

1360 0017

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URANIUM-OCCURRENCE

REPORT

Quad Name A90 < Lovelock Item 103 >

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

Deposit No. B40 < 20 >

Deposit Name A10 < Unnamed >

Synonym Name(s) A11 < >

District or Area A30 < Northwest Seven Troughs Mountain Range DEEPHOLE DISTRICT >

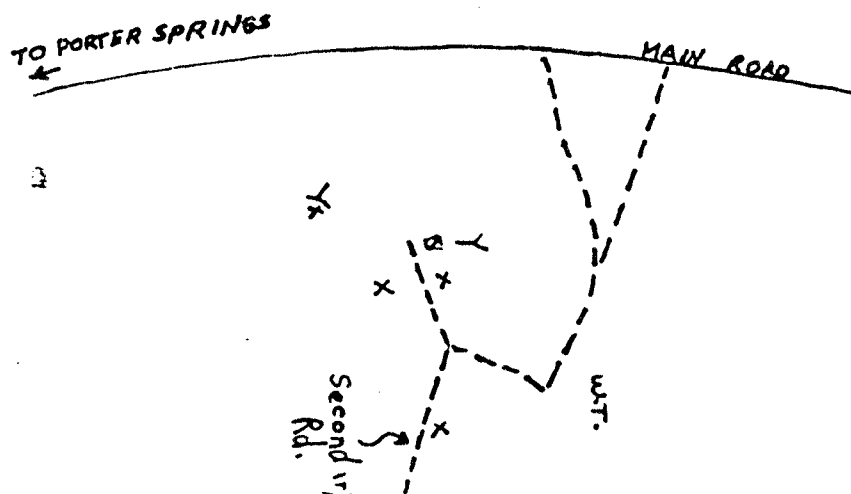
Country A40 < U, S > U, S State Nevada

State Code A50 < 3, 2 > 3, 2 County A60 < Pershing >
(Enter code twice from List D)Position from Prominent Locality A82 < 13 miles north of Porter Springs 19
miles south of Ronda Siding >Field Checked G1 < 7, 9 | 6 > By G2 < Neff Thomas R. >
Yr Mo Last name First InitialLatitude A70 < 4, 0 | 3, 5 | 2, 3, N > Longitude A80 < 1, 1, 8 | 4, 8 | 3, 3, W >
Deg Min Sec Deg Min SecTownship A77 < 3, 5 | N > Range A78 < 3, 2 | E > Section A79 < 2, 8 >
N/S E/W FT/M

Meridian A81 < Mountain Diablo > Altitude A107 < 1750 M >

Quad Scale A91 < 2, 5, 0, 0, 0, 0 > Quad Name A92 < Sulphur 3 SE >
(7½' or 15' quad)Physiographic Province A63 < 1, 2 | Basin and Range >
(List K)Location Comments A83 < The areas of high count are in a leucogranite located
in the northwestern part of the Seven Troughs Range 13 miles north of Porter Spring >

Location Sketch Map:



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Deposit No. 20

Commodities Present:

C10 < C U U T h >

Commodities Produced:

MAJOR < > COPROD < >

MINOR < > BYPROD < >

Potential Commodities:

POTEN < > OCCUR < C U U >

Commodity Comments C50 < Copper has been prospected for in veins. The uranium-
thorium is in very light colored leucogranite. >

Status of Exploration and Development A20 < 1 >

(1 = occurrence, 2 = raw prospect, 3 = developed prospect, 4 = producer)

Comments on Exploration and Development L110 < The radioactive occurrences have not
been explored but are adjacent to copper prospects >

Property is A21 (Active) A22 (Inactive) (Circle appropriate labels)

Workings are M120 (Surface) M130 (Underground) M140 (Both)

Description of Workings M220 < No work has been done on radioactive zones. >

Cumulative Uranium Production PROD YES NO SML MED LGE (circle)

DH2 accuracy thousands of lb. years grade
G7 < U > G7A < > G7B < LB > G7C < > G7D < > % U308 >

Source of Information D9 < >

Production Comments D10 < >

Reserves and Potential Resources

EH accuracy thousands of lb. year of est. grade
E1 < U > E1A < > E1B < LB > E1C < > E1D < > % U308 >

Source of Information E7 < >

Comments E8 < The deposit is too spotty to be economically exploited for uranium. >

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Deposit No. 20Deposit Form/Shape M10 < Tabular >

FT/M

Length M40 < 10 > M41 < FT >

Size M15 (circle letter):

