

BLUE STAR—GOLD

Alternate names: Number 8, South Pit, East Pit, North Pit

1070 m

Commodities: Au, turquoise

LOCATION-OWNERSHIP

CALIBRAS ESTADOR

County Mining district Elevation Topography Domain	Lynn. 1,830 m. Hilly.	erro kraselek Prosekt Astronom Konsektor	General location	Mount Diablo. Sec. 4, T 35 N, R 50 E. 40°56'35" N.	f Carlin.
		and the second s			

Owner-operator	Carlin Gold Mining Co., Carlin, NV (subsidiary of Newmont Mining Corp., New York, NY) (1984).					
	•					
Strike and dip of mineralized zone. Age of mineralization	Hydrothermal. Irregular in plan. Faulting; fracturing; lithology. Northwest: unknown. Miocene (37.5 million yr). 365. 200. 90. 90. Quartz, clays, sericite, kaolinite, algar, orpiment, stibnite, cinnabar, hrysocolla, malachite, euchroite,	Geologic age	Sandy siltstone, ore in fractures, gangue, most favored host. Cherty shale, adjacent to ore. Quartzite sandstone, contains som ore. Limestone, dolomitic limestone, sandy calcareous siltstone, benerore. Dacite porphyry dikes, near ore. Quartz diorite plug, about 3 km north. Jasperoid, near ore.			

	DEVELO	PMENT	grand francis
Current status	Active-producer (intermittent). Surface.	Road requirement	8-km access road to Carlin Mine built in 1974.
Mining method	Gold Mining Co. began in 1974 and	Mill location	Mill grade trucked 8 km to Carlin mill.
Year of discovery	consists of 3 pits. 1959 (first claimed for turquoise	Mill status	Active. Agitated cyanide leach, CCD; oxidation-chlorination pretreatment
Discovery method	in 1929). Unknown.		for carbonaceous ore; CCD wash; Merrill-Crowe zinc precipitation,
	Ongoing 1983.	Product type	smelting. Dore bars, weighing about 34 kg.

PUBLISHED RESERVES-RESOURCES

Class	Quantity		Grade		Reference	
1Not reported in reference ¹	1,800,000 tons	0.12 tr oz/ton Au	as a social	1974	517	
		REFERENCES				
59, 61, 90, 132, 182, 183, 319, 398, 458, 505, 517, 570, 593, 616.		USGS qu	ad maps			
		USBM se Mid numl	quence number	Rodeo Creek N 0320110166. 2600500.	E, 7.5°.	
Comments: This property was initial	lly developed for its high-	quality turquoise. In 1968	B, Newmont Mining Corp. a	couired property	and subsequent	

drilling defined 3 ore bodies (South, East, North) with reserves described above.

Resource referred to as reserves.

Principal Deposits of Strategic and Critical Minerals in Nevada

1889 restault film recessions filmannes to the caster.

Marianian J. M. aunt

Principal designated of acroscopic and relative District of the field the agree of

finingmand carrolled Charces Reach Department of the latter of the latter of the latter of

Sunt of Someth Cartes of the Country

S. Greekergericheranden in Sementie undereinfo-dereinfolgeren Russell in II. Serven in der di. M. Tide. W. Seierz bekennenen ekendar Koner intere innere eldere Beier

BORNOWS ERECTOR A SERVICE AND A STORY NO.



UNITED STATES DEPARTMENT OF THE INTERIOR

Donald Paul Hodel, Secretary

BUREAU OF MINES

Robert C. Horton, Director