BATTLE MOUNTAIN COPPER BASIN—COPPER

Alternate names: Copper Basin Mine-Duval Corp.

Commodities: Cu, Ag, Au

LOCATION-OWNERSHIP

General location .......... About 10 km southwest of Battle Mountain.
Meridian............... Mount Diablo.
Tract................. Sec. 32, T 32 N, R 44 E.
Latitude............. 40°36'12" N.
Longitude........... 117°02'30" W.

GEOLOGY

Host formation ..... Igneous intrusive.
Geologic age ......... Upper Cretaceous.
Rock relationships ... Quartz monzonite, ore in fractures, gangue.
Size................. Conglomerate, gangue.

DEVELOPMENT

Distance to water supply .... <10 km.
Road requirement ......<50 km.
Distance to power supply ... On-site.
Mill status ......... Active, standby.
Milling method ...... Solvent extraction; electrowinning.
Process rate ....... 5,170/t (18/4) output capacity.
Product type .... Cathode quality copper.

PUBLISHED RESERVES-RESOURCES

<table>
<thead>
<tr>
<th>Class</th>
<th>Quantity</th>
<th>Grade</th>
<th>Year</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1...Measured</td>
<td>948,000 tons</td>
<td>1.49% Cu; 0.027 t oz/ton Au; 0.30 t oz/ton Ag</td>
<td>1978</td>
<td>707</td>
</tr>
<tr>
<td>2...Not reported in reference</td>
<td>3,066,000 tons (mill)</td>
<td>1.75% Cu (sulfide)</td>
<td>1968</td>
<td>606</td>
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<tr>
<td></td>
<td>22,267,000 tons (leach)</td>
<td>0.41% Cu (oxide)</td>
<td>1968</td>
<td>606</td>
</tr>
</tbody>
</table>

REFERENCES

USGS quad maps .......... Winnemucca, 1:250,000
Antler Peak, 15'.
USBM sequence number ... 032015003.
USGS MRDS number ...... M030001.
Min number ............ 2600220.
Principal Deposits of Strategic and Critical Minerals in Nevada

By N. T. Lowe, Russell G. Raney, and John R. Norberg