YELLOW JACKET PROSPECT (Au, Ag)

Jackson County
Upper Applegate District

Owners: Peter Spryn and Jack Ellis

Location: Near sec. corner common to 34, 35, 2, 3, T. 39 and 40 S., R. 4 W., on Nine Dollar Gulch Jeep Road about 1/4 mile from Palmer Creek Road probably in the NW corner of sec. 2 or SW cor 35.

History: One claim was located by Ira S. Rood in March 1971. Present owners purchased the claim from Rood in 1974, and staked 2 others nearby.

Development: The vein is exposed by a logging road along the west bank of Nine Dollar Gulch. A 15-foot vertical shaft has been dug on the best exposure.

Geology: The quartz vein strikes about north and dips west 65 to 75°. Average dip in the shaft appears to be 70° west. The wall rocks are somewhat fractured; but massive medium- to fine-grained metavolcanics probably derived from andesite or basalt.

The exposed portions of the vein vary from 3 to 22 inches thick. It is cut by a few faults, mainly at low angles to the trend. A 35° east-dipping normal fault exposed in the south side of the shaft offsets the vein about one foot. The values appear to be quite variable. Sulfide minerals in the vein include pyrite, galena, and chalcopyrite. The galena probably includes some admixed argentite. The sulphides are replaced by limonite at and near the surface. Assays are listed below:

<table>
<thead>
<tr>
<th>Date</th>
<th>No. or Lab.</th>
<th>Sampler</th>
<th>Oz/ton</th>
<th>Oz/ton</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-25-71</td>
<td>AFG-59(DOGAMI)</td>
<td>I. S. Rood</td>
<td>0.10</td>
<td>Tr.</td>
<td>0.4</td>
</tr>
<tr>
<td>6-25-71</td>
<td>AFG-60(DOGAMI)</td>
<td>I. S. Rood</td>
<td>2.90</td>
<td>0.30</td>
<td>0.4</td>
</tr>
<tr>
<td>11-13-73</td>
<td>Claud H. Harris Co.</td>
<td>P. Spryn</td>
<td>1.64</td>
<td>6.23</td>
<td>0.4</td>
</tr>
<tr>
<td>11-13-73</td>
<td>Pure Lab-Norwood, Mass</td>
<td>P. Spryn</td>
<td>1%</td>
<td>&quot;slight&quot;</td>
<td>0.4</td>
</tr>
<tr>
<td>7-19-74</td>
<td>Atlas Smelting &amp; Refining</td>
<td>P. Spryn</td>
<td>(concentrate)</td>
<td>894.8</td>
<td>4,945.2</td>
</tr>
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<td>894.8</td>
<td>4,945.2</td>
</tr>
<tr>
<td>7-26-76</td>
<td>AKG-40(DOGAMI)</td>
<td>Len Ramp</td>
<td>Nil</td>
<td>Nil</td>
<td>0.4</td>
</tr>
<tr>
<td>7-26-76</td>
<td>AKG-41(DOGAMI)</td>
<td>Len Ramp</td>
<td>Trace</td>
<td>Nil</td>
<td>0.4</td>
</tr>
<tr>
<td>8-20-76</td>
<td>AKG-59(DOGAMI)</td>
<td>Len Ramp</td>
<td>0.005</td>
<td>Trace</td>
<td>0.4</td>
</tr>
<tr>
<td>8-20-76</td>
<td>AKG-60(DOGAMI)</td>
<td>Len Ramp</td>
<td>0.03</td>
<td>0.40</td>
<td>0.4</td>
</tr>
</tbody>
</table>

Date Visited: July 23, 1976 with Peter Spryn & Jack Ellis

Report by: Len Ramp, August, 1976
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 requested completely, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

Date sample is sent: 9-26-76

Name of claim sampled: Yellow Jacket

Please print your name and address in space above

Name of property owners: Peter Spong and Jack Ellis

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

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

County: Jackson  Mining district: Upper Applegate

Township: 40 S  Range: 4 W  Section: 2  Quarter section: NW 1/4

How far from passable road and name of road: 1/2 mile, Palmer Creek Rd.

Channel (length)  Grab  Assay for  Description
Sample No. 1  1/4"-1/6" chip  Au, Ag  S. end vein near bottom 15 ft.
Sample No. 2  2"-4" chip  Au, Ag  N. end vein

(Samples for assay should be at least 1 lb. in weight; clay samples for ceramic testing at least 5 lbs.) 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) LR

Description
Both samples  Vein quartz, some milled greenstone

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>GOLD oz./T. Value</th>
<th>SILVER oz./T. Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 mil</td>
<td>nil</td>
<td>nil</td>
</tr>
<tr>
<td>41 face</td>
<td>nil</td>
<td>nil</td>
</tr>
</tbody>
</table>

Report mailed
REQUEST FOR SAMPLE INFORMATION

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Date sample is sent: 8-20-76
Name of claim sampled: YELLOW JACKET

Name of property owners: Peter Sprynn and Jack Ellis

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

County: Jackson
Mining district: Upper Applegate
 Township: 40 S
 Range: 4 W
 Section: 2 (?)
 Quarter section: NW corner

How far from passable road and name of road? mile Palmer Creek Road on Nine Dollar Gulch

Channel (Length) Grab Assay for Description
Sample No. 1 2-inch thick X Au, Ag Clay gouge seam s.s, side bottom 14' shaft.
Sample No. 2 1-inch thick X 1 Au, Ag Diagonal seam cutting vein in 14' shaft

(Samples for assay should be at least 1 lb. in weight; clay samples for ceramic testing at least 5 lbs.) 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) /s/ Len Ramp

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

Description

#1. Brown clay with fragments of greenstone.

#2. Mixed fines clay & quartz.

