

Unnamed Property Quartz

Baker County

Operators: Deserted.
R9S, R37E, Sec. 34

Location: About 2 miles SE of Sumpter.

Area: Unknown

History: Unknown

Equipment: No equipment.

Description: Entrances badly caved. Both tunnels in a decomposing granitic dike very soft and friable. Even grained quartz, medium size; feldspars altered to kaolin. Biotite present. Both tunnels cut by numerous quartz stringers from 1" to 12" in width. Some resemble pegmatitic quartz while others contain much iron oxide. Fracturing and slight faulting is evident after quartz deposition.

Geology: The dike is located in serpentine area, but immediate vicinity is obscured by dense jack pines and heavy soil, no outcrops. However, dike trends toward Golden Chariot Claims, which are understood are in limestone and small amounts of argillite. No scheelite present in any of the stringers. I believe that this dike should be investigated more thoroughly and further prospecting be done in more likely areas, as and when surface conditions permit.

Informant: A. V. Quine

QUARTZ PROPERTY

This property investigated during course of search for Tungsten ore near Sumpter.

1. Name of property Unnamed Property
Operating company (or individual) - Deserted -
Address T9S R37E - Sec. 34
Location of property About 2 mi. ~~from~~ SE of Sumpter.
Acreage of holdings _____

2. History of property, past and recent:

Unknown

3. History of production:

None

4. Development: Number of levels, lengths of drifts and cross-cuts, raises, etc.:

Two Tunnels - #1 - N70W - 60' to brst. - Tunnel #2 - Located N20E - 60' from portal #1 - N15W ~~to~~ 30' to Bend, thence N65W to Brst. (12' to 20' wide) (66' to Drift - N20E - 55')

5. General description and equipment on hand, topography, country rocks, elevation, timber, water, snow fall, climate, power, etc.

Entrances badly caved - Both tunnels in a decomposing granitic dike (?) - very soft & friable - even grained - gtz. grains medium size - Feldspars altered to Kaolin - Biotite present. Both tunnels cut by numerous gtz. stringers from 1" to 12" in width - some ~~are~~ resemble pegmatitic gtz. while others contain much iron oxide. Fracturing & slight faulting (1'-2' throw) is evident after gtz. ~~in~~ deposition.

6. Geology - General and local. Ore geology - type of deposit, i.e., vein, mineralized zone, bed; contact relations, attitude and orientation, vein minerals, gangue, type of mineralization, alteration, enrichment, etc.

The dike (?) is located in serpentine area - but immediate vicinity is obscured by dense Jackpines & heavy soil - no outcrops. However, dike trends toward Golden Chariot Claims which are understood are in limestone & small amounts of argillite. No scheelite present in any of the stringers. I believe that this dike (?) should be investigated more thoroughly & further prospecting be done in more likely area, as soon as surface conditions permit.

7. Metallurgy - nature of ore, hard or soft, free-milling, base, direct shipping, etc. Kind of mill and equipment in use or planned, current daily tonnage of ore or concentrates, approximate value, freight rates to smelter, etc.

Samples: #1 - Tunnel #2 - Drift Intersection - 2' wide - mixture of broken quartz & vein filling. Au .01 Ag .04.
#2 - Tunnel #2 - 6" gtz. vein - midway between 1st bend & drift. Au Ir Ag 0.5.
#3 - Tunnel #1 - 1' gtz. heavy with iron oxides - open cut 10' E. of portal - Au Ir - Ag .25

8. Remarks - economics: High or low cost, principal drawbacks, reasons for success or failure, apparent life of operation based on apparent quantity of ore available.

Albert V. Guine
Mineralogist