

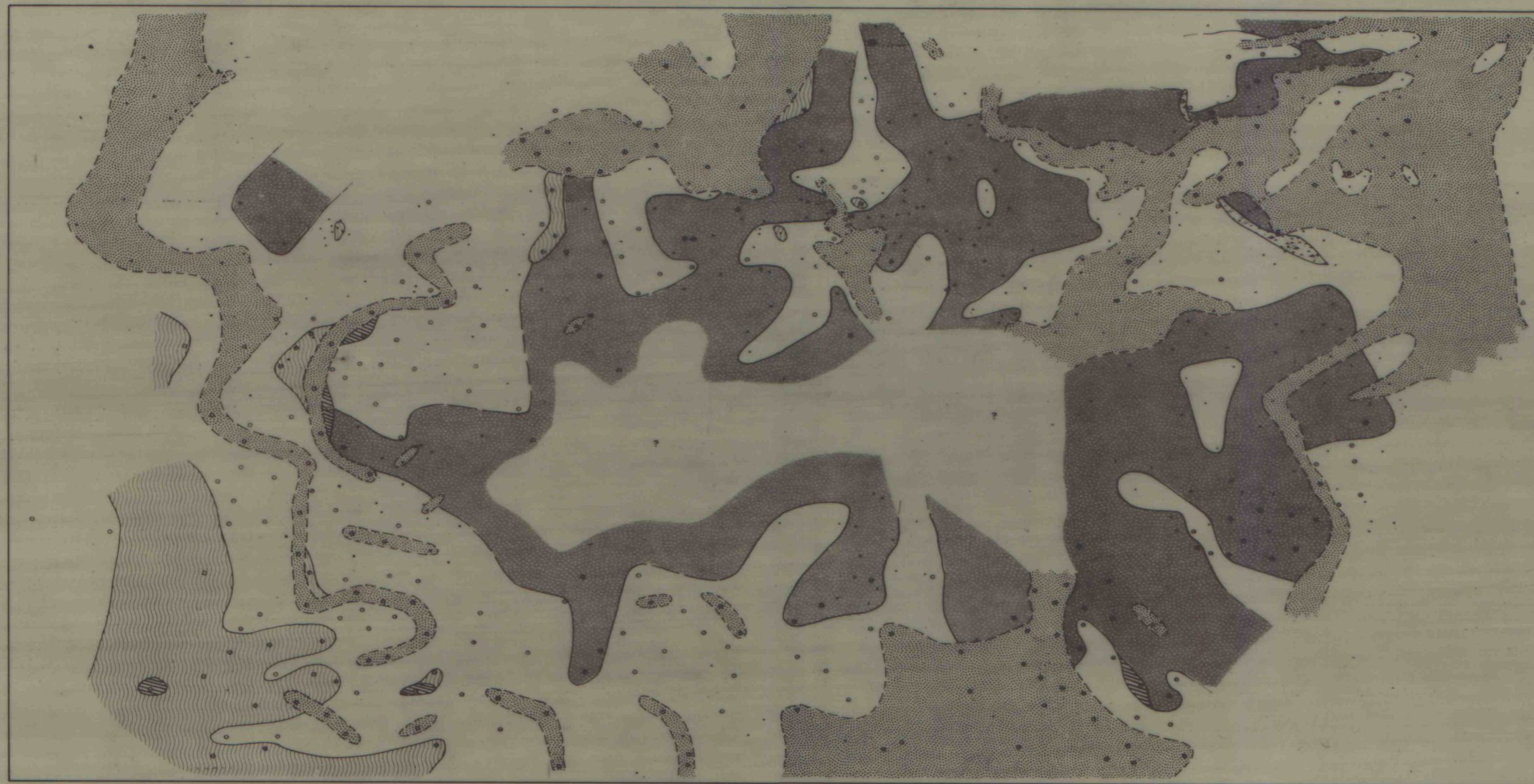


PLATE 19

LITHOFACIES MAP
8 FEET ABOVE BASE OF
UPPER FREEPORT SEAM

EXPLANATION

- DRILLERS LOGS
- GEOLOGIST LOGS
- COAL DATA ONLY

- SANDSTONE AND CONGLOMERATE
- SANDY SHALE AND SHALE
- DARK SHALE
- COAL
- FIRECLAY (ROOTED ROCKS)
- BLUMP DEPOSITS

0 1/2 1 2
MILES

0 1 2 3
KILOMETERS