**PROSPECT CARDS**

**File No. G-8**

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<th>Examined by</th>
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| Trend | Ore quartz w. native Ag, Ag
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<tr>
<th></th>
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<tbody>
<tr>
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<td>and some sulfides</td>
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</table>
KEY to DEVELOPMENT PLAN—See Section Thru Workings.

(A) Level No.10, North. Drive 50' or more North. Sink 100' or more.

(B) Level No.7, South. Drive to fault zone, 200'+
    Raise to Level No.6, 100'.

(C) Main Level, South. Complete raise to surface, 100'.

(D) Tunnel "A" Drive 50' North. (?)

(E) New Adit, North
    Below mill
    Drive North 100'
    Drive South 300'
    Raise to surface 200', if justified

Possibility-New Shaft, collar at North extension of Main Level.

General repair of South Shaft.

Improvement of water system.

Complete addition to mill building for compressor room,
move compressor and install second mill unit when justified.

Ball  1880.23 + 8.45
  1868.74 + 12.19
  1868.35 + 8.45
  1881.54 + 11.22

Conc.  1273.78#  183.87
1178.78

$ 7731.96
15-97-8.
CONFIDENTIAL DISCLOSURE AGREEMENT

The undersigned hereby acknowledges receipt from Boise Cascade Corporation of proprietary and confidential information relating to Mineral Rights of Boise Cascade on its Fee Lands in the vicinity of Ashland, Oregon, and Mineral Rights of certain third parties in the vicinity of Ashland, Oregon. The undersigned agrees to treat as confidential said information and all additional information received from Boise Cascade Corporation concerning the subject matter thereof, and not to disclose any of said information to any third party and to maintain such confidentiality until released from the obligation specified herein by Boise Cascade Corporation in writing. The undersigned further agrees not to use any of said information other than for purposes of evaluating and determining whether or not the undersigned will enter into a Joint Venture with Boise Cascade Corporation for purposes of developing the Mineral Rights, information as to which is being disclosed pursuant to this Confidentiality Agreement. The undersigned further agrees not to attempt to obtain any lands in any governmental section within a five-mile radius of Ashland, Oregon and lying west of U.S. Interstate Highway I-5, for a period of two years from the date of this Agreement.

Nothing herein above contained shall deprive the undersigned of the right to use or disclose any information which becomes, at a later date, generally known to the trade or public through no fault of the undersigned; only after said later date and only to the extent and in the same manner as said information may be used by any member of the public.

Gary L. Ojala
Title: Manager of Exploration
Date: March 22, 1983
ASHLAND MINE

NAME: Ashland Mine.

LOCATION: Jackson County, Oregon. Three miles from the City of Ashland.

ELEVATION: 3,500 feet.

AREA: 276 acres.

TITLE: Good commercial title. 166 acres patented mining lands. 110 acres deeded Government land.

FORMATION: Granite, Dioryte and associated formations.

VEIN: True Fissure. Strike, northeasterly-southwesterly. Dip about 45 degrees easterly. Width generally from 4 to 12 feet.

ORE SHOOTS: There are two principal ore shoots proven in the main workings. North shoot and South shoot. Of the North shoot less is known but the South shoot occupies a zone ranging between 300 and 400 feet in length with a rake of some 45 degrees northeast. These shoots are separated by about 600 feet along the vein but recent development has disclosed considerable ore in the zone between and may prove eventually either a center shoot or that the shoots are practically connected on certain planes.

ORES: Usually massive, white to bluish, and sometimes nearly black, quartz containing native gold, silver, some Galena and pyrites.

MINERALS: Gold and little Silver.

VALUES: Throughout the history of the mine; Milling ores from .50 to $40.00 per ton. Shipping ores 70.00 to $240.00, former operations. Free gold 65-95 per cent. Concentrates 5-35 per cent. Gold bullion 740-780 fine. Concentrates .180.00-350.00 per ton. The product from ores treated during 1934-1935 and 1936 has been in excess of 90 per cent free gold and less than 10 per cent concentrates.

DEVELOPMENT: In round number. Original-Tunnels 6,000 feet. Shafts 1,100 feet. Rises 1,500 feet. New development 2,400 feet. Total roundly 11,000. Exploring the vein for a length of about 2,400 feet and to a depth of 1,200 feet on the incline.

