Deposit Name A10 < Great Boiling Springs Park >
Synonym Name(s) A11 < >
District or Area A30 < Gerlach >
Country A40 < U.S. > State Nevada
State Code A50 < 3, 2 > (Enter code twice from List D) County A60 < Washoe >

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

Field Checked C1 < 7, 9, 1, 1 > By G2 < Bradley, Michael T. >
Yr Mo Last name First Initial

Latitude A70 < 40, 39, 45 >
Deg Min Sec
Longitude A80 < 111, 1, 57 >
Deg Min Sec

Township A77 < 03, 21 > Range A78 < 02, 31 >
NYS B/W

Meridian A81 < Mount Diablo > Altitude A107 < 3960 ft >
Quad Scale A91 < 7 1/2 or 15 >
(7 1/2 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:
Commodities Present:
Cl0 <U, 1B7>

Commodities Produced:
MAJOR COPROD
MINOR BYPROD

Potential Commodities:
PO TEN 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 NED LGE (circle)

DHZ accuracy thousands of lb. years grade
G7 <U> G7A G7B<LB> G7C > G7D <__ Z 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 <__ Z U308>

Source of Information E7 <

Comments E8 <
URANIUM-OCURRENCE

REPORT

Deposit Form/Shape M10 < Tabular

Length M40 < 40 > M41< ft > Size M15 (circle letter):

Width M50 < 5 > M51< ft > 1b U308

 Thickness M60 < 5 > M61< ft >

Strike M70 < Horizontal >

Dip M80 <

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 Sediment Member U2 <

Host Rock K1 (H2O,L,0, , , , | Wl Dark gray, siliceous sinter formed by (Age)

Precipitation around hot spring pool, and in carbonaceous dark grey to black, alteration, attitude, geometry, structure, etc.)

soft silty, clay sediments.

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-OCURRENCE 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 K3 < 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 N35 < One spring of over 68 springs and veins is uraniferous. The plumbing system which separates this anomalous unit from others is unknown.
URANIUM-OCCURRENCE REPORT

Quad Name Lovelock
Deposit No. 15

Uranium Analyses:

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Sample Description</th>
<th>Chem. cU.08 Uranium Analysis (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEX 411</td>
<td>Water sample-Orifice #1 Bull #91</td>
<td>0.3 ppb</td>
</tr>
<tr>
<td>412</td>
<td>Water sample-Orifice #19 Bull #91</td>
<td>0.3 ppb</td>
</tr>
<tr>
<td>413</td>
<td>Water sample-Orifice #48 Bull #91</td>
<td>0.3 ppb</td>
</tr>
<tr>
<td>415</td>
<td>Black carbonaceous lake sediments pool rim Orifice #29</td>
<td>1.0 ppm</td>
</tr>
<tr>
<td>416</td>
<td>Siliceous mud mud volcano Orifice #16</td>
<td>4.0 ppm</td>
</tr>
</tbody>
</table>

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

References:


F2 <

F3 <

F4 <