

RED CAP CLAIMS (Ni)

Josephine County
Galice District

Owners: W. S. Robertson and associates, Grants Pass

Location: Secs. 26, 27, 34, 35, T. 34 S., R. 8 W.

(see sketch map of claims)

History: Seventeen lode claims were located in September 1957. The owners obtained several assays and checks from A. A. Hanks and N. W. Testing.

Geology: The area of the Red Cap claims is underlain by peridotite, serpentinite, metavolcanics and a surface mantle of red lateritic soil. The soil depth is not known except in a few places where shallow discovery cuts have encountered fairly fresh rock (2 to 6 feet depth). The soil is a darker red color near the surface and grades downward into a yellowish red to dun-colored weathered peridotite. The soil is apparently deeper on the flatter bench-like areas and where surface creep and landsliding has resulted in a hummocky surface. If the depth of soil averaged 4 feet, approximately 4 million tons of soil would be present in the area of the claims. The assays seem to indicate that there is very little enrichment of Ni in the soil zone. This is inconsistent with what has been found in other areas, (e.g. - Nickel Mountain, Red Flat, Woodcock Mountain, etc.).

Further sampling using soil auger or some comparable method to test for possible enrichment at greater depth may give more encouraging results.

Visited: 9/23/57 with W. S. Robertson.

Report: Oct. 1957 by L. Ramp

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State Department of Geology and Mineral Industries

1069 State Office Building
Portland 1, Oregon

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power
 Ni Analysis, Peavine Mountain Auger Holes, 1969 ?

Sample #	<u>Ppm Ni</u>
#1, 0-3 ft.	867
3-6 ft.	1010
6-9 ft.	1080
9-12 ft.	1090
12-15 ft.	1150

#2, 0-3 ft.	780
3-6 ft.	956
6-9 ft.	1130
9-12 ft.	1150

#3, 0-3 ft.	956
3-6 ft.	1220

AIG-114 0-4'	0.27 %	} 1975 hand-auger
" 115 4-8	0.45 %	

SAMPLES SUBMITTED BY: Len Ramp (DOGAMI) ADDRESS: P.O. Box 417 Grants Pass, Ore. DATE: 9-24-57

Sample No.	Mine or Prospect	Type	District	S.	T.	R.	Assay For
RG - 458	1. Red Cap #2	4' vert. channel	Galice	27	34 S	8 W	Ni
459	2. Red Cap #3	grab	"	"	"	"	"
460	3. " " "	2' vert. channel	"	"	"	"	"
461	4. " " "	3' " "	"	"	"	"	"
462	5. " " "	picked	"	"	"	"	"
463	6. " " ?	2' vert. channel	"	South	"	"	"
464	7. " " 5-6(?)	grab	"	SE $\frac{1}{4}$	"	"	"

Descriptions:

1. Red laterite soil over peridotite from south wall discovery cut at deepest point.
2. Olive to dun colored amphibole-bearing peridotite.
3. Same as No. 1 - from road cut north end No. 3 claim.
4. Red to yellow laterite and weathered peridotite from north side discovery cut.
5. Yellow laterite and weathered peridotite from floor of discovery cut.
6. Reddish-brown to yellow laterite from bank on Peavine Road 2600 feet elevation.
7. Yellow-brown laterite and weathered peridotite from bank lower road.

Results:

		<u>NICKEL</u> (Ni)	<u>COBALT</u> (Co)
RG-458	P-22014	0.20%	Trace
RG-459	P-22015	0.27	"
RG-460	P-22016	0.29	"
RG-461	P-22017	0.32	"
RG-462	P-22018	0.30	"
RG-463	P-22019	0.35	"
RG-464	P-22020	0.24	"

RECORD IDENTIFICATION

RECORD NO..... MO15614
RECORD TYPE..... XIN
COUNTRY/ORGANIZATION. USGS
MAP CODE NO. OF REC..

REPORTER

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

NAME AND LOCATION

DEPOSIT NAME..... PEAVINE
SYNONYM NAME..... RED CAP GROUP

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

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

COUNTY..... JOSEPHINE

QUAD SCALE QUAD NO OR NAME
1: 62500 GALICE (1946)

LATITUDE LONGITUDE
42-35-01N 123-37-35W

UTM NORTHING UTM EASTING UTM ZONE NO
4714550. 448600. +10

TWP..... 034S
RANGE..... 008W
SECTION.. 26 27 34
MERIDIAN. WILLAMETTE

POSITION FROM NEAREST PROMINENT LOCALITY: WEST OF PEAVINE ON SE SLOPES OF MT. PEAVINE

ANALYTICAL DATA(GENERAL)
ASSAYS IN REFERENCE

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLDR. OR DEV. 2
YEAR OF DISCOVERY..... SEPT. 1957

WORK DONE BY USGS
YEAR WORK TYPE GEOLOGIST AND RESULTS

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:

LATERITES

FORM/SHAPE OF DEPOSIT:

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL

PRODUCTION

UNDETERMINED

COMMENTS (RESERVES/POT RESOURCES).. SHALLOW SAMPLING INDICATES LITTLE NICKEL ENRICHMENT. SOME INCREASE MAY BE INDICATED AT DEPTH. FURTHER ATTEMPTS TO SAMPLE AT GREATER DEPTHS MAY BE JUSTIFIED.

GEOLOGY AND MINERALOGY

HOST ROCK TYPES..... LATERITES

LOCAL GEOLOGY

COMMENTS (GEOLOGY AND MINERALOGY):

UNDERLYING ROCK IS PERIDOTITE

GENERAL COMMENTS

SEVENTEEN LODE CLAIMS LOCATED IN 1957 .

GENERAL REFERENCES

1) RAMP, LEN, 1978 , INVESTIGATIONS OF NICKEL IN OREGON: ODGMI MISC. PAPER NO. 20 , P. 51 .