B & C SPRINGS—MOLYBDENUM

Alternate names: B C Project, B C Well, U.V. Industries Moly Prospect

LOCATION-OWNERSHIP

County .................... Nye.
Mining district .......... Paradise Peak.
Elevation ................. 2,140 m.
Topography .............. Rolling.
Domain .................... Mixed.
Owner ..................... Sharon Steel Corp., Miami Beach, FL (1982).

General location .......... About 75 km northeast of Hawthorne.
Meridian .................. Mount Diablo.
Tract ..................... Sec. 34, T 11 N, R 37 E.
Latitude ................... 38°48'50" N.
Longitude .................. 117°48'06" W.

GEOLOGY

Type of ore body ........... Disseminated; fissure vein.
Origin ..................... Hydrothermal; contact metasomatic.
Shape of ore body .......... Irregular; tabular.
Ore controls ............... Lithology; igneous.
Strike and dip of mineralized zone: N 15° E; 05° E.

Host formation ........... Luning.
Geologic age ............... Upper Triassic.
Rock relationships ...... Limestone, is ore, encloses ore.
Size ....................... Large.

Mineralized zone average dimensions, m:

- Length .................. 1,195.
- Width ................... 465.
- Thickness ............... 51.
- Depth ................... 172.

Mineral names: Molybdenite, chalcopyrite, pyrite, tetrahedrite, sphalerite, covellite, magnetite, calcite, dolomite, quartz.

DEVELOPMENT

Current status .......... Active-explored prospect.
Year of discovery ......... 1968.
Discovery method ......... Geophysical anomaly.

Distance to water supply .... On-site.
Road requirement .......... <50 km.
Distance to power supply ... <50 km.

PUBLISHED RESERVES-RESOURCES

Class  Quantity  Grade  Year  Reference
1...Not reported in reference ...... 131,000,000 t  0.12% Mo  1983  710

REFERENCES

USGS quad maps .......... Tonopah, 1:250,000.
Paradise Peak, 7.5'.
USBM sequence number .... 0520230678.
Principal Deposits of Strategic and Critical Minerals in Nevada

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