

**BC Geological Survey
Assessment Report
34992**

Physical Prospecting Report On The:

Zeballos Vancouver Island Mineral Property

EVENT #5504871

May 03-09 2014

Alberni Mining Division
Vancouver Island, British Columbia
BCGS Map 092L007

UTM 09U 656855E, 55457569N
LAT 50.043529 LON -126.809270

Owners:

John Bakus
#3 – 1572 Lorne Street East
Kamloops, B.C.
V2C-1X6
FMC: 223385

Roman Anthony
3926 Woodhus Road
Campbell River, British Columbia
V9H-1B3
FMC: 225341

Operators:

Christopher Zimmer
1411 White Street
Nanaimo, British Columbia
V9S-1J1
FMC: 218232

Roman Anthony
3926 Woodhus Road
Campbell River, British Columbia
V9H-1B3
FMC: 225341

Report Prepared By:

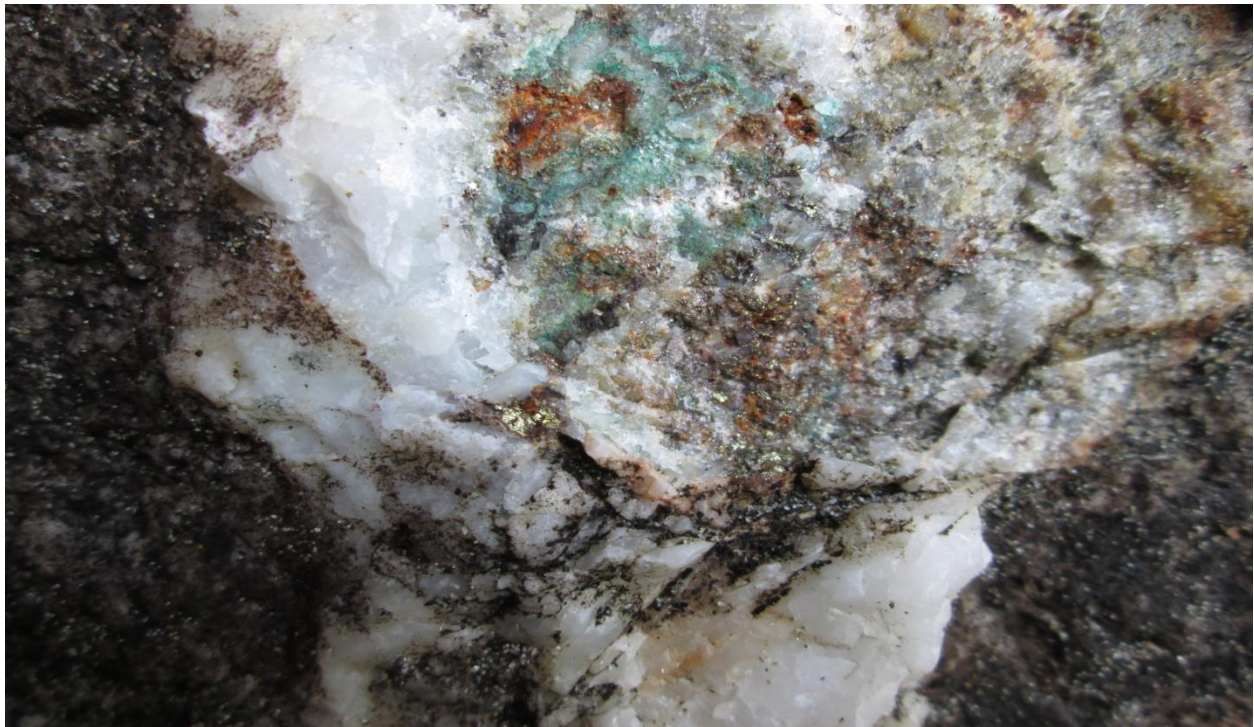
John Bakus
#3 – 1572 Lorne Street East
Kamloops, B.C.
V2C-1X6
FMC: 223385

(Multiple photos taken of all Zeballos samples and locations for 2014)

ZEB-04-14



Vein Quartz Vugs and pyrite





ZEB-17-14

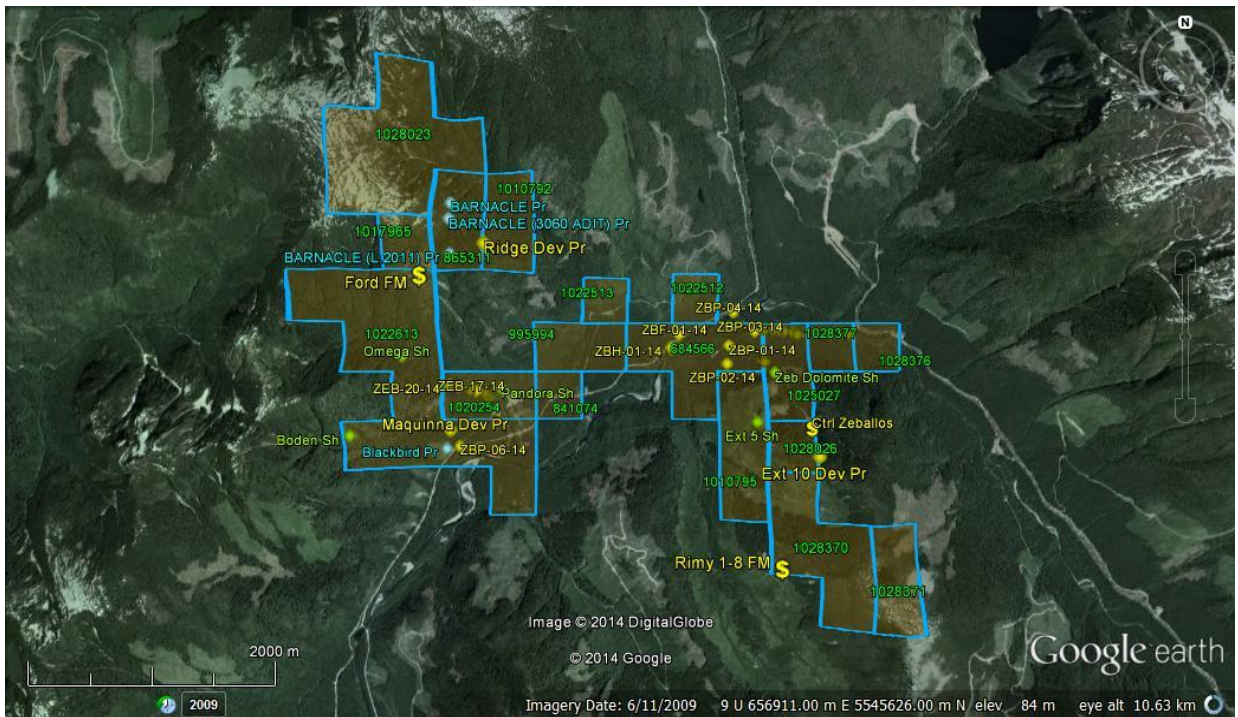


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Zeballos Property Outline Map Scale 5 KM



Zeballos Property Outline Map Scale 2 KM



2014 Zeballos Tenure List 18 Tenures

Tenure Numbers	1028026
Area in Ha	20.76
Tenure Numbers	1010792
Area in Ha	41.49
Tenure Numbers	865311
Area in Ha	41.49
Tenure Numbers	1010795
Area in Ha	62.26
Tenure Numbers	1028370
Area in Ha	83.03
Tenure Numbers	1028371
Area in Ha	41.52
Tenure Numbers	1025027
Area in Ha	41.50
Tenure Numbers	1028023
Area in Ha	124.46
Tenure Numbers	1020254
Area in Ha	41.51
Tenure Numbers	841074
Area in Ha	20.75
Tenure Numbers	995994
Area in Ha	41.50
Tenure Numbers	1022613
Area in Ha	228.28
Tenure Numbers	684566
Area in Ha	83.01
Tenure Numbers	1017965
Area in Ha	20.75
Tenure Numbers	1022513
Area in Ha	20.75
Tenure Numbers	1022512
Area in Ha	20.75
Tenure Numbers	1028377
Area in Ha	20.75
Tenure Numbers	1028376
Area in Ha	20.75

Zeballos Location Access History Mineralization and Geology

Zeballos was first populated in the early 1930s when gold was discovered in the surrounding hills. Housed under canvas, the early prospectors battled rain, cold and mud.

In the beginning, the miners carried the sacks of ore out on their backs down the narrow slippery trails, through the mud and windfalls to the Zeballos River. From there the ore was transported downstream in a flat bottom boat to the mouth of the river where it was again backpacked over land to the beach.

It was the richest ore ever to be received by the Tacoma Smelters. The outside world soon took notice of the Zeballos "wonder mine," the Privateer, which produced 30 to 40 ounces of gold to the ton of ore

The ensuing gold rush built an "instant" town by 1938 that, some say, reached a population of more than 1500 people. There were three hotels, a laundry, a bakery, two taxi companies and a weekly newspaper. Plans were soon underway for a hospital and a school.

When the war came in 1939, many of the miners left to fight in the armed forces and the mines began to close. By 1942 they were all shut down.

When the war ended in 1945 the fixed price of gold, at that time \$35.00 an ounce, wasn't enough to keep the mines in operation. By the time the price of gold climbed on the open market 20 years later, it was too late for Zeballos.

Logging came to the valley in the early 1950s and an iron mine was opened in 1962, but it was logging which offered the most jobs and hope for the future. The iron mine closed in 1969. Several attempts were made to make the larger of the gold mines profitable, one in the 1970s and another in the mid-80s, but they were unsuccessful.

Reno Mill



Gold bricks ready to be shipped from Zeballos



<http://www.zeballos.com/history.html>

Location and Access:

The Zeballos Zimmer Bakus property consists of 18 adjoining Mineral tenures.

The Zeballos property is located in the Alberni mining division in North Central Vancouver Island British Columbia

Zeballos is a deep-sea Pacific ocean port surrounded by rugged mountains and forests, located on the Zeballos River delta, at the end of Zeballos Inlet on Vancouver Island British Columbia Canada.. It is accessible from Highway 19, about a two and half hour drive north of Campbell River. The road to Zeballos turns west off Highway 19 just north of Woss. The 40 km gravel logging road is well-maintained and continues beyond Zeballos to Fair Harbour

The property is located 3.5 kilometers north of Zeballos on a gravel logging road that leads north to Woss British Columbia.

Geology History and Mineralization:

The Zeballos property has 15 underlying Minfile occurrences including Former Mines Developed Prospects, Prospects and Showings

Underlying Minfile Occurrences

3 Mines: Central Zeballos, Rimy, Ford

3 Developed Prospects: Maquinna, Extension 10 and Ridge

4 Prospects: Barnacle, Barnacle 360 Adit, Barnacle Lot 2011 and Blackbird

5 Showings: Extension 5, Zeballos Dolomite, Climax, Omega, Boden

Refer to Zeballos Bakus Mineralization (page 10-13) Minfile and Inventory reports details (pages 31-55)

Central Zeballos Gold, Silver, Lead, Copper, Zinc

Mine lies in the Zeballos gold camp which is underlain by the Lower Jurassic Bonanza Group. The Bonanza Group consists of a sequence of basaltic to rhyolitic volcanic rocks. Conformably underlying the Bonanza Group are limestones and limy clastics of the Quatsino and Parson Bay formations, and Karmutsen Formation tholeiitic basalts, all belonging to the Upper Triassic Vancouver Group. Dioritic to granodioritic plutons of the Zeballos intrusion phase of the Early-Middle Jurassic Island Plutonic Suite have intruded all older rocks. The Eocene Zeballos stock, a quartz diorite phase of the Tertiary Catface Intrusions, is spatially related to the areas gold-quartz veins. Bedded rocks are predominantly northwest striking, southwest dipping, and anticlinally folded about a northwest axis.

Intermittent mining between 1938 and 1947 developed 10 levels, sublevels and related raises, winzes and crosscuts, and produced 37,789 tonnes of milling ore averaging 16.85 grams per tonne gold, 11.44 grams per tonne silver, 0.02 per cent copper and 0.19 per cent lead.

Possible reserves are 43,631 tonnes grading 12 grams per tonne gold and are estimates based on results from old mine data as supported by recent underground sampling and diamond drilling. The estimated grade given is based on historical data and not from current point sampling. Probable reserves are 8163 tonnes grading 12 grams per tonne gold and are estimates where indicated by compiling results of recent underground sampling with old mine data (Statement of Material Facts, Consolidated Impact Resources Inc., Report by J.C. Freeze, June 1989).

Rimy Gold, Silver, Lead, Zinc

Mine lies in the Zeballos gold camp, an area underlain by Lower Jurassic Bonanza Group basaltic to rhyolitic volcanic rocks. Conformably underlying the Bonanza rocks are limestones and limy clastics of the Upper Triassic Vancouver Group, Quatsino Formation. Dioritic to granodioritic Jurassic plutons of the Zeballos intrusion phase of the Island Intrusions have intruded all older rocks. The Eocene Zeballos stock, a quartz diorite phase of the Catface Intrusions, is spatially related to the areas gold- quartz veins.

The three Rimy veins, two of which were explored by adits while the third received little work, lie wholly in Eocene quartz diorite that is intruded by a few northeast trending feldspar porphyry and andesite dykes. The Main Vein, developed by 3 and 4 adits and surface cuts for over 115 metres, strikes 096 degrees and dips 80 degrees south, is 2.5 to 7.5 centimetres wide and follows a shear zone up to 25 centimetres wide. The strongly oxidized vein consists of quartz with streaks of pyrite and arsenopyrite, and lesser sphalerite and galena. Sampling over 53 metres of the adit assayed 80.24 grams per tonne gold over an average width of 13 centimetres (Property File - 1:240 Tunnel Plan and Assays). The vein usually lies near the shear footwall. On the hangingwall, brecciated rock is accompanied by black (graphitic?) gouge. Several northeast striking comb-quartz sulphide veins diverge from the Main vein, suggesting westward movement of the north block.

The second vein, 98 metres southwest of the Main vein at an elevation of 652 metres, was explored by the #2 adit. The vein strikes east and is 1.0 to 5.0 centimetres wide, accompanied by 5 centimetres of gouge and breccia. The third vein, as indicated on Figure 2, Bulletin 27, lies 280 metres south of the Main Vein. It strikes east-northeast. Prior to 1938, 17.2 tonnes of development ore had been shipped and yielded 1369 grams gold and 1586 grams silver (Bulletin 27, page 101).

