

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

## AMALGAMATED MINES COMPANY

## EAGLE DISTRICT

## BAKER COUNTY

**OWNER:** Amalgamated Mines Co. W. H. Burnham, Box 1928, Spokane, Washington. Company Representative.

**OPERATOR:** Claire V. Huff, Halfway, Oregon.

**AREA AND LOCATION:** Twenty-one unpatented claims near the head of Paddy Creek, in the southern part of the Wallowa Mountains. Most of the claims lie in sec. 35 T. 6 S., R. 44 E. W.M.

**HISTORY:** There is approximately 2000 feet of old workings. About 400 feet of drifts and crosscuts are open at present. G. V. Huff and associates are mining 5 tons per day from existing workings and near the surface.

**EQUIPMENT:** Two one ton mine cars, 1000 feet 16 lb. double rails, picks and shovels, mess hall, small bunk house (6 men), four habitable cabins, mill building and mill equipment (see mill flow sheet).

**GEOLOGY:** See Oregon Metals Mines Handbook (14A - pg. 43).

**GENERAL DESCRIPTION:** The mine is situated at an elevation of about 6000 on the rugged slopes of the Wallowa Mountains. The slopes are heavily timbered with pine and fir. In winter and spring, between January and June, the mine is isolated by snow which is said to be from 6 to 10 feet deep. Ample water is available. A six mile ditch brings water from Little Eagle Creek to the mine for power. The mine is about 50 miles from Baker. Twenty miles of this is third class road.

**METALLURGY:** Part of the ore is gouge and part is hard quartz. At present only the free gold is saved on amalgam plates. Whatever gold is locked in the sulfides is lost in the tailing. (see Flow Sheet)

**REMARKS:** The geology of this area is complex and very little ground is open for inspection. At present the leasers are not in a financial position to do any extensive development work. They are, however, finding enough ore to keep operating.

**INFORMANT:** C. V. Huff and Hugh K. Lancaster. 7/10/40

*Amalgamated Mines Co. Eagle District*

**FLOW SHEET  
AMALGAMATED MILL  
Amalgamated Mines Co.  
Eagle District**

**By Truck from Mine**

**Power for mill is  
Pelton water wheel.**

- 1<sup>st</sup> Grizzly**
- 6"x14" Downie Jaw Crusher**
- 100 ton Ore Bin**
- Disk Feeder**
- Belt Conveyor**
- Chilian Mill**
- Amalgam Plates**
- Corduroy Table**
- Tailing**

**Undersize**

QUARTZ PROPERTY

1. Name of property Amalgamated Mine  
Operating company (or individual) Robert Hooring  
Address Richland  
Location of property Sec 35 - T6S - R44E  
Acreage of holdings 7 claims  
C. V. Huff.  
Joe Jennings  
Orvis Melhorn  
Lester Thompson
2. History of property, past and recent:
3. History of production: Started Sept, 1937.
4. Development: Number of levels, lengths of drifts and cross-cuts, raises, etc.:  
200' drift.
5. General description and equipment on hand, topography, country rocks, elevation, timber, water, snow fall, climate, power, etc.
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.
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.  
Ball-Ellis mill - 3-4 tons day.  
and amalgamating plates, & viny.
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.

Not visited.

Creek to a few miles upstream beyond the mouth of East Eagle Creek. Placer mines are also found both on upper and lower Paddy Creek.

The Sanger mines are located in the northern part of T. 7 S., R. 43 E., on the western side of Eagle Creek in a quartz and placer mining area which has a record of considerable production. There has been little activity outside of small placer mining operations since 1900.

Some of the ore deposits are several miles distant from the granitic outcrops of both the Wallowa range and the Sparta District, and may have been due to the intrusive influence of either or both. Because they are located in argillite and are to the north of Sparta they have for convenience been grouped with those others which were the undoubted product of the Wallowa and Sparta intrusions.

There are three large exposures of greenstone in the drainage area of lower Powder valley, only one of which is of much importance as a mining territory. One is west of North Powder, another is nearly surrounded by the most northerly bend of Powder River and is commonly known as Farley hills. No description of either of these greenstone areas will be attempted.

The third and at present important most area extends from Medical Springs south and east some 20 miles. This greenstone belt makes up much of the middle drainage area of the various creeks which flow southward from the Wallowa range into Powder River, of which Goose and Balm Creeks are the most important streams in relation to the prospects of this region.

The reader is referred to the properties located in this district for details of the ore deposits.

#### AMALGAMATED MINES CO. (Gold) Eagle Creek District

"The Amalgamated Mines Co. controls 21 unpatented claims near the head of Paddy Creek, in the southern part of the Wallowa Mountains. Most of the claims lie in sec. 35, T. 6 S., R. 44 E. Mrs. G. J. Burnham is mine manager at the property, and W. Burnham, Box 1928, Spokane, Washington, is secretary of the company.

