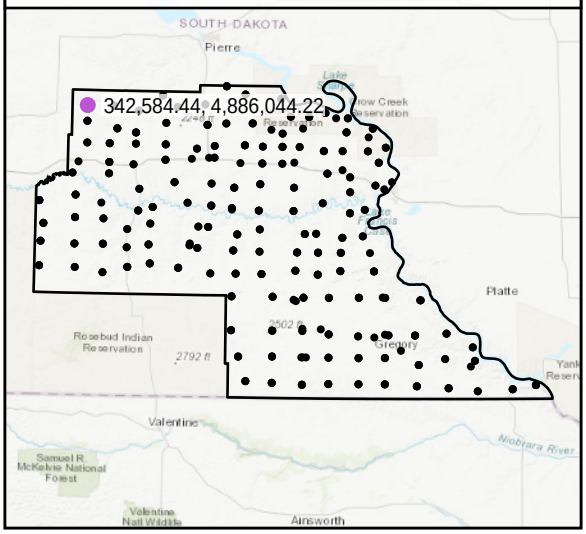
CAL - CAL133

Raw TIN Dz +0.03 m

CAL134

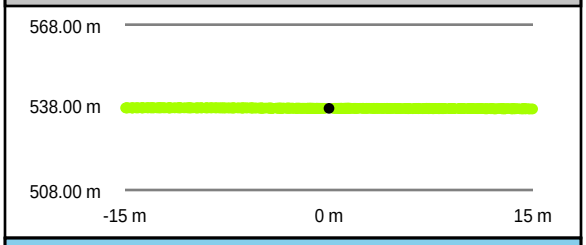
Known Z	537.64 m	Point Density	4.53 ppsm
DEM Dz	0.01 m	Ground Density	4.53 ppsm
Raw TIN Dz	0.02 m	Slope	1.50 °

Project Context

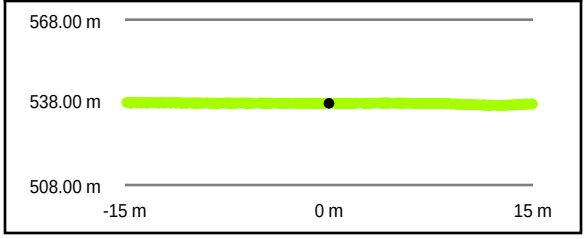


World Imagery

West to East

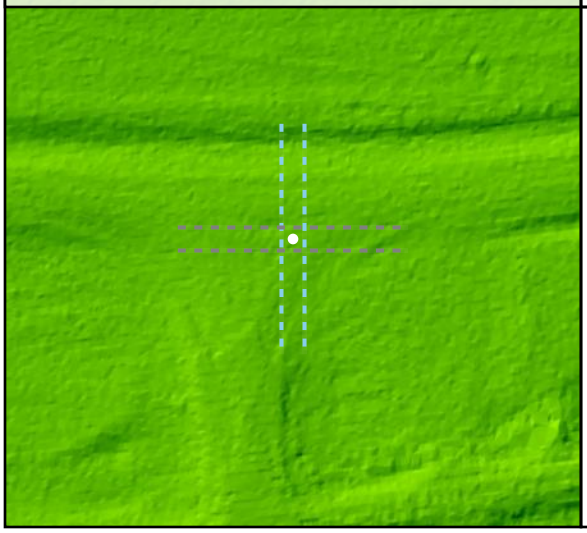


South to North



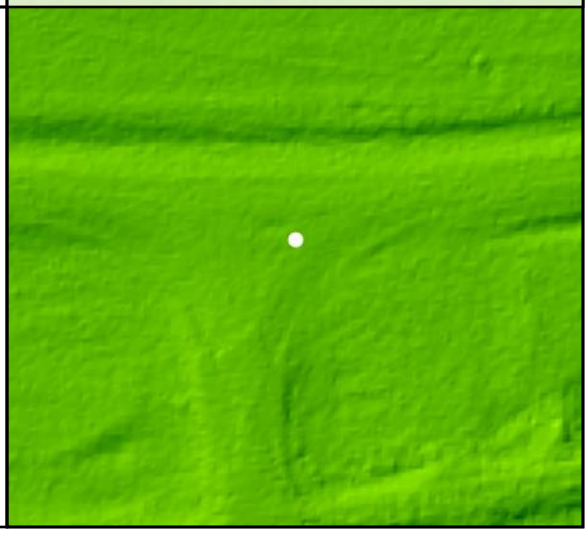
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

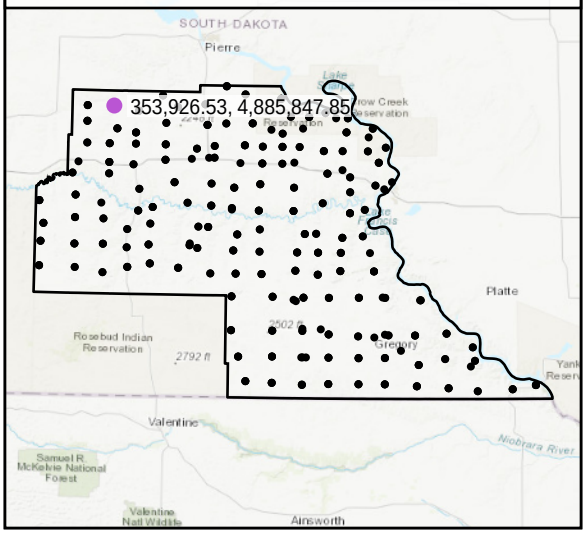
CAL - CAL134

Raw TIN Dz +0.02 m

CAL135

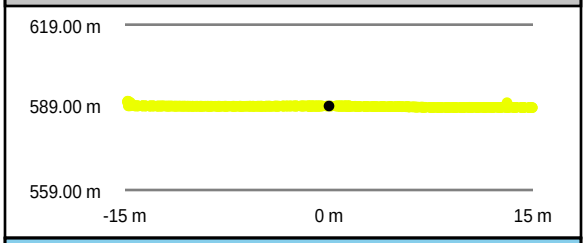
Known Z	589.48 m	Point Density	4.67 ppsm
DEM Dz	-0.01 m	Ground Density	4.67 ppsm
Raw TIN Dz	0.00 m	Slope	3.11 °

Project Context

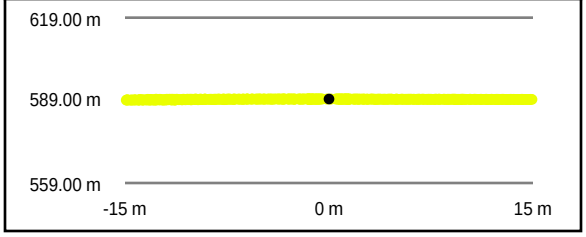


World Imagery

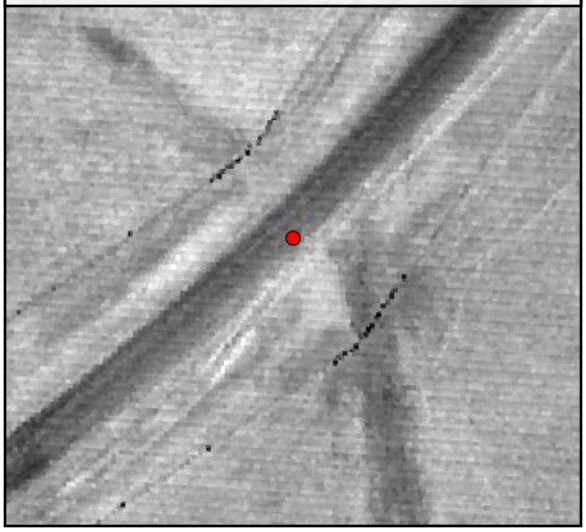
Southeast to Northwest



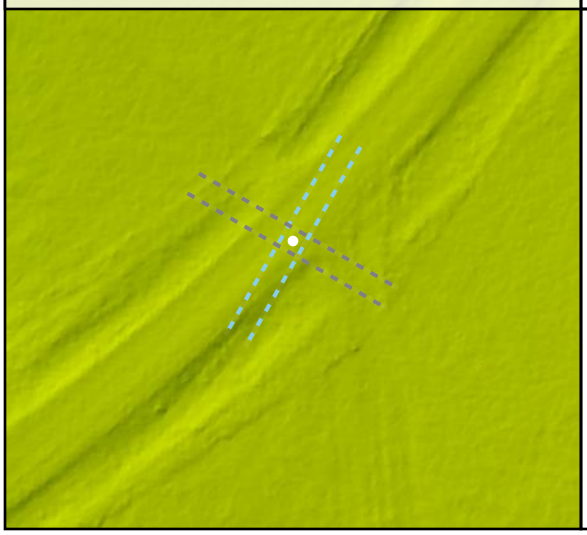
Southwest to Northeast



Intensity Raster

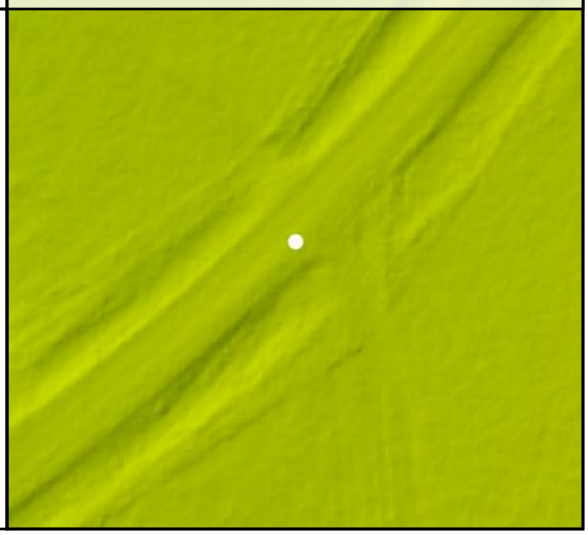


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

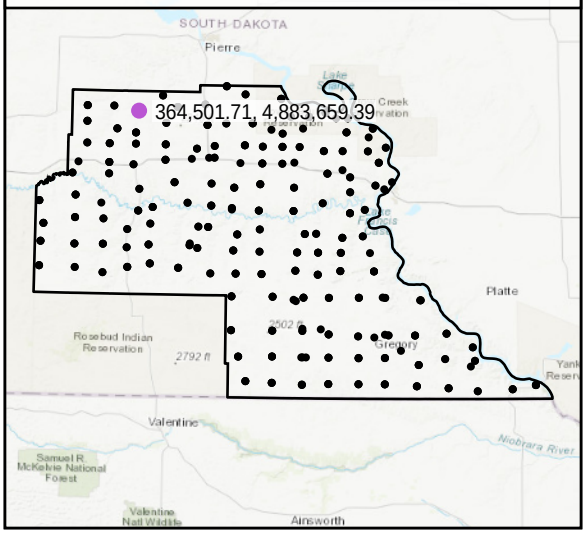
CAL - CAL135

Raw TIN Dz 0.00 m

CAL136

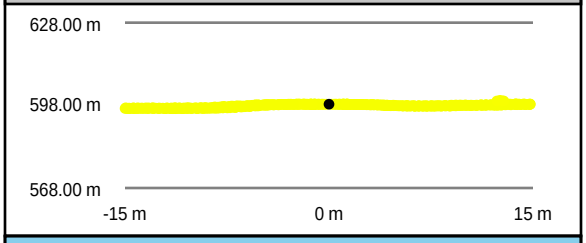
Known Z	598.41 m	Point Density	4.74 ppsm
DEM Dz	-0.01 m	Ground Density	4.74 ppsm
Raw TIN Dz	-0.01 m	Slope	2.66 °

