

Collier Creek Copper Co. Curry Co.
JUL 1 1938

STALL
& MINERAL INDS. 6/25/38

Collier Creek Copper Company (dissolved 1912) Curry County
Frank

The work on this property was done about 1900 and nothing has been done since except possible yearly assessment work. Mr. Frank Berry has been dead about 20 years. According to Walter Fry of Agness no one claims the property at present.

Informant: J. E. Morrison

Collier Creek Copper Co. (dissolved 1912) Curry Co.
located about Sec. 30, T26S, R11W, south of Horse Sign Ranch
Frank Berry, chief owner, died 1918; apparently abandoned.
Collier vein, strike N 25° E and two branch veins Mohawk
and Taylor strike N 10° E average width 4 ft; developed by
open cuts and one shaft. Country rock Serpentinous and
decite porphyry dikes. Magnetite, cuprite, malachite, - also
copper and traces of gold and silver. (Handbook page 57-8 for details)

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

MEMORANDUM REPORT

Report of reconnaissance of several copper-nickel-cobalt prospects in the vicinity of the Hurt cabin, Collier Creek area, Curry County by H. M. Dole, L. Ramp and H. D. Wolfe--August 22-23, 1951.

INTRODUCTION

The purpose of this reconnaissance was principally to investigate the occurrence of cobalt in the Collier Creek area reported by Butler and Mitchell (1916: 96-100).

A total of seven days were required for the investigation with only two days spent in actual field work, the remaining five days being required to get to and from the area of investigation.

Prospects visited included: the Copper City Group near the Hurt cabin located in sec. 2, T. 37 S., R. 12 W.; Gray Copper No. 8 and the Adams Prospect in sec. 1, T. 37 S., R. 12 W., and Gray Copper No. 10 in sec. 36, T. 36 S., R. 12 W. Gray Copper No. 8 and No. 10 and the Adams Prospect are located near the trail extending from the Hurt cabin to the North Fork of Collier Creek.

It was not possible to determine definitely if any of the properties visited correspond to any of those listed by Butler and Mitchell (1916:96-100). Description of the Bonanza King Copper Group by Butler and Mitchell (1916:99) corresponds closely to the present Copper City Group but the map location given is considerably in variance. It is believed, however, that these represent essentially the same property. The Reid Group mentioned by Butler and Mitchell (1916:100) may correspond to any or all of the other three prospects visited--Gray Copper No. 8 and No. 10 and the Adams Prospect.

The area is reached by some 20-25 miles of dirt and gravelled road (via either Hunters Creek road or the Pistol River road which extend east from the coast highway south of Cold Beach) and then by ten miles of trail extending from the Snow Camp Mt. road to the Hurt cabin via Huntley Springs and Sourdough Camp.

GENERAL GEOLOGY

There was insufficient time on this investigation to make other than very general observations regarding the geology of the Collier Creek area. The area immediately surrounding the Hurt cabin is largely peridotite and serpentine. This is part of a large mass of ultrabasics which extends to the north to and beyond the North Fork of Collier Creek.

Department of Geology

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GENERAL GEOLOGY (continued)

Sandstone, shale and chert were noted in the area a short distance west of the Hurt cabin and extending west to the vicinity of Saddle Mt. Butler and Mitchell (1916) mapped this as part of the Dothan formation. In the area along the main branch of Collier Creek east of the Hurt cabin they have mapped a body of gneiss, termed the Craggy Gneiss. They proposed that it is a metamorphosed phase of the adjacent Dothan formation.

All prospects examined occur within the ultrabasics in serpentine shear zones. The deposits examined consist of pods or lenses, largely composed of magnetite with associated copper minerals. Cobalt occurring as erythrite is present in some deposits but in relatively minor amounts.

Butler and Mitchell (1916:54-59) in describing this type of deposit and the related shear-zones in Curry County report as follows:

" 'Boulder' or float deposits. These constitute the most interesting and, probably the most important deposits of copper in Curry county, and are so unusual in many of their features as to deserve somewhat extended description.

The first peculiarity to be noted is that the deposits are confined to serpentine, or to peridotites or allied ultrabasic rocks which have been almost completely altered to serpentine. While copper deposits in such materials are not unknown they are so rare as to make this association in itself a feature of rather unusual interest.

The second point worthy of consideration is the unusual mode of occurrence of the ore, as it is found in more or less boulder-like or lenticular masses which are usually unsystematically distributed throughout the serpentine. These individual masses vary from a few ounces to several tons in weight, and commonly appear to be absolutely unconnected by stringers or anything else. The ore (described later) resists weathering to a notable degree, although exposed portions are sometimes partially converted to limonite, and often outcrops prominently so as to have the appearance of rounded fragments which have broken off from some higher deposit of great size, and have rolled down to their present position. In fact, practically all the prospectors with whom there was opportunity to talk were of the opinion that these masses are merely float, and that, when the mother lode is discovered, it will be found

GENERAL GEOLOGY (continued)

to be a very large and rich vein of some kind. A little investigation in the field sufficed, however, to prove conclusively that each mass of ore is in place in the serpentine. Although this rock is sometimes more or less sheared and softened around the ore bodies, the ore minerals are usually confined to the nodular masses of ore themselves. In some places these little bodies of ore are comparatively close together, while in others they are widely separated, and often there seems little or no system in their distribution or magnitude.

The third unusual feature shown by these deposits relates to the nature of the minerals found in them. These consist mainly of magnetite (magnetic oxide of iron), which is often rather coarsely crystalline. Cavities frequently show the typical octahedral crystallization of this mineral, but, in at least one locality, the crystals are cubical. Associated with magnetite, are copper minerals of various kinds of which one of the commonest is chalcocite (sulphide of copper). This mineral has an unusually high luster, is notably sectile, and differs from the ordinary type of chalcocite in that the prismatic cleavage is uncommonly distinct.

Other minerals usually present in greater or less abundance are cuprite (red oxide of copper), bornite (a sulphide of copper and iron, which has a brownish color when untarnished), and native copper which is sometimes present in nodular masses weighing several pounds. Less frequently are found malachite (green carbonate of copper), azurite (blue carbonate of copper), chrysocolla (blue silicate of copper), tenorite ? (black oxide of copper), and erythrite (pinkish hydrous arsenate of cobalt). Occasionally thin crusts or films of a bright green chromium mineral of uncertain nature are also present.

In one or two localities, notably in the McKinley group east of Gold Beach, chalcopyrite (sulphide of iron and copper) and pyrrhotite (mono-sulphide of iron) constitute the bulk of the sulphide minerals. Not infrequently chromite replaces the magnetite to varying extent.

Practically no quartz or calcite, and little or no pyrite or other minerals common in ordinary vein deposits are present. In fact, the only gangue in the ore bodies is magnetite, chromite, or one or more of the other minerals already mentioned.