Barnacle Gold, Copper

The Number 1 adit on Lot 2008 (Extension 1) consists of a lenticular quartz-vein that occupies a 1.2 metre wide north striking, 65 degree west dipping shear zone. The vein is up to 15 centimetres wide and has been traced on surface for 60 metres. The adit extends for 13 metres along its strike. The Number 2 or Main adit on Lot 2010 (Extension 3) traces a 5.0 to 10 centimetre wide quartz-vein in a 60 centimetre shear zone lying in andesite that contains patches of diorite and brown garnet. The quartz is vuggy and contains earthy limonite, chalcopyrite, pyrrhotite and visible gold. The vein dips vertically and strikes north. The Number 3 adit, also on Lot 2010, follows a 2.5 to 20 centimetre wide lenticular quartz vein that measures about 30 centimetres in width. The vein material is strongly oxidized, strikes north and dips 85 degrees west. The host rock is andesite with garnet patches. A high grade shipment of 1.4 tonnes of ore averaging 107.3 grams per ton is reported to have been back-packed down the mountain).

Barnacle (3060 Adit) Gold

The occurrence, 150 metres south-southwest of the Barnacle Extension 1-3 showing (092L 029), consists of a shear zone set with three gouge zones. These are 2.5 to 15 centimetres wide and contain 2.5 to 7.5 centimetre wide vuggy quartz veins that carry coarse gold. The shear zone follows the wall of a 1 metre wide diabase dyke in fine-grained Bonanza Group andesite. The vein strikes 022 degrees and has been explored by an open cut and adit for 10 metres.

Barnacle (Lot 2011) Gold

At the portal, located 488 metres south of Barnacle (092L 029), the vein is 40 centimetres wide, but it pinches to less than 5 centimetres in the adit. The vein contains specks of visible gold. Exact sulphide mineralogy is not reported.

Barnacle (Lot 2011) Gold

At the portal, located 488 metres south of Barnacle (092L 029), the vein is 40 centimetres wide, but it pinches to less than 5 centimetres in the adit. The vein contains specks of visible gold. Exact sulphide mineralogy is not reported.

Maquinna Gold, Lead, Zinc

Vein strikes 076 degrees, dips near vertically and has been traced over 670 metres in andesite of the Lower Jurassic Bonanza Group . The vein, 2.5 to 76 centimetres wide, follows a shear zone that contains crushed quartz and gouge, with variable amounts of pyrite, pyrrhotite, arsenopyrite and sphalerite, chalcopyrite and galena. Locally, the vein is ribboned and ranges up to 100 centimetres in width. Values to 21.3 grams per tonne gold have been obtained (Clothier, G.A., 1939, page 4) but assays along the vein are generally less than 7.0 grams per tonne gold (Bulletin 27, page 122).

Blackbird Magnetite, Iron, Copper

The occurrence, which has been explored over about 25 metres, by several open cuts and a short adit comprises a 10 metre wide band of interbedded dacite, limestone and garnetite which contains scattered clusters of magnetite and chalcopyrite with minor pyrite and pyrrhotite. This band lies between crystalline limestone to the south and green hornfelsed and skarn altered tuff to the north. Epidote, wollastonite, diopside and actinolite are also present. The National Mineral Inventory (092L2 Au31) combines the occurrence with the Maquinna gold vein occurrence (092L 023), located 250 metres north.

Extension 10 Copper, Gold, Silver, Magnetite

Bancroft (Geological Survey of Canada Paper 40-12, page 30) reports assays across a 1.5 metre width of 7.25 per cent copper and 1.7 grams per tonne gold. Samples CZ 102-83 and CZ 103-83 in Assessment Report 12077 (page 10) averaged 1.3 grams per tonne gold, 268.2 grams per tonne silver and 11.27 per cent copper. Diamond drilling by an earlier operation extended the mineralized skarn to a depth of 87 metres, where a 2.0 metre section assayed 3.5 grams per tonne gold, 102.9 grams per tonne silver and 3.1 per cent copper (Assessment Report 12077).

Ridge Iron, Magnetite

The magnetite body measures 91 by 15 metres. Drilling has indicated limited depth extension. Minister of Mines Annual Report 1962, page 103, estimates 45,359 tonnes are present. Assays of 4 samples of magnetite gave 67.72 to 68.84 per cent iron, 0.002 to 0.004 per cent titanium oxide, 0.003 to 0.02 per cent sulphur, 0.006 to 0.014 per cent phosphorus, 2.12 to 3.08 per cent silica **and 0.039 to 0.052 per cent manganese (Bulletin 27, page 128).**

Extension 5 Copper, Gold, Silver, Magnetite

The limestone lies at the northern contact with the Eocene Zeballos pluton (Catface Intrusions) granodiorite, and skarn-altered rocks hosting massive diopside replacement. The skarn attains a maximum width of 6.0 metres and is traceable along its northwest strike length for 300 metres. Mineralization consists of massive chalcopyrite with some bornite in lenses within the skarn. Bancroft (Geological Survey of Canada Paper 40-12, page 30) reports assays across a 1.5 metre width of 7.25 per cent copper and 1.7 grams per tonne gold. The high grade sample CZ 105-83 (page 10 and Figure 4, Assessment Report 12077) assayed 6.18 per cent copper, 0.58 grams per tonne gold and 44.58 grams per tonne silver. Magnetite was reported more distant from the intrusive contact.

Zeballos Dolomite Dolomite, Limestone, Marble, Building Stone

Dolomite reserves are estimated at several million tonnes (R.F. Kent, 1989). Zones of garnet-diopside skarn sometimes containing magnetite and sulphides are frequently formed along the intrusive contacts.

Omega Gold, Lead, Zinc, Copper

The Omega occurrence comprises a 052 degree striking, 80 degree south dipping shear-vein at the Jurassic diorite-Bonanza andesite contact. The shear zone is 10 to 30 centimetres wide and contains crushed rock, gouge and occasional lenses of quartz and calcite which range up to 0.3 by 1 metre in size. The quartz lenses carry small amounts of pyrite, fine-grained arsenopyrite, chalcopyrite, galena and sphalerite. Gold values are reported to occur in small pyrrhotite- chalcopyrite lenses in limestone.

Boden Gold, Zinc

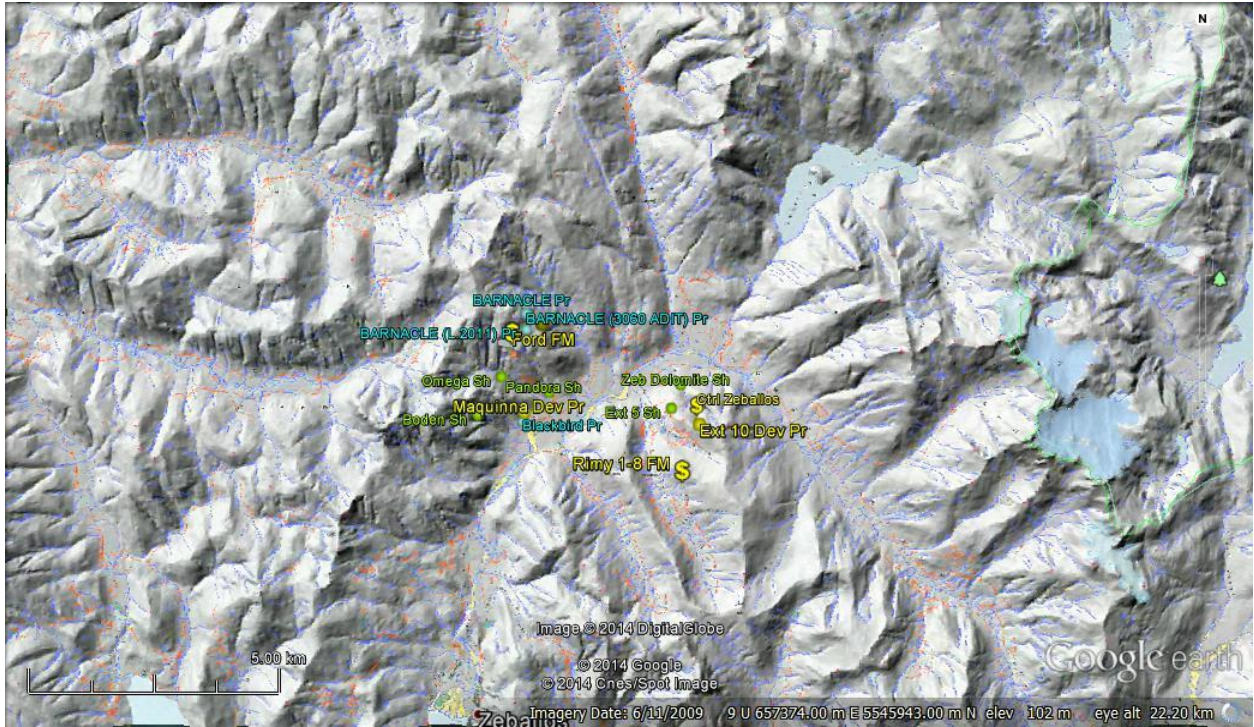
The Number One showing, at elevation 335 metres, consists of a 15 to 60 centimetre wide west striking, near vertical shear zone comprised of crushed rock, gouge and coarse calcite lenses. Disseminated fine-grained pyrite, arsenopyrite and sphalerite are present. A sample assayed 3.4 grams per tonne gold (Bulletin 27, page 120). The shear zone here lies in Bonanza Group greenstone, 6 metres from a Jurassic(?) granodiorite contact. At an elevation of 457 metres and traceable to 579 metres, the same shear zone lies in a contact phase of greenstone. Locally, pyrrhotite patches are present in siliceous layers up to 15 centimetres in width. The Number Two showing lies to the northwest at an elevation of 640 metres, over a 700 metre divide. The zone is in silicified and carbonate altered greenstone near an 080 degree striking 2.5 metre diabase dyke. It consists of a 1.2 metre wide west striking shear that has been traced over 46 metres. The shear contains lenses of white calcite and 1 to 5 centimetre wide quartz ribs, with traces of pyrite and sphalerite. Assays returned only traces of gold (Bull 27, page 120).

Recent reports within the Zeballos Camp include:

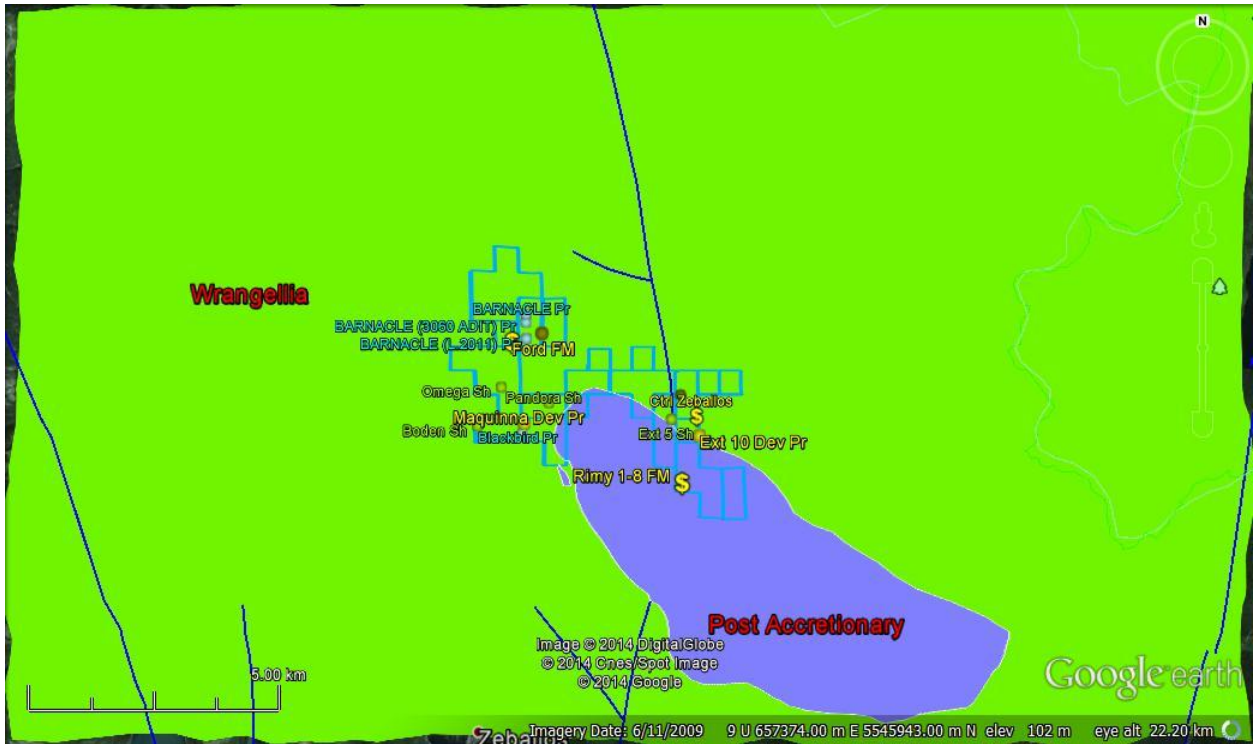
A-25 Gold Producers:	National Instrument		43-101	2012-02-21
Qualitas Holdings:	Geochemical Report	\$115,544.54	Assessment Report: 32787	2011-08-06
A-25 Gold Producers:	Geochemical Report	\$49,513	Assessment Report: 32531	2011-11-07
North Bay Resources:	Technical Report	\$9713.11	Assessment Report: 32298	2011-06-24
North Bay Resources:	National Instrument		43-101	2011-05-25
Selkirk Minerals:	Geological Report	\$9,800.67	Assessment Report: 31911	2010-08-31
A-25 Global Silver:	Prospecting Report	\$3721.12	Assessment Report: 31273	2009-11-25

Other related Zeballos Aris reports and references are listed in the bibliography of Minfile occurrences (Schedule A)