Project Context

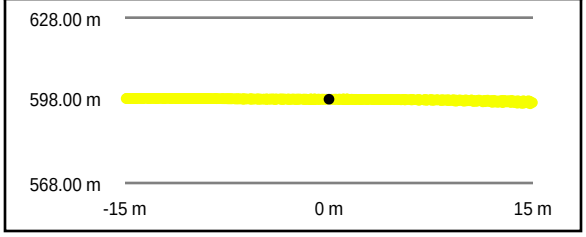


World Imagery

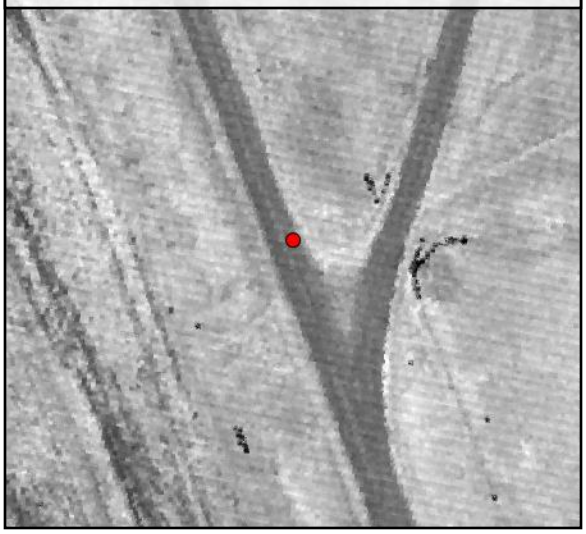
Southwest to Northeast



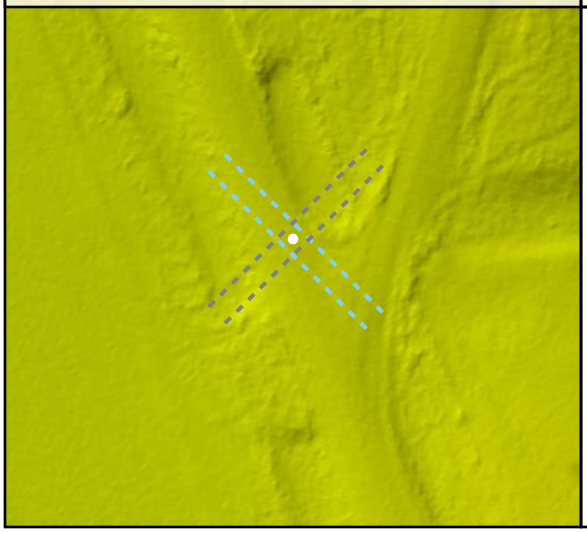
Southeast to Northwest



Intensity Raster

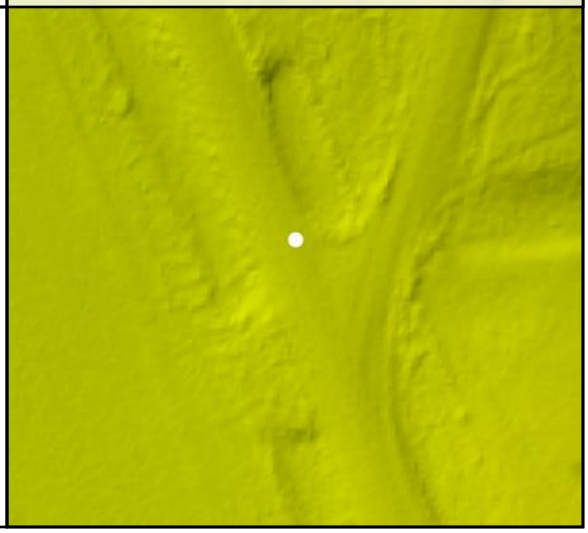


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.01 m

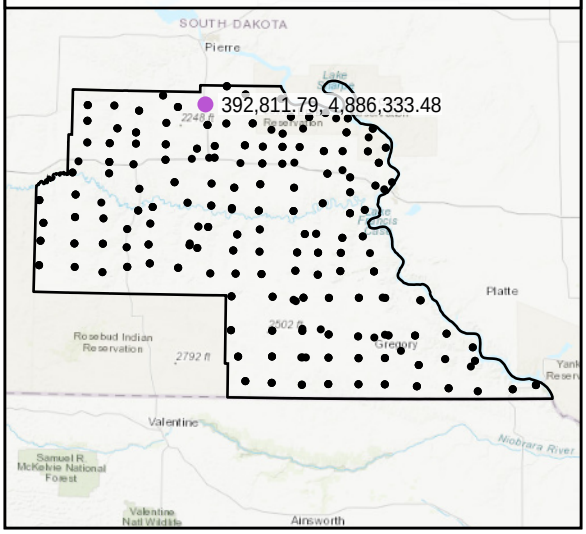
CAL - CAL136

Raw TIN Dz -0.01 m

CAL137

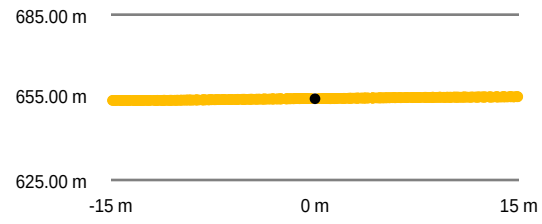
Known Z	654.48 m	Point Density	4.46 ppsm
DEM Dz	0.08 m	Ground Density	4.46 ppsm
Raw TIN Dz	0.08 m	Slope	2.17 °

Project Context

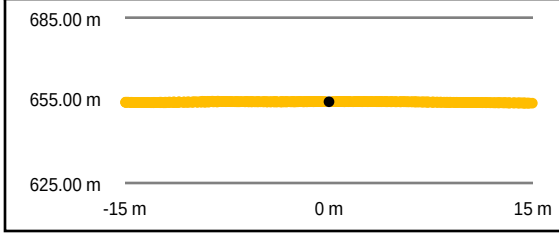


World Imagery

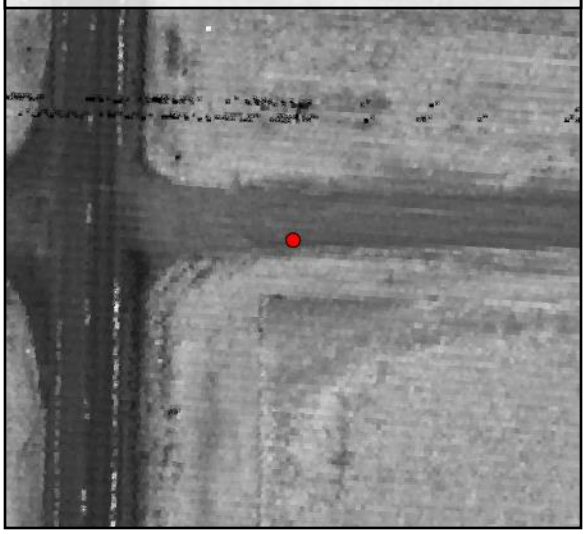
Southwest to Northeast



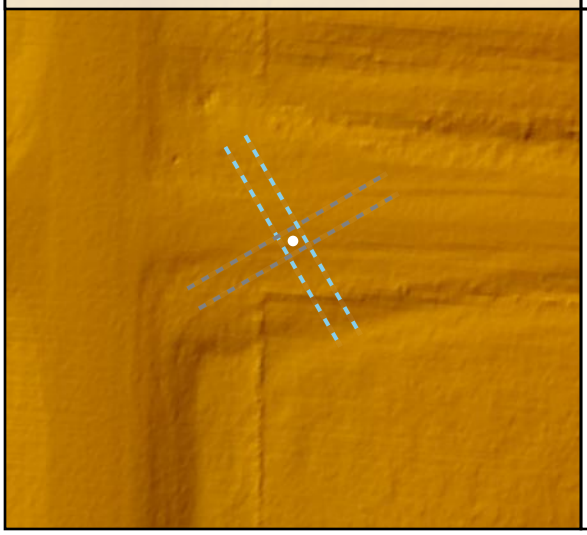
Southeast to Northwest



Intensity Raster

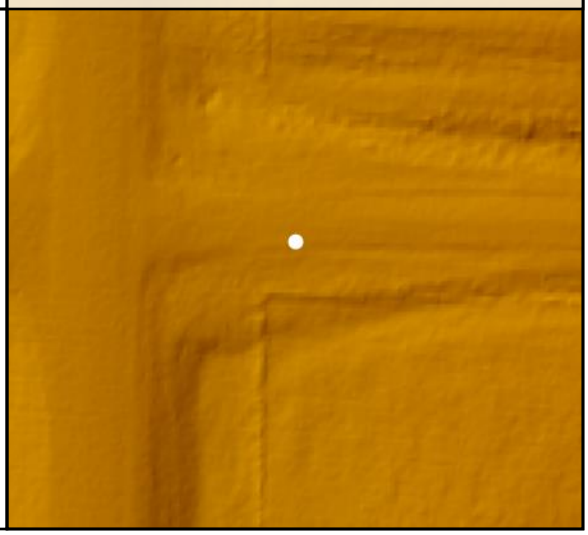


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.08 m

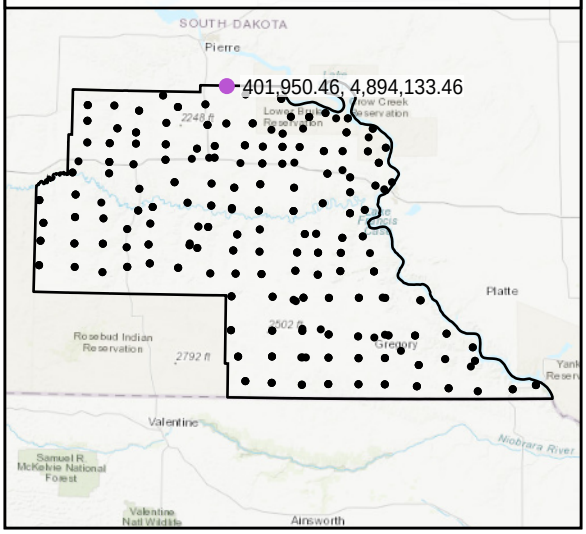
CAL - CAL137

Raw TIN Dz +0.08 m

CAL138

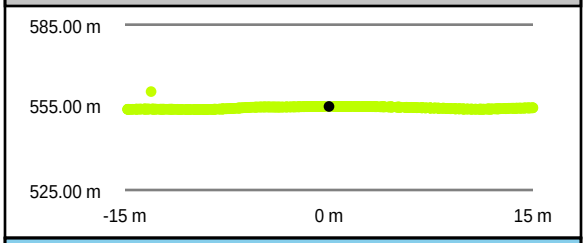
Known Z	555.32 m	Point Density	4.92 ppsm
DEM Dz	-0.02 m	Ground Density	4.92 ppsm
Raw TIN Dz	-0.02 m	Slope	1.14 °

Project Context

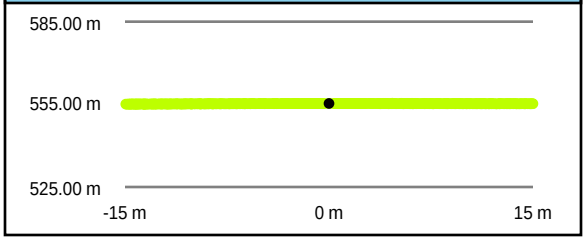


World Imagery

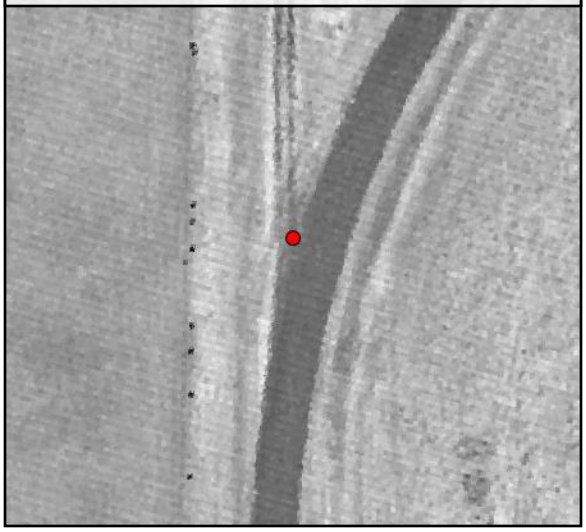
West to East



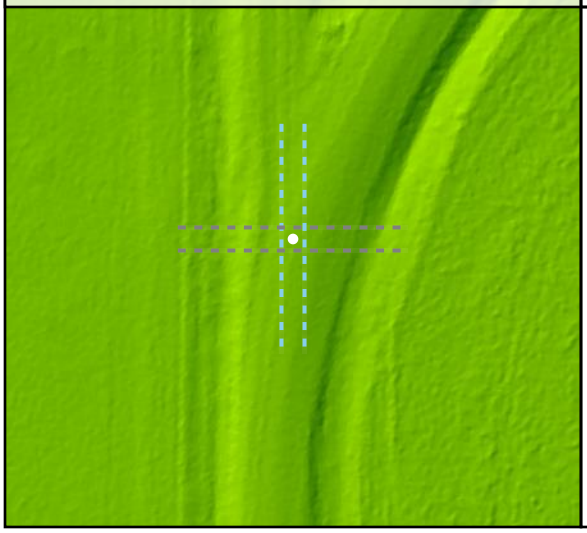
South to North



Intensity Raster

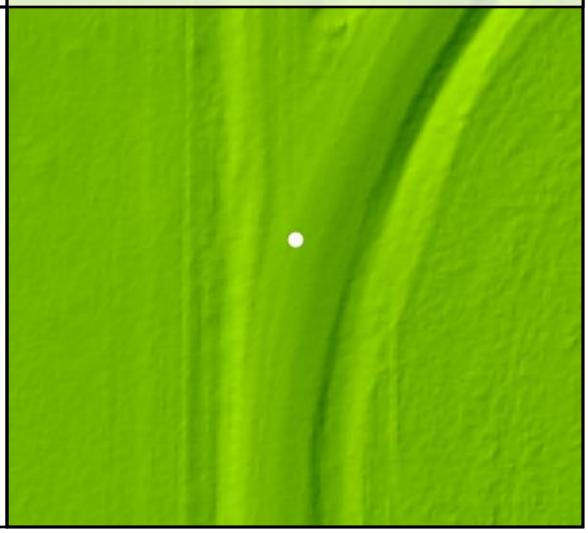


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.02 m

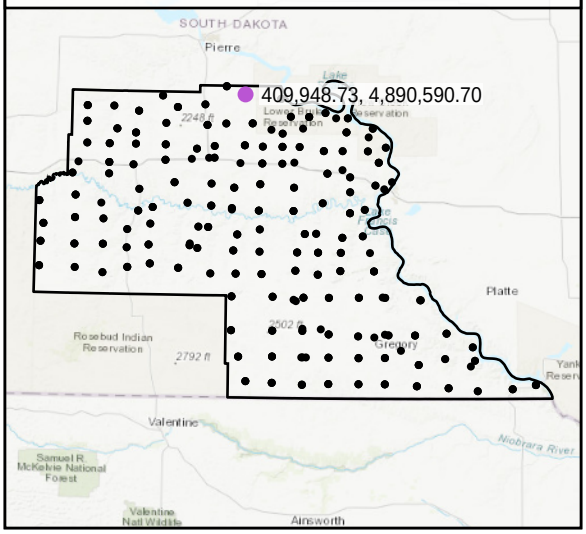
CAL - CAL138

Raw TIN Dz -0.02 m

CAL139

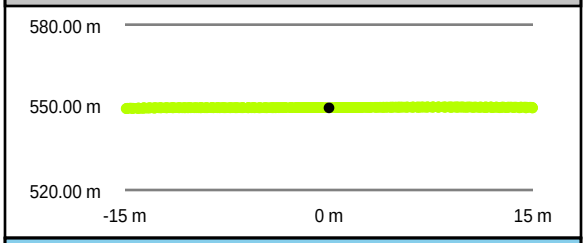
Known Z	549.81 m	Point Density	4.10 ppsm
DEM Dz	0.09 m	Ground Density	4.10 ppsm
Raw TIN Dz	0.09 m	Slope	1.66 °