Mr. Frank Berry, of Agness, who has done considerable work on this material, expressed the conviction that the copper ores are always overlain with the magnetite or chromite. It is hard to explain such an occurrence, although it is true that the re-

GENERAL GEOLOGY (continued)

relationships seen in the field seem to substantiate this theory. It may be that the magnetite or chromite originally formed a core around which the sulphide minerals were deposited, and that the relative ease with which these may be disintegrated and leached away when exposed on the surface of the ground accounts for the fact that the core of magnetite or chromite is the material usually exposed. Unfortunately, most of the ore bodies examined had been so cut up or so largely removed by mining operations as to make it impossible to prove or disprove this hypothesis without the expenditure of more time and labor than could be given to the problem. . . .

"Shear-zones in serpentine. In most of the serpentine areas which contain the boulder-like masses of ore already described, there also occur zones of copper-impregnated serpentine, locally called veins. In these the ore minerals are confined to the joints and slips everywhere plentiful in the serpentine, but which appear to be especially numerous at the points where the copper mineralization is most pronounced.

Surface exposures usually show no copper minerals excepting malachite (carbonate of copper) and chrysocolla (hydrous silicate of copper), but the presence of considerable limonite (hydrous oxide of iron) at some points indicates that the original minerals were sulphides of copper and iron.

The ore resulting from such impregnation as just described is very low-grade, at least where oxidized, but these deposits are of interest since they seem to be the loci of an unusually large number of boulder deposits of the type already described. While the latter are not by any means confined to such shear-zones, in some localities they are so closely connected therewith as to make it appear possible that the systematic development of these zones will expose a sufficiently large number of boulder deposits to make mining profitable.

An interesting feature of the type of deposit under consideration is their common presence parallel and in close proximity to dikes of dacite-porphry. This suggests that the copper-bearing solutions have come directly from the dacite-porphry after the serpentinization of the basic rocks into which they have been intruded, or that they have risen along the dacite-porphry contact and spread into the adjacent sheared serpentine. They may have come from the same magma reservoir as did the dacite-porphry. It has been suggested that the shear-zone deposits represent contact deposits originally of quite different types, which were later changed to their present condition as a result of the serpentinization process. The fact that the fragments of serpentine between the films of copper minerals do not themselves appear to be cupriferous, makes it appear unlikely that any considerable metamorphism

GENERAL GEOLOGY (continued)

Shear-zones in serpentine (continued)

has occurred after the introduction of the copper minerals; and the small size of some of the dacite-porphry dikes mitigates against the theory that the mineralizing solutions were expelled directly from them during solidification. As some decidedly sheared zones of serpentine in the neighborhood of boulder deposits show no copper stains, and as it is difficult to understand how serpentinization could produce two such distinctly different types of deposits as the boulders and shear-zones, it seems most likely that the ore solutions have risen along the dacite-porphry and spread into the adjacent sheared serpentine."

DESCRIPTION OF PROSPECTS

Copper City Group (Cu, Ni, Co)

Old name: Bonanza King Copper Group

Owner: J. B. Myers, Gold Beach, Oregon

Area: 8 lode claims

Location: All claims are near the Hurt cabin with the main workings being located some 700-800 feet southwest of the cabin (see attached sketch map).

History: According to Butler and Mitchell (1916:99) the Bonanza King Group consisted of three claims in 1916 owned by E. G. Hurt of Agness. He purchased one, the Bonanza King, of W. W. Whitton, in 1898, and the second, the Bonanza King extension, in 1912 from R. J. Canfield. A third claim, the Spotted Faun, was located by Hurt in 1912.

The ownership and the name has apparently changed several times since then.

The only reported production was described by Butler and Mitchell (1916:53-54) as follows:

"Mr. E. G. Hurt, of Agness, was interviewed upon the arrival of the party at that point. He claimed that Dr. T. R. Hines took 45 tons of copper ore from Hurt's copper properties near Collier creek, and shipped it to San Francisco in 1908. The ore is said to have been brought to Agness on pack-horses,

DESCRIPTION OF PROSPECTS (continued)

carried to Gold Beach in small boats, and then shipped by water to San Francisco. No information concerning the outcome of this venture was obtainable as Dr. Hines was never heard from after taking out the ore. It is claimed, however, that 2,700 pounds of the ore, which happened to be left in Agness, was shipped by Mr. Ed. Miller in order to secure reimbursement for packing expenses incurred; and that it paid the cost of shipment and treatment, and yielded a net profit of \$45. It is said that this ore consisted chiefly of bornite, but contained some native copper."

Geology and Development:

Development work consists of numerous open cuts, three short adits, two of which are partially or completely caved and two shafts, also partially caved. See accompanying sketch map. Apparently most of this work was done during the early 1900's with very little development having been done since that time.

Butler and Mitchell (1916:99-100) reported on the property as follows:

"Lode 21. Bonanza King copper group. . . . Two tunnels, one 60 and the other 48 feet long, were driven on the property, which was also opened up by means of 8 open cuts and shafts. Although work was done as late as 1914, all of the openings have so badly caved as to make it impossible to secure accurate data concerning the deposits. From what observations it was possible to make, they appeared to be largely of the boulder type, although one or more mineralized shear-zones may also be present. In several cases a little moderately deep development has gone under the ore into seemingly barren serpentine, bearing out the conclusion that most of the deposits are of the boulder type. Hurt claims that it was ore on the various dumps of this group which was taken by Dr. T. R. Hines, heretofore mentioned.

The principal ore mineral is undoubtedly chalcocite or copper glance (sulphide of copper), although considerable cuprite (red oxide of copper) and native copper are also present. Magnetite (magnetic oxide of iron) seems to have been invariably associated with the copper ores, and it is claimed that this mineral itself carries copper in every case. This is borne out by the fact that a specimen of seemingly pure magnetite from the Copper King tunnel on the Collier creek group proved to contain 50.05 per cent iron, 2.43 per cent copper, and no sulphur, phosphorous, titanium, or arsenic.

Where the copper ores outcrop on the surface, they have

Geology and Development (continued)

been oxidized to malachite (green carbonate of copper) and azurite (blue carbonate of copper). Occasionally a little erythrite (pink arsenate of cobalt) is also present. These substances are said to give place to chalcocite, cuprite, and native copper a few feet from the surface in every case. Some of the ore still on the dumps is apparently very rich, and a general sample of such material from a number of points on the Bonanza King group yielded 20.137 per cent copper, .06 oz. gold, and .12 oz. silver per ton." . . .

The workings shown on the accompanying sketch map are grouped in three separate locations: The first group (points A-B-C-D-E-F-G on the map) is located about 700-800 feet southwest of the Hurt cabin; the second group (points H and I) is located about 700 feet south of the cabin; and the third group (points J and K) is located about 700-800 feet southeast of the cabin.

The first group is said to be the source of the 45 tons of ore reported to have been shipped from the Bonanza King claims in 1908 (Butler and Mitchell 1916:53). Workings of this group shown on the sketch map are described below.

