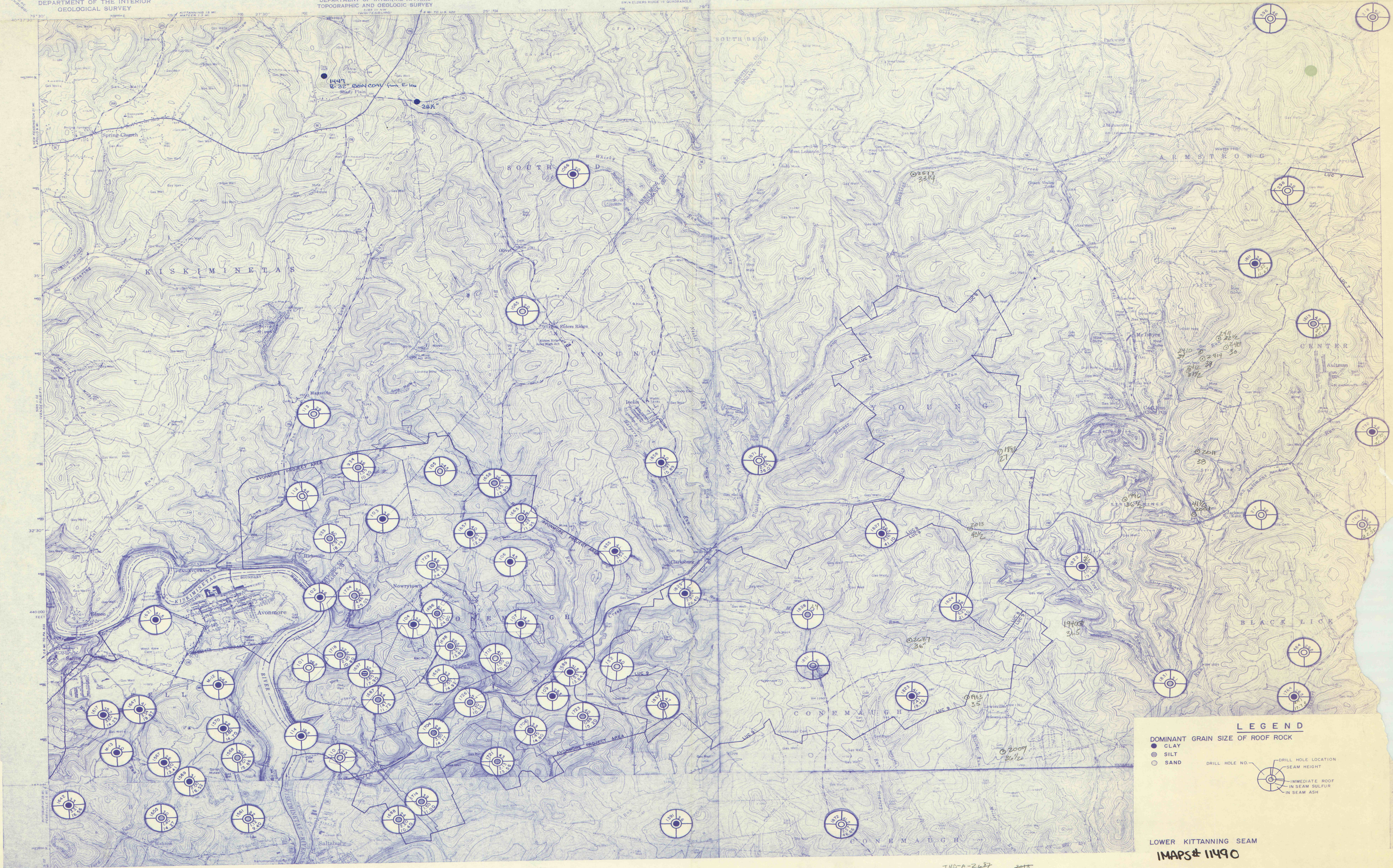




LEGEND

DOMINANT GRAIN SIZE OF ROOF ROCK

- CLAY
- SILT
- SAND

DRILL HOLE NO. — DRILL HOLE LOCATION

— SEAM HEIGHT

— IMMEDIATE ROOF

— IN SEAM SULFUR

— IN SEAM ASH

LOWER KITTANNING SEAM
IMAPS# 11490

IND-A-2687
21903
1940
1941
A96
2004
2007
2011

2418
2419
2420
2421
2422
2423
2424
2425