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 numberous 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: T 9 S R 37 E Sec. 34
   Location of property: About 2 mi. SE of Sumpter.

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.
   Tunnel #1: N 79 W - 60' to brisk.
   Tunnel #2: Located N 20 W - 60' from portal. N 10 E to brisk. Thence N 6 W to brisk. (15' to 20' WNW) (65' to drift N 30 E 55')

5. General description and equipment on hand, topography, country rocks, elevation, timber, water, snow fall, climate, power, etc.
   Entrances badly caustic. Both tunnels in a decomposing granitic gneiss. Very soft and friable. Ore: gneiss gneiss medium size, feldspars altered to kaolin. Biotite present. Both tunnel cut by numerous gneiss stringers from 1" to 12" in width. Some resemble pegmatitic gneiss, while others contain much iron oxide. Fracturing and slight faulting (1'-2' throw) is evident along gneiss stringers. 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 gneiss (1) is located in serpentine area. But immediate vicinity is obscured by dense jackpines and heavy soil - no outcrops. However, gneiss trends toward Golden Chantilly Claims, which are understood are in limestone + small amounts of argillite. No scheelite present in any of the stringers. I believe that this gneiss should be investigated more thoroughly and further prospecting be done in more likely area, as when 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 #1: Drift intersection - 2' wide, mixture of broken quartz vein filling. Au 0.1, Ag 0.2
   #2. Tunnel #2: 6' gneiss, vein, midway between 1st and 2nd drift. Au 0.1, Ag 0.5
   #3. Tunnel #1: 1' gneiss, heavy with iron oxides. Open cut 10'E of portal. Au 0.1, Ag 0.5

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. Greene
   Mining Engineer