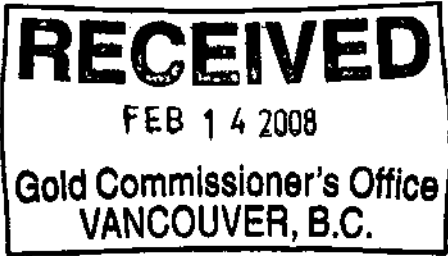


BC Geological Survey  
Assessment Report  
29411

Prospecting Report

Geochemical Analyses of a Bedrock Sample from Mineral Claim 360261



Victoria Mining Division

092C/059

48 deg. 30 min. 40.7 sec. North

124 deg. 19 min. 43.3 sec West

Owner of claim Dean M. Arbic

Work Performed by Dean M. Arbic

Report Written by Dean M. Arbic

February 04 2008

**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT**

**29,411**

## Table of Contents

Title Page.....	pg. 1
Table of Contents.....	pg. 2
Introduction.....	pg. 3
Confirmation Page.....	pg. 4
Confirmation Page #2.....	pg. 5
Work Summary and Observations.....	pg. 6
Access Location Map.....	pg. 7
Sample Location Map.....	pg. 8
Quartz vein Diagram.....	pg. 9
Exploration Trench Diagram.....	pg. 10
Prospected Area and Exploration Trench Map.....	pg. 11
Geochemical Analysis Certificate.....	pg. 12
Geochemical Precious Metals Analysis Certificate.....	pg. 13
Statement of Work and Cost.....	pg. 14
Receipt.....	pg. 15
Conclusion, Interpretation and Qualifications.....	pg. 16

## Introduction

Mineral claim 360261 is situated approximately 10 kilometers south of the town of Port Renfrew. The Claim is north of the Juan De Fuca marine trail and south of NSR 366666. A number of small creeks flow through the claim, they are tributaries of Minute Creek that is about 400 meters to the southeast and Kuitshe Creek is about 500 meters to the northwest. There is very little exposed bedrock on the claim except along the banks of the small tributaries of Minute creek.

Access is obtained by driving south for 10 km along the West Coast road from the town of Port Renfrew. There is an old de-activated logging road the (Old) Minute Creek Forest Service Road (not to be confused with the new Minute Creek Forest Service Road) that serves as an access trail. The length of the portions of the old Minute Creek Forest Service road used to access the claim is about 2.5 kilometers and very difficult to hike since the bridges and culverts were removed when the road was de-activated. A small foottrail of about 220 meters was constructed to link the exploration trench to the old logging roads.

The claim 360261 was staked by the author, Dean M. Arbic on October 27 1997 as a two post claim and registered at the Victoria Mineral Titles office on October 31 1997. The claim was staked with the intention of finding veins of gold bearing bedrock and other precious metals. There has been prospecting for gold in this area since the Spanish arrived some 200 years ago. Dean Michael Arbic took all the observations and did all the prospecting work.



Contact Us ►

### Mineral Titles Online Viewer

Authorized Access

### Exploration and Development Work / Expiry Date Change Event Detail

<b>Event Number ID</b>	<b>4175280</b>
Work Type Code	Technical Work (T)
Amount	\$ 126.26
Work Start Date	2006/oct/04
Work Stop Date	2006/nov/14
Mine Permit Number	1610290
PAC name	DEAN ARBIC
PAC credit	\$ 0.03
Tenure Numbers	360261
Work Performed Index	Y
Old Good To Date	2007/oct/27
New Good To Date	2008/jun/14
Tenure Area	25
Required Work Amount	\$ 126.23
Submission Fee	\$ 6.33
Work Type Item Code	Prospecting (PR)
Work Type Code	Technical Work (T)
Work Type Item Code	Geochemical (C)
Work Type Code	Technical Work (T)

2007-11-16

Click [here](#) to go back to the previous page  
Click [here](#) to go back to the tenure search page.  
Click [here](#) to print this page.

