

PROSPECT CARDS

Property Name Carberry Ck. Mines

Property Owner \_\_\_\_\_

Submitted by \_\_\_\_\_

Location: State Oregon

County Jackson

Mining D. \_\_\_\_\_

T 40 S R 4 W Sec. 17, 20

Code No. \_\_\_\_\_

Followup Recom. NO

Later Review Recom. \_\_\_\_\_

Examined by \_\_\_\_\_

Company \_\_\_\_\_

Date \_\_\_\_\_

Where filed \_\_\_\_\_

Metals

Cu \_\_\_\_\_

Mo \_\_\_\_\_

Pb \_\_\_\_\_

Zn \_\_\_\_\_

Ag \_\_\_\_\_

Au X

Fe \_\_\_\_\_

Mn \_\_\_\_\_

Cr \_\_\_\_\_

Ni \_\_\_\_\_

W \_\_\_\_\_

U \_\_\_\_\_

Re \_\_\_\_\_

P<sub>2</sub>O<sub>5</sub> \_\_\_\_\_

K<sub>2</sub>O \_\_\_\_\_

Sn \_\_\_\_\_

Be \_\_\_\_\_

Coal \_\_\_\_\_

Hg \_\_\_\_\_

Other

Production Metal

AMS Quad \_\_\_\_\_

Other Quad \_\_\_\_\_

Production

None 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 50<sup>5</sup> 10<sup>6</sup>

TONS

Geology

Host Rock schist, andesite porphyry

Mineralization

Type qtz veins

Trend E-W

Ore \_\_\_\_\_

Gangue \_\_\_\_\_

Alteration

Type \_\_\_\_\_

Extent \_\_\_\_\_

Bibliography

USGS \_\_\_\_\_

USBM \_\_\_\_\_

Other \_\_\_\_\_

Remarks:

scanty information, probably worked-out

Field Time

None \_\_\_\_\_

1 Day \_\_\_\_\_

1 Week \_\_\_\_\_

1 Mo \_\_\_\_\_

+1 Mo \_\_\_\_\_

Follow-up Recom. \_\_\_\_\_

Salt Lake City, Utah,  
June 10, 1929.

FILE MEMORANDUM:

OREGON, JACKSON COUNTY,  
CARBERRY CREEK MINES,  
SHANKLIN & WILLIAMS, INC.

First mining in 1860 and 70, used old mining and milling methods. Own 320 acres proven mineral land. Sixteen mining claims patented:

Banner,	Rich Gulch #2
Surprise,	Ferndale,
Golden Wedge,	Columbia,
Rich Gulch #3,	Bunker Hill,
Rich Gulch #4,	Oak Ridge,
Goldendale,	E. Pluribus Unum,
Steamboat Apex,	Gold Chief,
Rich Gulch #1,	Fowler.

5½ acres patented mill site; also two ditches, one six miles long with five second feet of water, and the other two miles long with three second feet of water, for mining and milling purposes. All located in Secs. 17 and 20, T. 40 S., R. 4 W., Willamette Meridian. About 35 miles from Medford or Grants Pass. Elevation 2450 to 3200 feet.

GEOLOGY: Formation - lime, schist, andesite-porphry and granite. Ore veins are east and west quartz veins cutting schist. Low grade ore in schist filled with quartz stringers on contact of andesite-porphry. From enclosed 'photos, veins 30" to 6' wide, and well marked.

DEVELOPMENT BY CLAIMS: Surprise - Tunnel 5 sets in. 50 tons ore in bin. Average face sample tunnel \$12.74 gold per ton.

Sample #1 - 4" cut across face, 4' from bottom, 5' cut,	\$22.73	Gold
" #2 - 50# sample average face,	\$16.12	"
" #3 - Hanging Wall,	\$11.36	"
" #4 - High grade quartz from face (not included in above average),	\$934.28	"
" #5 - Ore in East bin,	\$ 9.92	"
" #6 - Quartz vein right of entrance to tunnel,	\$ 12.81	"
" #7 - Sample West ore pile	\$ 3.51	"

Golden Wedge Claim - No work or samples.