PRODUCTION: Production previous to present operations is reputed to be about $1,300,000, partly from shipping but mostly from milling with the old five-stamp mill formerly located at Ashland. A continuous, the modest production has been maintained under present operations since 1933, entirely from milling at the new Ashland plant.

PROCESS: Stamp milling. Amalgamation and concentration. Cyanide was tried but found unnecessary on ores from the lower levels where values are mostly in coarse free gold.

ORE TONNAGE: No general estimate of ore tonnage and valuation has been made up to this time as complete reopening of the mine has but recently been realized. Early mining was confined to a grade of ore exceeding $15.00 per ton in value and this led to removal of the better ores developed above the main working
Continued

ORE TONNAGE: level and in part to the "900" level in the South shaft. Reopening discloses that the limit of these shoots was not determined, however, and therefore, while there is more or less ore in evidence on almost every hand the extent is unknown pending further development. Size of ore bodies and especially values have shown a marked increase with depth, the highest values now being encountered on "900" level, North.

COSTS: Actual costs of mining and milling and milling on a one unit basis not exceeding 20 tons per day, present methods, is costing roundly $3.50 per ton, exclusive of development and other improvements.

RECOVERY: Recovery on ores now being treated by amalgamation and gravity concentration is ranging around 90%, largely due to the clean character of the ore, coarse free gold and to the careful application of these methods. Tailings are being impounded, however, for future treatment.

POWER: Electric-Commercial, 3 phase, 220 volt. 95 horse power connected.


TIMBER: Sufficient and suitable for mining needs. Owned by property.

DUMP-RIGHT: Unlimited space within property lines below workings.

CLIMATE: Suitable to continuous operations.

TRANSPORTATION: Good auto road from City of Ashland, distance 3 miles. S. P. Railroad and Pacific highway pass through the City of Ashland.

BUILDINGS: Mine buildings. Ten stamp mill buildings, bin, etc. All new.

EQUIPMENT: Mine equipment includes: Compressors, drills, air lines, pumps, hoists, water lines, storage tank, cars, skips, tracks, drill sharpener, shop equipment, tools, etc. Mill equipment includes: stamp mill, plates, rock crusher, concentrating table, cyanide tanks, with piping, shafting, pulleys, belting, etc., complete. Power equipment includes: 1-75 HP electric motor, 1-20 HP electric motor and 1-3 HP electric motor, complete with starters, switches, etc. Above equipment installed and operating.

INVESTMENT: Permanent improvements, Underground development, surface improvements, excavations, roads, trans, bins, buildings, water system, etc., exclusive of equipment, represent an investment and replacement value of roundly $250,000.00. Reopening, repair, development, improvements and operations under present ownership represent expenditures of about $150,000.00 additional.

REMARKS: Operations beginning with 1939 are being directed principally toward the North extension of the "900" level which is now being drifted on ore in new ground nearing 400 feet from the main shaft. Sinking from this level will be undertaken when the end of the shoot is reached. Values continue mostly free and even better than in upper levels.

NOTE: Under present ownership operation of the mine began in 1931. Milling began in 1933. These operations have gone forward continuously to date.

OWNER: P. B. Wickham
Ashland, Oregon
Dated, March, 1939.
### Ashland Mine

<table>
<thead>
<tr>
<th>Name</th>
<th>Old Names</th>
<th>Gold</th>
</tr>
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<tbody>
<tr>
<td>39 South</td>
<td>1 West</td>
<td>18 S</td>
</tr>
<tr>
<td>Jackson</td>
<td>County</td>
<td></td>
</tr>
<tr>
<td>Ashland</td>
<td>Area</td>
<td></td>
</tr>
<tr>
<td>3500 feet</td>
<td>Elevation</td>
<td></td>
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<tr>
<td></td>
<td>Road or Highway</td>
<td></td>
</tr>
<tr>
<td>3 miles N.W. of Ashland</td>
<td>Distance to Shipping Point</td>
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Present Legal Owner (s)  
F. B. Wickham

Operator  
F. B. Wickham

Name of claims  
Area  
Pat.  
Unpat.

276 acres of patented land

Equipment on Property  
Mill and mining equipment

Published References  
Ore. Metal Mines Hdbk. 14-C Vol.II, Sec.2
Park & Swartley 16:16
Sample submitted by Earl K. Nixon 704 Lewis Building, Portland, O
Sample description Base ore; level no. 9; Ashland Mine.

