

# 0 Project Summary

**Work Package 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 work package.

## Project Information

Work Package ID: 186405

<b>Lidar Base Specification:</b> 2.1	<b>Primary Contractor:</b> Woolpert, Inc
<b>Las Version:</b> 1.4	<b>Contract Mechanism:</b> GPSC
<b>P Method:</b> 7 - Lidar	<b>Hydro Treatment:</b> Hydroflatten
<b>Collection Start Date:</b> 2020-01-04	<b>Collection End Date:</b> 2020-01-19
<b>The National Map Email:</b> tnm_help@usgs.gov	

## Vertical Accuracy Results

<a href="#">The U.S. Geological Survey evaluates absolute vertical accuracy of the lidar and lidar-derived bare earth DEM data at the work package level</a>	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	5.59	19.6	7.81
<b>Vegetated Vertical Accuracy</b> 95th Percentile		14.91	30.0	23.02

Please see the vertical\_accuracy folder within the work package 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	Processed, But Unclassified
2	Bare Earth
7	Low Noise
9	Water
10	Ignored Ground
17	Bridge Decks

## Sensor(s) Used

**Sensor**

Optech Galaxy ALTM - Aerial Oscillating Mirror

18	High Noise
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## Work Unit Information

<b>CA_FEMAR9PanocheSanLuis_2019</b>	<b>Work Unit ID:</b> 186402	<b>Quality Level:</b> 2
<b>Horizontal EPSG Code:</b> 6339	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID 12B
<b>DEM Ground Sample Distance:</b> 1.0	<b>Units:</b> Meters	
<b>Collection Start Date:</b> 2020-01-04	<b>Collection End Date:</b> 2020-01-19	

## Internal Comments:

None
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