

DPH-11 Report on Absolute Vertical Accuracy - continued

The purpose of this section is to report the results of measuring the lidar point cloud data against surveyed ground NVA (nonvegetated vertical accuracy) check points. All XY coordinates and Z values reported are in the selected data units.

NVA (lidar data)

ID	X	Y	Coverage	Z	Z From Lidar	Z Error	Minimum Z	Median Z	Maximum Z	Intensity	Scan Angle Rank	Returns	Description	Comments
1353	466579.294	3018998.412	Yes	127.532	127.566	0.034	127.557	127.559	127.568	19022	2365	1,1,1		
1362	467735.387	3036848.749	Yes	161.001	160.978	-0.023	160.978	160.978	160.981	22383	-1925	1,1,1		
1363	371711.38	3154094.052	Yes	223.805	223.834	0.029	223.813	223.833	223.837	17502	615	1,1,1		
1369	497680.275	3013255.79	Yes	189.592	189.71	0.118	189.701	189.708	189.714	18744	-353	1,1,1		
1372	469163.923	2999407.504	Yes	143.29	143.371	0.081	143.364	143.366	143.382	6094	-3509	1,1,1		
1373	457878.039	2991567.479	Yes	106.501	106.625	0.124	106.615	106.616	106.631	17211	1327	1,1,1		
1377	488945.122	2954507.27	Yes	117.327	117.314	-0.013	117.306	117.309	117.347	6968	-2051	1,1,1		
1378	494079.236	2983324.956	Yes	132.43	132.427	-0.003	132.426	132.428	132.429	15356	511	1,1,1		
1379	325052.8519999999	294254.293	Yes	306.028	306.058	0.030	306.054	306.057	306.06	16577	-1964	1,1,1		
1380	479488.459	3005953.318	Yes	148.587	148.638	0.051	148.635	148.641	148.652	23666	-454	1,1,1		
1383	483451.933	2966960.011	Yes	124.427	124.479	0.052	124.477	124.479	124.48	11003	-1087	1,1,1		
1384	426653.4580000000	088010.012	Yes	149.157	149.18	0.023	149.164	149.185	149.202	7779	-2915	1,1,1		
1390	502614.4560000000	089980.458	Yes	185.502	185.439	-0.063	185.433	185.443	185.444	12378	568	1,1,1		
1395	506493.551	3009210.002	Yes	203.643	203.6	-0.043	203.597	203.598	203.641	15190	2530	1,1,1		
1403	475316.3539999999	017.009	Yes	114.58	114.479	-0.101	114.449	114.481	114.486	13628	3137	1,1,1		
1406	483894.5290000000	083556.53	Yes	102.406	102.37	-0.036	102.366	102.38	102.409	8172	-3510	1,1,1		
1408	330444.0139999999	026126.119	Yes	298.196	298.24	0.044	298.236	298.239	298.263	14609	-801	1,1,1		
1411	485059.091	3021924.111	Yes	156.152	156.198	0.046	156.192	156.202	156.207	11961	3173	1,1,1		
1414	349188.7710000000	093903.467	Yes	260.314	260.284	-0.030	260.28	260.286	260.302	11230	773	1,1,1		
1414A	349197.449	3193895.596	Yes	260.675	260.649	-0.026	260.633	260.644	260.655	6794	749	1,1,1		
1424	511663.8009999999	02717.215	Yes	252.772	252.764	-0.008	252.76	252.764	252.764	20024	-2228	1,1,1		
1428	380699.01	3130951.523	Yes	231.996	231.936	-0.060	231.929	231.94	231.94	14905	-375	1,1,1		
1428A	379427.2100000000	033377.747	Yes	235.538	235.487	-0.051	235.475	235.489	235.505	11419	719	1,1,1		
1429	495114.017	2967243.609	Yes	128.596	128.568	-0.028	128.559	128.575	128.581	13795	-1747	1,1,1		
1430	461362.54	3040214.593	Yes	167.211	167.241	0.030	167.234	167.236	167.242	17367	-12	1,1,1		
1431	371746.295	3142919.431	Yes	202.319	202.272	-0.047	202.271	202.299	202.304	12157	1646	1,1,1		
1434	469622.779	2980199.269	Yes	109.565	109.534	-0.031	109.518	109.536	109.547	6454	-837	1,1,1		
1435	474665.0779999999	093423.08	Yes	163.959	164.043	0.084	164.038	164.04	164.049	7755	128	1,1,1		
1437	390474.934	3119607.578	Yes	194.379	194.388	0.009	194.373	194.399	194.401	16247	-693	1,1,1		
1438	450966.036	3021369.958	Yes	115.674	115.742	0.068	115.735	115.751	115.758	12094	-1039	1,1,1		

