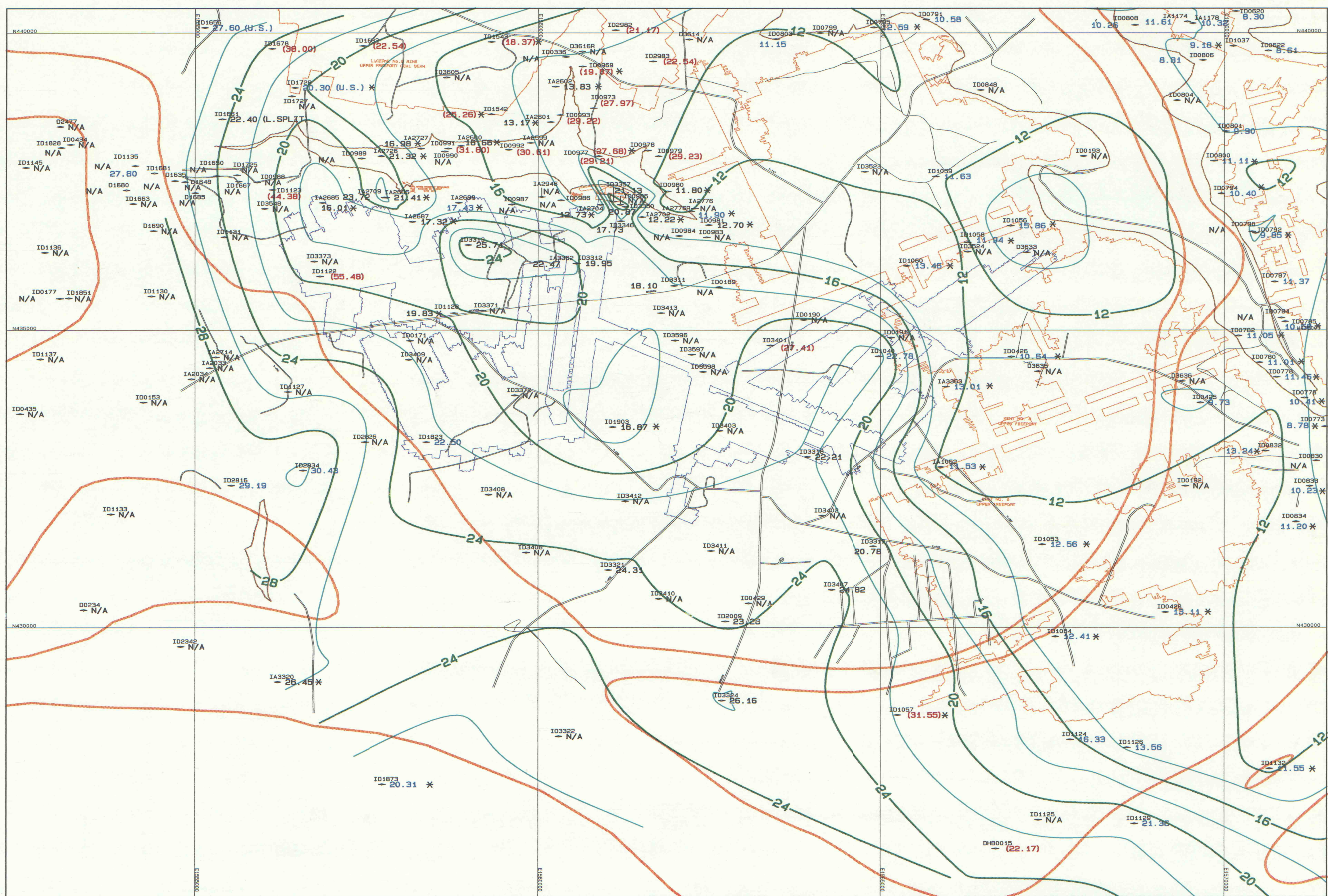
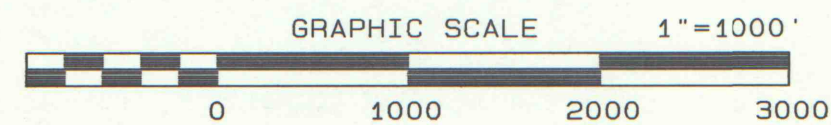




- UPPER FREEPORT CROP
- UPPER FREEPORT MINES
- POST-DEPOSITIONAL SANDSTONE CHANNEL WITHIN 5 FT OF COAL
- MARSHALL RUN MINE (UPPER KITTANNING)



- 24.82 ASH % OF UPPER FREEPORT COAL EXCLUDING TOP BENCH
- 12.56 TOP BENCH NOT PRESENT (EITHER NOT DEPOSITED OR REMOVED BY POST-DEPOSITIONAL CHANNEL SCOURING)
- \* BOTTOM "RASH" EXCLUDED FROM ASH ANALYSES
- (29.23) ASH % OF UPPER FREEPORT COAL INCLUDING TOP BENCH - NOT CONTOURED

## UPPER FREEPORT SEAM MARSHALL RUN AREA

IN-SEAM ASH  
(EXCLUDING TOP BENCH)

IMARS# 09761