

BUTTERCUP MINES, Inc. (Placer-quartz-asbestos)

Baker District.

Placer Claims:

Operating Company: Buttercup Mines, Inc., address Bridgeport, Ore. C.F. Glaspell, Pres., N.E. Lewis, Nampa, Idaho, Vice-Pres., Gladys L. Glaspell, Sec.-Treas. Incorporated under laws of Oregon for \$60,000. Stock fully paid; 4 stockholders.

Location: Immediately below old dredge ground in Burnt River Canyon in secs. 16-17, T.12 S., R.41 E.

Area: Consolidated group of 700 acres, the majority being placer ground including high bars. Get-up includes area left by previous dredge, which includes small channel and bank bars.

History: No yardage figures available but reported to have produced between \$30,000 and \$60,000 from one or two cuts by intermittent sluicing.

Equipment: 5/8 yard dragline combination with $\frac{1}{2}$ hd. shovel bucket. Dry land washer with stated capacity of 600-750 yds. on 2-shift day of 10-hour shift. Complete blacksmith shop and fine home.

Geology: Gulch operation. Steep canyon topography. Bedrock serpentine. Country rock serpentine and various greenstones. Gravel unusually fine in present pit, but dredge tailings show large amount of medium size boulders. Gold is typical reconcentration type from ancient high channel bars - rather small with fineness running between 800 and 850. The coarser gold which is sometimes found appears to be of greater average fineness.

Development: Working in Burnt River with dry land washer with "double deck" sluice box. They did use Ainalay bowl but discarded it in favor of sluices. Have 250' of pit stripped of 15' of overburden with 10' to 12' gravel exposed. The overburden has not been tested. Expected to get \$60,000 from 2 parallel cuts although the ground has not been systematically tested. Property lacks sufficient and proper exploration. Operating costs thought to be from 20¢ to 25¢ per yard.

Recommendations: More systematic sampling and testing so that no unprofitable gravels may be washed.

Quartz Claims: One tunnel at bottom of hill east of houses, extends North 25°E. for 150 ft. (then caved) in dark pencil slate with occasional highly carboniferous layers. The "blow out" is simply a gossan composed essentially of quartz stringers fragments and a matrix of hematite with minor amounts of limonite, etc. Several bull quartz veins cut the schists northeasterly from here.

2). North of the "pit" there are numerous quartz veinlets in the north wall of the canyon at this point. They vary in width up to 2 feet, but none of them show any continuity whatever. They are seldom more than 30 or 40 feet long and splay out or pinch out into the country rock, which at this locality is limestone. There is no mineralization of the country rock and no sulphides to be seen anywhere.

Conclusion: It is very doubtful that these veins, even if they are found to carry gold values, would be sufficient continuity to be of economic importance.

Asbestos Claims: (Glaspell Claims)

Owners: See above, Buttercup Mines, Inc.

Location: East half of sec. 17, west half of sec. 16, T.12 S., R. 41 E.

Area: Seven unpatented quartz claims.

History: Located in July 1937.

Equipment: None

Miscellaneous: No timber.

Geology: See accompanying map. North shaft 25' deep in tuffaceous pencil schists. Pit #1 at 40' crosscut top of ridge at elevation 4050', shows the following section: Foot wall of fine grained laminated chlorite schist striking north 75° E. dipping 35° S. 1 to 3 feet of tremolite vein consisting of tremolite, asbestos slip fiber up to 6" long, 20%. Soapstone massive up to 8" thick, 5%. Platy impure brittle tremolite with only small amounts of fiber, 75%. Hanging wall consists of 3' shattered and broken serpentine, chlorite, talc, and tremolite, then 6' at least of highly altered greenish rock cut by numerous stringers and veinlets of quartz calcite, magnesite and cross fiber tremolite not over $\frac{1}{2}$ " thick. This vein extends for 30' in the exposures but depth is unknown. Similar but less extensive "ore" appears in wide veins in cuts shown on map for several hundred feet to the south. A cross vein running east and west from pits 3 to 5 also appears.

