



EXPLANATION



GROUND UNDERLAIN BY URANIUM-VANADIUM-BEARING ROCK PROJECTED TO THE INFERRED OUTER EDGES OF MINERALIZED LAYERS, SOME OF WHICH OVERLAP AND ARE NOT CONNECTED BETWEEN ADJACENT DRILL HOLES.

Block K



BOUNDARY OF RESERVE BLOCK



136 000 N
96 000 E

COORDINATE LINES
UNION MINES DEVELOPMENT CO. SYSTEM

DIAMOND-DRILL HOLES, U.S. GEOLOGICAL SURVEY, 1954-55. CLASSIFICATION BY GRADE (BASED ON GAMMA-RAY DATA OF DOUBTFUL RELIABILITY AND CHEMICAL ASSAY) AND THICKNESS. DRILL HOLES LOCATED BY PLANETABLE SURVEY METHODS. (NUMBERS ON DRILL-HOLE STANDPIPES OR STAKES IN FIELD HAVE PREFIX LP).



862
BARREN



922
WEAKLY MINERALIZED
(CONTAINS LESS THAN 0.10 PERCENT U_3O_8 AND 1.0 PERCENT V_2O_5 BUT 0.020 PERCENT OR MORE U_3O_8 OR 0.10 PERCENT OR MORE V_2O_5 BY CHEMICAL ASSAY OR REGISTERS GAMMA-RAY VALUES WITHIN THE RANGE FROM 0.020 PERCENT TO 0.099 PERCENT eU_3O_8 , OR LESS THAN 1 FOOT THICK IF HIGHER GRADE)



1275
ORE BEARING
(CONTAINS 0.10 PERCENT OR MORE U_3O_8 OR 1.0 PERCENT OR MORE V_2O_5 BY CHEMICAL ASSAY, OR REGISTERS GAMMA-RAY VALUES OF 0.10 PERCENT OR MORE eU_3O_8 , AND 1 FOOT OR MORE THICK)

200 0 600 FEET

Contour Interval 20 feet
Datum is mean sea level

See figures 2 and 3 for limits of land withdrawn for use of U.S. Atomic Energy Commission.
See text for availability of logs in withdrawn area

GEOLOGY BY R. L. BOARDMAN, H. E. BOWERS, AND OTHERS, 1953-55.
SURVEYING BY C. N. BROWN

This map is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards and nomenclature.

Figure 4.-- MAP OF PART OF SOUTHEASTERN LONG PARK, URAVAN DISTRICT, MONTROSE COUNTY, COLORADO