The assay results given below are made without charge as provided by Chapter 176, Section 10, Oregon Laws 1937, the sender having complied with the provisions thereof.

NOTICE: The assay results given below are from a sample furnished by the above named person. This department had no part in the taking of the sample and assumes no responsibility, other than the accuracy of the assay of the material as furnished it by the sender.

<table>
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<tr>
<th>Sample Number</th>
<th>GOLD</th>
<th>SILVER</th>
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<tbody>
<tr>
<td></td>
<td>Ounces per ton</td>
<td>Value</td>
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<tr>
<td></td>
<td>14.88</td>
<td>520.80</td>
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</table>

$525.66

Market Quotations:
- Gold: $35.00 per oz.
- Silver: $0.64 per oz.

Assayer
Additional Information To Be Added To The

Ashland Mine: Mr. Wickham has submitted a new report on the Ashland Mine and the following additions have been made to the Report which was made as of March, 1937,

On Page 1 under ORE TONNAGE change the last period to a comma which comes after "depth" and add "the highest values now being encountered on 900 ft. level, north."

On Page 2 to be added to the paragraph on INVESTMENT, "Reopening, repair, development, improvements and operation under present ownership represent expenditures of about $150,000.00, additional."

On Page 2 a new paragraph entitled REMARKS should be added as follows: Operations beginning with 1939 are being directed principally toward the North extension of the "900" level which is now being drifted on ore in new ground nearing 400 feet from the main shaft. Sinking from this level will be undertaken when the end of the shoot is reached. Values continue mostly free and even better than in upper levels.

My Confidential remarks are as follows:

Mr. Wickham does not care to have it published that he has been milling for sometime on the ore from the 9th level that plates $100 per ton. He is doing development work and the ore is only about one foot wide. It only produces enough ore for him to run every other day.

The above information furnished by Mr. P.E. Wickham. 3/18/39.
The law passed by the Legislature, governing the free assaying and analyzing of samples sent to a State Assay Laboratory, provides that certain information be furnished to the Laboratory regarding samples sent for assays, etc. A copy of the law will be found on the back of this blank. Please read the law carefully. Will you please fill in the information called for in the following blank, as far as possible, and return the same to the nearest State Assay Laboratory, along with your sample. If you have made out a blank, this copy is for your future use. Keep a copy of the information on each sample for your own reference.

Your name in full: J. E. Mccreery
Postoffice address:

Are you a citizen of Oregon? Yes
Date on which sample is sent: 9/7/38

Name (or names) of owners of the property: P. B. Widdel, Ashland, Ore
Name of particular claim and date of location: Ashland
Location of property or source of sample:

1. County: Jackson
2. Mining District: Ashland
3. Township: 37 S
4. Range: 160
5. Section: 12
6. Quarter Section:

How far from passable road?

For what do you wish sample tested? Gold & Silver

Does your sample represent a new discovery? Yes
On a newly located claim?: Yes

Has any ore from this claim been milled or shipped?: Yes

Width of ore where sample was taken (length of channel cut): 3 ft

Remarks: The Department would be pleased to have you add to the above, such information as you think would be of interest and value. Use the reverse side of this sheet or a separate sheet. This could best be shown by a pencil sketch, indicating the development on the claim with the widths of vein, especially the width of ore at the place where this sample was taken.

A sample, to be of value, should be taken in an even channel across the vein from wall to wall. Its position in the workings should be marked and the width measured. Assays of unlocated samples, without widths, are of little value. They create but little interest in the minds of experienced investors and engineers.
Grants Pass, Oregon

Baker, Oregon

J. K. Morrison, Mining Geologist
Grants Pass, Oregon

Two samples from the Ashland Mine, owned by Mr. P. B.

Wickham. Sample no. 1 is the second sample that was left.

The assay results given below are made without charge as provided by Chapter 176, Section 10, Oregon Laws 1937, the sender having complied with the provisions thereof.

NOTICE: The assay results given below are from a sample furnished by the above named person. This department had no part in the taking of the sample and assumes no responsibility, other than the accuracy of the assay of the material as furnished it by the sender.

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<th>Sample Number</th>
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<td>2</td>
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Market Quotations:
Gold $33.00 per oz.
Silver $0.64 per oz.