Point A, shaft in sheared serpentine, caved but reopened to 15 foot depth. Point B, adit reported to be 60 feet in length and to extend to about under the shaft at point A. There are a few tons of ore on the dump composed largely of magnetite with notable amounts of chalcocite, malachite, azurite and erythrite. Two assay samples (2A and 2B) were taken of this ore. Point C, open cut 10 feet wide, 5 to 10 feet deep and 50 feet long in sheared serpentine. Point D, open cut 30 feet long and a 15 foot adit entirely in sheared serpentine. The shear planes are nearly vertical and show a strike N. 35° E. In places there is considerable malachite present. Point E, caved shaft reported to be 20 feet deep. Dump shows considerable limonite with some magnetite and malachite. Northwest of the shaft about 15 feet, a serpentine outcrop shows a strike of N 10° W and a dip of 40° to the northeast. Point F, caved shaft reported to be about 40 feet deep extending to adit below, and an open cut 15 feet long, 10 feet wide and 5 to 10 feet deep, exposing limonite gossan with some magnetite and malachite. The gossan body trends N. 25° E. Heavy gossan float continues north of the cut a few feet, then ends abruptly. One assay sample (No. 1) was taken of the gossan. Point G, adit reported to be 70 feet long, now caved at 40 feet back. The adit is entirely in serpentine, generally massive, but with some fractures which strike east. There is some malachite staining along the west wall at the portal.

Geology and Development (continued)

Workings of the second group are as follows. Point H, shallow open cut 10 feet long in serpentine showing malachite staining along fracture planes. Point I, two parallel open cuts which trend N. 55° W. West cut exposes sheared serpentine with a minor amount of malachite. East cut is 20 feet long, 5 feet wide and 30 feet deep at the face. A lens of magnetite 2 inches wide and 6 inches long is exposed along the northeast wall. It contains some chalcocite, azurite and malachite. Ore on the dump is magnetite with chalcocite, malachite and erythrite.

Workings of the third group are as follows. Point J, two parallel open cuts which trend north, each 6 feet wide, 15 feet long and 15 feet deep at the face. These cuts expose a zone of gossan 6-8 feet wide in serpentine. The zone strikes east and dips 70° N. Blocks of massive sulphides appear in the gossan. Disseminated light gray sulphides with erythrite appear in places in the gossan. Two assay samples (Nos. 3 and 4) were taken from the gossan zone in the west cut. Point K, open cut 30 feet long and 8 feet wide exposing sheared serpentine and a 3 foot zone of gossan. Ore on the dump contains magnetite, gossan, erythrite and malachite.

Description and assay results of samples taken at the Copper City Group. Location of samples is shown on the accompanying sketch map of the workings:

Sample No.	Description	Au	Ag	Co	Ni	Cu
(1) P-11962	10 foot chip sample across gossan body	Nil	oz./T 0.70	0.10%	0.10%	---
(2A) P-11960	general grab sample of dump	Nil	oz./T 0.30	0.50%	0.50%	5.10%
(2B) P-11961	picked sample from dump showing considerable erythrite	---	----	----	0.50%	----
(3) P-11963	grab sample of massive sulphides in gossan.	oz./T 0.20	Nil	0.20%	----	4.20%
(4) P-11964	picked sample of gossan with disseminated light gray sulphides and erythrite	oz./T 0.28	Tr	0.10%	2.00%	Tr.

DESCRIPTION OF PROSPECTS

GRAY COPPER No. 8 (Cu,Co,Ni)

Owner: Leda Kent

Area: 1 lode claim

Location: The claim is located northeast of the Hurt cabin about $1\frac{1}{2}$ miles on the trail extending to the North Fork of Collier Creek in sec. 1, T. 37 S., R. 12 W. The location cut is about 500 feet due east of the trail and some 200 feet lower. Elevation at the cut is 1530 feet by aneroid.

Geology and Development: Development work consists of one drift, trending N 10° E, now caved. The size of the dump indicates that the drift was possibly 50 feet or more in length. Rock in the vicinity of the drift is largely massive serpentine with some sheared serpentine.

The dump consists of gossan with magnetite and some malachite. A grab sample (P-11965) from the dump consisting of magnetite and malachite assayed as follows: Au-0.08 oz/T., Ag-trace; Cu-1.0%; Co-0.10% and Ni-0.50%.

DESCRIPTION OF PROSPECTS

ADAMS PROSPECT (Cu)

Owner: Phil Adams, Gold Beach, Oregon

Area: 1 lode claim

Location: The claim is located northeast of the Hurt cabin about $1\frac{1}{2}$ miles on the trail extending to the North Fork of Collier Creek in sec. 1, T. 37 S., R. 12 W. The location cut is about 600 feet east of the trail along the crest of a small ridge which divides the North and Middle Forks of Collier Creek. Elevation at the cut is 1820 feet by aneroid, about 100 feet lower than the trail.

Geology and Development: Development work consists of a small cut 8 feet long, 4 feet wide and 6 feet deep at the face, now badly caved. The dump shows some gossan with some malachite, chalcocite and magnetite. The gossan appears to be brecciated. A grab sample (P-11966) of the gossan assayed as follows: Au-nil; Ag-trace; Cu-3.70%. The predominant rock in the vicinity of the cut is serpentine, usually sheared.

DESCRIPTION OF PROSPECTS

GRAY COPPER No. 10 (Cu, Co, Ni)

Owner: J. B. Myers, Gold Beach, Oregon

Area: 1 lode claim

Location: The claim is located on a series of benches a few hundred feet above the North Fork of Collier Creek in sec. 36, T. 36 S., R. 12 W. It is located just above the trail extending from the Hurt cabin to the North Fork of Collier Creek about $1\frac{1}{2}$ miles from the Hurt cabin. Elevation of principal cut--1975 feet.

Geology and Development: Development work consists of two small cuts in serpentine. One cut which is located just above the trail shows no mineralization whatsoever. A second cut, about 60 feet elevation above the first is 15 feet long and 4 feet wide and exposes pieces of magnetite with minor malachite. Magnetite is reported to occur at several places on the hillside above this cut. A grab sample (P-11967) of the magnetite from the dump assayed as follows: Cu-3.90%; Co-0.10%; and Ni-0.20%.

REFERENCES: Butler, G. M., and Mitchell, G. J.
1916 Preliminary survey of the geology
and mineral resources of Curry
County, Oregon: Oregon Bureau of
Mines and Geology, Mineral Resources
of Oregon No. 2.

Informant: J. B. Myers

Report by: H. D. Wolfe

Date of Report: April 25, 1952

Beach Placers North of Wedderburn

Gold Beach Dist
Curry County

The MacLeay Estate owns several miles along the beach North of Wedderburn which includes the Collins Mine and various other prospects that are reported from time to time. The latest is the one eight miles north of Wedderburn operated by E. G. Kingwell, 1405 N. Summer, Salem, Oregon. During the fall of 1938, he carried on experiment work on the sands with a 50 ton Kroll Amalgamator. At the time of my visit he had not progressed far enough with his work to determine any results. The local representative of the MacLeay Estate is S. O. Newhouse of Wedderburn, Oregon.

