

State Department of Geology and Mineral Industries

1069 State Office Building
Portland 1, Oregon

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:

Date	No. or Lab.	Sampler	Oz/ton	Oz/ton	%
			Au	Ag	Cu
6-25-71	AFG-59 (DOGAMI)	I. S. Rood	0.10	Tr.	0.4
6-25-71	AFG-60 (DOGAMI)	I. S. Rood	2.90	0.30	---
11-13-73	Claud H. Harris Co. Sacramento, Ca.	P. Spryn	1.64	6.23	
7-18-74	Pure Lab-Norwood, Mass	P. Spryn	1%	"slight"	
7-19-74	Atlas Smelting & Refining Imlay, Nevada	P. Spryn (concentrate) Jerry Hughes	894.8	4,945.2	
7-26-76	AKG-40 (DOGAMI)	Len Ramp	Nil	Nil	
7-26-76	AKG-41 (DOGAMI)	Len Ramp	Trace	Nil	
8-20-76	AKG-59 (DOGAMI)	Len Ramp	0.005	Trace	
8-20-76	AKG-60 (DOGAMI)	Len Ramp	0.03	0.40	

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

Report by: Len Ramp, August, 1976

AKG-40
 AKG-41
 Au, Ag

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.

Ken Ramp
 Please print your name and address in space above

Date sample is sent:

7-26-76

Name of claim sampled:

Yellow Jacket

Name of property owners Peter Sprygn & 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 Cor

How far from passable road and name of road 1/4 mile Palmer Creek Rd on 4W Dr. Deep rd.

	Channel (length)	Grab	Assay for	Description
Sample No. 1	<u>14"-16" chip</u>		<u>Au Ag</u>	<u>S. end vein new bottom 15' slat</u>
Sample No. 2	<u>2"-4" chip</u>		<u>Au Ag</u>	<u>N. end vein " " "</u>

(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

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

Description Both samples
1 Vein quartz some mixed greenstone

Sample Number	GOLD		SILVER				
	oz./T.	Value	oz./T.	Value			
<u>-40</u>	<u>nil</u>		<u>nil</u>				
<u>-41</u>	<u>Trace</u>		<u>nil</u>				

Report mailed _____

40441

REQUEST FOR SAMPLE INFORMATION

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LEN RAMP
Department of Geology
and Mineral Industries
P.O. Box 417
Grants Pass, Or. 97526
Please print your name and address in space above

Date sample is sent:

8-20-76

Name of claim sampled:

YELLOW JACKET

Name of property owners Peter Sprynn 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 corner

How far from passable road and name of road 1 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. side bottom 14' shaft.

Sample No. 2 1-inch thick X 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.

Sample Number	GOLD		SILVER				
	oz./T.	Value	oz./T.	Value			
39741 ①	0.005		Trace				
39741 ②	0.03		0.40				

Report mailed 9/6/76 Baxter

Rec'd 9/10/76 a.th.

PURCHASE ORDER
State Department of Geology and Mineral Industries

To _____
list of assays

Number _____

Date _____

Please Supply to _____

Quantity	Description		Unit Price	Total Price
Date	Collector	Assayer	AV	AG
✓ 7/19/74	spryn Concentrate.	(Atlas Smelting & Refining) assayer - Jerry Hughes Tmlay Nevada	894.8	4,945.02
✓ ser AFG-59-60	ROOD	reingtz	0.10 2.20	T 0.30
✓ 11-13-73	spryn gtz	Claud H. Harris Sacto Cal	1.64	6.23
✓ 7/18/74	spryn Concentrate	Pure-lab Norwood, Mass 02062	170	"slight" Silice

CU

0.4

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 _____

RECORD IDENTIFICATION

RECORD NO..... M020281
RECORD TYPE..... X1M
INFORMATION SOURCE... 2
MAP CODE NO. OF REC..

REPORTER

NAME..... FERNS, MARK L. (BROOKS, HOWARD C.)
AFFILIATION..... DDGMI
DATE..... 81 01

NAME AND LOCATION

DEPOSIT NAME..... YELLOWJACKET

MINING DISTRICT/AREA/SUBDIST. UPPER APPLGATE

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

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

COUNTY..... JACKSON
DRAINAGE AREA..... 17100309 PACIFIC NORTHWEST
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 RUCH

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

UTM NORTHING UTM EASTING UTM ZONE NO
4663850 487650 +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

POTENTIAL.....
OCCURRENCE..... CU PB

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

ANALYTICAL DATA (GENERAL)
DDGMI 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 DREBODY.... N 0 E
DIP OF DREBODY..... 65-75 W

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

DESCRIPTION OF WORKINGS
SURFACE AND UNDERGROUND

COMMENTS (DESCRIP. 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: APPLGATE GROUP