

# State Department of Geology and Mineral Industries

1069 State Office Building  
Portland 1, Oregon

BROWN PROSPECT (Malmute Claim) (Pyrrhotite, Cu, Au) Josephine County  
Waldo Dist.

Owner: Virgil Brown, O'Brien, Oregon.

Area: Three claims held by location.

Location: The prospect lies at about 3,600 feet elevation in the SE $\frac{1}{4}$  of the NE $\frac{1}{4}$  sec. 36, T. 40 S., R. 7 W. It is reached via the Caves Highway (State route 46) 11 miles from U. S. 199 at Cave Junction, then south on the French Peak road for about 4 miles, then via the Bolan Lake Trail road for about 4 $\frac{1}{2}$  miles to the saddle in NW $\frac{1}{4}$  sec 36, then about 2/3 mile down a skid road and trail to an old cabin at about 3,550 feet elevation on MacDonald Gulch which is the first main tributary to Bolan Creek south of French Gulch. The main workings lie around and up the hill about 200 yards south of the cabin.

History: The mineralized zone was prospected by Mr. Puthe in the 1920s and 1930s. There is no known production from the sulfide bearing zone, but MacDonald Gulch both below and above the cabin has been thoroughly worked for placer gold.

Development: Development consists of shallow surface cuts.

Geology: The area is underlain by metamorphosed sedimentary and volcanic rocks of the Upper(?) Triassic Applegate group which have been intruded by small diorite bodies.

Mineralization consists of thickly disseminated to massive pyrrhotite with minor amounts of chalcopyrite in an impure quartzite. The sulfide zone appears to strike northwest and dip NE. Exposures were concealed by caving and slumping of the old workings. Width of the zone at the caved cuts may be as much as 10 feet.

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A sample of a mixture of quartz, gossan, and weathered quartzite  
(P-28204, XG-44)  
from along the south edge of the zone assayed .01 oz./ton gold and .60  
oz/ton silver. A sample of the nearly massive pyrrhotite with minor  
(P-28205, XG-45)  
chalcopyrite in quartzite assayed .02 oz./ton gold, trace silver, 1.55  
percent copper, 0.10 percent nickel, 46.22 percent iron, and 34.06 per-  
cent sulfur.

Surface trenching and further sampling were recommended to better  
expose and evaluate the mineralized zone.

Visited: 3/7/63 - L.R. & N.V.P.

Informant: Virgil Brown.

Report: 4/11/63 by L.R.

RECORD 02172

CRIB MINERAL RESOURCES FILE 12

## RECORD IDENTIFICATION

RECORD NO..... M061871  
RECORD TYPE..... XIN  
COUNTRY/ORGANIZATION. USGS  
INFORMATION SOURCE... 2  
MAP CODE NO. OF REC..

## REPORTER

NAME ..... SMITH, ROSCOE M.  
DATE ..... 78 08  
UPDATED..... 81 04  
BY ..... FERNS, MARK L. (BROOKS, HOWARD C.)

## NAME AND LOCATION

DEPOSIT NAME..... BROWN  
SYNONYM NAME..... MALTUMTE

COUNTRY CODE..... US

COUNTRY NAME: UNITED STATES

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

COUNTY..... JOSEPHINE  
DRAINAGE AREA..... 17100311 PACIFIC NORTHWEST  
PHYSIOGRAPHIC PROV..... 13 Klamath Mountains  
LAND CLASSIFICATION..... 41

QUAD SCALE 1: 62500 QUAD NO OR NAME  
OREGON CAVES

LATITUDE 42-02-50N LONGITUDE 123-28-06W

UTM NORTHING 4654900. UTM EASTING 461250. UTM ZONE NO  
+10

TWP..... 40S  
RANGE.... 07W  
SECTION.. 36  
MERIDIAN. MB & M

ALTITUDE.. 3550+

LOCATION COMMENTS: SE 1/4 NE 1/4

PYRRHOTITE, CHALCOPYRITE

ANALYTICAL DATA(GENERAL)

DDGMI SAMPLE ASSAYED 0.02 OZ/TON AU; TRACE AG, 1.55 % CU; 0.10 % NI; 46.22 % FE

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

MASSIVE SULFIDE; DISSEMINATED

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

DESCRIPTION OF WORKINGS

SURFACE

COMMENTS(DECRIP. OF WORKINGS):

CUTS

PRODUCTION

NO PRODUCTION

23 SAMPLE - 1963 1.5 CU, AU, AG, 0.1 NI

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI

HOST ROCK TYPES..... METAVOLCANIC AND QUARTZITE

PERTINENT MINERALOGY..... "QUARTZITE"

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS,UNITS,OR ROCK TYPES

1) NAME: APPLEGATE GROUP

AGE: PERM-TRI

GENERAL REFERENCES

1) RAMP, L., 1963, BROWN PROSPECT; DDGMI UNPUBLISHED FILE REPORT

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

2033 First Street  
Baker, Oregon

1069 State Office Building  
Portland 1, Oregon

239 S.E. "H" Street  
Grants Pass, Oregon

Dear

REQUEST FOR SAMPLE INFORMATION

The State law governing analysis of samples by the State assay laboratory is given on the back of this blank. Please supply the information requested herein fully and submit this blank filled out along with the sample.

Your name in full Len Ramp (DOGAMI)

Street or P.O. Box P.O. Box 417 City & State Grants Pass, Oregon

Are you a citizen of Oregon?      Date on which sample is sent      3/8/63

Name (or names) of owners of the property Virgil Brown

Name of claim sample obtained from Malimute and sufficient size

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

County Josephine Mining District Waldo

Township 40 S Range 7 W Section 33 Quarter section S 1 NE 4

How far from passable road? 3/4 mile Name of road Bolan Lake Trail

Sample no. 1 x Au, Ag chf SW wall (foot?)

Sample no. 2 x Au, Ag, Cu, Fe, Ni, S Massive sulfides

(Samples for assay should be at least 1 pound in weight)

(Signed) *W. A.*

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

Sample Description #1 - In part quartz, limonite gossan, weathered quartzite.

#2 - Mixture of quartzite, pyrrhotite, chalcopyrite.

Sample number	GOLD		SILVER		COPPER	IRON	NICKEL	SULPHUR
	oz./T.	Value	oz./T.	Value	Cu	Fe	Ni	S
P-28204 XG-44	0.01	\$0.35	0.60	\$0.54	---	---	---	---
P-28205 XG-45	0.02	\$0.70	Trace	--	1.55%	46.22%	0.10%	34.06%

Send copy to Virgil Brown  
(cont 3/22/63) O'Brien