

URANIUM-OCCURRENCE

Quad Name A90 < Lovelock Ham 14 >

Quad Scale A100 < 2, 5, 0, 0, 0, 0 >

Deposit No. B40 < 12 >

0260 0014

REPORT

Deposit Name A10 < Majuba Hill Mine >

Synonym Name(s) A11 < Majuba Mountain >

District or Area A30 < Antelope Range >

Country A40 < U, S >

State Nevada

State Code A50 < 3, 2 > < 3, 2 >
(Enter code twice from List D)

County A60 < Pershing >

Position from Prominent Locality A82 < 2nd level adit is located on the
south face of Majuba Hill. Mine is located 14 miles west of Imlay on Sulphur
Road then 6 miles southwest up Majuba Canyon. >Field Checked G1 < 7, 8 | 1, 1 > By G2 < Smouse, DeForrest >
Yr Mo Last name First InitialLatitude A70 < 4, 0 | 4, 0 | 1, 1, N >
Deg Min SecLongitude A80 < 1, 1, 8 | 2, 8 | 1, 2, W >
Deg Min SecTownship A77 < 3, 2 | N >
N/S

Range A78

< 3, 1 | E >
E/W

Section A79 < 2 >

FT/M

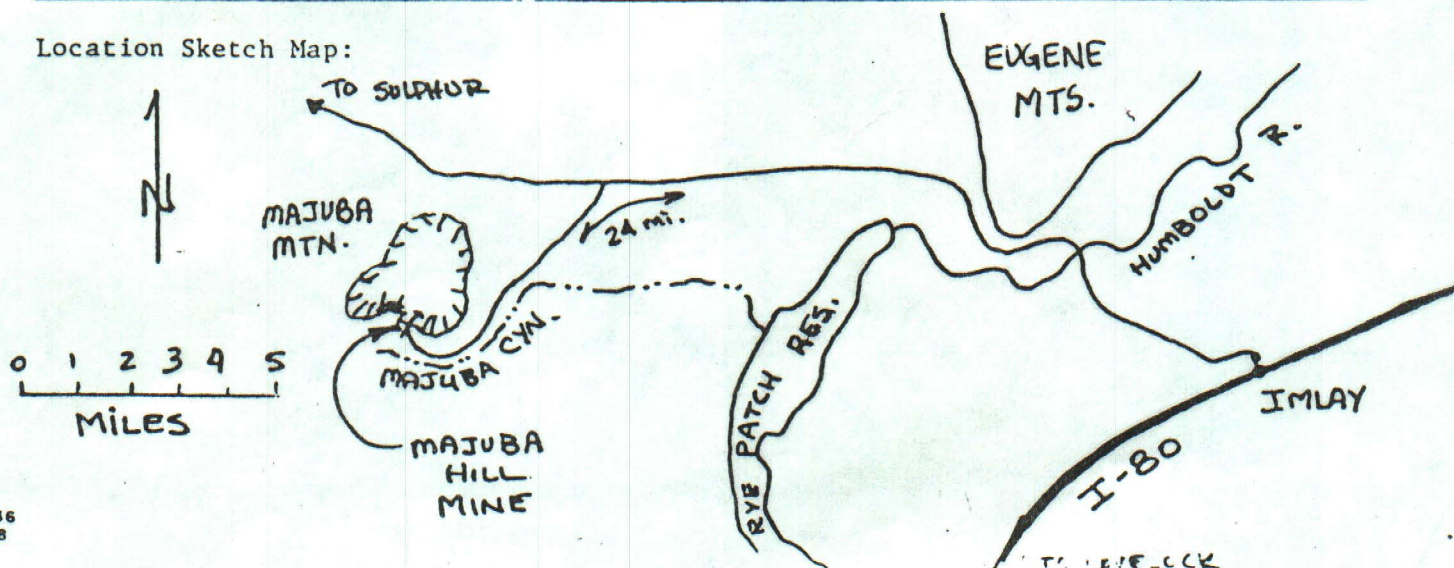
Meridian A81 < Mount Diablo > Altitude A107 < 6250 Ft >

