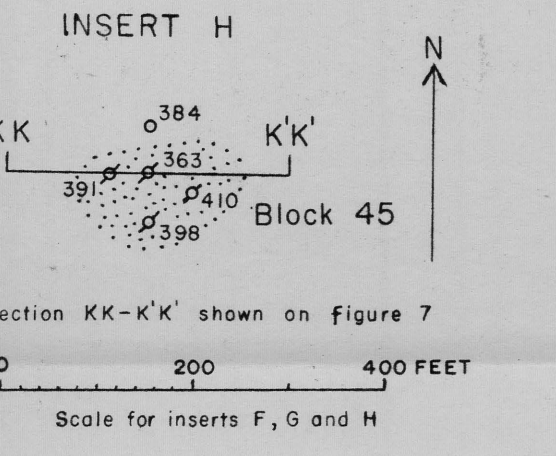
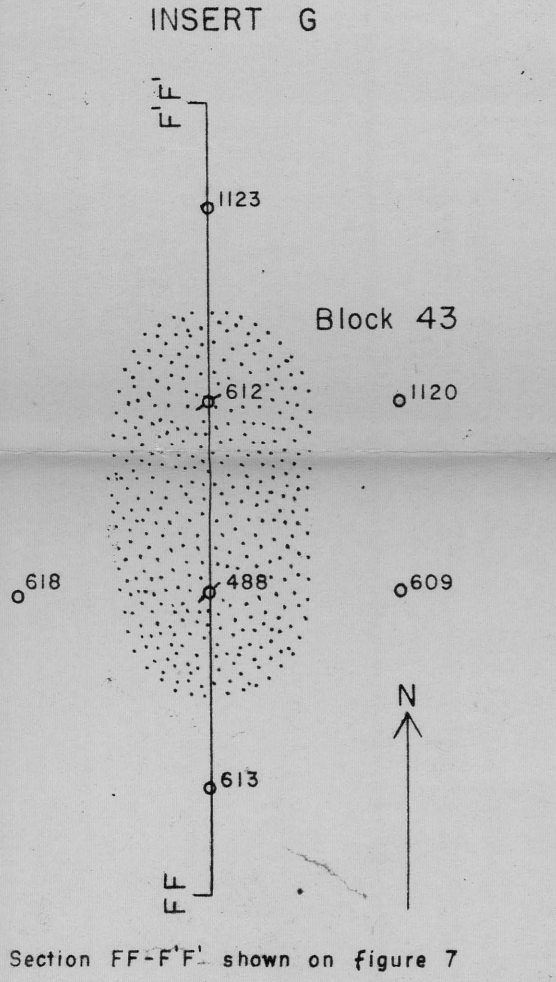
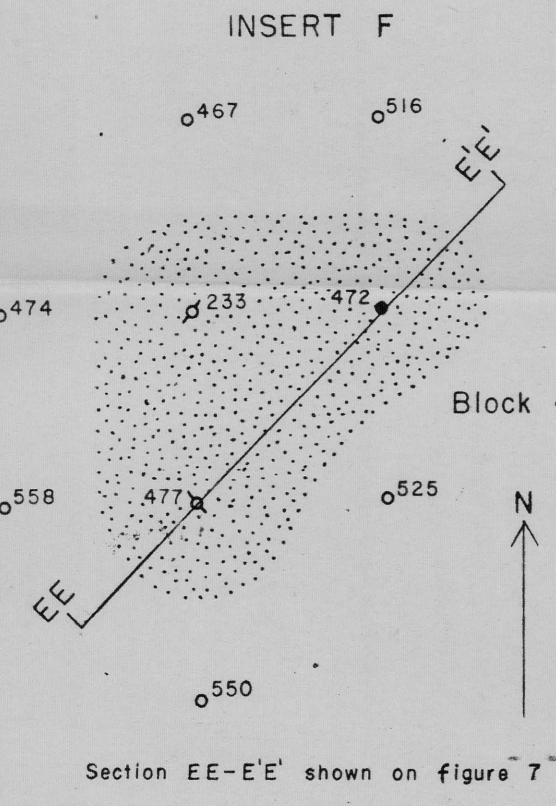
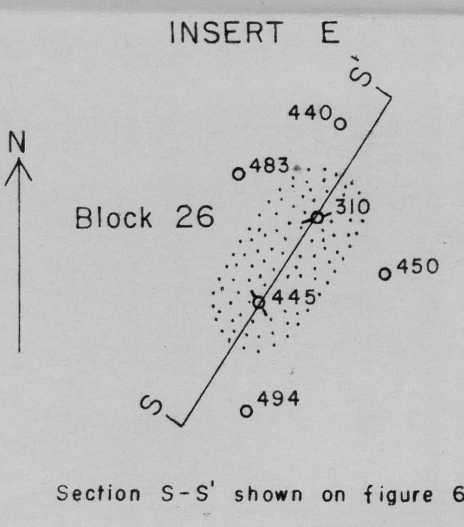