State Assay Laboratory

Assayer
STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
PROJECT SAMPLE RECORD

SAMPLES SUBMITTED BY: Len Ramp
ADDRESS: P. O. BOX 417, Grants Pass, OR DATE: August 6

<table>
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<th>District</th>
<th>S</th>
<th>T</th>
<th>R</th>
<th>Away For</th>
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<td>ACG-40</td>
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<td>30&quot; channel</td>
<td>Ashland</td>
<td>12</td>
<td>39 S</td>
<td>1 W</td>
<td>Au, Ag, Hg</td>
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<tr>
<td>ACG-42</td>
<td>&quot;</td>
<td>concentrate</td>
<td>&quot;</td>
<td>6</td>
<td>&quot;</td>
<td>1 E</td>
<td>Au, Ag</td>
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DESCRIPTIONS:

ACG-40 Fractured iron and manganese-stained vein quarts and weathered rock from the Ashland vein exposed in the open cut on the ridge top.

ACG-41 Mixture of fractured vein quarts, iron-stained clay, granular quarts mica schist, and weathered diorite from "Deadman" vein in the southeast edge of a cut about 120 feet southeast of "Deadman shaft". The vein strikes about N 50° W and dips 60° SW.

ACG-42 Concentrate from table in Ashland Mine Mill containing quarts, pyrite, tramp metal, mercury, amalgam, cinnabar, etc.

RESULTS

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<tr>
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<th>SILVER</th>
<th>MERCURY</th>
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<td>Oz/Ton</td>
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<td>ACG-40</td>
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<td>$18.20</td>
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<td>P-32620</td>
<td>ACG-41</td>
<td>0.01</td>
<td>0.35</td>
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<td>P-32621</td>
<td>ACG-42</td>
<td>0.74</td>
<td>25.90</td>
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ACG = 40 - Au, Ag, Hg
41 - Au, Ag
42 - Au, Ag

4-10-68
EXPLORATION
of the
ASHLAND MINE
1942-1961

When war order L-203 closed the Ashland Mine early in 1942 Mr. Perry Wickham was deeply involved in debt. Being unable to meet his commitments he lost the property to Mr. G. S. Butler of Ashland, Oregon. Mr. Butler died during World War II and the mine was included in his estate. The present owners purchased the patented claims from the estate and obtained additional surrounding ground. The property was logged off but only minor intermittent exploration was conducted in the years up to 1959.

Early in 1960 a Nevada corporation obtained a lease on the property and proceeded to clean out and timber the portal and the "West Shaft" hoist room on the 250 level. Plans were then made to de-water the "West Shaft" workings but before this could be done the company was absorbed by another and activities ceased in November 1960.

In December 1960 an Oregon corporation then obtained a lease and commenced a de-watering program. The "West Shaft" incline was generally in good condition until the 500 level was reached. Between the 500 and 600 levels the shaft was completely blocked due to the fact that previous operators had robbed all the pillars supporting the shaft and it caved.

A secondary route was followed down to the 700 level where it was possible to get back over to the main shaft. From the 700 level to the 900 level de-watering proceeded faster because the open workings were less extensive.

The "West Shaft" ore shoot was continuous from the surface to the 900 level but had been nearly mined out.

Studies indicated that the area near the 900 level is close to the permanent water table. In the presence of acid solutions and manganese oxide, a chloride solution was formed which removed the gold especially in the soft gouge which constituted most of the pay streak. The small quartz stringers within the gouge resisted solution changes and still contain economic values.

The "West Shaft" ore shoot rakes to the north and on the 900 level it lies about 200 feet north of the inclined shaft. Even if the shaft were to be cleared out between the 500 and 600 levels it is no longer feasible to use it for deeper exploration.

The "Ore Shoot" undoubtedly will continue below the 900 level and when workings penetrate far enough below the water table the gold content will probably increase again, even though it would be lower than in the oxidized zone.

Water flow would be no problem in the Ashland Mine because once it was de-watered the current flow could be pumped out in less than 2 hours per day. However, the water flow could increase if workings were to penetrate deeper.
Sampling throughout the mine revealed commercial values in several of the remaining pillars but the total ore that is immediately available, including the "York Shaft" would not exceed 3000 tons.

There are some possibilities along the strike of the vein that were never thoroughly investigated.

The Oregon corporation decided not to pursue exploration further so operations ceased in April 1961 and the mine was again idle.