Origin: The so-called greenstone intrusion noted on the map is a dyke trending more or less northerly and southerly, across the predominately north 45° E. structures of the slates and schists. It is generally dense, massive with individual phenocrysts seldom larger than 2 mm. Gray-green dunitic looking pyroxenes not common. Jointing is usually fairly coarse but becomes finer and grades into well defined schistosity to the south where it disappears. The asbestos is very evidently derived from this intrusion. The prospect at a juniper grove several hundred feet to the southeast shows faulted and laminated talc-tremolite schists with no fiber.

Conclusion: It is very doubtful that even were the material to prove sufficiently high in grade, a sufficient tonnage would be developed at this point to pay for the transportation to the market.

(Placer-quantity- asbestos)
Buttercup Mines, Inc. ✓ (placer)

District
Baker County

Operating Company: Buttercup Mines, Inc., C. F. Glaspell, Pres. *Nampa, Ida*
N. E. Lewis, V. Pres., Gladys L. Glaspell, Sec.-Treas.
Incorporated under the laws of Oregon for \$60,000.
Stock fully paid. 4 stockholders. *Address Bridgeport, Oregon*

Location: Immediately below old dredge ground in Burnt River Canyon in
T12S, R41E, Secs. 16 & 17.

Area: Consolidated group of 700 acres, the majority being placer ground
including high bars. *Set-up includes area left by previous dredge which
includes small channel and bank bars.*

History: No yardage figures available but reported to have produced between
~~1000~~ \$30,000 and \$60,000 from one of two cuts *by intermittent ~~fast~~ sluicing*

Equipment: 5/8 yard dragline combination with 1/2 yard shovel bucket. Dry
land washer with stated capacity of 600-750 yards on two shift
day of 10 hour shift. Complete blacksmith shop and fine home.

Geology: Gulch operation. Steep canyon topography. Bedrock serpentine.
Country rock serpentine and various greenstones. Gravel unusually
fine in present pit. But dredge tailings show large amount of
medium size boulders. Gold is typical reconcentration type from
ancient high channel bars--rather small with fineness running
between 800 and 850. The coarser gold which is sometimes found
appears to be of greater average fineness.

Development: Working in Burnt River with dry land washer with "double
deck" sluice box. They did use Ainsly bowl but discarded
it in favor of sluices. Have 250' of pit stripped of 15' of
overburden with 10' to 12' of gravel exposed. The over-
burden has not been tested. Expected to get \$60,000 from 2
parallel cuts although the ground has not been systematicity
tested. Property lacks sufficient and proper exploration.
Operating costs thought to be from 20¢ to 25¢ per yard. ~~Present
superintendent is A. J. McCorkle who was a former dredge master
and apparently knows proper procedure.~~

Recommendations: More systematic sampling and testing so that no un-
profitable gravels may be washed.

Informant: A. V. Quine
4/13/38

*Note
These quartz claims next then asbestos claims*

fragments and ~~matrix~~ ^{amounts} of hematite with minor ~~matrix~~ of limonite, etc. Several bull quartz veins cut the schist's north-easterly from here.

(2) North of the "pit" there are numerous quartz ~~or~~ veinlets in the north wall of the canyon at this point. They vary in width up to 2 feet, but none of them show any continuity whatever. They are seldom more than 30 or 40 feet long and splay out or pinch out into the country rock, which at this locality is limestone. There is no mineralization of the country rock and no sulphides to be seen anywhere.


CONCLUSION: It is very doubtful that these veins, even if they are found to carry gold values, would be sufficient continuity to be of economic importance.