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B.C. HOME

Mineral Titles

### Mineral Titles Online

#### Mineral Claim Exploration and Development Work Expiry Date Change

Confirmation

Record #: ARBIC, DEAN MICHAEL (133434)      Submitted: ARBIC, DEAN MICHAEL (133434)  
 Record #: 2007/OCT/16      Title: 2007/OCT/16  
 Work Date: 2007/OCT/16

Mineral Claim Exploration and Development Work/Expiry Date Change

Your report is due in 90 days. Please attach a copy of this confirmation page to the front of your report.

Event Number: 4175280

Work Start Date: 2006/OCT/4  
Work Stop Date: 2006/NOV/14

Total Value of Work: \$ 126.26  
Mine Permit No: 1610290

Work Type: Technical Work  
Technical Items: Geochemical, Prospecting

Summary of the work value:

Tenure #	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days Forward	Area in Ha	Work Value Due	Sub- mission Fee
360261	CRANTERELLE	1997/oct/27	2007/oct/27	2008/jun/14	231	25.00	\$ 126.23	\$ 6.33

- Main Menu
- Search for Mineral / Placer / Coal Titles
- View Mineral Tenures
- View Placer Tenures
- View Coal Tenures

→ MTO Help Tips

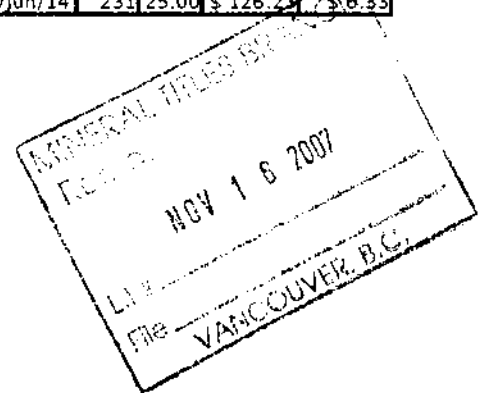
Exit this e-service

Total required work value: \$ 126.23  
 PAC name: DEAN ARBIC  
 Debited PAC amount: \$ 0.00  
 Credited PAC amount: \$ 0.03  
 Total Submission Fees: \$ 6.33  
 Total Paid: \$ 6.33

The event was successfully saved.

Please use Back button to go back to event confirmation index.

Back



GEOLOGICAL SURVEY BRANCH APPROVED FOR PAYMENT

23

### Work Summary and Observations

My prospecting efforts have been exclusively in an area approx. 150 meters upstream and approx. 50 meters downstream of the exploration trench. The exposed bedrock is varied, between large areas of basalt igneous bedrock, and large areas of what appears to be metamorphic gneiss bedrock and smaller areas of sedimentary sandstone and limestone conglomerates.

The location of the exploration trench was chosen to attempt to intersect a quartz-schist-ferroan dolomite vein that can be easily seen where it crosses the creek. Since I could not dig near the creek, I planned an exploration trench to the east side of the small creek. I felt that this quartz vein was the most promising geological feature in the area prospected that might yield gold.

The vein strikes almost east-west and appears dip to the west and rise to the east. The vein is approx 30 cm wide and is split in the middle with quartz crystals protruding to the center. I suspect that it is a hydrothermal vein. The trench was dug to a depth of 1 meter and did not expose the quartz vein. Upon digging I noticed the basalt type bedrock had small 2 cm. wide veins of ochre and small 0.25cm wide veinlets of quartz, and small 1mm to 2mm round metallic spots. I took chip samples from across 2.5 meters of the exploration trench, and sent 200 grams of the most metallic pieces to Acme Analytical Labs in Vancouver for geochemical testing . The results of the testing are included in this report. I will continue to dig this exploration trench in hopes of exposing the quartz vein.

