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ITEM 8

GOOSEBERRY—SILVER

Alternate names: Gooseberry Claims, Red Top Claims

Commodities: Ag, Au

LOCATION-OWNERSHIP

County	Storey.	General location	About 24 km east of Reno.
Mining district	Unorganized Ramsey	Meridian	Mount Diablo.
Elevation	1,646 m.	Tract	Sec. 25, T 19 N, R 22 E.
Topography	Rugged.	Latitude	39°29'03" N.
Domain	Mixed, private (patented claims); BLM administered (unpatented claims).	Longitude	119°27'52" W.

Owner-operator ..... Asamera Minerals (U.S.), Inc., Reno, NV (subsidiary of Asamera, Inc., Calgary, AB, Canada), 75% (1984).
Owner ..... Ican Resources Ltd., Vancouver, BC, Canada, 25% (1984).

GEOLOGY

Type of ore body	Fissure vein, shear zone, disseminated.	Host formation	Kate Peak.
Origin	Hydrothermal.	Geologic age	Miocene.
Shape of ore body	Tabular.	Rock relationships	Dacite porphyry, ore in veins and fractures, gangue.
Ore controls	Faulting, fracturing.		Rhyodacite, ore in veins and fractures, gangue.
Strike and dip of mineralized zone.	N 20° W: 80° S.		Flow breccia, near ore.
Age of mineralization	Tertiary.		Calcite-quartz-adularia vein, contains ore, gangue.
Vein average dimensions, m:			Granodiorite, near ore.
Length	>900.	Alteration	Propylitic, argillic.
Width	>440 (downdip).	Size	Small.
Thickness	2.5.		
Mineral names	Electrum, argentite, native gold and silver, pyrite, stephanite, minor galena, chalcopyrite, sphalerite, calcite, quartz, adularia.		

DEVELOPMENT

Current status	Active-producer.[1]	Distance to water supply	11 km, pumped from river.
Type of operation	Underground.	Road requirement	Existing.
Mining method	Cut-and-fill stoping (by yearend 1983, 25% of mill feed will be drawn by shrinkage stoping).	Distance to power supply	On-site.
		Mill location	On-site.
		Mill status	Active.
		Milling method	Flotation, cyanidation of concentrate, Merrill-Crowe zinc dust precipitation.
Year of discovery	1906.	Process rate	320 t/d.
Discovery method	Surface outcrop.	Product type	Pb, Ag, Au precipitate.
Initial production	1976, by Westcoast Oil and Gas Corp.; 1983, by Asamera.	Destination	Englehard Industries, Los Angeles, CA.
Last production	1981, Westcoast Oil and Gas Corp.; Asamera currently producing in 1985.		
Past production	15,551 kg Ag (1980) (*165*). 4,959 kg Ag (1981) (*165*). 9,528.7 kg Ag, 216.7 kg Au (1983) (*172*).		

PUBLISHED RESERVES-RESOURCES

Class	*Quantity*	*Grade*	*Year*	*Reference*
1..Proven and probable	607,000 tons	9.73 tr oz/ton Ag; 0.23 tr oz/ton Au	1983	101
Possible	730,000 tons			
2..Reserves	500,000 tons	9 tr oz/ton Ag; 0.25 tr oz/ton Au	1984	537
3..Proven and probable	561,300 tons	10.18 tr oz/ton Ag; 0.26 tr oz/ton Au	1984	504

REFERENCES

66, 90, 101, 165, 172, 378, 412, 470, 504, 528, 537, 597, 607, 695, 783.

USGS quad maps ..... Reno, 1:250,000.
Churchill Butte, 15'.
USBM sequence number ..... 0320290018.
Mid number ..... 2600249.

Comments: Asamera is considering installation of an on-site plant to produce dore bullion from the precipitate. In 1982, Asamera acquired the property from Scurry-Rainbow (subsidiary of Westcoast Oil and Gas Corp.), which had been operating the Gooseberry.

[1]Gooseberry production was suspended in February 1985 because of depressed metal prices. Exploration and development was reported to continue during the suspension.

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
Robert C. Horton, Director