R. Allen

4/13/38

PLACER SUMMARY

1. **Present name of property** Buttercup Mines, Inc.
Operating company (or individual) C. F. Glaspell, Pres.; Gladys L. Glaspell, Sec.-Treas.
Address Bridgeport N. E. Lewis V. Pres, Wampa. **County** Baker
Location Immediately below old dredge ground in Burnt River Canyon. T12S, R41E, Secs. 16&17.
Area of holdings
Consolidated group of 700 acres, the majority being placer ground including high bars. Incorporated under laws of Oregon for \$60,000.00--closed--fully paid. Four stockholders.
2. **History of property - past and recent:**
Intermittent private sluicing has been carried on in past. Part of present set-up includes ground left by a previous dredge which includes small channel and bank bars.
3. **History of production - yardage moved and bullion shipped:**
No yardage figures available but reported to have produced between \$30,000.00 and \$60,000.00 from one or two cuts.
4. **Development - acres mined, exploration of drilling, shafts, cuts:**
One of main drawbacks to the whole proposition is the lack of sufficient and proper exploration. They have no conception of what the ground will run, although they "hope" it will run 60¢ to 75¢/yd.
5. **Water rights - number of ditches, length, priorities, water allowed by law, amount actually used (average), length of mining season, av. date begin mining in Fall, av. date mining ends in Spring, etc.:**
Working in Burnt River with dry land washer with "double deck" sluice box. Were using Minley bowl but discarded it in favor of sluices. They have 250 feet of pit stripped of 15' of overburden with 10' to 12' of gravel exposed. The overburden has not been tested. Expected to get \$60,000.00 from 2 parallel cuts, although there is nothing on which to base estimate. Mining season could be all year around.
6. **Geology and General Description: - Elevation above sea, gulch or flat operation, topography, character of bedrock, kinds of country rock, nature of gravel, nature of gold, amount of clay, and boulders, nature of gold, source of gold, winter snow conditions, etc.:**
Gulch operation. Steep canyon topography. Bedrock serpentine. Country rock serpentine and various greenstones. Gravel unusually fine in present pit. However, dredge tailings show large amount of medium size boulders. Gold is typical reconcentration type from ancient high channel bars--rather small with fineness running between 800-850. The coarser gold which is sometimes found appears to be of greater average fineness. Snow conditions of no consequence.
7. **Equipment - pipe, giants, etc.**
5/8 yard dragline combination with 1/2 yard shovel bucket. Dry land washer with alleged capacity of 600-750 yards/2 shift day (10 hour shift). Complete blacksmith shop. Also fine home.
8. **Remarks - economics: High or low cost, principal drawbacks, reasons for success or failure, apparent life of operation based on quantity of gravel, etc.**
Operating cost "hoped" to be 20¢ to 25¢/yard. Lack of knowledge is principal drawback. However, as the present superintendent is a one-time dredge master (A. J. McCorkle) who apparently knows what he is doing, it is possible they may be fortunate and make a little profit. It has been recommended by this office that they do much more sampling and test pitting in the future, but I am afraid that the suggestions may not be followed in too great a detail.


Albert V. Quine, Mining Geologist

Cuttercup Mines Inc.

gdd + asbestos

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

12 S

41 E

16-17

T

R

S

PUBLISHED REFERENCES

Dogami - 14 A

Daker..... COUNTY

Upper Burnt River..... AREA

..... ELEVATION

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S)

Cuttercup Mines Inc.
C.F. Haspell Cos.

Address

Bridgport, Oregon

OPERATOR

Name of claims Area Pat. Unpat.

Name of claims Area Pat. Unpat.

EQUIPMENT ON PROPERTY

See also file
Name: Buttercup Mines, Inc. (*Moore*) Lower Burnt River *Galena*

Owner: Foster Glaspell, Nate Lewis, and C.V. Lewis. Bridgeport, ~~Baker Co.~~

Location: NE Corner Sec. 20, T 12 S R 41 E.

Equipment: 5/8 yard bucket dragline, "General".

New 50' belt stacker "Leroy".

Basin amalgamator 4' diam., 2' high, "Lanco".

On 8 x 30 foot sled:

Trommel, 4' diam. 6' mixer and 10' with 1" holes, run by Dodge engine.

4" spaced RR iron grizzly

Water pump, 6" pipe (probably sand pump type)

18" sluices, steel \times angle iron riffles. About 50'.

6" Parma pump, Buick engine, pump out working pit.

Sand pump, Studebaker engine, handle tailings.

Geology, etc.: Canyon rather narrow steep sides, Space cleared of overburden 60' wide by 250' long, uncovered 4-6' deep gravel still 6-10' deep.

Gravel averages below 4" diam., a few larger up to 2'. Gulch operation. Bedrock a schistose greenstone. Not much clay, mostly rather fine gravel and coarse sand. The narrow bar is just above a gorge in the creek.