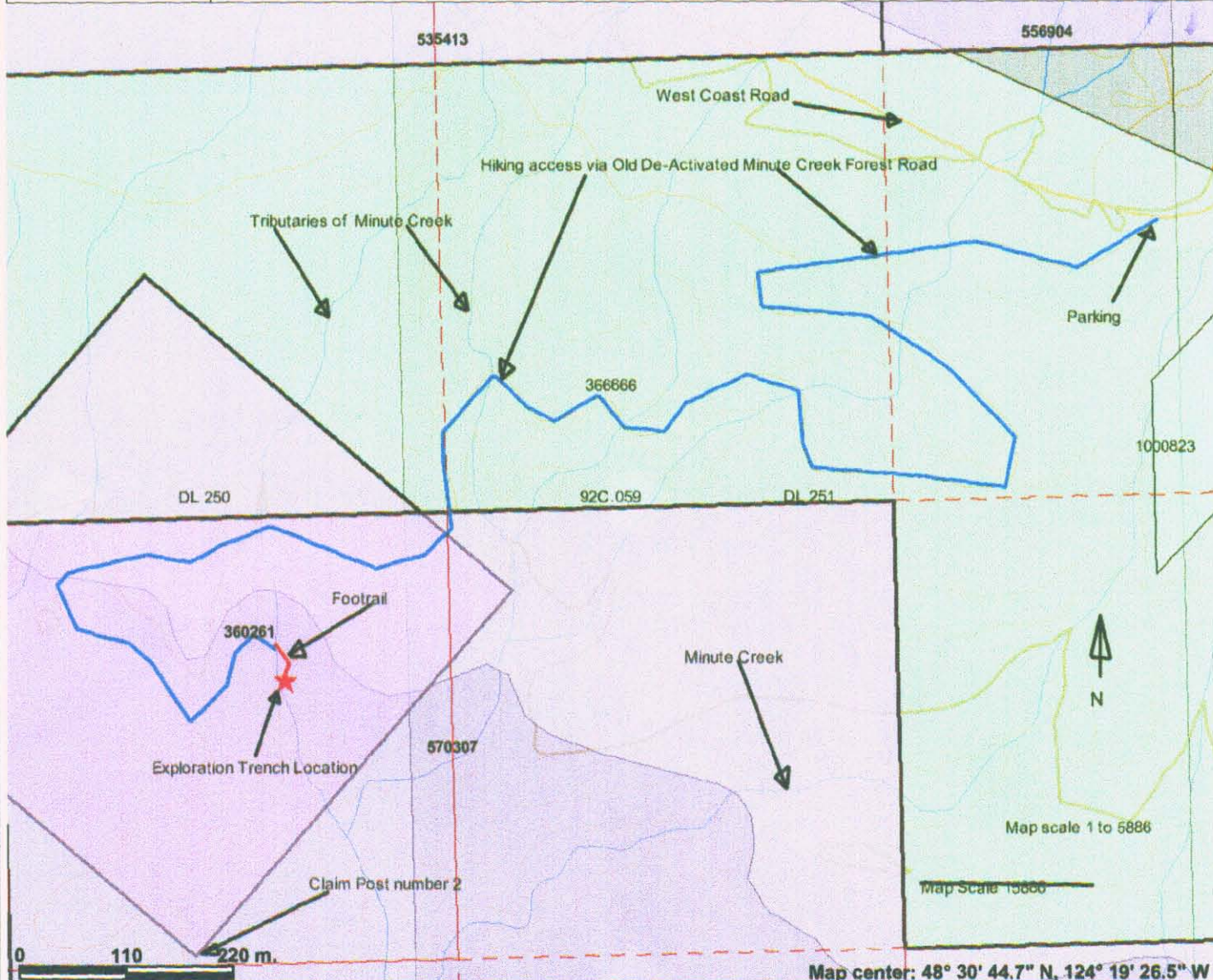
Date: FEB. 08 2008 Signature: Dean M. Ali