Zeballos Raster Base Map Scale 5 KM



Zeballos Terrains and BCGS Faults Scale 5 KM

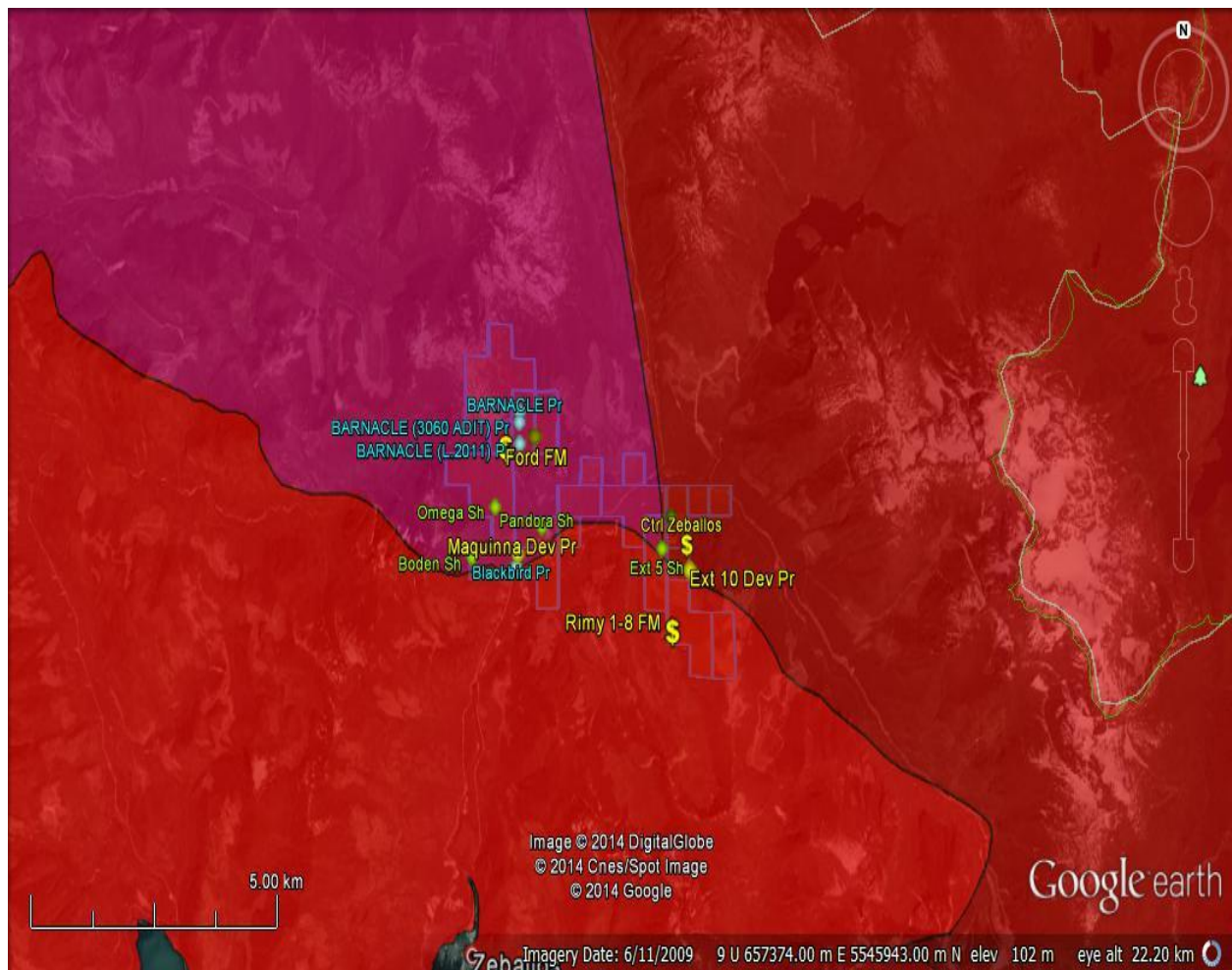


Zeballos Metallic Mineral Potential Scale 5 KM

Bakus Minfile Occurrences Shown

Metallic Mineral Potential (Rank)

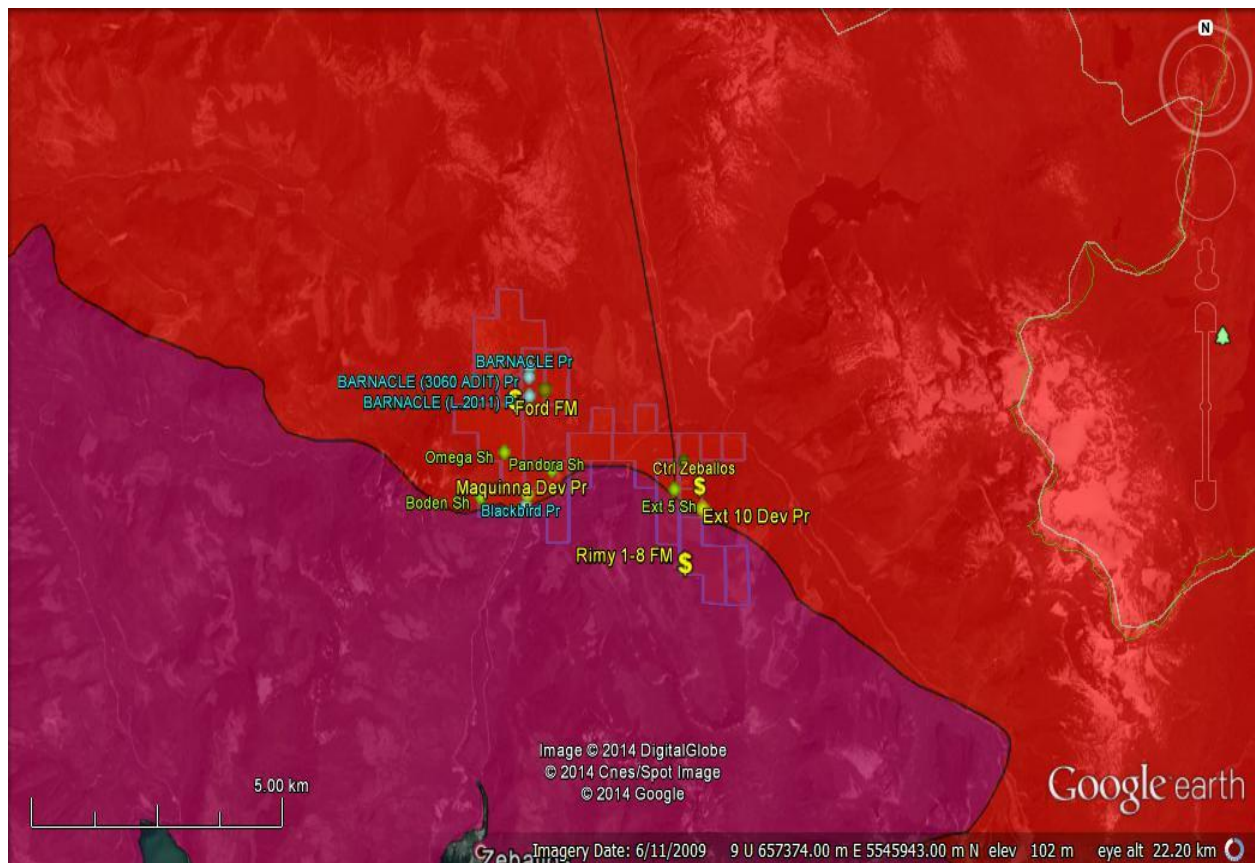
- 000 - 128 Lowest
- 129 - 137
- 138 - 169
- 170 - 229
- 230 - 291
- 292 - 366
- 367 - 446
- 447 - 556
- 557 - 715
- 716 - 794 Highest



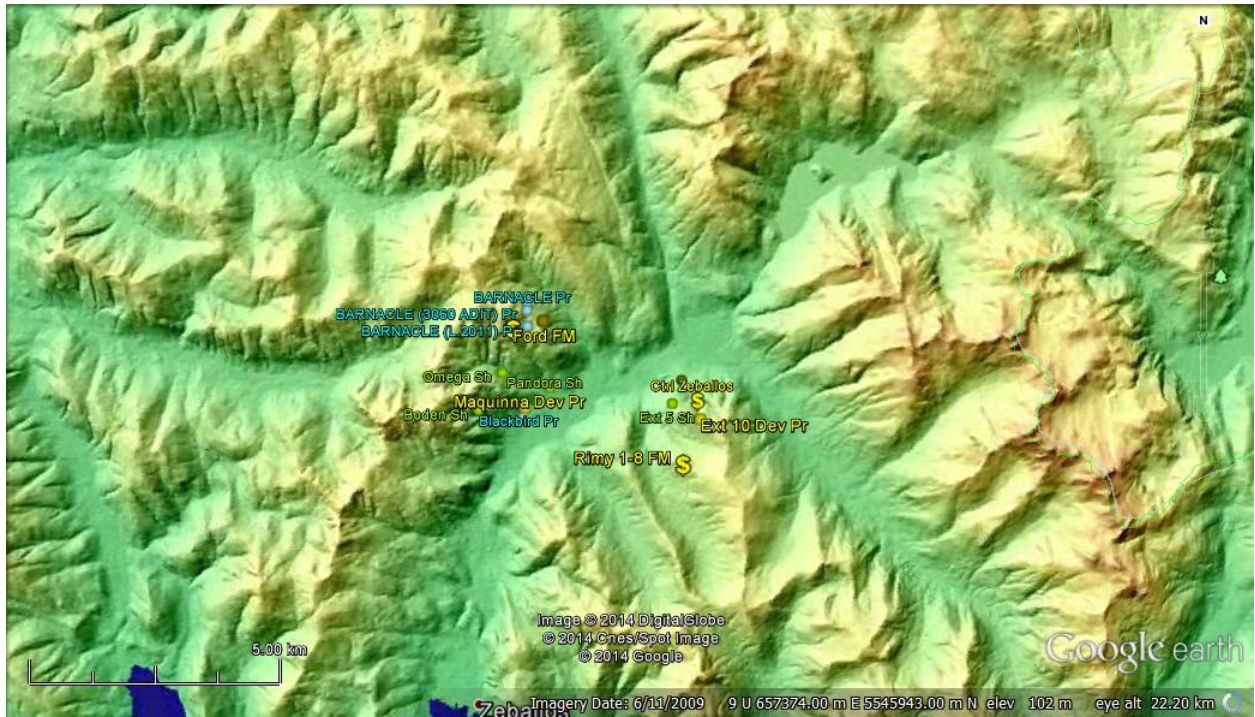
Zeballos Industrial Mineral Potential Scale 5 KM

Bakus Minfile Occurrences Shown

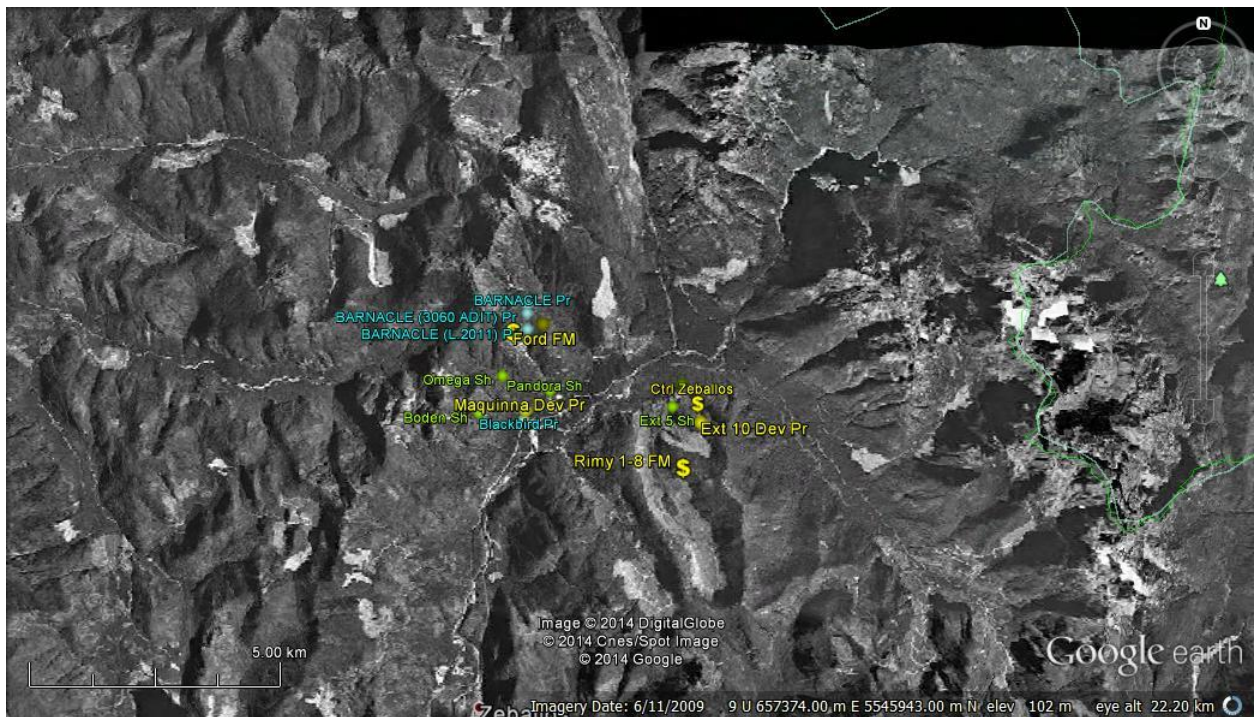
Industrial Mineral Potential (Rank)



