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ITEM 11

ANTIMONY KING—ANTIMONY

Alternate names: Last Chance, Pine, Dry Canyon, Big Creek, Stokes, Mammoth, Mountain View, Commodore, Confidence

Commodities: Sb

LOCATION-OWNERSHIP

County Lander.
Mining district Big Creek.
Elevation 2,682 m.
Topography Rugged.
Domain Mixed.

Owner Donald Colson (1984).
Lessee FMC Corp., Reno, NV (1984).

General location About 12 km southwest of Austin.
Meridian Mount Diablo.
Tract Sec. 28, T 18 N, R 43 E.
Latitude 39°23'27" N.
Longitude 117°06'08" W.

GEOLOGY

Type of ore body Shear zone; fracture zone.
Origin Hydrothermal.
Shape of ore body Tabular.
Ore controls Faulting; fracturing.
Strike and dip of mineralized zone. N 55° W: 55° W.
Mineralized zone average dimensions, m:
Length 200.
Width 40.
Thickness 2.
Depth 0.
Mineral names Stibnite, pyrite.

Host formation Valmy.
Geologic age Ordovician.
Rock relationships Shale, encloses ore.
Limestone, encloses ore.
Sandstone, near ore.
Chert, near ore.
Siltstone, near ore.
Size Small.

DEVELOPMENT

Current status Inactive-past producer.
Type of operation Underground.

Year of discovery 1890.
Discovery method Ore mineral in place.

Initial production 1907.
Last production 1970.
Past production 454 t Sb metal (376).

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

PUBLISHED RESERVES-RESOURCES

No published reserve-resource information.

REFERENCES

376, 693.

USGS quad maps Millett, 1:250,000.
Austin, 15'.
USBM sequence number 0320150034.

Comments: Some production apparently combined with or reported as output from the Dry Canyon antimony mine.

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
Robert C. Horton, Director