# Access Location 360261



## Legend

- Indian Reserves
- National Parks
- Parks
- MTO Grid (MTO)
- Mineral Tenure (current)
- Mineral Claim
- Mineral Lease
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (TRIM)
- Contour - Index
- Contour - Index.Indefinite
- Contour - Index.Depression
- Contour - Index.Depression Indefinite
- Contour - Intermediate
- Contour - Intermediate.Indefinite
- Contour - Intermediate.Depression
- Contour - Intermediate.Depression Indefinite
- Area of Exclusion
- Area of Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)



This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: Star indicates location of exploration trench- 48 deg. 30 min. 40.7 sec. North 124 deg. 19min. 43.3 sec. West

# Sample Location 360261



## Legend

- Indian Reserves
- National Parks
- Parks
- Mineral Titles Grid (LRDW)
- Mineral Tenures (Mineral - LRDW)
- Mineral Claim
- Mineral Lease
- Reserves (Mineral - LRDW Sites)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Mining Division (MTO)
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (TRIM)
- Contour - Index
- Contour - Index.Indefinite
- Contour - Index.Depression
- Contour - Index.Depression Indefinite
- Contour - Intermediate
- Contour - Intermediate.Indefinite
- Contour - Intermediate.Depression
- Contour - Intermediate.Depression Indefinite
- Area of Exclusion
- Area of Indefinite Contours
- Annotation (1:20K)

0 27 54 m.

Map center: 48° 30' 40.1" N, 124° 19' 45.3" W



Scale: 1:1,558

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: Bedrock sample 48 degrees 30 minutes 40.7 seconds N 124 degrees 19 minutes 43.3 seconds W



