

**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

<b>Lidar Base Specification:</b> 2020 Revision A	<b>Primary Contractor:</b> NV5 Geospatial, Inc
<b>Las Version:</b> 1.4	<b>Contract Mechanism:</b> GPSC
<b>P Method:</b> 7 - Linear-Mode Lidar	
<b>Collection Start Date:</b> 09-27-2021	<b>Collection End Date:</b> 11-20-2021
<b>The National Map Email:</b> tnm_help@usgs.gov	

### Vertical Accuracy Results

The U.S. Geological Survey evaluates absolute vertical accuracy of the lidar and lidar-derived bare earth DEM data at the project level	Lidar Point Cloud		Digital Elevation Model	
	Required Value(cm)	Tested Value (cm)	Required Value(cm)	Tested Value (cm)
<b>Non-Vegetated Vertical Accuracy</b> 95-Percent Confidence Level	19.6	10.70	19.6	10.80
<b>Vegetated Vertical Accuracy</b> 95th Percentile	N/A	17.81	30.0	16.16

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.

Classification ID	Classification Type
1	Unclassified
2	Ground
6	Building
7	Low Point
9	Water
17	Bridge Deck
18	High Noise
20	Ignored Ground
3	Low Noise
4	Medium Vegetation
5	High Vegetation

### Sensor(s) Used

**Sensor**

Riegl VQ-1560ii - Rotating Polygonal Mirror

Optech Galaxy T2000 - Aerial Oscillating Mirror

Riegl VQ-1560i - Aerial Oscillating Mirror

## Work Unit Information

<a href="#">AZ_PimaCo_1_2021</a>	<b>Work Unit ID:</b> 221894	<b>Quality Level:</b> 1
<b>Horizontal EPSG Code:</b> 6341	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID18
<b>DEM Ground Sample Distance:</b> 0.5	<b>Hydro Treatment:</b> hydro-flattened	
<b>Collection Start Date:</b> 2021-11-06	<b>Collection End Date:</b> 2021-11-20	

<a href="#">AZ_PimaCo_2_2021</a>	<b>Work Unit ID:</b> 300020	<b>Quality Level:</b> 2
<b>Horizontal EPSG Code:</b> 6341	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID18
<b>DEM Ground Sample Distance:</b> 0.5	<b>Hydro Treatment:</b> hydro-flattened	
<b>Collection Start Date:</b> 2021-09-27	<b>Collection End Date:</b> 2021-11-17	