Rich Gulch #3 - 20 foot tunnel, 8" vein, assay \$2.48 gold.

Rich Gulch #4 - Discovery work only.

Goldendale - No development.

Steamboat Apex - Surface open-cuts, low grade ore \$2.00 to \$5.00 gold per ton.

Ferndale - Large glory hole. Ore showing 100' long 25' high and 10' wide. \$9.09 gold per ton.

Rich Gulch #1 - 250 feet tunnels and cross-cuts. Average \$27.00 gold per ton from ore mined on this claim. Samples as follows:

# 11	-	\$ 34.31	gold per ton
# 11 B	-	35.96	" " "
# 11 B	check	38.44	" " "
# 12	-	7.02	" " "
# 13	-	47.33	" " "
# 13 B	-	38.68	" " "
# 14 A	-	20.67	" " "
# 14 B	-	16.74	" " "
# 16	-	10.00	" " "
# 17	-	20.67	" " "

Also, high grade picked samples as follows:

# 21	-	\$4,565.38	gold per ton
# 22	-	4,493.08	" " "
# 23	-	4,526.73	" " "
# 24	-	589.30	" " "
# 25	-	233.62	" " "
# 26	(Fines)	\$6,632.58	" " "

Oak Ridge - To be worked from adjoining claim.

Columbia - No development.

Bunker Hill - Two tunnels, each 100 feet long. Schist dike-50 ft. cross sample, \$11.78 gold per ton. Average of dike \$4.00 to \$5.00 per ton.

Rich Gulch #2 - Open-cut work only.

Gold Chief - Large tonnage of mill ore from this claim.

Tunnel 150' long and cross-cut 50' long.

E. Pluribus Unum - 50' tunnel and open-cuts on two quartz veins 18" to 4' wide. Average \$5.00 gold per ton. Pocket of ore worth few thousand dollars taken from this claim.

Fowler - Claim where original ore was found. About 2000' underground workings. Produced from pockets \$650,000.00 all mined at a depth not greater than 75' in 1860 and 1870. Small tonnage quartz assaying \$20.00 gold per ton left. Possibility of developing mill ore.

Banner - 100' cross-cut. Cut 6' fissure gold, silver and galena. This fissure 200' long on surface, exposed by open-cuts. Developed 50' east and west underground.

Total underground development about 2850 feet, all tunnels and cross-cuts. There are many surface pits and workings, also placer mines. Workings scattered over the total area owned.

BUILDINGS: General office, engineering and assay office, frame, 16' x 44'. Commissary and stock room, frame, 24' x 42'. Six frame houses. Garage and tool house.

EQUIPMENT:

Union Iron Works 5 stamp mill, new shoes and dies.  
Rock breaker,  
Challenge ore feeder,  
10 ft. new 54" amalgamating plates,  
Dodge concentrating table, 16' deck,  
Amalgam trap,  
Joshua-Hendy cleanup pan,  
Two cylinder air compressor, 140 cubic feet of free air  
per minute, capacity,  
Six foot Peltan water wheel,  
No. 1 American sawmill 52" saw,  
Shingle mill,  
Boiler and engine,  
4 Drifters, 4 stopers, 600 feet air line,  
360 feet 12" hydraulic pipe, giants, nozzles, gate valves, etc.,  
Complete logging equipment, mill and mine equipment,  
Complete assay and laboratory equipment, also engineering  
and general office.

Author of report not given.

LBB'P

*L. B. Birch*  
L. B. Birch

G. K. Bryant's estate

Sid. J Brown, Jackson County  
sheriff, is administrator  
5045 Holly Medford Ore.  
J.E.M.