Diagram of Quartz vein and Bedrock seen in Creek near Exploration Trench

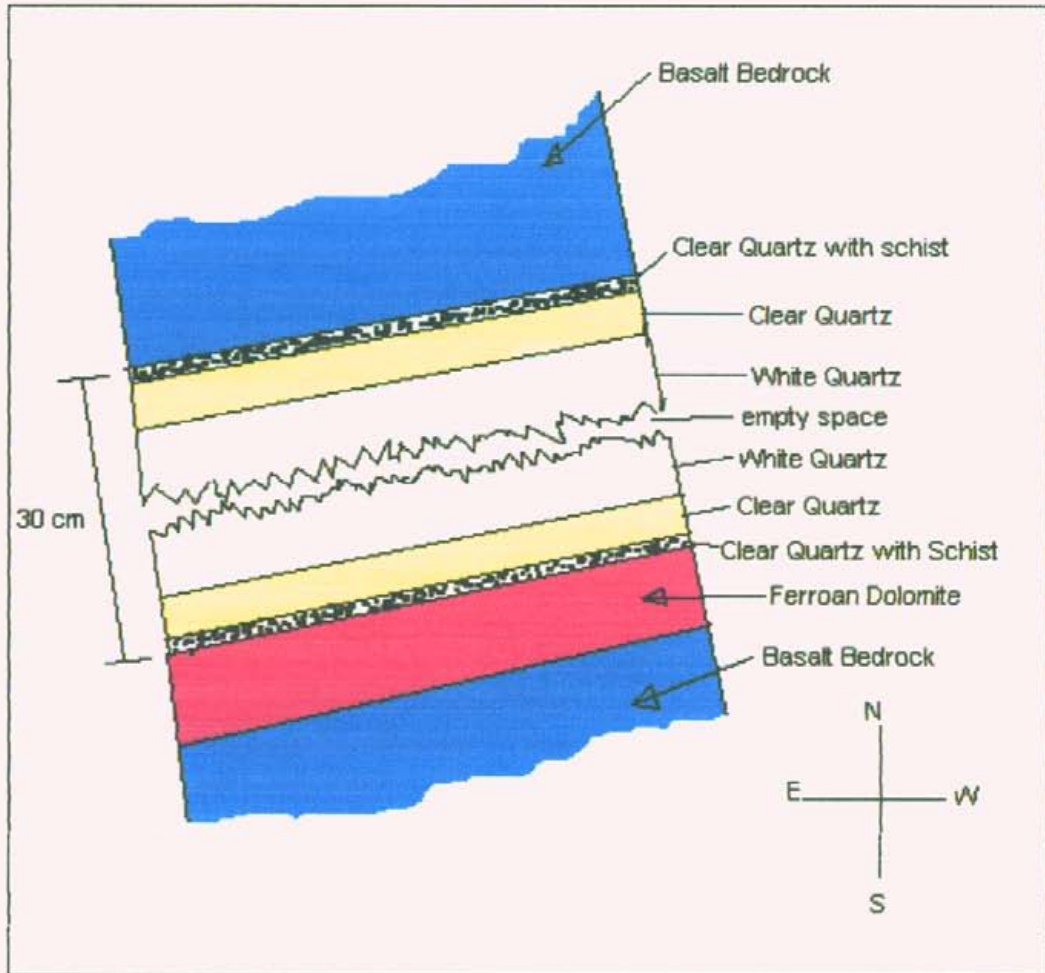
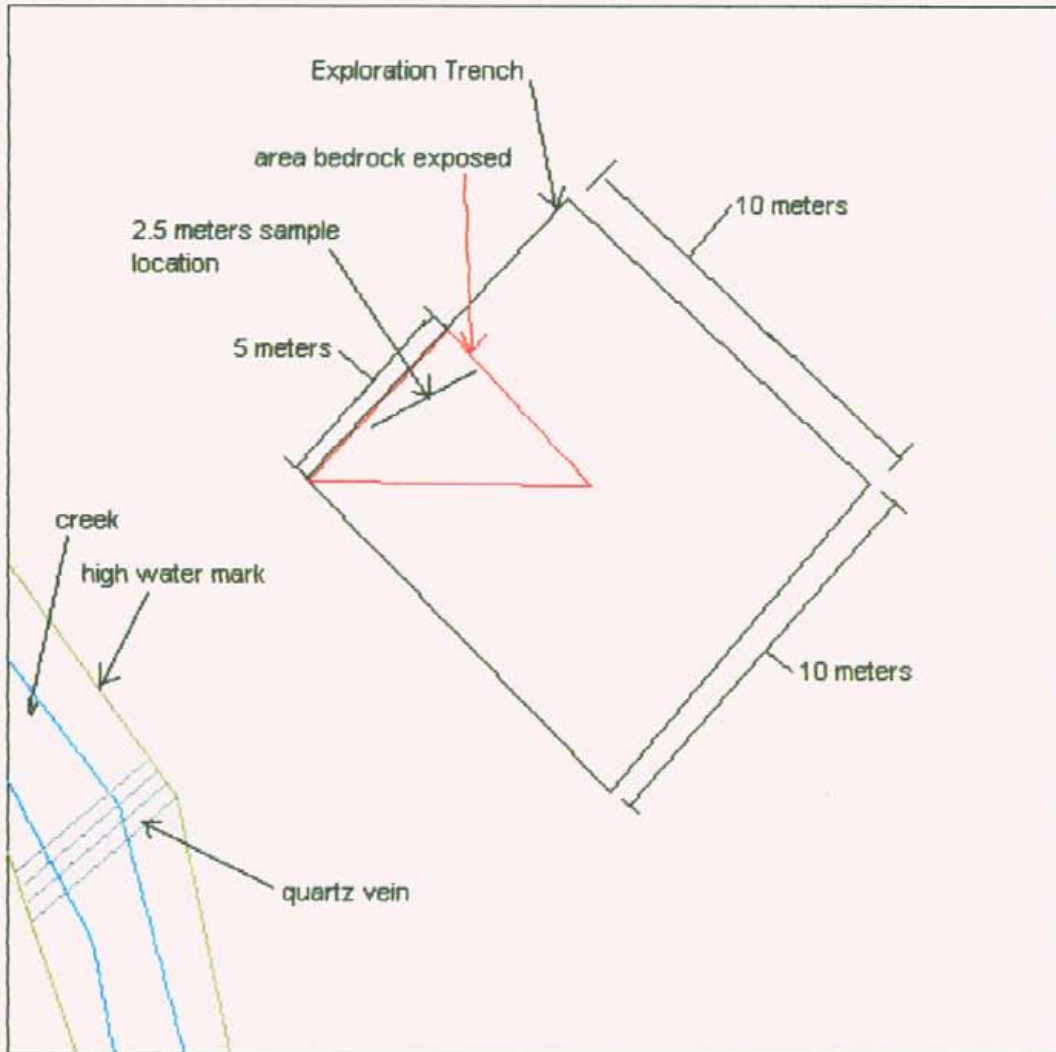