Confidential: Mr. Newhouse will not give any leases on the Beach sand until the concern has proved that they have a commercial proposition. Mr. Kingwell was operating without a lease.

Informant: J. E. Morrison. Oct. 27, 1938.

LG 551 - Spec + Cu, Co, Ni, Au

REQUEST FOR SAMPLE INFORMATION

LG 552 Co

The State Law governing free analysis of samples sent to State Assay Laboratories requires that certain information be furnished the Laboratory regarding samples sent for assay or identification. A copy of the law will be found on the back of this blank. Please fill in the information called for as completely as possible, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

Your name in full H. D. Wolfe

Post office address DOGAMI Grants Pass, Oregon

Are you a citizen of Oregon Yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Joe Myers

Name of claim sample obtained from Copper City #4

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 37 S Range 12 W Section 2 Quarter section NW of SW

How far from passable road and name of road 10 miles to Snow Camp Road

Channel (length)	Grab	Assay for	Description
Sample no. 1	<input checked="" type="checkbox"/>	<u>Spec. & Cu, Ni, Co, Au, Ag.</u>	<u>magnetite, chalcocite, malachite, erythrite</u>
Sample no. 2	<input checked="" type="checkbox"/>	<u>Co</u>	<u>same</u>

(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description #1 general grab sample of dump - largely magnetite with chalcocite, malachite and erythrite. Field sample 2A #2 selected sample from dump showing considerable erythrite. Field sample 2B

Sample number	GOLD		SILVER		COPPER	NICKEL	COBALT	
	oz./T.	Value	oz./T.	Value	Cu	Ni	Co	
P-11960 LG-551	Nil	--	0.30	\$0.27	5.10%	0.50%	0.50%	--
P-11961 LG-552	--	--	--	--	--	0.50%	--	--

Report issued _____ Card filed _____ Report mailed 11-2-51 Called for _____

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

LG 556

REQUEST FOR SAMPLE INFORMATION

Cu, Ni, Co, Au, Ag

The State Law governing free analysis of samples sent to State Assay Laboratories requires that certain information be furnished the Laboratory regarding samples sent for assay or identification. A copy of the law will be found on the back of this blank. Please fill in the information called for as completely as possible, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

Your name in full H. D. Wolfe

Post office address DOGAMI, Grants Pass, Oregon

Are you a citizen of Oregon Yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Leda Kent

Name of claim sample obtained from Gray Copper #8

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 37 S Range 12 W Section 1 Quarter section SE of NW

How far from passable road and name of road 11 miles to Snow Camp Road

Channel (length) Grab Assay for Description

Sample no. 1 x Cu, Ni, Co, Au, Ag magnetite with malachite

Sample no. 2 _____
(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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Description field sample #5 - grab sample from dump - largely magnetite in serpentine with malachite.

Sample number	GOLD		SILVER		COPPER	COBALT	NICKEL	
	oz./T.	Value	oz./T.	Value	Cu	Co	Ni	
P-11965 LG-556	0.08	\$2.80	Trace	- -	1.0%	0.10%	0.50%	- - -

Report issued _____ Card filed _____ Report mailed 11-2-51 Called for _____

LG 553

Au, Ag, Co, Ni

REQUEST FOR SAMPLE INFORMATION

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Your name in full H. D. Wolfe

Post office address DOGAMI Grants Pass, Oregon

Are you a citizen of Oregon Yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Joe Myers

Name of claim sample obtained from Copper City #4

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 37 S Range 12 W Section 2 Quarter section NW of SW

How far from passable road and name of road 10 miles to Snow Camp Road

Channel (length) Grab Assay for Description

Sample no. 1 10' chip sample Au, Ag, Co, Ni gossan

Sample no. 2 _____
(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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Description limonite gossan Field Sample # 1

Sample number	GOLD		SILVER		COBALT	NICKEL		
	oz./T.	Value	oz./T.	Value	Co	Ni		
P-11962 LG-553	Nil	- -	0.70	\$0.63	0.10%	0.10%	- - -	- - -

Report issued _____ Card filed _____ Report mailed 11-2-51 Called for _____

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

LG-557

Spec. Au-Ag-Cu

REQUEST FOR SAMPLE INFORMATION

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Your name in full H. D. Wolfe

Post office address DOGAMI, Grants Pass, Oregon

Are you a citizen of Oregon yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Phil Adams

Name of claim sample obtained from _____

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 37 S Range 12 W Section 1 Quarter section NE

How far from passable road and name of road 1 1/2 miles to Snow Camp Road

Sample no.	Channel (length)	Grab	Assay for	Description
1		x	Spec. & Au, Ag, Cu	gossan

Sample no. 2 _____
(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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Description Field sample #6 - gossan- brecciated- magnetite with some chalcocite and malachite present

Sample number	GOLD		SILVER		COPPER			
	oz./T.	Value	oz./T.	Value	Cu			
P-11966 LG-557	Nil	--	Trace	--	3.70%	---	---	---

Report issued _____ Card filed _____ Report mailed 11-3-51 Called for _____

LG 558
Spec Cu, Co, Ni

REQUEST FOR SAMPLE INFORMATION

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Your name in full H. D. Wolfe

Post office address DOGAMI Grants Pass, Oregon

Are you a citizen of Oregon Yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Joe Myers

Name of claim sample obtained from Gray Copper #10

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 36 S Range 12 W Section 36 Quarter section SW

How far from passable road and name of road 12 miles to Snow Camp Road

Channel (length)	Grab	Assay for	Description
Sample no. 1	<u>x</u>	<u>Spec. & Cu, Co, Ni</u>	<u>magnetite & malachite</u>

Sample no. 2 _____
(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description field sample #7 - picked sample from dump at small cut - largely magnetite with malachite staining.

Sample number	GOLD		SILVER		COPPER	COBALT	NICKEL	
	oz./T.	Value	oz./T.	Value	Cu	Co	Ni	
P-11967	- - -	- -	- - -	- -	3.90%	0.10%	0.20%	- - -
LG-558								

Report issued _____ Card filed _____ Report mailed 11-3-51 Called for _____

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

LG 557
Spec. Au, Ag, Cu

REQUEST FOR SAMPLE INFORMATION

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Your name in full H. D. Wolfe

Post office address DOGAMI Grants Pass, Oregon

Are you a citizen of Oregon Yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Phil Adams

Name of claim sample obtained from _____

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 37 S Range 12 W Section 1 Quarter section NE

How far from passable road and name of road 1 1/2 miles to Snow Camp Road

Channel (length)	Grab	Assay for	Description
Sample no. 1	<u>x</u>	<u>Spec. & Au, Ag, Cu</u>	<u>gossan</u>

Sample no. 2 _____
(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description Field sample #6 - gossan- brecciated- magnetite with some chalcocite and malachite present

Sample number	GOLD		SILVER		COPPER			
	oz./T.	Value	oz./T.	Value	Cu			
P-11986	Nil	- -	Trace	- -	3.70%	- - -	- - -	- - -
LG-557								

Report issued _____ Card filed _____ Report mailed 11-3-51 Called for _____

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

LG 554 - Au, Ag, Co, Cu.
LG 555 - Spec + Co, Cu, Au, Ag

REQUEST FOR SAMPLE INFORMATION

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Your name in full H. D. Wolfe

Post office address DOGAMI, Grants Pass, Oregon

Are you a citizen of Oregon Yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Joe Myers

Name of claim sample obtained from Copper City #3

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 37 S Range 12 W Section 2 Quarter section SW of SE

How far from passable road and name of road 10 miles to Snow Camp Road

Channel (length)	Grab	Assay for	Description
Sample no. 1	<input checked="" type="checkbox"/>	Au, Ag, Co, Cu	massive sulphides
Sample no. 2	<input checked="" type="checkbox"/>	Spec. & Co, Cu, Au, Ag	gossan with disseminated sulphides

(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description #1 field sample #3 - picked sample of massive sulphide zones in gossan #2 field sample #4 - picked sample gossan with disseminated white sulphide and erythrite.

