

2120 0022
PROPERTY NAME: Willcox Tungsten Prospect

OTHER NAMES:

MINERAL COMMODITY(IES): W?, Cu

TYPE OF DEPOSIT: Skarn

ACCESSIBILITY:

OWNERSHIP:

PRODUCTION:

HISTORY:

County: Humboldt

Mining District: Gold Run

AMS Sheet: Winnemucca

Quad Sheet: Goldrun Creek 7 1/2'

N/2

Sec. 22, T 34N, R 40E

Coordinate (UTM):

North 4 5 1 7 3 3 5 m

East 0 4 6 1 1 6 7 5 m

Zone 11

DEVELOPMENT: Several open cuts; prospect pits for 1km along an east-west zone.

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Pyrite, chalcopyrite, magnetite and reportedly scheelite occur in an exoskarn developed in Pennsylvanian-Permian Edna Mountain Formation limestone. A skarn zone up to 30 m wide is present at the main open cut; however, the sulfide minerals and possibly scheelite appear to be concentrated in a 1m zone about 25m from the intrusive contact with medium-grained granodiorite. The limestone is converted to marble; tremolite is locally developed. In the silicated zone, the minerals consist of honey-yellow to nearly black garnet, diopside and quartz. Oxide minerals include limonite and oxide copper minerals. All the prospects along this zone seem to be in N/2 S22, T34N, R40E. The intrusive contact and skarn zone trend east-west; the intrusive rock is exposed to the north. Small specks of scheelite were observed in sample 500, with a black light.

REMARKS: Sample 500 is grab material from a dump. Photo LG 841-13 is of the main workings.

REFERENCES: Willden, R. (1964) Geology and Mineral Resources of Humboldt County, Nevada: Nevada Bureau of Mines and Geology Bulletin 59.

EXAMINER: L.J. Garside

DATE VISITED: 21 Jun 84