Project Context

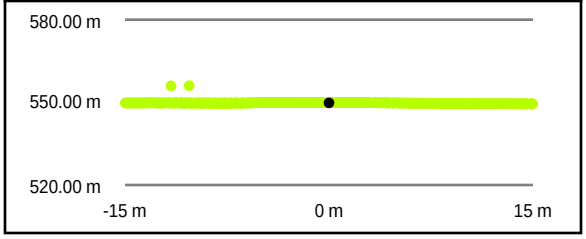


World Imagery

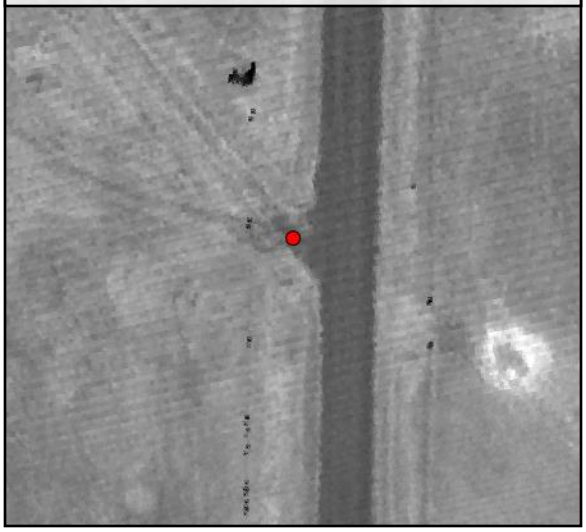
Southeast to Northwest



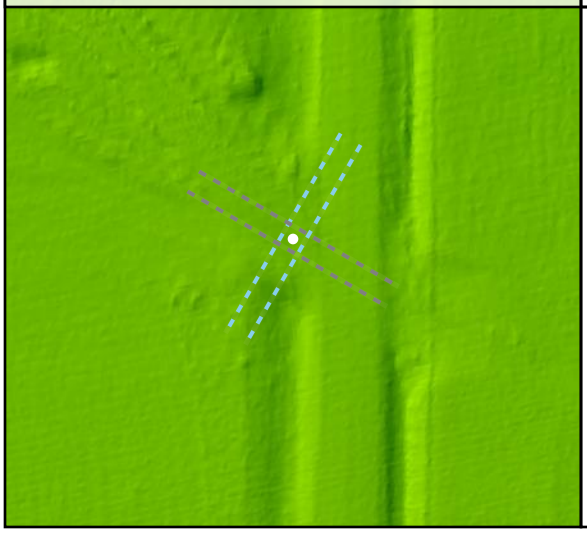
Southwest to Northeast



Intensity Raster

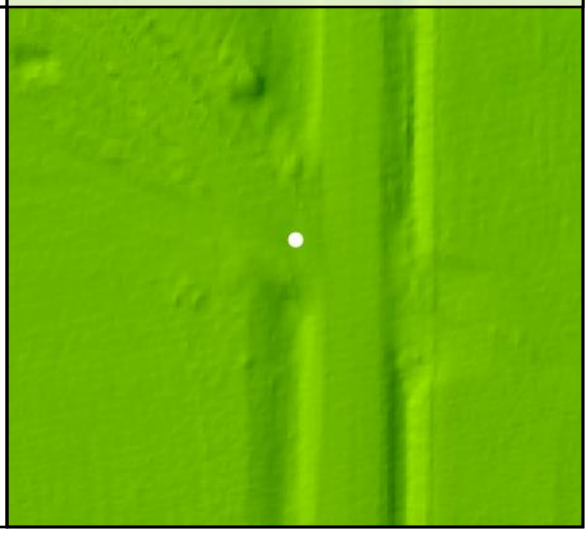


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.09 m

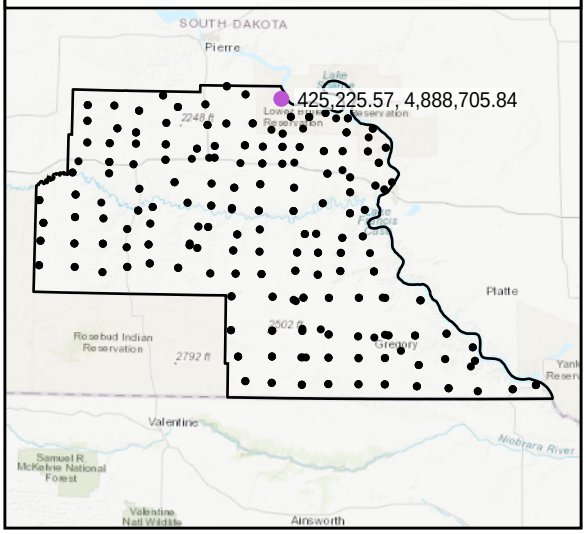
CAL - CAL139

Raw TIN Dz +0.09 m

CAL140

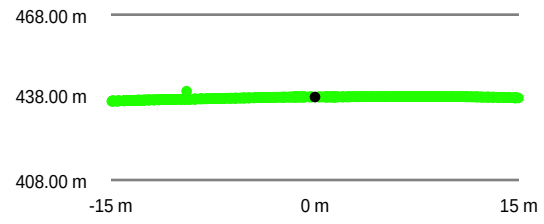
Known Z	438.11 m	Point Density	4.53 ppsm
DEM Dz	0.05 m	Ground Density	4.53 ppsm
Raw TIN Dz	0.05 m	Slope	0.68 °

Project Context

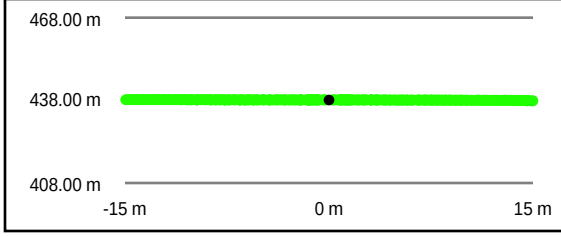


World Imagery

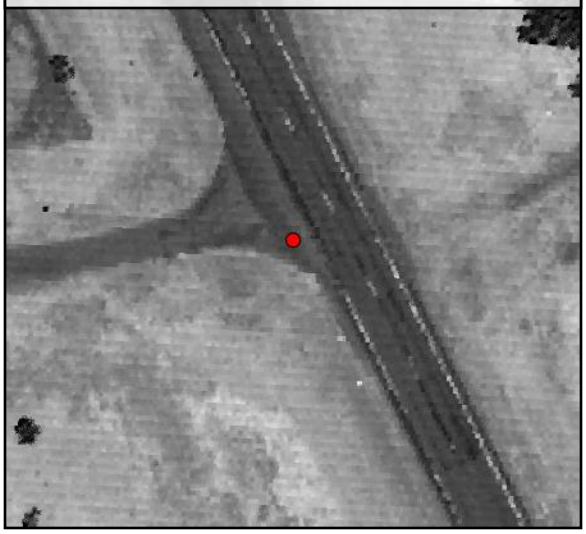
Southwest to Northeast



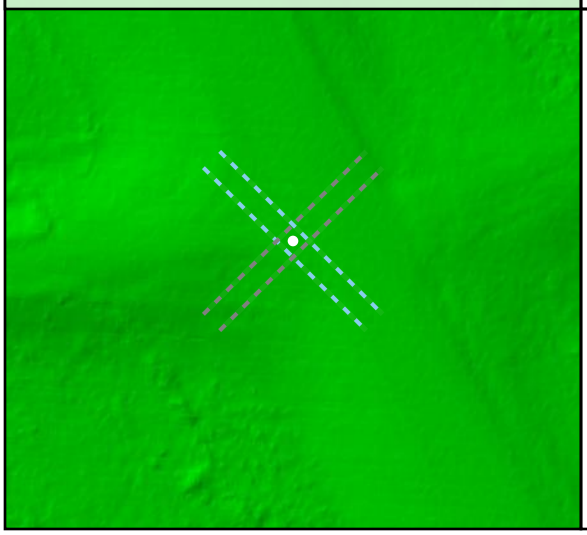
Southeast to Northwest



Intensity Raster

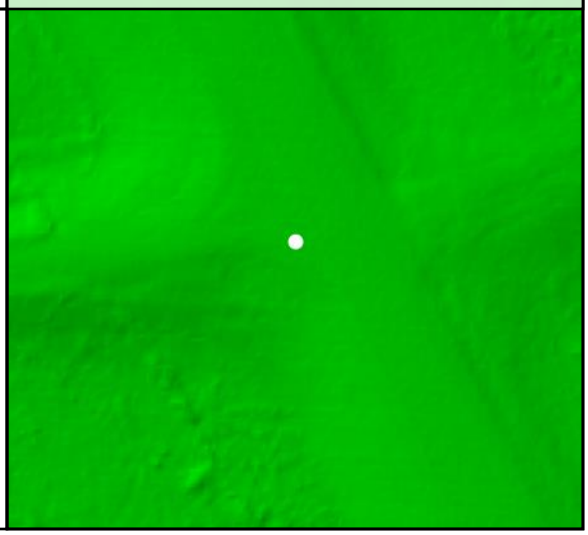


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.05 m

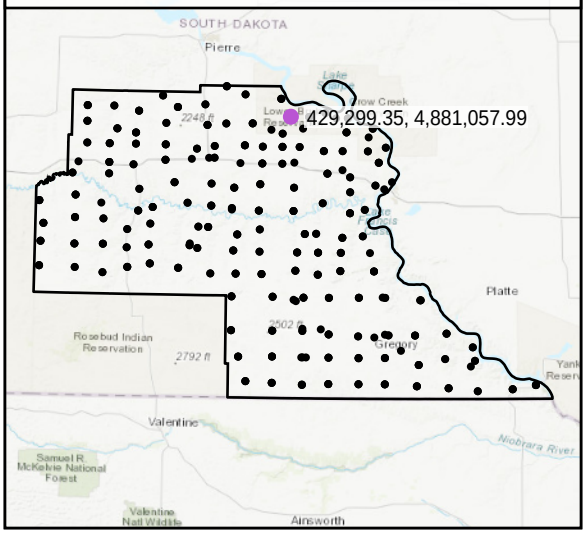
CAL - CAL140

Raw TIN Dz +0.05 m

CAL141

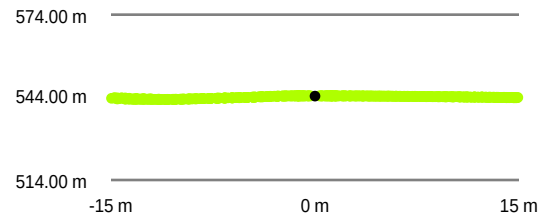
Known Z	544.44 m	Point Density	4.77 ppsm
DEM Dz	0.08 m	Ground Density	4.77 ppsm
Raw TIN Dz	0.08 m	Slope	1.13 °