REPORT OF CARBERRY CREEK MINES  
of  
JACKSON COUNTY, OREGON

MAR 15 1939

By M. E. Hughes  
Date January 1, 1935.

**LOCATION:** Said property, comprising twelve (12) mining claims, five and one-half (5½) acres patented mill site, situated in Sections Seventeen (17) and twenty (20), township forty (40), South, Range Four (4) West, Willamette Meridian, Jackson County State of Oregon.

**ACCESSIBILITY:** The mine is reached from Medford or Grants Pass over two roads. Over the Thompson Creek road it is 35 miles from either point, while over the Applegate River road it is 42 miles from Medford, and 56 miles from Grants Pass, these two county roads forming a loop road which runs along the south line of the property.

**TOPOGRAPHY:** Elevation at County road, southern end of the property 2,446 feet; at the north end of the property 3,200 feet. While the hills are steep, the contours are fairly regular and the ground comparatively smooth. It is quite possible to reach most any point on the property by the two roads leading from the county road to the various mines and works. These roads connect at the summit, forming a loop road on the property.

**CLIMATE:** The climatic conditions are ideal for mining the year round, being cool in summer and mild winters with frosts and light freeze; and an abundance of rain to provide water throughout the year for mining and power purposes.

**TIMBER:** The property is covered with fine timber; sugar pine, yellow pine, white cedar, red and white fir.

**WATER:** Power mining and irrigation ditches, ample water for power and mining purposes, is supplied through the O'Brine and Big Four ditches as follows:

O'Brine ditch five and one half (5½) miles long, the oldest water right on Carberry Creek, having a priority dating back to 1869, three (3) second feet, as allotted by the State Water Commissioner and of record in the office of the State Engineer. This ditch can carry ten (10) second feet and two hundred (200) feet above Big Four (4) ditch.

Big Four Ditch is supplied through six (6) miles of ditch, with five (5) second feet of water approved, as allotted by the State Water Commission, and of record in the office of the State Engineer. From Sturgis and O'Brine forks of Carberry Creek. This ditch will carry ten (10) second-feet of water. Which, when delivered at the mill under a two hundred (200) foot head, will develop two hundred and fifty (250) horse power.

Mill site five and one half (5½) acres patented recorded with record of deeds at Medford, Jackson County, Oregon at page 66 Vol.170

**DEVELOPMENT:**

**RICH GULCH NO. 2:** Southwesterly claim, developed by twenty (20) foot tunnel, face of tunnel in ore which averages \$12.74 gold per ton, as shown from the following assays:

SAMPLE NO. 1	4-inch cut across face of tunnel	
	4 feet from bottom, cut 5 feet long. . . . .	\$16.00
SAMPLE NO. 2	50 pounds, general average face of	
	tunnel. . . . .	12.00
SAMPLE NO. 3	. . . . .	11.36

Surface cross cuts in the shist shows quartz stringers with gold values

REPORT OF CARBERRY CREEK MINES

PATHFINDER: This is a fractional claim, between Rich Gulch No. 1 and Ferndale claims. Most of this ground is covered by a slide of more recent years which covered a very rich talc vein and placer ground.

ANTISAPATION: Opened by a 20 foot tunnel following an 8 inch vein, into a large east-west vein. This discovery tunnel should be driven 200 feet ahead to cut this large vein at a point where pay-shoot would be expected. A sample cut from this discovery vein gave assay of \$2.48 in gold.

RIDGE: This is a side claim, on the north side of the group. There is no development work on the claim, but discovery work shows quartz stringers in the schist with gold values.

GOLD DYKE: On the northwesterly end of the group. There is no development work on this claim.

FERNDALE: Large schist dyke with quartz, opened by glory-hole, 100 ft in length, 25 feet deep and 10 feet wide, showing average milling gold values of \$9.00 per ton.

