GEOL O GICAL SurvEY

EXPLANATION

Alluvium
Sand, grey, medium- to coarse-grained; gravelly and cobbly

Thick periglacial deposit
Qp, channery and flaggy silt loam, reddish-brown; contains varying proportions of fragments and blocks of sandstone, siltstone, and shale. Thickness ranges from 10 to 30 feet or more. Qpp, periglacial deposit containing a few well-rounded pebbles

Gravelly and channery silt loam, reddish-brown; contains numerous pebbles, cobbles, and fragments of sandstone and fine-grained conglomerate in about equal proportions. Differs chiefly from periglacial deposits in a higher content of pebbles and cobbles

Paleosol
Gravelly sandy clay loam, yellowish-red to yellowish-brown; contains numerous yellowish-red (weathered) pebbles. Underlain by sand and gravel

Outcrops of bedrock
Red shale, siltstone, and sandstone, Catskill formation (Stose and Lyngstad, 1931)

Contact, dashed where approximately located

RECONNAISSANCE MAP OF SURFICIAL DEPOSITS ALONG KETTLE CREEK NEAR OLEONA AND SHORT RUN QUADRANGLES, POTTER COUNTY, PENNSYLVANIA

Contour interval 100 feet
Datum is mean sea level

Base modified from U. S. Geological Survey maps of Oleona and Short Run quadrangles, Pennsylvania

Geology by C. S. Denny, 1951