

# State Department of Geology and Mineral Industries

1069 State Office Building  
Portland 1, Oregon

## FOSTER CREEK GOLD PROSPECT DOUGLAS COUNTY, OREGON

Umpqua District

This prospect is an epithermal gold-silver occurrence in the Western Cascade volcanic province. Free gold is present as very finely disseminated grains in altered zones in tuffaceous and andesitic rocks. The main mineralized zone, although not continuous, is at least 7,000 feet long and 100-300 feet wide. Individual gold-bearing areas range from about 20 to 200 feet wide and are up to several hundred feet long.

Assay values are commonly below \$5/ton in gold and silver, but range up to \$20.70/ton.

Several minor occurrences of cinnabar (see regional sketch map) were found along the margins of the gold-bearing portion of the main zone. In addition, a stream silt survey of the general area suggested a possible association between gold and arsenic (figure 2).

This gold occurrence is apparently related regionally to sulphide zones located along a northwest trend which are more typical of "barren" Tertiary volcanic mineralization.

Because there are many other somewhat similar mineralized zones in Oregon's Tertiary volcanic rocks, it is suggested that a better understanding of the metal distribution in this deposit could materially aid in the evaluation of many other sulphide zones of this type.

Report by R. C. Bartley 8-24-71

visited 8-17-71

RECEIVED  
SEP 27  
STATE DEPT OF  
MINERAL IND

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
PROJECT SAMPLE RECORD

*Foster Creek*

SAMPLES SUBMITTED BY: LEN RAMP ADDRESS: P.O. BOX 417 GRANTS PASS, ORE 97526 DATE: August 19, 1971

<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>
AFG-77	No	30" chip	Riddle <i>Ampegua</i>	N. edge SW $\frac{1}{4}$ 14	32 S	3 W	Au
AFG-78	Foster Creek	3 ft. chip	Riddle <i>Ampegua</i>	NE $\frac{1}{4}$ NE $\frac{1}{4}$ 25	29 S	3 E	Au, Ag

Descriptions:

AFG - 77 Gouge zone between ultramafic and quartz diorite composed largely of clay, weathered rock and talc.

AFG - 78 Bleached and altered iron-stained clayey tuff.

Results:

<u>Sample No.</u>	<u>Gold oz/ton</u>	<u>Silver oz/ton</u>
P-36770 - AFG-77	nil	---
P-36771 - AFG-78	0.23	0.80

State of Oregon Department of Geology and Mineral Industries  
 1069 State Office Building, Portland, Oregon 97201

REQUEST FOR SAMPLE INFORMATION

Date: 10-1-71 Sec. 10 Twp. 29S R. 3E County: DOUGLAS  
 (For your records)

Please print name and address in space below

LEN RAMP  
 P.O. Box 417  
 GRANTS PASS, OREGON

A copy of the law governing this service is printed on the back of this sheet. Please fill out this form in triplicate and submit with your sample and analysis fee. One copy will be returned with the results entered in the space below.

Customer's Sample No.	Assay for	(for your records, if desired)		
		Grab	Channel (length)	Source of Sample
1	GOLD		0-3'	A <sub>2</sub>
2	✓		3'-6'	-
3	-		6'-9'	-
4	-		9'-12'	-
5	✓		12'-15'	-
6	✓		15'-18'	-

Samples should weigh at least one pound and be dry. Fee for analysis must accompany sample.  
 Date Rec'd: \_\_\_\_\_ Amount Rec'd: \_\_\_\_\_ Analysis Mailed: October 5, 1971

Lab. No.	Cust. No.	Gold oz/ton	Silver oz/ton			
P-36904	1	nil				
P-36905	2	nil				
P-36906	3	nil				
P-36907	4	nil				
P-36908	5	nil				
P-36909	6	trace				

**NOTE:** The Department assumes responsibility only for the analytical results and not for the validity of any samples submitted.