Ashland, Oregon
April 27, 1963

Respectfully Submitted,

John H. Volgamore, Jr.
Geologist
ASHLAND MINE (gold)

Owner: P. B. Wickham, Ashland, Oregon.

Location: E 3/4 sec. 12, T. 39 S., R. 1 W., three miles northwest of the city of Ashland at an elevation of 3,500 feet.

Area: 276 acres of patented land.

History: Parks & Swartley reported as follows:

"The Ashland mine is opened by means of the West shaft, about 900 feet deep, as measured on the incline of about 38°, reaching a vertical depth of about 800 feet beneath the top of the ridge. It is opened further by an adit, crosscutting westward about 500 feet to the vein and drifting on the vein about 1,500 feet to the shaft at a depth of 250 feet on the incline. The vein is also reached by the York shaft and an upper adit connected therewith. The chief vein has an average strike of N. 19° E. and a dip of about 40° E. There are two important ore shoots in the vein, one being opened by the York shaft and the other by the West shaft. Both pitch to the south and seem to converge downward. Most of the ore above the adit level has been removed. The vein is regular and persistent, varying in thickness from 2 to 12 feet; the quartz varies in thickness from 0 to 10 feet and occurs in lenses reported to pitch to the south. The vein varies only gently in strike and dip and is not faulted so far as open to inspection. It is in a country rock of coarse tonalite, fine-grained diorite, hornblendite and mica schist cut by a few dikes of aplite. The aplite is much more abundant on the hillsides of the mine than it is in the workings.

"According to information received from H. V. Winchell of Mineapolis, who examined this mine in 1899, there are several quartz veins on the Ashland ground, only two of which have been developed.

"In size the veins vary from a foot to ten or twelve feet in thickness and some of their outcrops can be traced for considerable distances across the Ashland claims. Near the surface and to a depth of one hundred feet or more the veins are oxidized and the sulfides have been removed by leaching. Below this depth, however, the ore is still free-milling, showing that the gold is mechanically associated with the pyrite instead of occurring in such an intimate admixture or combination that the ore is refractory and only to be treated by some chemical process like smelting or cyaniding.

"The vein filling is quartz and pyrite with more or less country rock. The walls are very smooth and well defined and there is always a gouge or selvage that makes easy mining or stoping of the ore.

"The vein on which the greatest amount of development
Soon afterward the mine was closed by injunction proceedings brought by owners of adjoining ground, and very little work, aside from the construction of a 10-stamp mill, has been done since.

In 1898 and 1899 the ore from the Ashland mine was treated in a 5-stamp mill operated by water power. It was located at the city of Ashland, about four miles from the mine. The cost of hauling ore from the mine to the mill was between $0.75 and $1.00 per ton. Since then a 10-stamp mill has been erected at the mouth of the West shaft at an elevation of 3,350 feet by aneroid. It is equipped with a 6 by 10 Blake crusher, two 5-stamp batteries, Challenge feeders, two 5 by 15 feet amalgamating plates in sections of 7½ feet, and two 6-foot Johnston vanners. The mill has been but slightly used. Both mill and hoist were operated by steam from a horizontal fire-tube boiler, which is still on the ground.

The prospects for making a valuable and important gold mine at the Ashland are very unusually good and it is to be hoped that difficulties in regard to ownership may be adjusted so that development may proceed.

This mine has recently been taken over by Mr. A. W. Bartlett, of Ashland, Oregon, and associates. Mr. Bartlett proposes to mine and mill a large tonnage of ore above the 250-foot level in the old stopes and in the wall rocks, where he claims sufficient mineralization has taken place to allow them to be worked with profit. Mr. Bartlett purchased a part of the mill machinery of the Braden mine and installed it at the Ashland during August and September, 1916.

Under the present ownership the mine was opened in 1931 and milling began in 1933. The mine was closed late in 1939, and then reopened in 1941.

General: Water supply is limited but can be increased by pumping from the mine. Timber is sufficient for mining needs. There is insufficient snowfall to hamper operations. A county road leads to the mine property. There is unlimited space for dumps. Power (3 phase, 220 volt) is delivered to the mine.

Production: Production previous to present operations is reported to have been about $1,300,000, partly from shipping ore but mostly from milling ore treated at the old five-stamp mill formerly located at Ashland. A continuous, modest production has been maintained under present operations from 1933-1939, entirely from milling at the new Ashland plant.

