SUPPLEMENT TO PRELIMINARY RECONNAISSANCE REPORT

SUPPLEMENT NO. 1

EXAMINED BY: B. L. Hartland
DATE OF THIS EXAMINATION: February 7 & 8, 1966

DATE OF THIS REPORT: February 15, 1966

1. SAMPLE DATA

<table>
<thead>
<tr>
<th>SAMPLE</th>
<th>ABNORM</th>
</tr>
</thead>
<tbody>
<tr>
<td>AH326</td>
<td>0.03%</td>
</tr>
<tr>
<td>AH327</td>
<td>0.05%</td>
</tr>
<tr>
<td>AH328</td>
<td>0.06%</td>
</tr>
<tr>
<td>AH329</td>
<td>0.07%</td>
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<tr>
<td>AH330</td>
<td>0.08%</td>
</tr>
<tr>
<td>AH331</td>
<td>0.09%</td>
</tr>
</tbody>
</table>

2. STATE: Idaho  COUNTY: Shoshone

DISTRICT: Yevake
NEAREST TOWN: Kellogg
PROPERTY: Sunshine Mine
LOCATION: Sec 16, T 62N, R 38E

3. OWNER OR OPERATOR: Sunshine Mining Co.
ACCESS: Kellogg, Idaho

4. ADDITIONAL INFORMATION ON MINERALOGY, RADIOACTIVITY, GEOLOGY, MINING, ETC.

The No. 1 S drift along the Silver Syndicate Fault zone on the 3700 level was examined, and an 80-foot zone of slightly radioactive silicic quartzite was noted. Uraninite occurs as very thin veinlets and blebs, associated with pyrite, galena, tetrachloride, and chalcopyrite. These veinlets and blebs occur in lenses usually parallel and within the fault zone. Hematite staining of the vein material is prevalent throughout the area closely associated with the uranium-bearing zones.

Another radioactive zone similar in occurrence and amount of radioactivity was reported on the 1950 level in another area of the mine but could not be examined due to mining activities at that time.

B.O. 0.03 MB/HR - Precision III Scintillator
average 0.02 MB/HR
maximum 0.90 MB/HR

2. TO BE FOLLOWED BY:

ADDITIONAL SUPPLEMENTARY REPORT MEMORANDUM REPORT REVISED REPORT

3. THIS IS FINAL REPORT.