Sample number	GOLD		SILVER		COPPER	COBALT	NICKEL
	oz./T.	Value	oz./T.	Value	Cu	Co	Ni
P-11963 LG-554	0.20	\$7.00	Nil	- -	4.20%	0.20%	- - -
P-11964 LG-555	0.28	\$9.80	Trace	- -	Trace	0.10%	2.00%

Report issued _____ Card filed _____ Report mailed 11-2-51 Called for _____

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

LG 551 - Spec + Cu-Co-Ni-Au

REQUEST FOR SAMPLE INFORMATION LG 552 - Co

revised

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Your name in full H. D/ Wolfe

Post office address DOGAMI Grants Pass, Oregon

Are you a citizen of Oregon yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Joe Myers

Name of claim sample obtained from Copper City #4

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

County Curry Mining district Agness

Township 37 S Range 12 W Section 2 Quarter section NW of SW

How far from passable road and name of road 10 miles to Snow Camp Road

Channel (length)	Grab	Assay for	Description
Sample no. 1	<u>x</u>	<u>Spec. & Cu, Ni, Co, Au, Ag</u>	<u>magnetite, chalcocite, malachite, erythrite</u>

Sample no. 2	<u>x</u>	<u>Co</u>	<u>same</u>
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(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description #1 general grab sample of dump. - largely magnetite with chalcocite, malachite and erythrite. Field sample 2A #2 selected sample from dump showing considerable erythrite. Field sample 2B

Sample number	GOLD		SILVER		COPPER	NICKEL	COBALT	
	oz./T.	Value	oz./T.	Value	Cu	Ni	Co	
P-11960 LG-551	Nil	--	0.30	\$0.27	5.10%	0.50%	0.50%	---
P-11961 LG-552	---	--	---	--	---	0.50%	---	---

Report issued _____ Card filed _____ Report mailed 11-2-51 Called for _____

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

LG-554 - Au-Ag-Co-Cu-
LG-555 - Spec. + Co-Cu-Au-Ag

2007

REQUEST FOR SAMPLE INFORMATION

The State Law governing free analysis of samples sent to State Assay Laboratories requires that certain information be furnished the Laboratory regarding samples sent for assay or identification. A copy of the law will be found on the back of this blank. Please fill in the information called for as completely as possible, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

Your name in full H. D. Wolfe

Post office address DOGAMI, Grants Pass, Oregon

Are you a citizen of Oregon yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Joe Myers

Name of claim sample obtained from Copper City #3

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 37 S Range 12 W Section 2 Quarter section SW of SE

How far from passable road and name of road 10 miles to Snow Camp Road

Channel (length)	Grab	Assay for	Description
Sample no. 1	<input checked="" type="checkbox"/>	Au, Ag, Co, Cu	massive sulphides
Sample no. 2	<input checked="" type="checkbox"/>	Spec. & Co, Cu, Au, Ag	gossan with disseminated/ sulphides

(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description #1 field sample #3 - picked sample of massive sulphide zones in gossan #2 field sample #4 - Picked sample gossan with disseminated white sulphide and erythrite.

Sample number	GOLD		SILVER		COPPER	COBALT	NICKEL	
	oz./T.	Value	oz./T.	Value	Cu	Co	Ni	
P-11963 LG-554	0.20	\$7.00	Nil	--	4.20%	0.20%	---	---
P-11964 LG-555	0.28	\$9.80	Trace	--	Trace	0.10%	2.00%	---

Report issued _____ Card filed _____ Report mailed 11-2-51 Called for _____

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

LG 556

Cu, Ni, Co, Au, Ag

REQUEST FOR SAMPLE INFORMATION

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Your name in full H. D. Wolfe

Post office address DOGAMI, Grants Pass, Oregon

Are you a citizen of Oregon Yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Leda Kent

Name of claim sample obtained from Gray Copper #8

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 37 S Range 12 W Section 1 Quarter section SE of NW

How far from passable road and name of road 11 miles to Snow Camp Road

Channel (length) Grab Assay for Description

Sample no. 1 x Cu, Ni, Co, Au, Ag magnetite with malachite

Sample no. 2 _____
(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description field sample #5 - grab sample from dump - largely magnetite in serpentine with malachite.

Sample number	GOLD		SILVER		COPPER	COBALT	NICKEL	
	oz./T.	Value	oz./T.	Value	Cu	Co	Ni	
P-11965 LG-556	0.08	\$2.80	Trace	- -	1.0%	0.10%	0.50%	- - -

Report issued _____ Card filed _____ Report mailed 11-2-51 Called for _____

Au, Ag, Co, Ni

REQUEST FOR SAMPLE INFORMATION

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Your name in full H. D. Wolfe

Post office address DOGAMI Grants Pass, Oregon

Are you a citizen of Oregon Yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Joe Myers

Name of claim sample obtained from Copper City #4

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 37 S Range 12 W Section 2 Quarter section NW of SW

How far from passable road and name of road 10 miles to Snow Camp Road

	Channel (length)	Grab	Assay for	Description
Sample no. 1	<u>10' chip sample</u>		<u>Au, Ag, Co, Ni</u>	<u>gossan</u>

Sample no. 2 _____
(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description limonite gossan Field Sample #1

Sample number	GOLD		SILVER		COBALT	NICKEL		
	oz./T.	Value	oz./T.	Value	Co	Ni		
P-11982 LG-553	Nil	- -	0.70	\$0.63	0.10%	0.10%	- - -	- - -

Report issued _____ Card filed _____ Report mailed 11-2-51 Called for _____

Spec. Au, Ag, Cu

REQUEST FOR SAMPLE INFORMATION

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Your name in full H. D. Wolfe

Post office address DOGAMI Grants Pass, Oregon

Are you a citizen of Oregon Yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Phil Adams

Name of claim sample obtained from _____

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 37 S Range 12 W Section 1 Quarter section NE

How far from passable road and name of road 1 1/2 miles to Snow Camp Road

Channel (length)	Grab	Assay for	Description
Sample no. 1	<input checked="" type="checkbox"/>	Spec. & Au, Ag, Cu	gossan