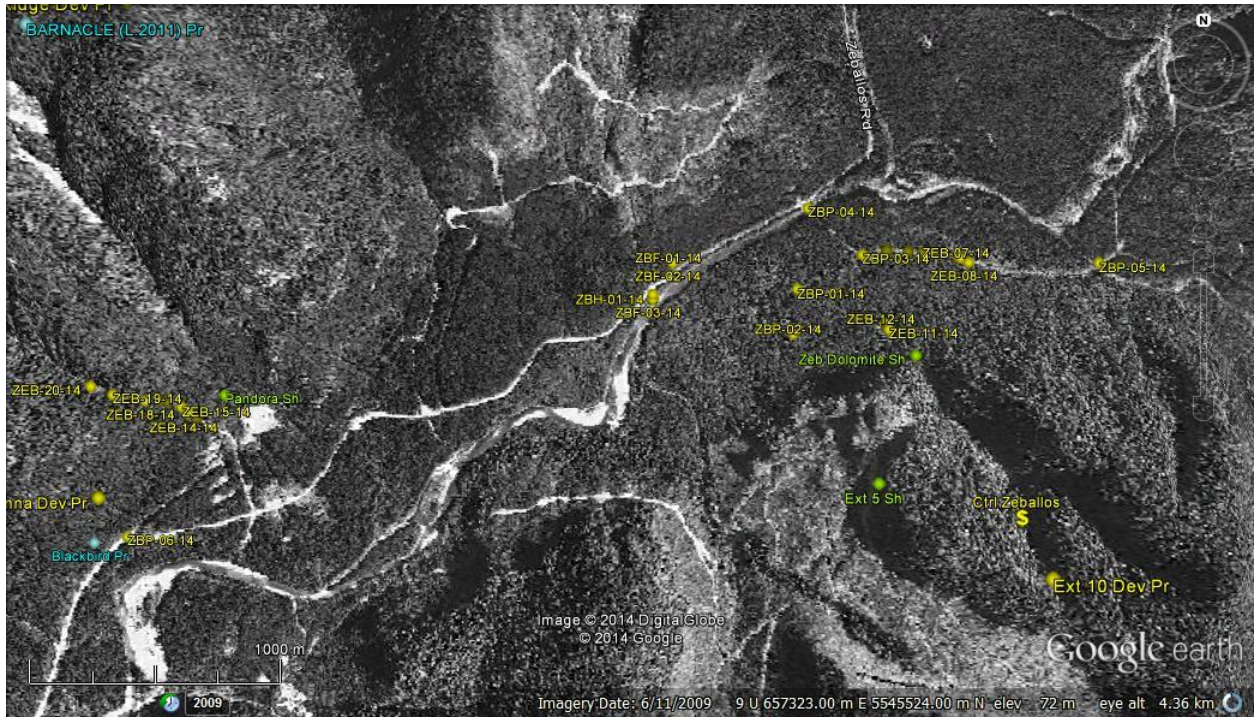
Zeballos Hillside Relief Map Scale 5 KM



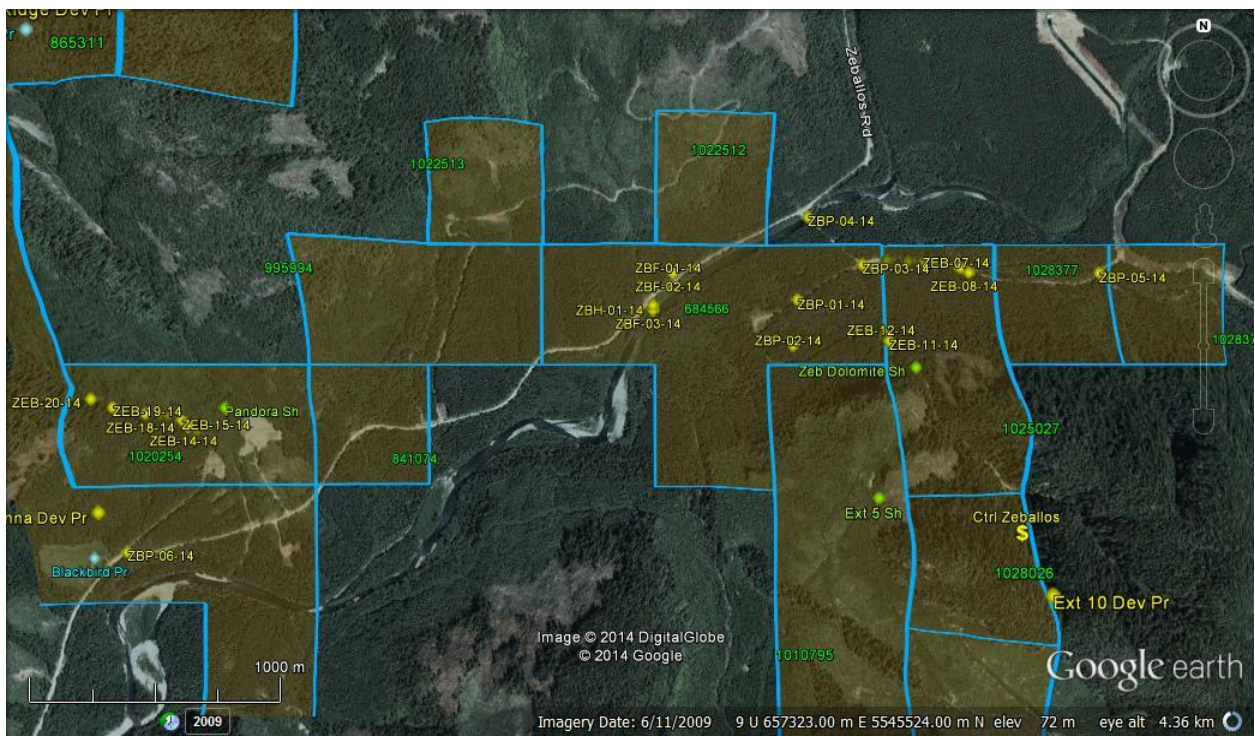
Zeballos Aerial Photography Map Scale 5 KM



Zeballos Aerial Map with Work Sites Scale 1 KM



Zeballos Work Sites Scale 1 KM



Zeballos 2014 Field Investigation Work Program

The purpose of the 2014 Zeballos exploration program was to validate and define the mineralization occurrences within the property. Additional work was done to define accessibility of and to the property. Prior to the field work, an investigation of information in the public domain relating to previous work and mineral occurrences was carried out and a prospecting plan was developed.

Assessment and Minfile Review

A preliminary interpretation of the available information was completed by reviewing the BC Department of Energy Mines and Petroleum Resources web site of known showings (Minfile) and files of assessment work.

Zeballos Field Investigation

The 2014 Zeballos field investigation constitutes a preliminary survey of the Zeballos property and area and involved sampling and assessment of workings and deposits referenced in minfile accounts relating to the property and additionally to evaluating the accessibility to the property by roads and trails.

Christopher Zimmer of Nanaimo B.C. with six years prospecting experience was assisted by Jeff Davis of Tofino, British Columbia with two years prospecting experience in the field investigation of the Zeballos property from May 04 to May 05 2014. Roman Anthony of Campbell River, British Columbia with fifteen years prospecting experience was assisted by Doug Lloyd of Port McNeil, British Columbia two years prospecting experience in the field investigation of the Zeballos property on May 20 2014.

The Zimmer lead physical work program took place with prepping on the 3rd of May and the arrival of the Zimmer Davis group from Nanaimo British Columbia to the Zeballos property on May 04, 2014 up and until May 05, 2014. Demobilization and sorting of samples and data took place on May 06, 2014. The Zimmer group set up camp at the old Privateer mine site a total of 20 samples were taken. 12 samples were taken on May 4 and prospecting was carried out in the general area of the samples taken. One small quartz vein showing signs of oxidation and visible sulfides was sampled (ZEB-17-14).

The Anthony lead physical work program took place with prepping on the 19th of May and the arrival of the Anthony Lloyd group from Campbell River British Columbia to the Zeballos property on May 20, 2014. Demobilization and sorting of samples and data took place on May 21, 2014. The Anthony group acquired a total of 20 samples were taken.

Additional technical, mapping and report preparation was performed by John Bakus from May 1st, 2014 through to November 1st, 2014..

Vehicles were used to travel to the general area and then hiking on foot with equipment carried as required. Roads and trails were mapped by GPS with notes on conditions and hazards. Any other development work is noted and mapped with rock samples taken as appropriate. Notes were taken on terrain, watercourses, overburden etc with future prospecting, geological mapping, geochemical and geophysical work in mind. Orange flagging and marking of sample sites occurred and multiple photos were taken of samples and areas of interest. GPS coordinates were taken, and all samples were recorded logged and mapped. Mapping of sample locations was done by way of Google, IMAP and Exploration assistant, and all data was compiled and sorted by use of Excel. This data formed the template for this report. Sample types include in situ hard rock, float boulders, pan concentrate, points of interest (sample), and additional points of interest.

Assay results from laboratory tests may be provided upon submission of a future technical report, and geologist descriptions of Hard rock and Float boulders are pending. Sample types include in situ hard rock, float boulders, points of interest (sample), and additional points of interest.

Equipment List:

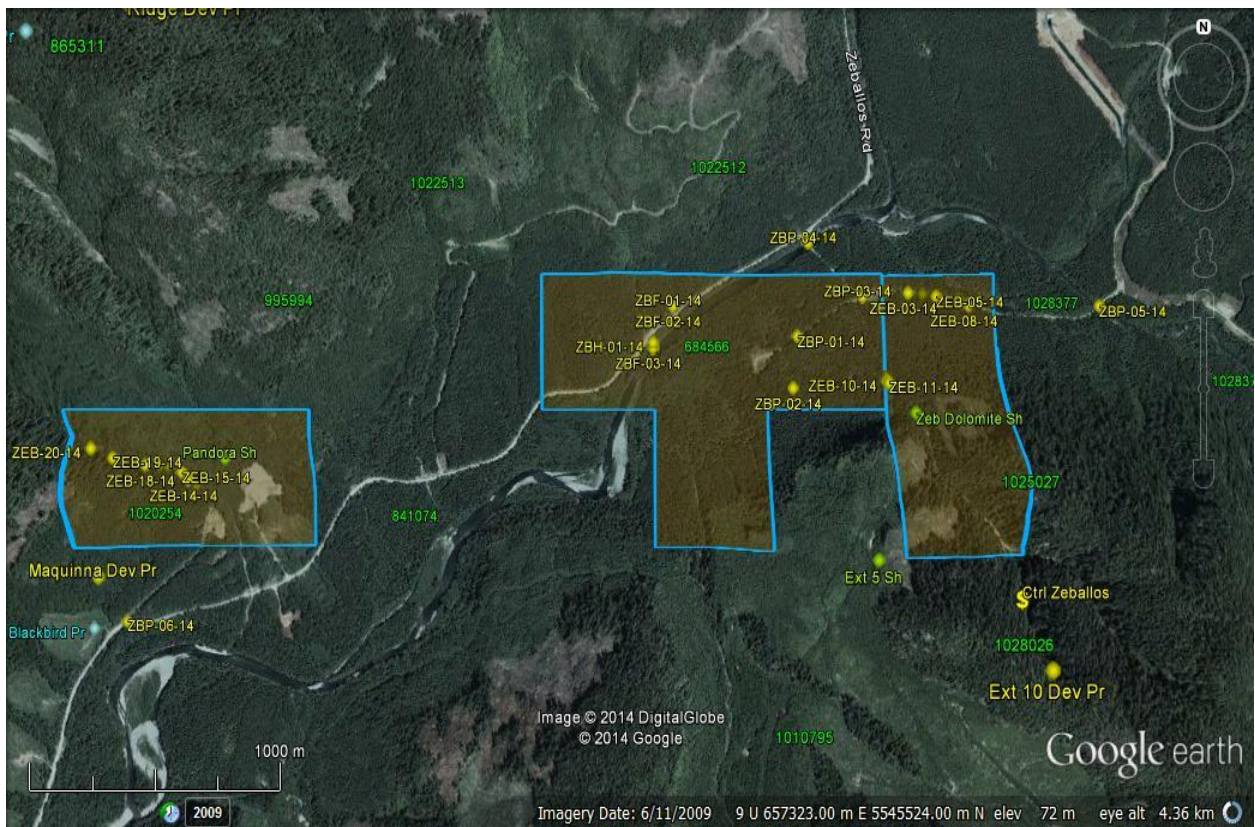
Vehicle, assorted hammers, shovels, , Garmin GPS map 62, Garmin Base-camp software, laptop, compass, clinometers, VHF radios, Spot GPS emergency locator, bear spray, air horn, bags, tags, assorted markers chainsaws

2014 Zeballos Work Sites Tenure List and Map general sample locations Scale 1 KM

Tenures 684566, 1020254 and 1025027

Tenure Numbers	684566
Claim Name/Property	ROCK4
Work Performed Index	Y
Area in Ha	83.01
Tenure Numbers	1020254
Work Performed Index	Y
Area in Ha	41.51
Tenure Numbers	1025027
Claim Name/Property	ZEBALLOS DOLOMITE
Work Performed Index	Y
Area in Ha	41.50

Scale 1 KM



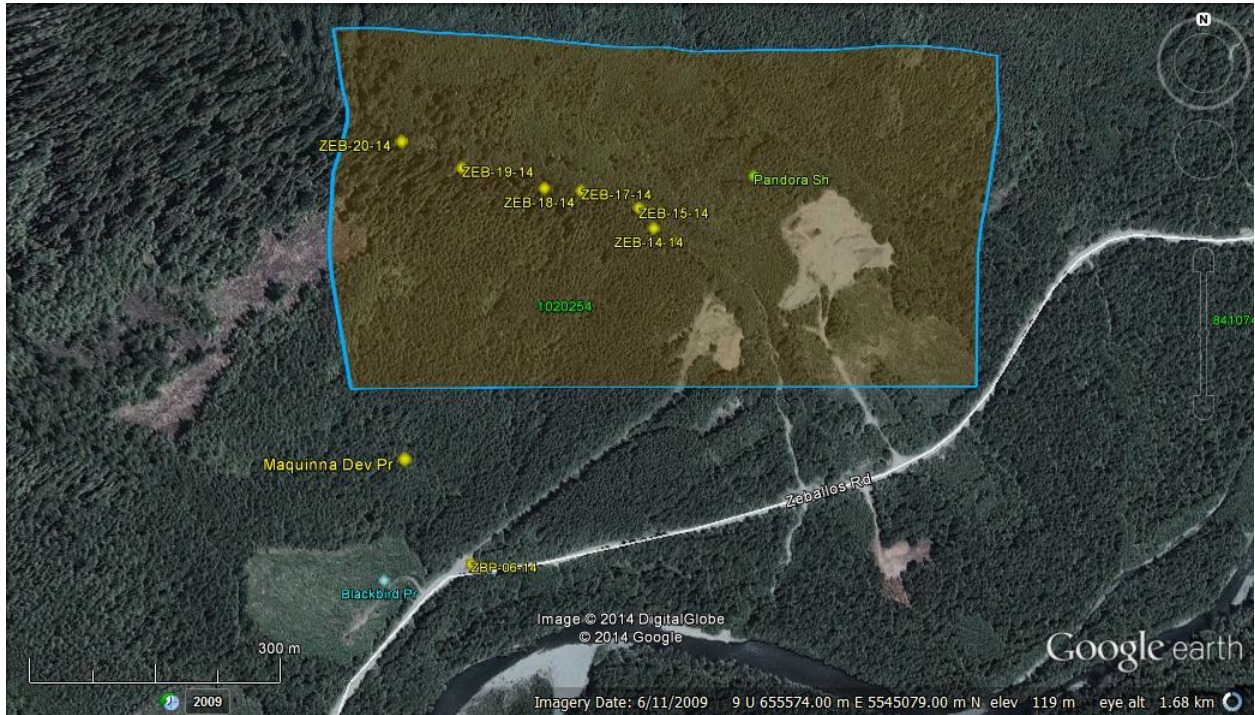
Zeballos 2014 Work Program Sample Spreadsheet

Sample	X 11U	Y 11U	Lat	Lon	Notes
ZEB-01-14	658319	5545985	50.04508	-126.78875	Oxidized Outcrop Quartz with visible sulphides
ZEB-02-14	658319	5545985	50.04508	-126.78875	Oxidized Outcrop Quartz with visible sulphides
ZEB-03-14	658403	5545984	50.04505	-126.78758	Oxidized Outcrop Quartz with visible sulphides
ZEB-04-14	658459	5545983	50.04502	-126.78679	Oxidized Outcrop Quartz with visible sulphides
ZEB-05-14	658512	5545975	50.04494	-126.78605	Oxidized Outcrop Quartz with visible sulphides
ZEB-06-14	658600	5545965	50.04482	-126.78483	Oxidized Outcrop Quartz with visible sulphides
ZEB-07-14	658612	5545966	50.04483	-126.78466	Oxidized Outcrop Quartz with visible sulphides
ZEB-08-14	658645	5545949	50.04467	-126.78421	Oxidized Outcrop Quartz with visible sulphides
ZEB-09-14	658313	5545684	50.04237	-126.78896	Oxidized Outcrop Quartz with visible sulphides
ZEB-10-14	658315	5545679	50.04233	-126.78893	Oxidized Outcrop Quartz with visible sulphides
ZEB-11-14	658324	5545674	50.04228	-126.78881	Oxidized Outcrop Quartz with visible sulphides
ZEB-12-14	658312	5545695	50.04247	-126.78897	Oxidized Outcrop Quartz with visible sulphides
ZEB-13-14	655631	5545251	50.03919	-126.82656	1"-3" Oxidized Quartz Vien with visible sulphides
ZEB-14-14	655601	5545266	50.03933	-126.82697	Oxidized Outcrop Quartz with visible sulphides
ZEB-15-14	655579	5545293	50.03958	-126.82727	Oxidized Outcrop Quartz with visible sulphides
ZEB-16-14	655527	5545311	50.03976	-126.82798	Oxidized Outcrop Quartz with visible sulphides
ZEB-17-14	655497	5545313	50.03978	-126.8284	Oxidized Outcrop Quartz with visible sulphides
ZEB-18-14	655446	5545314	50.0398	-126.82911	Oxidized Outcrop Quartz with visible sulphides
ZEB-19-14	655334	5545335	50.04002	-126.83067	Oxidized Outcrop Quartz with visible sulphides
ZEB-20-14	655254	5545365	50.04031	-126.83177	Oxidized Outcrop Quartz with visible sulphides