Project Context

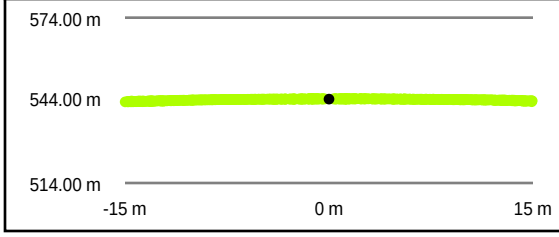


World Imagery

Southwest to Northeast

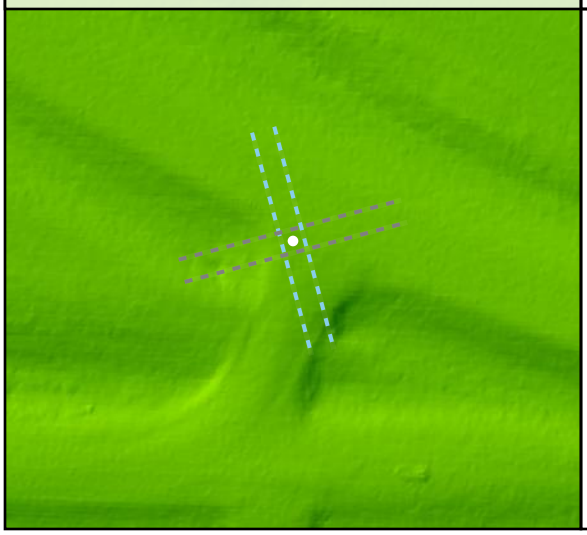


Southeast to Northwest



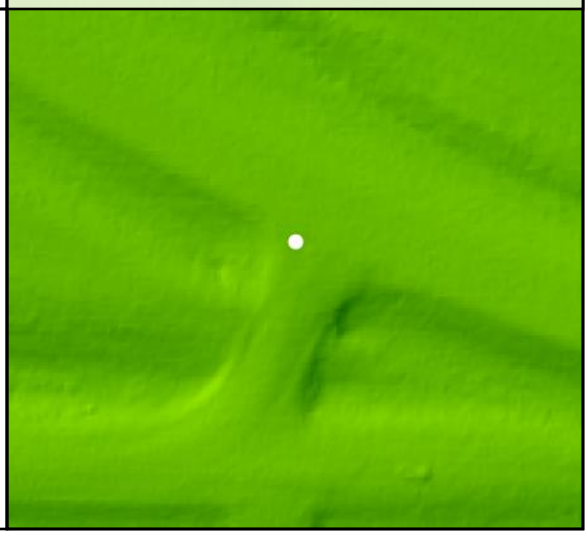
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.08 m

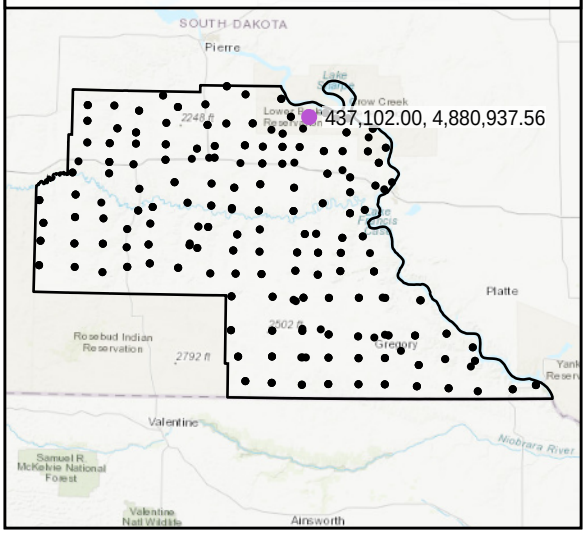
CAL - CAL141

Raw TIN Dz +0.08 m

CAL142

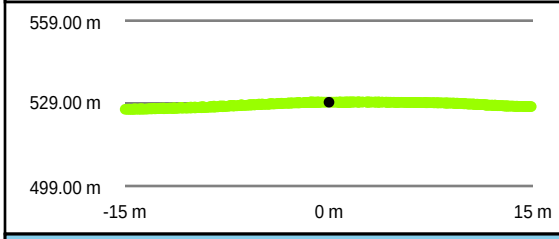
Known Z	529.40 m	Point Density	4.56 ppsm
DEM Dz	0.02 m	Ground Density	4.56 ppsm
Raw TIN Dz	0.02 m	Slope	4.21 °

Project Context

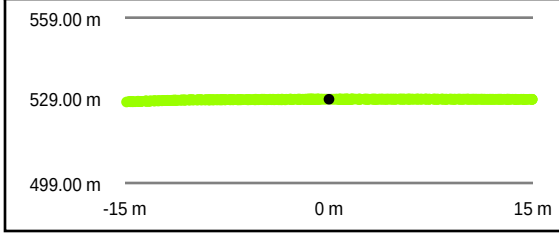


World Imagery

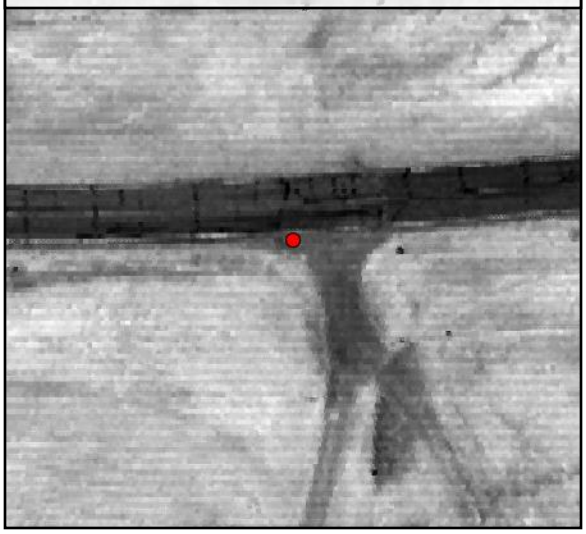
Southwest to Northeast



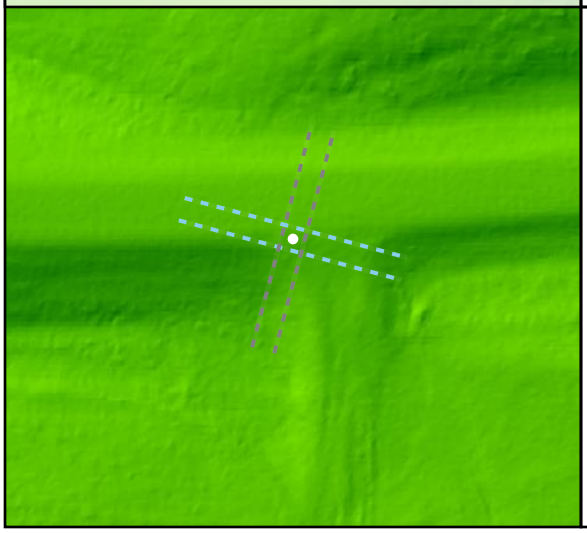
Southeast to Northwest



Intensity Raster



TIN Surface

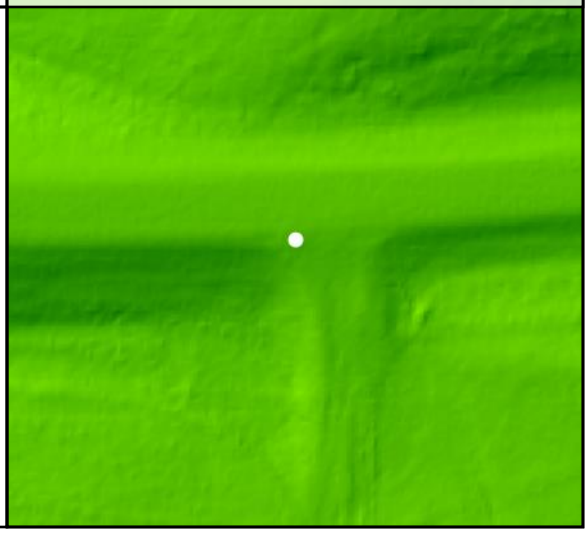


Project Elevation

795.78

413.64

DEM Surface



DEM Dz +0.02 m

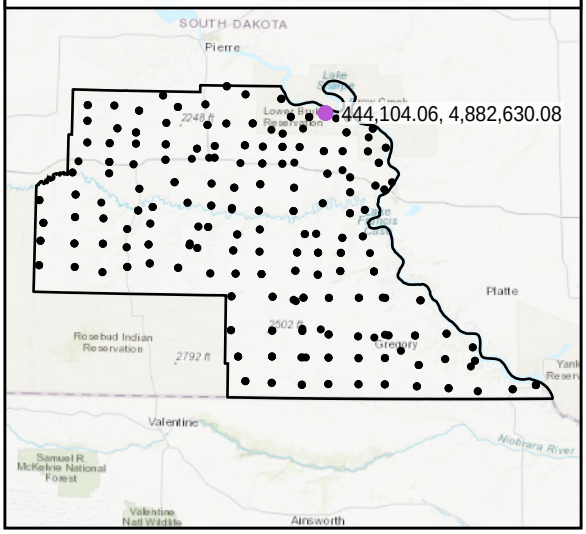
CAL - CAL142

Raw TIN Dz +0.02 m

CAL143

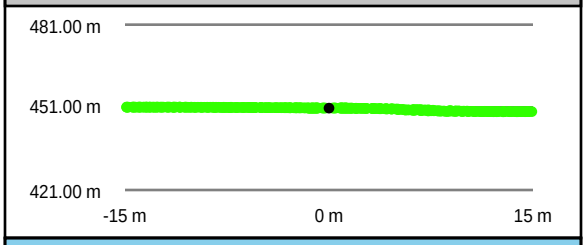
Known Z	450.71 m	Point Density	3.04 ppsm
DEM Dz	0.03 m	Ground Density	3.04 ppsm
Raw TIN Dz	0.03 m	Slope	2.61 °

Project Context

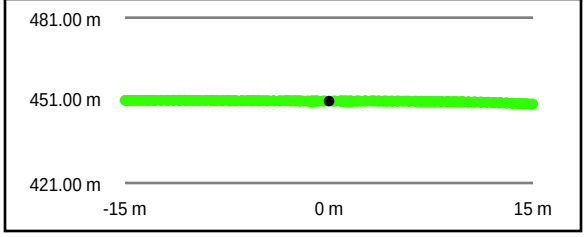


World Imagery

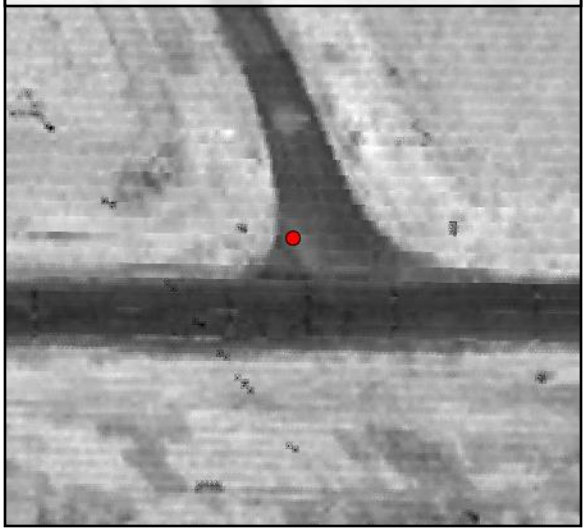
Southeast to Northwest



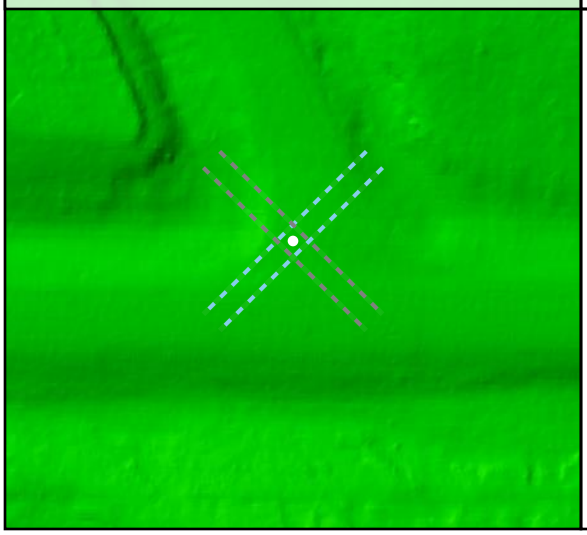
Southwest to Northeast



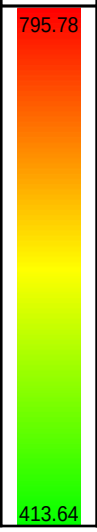
Intensity Raster



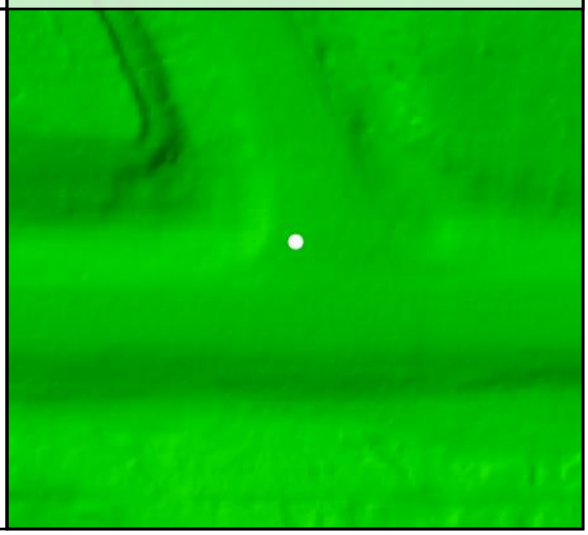
TIN Surface



Project Elevation



DEM Surface



DEM Dz +0.03 m

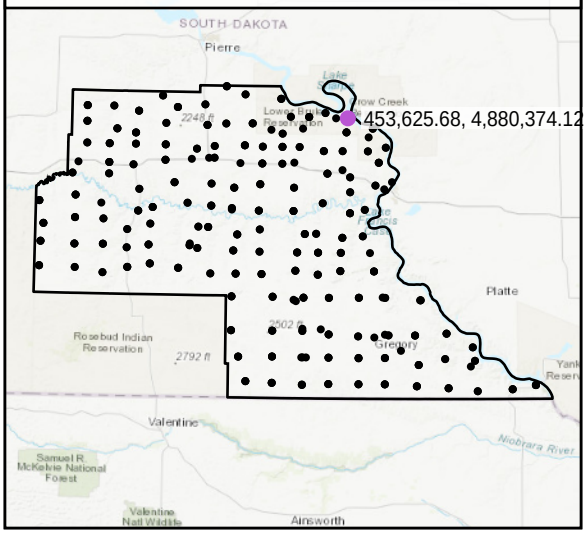
CAL - CAL143

Raw TIN Dz +0.03 m

CAL144

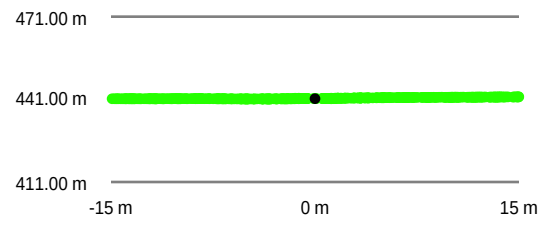
Known Z	441.24 m	Point Density	3.75 ppsm
DEM Dz	0.06 m	Ground Density	3.75 ppsm
Raw TIN Dz	0.06 m	Slope	4.53 °