Development: In round numbers: Original tunnels 6,000 feet; shafts 1,100 feet; raises 1,500; new development, 2,400 feet; total 11,000 feet.
Development explores the vein for a depth of about 1,200 feet on the dip.

**Equipment:** Ten-stamp mill buildings, bins, etc., all new. Mine equipment includes: Compressors, drills, air lines, pumps, hoists, water lines, storage tank, cars, skips, tracks, drill-sharpener, shop equipment, tools, etc. Mill equipment includes: stamp mill, plates, rock crusher, concentrating table, cyanide tanks, with piping, shafting, pulleys, belting, etc., complete. Power equipment includes: 1-75 H. P. electric motor, 1-20 H. P. electric motor, and 1-3 H. P. electric motor, complete with starters, switches, etc.

**Geology:** Country rock is reported as tonalite by Winchell (14) and as granodiorite by Wells (39). The vein is a "fissure vein" about 4-12 feet wide. It strikes NE - SW and dips 45° SE.

There are two principal ore shoots proven in the main workings—a north shoot and a south shoot. On the north shoot less is known, but the south shoot occupies a zone ranging between 300 and 400 feet in length with a rake of some 45° northeast. These shoots are separated by about 600 feet along the vein, but recent development has disclosed considerable ore in the zone between and may prove eventually either a center shoot or that the shoots are practically connected on certain planes. The ores are usually massive quartz containing metallic gold and silver as well as some galena and pyrite. The quartz is white to bluish to nearly black in color.

Throughout the history of the mine, milling ores have assayed from $5.00 to $40.00 per ton. Shipping ores have assayed $79.00 to $240.00 per ton. Free gold amounts to 65-95 percent. Gold bullion has assayed 740-780 fine and concentrates from $150.00 to $350.00 per ton. The production from ores treated during 1934, 1935, and 1936 has been in excess of 90 percent from free gold and less than 10 percent from concentrates.

No exact estimate of available tonnage and value of ore has been made. Early mining was confined to a grade of orp exceeding $15.00 per ton in value and this led to removal of the better ores developed above the main working level. Size and values of ore bodies have shown a marked increase with depth; the highest values now being encountered are on the "900" level, north.

**Ore Treatment:** Stamp milling is followed by amalgamation and concentration. Cyanidation was tried but found unnecessary on ores from the lower levels where values are mostly in coarse free gold.

Recovery on ores now being treated by amalgamation and gravity concentration is approximately 90 percent, largely due to the clean character of the ore and presence of coarse free gold. Tailings are being impounded for future treatment.

**Informant:** P. B. Wickham, 1939.

**Reference:** Parks & Swartley, 16:16 (quoted). Burch, 41:107. * * * * * * *
REQUEST FOR SAMPLE INFORMATION

The State law governing analysis of samples by the State assay laboratory is given on the back of this blank. Please supply the information requested herein fully and submit this blank filled out along with the sample.

Your name in full: Len Ramp (DCGAMI)

Street or P.O. Box: P.O. Box 417
City & State: Grants Pass, Oregon

Are you a citizen of Oregon? Yes Date on which sample is sent: 4/11/60

Name (or names) of owners of the property: Ashland Mining Co., Van Currer Bros.

Are you hiring labor? Are you milling or shipping ore?

Name of claim sample obtained from: Ashland Mine

Location of property or source of sample (If legal description is not known, give location with reference to known geographical point.):

County: Jackson Mining District: Ashland

Township: 39 S Range: 1 E Section: 7 Quarter section:

How far from passable road? Name of road: 

Sample no. 1: Grab Assay for Description

Sample no. 2: (Samples for assay should be at least 1 pound in weight)

(Signed) Len Ramp

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Sample Description: Gray fractured vein quarts with mixed chlorite some iron and copper-stained sulfides and lime on fractures.

<table>
<thead>
<tr>
<th>Sample number</th>
<th>GOLD</th>
<th>SILVER</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-25100 UG-64</td>
<td>0.25</td>
<td>$8.75</td>
</tr>
</tbody>
</table>

ASHLAND MINE  
Ashland, Oregon  

RECOGNIZED AS ONE OF THE IMPORTANT GOLD MINES OF THE PACIFIC COAST REGION.