Quad Scale A91 < 2, 4, 0, 0, 0 >
(7½' or 15' quad)

Quad Name A92 < Majuba Mtn. Nev. >

Physiographic Province A63 < 1, 2 | Basin and Range >
(List K)Location Comments A83 < Occurrence is located 600-800 feet from mouth of second
adit level of Majuba Hill Mine. >

Location Sketch Map:



URANIUM-OCCURRENCE

Quad Name Lovelock

REPORT

Deposit No. 12

Alteration N75 < secondary copper sulfides, carbonates, arsenates, limonite and gypsum

Reductants U5 < Unknown, but probably sulfides and arsenides of copper

Analytical Data (General) C43 < A reported 3 foot wide zone of 0.30% U_3O_8 in copper chute area which was mined out with copper production.

Radiometric Data (General) U6 < Scintrex 500 to 2700 CPS (5-27 times background)
(No. times background and dimensions)

in much of main mine area. MEX 073, Geometrix, 100 second count, TC-902.8, K-35 CPS,

U-22.3 CPS, Th-1.6 CPS. MEX 074, Geometrix, 100 second count, TC-723.0 CPS,

U-13.0 CPS, Th-2.0 CPS
Ore Controls K5 < Lithology and brecciation, plus copper mineralization.

Deposit Class C40 < Pneumatogenic > Class No. U7 < 5,2,0 >

Comments on Geology N83 < extensive study of the geology and ore deposits of Majuba Hill Area indicate that the deposit is zoned from upper levels to deep within the volcanic throat with molybdenum being the lower zone mineral.

URANIUM-OCCURRENCE

Quad Name Lovelock

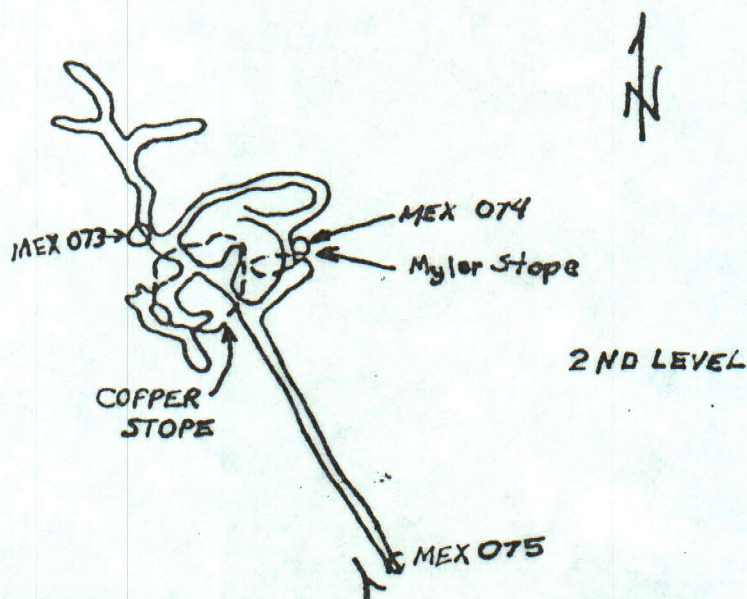
REPORT

Deposit No. 12

Uranium Analyses:

Sample No.	Sample Description	Chem. Cu_3O_8 Uranium Analysis (ppm)
MEX 073	Black sooty chalcocite and argillized rhyolite	179.0
MEX 074	Iron stained argillized rhyolite porphyry	165.0
MEX 075	Rhyolite porphyry in 20 Ft. <u>thick</u> dike	19.0

Geologic Sketch Map and/or Section, with Sample Locations:



References:

- F1 < Garside, L. J., 1973, radioactive mineral occurrences in Nevada, Nevada
Bur Mines and Geol. Bull 81 >
- F2 < MacKenzie, W. B. and Bookstrom, A. A. 1976, geology of the Majuba Hill Area,
Pershing County, Nevada, Nevada Bur Mines and Geol. Bull 86. >
- F3 < Trites, A. F. and Thurston, R. H., 1958, Geology of Majuba Hill, Pershing
County, Nevada: U. S. Geol. Survey Bull. 1046-I. >
- F4 < _____ >