Sample	X		Lat	Lon	Notes
	11U	Y 11U			
ZBF-01-14	657959	5545847	50.044644	126.800514	Bibb Creek area tailing pile
ZBF-02-14	657959	5545847	50.044644	126.800514	Bibb Creek area tailing pile
ZBF-03-14	657403	5545769	50.043383	126.801617	Float also 6 pan concentrate samples (see BC-01 to BC-06-2014)
ZBH-01-14	657403	5545788	50.043551	126.801617	Hard rock chip sample
ZBC-01-14	657403	5545769	50.043383	126.801617	Pan Concentrate Sample
ZBC-02-14	657403	5545769	50.043383	126.801617	Pan Concentrate Sample
ZBC-03-14	657403	5545769	50.043383	126.801617	Pan Concentrate Sample
ZBC-04-14	657403	5545769	50.043383	126.801617	Pan Concentrate Sample
ZBC-05-14	657403	5545769	50.043383	126.801617	Pan Concentrate Sample
ZBC-06-14	657403	5545769	50.043383	126.801617	Pan Concentrate Sample
ZBP-01-14	657972	5545825	50.043733	126.793651	Point of Interest access Bibb creek
ZBP-02-14	657959	5545847	50.044644	126.800514	Bibb Creek area tailing pile
ZBP-03-14	658224	5545966	50.044933	126.790083	Quad entrance off Nomash
ZBP-04-14	658007	5546146	50.04661	126.793033	Bridge crossing Zeballos river to the Nomash
ZBP-05-14	659160	5545963	50.044658	126.777018	First bridge crossing the Nomash River
ZBP-06-14	655345	5544771	50.034949	126.830739	Entrance off Zeballos Road NE to Maquinna Area

Zeballos 2014 Work Site Maps Scale 300 M

Tenure 1020254 Work Site Map Scale 300 M

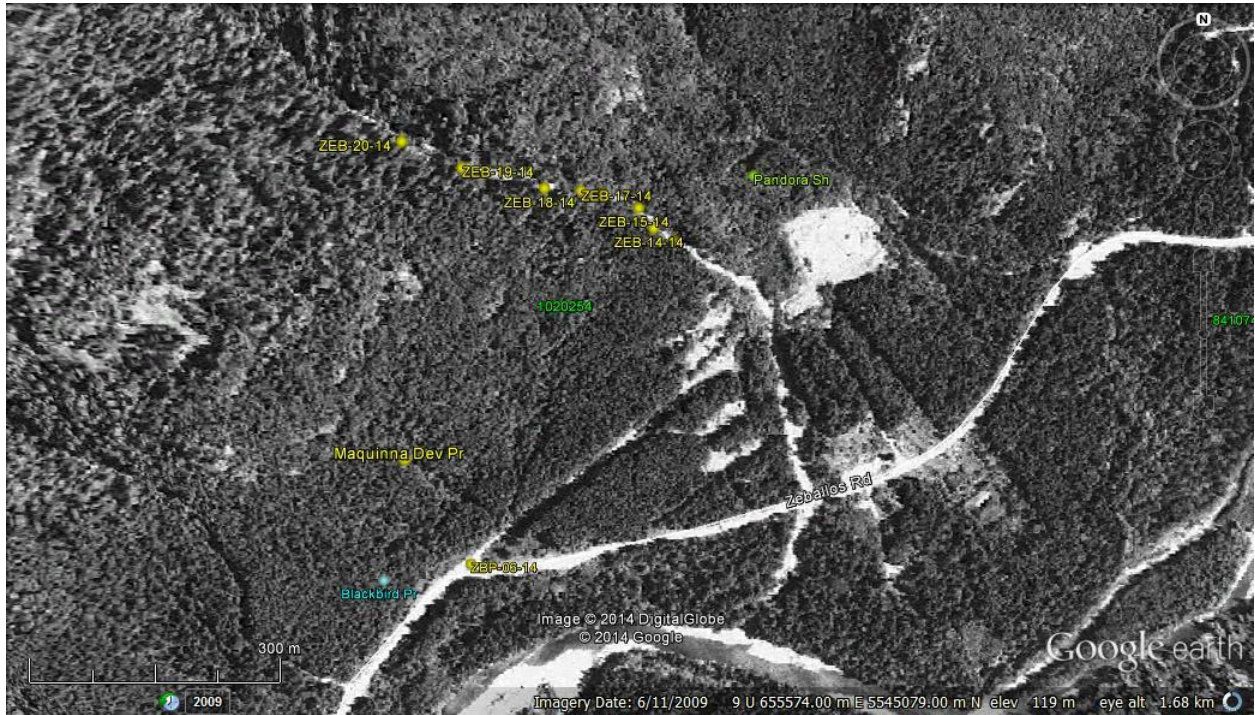


Tenure 684566 and 1025027 Work Site Map Scale 300 M

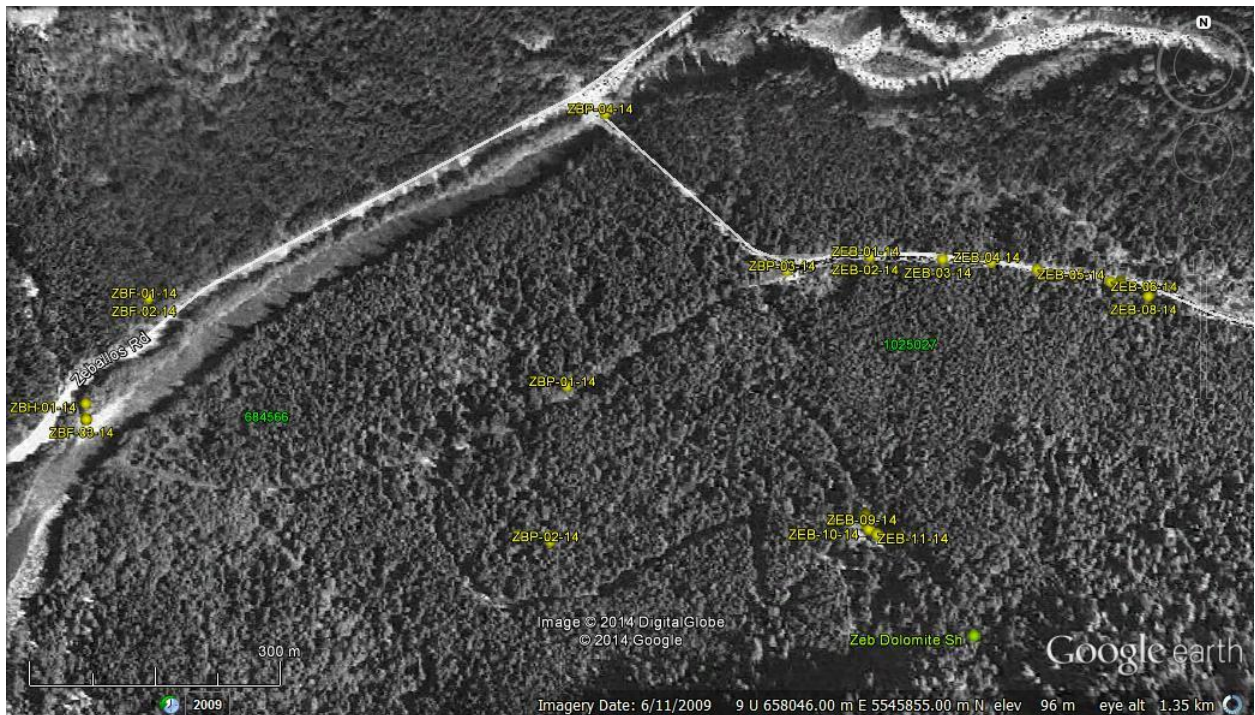


Zeballos 2014 Work Site Maps Scale 300 M

Aerial Tenure 1020254 Work Site Map Scale 300 M



Aerial Tenure 684566 and 1025027 Work Site Map Scale 300 M



Zeballos 2014 physical work download confirmation event 5504871

Zeb 1 2014 Event 5504871 download confirmation

Event Number: 5504871
Work Type: Physical Work
Technical Items: Prospecting
Work Start Date: 2014/MAY/03
Work Stop Date: 2014/MAY/20
Total Value of Work: \$ 3984.00

Tenure Number	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days Forward	Area in Ha	Applied Work Value	Sub- mission Fee
1028026	Zeballos Extension 10	2013/mar/15	2014/jun/01	2015/aug/01	426	20.75	\$ 160.42	\$ 0.00
1010792	BARNACLE ZEBALLOS EAST	2012/jul/04	2014/jun/01	2016/jun/08	738	41.49	\$ 819.14	\$ 0.00
865311	BARNACLE	2011/jul/09	2014/jun/01	2016/jun/08	738	41.49	\$ 766.57	\$ 0.00
1010795	Ext 579 A.D. Zeballos	2012/jun/11	2014/jun/01	2015/aug/01	426	62.26	\$ 406.61	\$ 0.00
1028370	Zeb Rimy	2013/mar/15	2014/jun/01	2015/aug/01	426	83.03	\$ 641.79	\$ 0.00
1028371	Zeb Rimy East	2013/mar/15	2014/jun/01	2015/aug/01	426	41.52	\$ 320.91	\$ 0.00
1025027	ZEBALLOS DOLOMITE	2014/jan/12	2014/jun/01	2014/aug/27	87	41.50	\$ 49.46	\$ 0.00
1028023	ZEB LUCKY STRIKE 7.8 GTAU	2014/may/03	2014/jun/01	2014/aug/27	87	124.46	\$ 148.33	\$ 0.00
1020254		2013/jun/12	2015/jun/20	2015/jun/21	1	41.51	\$ 0.57	\$ 0.00
841074	ROCK7	2010/dec/17	2015/jun/20	2015/jun/21	1	20.75	\$ 0.57	\$ 0.00
995994		2012/jun/11	2015/jun/20	2015/jun/21	1	41.50	\$ 1.13	\$ 0.00
1022613	MAQUINNA GOLD	2013/mar/15	2015/jun/20	2015/jun/21	1	228.28	\$ 6.24	\$ 0.00
684566	ROCK4	2009/dec/13	2015/jan/05	2015/oct/19	287	83.01	\$ 652.68	\$ 0.00
1017965	Zeballos Ridge	2013/jan/18	2014/jun/01	2014/jun/02	1	20.75	\$ 0.28	\$ 0.00
1022513	CONTACT	2012/nov/05	2014/may/20	2014/jun/03	14	20.75	\$ 3.98	\$ 0.00
1022512		2012/nov/05	2014/may/20	2014/jun/04	15	20.75	\$ 4.26	\$ 0.00
1028377	Rockey	2009/dec/25	2014/jun/26	2014/jun/27	1	20.75	\$ 0.28	\$ 0.00
1028376	Rocky	2009/dec/25	2014/jun/26	2014/jun/28	2	20.75	\$ 0.57	\$ 0.00

Total applied work value:\$ 3983.79

PAC name: Bakus

Debited PAC amount: \$ 0.0

Zeballos Physical Exploration and Development Work Sheet



REPORT OF PHYSICAL EXPLORATION AND DEVELOPMENT
Section 15 - Mineral Tenure Act Regulation

1. Event number(s): 5504871		2. Tenure number(s): 1010792,865311,1028023,1017965,1020254,1022613,841074,995994,1022513,1022512,1025027,1010795,1028026,1028370,1028371,684566,1028376,1028377		3. Type of Claim: <input checked="" type="checkbox"/> Mineral <input type="checkbox"/> Placer	
4. Recorded holder					
Name: Roman Anthony FMC 225341 and John Bakus FMC 223385			Address: 3926 Woodhus Road Campbell River, British Columbia V9H-1B3 #3, 1572 Lorne Street East Kamloops, British Columbia V2C-1X6		
Phone: 250-668-5559 250-377-8918		Email: rmat@uniserve.com irsol@telus.net			
5. Operator					
Name: Christopher Zimmer FMC 218232 and Roman Anthony FMC 225341			Address: 1411 White Street Nanaimo, British Columbia V9S-1J1 3926 Woodhus Road Campbell River, British Columbia V9H-1B3		
Phone: 250-668-5559		Email: zimwiz69@hotmail.com			
6 Report Author					
Name: John Bakus FMC 223385			Address: #3, 1572 Lorne Street East Kamloops, British Columbia V2C-1X6		
Phone: 250-377-8918		Email: irsol@telus.net			
7. Qualifications/experience of workers:					
Chris Zimmer Prospector/ equipment operator 10 years plus prospecting and Jeff Davis 2 year ground work. Roman Anthony 15 years field work and Doug Lloyd 2 years ground work. John Bakus Prospector/ equipment operator, report preparation 8 years prospecting experience.					

