

Project Definition: The entire collection for a contracted area.

Work Unit Definition: A production block of data defined by the National Geospatial Technical Operations Center due to expediency, priority or resource allocation. There can be one or many work units per project.

Project Information

Lidar Base Specification: 2020 Revision A	Primary Contractor: Quantum Spatial Inc. (QSI)
Las Version: 1.4	Contract Mechanism: GPSC
P Method: 7 - Linear-Mode Lidar	
Collection Start Date: 07-02-2019	Collection End Date: 07-03-2021
The National Map Email: tnm_help@usgs.gov	1

Vertical Accuracy Results

The U.S. Geological Survey evaluates absolute vertical accuracy	Lidar Point Cloud		Digital Elevation Model	
	Required Value(cm)		Required Value(cm)	Tested Value (cm)
Non-Vegetated Vertical Accuracy 95-Percent Confidence Level	19.6	4.04	19.6	4.15
Vegetated Vertical Accuracy 95th Percentile	N/A	10.46	30.0	9.57

Please see the vertical_accuracy folder within the project metadata for more information.

Classifications Used

Classification verification is limited to the minimum required by applicable Lidar Base Specification. Classifications beyond the minimum are not verified by USGS.

classifications beyond the minimum are not vermed by 0505.		
Classification ID Classification Type		
1		
2	Ground	
7	Low Point (noise)	
9	Water	
17	Bridge Deck	
18	High Noise	
20	Ignored Ground	

Sensor(s) Used

Sensor
Riegl 1560ii/ii-s - Rotating Polygonal Mirror





Work Unit Information

CA_AlamedaCo_1_2021	Work Unit ID: 221238	Quality Level: 1	
Horizontal EPSG Code: 6420	Vertical EPSG Code: 6360	Geoid Model: GEOID 18	
DEM Ground Sample Distance: 1.0	Hydro Treatment: hydro-flattened		
Collection Start Date: 2021-06-21	Collection End Date: 2021-07-02		

CA_AlamedaCo_2_2021	Work Unit ID: 225021	Quality Level: 1		
Horizontal EPSG Code: 6420	Vertical EPSG Code: 6360	Geoid Model: GEOID 18		
DEM Ground Sample Distance: 1.0	Hydro Treatment: hydr	Hydro Treatment: hydro-flattened		
Collection Start Date: 2019-07-02	Collection End Date: 2021-07-02			

CA_AlamedaCo_3_2021	Work Unit ID: 225024	Quality Level: 0
Horizontal EPSG Code: 6420	Vertical EPSG Code: 6360	Geoid Model: GEOID 18
DEM Ground Sample Distance: 1.0	Hydro Treatment: hydro	p-flattened
Collection Start Date: 2021-06-21	Collection End Date: 20	021-07-03



