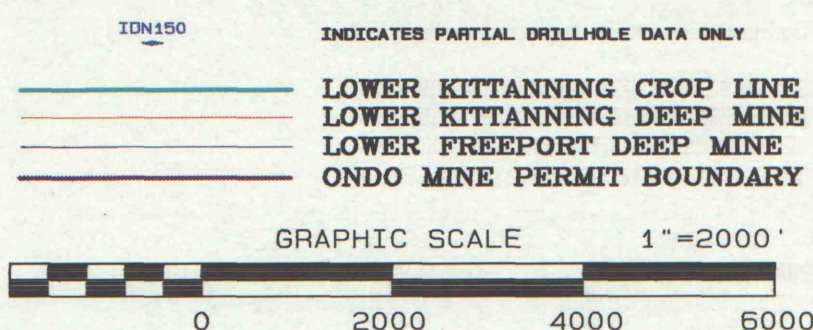
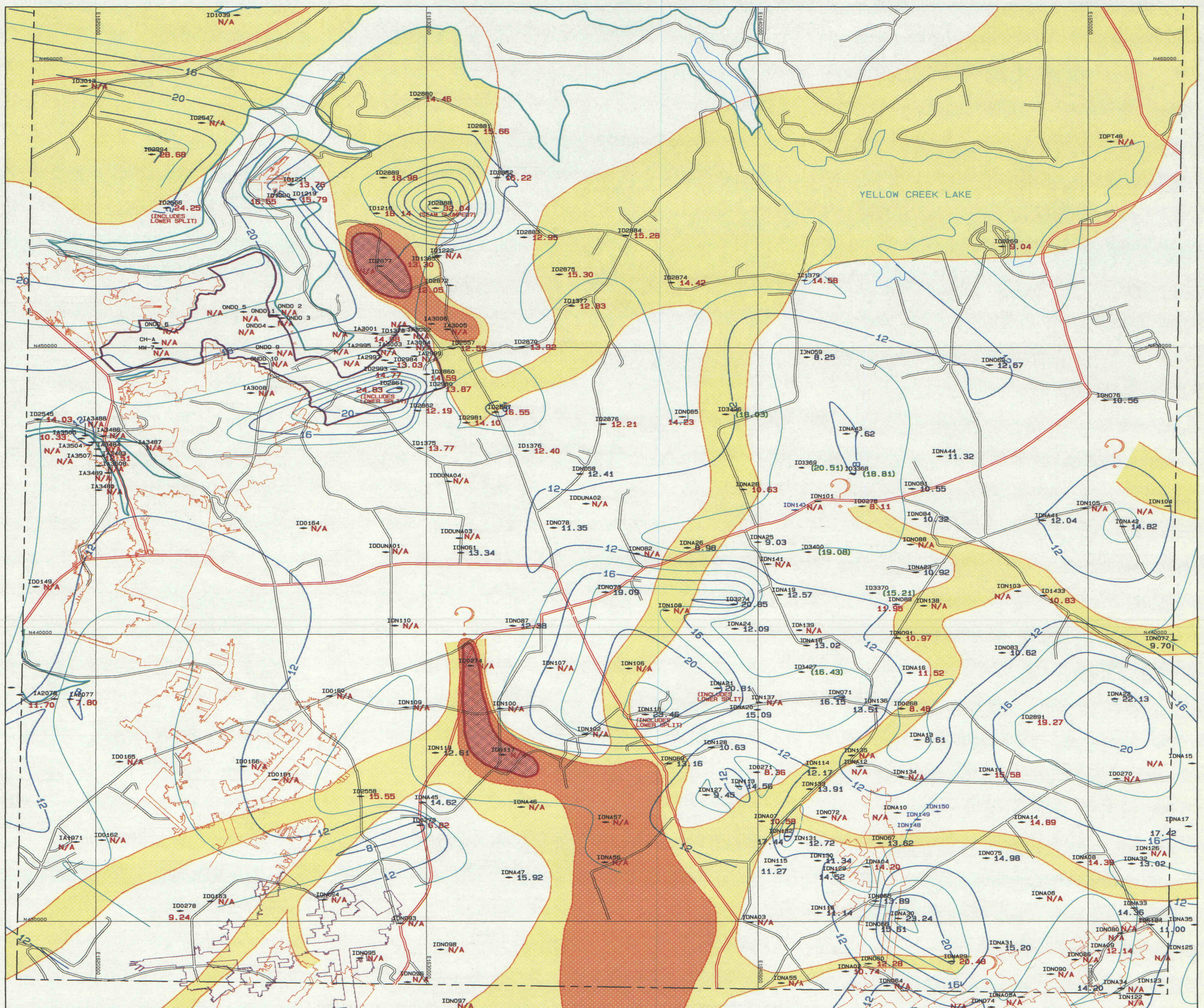


BRUSH VALLEY LOWER KITTANNING



IN-SEAM ASH OF MINEABLE SEAM HEIGHT

CONTOUR INTERVAL = 2 %

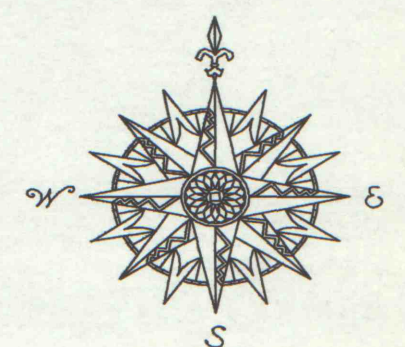
WASHABILITY ANALYSIS

NOTE: WASHABILITY ANALYSIS VALUES ARE SHOWN AS FOLLOWS:
13.51 OSD EXCLUDED - USED IN CONTOURING
(20.51) 2 IN. OSD INCLUDED - NOT USED IN CONTOURING

BRUSH VALLEY 7 1/2 MINUTE
QUADRANGLE BOUNDARY

POST-DEPOSITIONAL SANDSTONE CHANNELS

- SANDSTONE ON TOP OF COAL SEAM
COAL POSSIBLY DISTURBED. POOR ROOF
- AREAS OF PARTIAL SANDSTONE
CUTOUT. NOT MINEABLE.
- NO COAL AREAS. SEAM REMOVED.



MAPS# 11694