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ITEM 14

HARD LUCK-PRADIER—ANTIMONY

Alternate names: Pradier, Romano, Big Creek

Commodities: Sb, Ag

LOCATION-OWNERSHIP

County Lander.
Mining district Big Creek.
Elevation 2,804 m.
Topography Rugged.

General location About 22 km south of Austin.
Meridian Mount Diablo.
Tract Sec. 27, T 17 N, R 43 E.
Latitude 39°18'17" N.
Longitude 117°07'57" W.

Owner Big Creek Mining and Milling Co., Austin, NV (1958).

GEOLOGY

Type of ore body Silicified fault breccia.
Origin Hydrothermal.
Shape of ore body Tabular, podlike.
Ore controls Faulting.
Strike and dip of mineralized zone. N 20° W: flat lying.
Mineral names Stibnite, malachite, tetrahedrite, azurite.

Host formation Valmy.
Geologic age Ordovician.
Rock relationships Shale, encloses ore.
Slate, encloses ore.
Size Small.

DEVELOPMENT

Current status Inactive-past producer.
Type of operation Underground, surface.
Mining method Unknown.
Year of discovery Prior to 1936.
Discovery method Ore mineral in place.

Distance to water supply ... <10 km.
Road requirement <50 km.
Distance to power supply ... <50 km.
Mill location No mill.

Initial production About 1936.
Last production 1958.
Past production 68 t Sb metal (376).

PUBLISHED RESERVES-RESOURCES

No published reserve-resource information.

REFERENCES

376, 693.

USGS quad maps Millett, 1:250,000.
Austin, 15'.
USBM sequence number 0320150193.

Comments: Stibnite occurs as blebs, small pods, and single crystals.

Information Circular 9035

Principal Deposits of Strategic and Critical Minerals in Nevada

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



UNITED STATES DEPARTMENT OF THE INTERIOR
Donald Paul Hodel, Secretary

BUREAU OF MINES
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