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>GOLD oz./T.</th>
<th>Value</th>
<th>SILVER oz./T.</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>39741 1</td>
<td>0.005</td>
<td>Trace</td>
<td></td>
<td></td>
</tr>
<tr>
<td>39741 2</td>
<td>0.03</td>
<td>0.40</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Report mailed 9/16/76 Barber.
REPORT OF QUALITATIVE WET ASSAY

FOR:  PETER SPRYN, Palmer Creek Road, Jacksonville, Oreg. 97530

We have assayed your small sample of rock and found it to contain the following: in oz. per ton.

<table>
<thead>
<tr>
<th>Description</th>
<th>Number</th>
<th>Gold, oz. per ton</th>
<th>Silver, oz. per ton</th>
</tr>
</thead>
<tbody>
<tr>
<td>none</td>
<td>none</td>
<td>1.64</td>
<td>6.23</td>
</tr>
</tbody>
</table>

Due to the small size of rock sample you sent us it is impossible to give you an accurate average of what the ore might contain.

The sample is certainly encouraging enough to furnish us with at least four or five pounds, (taken at different places in the vein,) of rock for further assay. This should show if the deposit is worth developing.

Regarding your question about your pyrites:

The Sulfides in your rock sample are a mixture of several kinds of sulfides, with a very small percentage of arsenopyrite. They mostly consist of these "Marcasite Group" of sulfides which do not usually carry cobalt or nickel but can be very rich in gold and silver, as yours is. The percentage of arsenic is very small, which is good, as it should not interfere with the recovery of the high values of gold and silver in your ore.

If you have a wide vein of rock like the sample you sent us for assay you should have it inspected by a qualified engineer to see if it can be mined at a profit.

We have had 35 years experience in the mining and milling industry and would be happy to evaluate your property on a percentage basis.

By the way, is your claim patented or not. 

We made a silver assay for you with charge to you.

Also, we have had to raise our charge for assays to a minimum of $3.00. This assay charge was paid in full in advance.

If you need our help in your mining problems please let us know a week in advance so that our engineer can make arrangements to make an inspection for you.

Hoping to hear from you soon.

Thanking you in advance we remain;

Yours Truly

[Signature]
**PURCHASE ORDER**

State Department of Geology and Mineral Industries

To: 

Number—

Date—

Please Supply to: 

**List of Assays**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
<th>Unit Price</th>
<th>Total Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/19/74</td>
<td>Collector, Inlay, Nevada</td>
<td>0.10</td>
<td>4.10</td>
</tr>
<tr>
<td>7/19/74</td>
<td>assayer: Larry Hughes</td>
<td>5.00</td>
<td>25.00</td>
</tr>
<tr>
<td>11/13/73</td>
<td>spoyn concentrate, (Atlas)</td>
<td>1.64</td>
<td>6.23</td>
</tr>
<tr>
<td>7/18/74</td>
<td>spoyn concentrate, Pure-Lab</td>
<td>1.00</td>
<td>5.00</td>
</tr>
</tbody>
</table>

**IMPORTANT**

Please put Number of this Order on your Invoice and package and send us 3 copies of the invoice promptly.

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

by ___________________
CRIB MINERAL RESOURCES FILE 12

RECORD IDENTIFICATION
RECORD NO. 02071
RECORD TYPE X1M
INFORMATION SOURCE SIR
MAP CODE NO. OF REC. 2

REPORTER
NAME FERNS, MARK L. (BROOKS, HOWARD C.)
AFFILIATION ODGMI
DATE 01 01

NAME AND LOCATION
DEPOSIT NAME YELLOWJACKET
MINING DISTRICT/AREA/SUBDIST. UPPPER APPLEGATE
COUNTRY CODE US
COUNTRY NAME UNITED STATES
STATE CODE OR
STATE NAME OREGON
COUNTY JACKSON
DRAINAGE AREA 1710 809 PACIFIC NORTHWEST
PHYSIOGRAPHIC PROV. 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION 41

QUAD SCALE 1: 62500
QUAD NO OR NAME RUCH

LATITUDE 42-07-43N
LONIGITUDE 123-08-58W

UTM NORTHING 4663850
UTM EASTING 487650
UTM ZONE NO +10

TWP 039S; 040S
RANGE 004W; 004W
SECTION 35; 02
MERIDIAN WILLAMETTE

LOCATION COMMENTS ON NINE DOLLAR GULCH

COMMODITY INFORMATION
COMMODITIES PRESENT AU AG CU PB
OCCURRENCE(S) OR POTENTIAL PRODUCED:
POTENTIAL:
OCCURRENCE:

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

ANALYTICAL DATA (GENERAL):
DREDGE ASSAYS RAN NIL-2.9 OZ/TON Au; NIL-6.23 OZ/TON Ag; 0.4 % Cu

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
MAX WIDTH: 22 IN
STRIKE OF OREBODY: N 0 E
DIP OF OREBODY: 65-75 W

COMMENTS (DESCRIPTION OF DEPOSIT):
NARROW FISSURE VEIN IN METAVOLCANICS

DESCRIPTION OF WORKINGS
SURFACE AND UNDERGROUND

COMMENTS (DESCRIPTION OF WORKINGS):
DEVELOPED BY A 15 FOOT VERTICAL SHAFT

PRODUCTION
NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS: PERM-TRI
HOST ROCK TYPES: METAVOLCANICS

AGE OF ASSOC. IGNEOUS ROCKS: PERM-TRI
IGNEOUS ROCK TYPES: METAVOLCANICS

Pertinent Mineralogy: QUARTZ

LOCAL GEOLOGY
NAMES/Age OF FORMATIONS, UNITS, OR ROCK TYPES
1) NAME: APPLEGATE GROUP