

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

Project Sample Record

PROJECT 41-300

ARG-1 Au, Ag
-2 Au, Ag
-3 Au, Ag
-4 Au, Ag

SAMPLES SUBMITTED BY: LEN RAMP DOGAMI

Date: January 18, 1983

Baker
 Grants Pass

Sample No.	Mine or Prospect	Type	District	S.	T.	R.	Assay for
ARG-1	Free & Easy	Grab	Waldo	6	39 S	8 W	Au, Ag
ARG-2	""	5' Chip	""	""	""	""	Au, Ag
ARG-3	""	3' chip	""	""	""	""	Au, Ag
ARG-4	""	multiple grab	""	""	""	""	

Descriptions:

- 1 Grab from No. 1 pit. Iron-stained aplite dike rock from N. edge of pit about 2,085 ft elevation.*
- 2 N. Wall No. 2 pit about 2,075 ft * elevation. Fractured rock similar to No. 1.
- 3 From floor of lower trench pit No. 4 about 1,860 ft * elevation. Greenish-gray siliceous dike rock with disseminated pyrite.
- 4 From face #5 pit site of caved adit. Iron-stained siliceous rock like #1 & 2 from about 1,890 ft * elevation.

(* may be high)

Results:

	Au	Ag
ARG-1	.049	.5
ARG-2	.010	.7
ARG-3	.050	.7
ARG-4	.020	.7

RECORD IDENTIFICATION

RECORD NO..... M060087
RECORD TYPE..... X1M
COUNTRY/ORGANIZATION. USGS
DEPOSIT NO..... DDGMI 100-340
MAP CODE NO. OF REC..

REPORTER

NAME..... SMITH, ROSCOE M.
DATE..... 78 08
UPDATED..... 81 02
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... FREE AND EASY LATERITE

COUNTRY CODE..... JS

COUNTRY NAME: UNITED STATES

STATE CODE..... OR

STATE NAME: OREGON

COUNTY..... JOSEPHINE

DRAINAGE AREA..... 17100311 PACIFIC NORTHWEST

PHYSIOGRAPHIC PRDV..... 13 KLAMATH MOUNTAINS

LAND CLASSIFICATION..... 41

QUAD SCALE

1: 62500

QUAD NO OR NAME

CAVE JUNCTION

LATITUDE

42-13-05N

LONGITUDE

123-40-16W

UTM NORTHING

4674000.

UTM EASTING

444600.

UTM ZONE NO

+10

TWP..... 38S

RANGE..... 08W

SECTION.. 32

MERIDIAN. WB & M

ALTITUDE.. 2080-2450

LOCATION COMMENTS: S 1/2

COMMODITY INFORMATION

COMMODITIES PRESENT..... NI CR CO

DRE MATERIALS (MINERALS, ROCKS, ETC.):
SOIL, SAPROLITE 70%

ANALYTICAL DATA (GENERAL)

SEVEN USBM SAMPLES AVERAGED 0.86 % NI; 0.028 % CO; AND 1.07 % CR

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2
YEAR OF DISCOVERY..... 1942
BY WHOM..... FREEPORT SULFUR

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

LATERITE

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

COMMENTS (DESCRIPTION OF DEPOSIT):

DEPOSIT COVERS ABOUT 40 ACRES WITH AN AVERAGE DEPTH OF 15 FEET

DESCRIPTION OF WORKINGS

COMMENTS (DESCRIP. OF WORKINGS):

AUGER HOLES

PRODUCTION

UNDETERMINED

23

0.86 NI, 1.07 CR2O3, 0.03 CO

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... JUR

HOST ROCK TYPES..... HARZBERGITE PLUS OR MINUS SERP

PERTINENT MINERALOGY..... ROCK 30%

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

1) NAME: JOSEPHINE PERIDOTITE

AGE: JUR

COMMENTS (GEOLOGY AND MINERALOGY):

APPEARS TO BE THE EROSIONAL REMNANT OF AN OLD LANDSLIDE.

GENERAL REFERENCES

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

LATERITES

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

MAX THICKNESS..... 35 FT

COMMENTS(DESCRIPTION OF DEPOSIT):

ROCK CONTENT ABOUT 30 % BY VOLUME.

PRODUCTION

UNDETERMINED

GEOLOGY AND MINERALOGY

HOST ROCK TYPES..... LATERITES

LOCAL GEOLOGY

COMMENTS (GEOLOGY AND MINERALOGY):

DEPOSIT AREA APPEARS TO BE AN EROSIONAL REMNANT OF OLD LANDSLIDE OF MIXED HARZBURGITE, SOIL, SAPROLITE, SERPENTINITE.

GENERAL REFERENCES

1) RAMP, LEN, 1978 , INVESTIGATIONS OF NICKEL IN OREGON: ODGMI MISC. PAPER NO. 20 , P. 31

RECORD IDENTIFICATION

RECORD NO..... MO15608
RECORD TYPE..... X1M
COUNTRY/ORGANIZATION. USGS
MAP CODE NO. OF REC..

REPORTER

NAME..... BRADLEY, ROBIN; WALKER, GEORGE W.
DATE..... 79 03

NAME AND LOCATION

DEPOSIT NAME..... FREE AND EASY

COUNTRY CODE..... JS
COUNTRY NAME: UNITED STATES

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

COUNTY..... JOSEPHINE

QUAD SCALE QUAD NO OR NAME
1: 62500 CAVE JUNCTION (1954)

UTM NORTHING UTM EASTING UTM ZONE NO
4673850. 441325.

TWP..... 088S
RANGE..... 008W
SECTION.. 32
MERIDIAN. WILLAMETTE

POSITION FROM NEAREST PROMINENT LOCALITY: 5 MILES FROM KERBY

LOCATION COMMENTS: S 1/2

COMMODITY INFORMATION

COMMODITIES PRESENT..... NI CO CR

ANALYTICAL DATA(GENERAL)

SEVEN USBM SAMPLES AVERAGE 0.367 % NI, 0.028 % CO, 1.07 % CR.

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2
YEAR OF DISCOVERY..... 1942
BY WHOM..... FREEPORT SULFUR COMPANY