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Arizona Department of Mines and Mineral Resources Mining Collection

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05/11/87

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: SILVER SPUR

ALTERNATE NAMES:

LA PAZ COUNTY MILS NUMBER: 195

LOCATION: TOWNSHIP 3 N RANGE 18 W SECTION 9 QUARTER S2
LATITUDE: N 33DEG 36MIN 41SEC LONGITUDE: W 114DEG 07MIN 20SEC
TOPO MAP NAME: QUARTZSITE - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:
COPPER OXIDE
SILVER

BIBLIOGRAPHY:
AZBM FILE DATA
ADMMR SILVER SPUR FILE

PAUL BAUER 9-10-59
LAS

New address:

Adams Street,
Wickenburg, Ariz.

SILVER SPUR

YUMA COUNTY

MG WR 1/18/85: The old Silver Spur (Frijole) property in Pima County is owned by Anamax Mining Company.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Silver Spur

Date 1-8-57

District Plomosa District, Yuma County

Engineer Lewis A. Smith

Subject: Mine Visit

Location: Sec. 9, T. 3 N., R. 18 W. -- 7 miles SE of Quartzsite. Nearest railhead is at Hope 39 miles by road to the east.

Property: 1 unpatented claim

Owners: Paul Bauer and E. L. Nichols, Quartzsite, Arizona.

Principal Minerals: Copper (chrysocolla) and a little silver.

Work: Two 10' location shafts about 100' apart, and some trenches of variable dimensions.

Topography: The deposit lies on a low ridge which occupies the east half of a basin at the base of the Plomosa Mountains. The basin is horseshoe shaped and has apparently formed within the mineralized area. The streams converge near the southwest edge and the basin is bordered on the west, north and east by sharply rising ridges.

Geology: The area consists of schists which appear to have been derived from inter-stratified sediments and volcanics. They vary greatly in bed thickness and density. The thinner beds appear to mineralize more readily than the thicker ones. The laminae are poorly defined, but generally trend N 70° to 80° W and dip NE. This is characteristic of the dips and trends in this portion of the Plomosa Mountains.) The schist has been closely fractured by a NE-SW trending shear zone which extends for several miles to the NE. It crosses the Humdinger, Coiner, Splicer and Gold Nuggett mines further to the northeast. The copper mineralization largely is confined to the fractures and laminae. The thicker beds (probably originally composed of sheeted volcanics) have very little disseminated copper, ^{while} the thinner beds (probably originally composed of sediments) are more evenly mineralized and carry better copper values. In a few places distorted dikes cross the area. Their weathered characteristics indicate basic material, but alteration has been too great for field determination of their original character. Since they were also sheared prior to mineralization, it is believed that they had no part of this mineralization. Accessory minerals include epidote, chlorite, and meager paint coats of iron oxides. The oxidized capping, which is very meager, shows no definite indications. However, the absence of iron oxides probably would preclude hope of notable enrichment. Also, since the chrysocolla is widespread and is the main oxide mineral, it is possible that, like Ajo, the hypogene sulphides could be of about the same value as the oxidized material. Therefore, it was suggested that drilling or deeper exploration would be required to determine the property's potential. The few samples taken show that the mineralized zones range from 0.5 to 1.4% copper, but it generally runs 0.85% Cu. These are very limited in extent.

DEPARTMENT OF MINERAL RESOURCES

State of Arizona

MINE OWNER'S REPORT

Date 1-8-59

1. Mine: Silver Spur
2. Location: Sec. 9 Twp. 3N Range 18W Nearest Town Quartzsite Distance 7 miles
Direction NW Nearest R.R. Hope Distance 39
Road Conditions Poor
3. Mining District and County: Plomosa, Yuma Co.
4. Former Name of Mine: None
5. Owner: E.L. Nichols & Paul Bauer
Address: (Paul Bauer), Quartzsite
6. Operator:
Address:
7. Principal Minerals: Copper, some silver (chrysocolla + little malachite)
8. Number of Claims: Lode 1 Patented Unpatented
Placer Patented Unpatented
9. Type of Surrounding Terrain: Broken, but relatively flat area along west side Plomosa Mts. and occupying a basin which may have been formed softening of the rock within the mineralized area.
10. Geology and Mineralization: The country rock consists of indurated schists (apparently partly derived from volcanics and partly from sediments). The schistosity trends N 70-80W but varies greatly in local areas. Shear zone crosses the schist laminae in NE-SW direction. Laminae widths vary greatly in certain bands. Chrysocolla^{is} on rock fractures in close approximation to shear breaks, extending out along laminae. The bulk of the chrysocolla is on fracture planes, but in the more concentrated areas, is locally disseminated in the rock.
11. Dimension and Value of Ore Body: Unknown
Present development work is insufficient to indicate how much ore is present. The more concentrated areas run 1.85% Cu while the wider^{general} samples show 0.5 to 0.85% Cu.

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective lessors or buyers.

(over)

12. Ore "Blocked Out" or "In Sight": Unknown (but surface showings indicate a few hundred tons)

Ore Probable: Considerable along shears but low grade.

13. Mine Workings—Amount and Condition: Good

No.	Feet	Condition
Shafts. <u>2</u>	<u>10'</u>	<u>good condition</u>
Raises.		
Tunnels.		
Crosscuts.		
Stopes.		

14. Water Supply: Meager

15. Brief History: New

16. Remarks: Exposures are somewhat erratic but consistency of mineralization in depth could only be determined by deep penetration either by shaft or drill holes. Absence of iron oxides may indicate a lack of enrichment, but would not preclude primary mineralization (deeper)

17. If Property for Sale, List Approximate Price and Terms: Lease on royalty basis.

18. Signature: E. L. Nichols

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