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07/20/88

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: DELAWARE GROUP

ALTERNATE NAMES:

PATENTED CLAIMS MS 4024

YAVAPAI COUNTY MILS NUMBER: 362B

LOCATION: TOWNSHIP 8 N RANGE 3 W SECTION 3 QUARTER S2
LATITUDE: N 34DEG 03MIN 32SEC LONGITUDE: W 112DEG 33MIN 38SEC
TOPO MAP NAME: MORGAN BUTTE - 7.5 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

COPPER
GOLD
SILVER

BIBLIOGRAPHY:

BLM MINING DISTRICT MAP 255
ADMMR DELAWARE GROUP FILE
CLAIMS EXTEND INTO SEC. 4 & 10

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Delaware Group (listed below)

Date November 26, 1957

District Morristown District Yavapai Co.

Engineer Lewis A. Smith

Subject: Conference Report

Delaware Group (comprising the following claims)

Gray Eagle, Morning Star, Delaware, Little Johnnie, S-J, Elizabeth, Rising Sun, Jack Pot, Hill Top, Jinny Lynn, Gold Pod, Red Bird, and Spring Clown.

NE (almost E)

Location: 12 miles SE of Wickenburg, Sec. 4,3,9,10, T8N, R3W

Agent: Dr. P. D. Hesse, 105 North Cortez Street, Prescott, Arizona
Telephone 2345 W

Development; 2 - 65 foot shafts - and several cuts.

Deposit: The area is composed of two ovate gossan zones, which are weakly connected at the surface. The gossan, as indicated by the shafts, is about 60 feet deep and this is underlain by enriched copper ore. This ore consists of pyrite, in stringers, coated by covellite and chalcocite. Some specks of chalcopyrite still remain, but this mineral is, to a large degree, eliminated. This material assays between 2% and 4% Copper and carries a little gold and silver. The country rock is highly altered and may be either diorite or monzonite. The capping, examined by Lewis A. Smith, indicated sufficient enrichment characteristics, to warrant further exploration. One gossan area was estimated to be 1000 feet on the long axis, and the other is 800 feet on the long axis. Both show much indigenous limonite and part of this was "relief" limonite. Chlorifization was extensive in the country rock. The absence of appreciable green copper minerals is indicative of a more, or less, neutral gangue.

The mine elevation is about 3400 or about 800 feet above the Upper Pliocene-Pleistocene Lake Beds to the east and south.

Dr. Hesse was referred to the Large Copper Companies.