NEW WORK (as required under Section 15 of the MTA Regulation; see Information Updates 8 and 25 for further details)

8. Actual dates work was done: C Zimmer Lead and J Davis Asst May 04-05 2014 Field R Anthony Lead and D Lloyd Asst May 8 2014 Field J Bakus Research Prep Report May 01 to Nov 01 2014 Zimmer May 03+06 Anthony May 07+9 Prep/Close		9. Tenure number(s) of claim(s) on which this work was done: 1025027, 1020254 and 684566	
Detailed written description of the work activity: state what was done and how it was done, and the results. Mention equipment, machinery, labourers, as applicable. The cost statement (#18 on page 2) must correspond to what is stated here (if more space is required, use the supplementary section on page 3 or attach additional sheets) ** Attach a 1:10,000 scale map accurately showing the locations of the work sites.**			
What work was done?		UTM's and samples were taken from various locations throughout the area including Hard rock, Float Boulder, with points of interest noted and general exploration of other areas on the property.(See Report)	
How was the work done?		Prospecting of area, Orange flagging and marking of sample sites. Multiple photos taken of samples, and areas. GPS coordinates were taken, and all samples recorded and mapped. Prospecting notes, operating with equipment (Truck, GPS, Tools and sampling.) (See Report)	
What were the results?		Assay results will be provided upon submission of a future technical report for the 2014 Zeballos work programs and results from laboratory tests will be presented at that time. Prospecting descriptions, and mapping are included within the attached physical report.(See Report)	
11. Dimensions of work done: (Is the work site marked?) <input type="checkbox"/> Yes		12. Amount of material excavated and tested or processed: (metric units)	
		Bag size samples were taken for testing	

REPORT OF PHYSICAL EXPLORATION AND DEVELOPMENT
Section 15 - Mineral Tenure Act Regulation

NEW WORK (continued)

13. Geographic location of work sites; GPS coordinates; how would someone get to where the work was done; from the nearest town:			
See Zeballos 2014 Physical Report Attached.			
16. Are photographs of work sites attached? (Y/N)	<input type="text" value="Yes"/>		
17. Was Notice of work filed? (Y/N)	<input type="text" value="No"/>	If YES, Permit Number:	<input type="text"/>

COST STATEMENT

18. Expense(s) (complete either hourly rate or daily rate)	Total Hours OR # of days	Hourly Rate	Daily Rate	Total(s) (\$)
Labour cost: (specify type)				
Zimmer Lead May 04-05 2014 Field May 03+06 Prep/Close	3		\$250.00	\$750.00
Davis Assistant May 04-05 2014 Field	2		\$200.00	\$400.00
Anthony Lead May 8 2014 Field May 07+9 Prep/Close	2		\$250.00	\$500.00
Lloyd Assistant May 8 2014 Field	1		\$200.00	\$200.00
Equipment & Machinery cost: (specify type)				
GPS Computer clinometer Electronics chainsaw				
VHF radios Bear spray Axes Mallets Pry bars (see report)				
Zimmer/Davis 04-05 2014	2		\$90.00	\$180.00
Anthony/Lloyd May 8 2014	1		\$90.00	\$90.00
Lodging / Food:				
	Days	Rate(s)		
Zimmer and Davis 04-05 2014	4		\$125.00	\$500.00
Anthony and Lloyd May 8 2014	2		\$125.00	\$250.00
Other: (specify)				
Tape Battery Bags Tags GPS Etc	5		\$40.00	\$200.00
Bakus Research Prep Report May 01 to Nov 01 2014	1		\$250.00	\$250.00
19. Total costs of work from above:				\$3,320.00

20. Transportation/travel (specify type)	Days	Rate(s)	Total(s) (\$)
Zimmer/Davis Nanaimo too Zeballos to Nainamo Return	710 KM		\$0.95 \$674.50
Lloyd Port McNeil To Zeballos Return Anthony Campbell River to Zeballos Return	170 KM and 390 KM 560 KM		\$0.95 \$532.00
21. Transportation/travel, maximum 20% of value in 19:			\$664.00
22. Total costs of work (add 19 and 21):			\$3,984.00
23. Amount claimed for assessment credit on claims:			\$3,983.79

Zeballos Minfile Reports Central Zeballos Former Producer



MINFILE Detail Report
 BC Geological Survey
 Ministry of Energy, Mines & Petroleum Resources

Location/Identification

MINFILE Number:	092L 212	National Mineral Inventory Number:	092L2 An16
Name(s):	CENTRAL ZEBALLOS BIBB, EXTENSION NO. 6 (L.1049), RENO GOLD, AE, AD, B2-B6, M2,5,6, MON FRACTION		
Status:	Past Producer	Mining Division:	Alberni
Mining Method	Underground	Electoral District:	North Island
Regions:	British Columbia, Vancouver Island	Forest District:	Campbell River Forest District
BCGS Map:	092L007		
NTS Map:	092L02W	UTM Zone:	09 (NAD 83)
Latitude:	50 02 09 N	Northing:	5544969
Longitude:	126 47 00 W	Easting:	658737
Elevation:	460 metres		
Location Accuracy:	Within 500M		
Comments:	No. 1 East and No. 2 West adits on Lot 1049 on Bibb Creek, 1.3 kilometres south of the confluence of the Zeballos and Nomash rivers, 8 kilometres northeast of Zeballos.		

Mineral Occurrence

Commodities:	Gold, Silver, Lead, Copper, Zinc		
Minerals:	Significant:	Galena, Sphalerite, Chalcopyrite, Pyrite, Arsenopyrite	
	Associated:	Quartz, Calcite	
	Alteration:	Sericitic, Kaolin, Quartz	
	Alteration Type:	Sericitic, Argillic	
	Mineralization Age:	Unknown	
Deposit:	Character:	Vein	
	Classification:	Hydrothermal, Epigenetic	
	Type:	I01: Au-quartz veins, I06: Cu ⁺ -Ag quartz veins	
	Shape:	Tabular	Modifier: Sheared, Folded
	Dimension:	450x340x1 metres	Strike/Dip: 270/80S
	Comments:	Central Zeballos vein, up to 0.25 metres in width.	

Host Rock

Dominant Host Rock:	Plutonic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Triassic	Vancouver	Quatsino	----
Lower Jurassic	Bonanza	Undefined Formation	----
Tertiary	----	----	Catface Intrusions
Jurassic	----	----	Island Plutonic Suite
Isotopic Age	Dating Method	Material Dated	
225 Ma	Fossil	Juvavite ammonites	
200 Ma	Fossil	Mollusks	
38 +/- 14 Ma	Potassium/Argon	Biotite	
148 +/- 8 Ma	Potassium/Argon	Phlogopite	
Lithology:	Porphyritic Granodiorite, Quartz Diorite, Aplite Dike, Diorite Dike, Porphyry Dacite Dike, Felsic Dike		
Comments:	Age dates from Geological Survey of Canada Paper 74-8.		

Geological Setting

Tectonic Belt:	Insular	Physiographic Area:	Vancouver Island Ranges
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Central Zeballos Production



MINFILE Production Detail Report
 BC Geological Survey
 Ministry of Energy, Mines & Petroleum Resources

MINFILE Number: 092L 212 Name: CENTRAL ZEBALLOS Status: Past Producer

Production Year	Tonnes Mined	Tonnes Milled	Commodity	Grams Recovered	Kilograms Recovered
1947	6,475	4,856	Gold	50,605	
			Silver	20,839	
			Lead		3,951
			Copper		588
1946	3,486	2,411	Gold	27,122	
			Silver	19,750	
			Lead		3,862
			Copper		644
1942	6,370	4,627	Gold	143,385	
			Silver	95,891	
			Lead		22,151
			Copper		1,864
1941	18,252	12,993	Gold	204,285	
			Silver	149,574	
			Lead		20,139
			Copper		2,160
1940	17,972	12,902	Gold	205,622	
			Silver	142,327	
			Lead		20,478
			Copper		2,060
1939	13	13	Gold	1,026	
			Silver	871	
			Lead		163
			Copper		15
1938	28	28	Gold	4,728	
			Silver	2,986	
			Lead		396
			Copper		39

Summary Totals

MINFILE Number: 092L 212 Name: CENTRAL ZEBALLOS Status: Past Producer

	Metric	Imperial
Mined	52,596 tonnes	57,977 tons
Milled	37,830 tonnes	41,700 tons

Recovery:

Gold	636,773 grams	20,473 ounces
Silver	432,238 grams	13,897 ounces
Lead	71,140 kilograms	156,837 pounds
Copper	7,370 kilograms	16,248 pounds

Central Zeballos Inventory



MINFILE Inventory Detail Report
BC Geological Survey
Ministry of Energy, Mines & Petroleum Resources

MINFILE Number: 092L 212 **Name:** CENTRAL ZEBALLOS **Status:** Past Producer

Ore Zone/ Year/Report On	Tonnage/ Category	Commodity	Grade	Reference/ Comments
CENTRAL ZEBALLOS 1989 Y	43,631 t Inferred	Gold	12.0000 g/t	Possible reserve estimates are based on results from old mine data as supported by recent underground sampling and drilling. SMF 43/89, Consolidated Impact Res.Inc., J.C. Freeze, June 1989.
CENTRAL ZEBALLOS 1989 Y	8,163 t Indicated	Gold	12.0000 g/t	Probable reserves are estimated where indicated by compiling results of recent underground sampling with old mine data. SMF 43/89, Consolidated Impact Res.Inc., J.C. Freeze, June 1989.



Location/Identification

MINFILE Number: 092L 016 **National Mineral Inventory Number:** 092L2 Au18
Name(s): RIMY 1-S
 RIMY 3 (L.1765), RIMY 2 (L.1769), BELL (L.1901), BELL 1 (L.1902), MAN-O-WAR
Status: Past Producer **Mining Division:** Alberni
Mining Method: Underground **Electoral District:** North Island
Regions: British Columbia, Vancouver Island **Forest District:** Campbell River Forest District
BCGS Map: 092L007
NTS Map: 092L02W **UTM Zone:** 09 (NAD 83)
Latitude: 50 01 27 N **Northing:** 5543663
Longitude: 126 47 15 W **Easting:** 658477
Elevation: 762 metres
Location Accuracy: Within 500M
Comments: Location of #4 adit on Lot 1765 is 650 metres east of Gold Valley Creek, 6.5 kilometres northeast of Zeballos (Bulletin 27, Figure 2).

Mineral Occurrence

Commodities: Gold, Silver, Lead, Zinc
Minerals: **Significant:** Pyrite, Arsenopyrite, Galena, Sphalerite
Significant Comments: Gold, silver mineralogy not known.
Associated: Quartz
Mineralization Age: Unknown
Deposit: **Character:** Vein
Classification: Mesothermal, Epithermal, Epigenetic
Type: ID6: Cu⁺-Ag quartz veins
Shape: Tabular
Dimension: 115x0x0 metres **Strike/Dip:** 096/80S
Comments: Main vein strikes 096 degrees, dips 80 degrees south.

Host Rock

Dominant Host Rock: Plutonic
Stratigraphic Age: Eocene **Group:** ----- **Formation:** ----- **Igneous/Metamorphic/Other:** Catface Intrusions
Isotopic Age: 38 +/- 14 Ma **Dating Method:** Potassium/Argon **Material Dated:** Biotite
Lithology: Quartz Diorite, Andesite Dike, Feldspar Porphyry Dike
Comments: Age date on Zeballos Pluton (Geological Survey of Canada Paper 74-8).

Geological Setting

Tectonic Belt: Insular **Physiographic Area:** Vancouver Island Ranges
Terrane: Wrangell, Plutonic Rocks

Inventory

Rimy Production



MINFILE Production Detail Report
BC Geological Survey
Ministry of Energy, Mines & Petroleum Resources

MINFILE Number: 092L 016 **Name:** RIMY 1-8 **Status:** Past Producer

Production Year	Tonnes Mined	Tonnes Milled	Commodity	Grams Recovered	Kilograms Recovered
1938	17	0	Silver	1,586	
			Gold	1,369	

Summary Totals:

MINFILE Number: 092L 016 **Name:** RIMY 1-8 **Status:** Past Producer

	Metric	Imperial
Mined	17 tonnes	18 tons
Milled	0 tonnes	0 tons
Recovery:		
Silver	1,586 grams	51 ounces
Gold	1,369 grams	44 ounces

Comments:

1938 Bulletin 27-development ore shipped prior to 1938.

Rimy Inventory



MINFILE Inventory Detail Report
BC Geological Survey
Ministry of Energy, Mines & Petroleum Resources

MINFILE Number: 092L 016	Name: RMY 1-8	Status: Past Producer
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Ore Zone/ Year/Report On	Tonnage/ Category	Commodity	Grade	Reference/ Comments
ADIT		Silver	92.0400 g/t	Development ore - 17.2 tonnes shipped prior to 1938. Bulletin 27, page 101.
1938	Assay/analysis Bulk Sample	Gold	79.4100 g/t	



Location/Identification

MINFILE Number:	092L 028	National Mineral Inventory Number:	092L2 F01
Name(s):	FORD F.L. (L.1999,L.2000), EXTENSION NO. 1-4(L.2008-2011), FE (L.2007), FL		
Status:	Past Producer	Mining Division:	Alberni
Mining Method	Underground, Open Pit	Electoral District:	North Island
Regions:	British Columbia, Vancouver Island	Forest District:	Campbell River Forest District
BCGS Map:	092L006		
NTS Map:	092L02W	UTM Zone:	09 (NAD 83)
Latitude:	50 02 54 N	Northing:	5546251
Longitude:	126 50 05 W	Easting:	655017
Elevation:	792 metres		
Location Accuracy:	Within 500M		
Comments:	The centre of the ore body is in Blacksand Creek, 1.5 kilometres north of Zeballos River, 6.5 kilometres north of Zeballos.		

Mineral Occurrence

Commodities:	Iron, Magnetite		
Minerals	Significant:	Magnetite, Pyrite	
	Alteration:	Pyroxene, Epidote, Garnet, Pyrite	
	Alteration Type:	Skarn	
	Mineralization Age:	Unknown	
Deposit	Character:	Stratabound, Massive	
	Classification:	Skarn, Industrial Min.	
	Type:	K03: Fe skarn	
	Shape:	Tabular	
	Dimension:	400x21x0 metres	Strike/Dip: 360/45W
	Comments:	Ore body strikes north-northwest to northeast, dipping 45 degrees west.	

Host Rock

Dominant Host Rock:	Sedimentary		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Triassic	Vancouver	Quatsino	----
Lower Jurassic	Bonanza	Undefined Formation	----
Jurassic	----	----	Island Plutonic Suite
Isotopic Age	Dating Method	Material Dated	
225 Ma	Fossil	Juvavite ammonites	
200 Ma	Fossil	Mollusks	
148 +/- 8 Ma	Potassium/Argon	Phlogopite	
Lithology:	Limestone, Tuff, Diorite, Granodiorite, Andesite Dike, Feldspar Porphyry Dike		
Comments:	Bonanza mollusks-Quatsino Sound; Quatsino ammonites-Alice Lake; phlogopite-Zeballos intrusion (Geological Survey of Canada Paper 74-8)		

Geological Setting

Tectonic Belt:	Insular	Physiographic Area:	Vancouver Island Ranges
Terrane:	Wrangell		

Ford Production



MINFILE Production Detail Report
 BC Geological Survey
 Ministry of Energy, Mines & Petroleum Resources

MINFILE Number: 092L 028 Name: FORD Status: Past Producer

Production Year	Tonnes Mined	Tonnes Milled	Commodity	Grams Recovered	Kilograms Recovered
1969	31,003	43,080	Iron		76,034,803
1968	252,721	252,721	Iron		135,670,420
1967	307,335	337,652	Iron		222,991,510
1966	331,645	331,645	Iron		293,294,720
1965	330,320	330,320	Iron		242,965,000
1964	93,046	115,447	Iron		84,120,543
1962	335,213	335,013	Iron		227,156,400

Summary Totals:

MINFILE Number: 092L 028 Name: FORD Status: Past Producer

	Metric	Imperial
Mined	1,681,283 tonnes	1,853,297 tons
Milled	1,745,878 tonnes	1,924,501 tons

Recovery:

Iron	1,282,233,396 kilograms	2,826,840,751 pounds
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Comments:

- 1969 Iron concentrates shipped from stockpile.
- 1968 Iron concentrates shipped.
- 1967 Iron concentrates shipped.
- 1966 Iron concentrates shipped.
- 1965 Iron concentrates shipped.
- 1964 Iron concentrates shipped.
- 1962 Iron concentrates shipped.