Sample no. 2 _____
(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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Description Field sample #6 - gossan- brecciated- magnetite with some chalcocite and malachite present

Sample number	GOLD		SILVER		COPPER			
	oz./T.	Value	oz./T.	Value	Cu			
P-11966 LG-557	Nil	- -	Trace	- -	3.70%	- - -	- - -	- - -

Report issued _____ Card filed _____ Report mailed 11-3-51 Called for _____

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

LG 558

Spec. Cu, Co, Ni

REQUEST FOR SAMPLE INFORMATION

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Your name in full H. D. Wolfe

Post office address DOGAMI Grants Pass, Oregon

Are you a citizen of Oregon yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Joe Myers

Name of claim sample obtained from Gray Copper #10

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 36 S Range 12 W Section 36 Quarter section SW

How far from passable road and name of road 12 miles to Snow Camp Road

Channel (length) Grab Assay for Description

Sample no. 1 x Spec. & Cu, Co, Ni magnetite & malachite

Sample no. 2 _____

(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description field sample #7 - picked sample from dump at small cut - largely magnetite with malachite staining.

Sample number	GOLD		SILVER		COPPER	COBALT	NICKEL	
	oz./T.	Value	oz./T.	Value	Cu	Co	Ni	
P-1196 LG-558	- - -	- -	- - -	- -	3.90%	0.10%	0.20%	- - -

Report issued _____ Card filed _____ Report mailed 11-3-51 Called for _____

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

LG 554 Au, Ag, Co, Cu
LG 555 Spec & Co, Cu, Au, Ag

REQUEST FOR SAMPLE INFORMATION

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Your name in full H. D. Wolfe

Post office address DOGAMI, Grants Pass, Oregon

Are you a citizen of Oregon Yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Joe Myers

Name of claim sample obtained from Copper City #3

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

County Curry Mining district Agness

Township 37 S Range 12 W Section 2 Quarter section SW of SE

How far from passable road and name of road 10 miles to Snow Camp Road

Sample no.	Channel (length)	Grab	Assay for	Description
1		x	Au, Ag, Co, Cu	massive sulphides
2		x	Spec. & Co, Cu, Au, Ag	gossan with disseminat

(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description #1 field sample #3 - picked sample of massive sulphide zones in gossan #2 field sample #4 - picked sample gossan with disseminated white sulphide and erythrite.

Sample number	GOLD		SILVER		COPPER	COBALT	NICKEL	
	oz./T.	Value	oz./T.	Value	Cu	Co	Ni	
P-11963 LG-554	0.20	\$7.00	Nil	- -	4.20%	0.20%	- - -	- - -
P-11964 LG-555	0.28	\$9.80	Trace	- -	Trace	0.10%	2.00%	- - -

Report issued _____ Card filed _____ Report mailed 11-2-51 Called for _____

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

LG-556
Cu-Ni-Co-Au-Ag

REQUEST FOR SAMPLE INFORMATION

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Your name in full H. D. Wolfe

Post office address DOGAMI, Grants Pass, Oregon

Are you a citizen of Oregon yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Leda Kent

Name of claim sample obtained from Gray Copper #8

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

County Gurry Mining district Agness

Township 37 S Range 12 W Section 1 Quarter section SE of NW

How far from passable road and name of road 11 miles to Snow Camp Road

Sample no.	Channel (length)	Grab	Assay for	Description
1		x	Cu, Ni, Co, Au, Ag	magnetite with malachite

Sample no. 2 _____
(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description field sample #5 - grab sample from dump - largely magnetite in serpentine with malachite

Sample number	GOLD		SILVER		COPPER	COBALT	NICKEL	
	oz./T.	Value	oz./T.	Value	Cu	Co	Ni	
P-11965 LG-556	0.08	\$2.80	Trace	- -	1.0%	0.10%	0.50%	- - -

Report issued _____ Card filed _____ Report mailed 11-2-51 Called for _____

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

LG 553

Tu-Ag-Co-Ni

REQUEST FOR SAMPLE INFORMATION

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Your name in full H. D. Wolfe

Post office address DOGAMI Grants Pass, Oregon

Are you a citizen of Oregon yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Joe Myers

Name of claim sample obtained from Copper City, #4

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 37 S Range 12 W Section 2 Quarter section NW of SW

How far from passable road and name of road 10 miles to Snow Camp Road

	Channel (length)	Grab	Assay for	Description
Sample no. 1	<u>10' chip sample</u>		<u>Au, Ag, Co, Ni</u>	<u>gossan</u>

Sample no. 2 _____
(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description limonite gossan Field Sample #1

Sample number	GOLD		SILVER		COBALT	NICKEL		
	oz./T.	Value	oz./T.	Value	Co	Ni		
<u>P-11962</u> <u>LG-553</u>	<u>N11</u>	<u>--</u>	<u>0.70</u>	<u>\$0.63</u>	<u>0.10%</u>	<u>0.10%</u>	<u>---</u>	<u>---</u>

Report issued _____ Card filed _____ Report mailed 11-2-51 Called for _____

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

LG 551 - Spec + Cu, Co, Ni, Au
LG 552 - Co

REQUEST FOR SAMPLE INFORMATION

The State Law governing free analysis of samples sent to State Assay Laboratories requires that certain information be furnished the Laboratory regarding samples sent for assay or identification. A copy of the law will be found on the back of this blank. Please fill in the information called for as completely as possible, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

Your name in full H. D. Wolfe

Post office address DOGAMI Grants Pass, Oregon

Are you a citizen of Oregon Yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Joe Myers

Name of claim sample obtained from Copper City #4

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point)

County Curry Mining district Agness

Township 37 S Range 12 W Section 2 Quarter section NW of SW

How far from passable road and name of road 10 miles to Snow Camp Road

Channel (length)	Grab	Assay for	Description
Sample no. 1	<input checked="" type="checkbox"/>	Spec. & Cu, Ni, Co, Au, Ag	magnetite, chalcocite, malachite, erythrite

Sample no. 2	<input checked="" type="checkbox"/>	Co	same
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(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description #1 general grab sample of dump - largely magnetite with chalcocite, malachite and erythrite. Field sample 2A #2 selected sample from dump showing considerable erythrite. Field sample 2B

Sample number	GOLD		SILVER		COPPER	NICKEL	COBALT	
	oz./T.	Value	oz./T.	Value	Cu	Ni	Co	
P-11960 LG-551	Nil	- -	0.30	\$0.27	5.10%	0.50%	0.50%	- - -
P-11961 LG-552	- - -	- -	- - -	- -	- - -	0.50%	- - -	- - -

Report issued _____ Card filed _____ Report mailed 11-2-51 Called for _____

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

LG-558
Spec. Cu-Co-Ni

REQUEST FOR SAMPLE INFORMATION

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Your name in full H. D. Wolfe

Post office address DOGAMI Grants Pass, Oregon

Are you a citizen of Oregon yes Date on which sample is sent 9-15-51

Name (or names) of owners of the property Joe Myers

Name of claim sample obtained from Gray Copper #10

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

County Curry Mining district Agness

Township 36 S Range 12 W Section 36 Quarter section SW

How far from passable road and name of road 12 miles to Snow Camp Road

Channel (length)	Grab	Assay for	Description
Sample no. 1	<u>x</u>	<u>Spec. & Cu, Co, Ni</u>	<u>magnetite & malachite</u>

Sample no. 2 _____
(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)

IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded.

