

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland 5, Oregon

COMBINATION NINE (Au)

Sixes River Mining District
Curry County

Owner: J. Arlie McLeod
Sixes River

Area: 1 lode claim, held by location

Location: Just east of the center and straddling the section line common to secs. 22 & 27, T. 32 S., R. 13 W. On the South Fork of the Sixes River just below the mouth of Rusty Creek.

Access to the area is by graveled road up the Sixes River to just below the Avery Ranch and then by steep mountain trail for approximately 5 miles. The trail goes from around 360' on Sixes River to 1850' at the divide and then down to 600' at Thompson Flat, a short distance from the claim.

It is reported that a logging road on Mt. Avery is within three miles of the property and that it is close to the top of the ridge between the Sixes River and the South Fork.

History: This is an old mining property but the past history is unknown.

Topography: The claim is situated on steep hillsides bordering the South Fork. A lower tunnel is approximately 20' above the river and the upper workings are approximately 150' higher in elevation.

The area is one of steep hillsides, narrow ridges and a well developed drainage system. Relief is not great; the higher peaks range from 2400' to 3000' in elevation and the ridges are from 1800' to 2000' as shown by the topographic map of the Port Orford quadrangle.

Geology: The mineralization is in shear zones in argillite. Ore minerals are gold, silver, and a little galena. Pyrite is sparingly disseminated through most of the shear zone and quartz veinlets having no definite pattern are common.

Over the portal of the lower drift the shear zone in the argillite goes into the hill on a trend of S. 10°-20° E. and dips steeply to the west. The deformation width is around 20'. The upper exposure is about 1000' southeast and here the shear parallels the hillside. Its trend is S. 20°-25° E. and the dip is high to the north. The shear zone is exposed along the strike for approximately 150', vertically for 50'-75' and has a width of 10'-20'. On the floor of a short crosscut in this zone are partially oxidized boulders up to 2' in diameter that contain galena, pyrite and considerable quartz. At the upper exposure the shear zone appears to be mineralized more than at the lower workings. Whether these two exposures are parts of the same zone was not determined.

Development: The lower zone is explored by an 80' drift that has a 10' crosscut at its face. The upper zone is exposed by a 10'-15' crosscut and a crushed section above the portal.

Samples: The following samples were taken at the time of the examination. Samples 1 through 5 are from the lower zone and samples 6 and 7 from the upper zone as shown by accompanying sketches. Samples are listed as follows:

<u>Sample #</u>	<u>Description</u>	<u>Results</u>
1 (P-9882)	In crosscut at end of drift along right wall. Length of chip sample 4'. On right side. Sheared argillite.	Au - 0.02 Ag - Trace
2 (P-9883)	Continuation of Sample #1 to end of crosscut. Length of chip sample 6'.	Au - Trace Ag - Trace
3 (P-9884)	Grab sample from muck pile at end of crosscut.	Au - Nil Ag - Nil
4 (P-9885)	From shear over portal. Length of chip sample 7'. From left side. Sheared argillite with minor amount of pyrite.	Au - Trace Ag - Nil
5 (P-9886)	Continuation of Sample #4. Length of chip sample 6', includes 16" of crushed graphitic slate. There was zone 6½' wide between samples 4 & 5 that was not sampled as it was an area of slumping.	Au - Trace Ag - Nil
6 (P-9887)	4' chip sample across shear, south and above 10'-15' tunnel. Crushed argillite with disseminated sulphides.	Au - Nil Ag - Trace Pb - 0.20 Cu - Trace
7 (P-9888)	Grab sample from quartz-sulphide nodules found on floor of 10'-15' tunnel. Considerable quartz and sulphides, mainly pyrite.	Au - 0.04 Ag - Trace Pb - 0.20 Cu - 0.10
8 (P-9889)	Chip sample along trail between lower and upper zones. Length of sample 100'. Location - Start at junction of main trail and trail leading down to lower tunnel and go east toward upper zone. Sample wholly in argillite.	Au - Trace Ag - Nil

Report by: H. M. Dole

Date of visit: May 19, 1950

Date of report: June 1, 1950

Visited by: F. W. Libbey, H. D. Wolfe, H. M. Dole

References: U. S. Geol. Survey Geologic Atlas 89, Port Orford folio, by J. S. Diller

RECORD IDENTIFICATION

RECORD NO..... M061370
RECORD TYPE..... XIM
COUNTRY/ORGANIZATION. USGS
DEPOSIT NO..... DDGMI 93-111
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..... COMBINATION

MINING DISTRICT/AREA/SUBDIST. SIXES RIVER

COUNTRY CODE..... US

COUNTRY NAME: UNITED STATES

STATE CODE..... OR

STATE NAME: OREGON

COUNTY..... CURRY

DRAINAGE AREA..... 17100306 PACIFIC NORTHWEST

PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS

LAND CLASSIFICATION..... 41

QUAD SCALE QUAD NO OR NAME
1: 62500 POWERS

LATITUDE LONGITUDE
42-46-25N 124-13-34W

UTM NORTHING UTM EASTING UTM ZONE NO
4736200.0 399700.0 +10

TWP..... 32S
RANGE..... 13W
SECTION.. 22
MERIDIAN. WILLAMETTE

ALTITUDE.. 900

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU AG PB ZN

PRODUCER(PAST OR PRESENT):

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

COMMODITY COMMENTS:
LOW GOLD AND SILVER VALUES

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLDR. OR DEV. 8

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
SHEAR ZONE
FORM/SHAPE OF DEPOSIT: VEINLETS, PODS

SIZE/DIRECTIONAL DATA
SIZE OF DEPOSIT..... SMALL
MAX WIDTH..... 20 FT
STRIKE OF OREBODY.... N20W
DIP OF OREBODY..... VERTICAL

DESCRIPTION OF WORKINGS
UNDERGROUND

PRODUCTION
YES
SMALL PRODUCTION

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

PRODUCTION COMMENTS..... HAND SORTED, HIGH GRADE SULFIDE PODS

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR
HOST ROCK TYPES..... ARGILLITE
PERTINENT MINERALOGY..... QUARTZ

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

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
PROJECT SAMPLE RECORD

XG - 135-136-137
Au, Ag, Cu, Pb, Zn

SAMPLES SUBMITTED BY: Len Ramp (DOGAMI) ADDRESS: P.O. Box 417, G. P. DATE: 6/14/63

<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>
1 - XG-135	combination	cut	Sixes	SW of SE 22	32 S	13 W	Au, Ag, Cu, Pb, Zn
2 - 136	"	grab	"	" " "	"	"	" " " " "
3 - 137	"	12' cut	"	" " "	"	"	" " " " "

Descriptions:

1. Sheared argillite in part sooty from west lower workings.
2. Quartz impregnated argillite with visible pyrite and galena from dump.
3. Similar to No. 1 -- taken on west wall near portal of 25' crosscut tunnel in upper or eastern workings.

Results:

			<u>GOLD</u>	<u>SILVER</u>	<u>COPPER</u>	<u>LEAD</u>	<u>ZINC</u>
1.	—	XG-135 P-28460	Trace	Nil	Nil	Trace	Nil
2.	—	XG-136 P-28461	0.06 oz.	Nil	Trace	0.83%	1.80%
3.	—	XG-137 P-28462	0.01 oz.	Nil	0.10%	Trace	Nil