"In addition to numerous prospect pits and small open cuts there is considerable underground work, much of which was inaccessible at the time of this survey (1933). The accessible workings con-

sist of two adits aggregating about 1,500 feet, including short crosscuts, as shown in Plate 3. The lower and upper adits are connected by a 40-foot raise.

"A small Chile mill, situated below the portal of the lower adit, had been in operation for only a few days in 1937. It was milling ore that had been stored from a previous period of activity. No assays were available. The mine foreman estimated the capacity of the mill at 25 tons a day. Water power is used, the water coming from the head of Little Eagle Creek.

"The principal country rock of the vicinity is fine-grained greenstone. Locally the rock is a coarser breccia; some conglomeratic beds are present and carry pebbles as much as 2 inches in diameter. The rocks are excessively jointed in several directions, so that hand specimens are usually bounded by joint planes. These rocks have been assigned to the Triassic by Lindgren (01) and to the Carboniferous (?) by Ross (38).

"At least two systems of faults are present. The representatives of the more prominent system trend northwest and dip northeast. Those of the other set also trend northwest but dip steeply southwest.

"Gouge is developed along the slips. The greenstone is in most places crushed along both walls of a fault, locally for a width of 20 to 30 feet. This condition is especially well seen at the places where the two crosscuts are turned from the main lower adit.

"Mineralization and alteration have taken place along some of the faults, and the rock is bleached in many places, locally on both sides of the fault and elsewhere on only one side. Sericite, fuchsite, limonite, and quartz were recognized in these zones. The mineralization has been variable, and any or all of the above minerals may be present or absent at any one place."

Ref. Gilluly, Reed, & Park, 33.63 (quoted)  
Parks & Swartley, 16-14

#### BALM CREEK GOLD MINING CO. (Copper, Gold) Eagle Creek District

Oregon corporation; capitalization \$150,000; office, Oregon City, Oregon; John Arthur, manager.

This was a merger of the Poorman, Mother Lode, Oregon Copper and Goose Creek properties with combined holding of over 100 claims in sec.

Pacific Mining and Smelting Co. See Also patented and unpatented

NAME OLD NAMES PRINCIPAL ORE MINOR MINERALS

6 S 34 E 35  
T R S

PUBLISHED REFERENCES

Baker ..... COUNTY  
Eagle Creek ..... AREA  
..... ELEVATION  
..... ROAD OR HIGHWAY  
..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) .....  
.....  
.....  
.....

Address .....  
.....  
.....  
.....

OPERATOR .....

Name of claims	Area	Pat.	Unpat.

Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY

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Analgamated Lines Co.

Gold

NAME			OLD NAMES	PRINCIPAL ORE	MINOR MINERALS
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T 6 S	R 44 E	Sec. 35
T	R	S

PUBLISHED REFERENCES

Gilluly, Reed and Park 33:63  
 Parks & Swartley 16:14  
 Ore. Metal Mines Handbook 14A pg.43

Baker ..... COUNTY  
 Eagle Creek ..... AREA  
 6000 ..... ELEVATION  
 ..... ROAD OR HIGHWAY.  
 about 50 mi. Baker ..... DISTANCE TO  
 ..... SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) ..... W. Burnham .....  
 .....  
 .....  
 .....

Address ..... Box 1923 Spokane, Washington .....  
 .....  
 .....  
 .....

OPERATOR .....

Name of claims	Area	Pat.	Unpat.
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21 Claims			X
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Name of claims	Area	Pat.	Unpat.
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EQUIPMENT ON PROPERTY

REPORTS

C. V. Huff and H.K.L. 7/10/40

X

X

SHIPMENT AND ASSAY RECORDS .

MAPS

Amalgamated lines, Claim map by Ira Hoffman 1915  
Traced by H.K.L.

X

Cross section (tracing)

X

5 MILL FLOW SHEET FOR H.K.L.

X

3. Iron above Park Mine

X

Amalgamated mine Park Mine

X

AMALGAMATED MINE

EAST EAGLE DISTRICT:

Is 48 miles by secondary road from shipping point, Baker, Oregon, on the Union Pacific and Old Oregon Trail. Mine is located in high mountains. Located in 1898 and consists of 12 lode claims, recorded in Baker county. Country rock is granite with footwall of diorite and hanging wall of granite; width not given, length about 1000 feet. Minerals are gold and silver, assays at \$12. Water is ample, timber on claims. Mine is now idle. Equipped with a Chilean mill, ore cars and track, sawmill, 2 Pelton water wheels for water power. Developed with 2000 feet of tunnels. W. Burnham is secretary, P. O. Box 1928, Spokane, Washington. (Prescott----6/1/37).

*Now washing stringers 150 yards NE of old entrance.*

*Huff says above info essentially correct.*