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## SUTHERLAND—ANTIMONY

ITEM 4

Alternate names: Reid, Salvation, Kermesite, Thies-Hutchins

Commodities: Sb

## LOCATION-OWNERSHIP

County ..... Pershing.  
Mining district ..... Block Knob.  
Elevation ..... 1,603 m.  
Topography ..... Rugged.  
Domain ..... Private.

General location ..... About 19 km east of Lovelock.  
Meridian ..... Mount Diablo.  
Tract ..... Sec. 15, T 27 N, R 33 E.  
Latitude ..... 40°12'45" N.  
Longitude ..... 118°15'35" W.

Owner-operator ..... Saga Exploration Co., Winnemucca, NV (1976).

## GEOLOGY

Type of ore body ..... Fault fissure.  
Origin ..... Hydrothermal.  
Shape of ore body ..... Tabular.  
Ore controls ..... Faulting, fracturing.  
Strike and dip of mineralized zone. Northwest: 80° W to 80° E.  
Mineralized zone average dimensions, m:  
Length ..... 150.  
Width ..... 75.  
Thickness ..... 1.  
Depth ..... 0.  
Mineral names ..... Stibnite.

Host formation ..... Possible Auld Lang Syne Group.  
Geologic ages ..... Triassic.  
Jurassic.  
Rock relationships ..... Sandstone, encloses ore.  
Shale, near ore.  
Limestone, encloses ore.  
Size ..... Small.

## DEVELOPMENT

Current status ..... Inactive-past producer.  
Type of operation ..... Underground.  
Year of discovery ..... Unknown—prior to 1870.  
Discovery method ..... Ore mineral in place.

Distance to water supply ... <50 km.  
Road requirement ..... None.  
Distance to power supply ... <50 km.  
Mill location ..... No mill.

Initial production ..... 1870.  
Last production ..... 1975.  
Past production ..... 1,542 t Sb metal (376).

## PUBLISHED RESERVES-RESOURCES

No published reserve-resource information.

## REFERENCES

329, 376, 683, 718.

USGS quad maps ..... Lovelock, 1:250,000.  
USBM sequence number ..... Lovelock, 15'.  
USGS MRDS number ..... 0320270355.  
Mid number ..... M060406.  
2600544.

Comments: Sutherland Mine is reported to have been the largest antimony producer in Nevada. Most of the production was during World War I.



**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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