

Taken from NBMG 81-4
(1981)

See also 81-3 for
geochemical results.

(82)

From 1

5280 0001

White Horse

The White Horse district covers that portion of the southern Goshute Range south of White Horse Pass. The properties are mainly west and south of White Horse Mountain, and are located in the contact zone of a large granitic mass which forms the southwest portion of the mountain. Small patches of tactite occurring on the northwest contact zone have been mined for tungsten. On the south, near the southern intrusive contact, a massive, black jasperoid zone has formed in brecciated limestone and shale. The structure trends N80°E, is twenty or more feet across in outcrop, and is iron- and manganese-stained. Many old, small prospect pits along strike show evidence of prospecting in the past. Several new claim blocks cover the jasperoid and area of alluvial cover to the south.

One geochemical sample taken from the jasperoid area was high in arsenic, antimony, and silver. Another was high in lead-zinc-silver. The tungsten skarn to the west contained high values in tin, as well as tungsten.

Selected References:

Hill, J. E. (1916) Notes on Some Mining Districts in Eastern Nevada.

U.S. Geol. Survey Bull. 648.

Smith, R. M. (1976) Mineral Resources of Elko County, Nevada.

U.S. Geol. Survey Open-file Report 76-56.

PROPERTY NAME: Blue Claims
OTHER NAMES: _____
MINERAL COMMODITY(IES): Unknown
TYPE OF DEPOSIT: Fault Zone

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: Unknown

HISTORY: _____

County: Elko
Mining District: White Horse
AMS Sheet: Elko
Quad Sheet: Ferguson Spring 3 NE
Orthophoto

Sec. _____, T 28N, R 68E

Coordinate (UTM):

North 4 4 5 8 3 5 0 m
East 0 7 3 0 0 4 0 m
Zone +11

DEVELOPMENT: Shaft small cuts and prospect pits.

ACTIVITY AT TIME OF EXAMINATION: None (recent claim staking)

GEOLOGY: Shaft sunk on steep fault (N45 W, 65 NE dip) fault in fine-grained intrusive, hematite staining, rock on dump contains clots of greenish sericite. Dark silicified shales to south of intrusive contact, contact brecciated, massive black jasperoid along contact, some silica veining. Major structure follows intrusive - shale contact to SE, limestone on contact to SE, altered to fine-grained, sugary marble, FeOx stained and MnO clots, zone of massive white jasperoid (fine-grained quartzite?) faint pink stain along fractures, some vugs lined up with tiny quartz crystals.

Samples 077
258
350

Photos

REMARKS: _____

REFERENCES: _____

EXAMINER: J.V. Tingley

DATE VISITED: 8/8/80

PROPERTY NAME: SH Claim Area

OTHER NAMES: _____

MINERAL COMMODITY(IES): _____

TYPE OF DEPOSIT: Intrusive Contact/Shear Zone

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: Unknown

HISTORY: _____

County: Elko

Mining District: White Horse

AMS Sheet: Elko

Quad Sheet: Ferguson Spring 3 NE
Orthophoto

Sec. _____, T _____, R _____

Coordinate (UTM):

North 4 4 5 8 4 2 0 m

East 0 7 3 0 8 9 0 m

Zone +11

DEVELOPMENT: Old prospect pits, adit.

ACTIVITY AT TIME OF EXAMINATION: Recent claim staking

GEOLOGY: Fault zone, breccia zone on fault with FeOx MnO brown & black jasper, large blocks of red-stained limestone in breccia, N80°E fault, 60°SE dip.

Sample 259

Photo

REMARKS: _____

REFERENCES: _____

EXAMINER: J.V. Tingley

DATE VISITED: 8/8/80

PROPERTY NAME: Rasta Claims

OTHER NAMES: _____

MINERAL COMMODITY(IES): Unknown

TYPE OF DEPOSIT: Fault zone/Intrusive Contact

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: None

HISTORY: _____

County: Elko

Mining District: White Horse

AMS Sheet: Elko

Quad Sheet: Ferguson Spring 3 NE

White Horse Pass 7 1/2'

Sec. 25,26 T 38N 28N R 68E

Coordinate (UTM):

North m

East m

Zone

DEVELOPMENT: None

ACTIVITY AT TIME OF EXAMINATION: Claim staking

GEOLOGY: Claims cover eastward extension of Jasperoid zone on contact sun in "Blue" and "SH" area to west.

Staked July 30, 1980
Al Holmes and Associate
7135 Federal Bldg.
Denver, CO

REMARKS: _____

REFERENCES: _____

EXAMINER: J.V. Tingley

DATE VISITED: 8/8/80

PROPERTY NAME: Kathleen Claim
OTHER NAMES: Epidote Claim
MINERAL COMMODITY(IES): WO₃, Mo
TYPE OF DEPOSIT: Intrusive Contact

ACCESSIBILITY: _____

OWNERSHIP: _____

PRODUCTION: _____

HISTORY: _____

County: Elko
Mining District: White Horse
AMS Sheet: Elko
Quad Sheet: Ferguson Springs 2 SE
Orthophoto

Sec. _____, T 28N, R 68E

Coordinate (UTM):

North 4 4 6 2 0 8 0 m

East 0 7 3 1 3 6 0 m

Zone +11

DEVELOPMENT: Cuts on contact

ACTIVITY AT TIME OF EXAMINATION: None

GEOLOGY: Lense of crystalline garnet tactite with chlorite, epidote, calcite. Lense cross-cuts bedding, is along N10°W, 55° SW-dipping shear zone, garnet has clots specular hematite, near contact, endo-skarn, 7'-3' thick has formed intrusive near contact.

Limestone section and tactite strike N40°E, dip 25° NW of southern most pit, Limestone above tactite is light grey, sugary texture, bleached in spots.

Samples 054 (tactite)
055 (intrusive)
349

Photos

REMARKS: _____

REFERENCES: _____

EXAMINER: J.V. Tingley

DATE VISITED: 8/8/80