File No. C-37

PROSPECT CARDS

Code No.

Property Name Cold Spgs. Con. Mine

Property Owner Gerald D. Wilson

Submitted by

Location: State Oregon

County Josephine

Mining D. Galice

T 38S R 8W Sec. NW¼ 9

Followup Recom. Visit if possible

Later Review Recom.

Examined by

Company

Date

Where filed

Metals: Cu ✓, Mo, Pb, Zn, Ag, Au, Fe, Mn, Cr, Ni, W, U, Re, P_2O_5, K_2O, Sn, Be, Coal, Hg

Other

Production Metal

AMS Quad

Other Quad

Production

None 10^2 10^3 10^4 10^5 50^5 10^6

TONS

Geology

Host Rock greenstone

Mineralization

Type lenses Cu ore

Trend

Ore cpy (good grade)

Gangue

Alteration

Type

Extent

Bibliography

USGS B-546

USBM

Other

Remarkes: should be looked at, possibly along "Big Yank Lode"

Field Time

None

1 Day

1 Week

1 Mo

+1 Mo

Follow-up Recom.

CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION
- RECORD NO..... M060761
- RECORD TYPE..... X1M
- COUNTRY/ORGANIZATION. USGS
- DEPOSIT NO..... ODGMI 100-143
- MAP CODE NO. OF REC..

REPORTER
- NAME..... JOHNSON, MAUREEN G.
- UPDATED..... 81 02
- BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION
- DEPOSIT NAME..... COLD SPRING

- MINING DISTRICT/AREA/SUBDIST. GALICE

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

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

- COUNTY..... JOSEPHINE
- DRAINAGE AREA..... 17100310 PACIFIC NORTHWEST
- PHYSIOGRAPHIC PROV..... 13 KLAMATH MOUNTAINS
- LAND CLASSIFICATION..... 41

QUAD SCALE	QUAD NO OR NAME
1: 62500	GALICE

LATITUDE	LONGITUDE
42-32-58N	123-39-05W

UTM NORTHING	UTM EASTING	UTM ZONE NO
4710771.3	446507.8	+10

- TWP..... 35S
- RANGE.... 08W
- SECTION.. 09
- MERIDIAN. W.M.

- LOCATION COMMENTS: NW 1/4

COMMODITY INFORMATION
- COMMODITIES PRESENT..... AU CU AG AG

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

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
SHEAR ZONE
FORM/SHAPE OF DEPOSIT:

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

PRODUCTION
NO PRODUCTION
23 CU, SML MILL TEST 1914 CU

RESERVES ONLY

ITEM	ACC	AMOUNT	THOUS.UNITS	YEAR	GRADE OR USE
1		"LARGE"		1914	IND

GEOLOGY AND MINERALOGY

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

LOCAL GEOLOGY
NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES
1) NAME: BRIGGS CREEK AMPHIBOLITE
AGE: JUR

COMMENTS (GEOLOGY AND MINERALOGY):
QUARTZ VEIN SYSTEM WITH DISSEMINATED SULFIDES.

GENERAL COMMENTS
NO ASSOCIATED GALENA AS AT SUGAR PINE

GENERAL REFERENCES
1) RAMP, L. AND PETERSON, N.V., 1979, GEOLOGY AND MINERAL RESOURCES OF JOSEPHINE COUNTY, OREGON; ODGMI BULL. 100, 45P
2) OREGON METAL MINES HANDBOOK, 1942, ODGMI BULL. 14-C, VOL. 2, SEC. 1, P. 35

2750
300
3050

Date June 15, 1973

Cold Spring Mine (Cu)

Location - Near the center of NW¼ sec. 9, T. 35 S., R. 8W.

Owner: - Presently held by location by Gerald Wilson, 2400 "D" Street, Springfield, Oregon.

History - The small amount of history is from Bulletin 14-C, Josephine County Mineral Industry Handbook - 1942. "The Cold Spring copper mine lies on the southwest slope of the West Fork of the Galice Creek nearly opposite the Sugar Pine Mine. It was lately examined in detail under option by the Almeda Company and half a ton of ore shipped for test. Although I did not see the mine, Mr Daniel Green informs me that large bodies of copper ore, chiefly chalcopyrite, is in sight. The ore is said to be of good grade, but it has no associated galena, as at the Sugar Pine."