Analyzed by Wm M. Kalin

State of Oregon Department of Geology and Mineral Industries  
 1069 State Office Building, Portland, Oregon 97201

REQUEST FOR SAMPLE INFORMATION

Date: 10-1-74 Sec. 10 Twp. 29S R. 3E County: DOUGLAS  
 (For your records)

Please print name and address in space below

LEN RAMP  
 PO BOX 417  
 GRANTS PASS, OREGON

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Customer's Sample No.	Assay for	(for your records, if desired)		
		Grab	Channel (length)	Source of Sample
7	GOLD		18'-21'	A2
8	/		21'-24'	/
9	/		24'-27'	/
10	/		27'-30'	/
11	/		30'-32'	/
12	/		0-3'	A3

Samples should weigh at least one pound and be dry. Fee for analysis must accompany sample.  
 Date Rec'd:                      Amount Rec'd:                      Analysis Mailed: October 5, 1971

Lab. No.	Cust. No.	Gold oz/ton	Silver oz/ton			
P-36910	7	nil				
P-36911	8	trace				
P-36912	9	nil				
P-36913	10	nil				
P-36914	11	trace				
P-36915	12	trace				

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Analyzed by Wm M. Baker

State of Oregon Department of Geology and Mineral Industries  
 1069 State Office Building, Portland, Oregon 97201

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Customer's Sample No.	Assay for	(for your records, if desired)		
		Grab	Channel (length)	Source of Sample
13	GOLD		3'-6'	A3
14	-		6'-9'	-
15	-		9'-12'	-
16	-		12'-15'	-
17	-		15'-18'	-
18	-		18'-19'	-

Samples should weigh at least one pound and be dry. Fee for analysis must accompany sample.  
 Date Rec'd: \_\_\_\_\_ Amount Rec'd: \_\_\_\_\_ Analysis Mailed: October 5, 1971

Lab. No.	Cust. No.	Gold oz/ton	Silver oz/ton			
P-36906	13	trace				
P-36917	14	trace				
P-36918	15	trace				
P-36919	16	trace				
P-36920	17	nil				
P-36921	18	nil				

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Analyzed by Wm M. Kuhn

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Customer's Sample No.	Assay for	(for your records, if desired)		
		Grab	Channel (length)	Source of Sample
19	GOLD		19' 20'	A3
20	✓		19' 26' CORE	A3

Samples should weigh at least one pound and be dry. Fee for analysis must accompany sample.  
 Date Rec'd:                      Amount Rec'd:                      Analysis Mailed:                      October 5, 1971

Lab. No.	Cust. No.	Gold oz/ton	Silver oz/ton			
P-36922	19	trace				
P-36923	20	nil				

**NOTE:** The Department assumes responsibility only for the analytical results and not for the validity of any samples submitted.

Analyzed by Wm M. Kahn

RECORD IDENTIFICATION

RECORD NO..... M020158  
 RECORD TYPE..... X1M  
 INFORMATION SOURCE... 12  
 MAP CODE NO. OF REC..

REPORTER

NAME..... FERNIS, MARK L. (BROOKS, HOWARD C.)  
 AFFILIATION..... ODGMI  
 DATE..... 81 01

NAME AND LOCATION

DEPOSIT NAME..... FOSTER CREEK GOLD PROSPECTS

COUNTRY CODE..... US  
 COUNTRY NAME: UNITED STATES

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

COUNTY..... DOUGLAS  
 DRAINAGE AREA..... 17100307 PACIFIC NORTHWEST  
 PHYSIOGRAPHIC PROV..... 13 WESTERN CASCADES  
 LAND CLASSIFICATION..... 41

QUAD SCALE            QUAD NO OR NAME  
 1: 62500            GARWOOD BUTTE

LATITUDE            LONGITUDE  
 43-01-35N            122-24-21W

UTM NORTHING        UTM EASTING        UTM ZONE NO  
 4763700            548400            +10

TWP..... 029S  
 RANGE..... 003E  
 SECTION.. 23 24 25  
 MERIDIAN. WILLAMETTE

ALTITUDE.. 4000 FT

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU    AG    HG

MAIN COMMOD..... AU

ORE MATERIALS (MINERALS, ROCKS, ETC.):  
FREE GOLD, PYRITE, CINNABAR

ANALYTICAL DATA (GENERAL)

