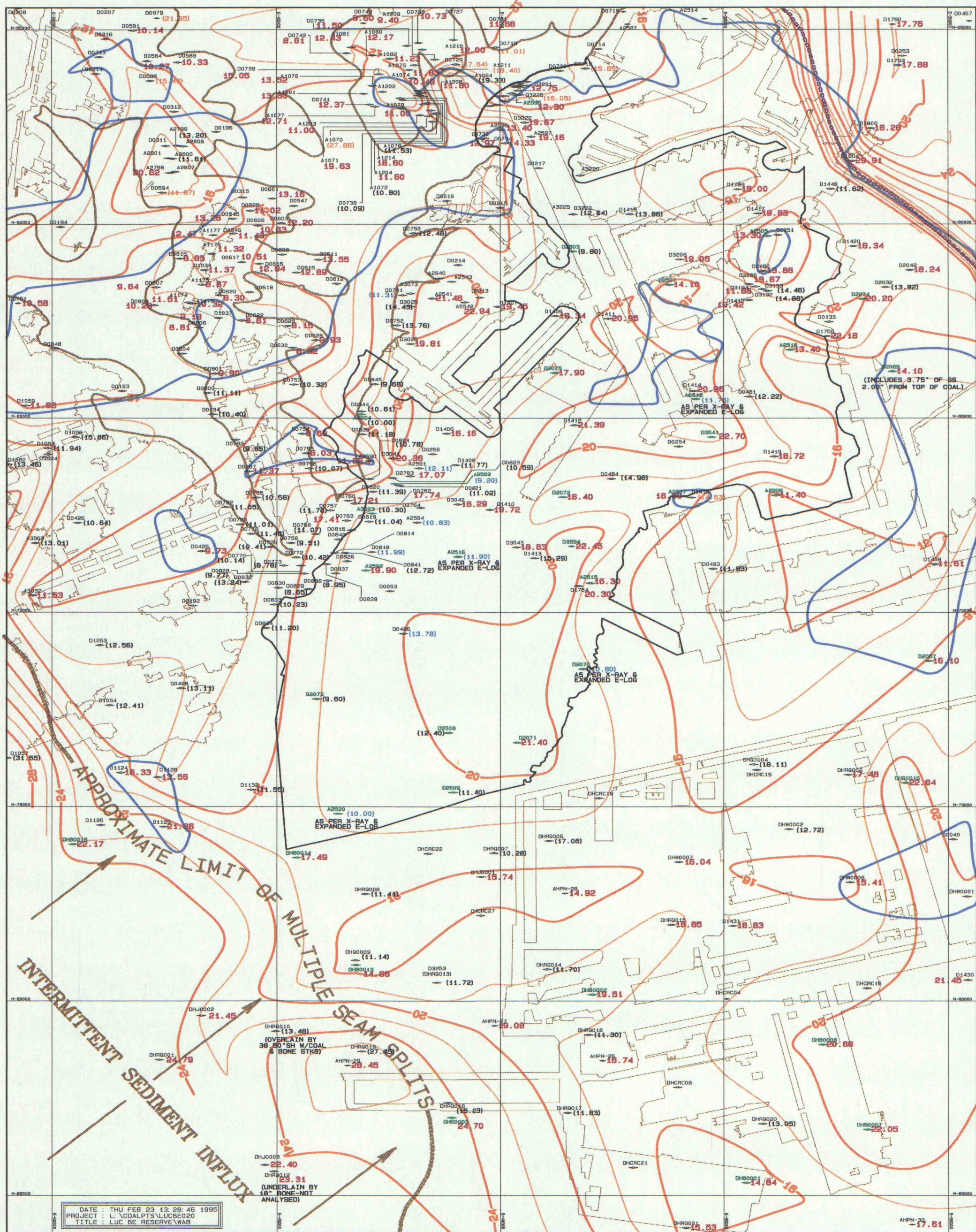




HELVETIA COAL CO. LUCERNE NO. 6E UPPER FREEPORT SEAM IN-SEAM ASH

CONTOUR INTERVAL = 2%

NOTE* ONLY ASH VALUES WHICH INCLUDE ANALYSIS OF BOTTOM "RASH" (WHERE PRESENT) ARE CONTOURED (SHOWN IN RED).
VALUES NOT CONTOURED (IN PARENTHESES) INCLUDE:
(10.50) BOTTOM "RASH" PRESENT BUT NOT ANALYSED
(10.50) BOTTOM "RASH" ASSUMED NOT ANALYSED
(18.65) SEAM PARTIALLY REMOVED BY SANDSTONE

WASHABILITY ANALYSES

DRILL HOLE NUMBERS (AND CORRESPONDING DIAMOND SYMBOLS) ILLUSTRATED IN GREEN HAVE FLOAT/SINK OR WASHABILITY ANALYSES ON THE UPPER FREEPORT COAL.
ALL WASHABILITY ANALYSES EXCLUDE OSD.

— 0" ISOPACH — BOTTOM "RASH"
— PERMIT BOUNDARY
- - - - - TRANSITION ZONE (SPLIT LINE)
— UPPER FREEPORT CROPLINE

GRAPHIC SCALE 1"=2000'



IMAPS #09437