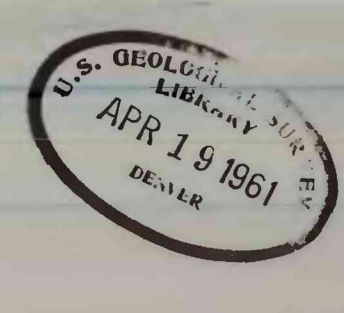


U. S. Geological Survey
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UNITED STATES DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

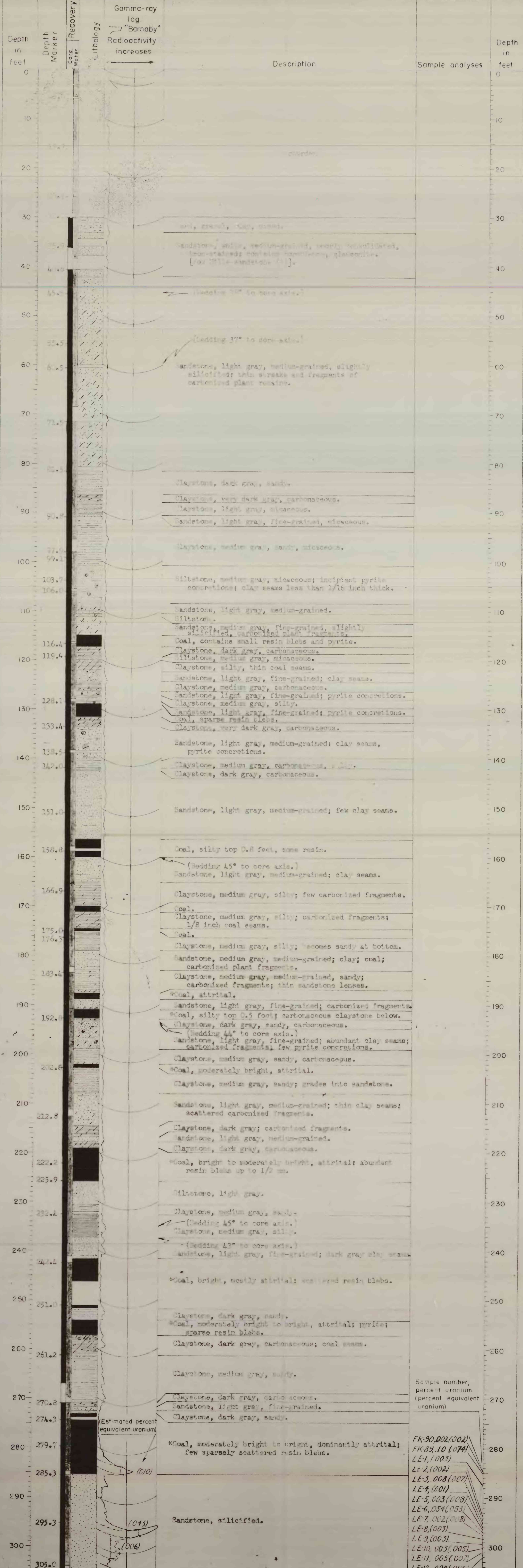
TRACE ELEMENTS MEMORANDUM
 REPORT 292

DIAMOND DRILL HOLE LE-1
 OLD LEYDEN COAL MINE, JEFFERSON COUNTY, COLORADO
 DRILLED AUGUST 31 TO SEPTEMBER 10, 1951

Collar elevation: 5905 feet
 Bottom elevation: 5688 feet
 Bottom 217 feet below collar
 Hole bearing: N.89°E.
 Hole inclination: -45°

Length of hole: 305.0 feet
 Length of core: 275.0 feet
 Core recovery: 94.6 percent
 Shifts drilled: 16

PLEASE REPLACE IN BACK OF
 IN BACK OF SOUND VOLUME



*Core examined and analyzed by James M. Schopf, U. S. Geological Survey, Coal Geology Laboratory, Columbus, Ohio. Geology by A. J. Gude, 3rd

FIG. 24 GAMMA-RAY LOG AND LITHOLOGIC COLUMN, HOLE LE-1, OLD LEYDEN COAL MINE, JEFFERSON COUNTY, COLORADO.