Diagram of Quartz vein and Exploration Trench

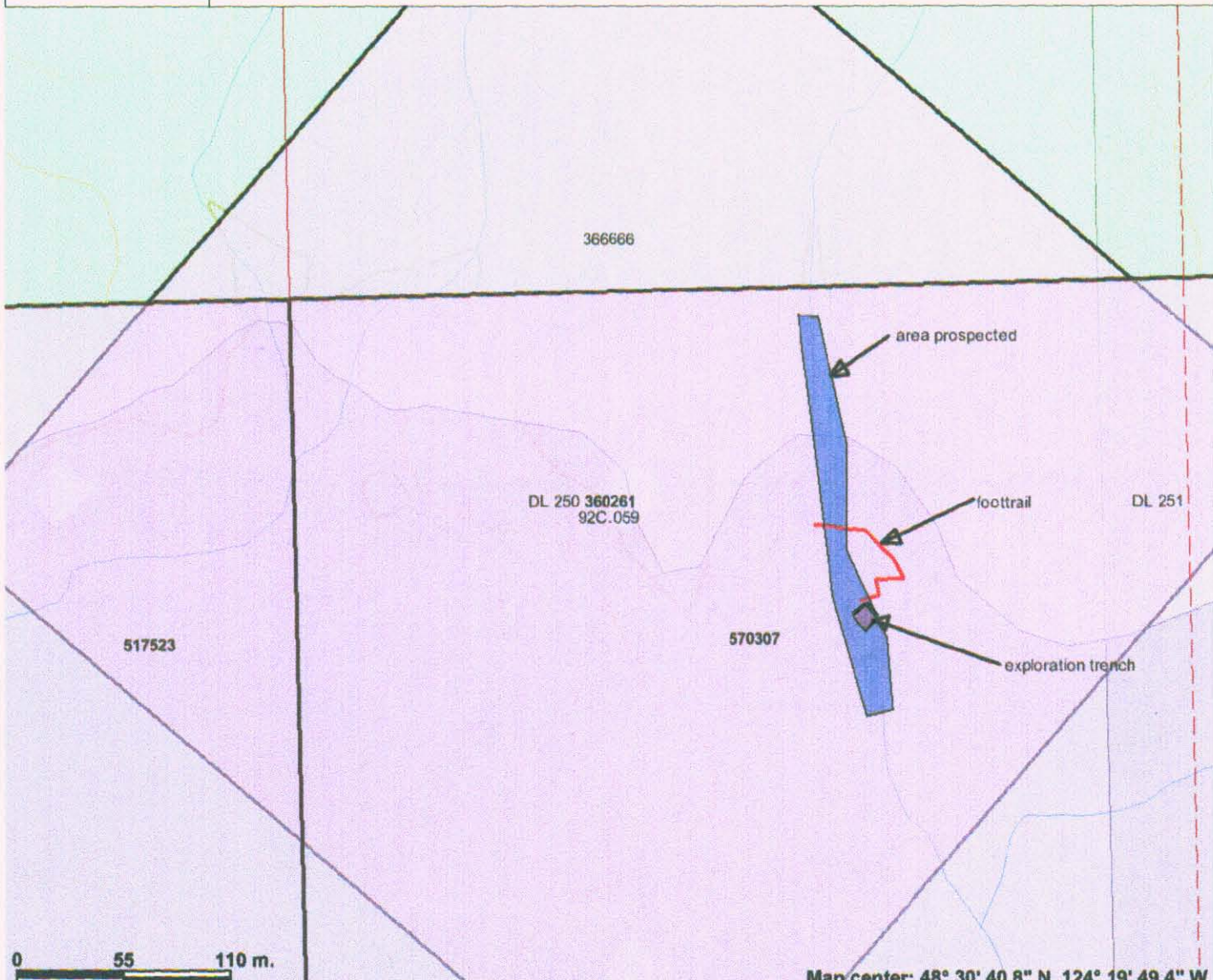


# Map of Area Prospected



## Legend

- Indian Reserves
- National Parks
- Parks
- MTO Grid (MTO)
- Mineral Tenure (current)
- Mineral Claim
- Mineral Lease
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Integrated Cadastral Fabric
- Survey Parcels
- BCGS Grid
- Contours (TRIM)
- Contour - Index
- Contour - Index.Indefinite
- Contour - Index.Depression
- Contour - Index.Depression Indefinite
- Contour - Intermediate
- Contour - Intermediate.Indefinite
- Contour - Intermediate.Depression
- Contour - Intermediate.Depression Indefinite
- Area of Exclusion
- Area of Indefinite Contours
- Annotation (1:20K)
- Transportation - Points (TRIM)



Map center: 48° 30' 40.8" N, 124° 19' 49.4" W



Scale: 1:3,130

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

GEOCHEMICAL ANALYSIS CERTIFICATE



Arbic, Dean Michael PROJECT MINERAL EXPLORATION File # A607623

P.O. Box 415 Lake Cowicha, B.C. V0R 2G0 Submitted by: Dean Michael Arbic

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
G-1	<1	3	<3	45	<.3	4	3	541	1.80	<2	<8	<2	4	106	<.5	<3	<3	40	.65	.067	10	14	.55	231	.14	<3	1.31	.21	.61	<2
Chanterelle2A	1	26	8	70	<.3	14	11	309	3.14	<2	<8	<2	4	22	<.5	<3	<3	117	.26	.066	6	37	1.19	328	.16	<3	1.78	.12	.90	2