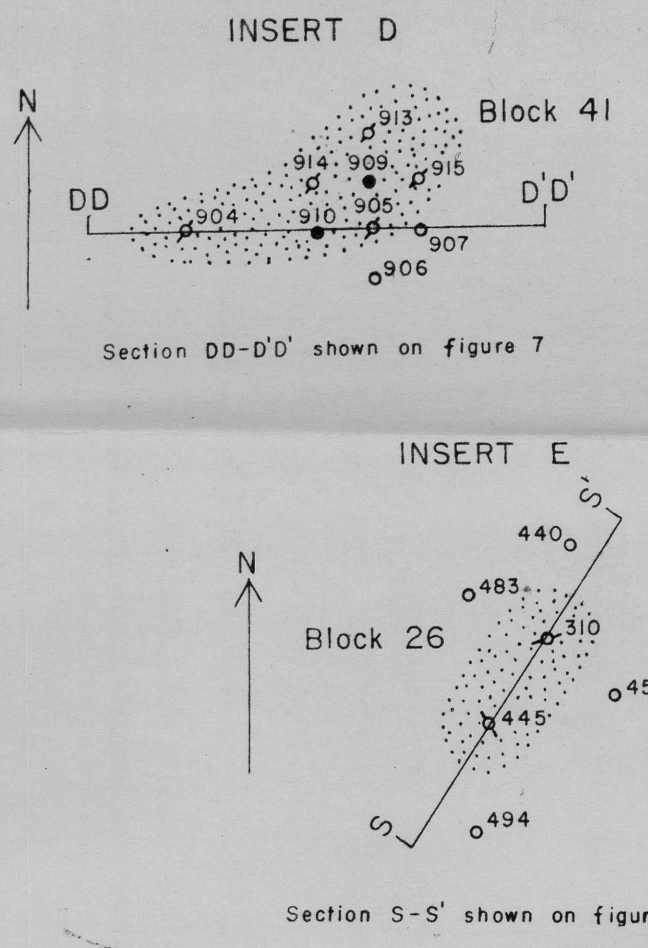
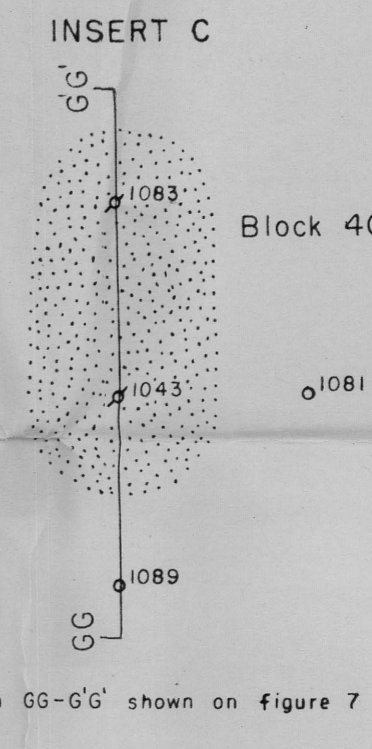
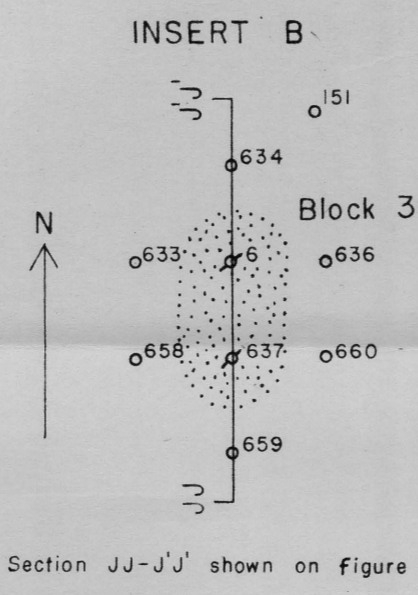
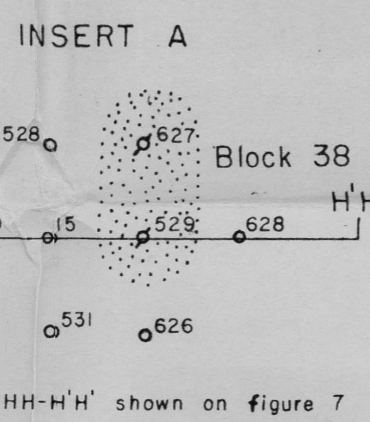