(Signed) H. D. Wolfe

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

Description field sample #7 - Picked sample from dump at small cut - largely magnetite with malachite staining.

Sample number	GOLD		SILVER		COPPER	COBALT	NICKEL	
	oz./T.	Value	oz./T.	Value	Cu	Co	Ni	
P-11967 LG-558	- - -	- -	- - -	- -	3.90%	0.10%	0.20%	- - -

Report issued _____ Card filed _____ Report mailed 11-3-51 Called for _____

RECORD IDENTIFICATION

RECORD NO..... M061693
RECORD TYPE..... XIM
COUNTRY/ORGANIZATION. USGS
MAP CODE NO. OF REC..

REPORTER

UPDATED..... 81 02
BY..... BRADLEY, R.; WALKER, G. W.
FERN, MARK L. (BROOKS, HOWARD C.)
FERN, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... COLLIER CREEK COPPER NO. 13

MINING DISTRICT/AREA/SUBDIST. AGNESS

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

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

COUNTY..... CURRY
DRAINAGE AREA..... 17100311 PACIFIC NORTHWEST
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 COLLIER BUTTE

LATITUDE LONGITUDE
42-23-17N 124-03-42W

UTM NORTHING UTM EASTING UTM ZONE NO
4693200. 412600. +10

TWP..... 37S
RANGE..... 12W
SECTION.. 12
MERIDIAN. W.M. (L.C.)

ALTITUDE.. 0800

COMMODITY INFORMATION

COMMODITIES PRESENT..... CR

POTENTIAL.....
OCCURRENCE..... CR

ORE MATERIALS (MINERALS, ROCKS, ETC.):
CHROMITE

MAIN ORE MINERALS:
CHROMITE

ANALYTICAL DATA (GENERAL)
ASSAY ONLY: 50.04% CR2O3, 13.64% FE

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 1
PRESENT/LAST OWNER..... C. M. TAYLOR

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
MASSIVE CHROMITE
FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT..... SMALL

PRODUCTION
NO PRODUCTION

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

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR
HOST ROCK TYPES..... SERPENTINE

GENERAL COMMENTS

CONSV. RECORD (4013603) MERGED WITH THIS RECORD AND DELETED FROM OREGON FILE.

GENERAL REFERENCES

1) RAMP, LEN, 1961, CHROMITE IN SOUTHWESTERN OREGON: OREGON DEPT. GEOLOGY AND MINERAL IND. BULL. 52, 169 P., P
117

RECORD IDENTIFICATION

RECORD NO..... M015585
RECORD TYPE..... XIM
COUNTRY/ORGANIZATION. USGS
MAP CODE NO. OF REC..

REPORTER

NAME..... BRADLEY, ROBIN; WALKER, GEORGE W.
DATE..... 79 03

NAME AND LOCATION

DEPOSIT NAME..... COLLIER CREEK

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

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

COUNTY..... CURRY
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 COLLIER BUTTE (1954)

LATITUDE LONGITUDE
42-23-29N 124-02-57W

UTM NORTHING UTM EASTING UTM ZONE NO
4693550. 413650. +10

TWP..... 037S 036S
RANGE.... 012W 011W
SECTION.. 01 12 20 29 30
MERIDIAN. WILLAMETTE

POSITION FROM NEAREST PROMINENT LOCALITY: AREA N. OF HURT CABIN SITE

LOCATION COMMENTS: AREA EXTENDS INTO 4 TOWNSHIPS; SEC 20 , 29 , 30 , 31 , T 36 S, R 11 W; SOUTH EDGE OF SEC 36
T 36 S, R 12 W; SEC 1 , 2 , T 37 S, R 12 W; AND MINOR PATCHES IN SEC. 6 , T 37 S, R 11 W.

COMMODITY INFORMATION

COMMODITIES PRESENT..... NI CR CO FE

ANALYTICAL DATA(GENERAL)
ASSAYS IN REFERENCE

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

LATERITES

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

MAX THICKNESS..... 35 FT

COMMENTS(DESCRIPTION OF DEPOSIT):

ROCK CONTENT VARIES FROM ABOUT 30 TO 80 %

PRODUCTION

UNDETERMINED

GEOLOGY AND MINERALOGY

HOST ROCK TYPES..... LATERITES

IGNEOUS ROCK TYPES..... DIKES AND STOCKS WHICH VARY IN COMPOSITION AND TEXTURE TO INCLUDE DIABASE, GABBRO
DACITE, DIDRITE

LOCAL GEOLOGY

SIGNIFICANT LOCAL STRUCTURES:

THRUST FAULT

SIGNIFICANT ALTERATION:

SERPENTINIZATION

COMMENTS (GEOLOGY AND MINERALOGY):

