

**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> Lidar Base Specification 2022 rev. A.	<b>Primary Contractor:</b> Woolpert, Inc. (Woolpert)
<b>Las Version:</b> 1.4	<b>Contract Mechanism:</b> GPSC
<b>P Method:</b> 7 - Linear-Mode Lidar	
<b>Collection Start Date:</b> 03-20-2022	<b>Collection End Date:</b> 03-21-2022
<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	invalid QL/LBS	6.33	invalid QL/LBS	7.3
<b>Vegetated Vertical Accuracy</b> 95th Percentile	invalid QL/LBS	6.98	invalid QL/LBS	7.38

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
3	Low Vegetation
4	Medium Vegetation
5	High Vegetation
6	Building
7	Low Point (noise)
9	Water
17	Bridge Deck
18	High Noise
20	Ignored Ground
22	Temporal Exclusion

### Sensor(s) Used



## Work Unit Information

<a href="#">TN_DavidsonCo_1_2022</a>	<b>Work Unit ID:</b> 300056	<b>Quality Level:</b> 1
<b>Horizontal EPSG Code:</b> 6576	<b>Vertical EPSG Code:</b> 6360	<b>Geoid Model:</b> GEOID18
<b>DEM Ground Sample Distance:</b> 2.0	<b>Hydro Treatment:</b> hydro-flattened	
<b>Collection Start Date:</b> 2022-03-20	<b>Collection End Date:</b> 2022-03-21	