0.23 OZ/TON AU; 0.80 OZ/TON AG (ODGMI ANALYSES) MOST VALUES LESS THAN 0.15 OZ/TON AU

EXPLORATION AND DEVELOPMENT

STATUS OF EXPLOR. OR DEV. 2  
YEAR OF DISCOVERY..... 1965  
BY WHOM..... GEORGE SLADE  
PRESENT/LAST OPERATOR.... R.C. BARTLEY, ASHLAND OREGON (1971)

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:  
DISSEMINATED  
FORM/SHAPE OF DEPOSIT: LENTICULAR

SIZE/DIRECTIONAL DATA

SIZE OF DEPOSIT..... SMALL  
MAX LENGTH..... 7000 FT  
MAX WIDTH..... 600 FT  
STRIKE OF OREBODY.... N 35 W

COMMENTS (DESCRIPTION OF DEPOSIT):

DISCONTINUOUS GOLD MINERALIZATION OCCURS IN A MAIN ZONE APPROXIMATELY 7000 FEET LONG AND 100 TO 600 FEET WIDE.  
INDIVIDUAL GOLD-BEARING ZONES ARE 20-200 FT WIDE AND SEVERAL HUNDRED FEET LONG

PRODUCTION

NO PRODUCTION

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... OLIGO-MID  
HOST ROCK TYPES..... TUFF, ANDESITE

AGE OF ASSOC. IGNEOUS ROCKS.. OLIGO-MID  
IGNEOUS ROCK TYPES..... TUFF, ANDESITE

PERTINENT MINERALOGY..... CLAYS

LOCAL GEOLOGY

COMMENTS (GEOLOGY AND MINERALOGY):

FREE GOLD AND PYRITE OCCUR AS FINELY DISSEMINATED GRAINS IN ALTERED TUFF AND ANDESITE. THE MINERALIZED ZONE APPEARS TO HAVE A MERCURY HALO

GENERAL REFERENCES



Foster Creek Gold Prospect  
Douglas County, Oregon

This prospect is an epithermal gold-silver occurrence in the Western Cascade volcanic province. Free gold is present as very finely disseminated grains in altered zones in tuffaceous and andesitic rocks.

The main mineralized zone, although not continuous, is at least 7,000 feet long and 100-600 feet wide.

Individual gold-bearing areas range from about 20 to 200 feet wide and are up to several hundred feet long.

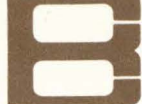
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This gold occurrence is apparently related regionally to sulphide zones located along a northwest trend which are more typical of "barren" Tertiary volcanic mineralization.

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R.C. Butler 8/29/71



APR 26 1982

## CERTIFICATE OF ASSAY

TO Denison Mines (U.S.) Inc.

**A21 - 1818**

North 9107 Country Homes Boulevard

**November 24, 1981**

SPOKANE, WASHINGTON 99218

**PROJECT:** Northwest Sulfides (Recon)

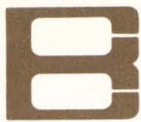
*I hereby certify* that the following are the results of assays made by us upon the herein described pulps samples.

MARKED	Percent	MARKED	Percent	MARKED	Percent
	<b>Cu</b>				
<b>22964</b>	<b>2.98</b>	Dodson Butte area, Panama adit,	massive pyrr + cp (a Dorothy Kartes prospect)		
<b>22965</b>	<b>2.40</b>	" " " , trench above	adit, gossan w/residual cp		

cc Mr. R. C. Parker - Oregon

NOTE:  
Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

  
Registered Assayer, Province of British Columbia



# BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. V7P 2R5 PHONE: 985-0681 TELEX: 04-352667

## CERTIFICATE OF ASSAY

TO Denison Mines Ltd.  
44 North 9107 Country Homes Boulevard  
SPOKANE, WASHINGTON 99218

A21 - 1987

December 16, 1981

PROJECT: NONE GIVEN

I hereby certify that the following are the results of assays made by us upon the herein described pulp samples.

OUR GEOCHEM REPORT 121-3729	Percent Cu	MARKED	Percent	MARKED	Percent
22964	2.96				
22965	2.32				

cc Mr. R. C. Parker - Oregon

NOTE:  
Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.