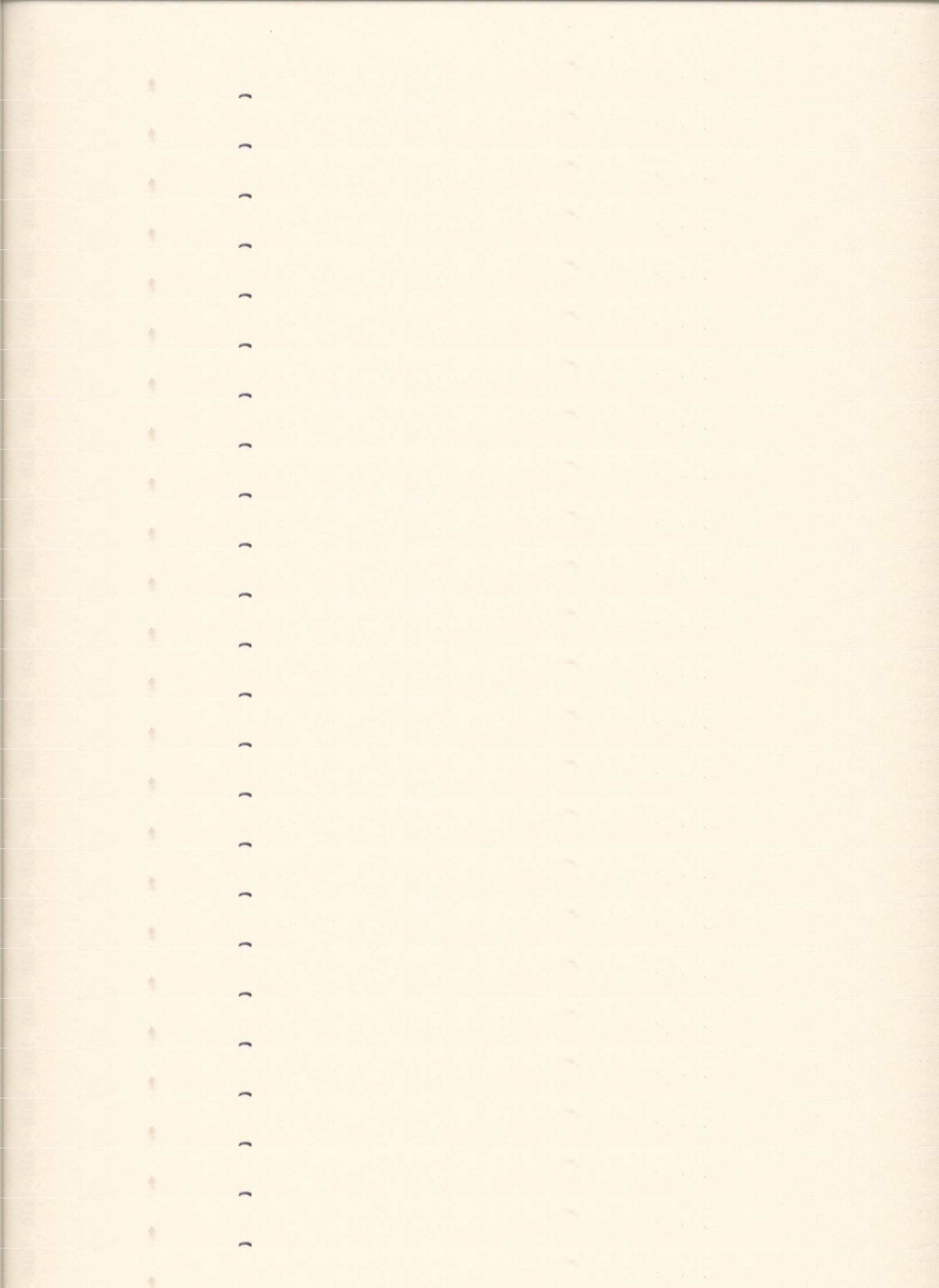
LATERITES DEVELOPED ON PARTLY SERPENTINIZED HARZBURGITE. ULTRAMAFICS ARE THRUST OVER LATE JURASSIC MARINE SEDIMENTS.

GENERAL COMMENTS

THERE HAS BEEN VERY LITTLE EXPLORATION OF THE AREA FOR NICKEL. PROSPECTING HAS BEEN MAINLY FOR COPPER AND CHROM

GENERAL REFERENCES

1) RAMP, LEN, 1978 , INVESTIGATIONS OF NICKEL IN OREGON: ODGMI MISC. PAPER NO. 20 , P. 45 - 46



CHALCOPYRITE, COPRITE, NATIVE COPPER, MALACHITE, AZURITE, ERYTHRITE

COMMODITY SUBTYPES OR USE CATEGORIES:

0.502 AU:AG

ANALYTICAL DATA(GENERAL)

GENERAL SAMPLE FROM A NUMBER OF POINTS ASSAYED 20.137% CU, .060Z AU, .120Z AG

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 8

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

"BOULDER"

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

COMMENTS(DESCRIPTION OF DEPOSIT):

COPPER SHOWINGS ARE SCATTERED OVER AN AREA 1.5 MILE LONG AND 0.75 MILE WIDE

PRODUCTION

YES

SMALL PRODUCTION

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

CUMULATIVE PRODUCTION (ORE,COMMOD.,CONC.,OVERBUR.)

ITEM	ACC	AMOUNT	THOUS.UNITS	YEAR	GRADE,REMARKS
15 ORE	EST	000.045	TON	1908	

PRODUCTION YEARS..... 1898 -1914

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR

HOST ROCK TYPES..... SERPENTINE

PERTINENT MINERALOGY..... MAGNETITE

LOCAL GEOLOGY

COMMENTS (GEOLOGY AND MINERALOGY):

MINERALIZATION OCCURS AS PODS AND LENSES OF MAGNETITE, PYRITE, CHALCOPYRITE, AND COPPER OXIDES IN SHEARED

Pyrite malachite stain 2, 150
shaft no sill at was 20' deep
up hill N80W 20' } =
Trend of N10W } Fair
serp with malachite, calcite

#7
1640 A = 15' wide Magnetite +
Malachite in serp Trend = N25E
Loc = 30' To E of #6
#

down Hill N15E = dump of
Tunnel = 1600 "70' long"
caved after 30' Trend of tunnel
→ = N15E i. follows shear above
walls = black serp calcite
dump shows malachite stained
serp #

Took S#1 = chip sample of
Gossan exposed above tunnel
Loc = ol = 164 NW/SW sect T 375
R12W on claim #N
#

S#2 A & B on claim #1
A = grab from sorted area on
dump B = urythrite selected
1680A sam loc as sta 4

start day Aug 28 1935
From Hurt Cabin
= 1630 A

Sta 1 = 100 yds
Back s = N19°E
el = 1690 A
#

Sta 2 = +130
N49E - B.S. 1735 A
#

(1910A) Sta 3 = N17W + 80'
= shaft which has
caved it connected with
tunnel 70' long down
hill from here name
Copper city # owner Vork
#

Sta 4
Dump end of caved tunnel
= 1665 A Trend = N50°W
one end dump = calcite with
Magnetite
Malachite, azurite & erythrite

Sta 5 N40E = B.S. A = same
small Tunnel (2 sets) below
Malachite in serp
#

Sta 6 N32E = B.S.
1650 A serp with oxidized

15. Soap associated with Magnetite
like those seen yesterday no azurite
overthrite #

On Ridge 1820A = PS @ P. No. 4
Brecciated Basalt in soil same
malachite, chalcosite Took small
S#6 for spec complete #

Naef Warden No. 5.
1820A Drift = 560W into hill
is covered saw small (very) slight
malachite stain in Jossaid some
chromite, but found none #

Gray Copper #10 Joe Myers
small cut with malachite,
magnetite 1920A
S#7 of picked high grade from
dump loc = SW 1/4 sec 36 T37S R10W

drived in G.P. Night
of 26th

27-28 in G.P.

From sta #1 to continue to Post
N26W, 100' Post = 1690A
Post + 60' + 50' to sta #12
sta 2A look = N15W 1670A #

sta 3A = 200 stake BS = N20E
100 yds el of stake = 1615A
= SE cor of #18 SW cor #2 el of # #

sta 4A = (Turn 90E) + 80'
N10W 1588A #

sta 5A = S75E 150' some
From sta 6A to smelting
serp with malachite stain
1585A N50W 30' from 6A

sta 6A = N70E 1570A 65

#7A = cut N65E from 6A 15'
→ cut = 20' N35W 4' wide
chalcosite, malachite & some bluish
ore in serp is 2 1/2' wide vertically
Trend = N80E DBie BS"
looks like stringer of skis
in serp Very narrow lenses
occurs like chromite #

sta 8A = 60' N55E 90' el = 1565
+55' = 9A N85W 1538A