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Scale for inserts A, B, C, D, and E
200 0 400 FEET



Approximate base of main ore-bearing sandstone

Approximate base of main ore-bearing sandstone

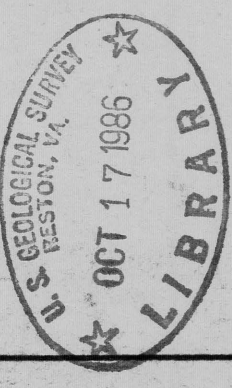
EXPLANATION

- APPROXIMATE BASE OF MAIN ORE-BEARING SANDSTONE
- GROUND UNDERLAIN BY CARNOTITE-BEARING ROCK FOUND BY GEOLOGICAL SURVEY DRILLING, PROJECTED TO INFERRED OUTER EDGES OF MINERALIZED LAYERS. SOME OF WHICH OVERLAP AND ARE NOT CONNECTED BETWEEN ADJACENT DRILL HOLES; INCLUDES RESERVE BLOCKS WHERE SHOWN
- AREAS EXTENSIVELY DRILLED BY PRIVATE COMPANIES WITH WAGON DRILL OR JACKHAMMER; INDIVIDUAL DRILL HOLES NOT SHOWN
- X MINERALIZED PROSPECT
- ⊗ MINE, ADIT, INCLINE, SHAFT, OR OPEN PIT
- 7/8 18/17 LAND SECTION CORNER, APPROXIMATELY LOCATED
- AT-(49-1)-526 BOUNDARY OF GOVERNMENT LEASE SHOWING LEASE NUMBER
- Figure 5 OUTLINE OF AREAS SHOWN ON FIGURES 4 AND 5
- 14 CLAIM BOUNDARIES AND INDEX NUMBER (BOUNDARIES SHOWN AS SOLID LINES WHERE CLAIM CORNERS OR MONUMENTS HAVE BEEN FOUND IN FIELD AND LOCATED BY PLANE-TABLE SURVEY METHODS; CLAIM BOUNDARIES ARE DASHED WHERE APPROXIMATELY LOCATED)
- DIAMOND-DRILL HOLES, GEOLOGICAL SURVEY, 1949-51. CLASSIFICATION BY GRADE (BASED ON CHEMICAL ASSAY OR GAMMA-RAY DATA) AND THICKNESS. DRILL HOLES LOCATED BY PLANE-TABLE SURVEY METHODS WITHIN THE AREAS OF FIGURES 4 AND 5. DRILL HOLES LOCATED BY TAPE AND COMPASS SURVEY METHODS ELSEWHERE. (NUMBERS ON DRILL HOLE STAMPS IN FIELD HAVE PREFIX QM)
- BARREN
- WEAKLY MINERALIZED (CONTAINS LESS THAN 0.10% U₃O₈ OR 1.0% V₂O₅ BUT 0.020% OR MORE U₃O₈ OR 0.10% OR MORE V₂O₅ BY CHEMICAL ASSAY OR REGISTERS GAMMA-RAY VALUES WITHIN THE RANGE FROM 0.020% TO 0.099% EU_{0.8}, OR LESS THAN 1 FOOT THICK IF HIGHER GRADE)
- ORE-BEARING (CONTAINS 0.10% OR MORE U₃O₈ OR 1.0% OR MORE V₂O₅ BY CHEMICAL ASSAY OR REGISTERS GAMMA-RAY VALUES OF 0.10% OR MORE EU_{0.8} AND 1 FOOT OR MORE THICK)
- DIAMOND-DRILL HOLES, U. S. VANADIUM CO., 1951. (ALL HOLES DRILLED WERE BARREN, AND STAKES LEFT IN FIELD HAVE PREFIX C). HOLES LOCATED FROM U. S. VANADIUM CO. MAPS.

GEOLOGY BY: H. K. STAGER, G. R. BRASHER, D. A. JORIN, AND OTHERS
ENGINEERING BY: E. V. REINHARDT, P. B. MUGGETT, AND OTHERS

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This material contains information affecting the national defense of the United States within the meaning of the espionage laws, Title 18, U.S.C., Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.



Contour interval 100 feet
Datum is mean sea level

Figure 2--MAP OF OUTLAW MESA, MESA COUNTY, COLORADO

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