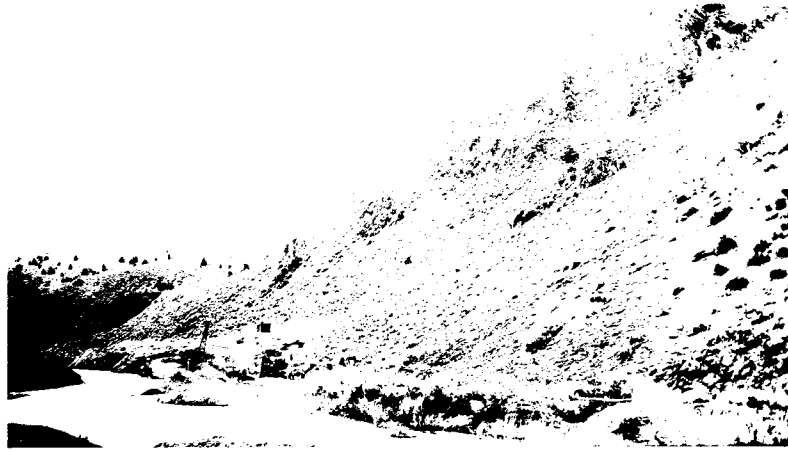
Were incorporated last fall, September, 1937. Have only run a total of about 2 days in all. The amalgamator was absolutely NG. Haven't yet got the sluices properly adjusted yet. Will use about 24" of boxes, only.

Gold pretty heavy, flaxseed size. Lies on bottom, only 4 feet of pay, mostly less than that. Same as Clark's creek gold. Operation lies only $\frac{1}{4}$ miles below ground where dredge started in. Black sand is so heavy that the fine gold goes over with ~~the~~ with it in the amalgamator.

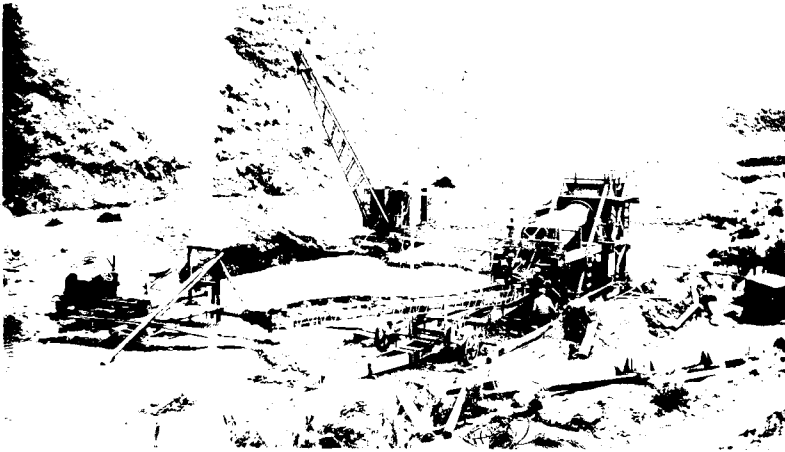
Informant, C.V. Lewis.

John Eliot Allen *Jed.*
6/22/38

*Buttercup Mines, Inc.
Bridgeport, Oregon*



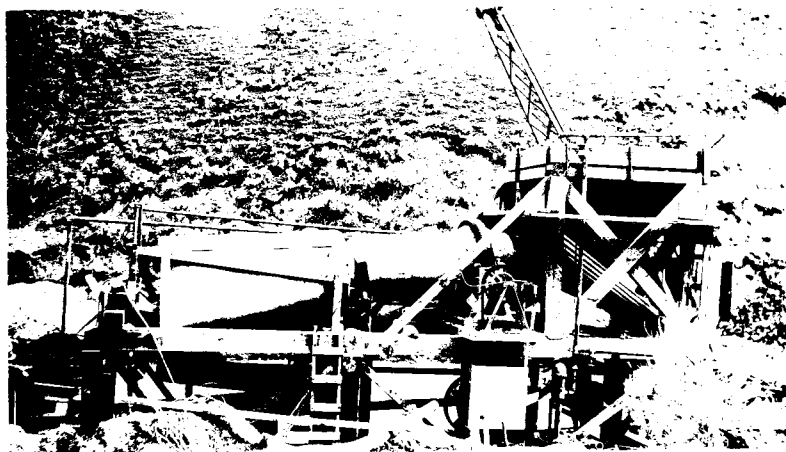
Looking upstream from shop



General View of Equipment



Stripped cut - looking downstream



Washing Plant