Check Points Vertical Accuracy - continued

ID	X	Y	Coverage	Z	Z From Lidar	Z Error	Minimum Z	Median Z	Maximum Z	Intensity	Scan Angle Rank	Returns	Description	Comments
1439	500483.326000	0030617.877	Yes	251.238	251.146	-0.092	251.126	251.136	251.149	19183	2225	1,1,1		
1443	468158.680000	0028591.033	Yes	143.517	143.472	-0.045	143.453	143.473	143.474	25323	-2596	1,1,1		
1445	402567.871999	9908644.586	Yes	188.436	188.442	0.006	188.441	188.446	188.454	18422	-3071	1,1,1		
1448	486140.249	2994259.894	Yes	118.096	118.142	0.046	118.128	118.13	118.146	14804	-2714	1,1,1		
1454	458386.512	3008679.937	Yes	106.629	106.786	0.157	106.76	106.793	106.795	15919	3020	1,1,1		
1459	508732.162000	0075951.199	Yes	180.983	181.004	0.021	180.992	180.997	181.036	10413	1217	1,1,1		
1468	500726.696	2993926.585	Yes	149.447	149.314	-0.133	149.308	149.326	149.326	14997	3127	1,1,1		
1471	502969.794	3022107.052	Yes	260.732	260.71	-0.022	260.708	260.708	260.714	14586	3345	1,1,1		
1474	509360.356	2983097.78	Yes	166.156	166.1	-0.056	166.094	166.1	166.105	11061	2028	1,1,1		
1476	487108.51	3012926.667	Yes	158.471	158.552	0.081	158.547	158.556	158.559	17938	1506	1,1,1		
1477	314878.281	3258781.804	Yes	354.048	354.05	0.002	354.031	354.052	354.07	6799	-2247	1,1,1		
1478	340300.419	3211218.902	Yes	263.82	263.814	-0.006	263.792	263.809	263.838	6918	2755	1,1,1		
1483	450840.075	3045275.743	Yes	127.683	127.733	0.050	127.703	127.732	127.744	2993	-1829	1,1,1		
1484	444686.035	3059009.167	Yes	164.321	164.287	-0.034	164.284	164.289	164.293	9072	2977	1,1,1		
1489	481564.604	2955844.919	Yes	103.039	103.047	0.008	103.034	103.044	103.054	9169	-2329	1,1,1		
1490	452456.282000	0033211.975	Yes	139.698	139.684	-0.014	139.657	139.673	139.699	12839	-2291	1,1,1		
1491	416942.313	3089959.179	Yes	189.08	189.098	0.018	189.091	189.101	189.101	9269	205	1,1,1		
1491B	416908.799	3089950.548	Yes	189.365	189.36	-0.005	189.356	189.362	189.367	9822	356	1,1,1		
1493	353275.816000	0073197.413	Yes	217.095	217.19	0.095	217.166	217.202	217.223	10599	3114	1,1,1		
1493A	353297.523	3173213.764	Yes	216.519	216.605	0.086	216.598	216.6	216.621	11253	3621	1,1,1		
1501	355571.753	3183367.881	Yes	235.647	235.604	-0.043	235.571	235.596	235.613	7468	-1611	1,1,1		
1502	303981.301000	0061264.985	Yes	356.767	356.81	0.043	356.769	356.81	356.814	3701	-3089	1,1,1		
1503	367231.755	3163046.725	Yes	247.148	247.158	0.010	247.141	247.175	247.178	6754	-3419	1,1,1		
1504	406836.785	3105004.269	Yes	188.238	188.24	0.002	188.237	188.239	188.247	13313	1012	1,1,1		
1504A	406849.698	3105021.895	Yes	188.291	188.329	0.038	188.318	188.33	188.337	14314	1135	1,1,1		
1506	511767.647000	0095031.961	Yes	204.785	204.725	-0.060	204.697	204.733	204.735	7742	-1694	1,1,1		
1512	336432.929	3227678.812	Yes	291.469	291.439	-0.030	291.437	291.439	291.443	14461	2863	1,1,1		
1514	346845.889000	0010254.28	Yes	262.723	262.729	0.006	262.717	262.72	262.734	8235	-329	1,1,1		
1515	490248.105999	9906689.165	Yes	117.536	117.488	-0.048	117.483	117.491	117.495	12186	1778	1,1,1		
1517	513083.167	2968541.977	Yes	175.234	175.27	0.036	175.268	175.269	175.273	20842	1573	1,1,1		
1518	339964.024	3220070.682	Yes	283.294	283.289	-0.005	283.285	283.289	283.301	12281	-678	1,1,1		
1522	318589.267	3248085.978	Yes	314.935	314.965	0.030	314.949	314.955	314.969	13319	244	1,1,1		
1523	500802.233	2975619.243	Yes	162.364	162.328	-0.036	162.308	162.326	162.355	10258	3305	1,1,1		
1528	304324.15	3255344.248	Yes	308.025	308.015	-0.010	308.004	308.014	308.029	11754	-54	1,1,1		
1538	451803.071999	9906330.323	Yes	164.736	164.657	-0.079	164.651	164.658	164.665	5718	1049	1,1,1		

Check Points Vertical Accuracy - continued

ID	X	Y	Coverage	Z	Z From Lidar	Z Error	Minimum Z	Median Z	Maximum Z	Intensity	Scan Angle Rank	Returns	Description	Comments
1539	382899.93	3123417.088	Yes	197.475	197.527	0.052	197.521	197.528	197.529	14726	1773	1,1,1		
1540	464973.722	2988220.508	Yes	97.949	97.995	0.046	97.991	97.995	98.001	17072	-276	1,1,1		
1542	492090.025	2988904.996	Yes	143.584	143.694	0.110	143.685	143.695	143.695	6378	-2005	1,1,1		
1543	433890.225	3061263.036	Yes	144.527	144.319	-0.208	144.305	144.318	144.331	4593	-2318	1,1,1		
1543A	433890.225	3061263.036	Yes	144.308	144.319	0.011	144.305	144.318	144.331	4593	-2318	1,1,1		
63101	484193.208000001	0901.968	Yes	160.64	160.645	0.005	160.6	160.617	160.682	4890	-1236	2,2,2		
64102	494083.208999999	983332.707	Yes	132.304	132.393	0.089	132.383	132.387	132.393	16234	489	1,1,1		
64105	490580.481	2991822.35	Yes	137.335	137.377	0.042	137.34	137.359	137.433	13783	-335	1,1,1		