Project Context



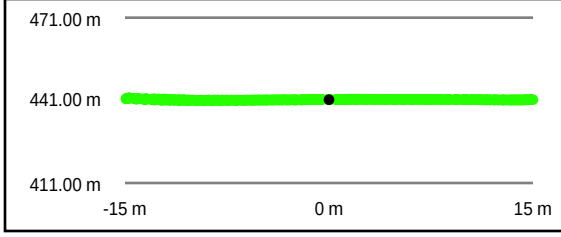
World Imagery

Southwest to Northeast

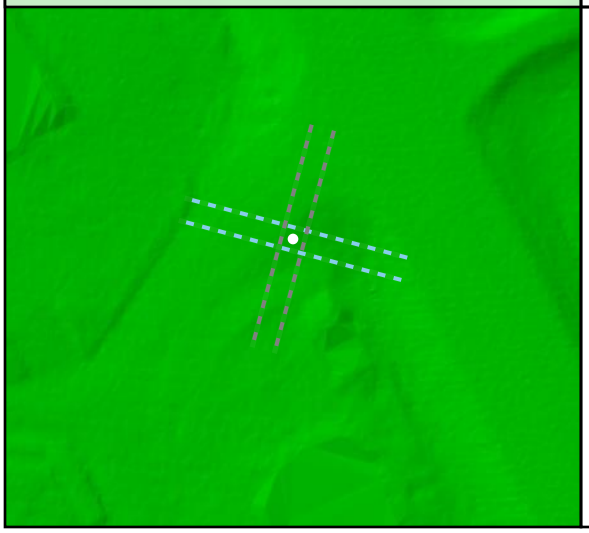


Intensity Raster

Southeast to Northwest

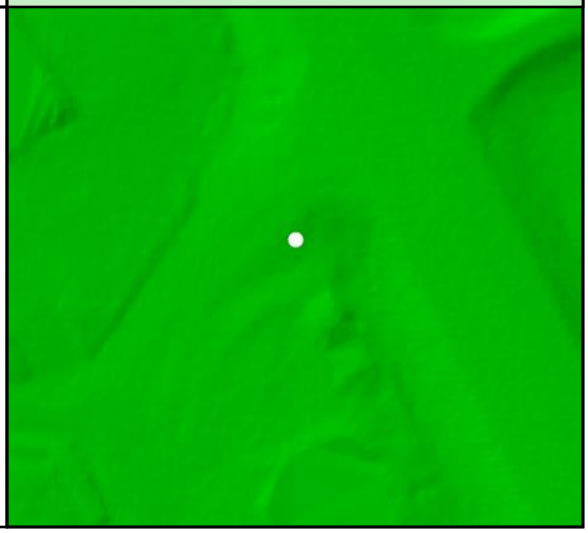


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.06 m

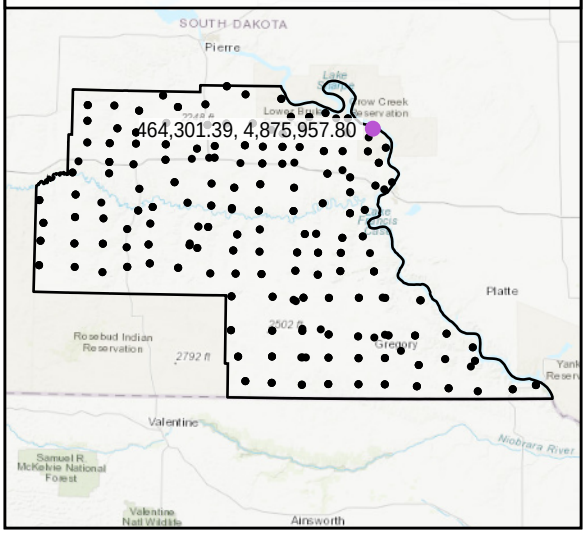
CAL - CAL144

Raw TIN Dz +0.06 m

CAL145

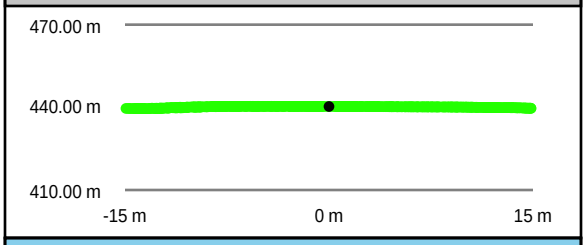
Known Z	440.31 m	Point Density	4.63 ppsm
DEM Dz	0.01 m	Ground Density	4.63 ppsm
Raw TIN Dz	0.01 m	Slope	0.87 °

Project Context

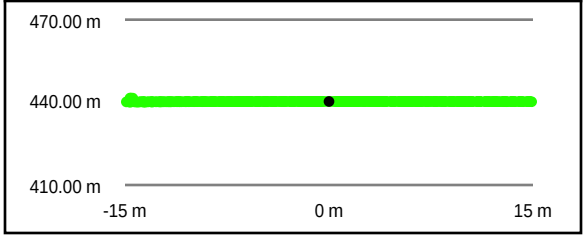


World Imagery

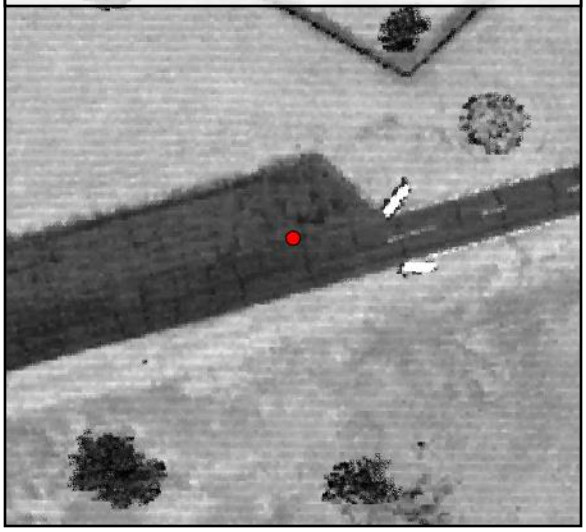
Southwest to Northeast



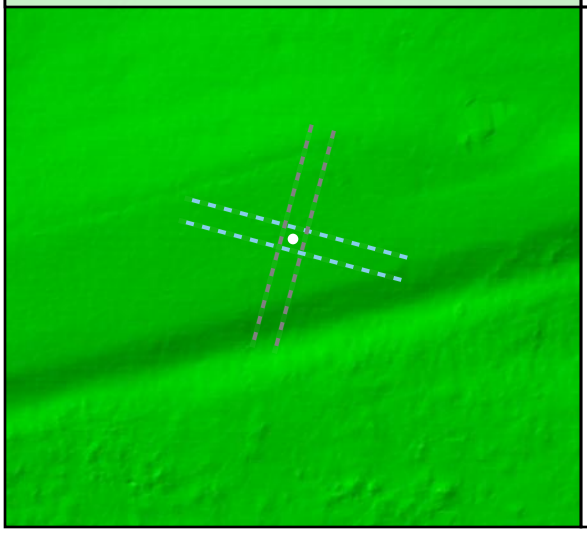
Southeast to Northwest



Intensity Raster

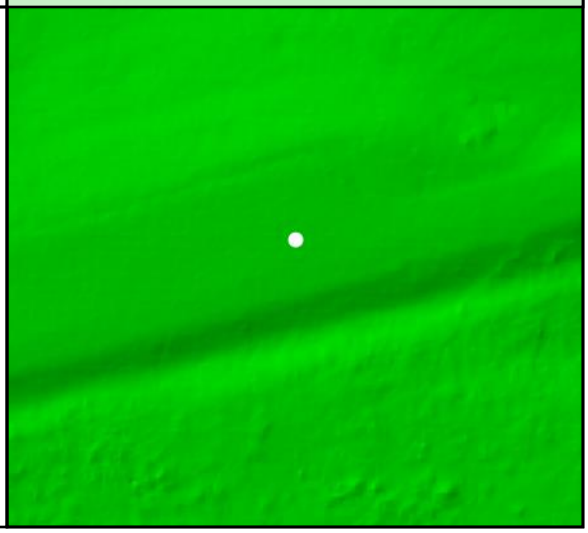


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

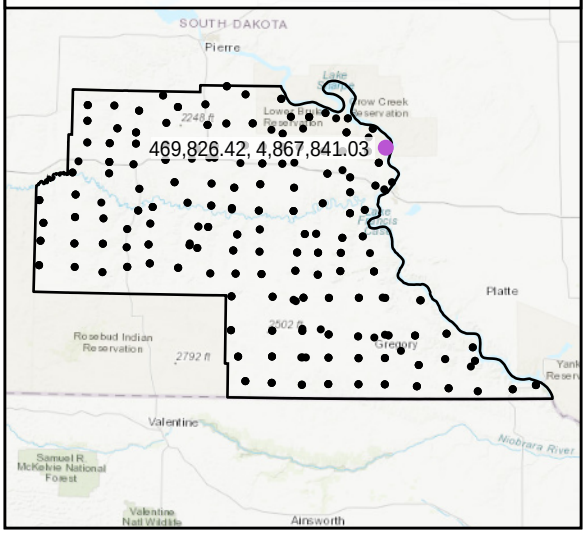
CAL - CAL145

Raw TIN Dz +0.01 m

CAL146

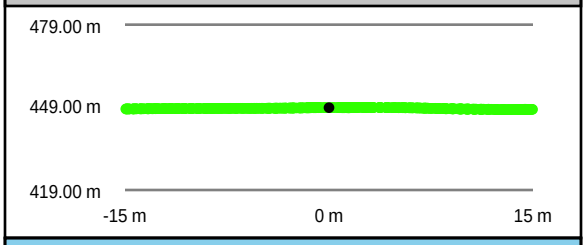
Known Z	448.88 m	Point Density	4.35 ppsm
DEM Dz	0.03 m	Ground Density	4.35 ppsm
Raw TIN Dz	0.03 m	Slope	2.80 °