Development - All the workings are caved but there is evidence of at least 3 tunnels and some surface pits & cuts at about 3050' elevation on the sw facing slope of a narrow NE trending ridge. The main tunnel is the lowermost and trends N50°W. It is reported to be at least 70' long and the size of the dump indicates that it may be as long as 150'. The portal is in fractured manganese stained quartzite and this rock type extends westward for at least 300 feet. Strike of banding in the quartzite is N35°E and dips near vertical. Amphibolite, talcy schist, and serpentinite are other rock types in the immediate area.

About 50' west of the portal of the caved main tunnel there is a shear vertical wall of the fractured Mn stained quartzite which exposed a N25°E shear zone that dips 20° to 25° to the west. The shear contains 1' to 2' of sheared quartzite, some vein quartz?, and clayey gouge. Side of shear is iron & manganese stained.

No copper mineralization was seen in place but chunks of rusty quartz on the dump contain blebs & veinlets of chalcopyrite & pyrite. Some

of the quartzite also contains disseminated pyrite.

Two short adits just above the main tunnel trend in a NW direction indicating the copper mineralization was a vein or system of quartz veins with a NW strike or the mineralization was associated with the flat dipping fault zones like the one exposed 50' west of the main tunnel portal.

The assemblage of rocks in the area ~~especially the elongate belt of~~ (quartzite, schist, amphibolite) is mapped as amphibole gneiss derived from altered Rogue formation. The abundant Mn. oxides present with garnet & magnetite ~~make~~ give this assemblage more the appearance ~~of be more like~~ of Applegate group rocks than the typical Rogue formation. Much geologic detailed will be needed to work out the geologic history of this complex area.

Report by: N. V. Peterson, June 15, 1973

Visited: June 12, 1973 with Gerald Wilson

Cold Spring Mine - (Cu)

Location - NW1/4 sec. 9, T. 35S., R 8W.

~~The Cold Spring Mine lies on the southwest slope of the ... Fork~~ Galice Creek nearly opposite the Sugar Pine Mine

At the main Cold Springs Tunnel which is caved at the portal and for about 50' then a shear wall of manganese + Fe stained quartzite. The ~~...~~ wall exposes a N25°E shear zone that dips 20 to 25° to the west. - contains sheared quartzite, veinlets and gouge Fe + Mn stain. Quartzite trends about N35 to N40E

Main Tunnel (lower) trend - N50°W. #1 sample from the above shear zone -

talc/amphibole schists/minor serp.

STATE DEPT. OF GEOLOGY & MINERAL INDUSTRIES
FIELD OFFICE
521 N. E. "E" Street P. O. Box 417
Grants Pass, Oregon 97526

June 25, 1973

Mr. Gerald Wilson
2400 "D" Street
Springfield, Oregon 97477

Dear Mr. Wilson:

Enclosed is a copy of the assay results on the sample I took west and above the tunnel at the Cold Springs Mine.

I didn't have any luck in finding gold values from that particular place. If you have any questions check with us.

Sincerely,

Norman V. Peterson

NVP:rep
Encl: Copy of DOGAMI Assay AHG-40

nil Au
Trace Ag

State Department of Geology and Mineral Industries

1069 State Office Building
Portland 1, Oregon

COLD SPRING MINE (Cu) — Josephine County
Galice District

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Owner: Presently held by location by Gerald Wilson, 2400 "D" Street, Springfield, Oregon.

History: The small amount of history is from Bulletin 14-C, Josephine County Metal Mines Handbook - 1942. "The Cold Spring Copper mine lies on the southwest slope of the West Fork of the Galice Creek nearly opposite the Sugar Pine Mine. It was lately examined in detail under option by the Almeda Company and half a ton of ore shipped for test. Although I did not see the mine, Mr. Daniel Green informs me that large bodies of copper ore, chiefly chalcopyrite, is in sight. The ore is said to be of good grade, but it has no associated galena, as at the Sugar Pine."

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COLD SPRING MINE (Cu)

Josephine County
Galice District

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