Property embraces 581 acres of patent lands.  
Value of permanent improvements, development, etc... $250,000  
Reopened and equipped since 1930 at a cost of........... $150,000  
Total represented investment................................. $350,000  

Developed by 900-foot shaft and 10,000 feet of underground workings.  
Equipped with modern mining and mill plants.  
Operated by electric power, connected load 100 horsepower.  
Continuous operation under present ownership since 1931.  
Production inclusive to date $1,500,000.

ONE OF THE LEADING INDUSTRIAL ENTERPRISES OF JACKSON COUNTY.

(Ashland Chamber of Commerce)
GENERAL REFERENCES
1) USGS BULL. 1290, PG. 84

RECORD IDENTIFICATION
RECORD NO. .............. MO13788
RECORD TYPE .......... X1M
COUNTRY/ORGANIZATION. USGS
FILE LINK ID ............ CONSV
MAP CODE NO. OF REC...

REPORTER
NAME .................................. LEE, W.
DATE .................................... 74 01

NAME AND LOCATION
DEPOSIT NAME .................. ASHLAND
MINING DISTRICT/AREA/SUBDIST. ASHLAND
COUNTRY CODE .................... US
COUNTRY NAME: UNITED STATES
STATE CODE ....................... OR
STATE NAME: OREGON
COUNTY ......................... JACKSON

QUAD SCALE QUAD NO OR NAME
1: ASHLAND
THP....... 39S
RANGE..... 01E
SECTION.. 06 07
MERIDIAN. W.M.

POSITION FROM NEAREST PROMINENT LOCALITY: SEC. 6: SW1/4 SW1/4 SEC. 7: NW1/4 NW1/4

COMMODITY INFORMATION
COMMODITIES PRESENT .......... Au

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. B

PRODUCTION
YES

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

PRODUCTION COMMENTS..... PRODUCTION OF $1,300,000.00
RECORD IDENTIFICATION
RECORD NO. ............... M015641
RECORD TYPE .............. X1M
COUNTRY/ORGANIZATION  .... USGS
FILE LINK ID .............. CONSV
MAP CODE NO. OF REC....

REPORTER
NAME ....................................... LEE, W
DATE ....................................... 74 01

NAME AND LOCATION
DEPOSIT NAME ....................... ASHLAND MINE

COUNTRY CODE ....................... US
COUNTRY NAME:  UNITED STATES

STATE CODE ......................... OR
STATE NAME:  OREGON

COUNTY ............................. JACKSON
TWP ........... 39S
RANGE ....... 01E
SECTION ... 06
MERIDIAN:  W.M.

POSITION FROM NEAREST PROMINENT LOCALITY:  SW1/4 OF SEC (ASHLAND QUAD)

COMMODOITY INFORMATION
COMMODITIES PRESENT ............. AU

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 8

DESCRIPTION OF WORKINGS
COMMENTS (DESCRIPTION OF WORKINGS):
DURING 6-MO PERIOD BEFORE 1942 CLOSURE $565,000 REPORTED TAKEN OUT. TWO SHAFTS BEING DEVELOPED - THERE IS A 1500 FT TUNNEL WHICH MAY BE OPENED TO VISITOR.

PRODUCTION
YES

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

PRODUCTION COMMENTS ...........................................
RECORD IDENTIFICATION
RECORD NO. M060621
RECORD TYPE X1N
COUNTRY/ORGANIZATION USGS
MAP CODE NO. OF REC.

REPORTER
NAME PUFFETT, WILLARD P.
DATE 74 03
UPATED 80 12
BY FERNS, MARK L.; (BROOKS, HOWARD C.)

NAME AND LOCATION
DEPOSIT NAME ASHLAND MINE
COUNTRY CODE US
COUNTRY NAME: UNITED STATES
STATE CODE OR
STATE NAME: OREGON
COUNTY JACKSON
DRAINAGE AREA 17 BEAR CREEK-ROGUE RIVER
PHYSIOGRAPHIC PROV 13 KLAMATH MOUNTAINS