Project Context

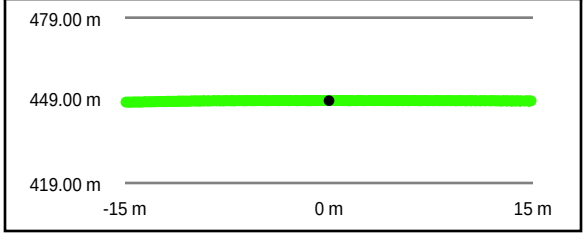


World Imagery

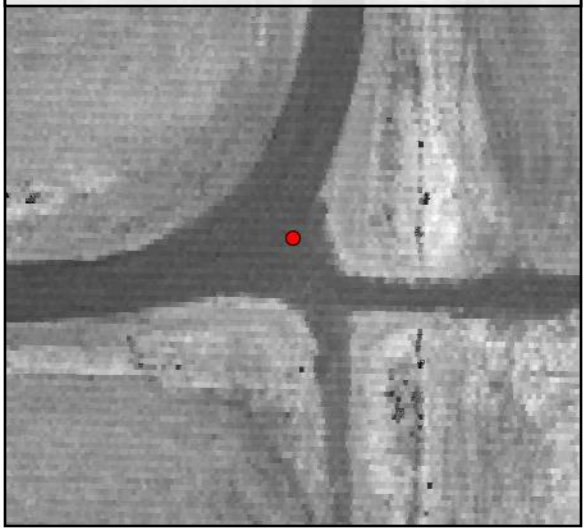
Southeast to Northwest



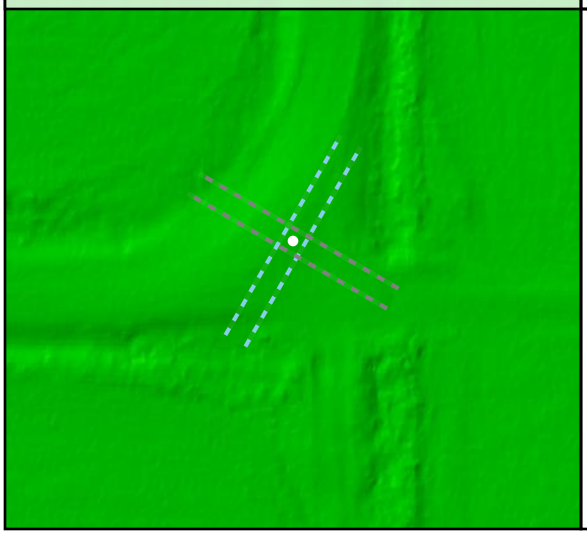
Southwest to Northeast



Intensity Raster

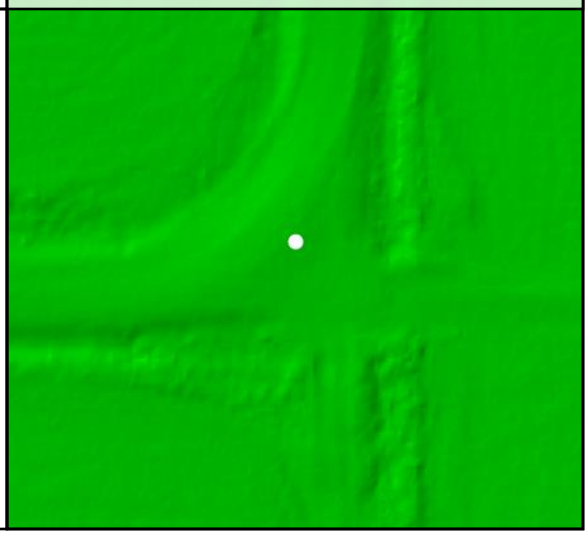


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.03 m

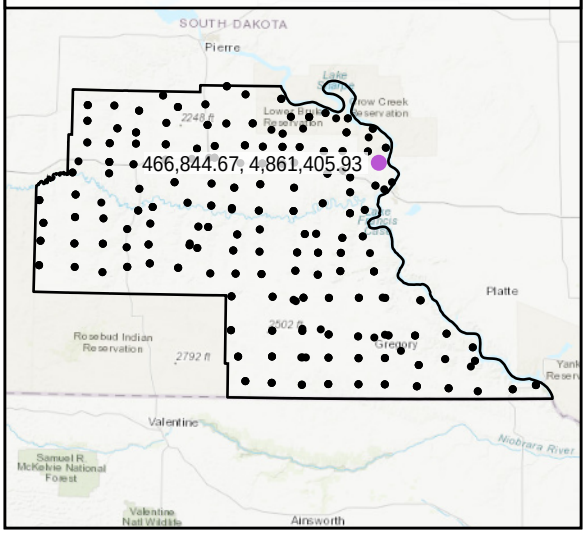
CAL - CAL146

Raw TIN Dz +0.03 m

CAL147

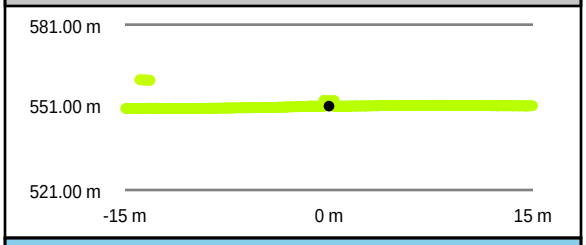
Known Z	551.44 m	Point Density	5.16 ppsm
DEM Dz	-0.05 m	Ground Density	4.77 ppsm
Raw TIN Dz	-0.05 m	Slope	3.01 °

Project Context

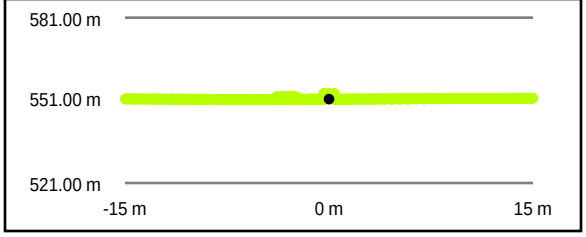


World Imagery

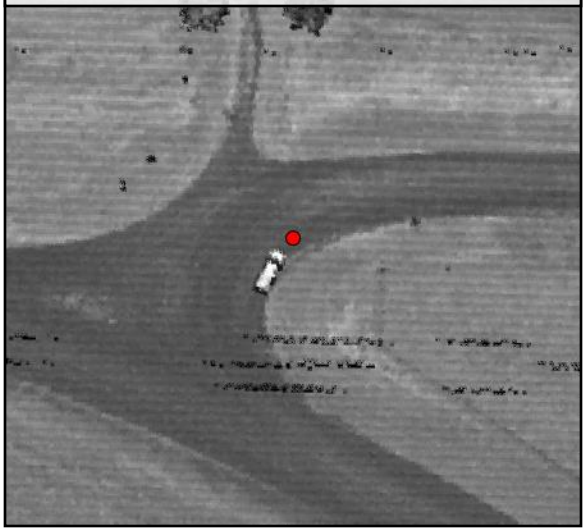
Southeast to Northwest



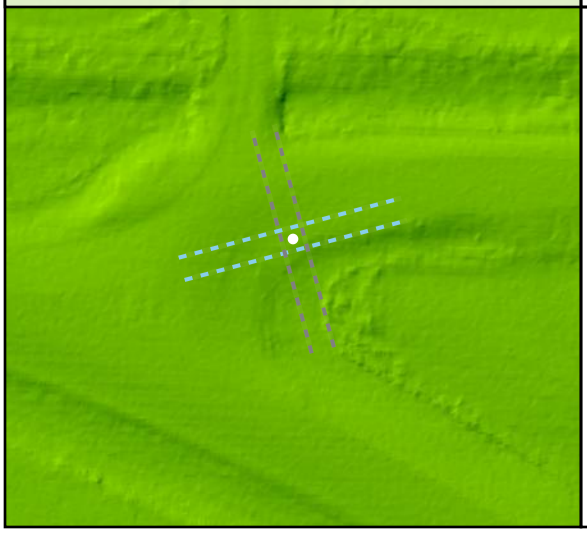
Southwest to Northeast



Intensity Raster

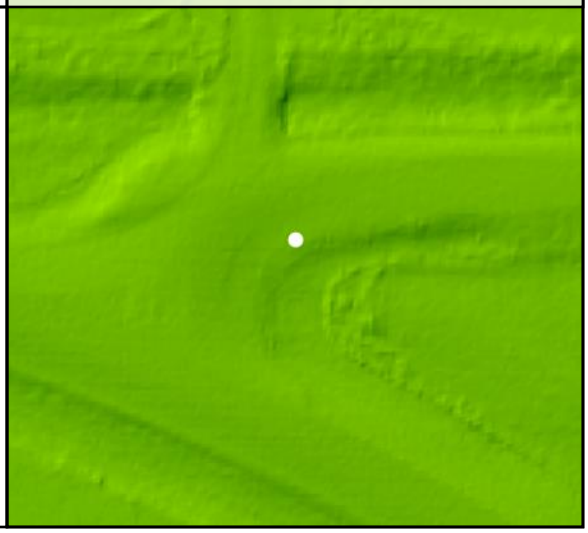


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.05 m

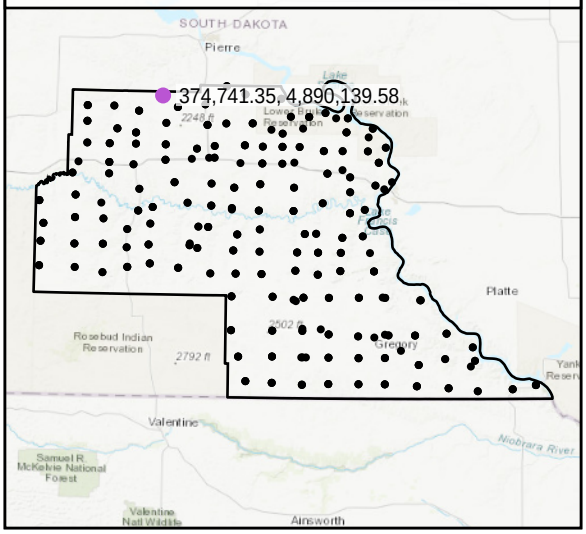
CAL - CAL147

Raw TIN Dz -0.05 m

CAL148

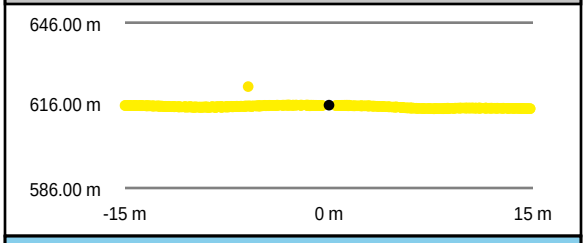
Known Z	616.06 m	Point Density	3.50 ppsm
DEM Dz	-0.12 m	Ground Density	3.50 ppsm
Raw TIN Dz	-0.12 m	Slope	4.19 °

Project Context

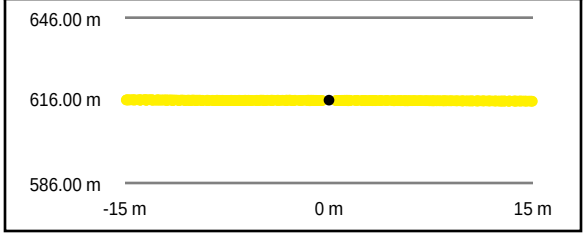


World Imagery

Southwest to Northeast

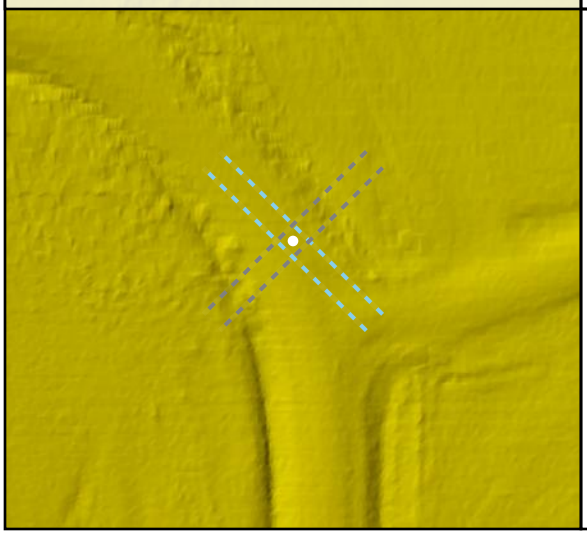


Southeast to Northwest



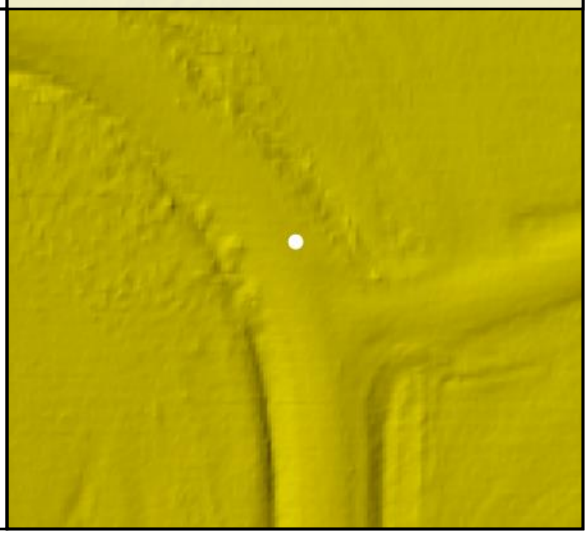
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.12 m

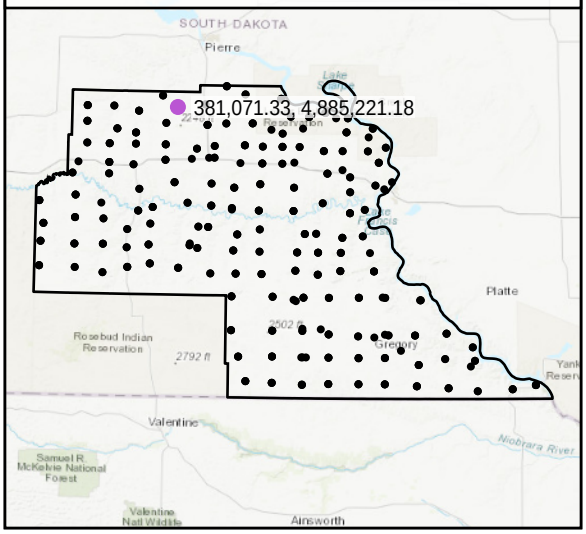
CAL - CAL148

Raw TIN Dz -0.12 m

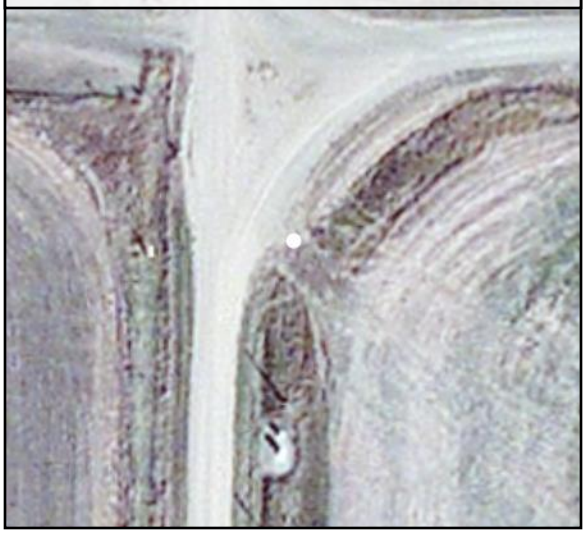
CAL149

Known Z	611.37 m	Point Density	3.82 ppsm
DEM Dz	-0.06 m	Ground Density	3.82 ppsm
Raw TIN Dz	-0.07 m	Slope	0.83 °

