

State Department of Geology and Mineral Industries

1069 State Office Building
Portland 1, Oregon

SCHNACK BROTHERS PROSPECT - (Au, Ag, Cu)

Jackson County
Ashland District

Owners: Martin D. Schnack, Henry G. Schnack, and M. D. Schnack, Jr.
Route 3, Box 206 Medford, Oregon.

Location: E $\frac{1}{2}$, SE $\frac{1}{4}$, NE $\frac{1}{4}$ sec. 35, T. 39 S., R. 1 W. at about 5,200 feet elevation on the head of Bear Wallow Gulch. The prospect is reached via the Wagner Creek Road south of Talent to Wagner Gap, then south on the Freezeout Cabin road for 1 $\frac{1}{4}$ miles, then in a northeast direction by trail about 1 $\frac{1}{2}$ miles to the prospect. The area generally has a snow cover from November to April.

Development: Workings include a 20-foot shaft, a 50-foot crosscut adit N. 55° E. to a point about 70 feet northwest of the shaft, a 15-foot drift to the southeast, and a few small surface cuts.

Geology: The country rocks are quartz diorite of the Ashland batholith. A quartz fissure vein strikes N. 38° W. and dips 65° NE. At the shaft the vein is about 7 feet thick. In the drift it is about 30 inches thick and in the creek to the southeast about 18 inches thick. At the wide point in the shaft the vein is made up of highly fractured quartz with some sheared altered diorite seams that give it a banded appearance. Ore minerals include pyrite and chalcopyrite, with minor galena and molybdenite(?). Some calcite is occasionally found in the vein. A number of samples assayed by the department indicate values are low and somewhat spotty.

Department assays

<u>Date</u>	<u>Number</u>	<u>Type</u>	<u>Sampler</u>	<u>Au</u> <u>Oz./ton</u>	<u>Ag</u> <u>Oz./ton</u>	<u>Cu</u> <u>%</u>
8/6/64	P-29469	Grab	Schnack Bros.	Trace	1.40	0.90
9/23/64	P-29591	"	" "	0.10	1.80	0.70
10/26/64	P-29679	"	" "	Trace	0.20	Trace
7/1/65	P-30245	16 inch channel	" "	0.03	Trace	0.40
11/1/65	P-30659	12 inch channel	" "	0.20	4.80	0.20
11/11/67	P-32393	6 inch channel in drift	" "	0.01	Nil	---
11/16/67	P-32403	7 foot channel in shaft	Len Ramp	Trace	Nil	---
11/16/67	P-32404	32 inch channel in drift	" "	Trace	Nil	---
11/16/67	P-32405	18 inch channel in creek	" "	Trace	Nil	---

Although the area to the northwest, down the ridge was not examined at this time, the owners reported a number of small cuts exposing similar quartz and placered areas above the mouth of Bear Wallow, which is a distance of more than a mile from the discovery point. The immediate workings and exposure in the creek to the southeast indicate that the vein is about 100 yards long at this point.

Workings to date have been for exploration and development and the prospect has had no production.

Visited: 11/15/67 with M. D. and H. G. Schnack.

Report by: Len Ramp 3/7/68.

* * * * *

RECEIVED
MAR 26 1968

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
PROJECT SAMPLE RECORD

SAMPLES SUBMITTED BY: Len Ramp ADDRESS: P.O. Box 417 G.P. DATE: 11/16/67

<u>Sample No.</u>	<u>Mine or Prospect</u>	<u>Type</u>	<u>District</u>	<u>S.</u>	<u>T.</u>	<u>R.</u>	<u>Assay For</u>
ABG - 217	Schnack Prospect	7' channel	Ashland	NE $\frac{1}{4}$ 35	39 S	1 W	Au, Ag
ABG - 218	" "	32 inch "	"	"	"	"	Au, Ag
ABG - 219	" "	18 " "	"	"	"	"	Au, Ag

Descriptions:

- ABG - 217 -- Fractured iron-stained vein quartz with some altered diorite taken across the vein in SE wall of shaft about 15 feet from surface.
- ABG - 218 -- Fractured gray vein quartz with some pyrite and sheared chloritized diorite - cut across face of right-hand drift in adit at about 40 feet depth.
- ABG - 219 -- Fractured greenish-gray slightly iron-stained vein quartz and altered diorite from across vein in south bank of Bear Wallow Creek about 100 yards SE of adit. All three samples taken on what appears to be the same vein.