RICH GULCH NO. 1: 250 feet of tunnels caved in and crosscuts on No. 1 vein from which about 300 tons of ore was mined and milled. Sampling of this ore gave the following gold values:

SAMPLE NO.	11	.....	\$34.31
"	"	11B .....	35.96
"	"	11B .....	Check. Sample . . . 38.44
"	"	12 .....	7.02
"	"	13 .....	47.33
"	"	13B .....	38.68
"	"	14A .....	20.67
"	"	14B .....	16.74
"	"	16 .....	10.00
"	"	17 .....	20.67

Giving an average value of \$27.00 per ton. This ore was milled in 1932 returned in bullion and concentrates seven thousand dollar (\$7,000). Concentrates seven hundred dollars (\$700) to one thousand five hundred dollars (\$1,500) gold per ton.

Tunnel No. 2 is located below tunnel No. 1 is in one hundred and sixty two feet (162) to go to reach No. 1 vein fifty (50) feet below the old workings.

OAK RIDGE: This is a side claim to protect the continuation of Rich Gulch No. 1 vein. There is no development work except discovery shaft, as No. 1 tunnel workings is within 150 feet of this claim and driving east under it with depth.

COLUMBIA: Covering large schist dyke with low grade gold values. There is no development work on this claim.

BUNKER HILL: Large schist dyke with quartz, two tunnels each 100 feet long. Sampling over 50 feet across this dyke gave gold values of \$11.78. Its general average is estimated at \$4.00 to \$5.00 per ton.

## REPORT OF CARBERRY CREEK MINES

**FRACTION:** This claim is a fraction located between Antisipation and Realization claims.

**REALIZATION:** This claim is developed by a one hundred (100') foot crosscut tunnel cutting a six (6') foot fissure vein of quartz. The vein is drifted on fifty (50') foot east and west, and has sixty (60') feet of backs. It is exposed on the surface by open cuts over a distance of two hundred (200') feet, showing a pay-shoot for the entire length. Average sample taken from face of the east and west drifts gave an average of ten (\$10) dollars gold per ton.

**NO. ONE VEIN:** Is developed by surface crosscuts, Glory-hole and tunnels prove the vein to be from ten (10) feet to fifteen (15) feet wide striking easterly and westerly across Ridge. Oak Ridge, Rich Gulch No. 1, Pathfinder, Ferndale, Columbia and Bunker Hill claims for a length of thirty seven hundred (3700) feet as you develop east and west on the No. one (1) vein from Rich Gulch No. one (1) claim you will have from one hundred (100) to three hundred fifty (350') feet of backs, and open up a large tonnage of pay ore, with an average value better than \$10.00 ~~per~~ gold per ton. The cost of mining and milling fifty (50) tons a day should not exceed two and one half (\$2.50) dollars per ton. All gold values are estimated at \$20.00 per ounce.

**FORMATION:** The formations of the District are schist, andesite-porphry. Principal ore veins are east and west, the low grade ores occur in schist filled with quartz veins and quartz stringers, which assays three to five dollars in gold per ton. Development of which offers possibilities of large milling operations on low grade ore tonnage.

**EQUIPMENT:** Union Iron Works five stamp mill, one thousand two hundred (1,200) pound stamps, rock-breakers, Challenge ore feed, new shoes and dies, ten (10) feet of new fifty four (54) inch amalgamating plates, concentrating table with 16-foot deck, amalgam trap, Joshua-Hendy cleanup pan, belting, shafting, pulleys, etc., Two cylinder air compressor, 140-foot capacity, 600 feet of air line. One five foot, one six foot Pelton Water Wheel. 300 feet of 12-inch hydraulic pipe, giants, nozzels, gate valves, etc., complete black-smith and shop equipment, and numerous other tools and article which go to make up complete camp and mining equipment.

**BUILDING:** General Office, building, 16 feet by 44 feet; Commissary and stock rooms, 24 feet by 42 feet; 3 residence buildings, with furnishings; garage and tool-house.