Width M50 < 1 > M51 < FT >1b U308Thickness M60 < 3 > M61 < FT >

A 0 - 20,000

B 20,000 - 200,000

Strike M70 < _____ >

C 200,000 - 2 million

D 2 million - 20 million

Dip M80 < _____ >

E More than 20 million

Tectonic Setting N15 < Mobile belt >Major Regional Structures N5 < Central part of eugeosynclinal portion of basin and range >Local Structures N70 < In irregular leucogranite pluton and along small joints >Host-FM. Name U1 < leucogranite > Member U2 < _____ >Host Rock K1 < C R E T > Leucogranite, med. crystalline, feldspar
(Age) (Rock type, texture, composition, color,and quartz are smokey, the occurrences are poorly defined pods with gradational alteration, attitude, geometry, structure, etc.)boundaries. Containing slight to moderate hematite and bleaching >Host-Rock Environment U3 < Plutonic, synorogenic, stock >
(Sed. dep. environ., metamorphic facies, ign. environ.)

Comments on

Associated Rocks U4 < The rocks of the wallrock are identical to occurrence >excepting the slight bleaching and smokey quartz. The wallrock is also slightly finer crystalline. >Ore Minerals C30 < allanite, zircon >Gangue Minerals K4 < feldspar, quartz, hematite >

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Alteration N75 < Bleached zones in the leucogranite with slight to moderate limonite and hematite staining.

Reductants U5 < Unknown

Analytical Data (General) G43 < _____

Radiometric Data (General) U6 < 1 - 80 X BG, 1 X (3-2) X 10 FT, 8000 cps Mount Sopris
(No. times background and dimensions)

Geometrix-MEX 128, 100 second count, TC-421-cps, K-93 cps, U-60 cps, Th-70 cps

Geometrix-MEX 130, 100 second count, TC-540 cps, K-19 cps, U-15 cps, Th-16 cps

Ore Controls K5 < Small joints in the leucogranite, radioactivity also associated within zones of limonite staining.

Deposit Class G40 < Hydrothermal > Class No. U7 < 1310

Comments on Geology N85 < The anomalous radioactivity occurs in ill defined pods in a leucogranite plutonic mass. The radioactivity is within very light colored, altered leucogranite which is close to copper stained rock.

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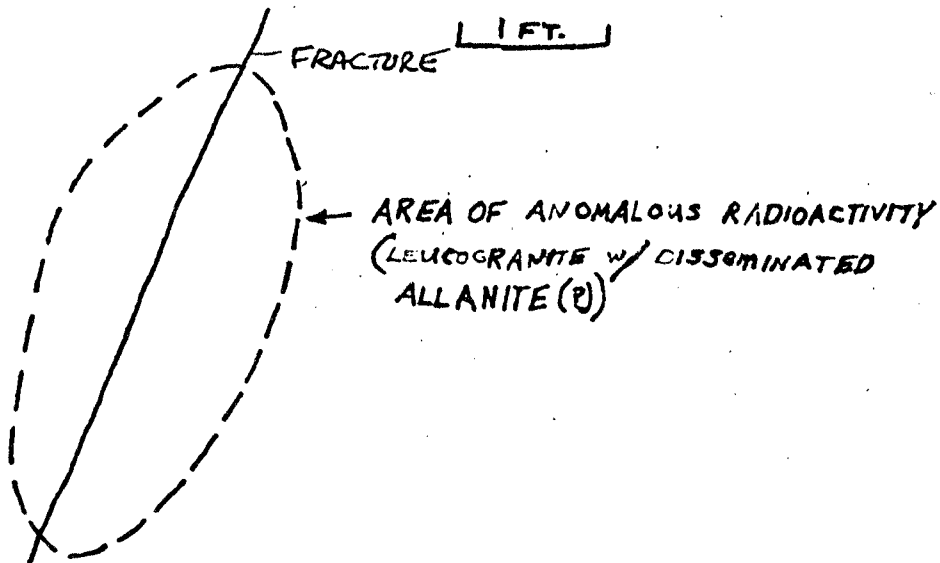
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Uranium Analyses:

Sample No.	Sample Description	Uranium Analysis
MEX 128	Leucogranite (ore)	140.0
MEX 129	Leucogranite (wall rock)	1.0
MEX 130	Leucogranite (ore)	39.0
MEX 145	Leucogranite (ore)	20.0
MEX 146	Leucogranite (ore)	36.0

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

LEUCO GRANITE



References:

F1 < this report

F2 < _____

F3 < _____

F4 < _____