



Contour Interval 20 feet. Datum is mean sea level

This map is preliminary and has not been reviewed or approved for publication by the U.S. Geological Survey and is not for distribution.

See figures 2 and 3 for limits of land withdrawn for use of U.S. Atomic Energy Commission. See text for availability of logs in withdrawn area.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, 1949-54
SURVEYING BY C.N. BROWN AND N.B. PLATT

EXPLANATION

AT (05-1) ML-14 U.C.N.C.

BOUNDARY OF GOVERNMENT LEASE SHOWING LEASE NUMBER

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.

DIAMOND-DRILL HOLES, U.S. GEOLOGICAL SURVEY, 1949-54 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).

Block B
BOUNDARY OF RESERVE BLOCK

152 000 N.
81 000 E. UNION MINES DEVELOPMENT CO. SYSTEM
21 22
28 27
LAND SECTION CORNER FOUND IN FIELD AND LOCATED BY PLANETABLE SURVEY METHODS

766
BARREN

104
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)

837
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)

Figure 6.-- MAP OF PART OF WEST-CENTRAL LONG PARK, URAVAN DISTRICT, MONTROSE COUNTY, COLORADO