### SUMMARY

The Carberry Creek Mines are six miles north of the California State Line, and comprise the old Rich Gulch No. 1 and Ferndale Mines and 10 other valuable mining claims.

With a record production of \$650,000.00 in the sixties and seventies all of which was recovered from surface workings and milled in arrastre, with the exception of \$16,000.00 which was recovered in a stamp mill; and with several veins and pay-shoots developed with better than \$10.00 average gold values.

With a total of about 220 acres of proven mineral land, two power mining and irrigation ditches and water rights, complete mining, milling equipment, five stamp mills, installed, buildings, ideal climate and county roads to the mine, the property is in a position

Upper Applegate  
Jackson

**Garberry Placer Property**  
**Steamboat Mining Dist.**  
**Josephine County, Oregon**

**Wm. F. Hayden**  
**Consulting Mining Engineer**  
**Grants Pass, Oregon**



ACKNOWLEDGMENTS: It must be understood that the information contained in this letter report has been furnished entirely by the owners or representatives of the Carberry Placer properties and that no part of the letter, particularly that which refers to values and estimates of values is chargeable to direct representation by the writer.

It is also understood that the writer has no financial interest whatever at the present time in the Carberry Placer properties.

-----

CARBERRY PLACER PROPERTY

EQUIPMENT: Since writing the above I have contacted the principal owners of the Carberry Placer properties who states the equipment on the ground at the present time consists of some 2,000 feet of hydraulic pipe, sizes eleven, fifteen and twenty inch, 14 gauge.

BUILDINGS: The buildings consist of several cabins in bad repair with several of the cabins at Browntown in a livable condition which would provide shelter for the installation crew. The property covers the areas upon which Browntown is located.

We would recommend the installation of a small saw mill to provide lumber for the hydraulic installation and the building of new cabins since there is an abundance of very fine saw timber located upon the claims of the property.

OPERATING REVENUE: Without going into the details of tabulating the revenue which should be taken from the deposits of this property, estimating the deposits at 15,000,000 cu. yards at .30¢ gross recovery per cu. yard, would be \$4,500,000, which is considered to be a very conservative estimate as to the values.

We believe that it will cost approximately .06¢ per cu. yard for the recovery of the gold from these gravels by the hydraulic method, which would be close to \$1,000,000 for operating costs and overhead, leaving a net of approximately \$3,500,000. as operating revenue.

While the above is an estimate of both the yardage and value we feel confident that an examination of these deposits should prove that this estimate is not unreasonable.

# State Department of Geology and Mineral Industries

1069 State Office Building  
Portland 1, Oregon

## SEATTLE BAR MARBLE DEPOSIT

Jackson County  
Upper Applegate District

Owner: William E. Caldwell, Corvallis, Oregon.

Location: NW $\frac{1}{4}$  SW $\frac{1}{4}$  sec. 11, T. 41 S., R. 4 W. The occurrence lies on the east side and above the Applegate River road about 33 miles from Medford or 45 miles from Grants Pass.

Area: One 40-acre placer claim. Patent has been applied for.

Topography: The marble crops out on the steep southwest-facing hillside which has an average slope of 32° between 2000 and 2640 feet elevation.

Geology: The marble is a grayish-white to white with parallel darker gray bands running through it. Grain size varies from 1 to 3 mm. The marble is part of the Applegate group of questionable upper Triassic age. It is interbedded with layers of quartz mica schist which appears to vary in composition from quartzite to amphibole gneiss. The marble and schist strike from N. 25° to 45° E. and dip from 45° to 80° NW. These metasediments have been intruded by peridotite, now altered to serpentine and by later granitic rocks.

The marble stands in bold relief forming cliffs as much as 45 feet above the more readily weathered metamorphic rocks. Composite thickness of the marble, including the interbedded schists, varies from about 60 feet on the ridge to about 140 feet at a point one-third of the way up the hillside. The marble extends to the northeast where it crops out on the north side of Mansanita Creek. To the south it terminates near the line between secs. 10 and 11. It may either be offset by a fault or pinch out with depth.

