

ft m
 0 ft 0.0 m
 0.1 m
 0.2 m
 0.3 m
 1 ft 0.3 m
 0.4 m
 0.5 m
 0.6 m
 2 ft 0.6 m
 0.7 m
 0.8 m
 0.9 m
 3 ft 0.9 m
 1.0 m
 1.1 m
 1.2 m
 4 ft 1.2 m
 1.3 m
 1.4 m
 1.5 m
 5 ft 1.5 m

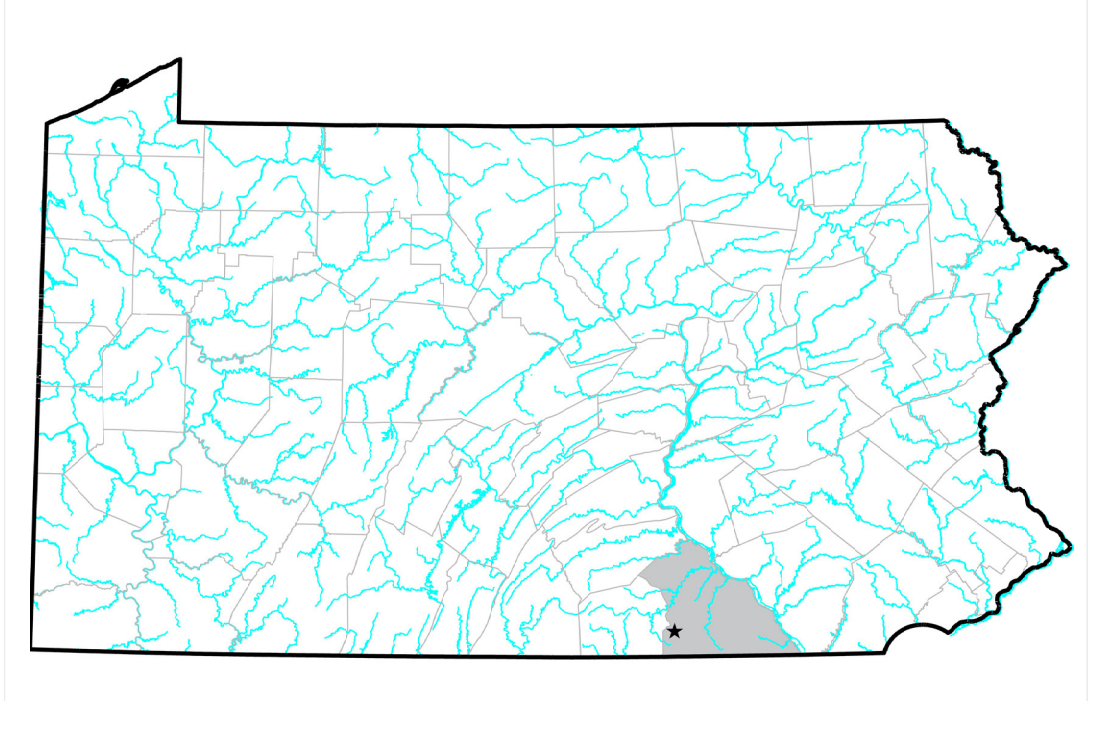


Existing Conditions

Oil Creek Trench 4

SOIL MONOLITH LEGACY SEDIMENT PROFILE

York County, Pennsylvania
 Watershed Area: 10 square miles
 Latitude: 39° 49' 45" N
 Longitude: 76° 56' 00" W
 March 29, 2022



Legacy Sediment
 AD 1700's to Present



Historical Conditions

AD 1695 - 1915.

Basal Gravels
 older than 9,000 BC

Historical Floodplain
 9,000 BC to AD 1700's



¹⁴C age BP (±1σ) PSUAMS #11175
¹³C age BP (±1σ) PSUAMS #11176
 All results have been corrected for isotopic fractionation according to the conventions of Stuiver and Polach (1977), with δ¹³C values measured on prepared graphite using the AMS. Conversion of the conventional ages to calendar years was done by calibrating with the IntCal20 northern hemisphere calibration curve in OxCal 4.4.4.