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Page 1 Dayphole (31)

URANIUM-OCCURRENCE REPORT

Quad Name A90< Lovelock

Quad Scale A100< | 2, 5, 0, 0, 0, 0 > Item 6

Deposit No. B40< 15 >

Deposit Name A10 < Great Boiling Springs Park >

Synonym Name(s) A11 < >

District or Area A30 < Gerlach >

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

State Code A50 < 3, 2 > | 3, 2 | County A60 < Washoe >
(Enter code twice from List D)

Position from Prominent Locality A82 < 1 mile northwest of Gerlach, Nevada in Great Boiling Springs Park (Gerlach Hot Springs) >

Field Checked G1 < 7, 9 | 1, 1 > By G2< Bradley , Michael T. >
Yr Mo Last name First Initial

Latitude A70 < 4, 0 | 3, 9 | 4, 5, N > Longitude A80 < 1, 1, 9 | 2, 1 | 5, 7, W >
Deg Min Sec Deg Min Sec

Township A77 < 0, 3, 2, N > Range A78 < 0, 2, 3, E > Section A79 < 1, 0 >
(N)/S (E)/W

(FT)/M

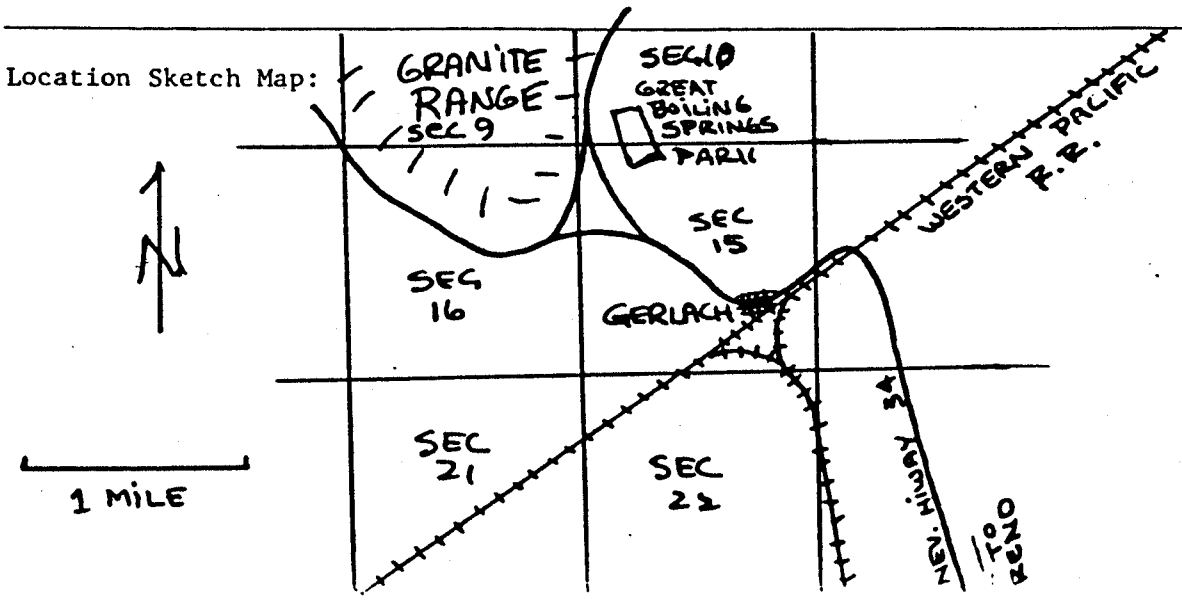
Meridian A81 < Mount Diablo > Altitude A107 < 3960 ft >

Quad Scale A91 < | | 6, 2, 5, 0, 0 > Quad Name A92 < Gerlach, Nevada >
(7½' or (15') quad)

Physiographic Province A63 < 1, 2 | Basin and Range >
(List K)

Location Comments A83 < Orifice No. 29, Page 76, Nev Bur Mines and Geol Bull 91 >

Location Sketch Map:



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URANIUM-OCCURRENCE REPORT

Quad Name Lovelock

Deposit No. 15

Commodities Present:
C10 <U B?>

Commodities Produced:
MAJOR < > COPROD < >

MINOR < > BYPROD < >

Potential Commodities:
POTEN < > OCCUR <U>

Commodity Comments C50 < Uranium is present in siliceous sinter & organic sediments but not in quantity to be economic >

Status of Exploration and Development A20 <1>
(1) = occurrence, 2 = raw prospect, 3 = developed prospect, 4 = producer)

Comments on Exploration and Development L110 < No mining or exploration >

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

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

Description of Workings M220< No workings! >

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

DH2
G7<U> G7A< > G7B<LB> G7C< > G7D< % U3O8>
accuracy thousands of lb. years grade

Source of Information D9 < >

Production Comments D10 < >

Reserves and Potential Resources

EH
E1<U> E1A< > E1B<LB> E1C< > E1D< % U3O8>
accuracy thousands of lb. year of est. grade

Source of Information E7 < >

Comments E8 < >

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URANIUM-OCCURRENCE REPORT

Quad Name Lovelock

Deposit No. 15

Deposit Form/Shape M10 < Tabular >

Length M40 < 40 > M41 < ft > (FT/M)

Width M50 < 5 > M51 < ft >

Thickness M60 < 5 > M61 < ft >

Strike M70 < Horizontal >

Dip M80 < >

Size M15 (circle letter): 1b U308

(A) 0 - 20,000
B 20,000 - 200,000
C 200,000 - 2 million
D 2 million - 20 million
E More than 20 million

Tectonic Setting N15 < Mobile Belt >

Major Regional Structures N5 < Basin and range, central part of eugeosynclinal basin in Nevada. >

Local Structures N70 < On fault trace along east side of granite range >

Host-FM. Name U1 < Recent Lacustrine Sediments Member U2 < >

Host Rock K1 < H,O,L,O (Age) | Dark gray, siliceous sinter formed by precipitation around hot spring pool, and in carbonaceous dark grey to black, soft silty, clay sediments. (Rock type, texture, composition, color, alteration, attitude, geometry, structure, etc.) >

Host-Rock Environment U3 < Lacustrine sediments >
(Sed. dep. environ., metamorphic facies, ign. environ.)