The following analyses of the marble have been made by the department.

<u>Assay No.</u>	<u>Sampler</u>	<u>Date</u>	<u>CaCO<sub>3</sub> %</u>	<u>MgO %</u>	(Insol.) <u>SiO<sub>2</sub> %</u>	(Phos.) <u>P<sub>2</sub>O<sub>5</sub> %</u>
P-7244	H. D. Wolfe	6/8/48	96.99	---	1.11	0.079
P-25427	H. I. Keser	7/15/60	98.92	0.20	0.26	---
P-25885	Ernest Gregg	10/24/60	98.68	---	0.40	---

History: The deposit is described by Hodge (1938). Caldwell first located the claim in 1946 and amended the location in 1954. In September 1960, P. & K. Chemical Company (F. L. Patterson and H. I. Keser, Medford, Oregon) relocated and began work to develop a combination granule, grit and fertilizer business. They set up a crushing and bagging plant between Rich and Jacksonville. A road was constructed to the ridge top and several hundred tons of marble were mined by the time operations ceased in the summer of 1961. The adjoining land in sec. 10 is owned by the Mexican Smelting Company, and the N $\frac{1}{2}$  sec. 11 is reportedly owned by Lyle Russell.

Visited: 3/16/59, 9/1/60, 3/30/61, 5/18/61, 6/13/61, and 6/29/61.

Informant: Dr. W. E. Caldwell

Report by: L. Ramp, 3/17/59, revised 11/19/62.

Reference: Hodge, E. T., 1938, Market for Columbia River hydroelectric power using Northwest minerals; sec. III - Northwest limestones: U. S. Corps Engineers, North Pacific Div., Portland, Oregon.

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland 5, Oregon

## ELLINGER ASBESTOS PROSPECT

Jackson County

Upper Applegate Area

Owner: W. R. Ellinger, 112 S. Oregon Street, Yreka, California, or  
721 SW "K" Street, Grants Pass.

Location: NW $\frac{1}{4}$  sec. 13, T. 41 S., R. 2 W. at an approximate elevation of 7200 feet about one-half mile south of Observation Peak. The claim is reached from the Applegate River road near McKee Bridge by traveling southeastward 18.2 miles along Beaver Creek road to Jackson Gap, on the divide between the Applegate and Klamath River drainages, then turn southward along Sterling Mountain — Donomore Ranch road for 2.6 miles, and then approximately 1 mile southwestward along Donomore Ranch Road to Oregon-California boundary. From here it is a one-half to three-fourths mile walk in a northwesterly direction to the claim located on the west side of the ridge about 400 feet in elevation above the road.

Area: 1 lode claim.

Development: Ellinger was digging a location trench at the time the property was examined. The trench extended N. 52° E. into the hill about 7 feet.

Geology: Chrysotile asbestos veins from 1/32 to 1/4 inch wide occur in widely spaced fractures in serpentine. Four parallel fractures 2 to 3 inches wide separated by 9 to 20 inches of serpentized peridotite and containing the chrysotile veins are exposed in the location trench. The fractures strike N. 10° E. and dip at various angles to the east, some of them converging. Only a minor amount of  $\frac{1}{4}$  inch chrysotile fibers were

observed, most of them being 1/8 inch or less.

Various types of serpentized ultramafic rocks are exposed on this claim. Serpentine consisting of very thin bands of light and dark green serpentine with minute soft white to gray somewhat fibrous veinlets containing magnetite grains that are oriented perpendicular to the vein walls crops out about 100 feet southeast of the location trench. Some gabbroid type dikes occur on this claim, but specimens from one dike contained about 50 percent hornblende and thus probably is a diorite rather than a gabbro. Wells (1939) has mapped gabbro dikes in the serpentine mass on Observation Peak.

