

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Proposed Water Depths (ft)

- Minor
- Major
- Excavation Extent

Amount Removed (ft)

- No Change
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 4.3

Current Water Depths (ft)

- Minor
- Major
- Lake_Border

0 25 50 Feet

North Arrow

Lake Information:
 Area: 56.0 Acres
 Max Depth: -23.8 ft
 Mean Depth: -9.8 ft
 Volume: 178,559,340 Gallons / 548.8 ac-ft

Mapping Information:
 Data Collection Performed: February 2017
 GPS: Mapping Grade (sub-foot accuracy)
 Points Collected: 23,142
 Lake Level: Full pool

Estimated Amount of Material: 434 yards³
 Excavation Area: 0.17 Acres

Notes:

- The purpose of this discovery study is to provide an estimated amount of soft sediment
- Sediment volume calculations based on computer model generated from measurements collected in the field
- Areas of rock and impermeable surfaces may affect the estimated total volume of removable sediment.
- Shrinkage not included in calculations



Timber Lake - Cove 5 Excavation



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