

2210 0003

Lincoln Co. General

PROPERTY NAME: MacBruson Claims

County: Lincoln Item 36

OTHER NAMES:

Mining District: Gourd Springs

MINERAL COMMODITY(IES): Mo, W,

AMS Sheet: Caliente

TYPE OF DEPOSIT: Skarn

Quad Sheet: Davidson Peak 7 1/2'

ACCESSIBILITY: See map, road fair

Sec. 4? T 12S R 69E

OWNERSHIP: Unknown

Coordinate (UTM):

North 4 0 9 0 2 7 5 m

East 0 7 4 1 7 0 0 m

Zone +11

PRODUCTION: Small to none

HISTORY: Intermittent exploration/1920's, 1941 tungsten exploration.

DEVELOPMENT: Remains of stone cabins, old haulage roads, minor prospect pits, no underground workings noted (nothing to show any production).

ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: Minor workings explore Precambrian (?) quartz tourmaline pegmatite dikes intruding Precambrian amphibolites. Overlying the Precambrian rocks is a prominent thrust sheet of Late Paleozoic carbonate rocks. The pegmatite dikes have intruded the amphibolite in such a way as to produce a bedded appearance of alternating light pegmatite and dark amphibolites. Black Tourmaline crystals up to 2 inches along with rose quartz\* occur in the massive quartz pegmatite. The metamorphics are fine-grained, dark greenish-black composed primarily of amphibole and other mafic metamorphic minerals. Associated with the intrusive are skarn zones composed of anhedral to subhedral andradite garnet intergrown with green to brown epidote and idocrase, along with clots and stringers scheelite and powellite in the skarn. Quartz pegmatite also carries fine sprays and clots of molybdenum and oxidized pyrite crystals. Late stage opaline silica coats rocks. Garnetiferous phyllite/schist in float. Intrusive dikes dip 30° NW, strike estimated N30E is intensely fractured and crushed at exposed base (or lowest unit).

\*Muscovite, green micas, and intergrown watermelon tourmaline(?) (arrangement of pink and green minerals suggest watermelon, but can't stab with certainty).

REMARKS: Sample Site 1449 4090275 N 0741700E  
1450 4090280 N 0741685E

REFERENCES: NBMG Bulletin 73

EXAMINER: Smith/Bentz

DATE VISITED: 8/29/83