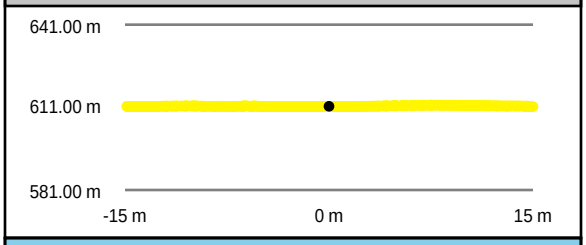
Project Context



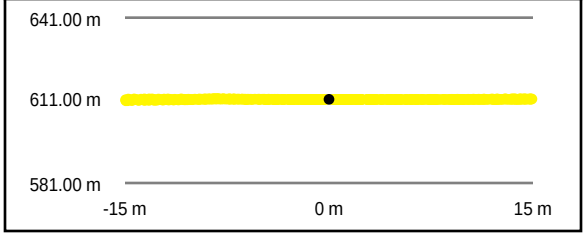
World Imagery



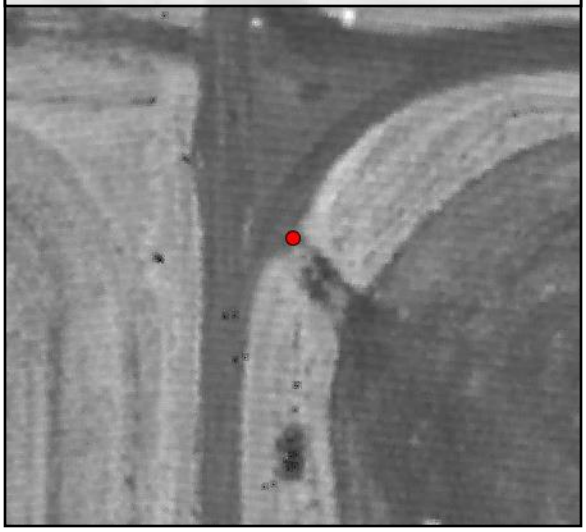
Southeast to Northwest



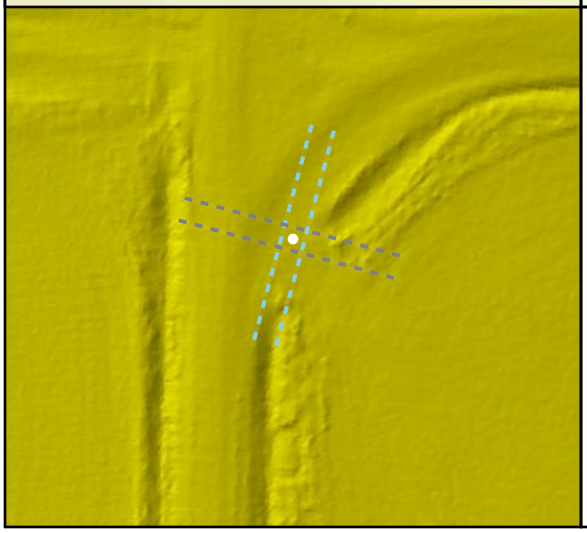
Southwest to Northeast



Intensity Raster

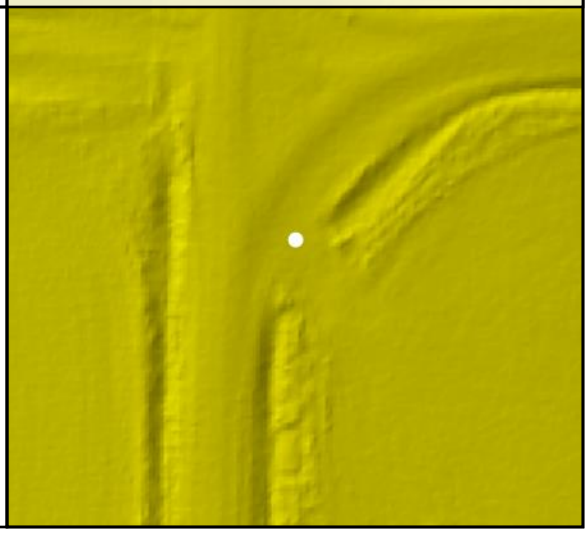


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

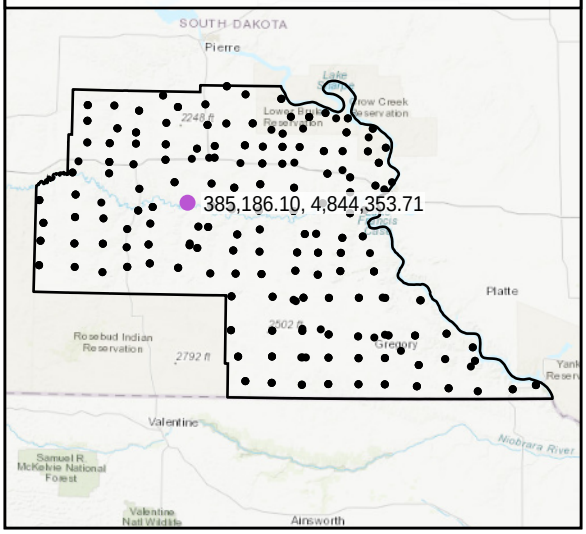
CAL - CAL149

Raw TIN Dz -0.07 m

CAL150

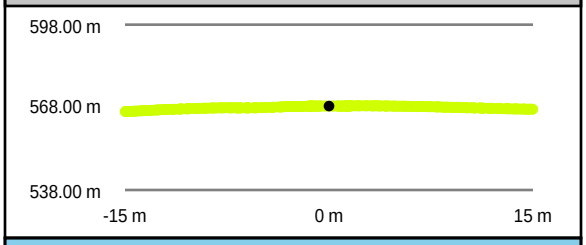
Known Z	568.46 m	Point Density	4.81 ppsm
DEM Dz	0.01 m	Ground Density	4.81 ppsm
Raw TIN Dz	0.01 m	Slope	4.05 °

Project Context

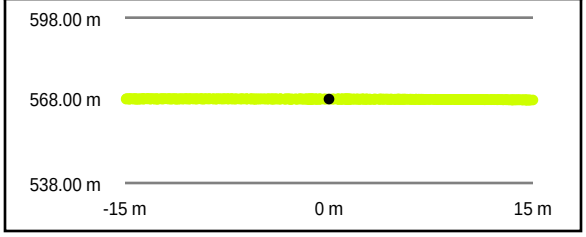


World Imagery

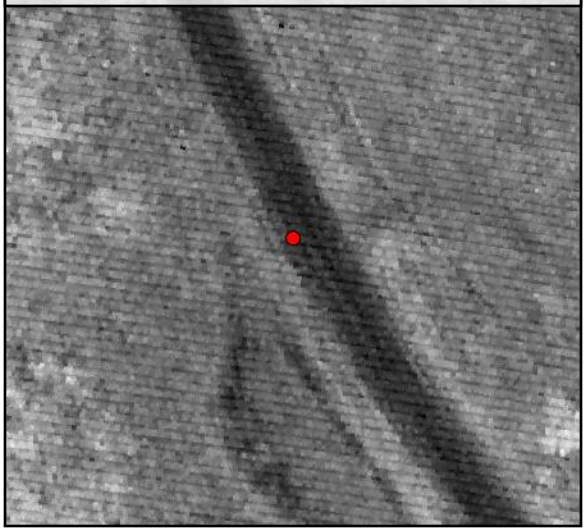
Southwest to Northeast



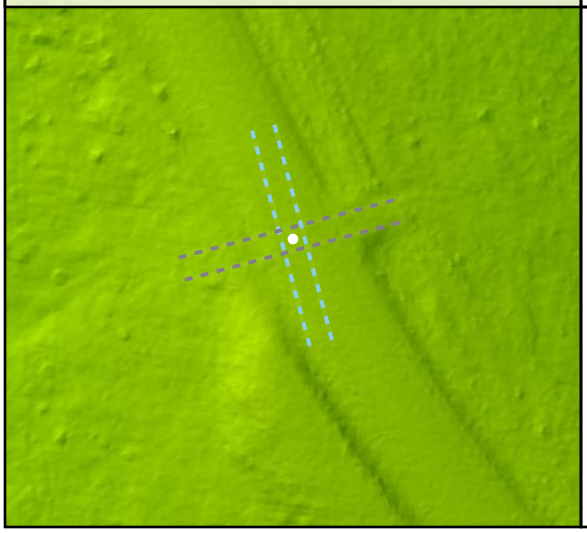
Southeast to Northwest



Intensity Raster

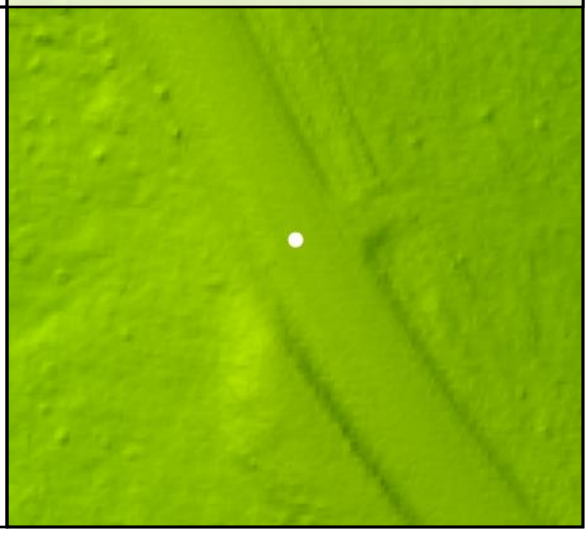


TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.01 m

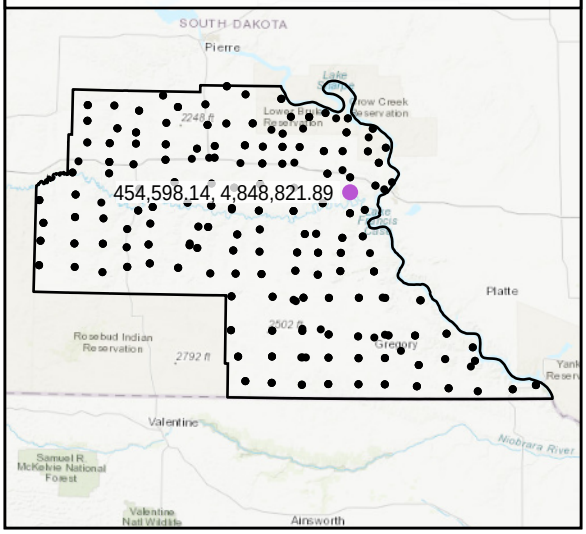
CAL - CAL150

Raw TIN Dz +0.01 m

CAL151

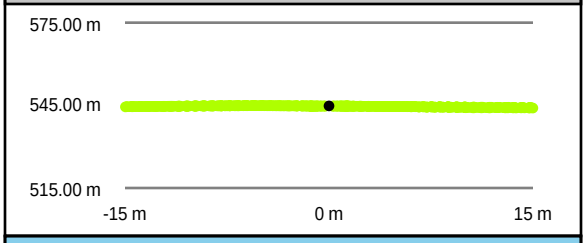
Known Z	544.79 m	Point Density	4.56 ppsm
DEM Dz	-0.06 m	Ground Density	4.56 ppsm
Raw TIN Dz	-0.06 m	Slope	2.12 °