Comments on Associated Rocks U4 < Recent lacustrine sediments bordering black rock playa >

Ore Minerals C30 < >

Gangue Minerals K4 < >

URANIUM-OCCURRENCE REPORT

Quad Name Lovelock

Deposit No. 15

Alteration N75 <

Reductants U5 <

Analytical Data (General) C43 <

Radiometric Data (General) U6 < 700-600 CPS or 7-6 times background, 2 x 10 feet,
(No. times background and dimensions) Mount Sopris

Geometrix MEX 414: TC-129.7, K-7.7, U-4.7, Th.-0.7 100 seconds

Geometrix MEX 415: TC-233.0, K-13.9, U-8.2, Th.-0.9 100 seconds >

Ore Controls K5 < Uranium is associated with siliceous sinter of hot springs deposits, and carbonaceous lake sediments from which the springs occur.

Deposit Class C40 < Magmatic-Hydrothermal > Class No. U7 <3,3,0>

Comments on Geology N85 < One spring of over 68 springs and veins is uraniferous. The plumbing system which separates this anomolous unit from others is unknown.

URANIUM-OCCURRENCE REPORT

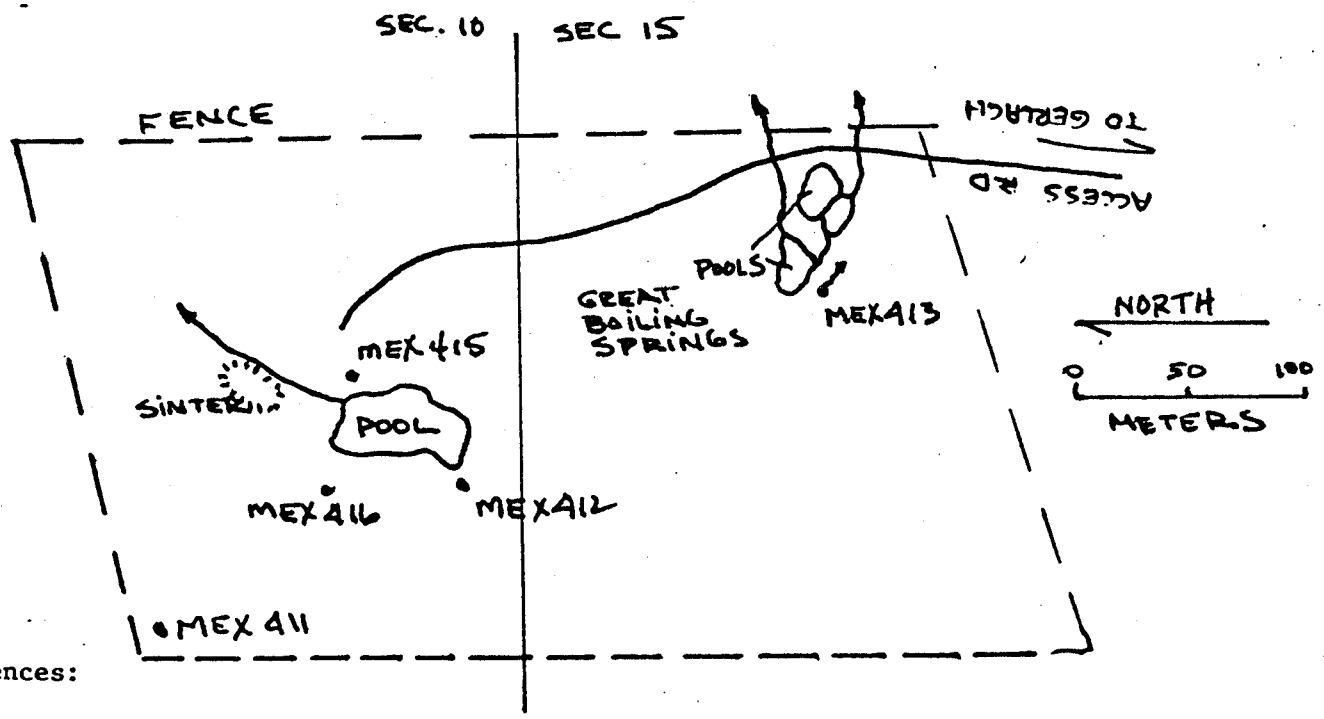
Quad Name Lovelock

Deposit No. 15

Uranium Analyses:

Sample No.	Sample Description	Chem. cU_3O_8 Uranium Analysis (ppm)
MEX 411	Water sample-Orifice #1 Bull #91	0.3 ppb
412	Water sample-Orifice #19 Bull #91	0.3 ppb
413	Water sample-Orifice #48 Bull #91	0.3 ppb
415	Black carbonaceous lake sediments pool rim Orifice #29	1.0 ppm
416	Siliceous mud mud volcano Orifice #16	4.0 ppm

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



References:

F1 < Garside, L. J. and Schilling, J. H., 1979, Thermal Waters of Nevada, Nev Bur Mines and Geol, Bull 91. >

F2 <

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F3 <

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F4 <

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