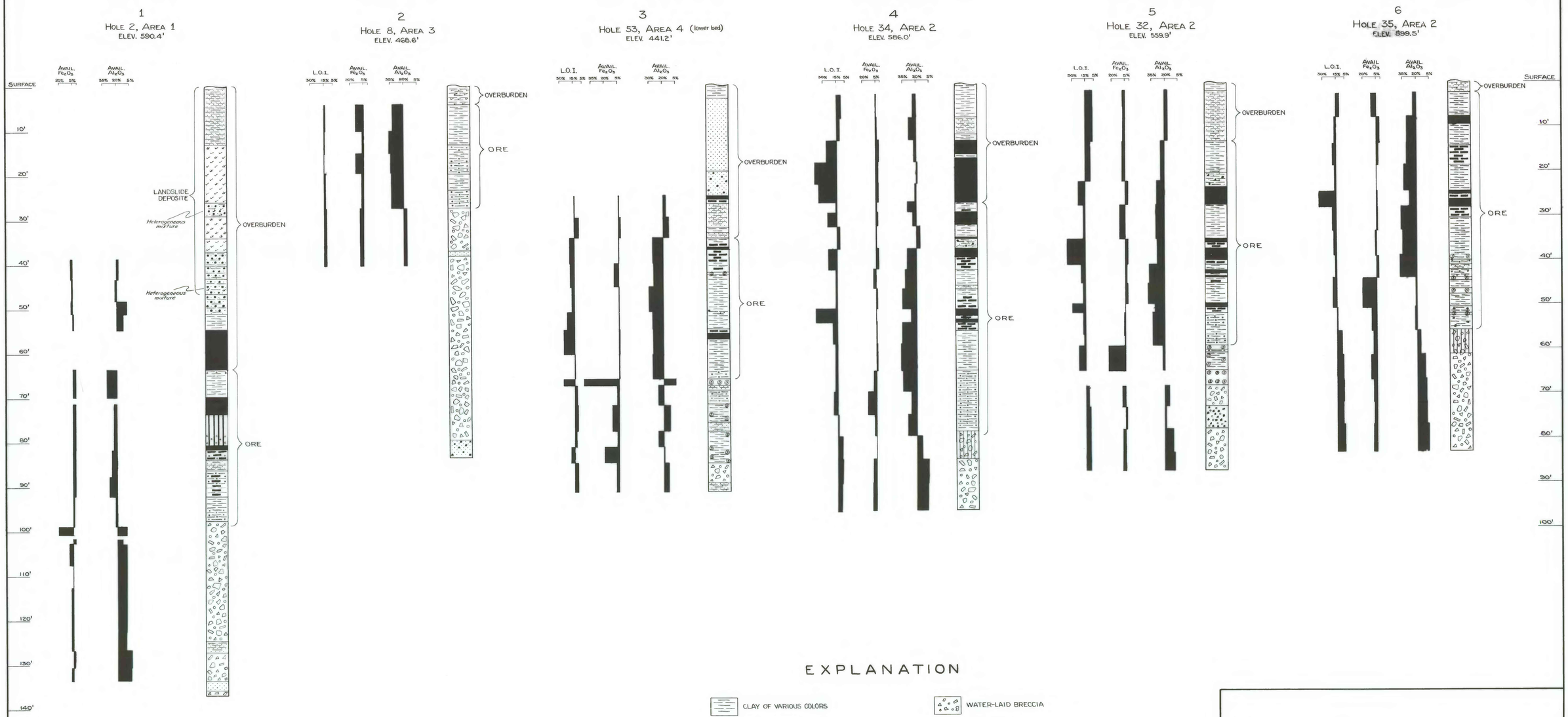
45-12
FIG. 4



EXPLANATION

- CLAY OF VARIOUS COLORS
- LIGNITIC CLAY
- SANDY CLAY, SILTY CLAY, GRITTY CLAY, WEATHERED SAND, WEATHERED SILT
- SANDY, PEBBLY CLAY
- LIGNITE AND LIGNITIC CLAY
- LIGNITE
- SAND, SILT
- PEBBLY SAND
- L.O.I. LOSS ON IGNITION
- WATER-LAID BRECCIA
- WEATHERED WATER-LAID BRECCIA
- BRECCIA
- TUFFACEOUS MATERIAL
- CLAY PELLETS
- WEATHERED GRAVEL
- FRESH BASALT
- WEATHERED BASALT
- SIDERITE

COLUMNAR SECTIONS
SHOWING RELATIONSHIP OF CHEMICAL DATA AND GEOLOGY IN TYPICAL HOLES

COWLITZ HIGH-ALUMINA CLAY DEPOSIT

NEAR CASTLE ROCK
COWLITZ COUNTY, WASHINGTON

BY
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
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