Project Context

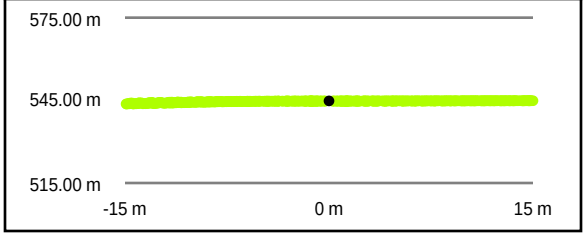


World Imagery

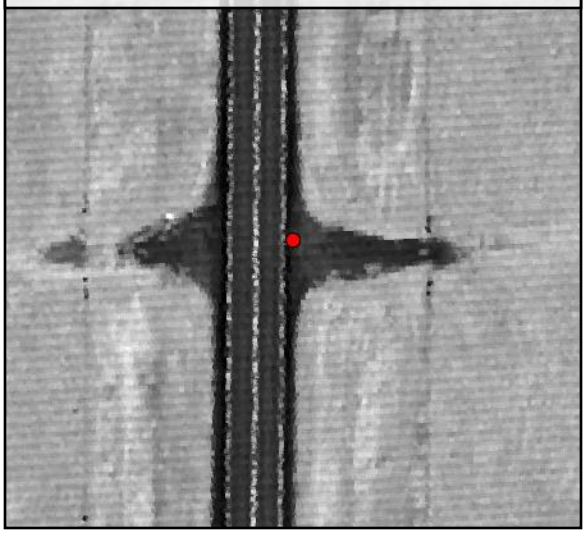
Southwest to Northeast



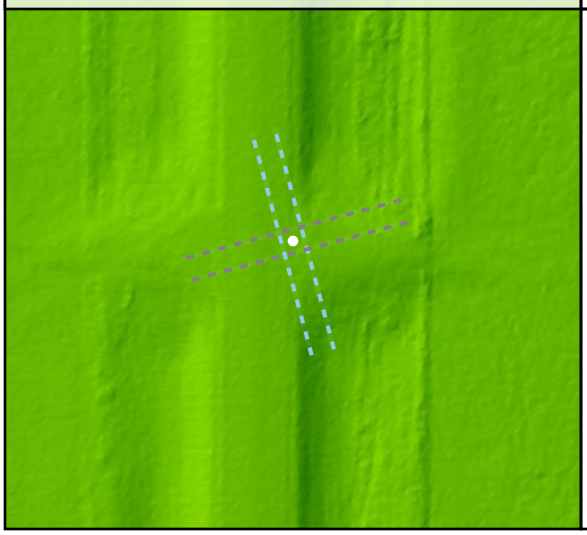
Southeast to Northwest



Intensity Raster

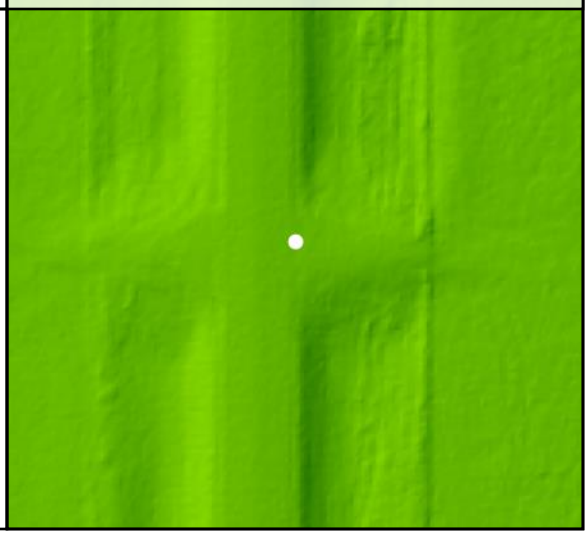


TIN Surface



Project Elevation

DEM Surface



DEM Dz -0.06 m

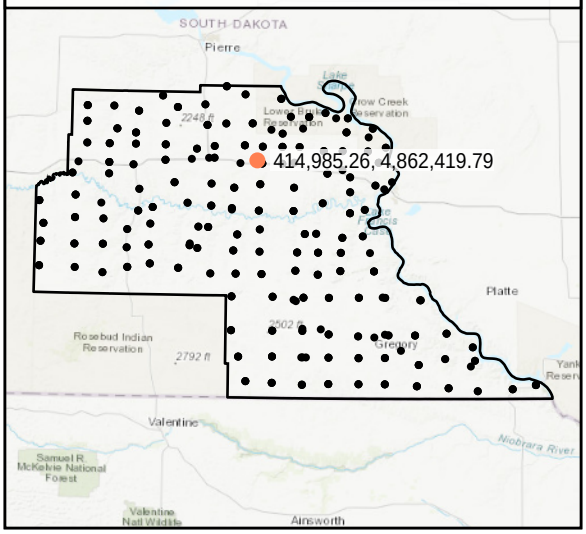
CAL - CAL151

Raw TIN Dz -0.06 m

UA005

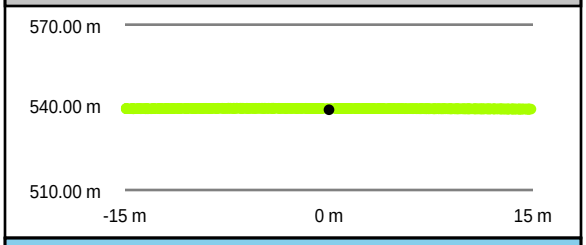
Known Z	539.12 m	Point Density	4.53 ppsm
DEM Dz	0.48 m	Ground Density	4.53 ppsm
Raw TIN Dz	0.48 m	Slope	0.67 °

Project Context

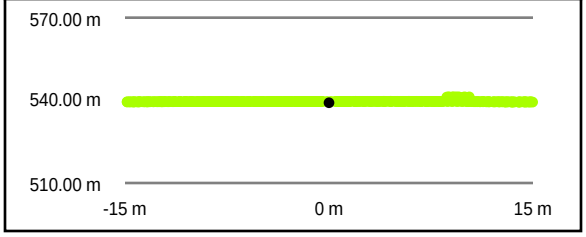


World Imagery

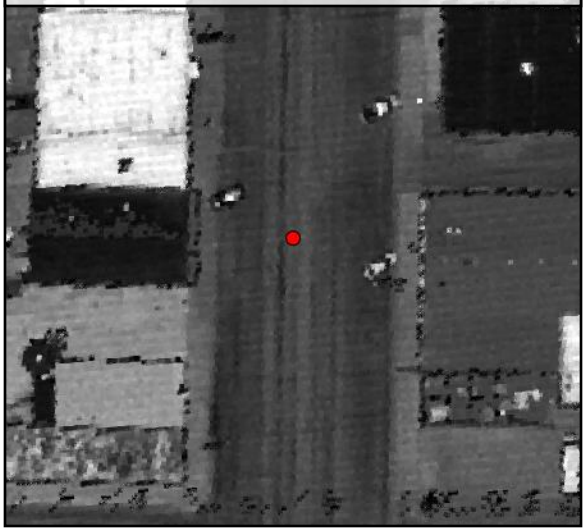
Southwest to Northeast



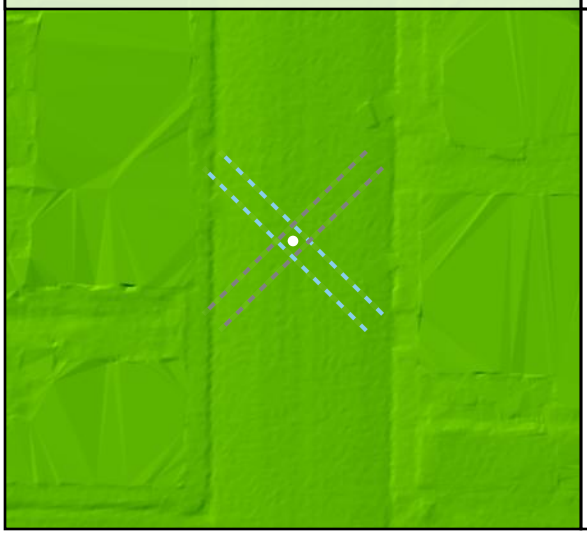
Southeast to Northwest



Intensity Raster



TIN Surface

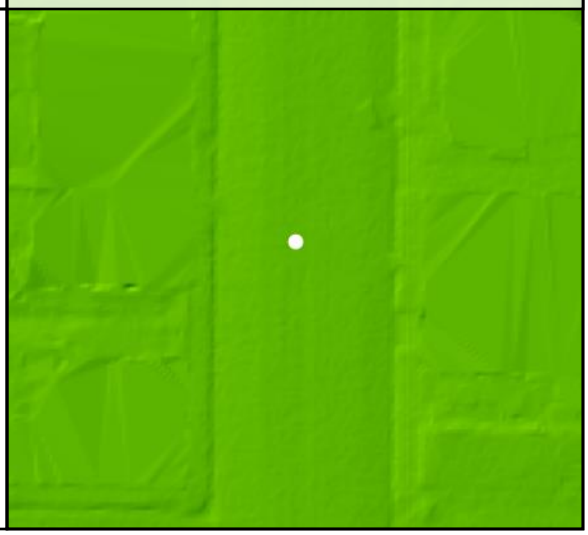


Project Elevation

795.78

413.64

DEM Surface



DEM Dz +0.48 m

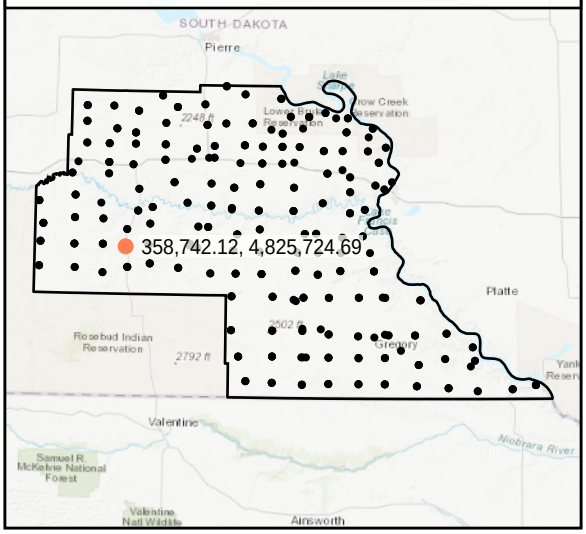
NVA - UA005

Raw TIN Dz +0.48 m

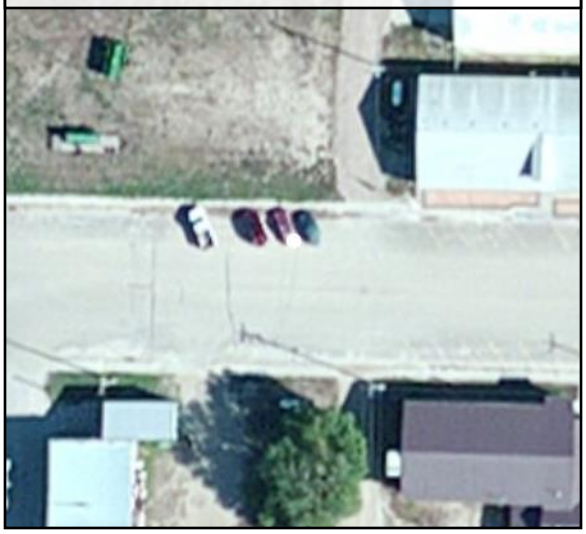
UA015

Known Z	645.20 m	Point Density	5.09 ppsm
DEM Dz	0.10 m	Ground Density	3.18 ppsm
Raw TIN Dz	0.75 m	Slope	4.42 °

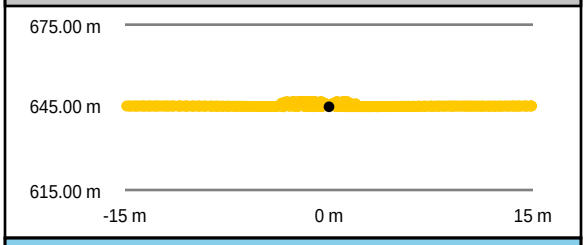
Project Context



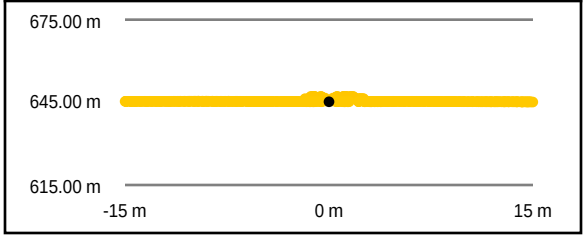
World Imagery



Southeast to Northwest

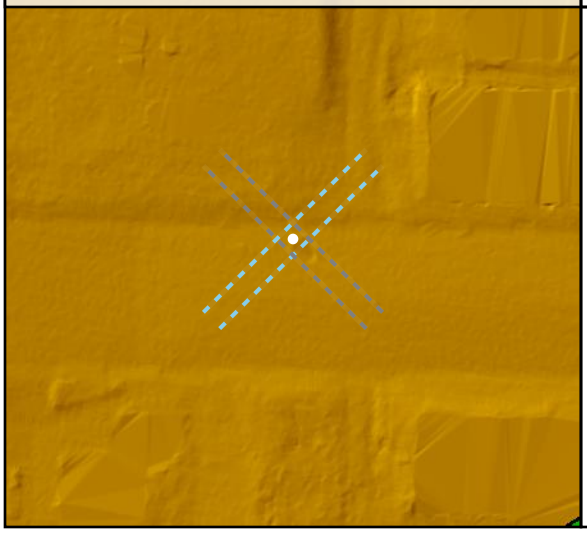


Southwest to Northeast



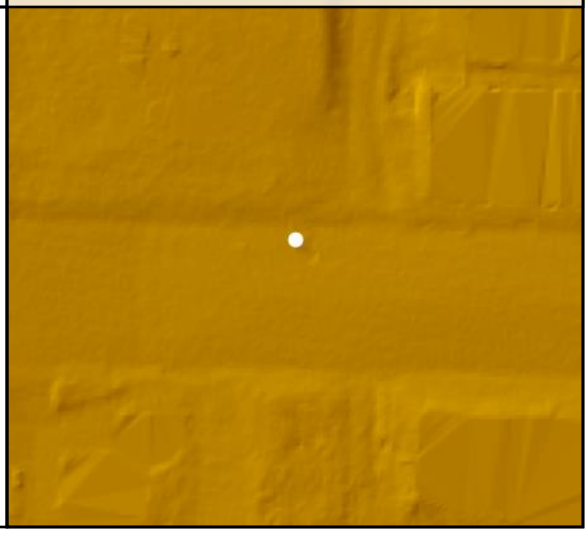
Intensity Raster

TIN Surface



Project Elevation

DEM Surface



DEM Dz +0.10 m

NVA - UA015

Raw TIN Dz +0.75 m