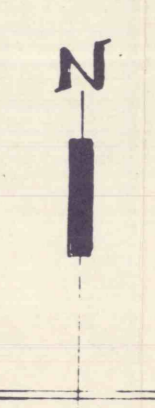


LEGEND

- PROPERTY OUTLINE
- RESERVATION WITHIN PROPERTY
- DEEP MINED AREAS
- + 42" — COAL THICKNESS
- + 27" — COAL THICKNESS
- + 20" — COAL THICKNESS
- 30" — COAL THICKNESS
- .950 — STRUCTURE CONTOURS (BOTTOM OF SEAM)



COAL RESERVE STUDY
CLEARFIELD BITUMINOUS COAL CORPORATION

COMMODORE FIELD
COAL SEAM : LOWER KITTANNING-B
SCALE : 1" = 1000' **DATE - SEPTEMBER 1978**

VAPCO ENGINEERING
 99 N. CILPIN ST.
 PUNXSUTAWNEY, PA 15767

SIGNED _____ SEAL _____
*Commodore, part of Rochester Mills
 7 1/2 quads.*

MAP NO. 11