Maquinna Developed Prospect



MINFILE Detail Report
 BC Geological Survey
 Ministry of Energy, Mines & Petroleum Resources

Location/Identification

MINFILE Number:	092L 023	National Mineral Inventory Number:	092L2 Au31
Name(s):	<u>MAQUINNA (L. 1881)</u> 1883-1884), GREEN LIGHT, KODIAK, JACK OF SPADES		
Status:	Developed Prospect	Mining Division:	Alberni
		Electoral District:	North Island
Region:	British Columbia, Vancouver Island	Forest District:	Campbell River Forest District
BCGS Map:	092L006		
NTS Map:	092L02W	UTM Zone:	09 (NAD 83)
Latitude:	50 02 11 N	Northing:	5544928
Longitude:	126 49 55 W	Easting:	655254
Elevation:	274 metres		
Location Accuracy:	Within 500M		
Comments:	Location of upper adit (Bulletin 27, Figure 2) in 0.5 kilometre north of Zeballos River, 6.0 kilometre north of Zeballos.		

Mineral Occurrence

Commodities:	Gold, Lead, Zinc		
Minerals	Significant:	Arsenopyrite, Sphalerite, Galena, Chalcopyrite, Pyrite, Pyrrhotite	
	Significant Comments:	Gold mineralogy not known.	
	Associated:	Calcite, Quartz	
	Mineralization Age:	Unknown	
Deposit	Character:	Vein	
	Classification:	Mesothermal, Epithermal, Epigenetic	
	Type:	ID6: Cu ⁺ -Ag quartz veins	
	Shape:	Tabular	Modifier: Sheared
	Dimension:	670x0x0 metres	Strike/Dip: 076/90
	Comments:	Vein strikes 076 degrees, dips near vertically. Vein width is 2 to 76 centimetres.	

Host Rock

Dominant Host Rock:	Volcanic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Lower Jurassic	Bonanza	Undefined Formation	---
Upper Jurassic	---	---	Island Plutonic Suite
Isotopic Age	Dating Method	Material Dated	
200 Ma	Fossil	Mollusks	
148 +/- 8 Ma	Potassium/Argon	Phlogopite	
Lithology:	Andesite		
Comments:	Mollusks from Quatsino Sound; phlogopite from Zeballos intrusion (Geological Survey of Canada Paper 74-8).		

Geological Setting

Tectonic Belt:	Insular	Physiographic Area:	Vancouver Island Ranges
Terrane:	Wrangell, Plutonic Rocks		

Inventory

Ridge Developed Prospect



MINFILE Detail Report
 BC Geological Survey
 Ministry of Energy, Mines & Petroleum Resources

Location/Identification

MINFILE Number: 092L 128 National Mineral Inventory Number: 092L2 Fe4
 Name(s): **RIDGE (L 2011)**
 EXTENSION 4
 Status: Developed Prospect Mining Division: Alberni
 Electoral District: North Island
 Forest District: Campbell River Forest District
 Regions: British Columbia, Vancouver Island
 BCGS Map: 092L006
 NTS Map: 092L02W UTM Zone: 09 (NAD 83)
 Latitude: 50 02 54 N Northing: 5546228
 Longitude: 126 50 45 W Easting: 654222
 Elevation: 793 metres
 Location Accuracy: Within 500M
 Comments: Located 450 metres east of Ford - Zeballos Iron Mines (092L 028); east of Black Sands Creek, 1.2 kilometres northwest of Zeballos River, 7.5 kilometres north of Zeballos (Ministry of Mines Annual Report 1962, Figure 8).

Mineral Occurrence

Commodities: Iron, Magnetite
 Minerals: Significant: Magnetite
 Alteration: Pyroxane
 Alteration Type: Skarn
 Mineralization Age: Unknown
 Deposit Character: Stratabound, Massive
 Classification: Skarn, Industrial Min.
 Type: K03: Fe skarn
 Shape: Tabular
 Dimension: 91x15x0 metres

Host Rock

Dominant Host Rock: Sedimentary

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Triassic	Vancouver	Quatsino	----
Lower Jurassic	Bonanza	Undefined Formation	----
Jurassic	----	----	Island Plutonic Suite

Isotopic Age	Dating Method	Material Dated
225 Ma	Fossil	Juvavite ammonites
200 Ma	Fossil	Mollusks
148 +/- 8 Ma	Potassium/Argon	Phlogopite

Lithology: Limestone, Feldspar Porphyry Dike, Skarn, Diorite, Tuff
 Comments: Bonanza mollusks-Quatsino Sound; Quatsino ammonites-Alice Lake; phlogopite-Zeballos intrusion (Geological Survey of Canada Paper 74-8)

Geological Setting

Tectonic Belt: Insular Physiographic Area: Vancouver Island Ranges
 Terrane: Wrangell
 Metamorphic Type: Contact

Ridge Inventory



MINFILE Inventory Detail Report
BC Geological Survey
Ministry of Energy, Mines & Petroleum Resources

MINFILE Number: 092L 128 **Name:** RIDGE (L.2011) **Status:** Developed Prospect

Ore Zone/ Year/Report On	Tonnage/ Category	Commodity	Grade	Reference/ Comments
RIDGE 1950 Y	45,359 t Indicated	Iron	68.8400 %	Four samples range from 67.72 to 68.84 per cent iron. Tonnage estimate is drill indicated. Minister of Mines Annual Report 1962, page 103.

Extension 10 Developed Prospect



MINFILE Detail Report
 BC Geological Survey
 Ministry of Energy, Mines & Petroleum Resources

Location/Identification

MINFILE Number: 092L 018 National Mineral Inventory Number: 092L2 Cu5
 Name(s): **EXTENSION 10 (L.1712)**
 CENTRAL ZEBALLOS SKARN, SOUTH SKARN
 Status: Developed Prospect Mining Division: Alberni
 Electoral District: North Island
 Forest District: Campbell River Forest District
 Regions: British Columbia, Vancouver Island
 BCGS Map: 092L007
 NTS Map: 092L02W UTM Zone: 09 (NAD 83)
 Latitude: 50 02 04 N Northing: 5544816
 Longitude: 126 46 57 W Easting: 638801
 Elevation: 700 metres
 Location Accuracy: Within 500M
 Comments: Location of skarn mineralization in centre of Lot 1712 is located 1.5 kilometres south of the Nomash-Zeballos River confluence.

Mineral Occurrence

Commodities: Copper, Gold, Silver, Magnetite
 Minerals: Significant: Chalcopyrite, Magnetite, Pyrrhotite
 Significant Comments: Silver, gold mineralogy not known.
 Alteration: Diopside, Garnet
 Alteration Type: Skarn
 Mineralization Age: Unknown
 Deposit Character: Stratabound, Massive
 Classification: Skarn, Epigenetic, Industrial Min.
 Shape: Tabular
 Dimension: 300x87x6 metres Strike/Dip: 090/75N
 Comments: Strike and dip are of limestone-hosting skarn.

Host Rock

Dominant Host Rock: Sedimentary
 Stratigraphic Age Group Formation Igneous/Metamorphic/Other
 Upper Triassic Vancouver Quatsino
 Eocene Catface Intrusions
 Isotopic Age Dating Method Material Dated
 225 Ma Fossil Juvavite ammonites
 38 +/- 14 Ma Potassium/Argon Biotite
 Lithology: Limestone, Garnet Diopside Skarn, Granodiorite
 Comments: Ammonites from Alice Lake; Catface biotite from Zeballos (Geological Survey of Canada Paper 74-8).

Geological Setting

Tectonic Belt: Insular Physiographic Area: Vancouver Island Ranges
 Terrane: Wrangell, Plutonic Rocks
 Metamorphic Type: Contact
 Grade: Amphibolite

Extension 10 Inventory



MINFILE Inventory Detail Report
BC Geological Survey
Ministry of Energy, Mines & Petroleum Resources

MINFILE Number: 092L 018 **Name:** EXTENSION 10 (L.1712) **Status:** Developed Prospect

Ore Zone/ Year/Report On	Tonnage/ Category	Commodity	Grade	Reference/ Comments
SAMPLE		Silver	268.2000 g/t	Average of samples CZ 102-83 and CZ 103-83. Assessment Report 12077, page 10, Figure 4.
		Gold	1.3000 g/t	
1983 N	Assay/analysis Chip	Copper	11.2700 %	

Barnacle Prospect



MINFILE Detail Report
 BC Geological Survey
 Ministry of Energy, Mines & Petroleum Resources

Location/Identification

MINFILE Number:	092L 029	National Mineral Inventory Number:	092L2 Au21
Name(s):	BARNACLE EXTENSION 1,3 (L.2008), EXTENSION 3 (L.2010)		
Status:	Prospect	Mining Division:	Alberni
		Electoral District:	North Island
Regions:	British Columbia, Vancouver Island	Forest District:	Campbell River Forest District
BCGS Map:	092L006		
NTS Map:	092L02W	UTM Zone:	09 (NAD 83)
Latitude:	50 03 19 N	Northing:	5547031
Longitude:	126 49 50 W	Easting:	655293
Elevation:	817 metres		
Location Accuracy:	Within 500M		
Comments:	Location of #2 adit on Lot 2010 (from Page 129 and Figure 2, Bulletin 27) is 2.5 kilometres northwest of Zeballos River, 8.0 kilometres north of Zeballos.		

Mineral Occurrence

Commodities:	Gold, Copper		
Minerals	Significant:	Pyrite, Gold, Chalcopyrite, Pyrrhotite	
	Associated:	Quartz	
	Alteration:	Limonite, Garnet	
	Alteration Type:	Oxidation, Skarn	
	Mineralization Age:	Unknown	
Deposit	Character:	Vein, Breccia	
	Classification:	Mesothermal, Epithermal, Epigenetic	
	Type:	I06: Cu ⁺ -Ag quartz veins	
	Shape:	Tabular	Modifier: Sheared
	Dimension:	60x0x0 metres	Strike/Dip: 360/90
	Comments:	Number 1 adit vein was traced for 60 metres along north strike.	

Host Rock

Dominant Host Rock:	Volcanic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Lower Jurassic	Bonanza	Undefined Formation	---
Upper Triassic	Vancouver	Quatsino	---
Upper Jurassic	---	---	Island Plutonic Suite
Isotopic Age		Dating Method	Material Dated
200 Ma		Fossil	200 Ma
225 Ma		Fossil	225 Ma
148 +/- 8 Ma		Potassium/Argon	Phlogopite
Lithology:	Andesite, Diorite, Limestone		
Comments:	Bonanza mollusks-Quatsino Sound, Quatsino ammonites-Alice Lake; phlogopite-Zeballos intrusion (Geological Survey of Canada 74-8).		

Barnacle Inventory



MINFILE Inventory Detail Report
BC Geological Survey
Ministry of Energy, Mines & Petroleum Resources

MINFILE Number: 092L 029	Name: BARNACLE	Status: Prospect
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Ore Zone/ Year/Report On	Tonnage/ Category	Commodity	Grade	Reference/ Comments
SAMPLE 1950 N	Assay/analysis Bulk Sample	Gold	107.3000 g/t	Value of high grade shipment of 1.4 tonnes. Bulletin 27, page 129.
ADIT 1950 N	Assay/analysis Bulk Sample	Gold	107.3000 g/t	Value of high grade shipment of 1.4 tonnes. -

Barnacle (3060) Adit Prospect



MINFILE Detail Report
 BC Geological Survey
 Ministry of Energy, Mines & Petroleum Resources

Location/Identification

MINFILE Number: 092L 210 National Mineral Inventory Number: 092L2 F#4
 Name(s): **BARNACLE (3060 ADIT)**
 EXTENSION 4 (L.2011)
 Status: Prospect Mining Division: Alberni
 Electoral District: North Island
 Forest District: Campbell River Forest District
 Regions: British Columbia, Vancouver Island
 BCGS Map: 092L006
 NTS Map: 092L02W UTM Zone: 09 (NAD 83)
 Latitude: 50 03 14 N Northing: 5546877
 Longitude: 126 49 50 W Easting: 655297
 Elevation: 932 metres
 Location Accuracy: Within 500M
 Comments: Location from Bulletin 27, Figure 2, of #4 adit, is 2 to 3 kilometres northwest of Zeballos River, eight kilometres north of Zeballos.

Mineral Occurrence

Commodities: Gold
 Minerals Significant: Gold
 Associated: Quartz
 Mineralization Age: Unknown
 Deposit Character: Vein, Breccia
 Classification: Mesothermal, Epithermal, Epigenetic
 Type: I06: Cu⁺-Ag quartz veins
 Shape: Tabular Modifier: Sheared, Folded
 Dimension: 10x0x0 metres Strike/Dip: 022/
 Comments: Vein strike is 022 degrees and has been explored over 10 metres.

Host Rock

Dominant Host Rock: Volcanic

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Lower Jurassic	Bonanza	Undefined Formation	----
Upper Triassic	Vancouver	Quatsino	----
Upper Jurassic	----	----	Island Plutonic Suite
Eocene	----	----	Catface Intrusions

Isotopic Age	Dating Method	Material Dated
200 Ma	Fossil	Mollusks
225 Ma	Fossil	Juvavite ammonites
148 +/- 8 Ma	Potassium/Argon	Phlogopite
38 +/- 14 Ma	Potassium/Argon	Biotite

 Lithology: Andesite, Diabase Dike
 Comments: Isotopic age and sample locations from Geological Survey of Canada Paper 74-8.

Geological Setting

Tectonic Belt: Insular Physiographic Area: Vancouver Island Ranges
 Terrane: Wrangell

Barnacle (Lot 2011) Extension 4 Prospect



MINFILE Detail Report
 BC Geological Survey
 Ministry of Energy, Mines & Petroleum Resources

Location/Identification

MINFILE Number:	092L 129	National Mineral Inventory Number:	092L2 F#4
Name(s):	BARNACLE (L. 2011) EXTENSION 4		
Status:	Prospect	Mining Division:	Alberni
		Electoral District:	North Island
Regions:	British Columbia, Vancouver Island	Forest District:	Campbell River Forest District
BCGS Map:	092L006		
NTS Map:	092L02W	UTM Zone:	09 (NAD 83)
Latitude:	50 03 04 N	Northing:	5546568
Longitude:	126 49 50 W	Easting:	655306
Elevation:	762 metres		
Location Accuracy:	Within 500M		
Comments:	Adit on Lot 2011, near Lot 2007 boundary, is located 2.0 kilometres northwest of Zaballos River, 8.0 kilometres north of Zaballos (Bulletin 27, Figure 2).		

