State Department of Geology and Mineral Industries

702 Woodlark Building Portland, Oregon

BLUFF Prospect (N1, Cu, Co)

Illinois River Area Josephine County

Owners: Peter and Lennie Brooks, Takilma, Oregon. The Bluff claim location notice was filed April, 1952.

Location: NET, sec. 32, T. 57 S., R. 8 W., on the west side of Squaw Creek at an elevation of 2725 feet (A). The property is about 2 mile by trail N. 150 W of Kennedy Ranch house.

Development: An open cut approximately 15 feet in length with a depth of about 10 feet trends N. 25° E.

Geology: A shear zone in serpentine containing a vein or narrow lens of magnetite varying from 1 inch to 6 inches in width is exposed in the face and floor of the cut. The magnetite contains some minute grains of a bronze-yellow metallic mineral that is probably pyrrhetite, but some or all of it could be chalcopyrite. Thin films of malachite and possibly some garnierite eccur adjacent to the magnetite and in the serpentine surrounding the magnetite lens.

The following samples have been assayed:

Sample No.	S Ni	% Co	\$ Gu	Remarks		
P-12767 (MG-180)	2.11	0.07	0.30	Submitted by Lennis Brooks		
P-15147	1.51	0.17	1.90	Submitted by Peter Brooks		
P-15882 (MG-549)	.85	0.10	1.60	6 inch channel sample from bottom of location cut; taken by D. J. W.		

Visited by: BJW 8-19-52 Report by: BJW 9-5-52

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

MG-349 Co, Cu, ni, Pt

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 as fully as possible and submit this blank filled out along with the sample.

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Send copy to Lill Brooks 9/8/52

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

REQUEST FOR SAMPLE INFORMATION

The State law governing analysis of samples by the State assay laboratory is gi on the back of this blank. Please supply the information requested herein as fully possible and submit this blank filled out along with the sample.	
Your name in full expeter Brooks six as some state and save as seed to should	
Post office address Takilma, Oregon and Isaa 10 11 18 18 18 18 18 18 18 18 18 18 18 18	
Are you a citizen of Oregon Yes Date on which sample is sent 7-29-52	
Name (or names) of owners of the property Peter Brooks	
Are you hiring labor? No sage and policious laborated as you get	
Name of claim sample obtained from Bluff Mine	
Are you milling or shipping ore? NO was a second a second	
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 Illinois River	
Township 37 S Range 8 W Section 32 Quarter section	
How far from passable road and name of road 1 mile from Oak Flat road	
Channel (length) Grab Assay for Description	
Sample no. 1 vi bedstider ed ves bee so Ni, Co, Cu tour of person ad these	
Sample no. 2 hertrades interest ent an ent and ent	
Signed) Peter Brooks	
DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED	
Description Weathered serpentine and peridotite, some granierite (?) in thin seams.	
CTIVED CONTRACTOR OF THE CONTR	
Sample GOLD SILVER NICKEL COBALT COPPER number oz./T. Value oz./T. Value Ni Co Cu	
P-13147 1.31% 0.17% 1.90%	-
Report issued Card filed Report mailed 8-11-52 Called for	

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2033 First Street Baker, Oregon 1069 State Office Building Portland 1, Oregon

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

REQUEST FOR SAMPLE INFORMATION

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Your name in	full	Lei	nnie Bro	oks	no adosca	of ores an	0 mov3	
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Are you a ci	tizen	of Oregon	Yes	_Date on	which samp		5-19-52	
Name (or name								
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Location of place County_	proper cation	ty or sou with ref	rce of sar erence to	nple (If known g	legal desc eographical	cription is point.)	not known,	give
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(probable	prim	ary nich	cel mine	ral as	yet not d	determined	1.	
Sample	GO:		SIL		NICKEL	COBALT	COPPER	
	z./T.	Value	oz./T.	Value	NI	CO	CU	
P-12767 MG-180					2.11%	0.07%	0.30%	
					1	-		

Report issued Card filed Report mailed 6-19-52 Called for

RECORD IDENTIFICATION

RECORD TYPE X1M

COUNTRY/ORGANIZATION. USGS

DEPOSIT NO..... DDGMI 100-286

MAP CODE NO. OF REC ..

REPORTER

NAME SMITH, ROSCOE M.

BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... BLUFF PROSPECT

MINING DISTRICT/AREA/SUBDIST. ILLINDIS RIVER

COUNTRY CODE.......... US

COUNTRY NAME: UNITED STATES

STATE CODE DR

STATE NAME: DREGON

COUNTY..... JOSEPHINE

DRAINAGE AREA..... 17100311 PACIFIC NORTHWEST

PHYSIOGRAPHIC PROV. 13 KLAMATH MOUNTAINS

LAND CLASSIFICATION 41

QUAD SCALE QUAD NO DR NAME

1: 62500 SELMA

LATITUDE LONGITUDE 42-18-46N 123-39-45%

UTM NORTHING UTM EASTING UTM ZONE ND 4684500. 445400. +10

TWP..... 37S RANGE.... 08W

SECTION.. 32

MERIDIAN. WB & M

LOCATION COMMENTS: NE 1/4

COMMODITY INFORMATION

COMMODITIES PRESENT..... CU NI CO FE

MINDR COMMOD.... CU NI CO

THE MATERIALS (MINERALS . ROCKS . ETC .): MAGNETITE: PYRRHOTITE, CHALCOPYRITE

ANALYTICAL DATA (GENERAL) SELECTED SAMPLES ASSAYED 0.83 - 2.11 % NI; 0.07 - 0.17 % CO; 0.30 - 1.90 % CU

EXPLORATION AND DEVELOPMENT STATUS OF EXPLOR. OR DEV. 2

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES: METAMORPHIC FORM/SHAPE OF DEPOSIT: LENS

SIZE/DIRECTIONAL DATA SIZE OF DEPOSIT..... SMALL MAX WIDTH 6

INCHES

PRODUCTION . UNDETERMINED 23

GEDLOGY AND MINERALOGY

AGE OF HOST ROCKS JUR HOST ROCK TYPES..... SERPENTINITE

LOCAL GEOLOGY NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES 1) NAME: JOSEPHINE PERIDOTITE AGE: JJR

COMMENTS (GEOLOGY AND MINERALOGY): LENSES OF MASSIVE MAGNETITE WITH MINOR PYRRHOTITE AND CHALCOPYRITE OCCUR IN SHEARED SERPENTINE.

GENERAL REFERENCES

1) RAMP, L. AND PETERSON, N.V., 1979, GEDLOGY AND MINERAL RESOURCES OF JOSEPHINE COUNTY, DREGON; DOGMI BULL. 100,

0.8-2.1 NI. 0.3-1.9 CU. 0.07-0.1 CO

2) RANP, L., 1978. INVESTIGATIONS OF NICKEL IN OREGON: ODGNI MISC. PAPER-20. P.62