Results:

		GOLD		SILVER
		Oz./ton	Value	
P-32403	ABG-217	Trace	- -	Nil
P-32404	ABG-218	Trace	- -	Nil
P-32405	ABG-219	Trace	- -	Nil

11-22-67

11-15-67

Schie

Schnack Bros prospect,

E $\frac{1}{2}$ of NE $\frac{1}{4}$ sec 35, T. 39S., R. 1W

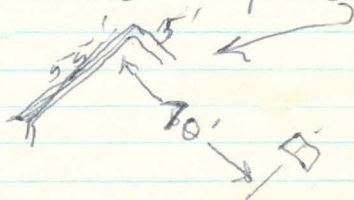
elev. about 5200

S# 1-1-15-67 across vein
in SE wall of shaft 15'
from surface channel 3' long

vein highly fractured Fe-
stained quartz with some
sheared altered diorite
seams included giving the
vein a banded effect

strike N 38° W dip 65° NE
at shaft.

in adit 70' below shaft
50' adit \rightarrow N 55° E hits vein
Terns right drift 15' on vein
strike S 60° E dip 75° NE
sample 2 across face 32"



Sample 3 in S bank Bear-
Willow gul 100 yds SE of
adit: 18" cut across vein

RECORD IDENTIFICATION

RECORD NO..... M061959
RECORD TYPE..... X1M
COUNTRY/ORGANIZATION. USGS
DEPOSIT NO..... 25A
MAP CODE NO. OF REC..

REPORTER

NAME..... SMITH, ROSCOE M.
DATE..... 78 08
UPDATED..... 81 01
BY..... FERNS, MARK L.; (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... SCHNACK BROS. 1 & 2

MINING DISTRICT/AREA/SUBDIST. ASHLAND

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

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

COUNTY..... JACKSON
DRAINAGE AREA..... 17 ROGUE RIVER
PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS
LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 TALENT

LATITUDE LONGITUDE
42-08-15N 122-46-56W

UTM NORTHING UTM EASTING UTM ZONE NO
4664850. 518000. +10

TWP..... 89S
RANGE..... 01W
SECTION.. 35
MERIDIAN. WB & M

ALTITUDE.. 5200

LOCATION COMMENTS: SE 1/4 NE 1/4

MAIN COMMOD..... AU AG
MINOR COMMOD..... CU MO

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

COMMODITY COMMENTS:
VALUES ARE SPOTTY

ANALYTICAL DATA (GENERAL)
DDGMI SAMPLES ASSAYED TRACE-0.20 OZ/TON AU; NIL-4.80 OZ/TON AG; TRACE-0.90% CU.

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

VEIN *

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

MAX WIDTH..... 7 FT

DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):

DEVELOPED BY A 20 FOOT SHAFT AND A 65 FOOT ADIT.

PRODUCTION

UNDETERMINED

23 SAMPLES - 1968 TR-0.2 AU, TR-2 AG, TR-1 CU

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... LJUR-CRET
HOST ROCK TYPES..... QUARTZ DIORITE

AGE OF ASSOC. IGNEOUS ROCKS.. LJUR-CRET
IGNEOUS ROCK TYPES..... QUARTZ DIORITE

PERTINENT MINERALOGY..... QUARTZ, CALCITE

LOCAL GEOLOGY

NAMES/AGE OF IGNEOUS UNITS OR IGNEOUS ROCK TYPES

1) NAME: ASHLAND PLUTON