Mineral Occurrence

Commodities:	Gold		
Minerals	Significant:	Gold, Sulphide	
	Associated:	Quartz	
	Mineralization Age:	Unknown	
Deposit	Character:	Vein, Breccia	
	Classification:	Epigenetic, Hydrothermal	
	Type:	I06: Cu ⁺ -Ag quartz veins	
	Shape:	Tabular	Modifier: Sheared
	Dimension:	79x0x0 metres	Strike/Dip: 023/90
	Comments:	Vein strike is 023 degrees, dip 90 degrees.	

Host Rock

Dominant Host Rock:	Volcanic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Lower Jurassic	Bonanza	Undefined Formation	----
Upper Triassic	Vancouver	Quatsino	----
Upper Jurassic	----	----	Island Plutonic Suite
Isotopic Age		Dating Method	Material Dated
200 Ma		Fossil	Mollusks
225 Ma		Fossil	Juvenile ammonites
148 +/- 8 Ma		Potassium/Argon	Phlogopite
Lithology:	Andesite, Limestone, Hornblende Diorite, Andesite Dike		
Comments:	Bonanza mollusks-Quatsino Sound; Quatsino ammonites-Alice Lake.		

Geological Setting

Tectonic Belt:	Insular	Physiographic Area:	Vancouver Island Ranges
Terrane:	Wrangell		

Inventory

Blackbird Prospect



MINFILE Detail Report
 BC Geological Survey
 Ministry of Energy, Mines & Petroleum Resources

Location/Identification

MINFILE Number:	092L 130	National Mineral Inventory Number:	092L2 Au31
Name(s):	BLACKBIRD BLUEBIRD, JACK OF SPADES, R & R, MAQUINNA 4 (L.1884), KODIAK, AG		
Status:	Prospect	Mining Division:	Alberni
		Electoral District:	North Island
Regions:	British Columbia, Vancouver Island	Forest District:	Campbell River Forest District
BCGS Map:	092L006		
NTS Map:	092L02W	UTM Zone:	09 (NAD 83)
Latitude:	50 02 05 N	Northing:	5544742
Longitude:	126 49 57 W	Eastng:	655220
Elevation:	150 metres		
Location Accuracy:	Within 500M		
Comments:	Location of surface workings is 300 metres north of Zeballos River, 6.0 kilometres north of Zeballos (Bulletin 27, Figure 2).		

Mineral Occurrence

Commodities:	Magnetite, Iron, Copper		
Minerals:	Significant:	Magnetite, Chalcopyrite, Pyrrhotite, Pyrite	
	Associated:	Actinolite, Epidote, Diopside, Wollastonite	
	Alteration:	Garnet, Actinolite, Epidote, Diopside, Wollastonite	
	Alteration Type:	Skarn	
	Mineralization Age:	Unknown	
Deposit:	Character:	Stratabound, Massive	
	Classification:	Skarn, Industrial Min.	
	Shape:	Tabular	
	Dimension:	25x10x0 metres	Strike/Dip: 290/75N
	Comments:	Attitude of local stratigraphy is 290 degrees, dipping 75 degrees north.	

Host Rock

Dominant Host Rock:	Sedimentary		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Triassic	Vancouver	Quatsino	---
Lower Jurassic	Bonanza	Undefined Formation	---
Jurassic	---	---	Island Plutonic Suite
Isotopic Age		Dating Method	Material Dated
225 Ma		Fossil	Juvarite ammonites
200 Ma		Fossil	Mollusks
148 +/- 8 Ma		Potassium/Argon	Phlogopite
Lithology:	Limestone, Skarn, Diorite, Dacite, Garnetite, Tuff		
Comments:	Ammonites from Alice Lake; mollusks from Quatsino Sound; phlogopite from Zeballos intrusion (Geological Survey of Canada Paper 74-8).		

Geological Setting

Tectonic Belt:	Insular	Physiographic Area:	Vancouver Island Ranges
Terrane:	Wrangell, Plutonic Rocks		

Boden Showing



MINFILE Detail Report
 BC Geological Survey
 Ministry of Energy, Mines & Petroleum Resources

Location/Identification

MINFILE Number:	092L 022	National Mineral Inventory Number:	092L2 Au22
Name(s):	BODEN BODDN		
Status:	Showing	Mining Division:	Alberni
		Electoral District:	North Island
Regions:	British Columbia, Vancouver Island	Forest District:	Campbell River Forest District
BCGS Map:	092L006		
NTS Map:	092L02W	UTM Zone:	09 (NAD 83)
Latitude:	50 02 10 N	Northing:	5544872
Longitude:	126 50 40 W	Eastng:	654360
Elevation:	335 metres		
Location Accuracy:	Within 5KM		
Comments:	Location of lower workings as shown in Bulletin 27, Figure 2, is 1.0 kilometre northwest of Zeballos River, 6.0 kilometres north of Zeballos.		

Mineral Occurrence

Commodities:	Gold, Zinc		
Minerals	Significant:	Sphalerite, Pyrite, Pyrrhotite	
	Significant Comments:	Gold in pyrite?	
	Associated:	Quartz, Calcite	
	Alteration:	Calcite, Quartz	
	Alteration Type:	Silicification, Carbonate	
	Mineralization Age:	Unknown	
Deposit	Character:	Vein, Breccia	
	Classification:	Epithermal, Mesothermal, Epigenetic	
	Type:	I06: Cu ⁺ -Ag quartz veins	
	Shape:	Tabular	Modifier: Sheared
	Dimension:	122x0x0 metres	Strike/Dip: 090/90
	Comments:	Deposit dimension given in vertical distance of number one showings.	

Host Rock

Dominant Host Rock:	Volcanic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Lower Jurassic	Bonanza	Undefined Formation	-----
Upper Jurassic	-----	-----	Island Plutonic Suite
Eocene	-----	-----	Catface Intrusions
Isotopic Age		Dating Method	Material Dated
200 Ma		Fossil	Mollusks
148 +/- 8 Ma		Potassium/Argon	Phlogopite
38 +/- 14 Ma		Potassium/Argon	Biotite
Lithology:	Gneiss, Granodiorite, Diabase		
Comments:	Bonanza mollusks-Quatsino Sound; phlogopite-Zeballos Intrusion; biotite-South Zeballos Stock (Geological Survey of Canada Paper 74-8).		

Geological Setting

Tectonic Belt:	Insular	Physiographic Area:	Vancouver Island Ranges
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Boden Inventory



MINFILE Inventory Detail Report
BC Geological Survey
Ministry of Energy, Mines & Petroleum Resources

MINFILE Number: 092L 022 **Name:** BODEN **Status:** Showing

Ore Zone/ Year/Report On	Tonnage/ Category	Commodity	Grade	Reference/ Comments
SAMPLE		Gold	3.4000 g/t	
1937 N	Assay/analysis Grab			Bulletin 27, page 120.



Location/Identification

MINFILE Number: 092L 024 National Mineral Inventory Number: 092L2 Au 6
 Name(s): **OMEGA**
 TORRES ZEBALLOS
 Status: Showing Mining Division: Alberni
 Electoral District: North Island
 Forest District: Campbell River Forest District
 Regions: British Columbia, Vancouver Island
 BCGS Map: 092L006 UTM Zone: 09 (NAD 83)
 NTS Map: 092L02W Northing: 5545626
 Latitude: 50 02 34 N Easting: 654796
 Longitude: 126 50 17 W
 Elevation: 597 metres
 Location Accuracy: Within 500M
 Comments: Main vein is located on Granite Creek, 2.0 kilometres northwest of Zeballos River, 6.0 kilometres north of Zeballos.

Mineral Occurrence

Commodities: Gold, Lead, Zinc, Copper
 Minerals Significant: Galena, Sphalerite, Chalcopyrite, Pyrrhotite, Pyrite
 Associated: Quartz, Calcite
 Mineralization Age: Unknown
 Deposit Character: Vein, Breccia
 Classification: Mesothermal, Epithermal, Epigenetic
 Type: I06: Cu⁺-Ag quartz veins
 Shape: Tabular Modifier: Sheared
 Strike/Dip: 052/80S
 Comments: Strike of shear zone is 052 degrees, dipping 80 degrees south.

Host Rock

Dominant Host Rock: Volcanic

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Lower Jurassic	Bonanza	Undefined Formation	-----
Jurassic	-----	-----	Island Plutonic Suite
Eocene	-----	-----	Catface Intrusions

Isotopic Age	Dating Method	Material Dated
200 Ma	Fossil	Mollusks
148 +/- 8 Ma	Potassium/Argon	Phlogopite
38 +/- 14 Ma	Potassium/Argon	Biotite

 Lithology: Diorite, Andesite, Limestone
 Comments: Bonanza mollusks-Quatsino Sound; phlogopite-Zeballos intrusion; biotite-South Zeballos (Geological Survey of Canada Paper 74-S).

Geological Setting

Tectonic Belt: Insular Physiographic Area: Vancouver Island Ranges
 Terrane: Wrangell, Plutonic Rocks
 Metamorphic Type: Contact

Extension 5 Showing



MINFILE Detail Report
 BC Geological Survey
 Ministry of Energy, Mines & Petroleum Resources

Location/Identification

MINFILE Number:	092L 213	National Mineral Inventory Number:	092L2 Cu5
Name(s):	EXTENSION 5 (L1048) CENTRAL ZEBALLOS SKARN, NORTH SKARN		
Status:	Showing	Mining Division:	Alberni
Regions:	British Columbia, Vancouver Island	Electoral District:	North Island
BCGS Map:	092L007	Forest District:	Campbell River Forest District
NTS Map:	092L02W	UTM Zone:	09 (NAD 83)
Latitude:	50 02 14 N	Northing:	5545109
Longitude:	126 47 25 W	Easting:	658235
Elevation:	457 metres		
Location Accuracy:	Within 500M		
Comments:	Location of Sample CZ 105-83, from Assessment Report 12077, is 1 kilometre south of the Zeballos-Nomash Rivers confluence, 7.5 kilo- metres northeast of Zeballos.		

Mineral Occurrence

Commodities:	Copper, Gold, Silver, Magnetite		
Minerals:	Significant:	Chalcopyrite, Bornite, Magnetite	
	Significant Comments:	Silver, gold mineralogy not known.	
	Alteration:	Diopside	
	Alteration Type:	Skarn	
	Mineralization Age:	Unknown	
Deposit:	Character:	Stratabound, Massive	
	Classification:	Skarn, Industrial Min.	
	Shape:	Tabular	
	Dimension:	300x6x0 metres	Strike/Dip: 315/
	Comments:	Strike of mineralization is northwest, skarn is up to 6 metres wide and can be traced along strike for 300 metres.	

Host Rock

Dominant Host Rock:	Sedimentary		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Triassic	Vancouver	Quatsino	-----
Eocene	-----	-----	Catface Intrusions
Isotopic Age	Dating Method		Material Dated
225 Ma	Fossil		Juvenile ammonites
38 +/- 14 Ma	Potassium/Argon		Biotite
Lithology:	Limestone, Granodiorite, Diopside Skarn		
Comments:	Ammonites from Alice Lake; Catface biotite from Zeballos (Geological Survey of Canada Paper 74-8).		

Geological Setting

Tectonic Belt:	Insular	Physiographic Area:	Vancouver Island Ranges
Terrane:	Wrangell, Plutonic Rocks		
Metamorphic Type:	Contact		
Grade:	Amphibolite		

Extension 5 Inventory



MINFILE Inventory Detail Report
BC Geological Survey
Ministry of Energy, Mines & Petroleum Resources

MINFILE Number: 092L 213 **Name:** EXTENSION 5 (L.1048) **Status:** Showing

Ore Zone/ Year/Report On	Tonnage/ Category	Commodity	Grade	Reference/ Comments
SKARN		Silver	44.5800 g/t	Sample CZ 105-83, high grade selected sample. Assessment Report 12077, page 10 and Figure 4.
	Assay/analysis	Gold	0.5800 g/t	
1983 N	Chip	Copper	6.1800 %	

Zeballos Dolomite Showing



Location/Identification

MINFILE Number: 092L 214 National Mineral Inventory Number: 092L2 Doll
 Name(s): **ZEBALLOS DOLOMITE**
 CENTRAL ZEBALLOS
 Status: Showing Mining Division: Alberni
 Electoral District: North Island
 Forest District: Campbell River Forest District
 Regions: British Columbia, Vancouver Island
 BCGS Map: 092L007
 NTS Map: 092L02W UTM Zone: 09 (NAD 83)
 Latitude: 50 02 29 N Northing: 5545578
 Longitude: 126 47 15 W Easting: 658420
 Elevation: 200 metres
 Location Accuracy: Within 500M
 Comments: Location of 900 adit on Bibb Creek, Lot 1047 (from Bulletin 27, Figure 2) is 650 metres south of the confluence of Nomash and Zeballos Rivers, 8 kilometres northeast of Zeballos.

Mineral Occurrence

Commodities: Dolomite, Limestone, Marble, Building Stone
 Minerals: Significant: Dolomite, Calcite
 Associated: Garnet, Diopside, Magnetite, Sulphide
 Alteration: Garnet, Diopside, Magnetite
 Alteration Comments: Along contact with intrusives.
 Alteration Type: Skarn
 Mineralization Age: Jurassic
 Deposit Character: Stratiform, Massive
 Classification: Sedimentary, Evaporite, Replacement, Industrial Min.
 Type: R10: Dolomite, R09: Limestone, R04: Dimension stone - marble
 Dimension: 2000x314x0 metres
 Comments: Limestone mass trends west for 2000 metres.

Host Rock

Dominant Host Rock: Metasedimentary

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Triassic	Vancouver	Quatsino	---
Eocene	---	---	Catface Intrusions
Isotopic Age	Dating Method	Material Dated	
---	Fossil	Various fossils	
---	---	---	

 Lithology: Limestone, Dolomite, Basaltic Flow, Quartz Diorite, Granodiorite

Geological Setting

Tectonic Belt: Insular Physiographic Area: Vancouver Island Ranges
 Terrane: Wrangell
 Metamorphic Type: Contact Relationship: Syn-mineralization
 Grade: Amphibolite

Zeballos Dolomite Inventory



MINFILE Inventory Detail Report
BC Geological Survey
Ministry of Energy, Mines & Petroleum Resources

MINFILE Number: 092L 214	Name: ZEBALLOS DOLOMITE	Status: Showing
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Ore Zone/ Year/Report On	Tonnage/ Category	Commodity	Grade	Reference/ Comments
SAMPLE		Dolomite	17.0000 %	Average across 27.4 metres. Grade given for MgO. Bulletin 27, page 47.
1950 N	Assay/analysis Chip			