This asbestos occurrence apparently is not of commercial value because of the narrow widths of the chrysotile fibers, and the apparent small size of the asbestos-bearing zone. John Gill of the Canadian Johns-Manville Corporation examined the property and stated that it did not warrant any further prospecting.

Visited by: D.J.W. and L.R. 8-26-53; and D.J.W. and John Gill 9-9-53.

Report by: D.J.W. 10-30-53.

References: Wells, 1939; Preliminary map of the Medford Quadrangle.

# State Department of Geology and Mineral Industries

1069 State Office Building  
Portland 1, Oregon

BONNIE ASBESTOS PROSPECT (Tremolite)

Upper Applegate District  
Jackson County

Owners: R. and G. Bonnie

Area: Located claim.

Location: The deposit is located in T. 41 S., R. 3 W., Sec. 16, about 1/2 mile north of the California border. The deposit is 4 miles by trail from the Bonnie Ranch on Squaw Creek. The Bonnie Ranch is 5 miles east of the Applegate Road on the French Gulch Road. The ranch is 29½ miles from Jacksonville, Oregon.

Development: The asbestos has been prospected by several open cuts.

Geology: According to the Preliminary Geologic Map of the Grants Pass Quadrangle, the country rocks are schists of Paleozoic age. Mr. Bonnie reports that the outcrops of asbestos are numerous indicating some tonnage.

Economics: The deposit is in an inaccessible mountain country which would require that the tonnage of asbestos be large and of good quality before a road could be built.

Informant: R. Bonnie

+ur

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

Kubli Ranch (dredge)

Upper Applegate Area

Owner: Kubli and others

Operator: Charles Stearns and Owens, 56 4th Ave. West, Medford, Oreg.

Location: Sec. 22, T. 38 S., R 4W., from the mouth of Humbug Creek upstream for  $2\frac{1}{2}$  miles to mouth of Chapman Creek.

History: Only hand work in the past. Dredging commenced October 20, 1941.

Development: Five acres were dredged from October 20 - December 3. Operation is on flat ground.

Equipment: A Bodinson washing plant with a capacity of 130 cu. yd. per hour mining time. Diesel dragline, Bulldozer, carry-all, electric welder, etc.

Geology & Dredging Conditions: Bedrock is hard diorite and shale. Where bedrock is even, it is soft; where bedrock is uneven, it is hard. Boulders over 12 inches are less than 1 per cent; very little sand under  $\frac{3}{8}$  inches; per cent of clay is 5. Most of the gold is fine in size and a small amount of platinum is recovered. The gold amalgamates freely. There is plenty of water for a year around operation, the water coming from the Applegate River. Depth to bedrock is 25 feet.

Informant: Mr. Mc Donald and R. G. Bassett, December 3, 1941

Report by: R. C. Treasher 1/5/42



# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

## Kubli Ranch (dredge)

Upper Applegate

Stearns and Owens are operating this dredge in addition to Stearn's dredge on Poorman Creek, a tributary of Forest Creek. The Kubli Ranch operation calls for the resolling of better land. About 100-150 weeks of operation are anticipated.

CONFIDENTIAL

ate Department of Geology and Mineral Industries <sup>DM</sup>

---

702 Woodlark Building  
Portland, Oregon

Culey Antimony

Upper Applegate Area

Owner: Hugh Culey, Steamboat route, Jacksonville, Oregon

Location: North center sec. 14, T. 40 S., R. 4 W., on ridge  
between the forks of Kinney Creek.

Data: Reported as pods of stibnite in metavolcanic rock.  
There seems to be no continuous "ledge" or "lode" of  
stibnite. Occurrence apparently is similar to that  
of the Lowry deposit to the south. Sample of ore  
submitted by C. S. Akers.

Informant: C. S. Akers and \_\_\_\_\_ Merrick (4/29/41)

Report by : R. C. Treasher 5/2/41