Socrates	1	28	3	77	.5	35	10	1407	4.10	4	<8	<2	<2	12	<.5	<3	<3	104	2.06	.057	5	33	1.30	34	.35	14	2.37	.09	.04	<2
Jupiter	9	>10000	5	126	25.9	71	41	1743	31.29	118	<8	<2	2	1	1.2	<3	88	15	7.99	.011	6	8	.03	10	<.01	<3	.18	<.01	.01	36
Iron Horse	19	2452	39	28	1.9	27	13	192	16.54	14	<8	<2	<2	13	<.5	5	<3	14	.26	.017	5	6	.17	9	<.01	<3	.55	.01	.25	<2
STANDARD DS7	20	101	66	407	.8	50	8	606	2.30	47	<8	<2	4	70	6.4	6	4	83	.90	.077	12	172	1.00	374	.12	37	.93	.08	.45	5

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.

(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: ROCK R150

Data *Y* FA \_\_\_\_\_

DATE RECEIVED: OCT 13 2006 DATE REPORT MAILED: .....





GEOCHEM PRECIOUS METALS ANALYSIS



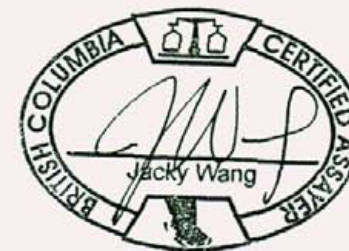
Arbic, Dean Michael PROJECT MINERAL EXPLORATION File # A607623  
P.O. Box 415 Lake Cowicha, B.C. V0R 2G0 Submitted by: Dean Michael Arbic

SAMPLE#	Au** ppb	Pt** ppb	Pd** ppb
G-1	<2	<3	3
Chanterelle2A	<2	3	8
<del>Socrates</del>	<2	4	<2
<del>Jupiter</del>	207	<3	3
<del>Iron Horse</del>	28	<3	3
STANDARD FA-10R	489	473	471

GROUP 3B - FIRE GEOCHEM AU, PT, PD - 30 GM SAMPLE FUSION, DORE DISSOLVED IN AQUA - REGIA, ICP ANALYSIS. UPPER LIMITS = 10 PPM.  
GROUP 6 AU RECOMMENDED IF >10PPM FOR 30 GM, >5PPM FOR 50 GM.  
- SAMPLE TYPE: ROCK R150

Data *JA* FA \_\_\_\_\_

DATE RECEIVED: OCT 13 2006 DATE REPORT MAILED: .....