QUAD SCALE QUAD NO OR NAME
1: 62500 TALENT OREGON-CALIFORNIA

LATITUDE LONGITUDE
42-11-31N 122-45-24W

UTM NORTHING UTM EASTING UTM ZONE NO
4670902.7 520092.1 10

TWP RANGE
039S 001E
SECTI ON 06 07 01 12
MERIDIAN WILLAMETTE

ALTITUDE 3400 FT

POSITION FROM NEAREST PROMINENT LOCALITY: 2 1/2 MILES W. OF ASHLAND

COMMODITY INFORMATION
COMMODITIES PRESENT AU AG PB CU

PRODUCER(PAST OR PRESENT):
MAJOR PRODUCTS AJ
MINOR PRODUCTS AG CU
OCCURRENCE(s) OR POTENTIAL PRODUCT(s):
POTENTIAL
OCCURRENCE PB

ORE MATERIALS (MINERALS, ROCKS, ETC.):
GOLD, GALENA, CHALCOPYRITE, PYRITE, PYRRHOTITE, PYRITE, PYRRHOTITE

COMMODITY COMMENTS:
2.19 Au:Au

MINERAL ECONOMICS FACTORS

ECONOMIC COMMENTS:
SOME GOLD FREE MILLING; SOME COMBINED WITH PYRITE.

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 6 PROPERTY IS INACTIVE
YEAR OF DISCOVERY........ 1866
NATURE OF DISCOVERY ...... A
YEAR OF FIRST PRODUCTION. BEFORE 1900

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
VEIN/SHEAR ZONE
FORM/SHAPE OF DEPOSIT: TABULAR

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT....... SMALL
DEPTH TO TOP .......... 0 FT
DEPTH TO BOTTOM ...... 900 FT
MAX LENGTH........... 1 MILE
MAX THICKNESS........ 12 FT
STRIKE OF DREBODY... N 20 E
DIP OF DREBODY........ 45 SE
DIRECTION OF PLUNGE... S

DESCRIPTION OF WORKINGS
DEPTH OF WORKINGS BELOW SURFACE. 900 FT
LENGTH OF WORKINGS............... 11000 FT

COMMENTS (DESCRIPT. OF WORKINGS):
ORE CAME FROM TWO DISTINCT SHOTS THAT WERE AS MUCH AS 500 FT APART IN THE VEIN, BUT SEEM TO CONVERGE AT DEPTH IN THE MAIN MINE DEVELOPMENT BY INCLINED SHAFT.

PRODUCTION
YES
CUMULATIVE PRODUCTION (ORE, COMM., CONC., OBERBUR.)

<table>
<thead>
<tr>
<th>ITEM</th>
<th>ACC AMOUNT THOUS. UNITS</th>
<th>YEAR</th>
<th>GRADE, REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>ORE EST 1588.00 DOLLARS</td>
<td>1886-1958</td>
<td>0.3-5.0 OZ/TON AU; 0.14 OZ/TON AG; 0.2 LB/TON CU</td>
</tr>
</tbody>
</table>

SOURCE OF INFORMATION (PRODUCTION): USGS

PRODUCTION COMMENTS: REPORTEDLY $1,300,000 ORE HAS BEEN PRODUCED

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS: TRI
HOST ROCK TYPES: QUARTZITE, QUARTZ MICA SCHIST

AGE OF ASSOCIATED IGNEOUS ROCKS: JUR
IGNEOUS ROCK TYPES: QUARTZ DIORITE

PERTINENT MINERALOGY: QUARTZ, SERICITE

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: APPLEGATE GROUP - QUARTZITE, MICA-SCHIST
   AGE: TRI

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES
1) NAME: QUARTZ DIORITE
   AGE: JUR

SIGNIFICANT ALTERATION:
VEINS OXIDIZED TO A DEPTH OF 100 FT.

COMMENTS (GEOLOGY AND MINERALOGY):
THE PROPERTY IS ON A FISSURE VEIN IN GRANODIORITE ALONG THE CONTACT WITH HORNFELSED METASEDIMENTS.

GENERAL COMMENTS

RECORD NUMBERS (M017022), (M013337), AND (M013787) HAVE BEEN MERGED WITH THIS RECORD AND DELETED FROM THE OREGON FILE.

GENERAL REFERENCES
2) HÖTZ, P.E., 1971, GEOLOGY OF LODE GOLD DISTRICTS IN THE KLAMATH MOUNTAINS, CALIFORNIA AND OREGON: USGS BULL. 1290 P. 57
3) BROOKS, H.C. AND RAMP, LEN, 1968, GOLD AND SILVER IN OREGON: ORE DEPT. GEOL. AND MIN. IND. BULL. 61, P. 271-273