Statement of Work and Cost

Report Date: Feb 08, 2008

FMC# 133434

Event # ID 4175280

Work Permit # 1610290

Mineral Tenure # 360261

Claim Name: Chanterelle

Work Type: Technical Work/ Prospecting/ Geochemical Analysis

Date Work Began: Oct 04, 2006

Date Work Completed: Nov. 14 2006

Work Description: Prepare mineral sample by crushing Basalt type bedrock containing small metallic spots with hammer and anvil and package sample for shipment to Acme Analytical Laboratories in Vancouver for Geochemical Analysis.

October 4, 2006- Prepare 200 grams of bedrock sample- 3 hours.

October 11, 2006 – Ship sample to Acme Analytical Laboratories in Vancouver

November 14, 2006- Analysis work completed, receive results in mail from Acme.

Labour 3 hours @ \$30.00 per hour equals.....\$90.00

Analysis costs for 1 sample Geo4 and R150 plus shipping and surcharge...\$36.26

Total Costs.....\$126.26

I declare this to be true and correct. Reem M. Ali Date FEB. 08 2008

**ACME ANALYTICAL LABORATORIES LTD.**

852 East Hastings., Vancouver, B.C., CANADA V6A 1R6

Phone: (604) 253-3158 Fax: (604) 253-1716

Our GST # 100035377 RT

**ARBIC, DEAN MICHAEL**P.O. Box 415  
Lake Cowichan, BC  
V0R 2G0

Inv.#: A607623

Date: Nov 14 2006

QTY	ASSAY	PRICE	AMOUNT
4	GEO4 @	19.95	79.80
4	R150 - ROCK @	5.65	22.60
	SURCHARGE FOR UNDER 20 SAMPLES PER BATCH		102.40
			25.00
		GST Taxable	127.40
		6.00% GST	7.64
		CAD \$	135.04

Project: MINERAL EXPLORATION  
Samples submitted by Dean Michael Arbic

COPIES 1

Please pay last amount shown. Return one copy of this invoice with payment.

TERMS: Net two weeks. 1.5 % per month charged on overdue accounts.

[ COPY 2 ]

## Conclusion, Interpretation and Qualifications

After reviewing the analysis data I noted that the sample did yield evidence of precious and base metals. There was no indication of gold or silver. But other unexpected metals were found to be present.

The most interesting readings that may indicate a potential value to this bedrock are the 3.14% iron, 117 grams per ton vanadium, 328 grams per ton barium, and a trace of palladium is indicated by a result of 8 parts per billion. A reading of 3 parts per billion indicates a very minute trace of platinum. Based on these results I will continue to explore and test bedrock samples from this claim in the hopes of obtaining higher readings for these metals.

Many other base metals are present but in very small amounts. For example, 26 grams per ton copper, 8 grams per ton lead, 70 grams per ton zinc, 14 grams per ton nickel, 11 grams per ton cobalt, 309 grams per ton manganese, 22 grams per ton strontium, 37 grams per ton chromium, 1.19% magnesium, 0.16% titanium, 1.78% aluminum. None of these other base metal amounts indicate any significant potential economic value.

## Qualifications

Dean Michael Arbic; Grade 12 diploma Erindale Secondary School, Ontario

This report was prepared on Microsoft's MS Word program.

The maps were prepared on Mineral Titles Online mapping program.

The diagrams were drawn on Internet Explorers Paint program.