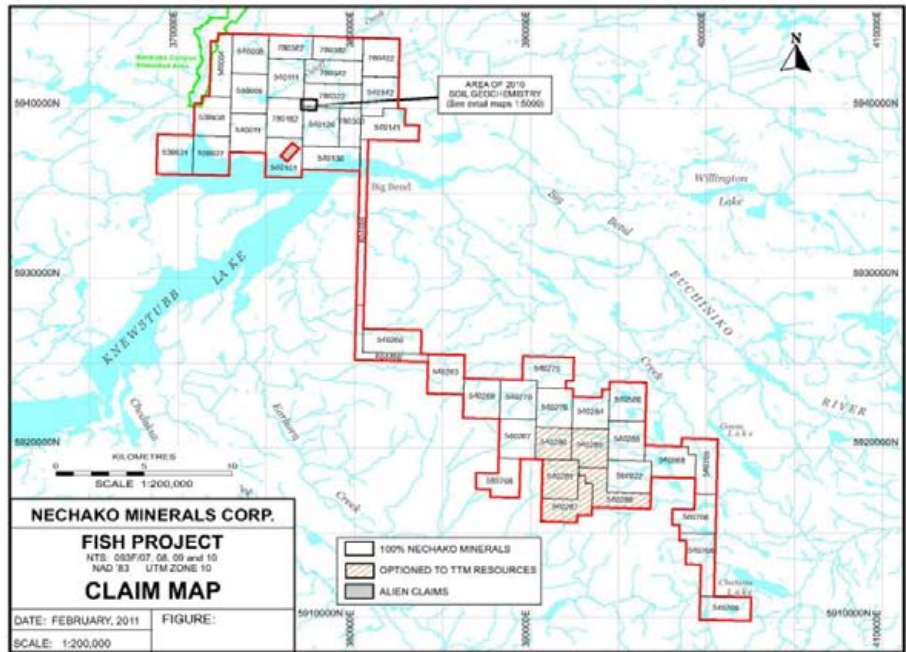


Technical Report on the Geology and Geophysics on the Fish Property

NTS Map sheets 93F/7, 9 and 10
Latitude 53° 26' N, Longitude 124°33' W
UTM 396542mE, 5921712mN
NAD83, Zone 10

**BC Geological Survey
Assessment Report
32366**



For:
NECHAKO MINERALS CORP.
Suite 600-999 W. Hastings St.
Vancouver, BC.

By:
David A. Caldwell P.Geo
165 West Oak Street
Elko NV 89801

And:
MARVIN A. MITCHELL P.ENG.
Suite 1028-470 Granville St.
Vancouver, BC.
V6C 1V5

February 10, 2010

Revised March, 14, 2011

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1.0 SUMMARY OF ASSESSMENT CREDITS TO BE APPLIED

Nechako Minerals Corp. has entered into a purchase agreement with United Exploration Management Inc. to acquire a 100% percent interest in the 55 claim 16,104.39 hectare Fish mineral property located in the Omenica Mining Division in the province of British Columbia, Canada. This report is presented as application for assessment credit to maintain the following group of claims within the overall block held under the Nechako Option:

Number	Claim Name	Staker's ID	Claim Type	MAP SHEET	DATE STAKED	EXPIRY PRIOR TO APPLYING CREDIT	HECTARAGE
539931	FISH 6	146491	Mineral	093F	2006/aug/25	2010/sep/01	480.0927
539937	FISH 11	146491	Mineral	093F	2006/aug/25	2010/sep/01	480.0932
539938	FISH 12	146491	Mineral	093F	2006/aug/25	2010/sep/01	460.6673
540004	FISH 13	146491	Mineral	093F	2006/aug/28	2010/sep/01	441.1941
540008	FISH 15	146491	Mineral	093F	2006/aug/28	2010/sep/01	479.4765
540009	FISH 16	146491	Mineral	093F	2006/aug/28	2010/sep/01	479.7105
540011	FISH 17	146491	Mineral	093F	2006/aug/28	2010/sep/01	479.9459
540101	FISH 22	146491	Mineral	093F	2006/aug/30	2010/sep/01	480.0851
540111	FISH 24	146491	Mineral	093F	2006/aug/30	2010/sep/01	479.6163
540120	FISH 31	146491	Mineral	093F	2006/aug/30	2010/sep/01	479.8972
540130	FISH 33	146491	Mineral	093F	2006/aug/30	2010/sep/01	460.8807
540141	FISH 43	146491	Mineral	093F	2006/aug/30	2010/sep/01	479.8915
540142	FISH 44	146491	Mineral	093F	2006/aug/30	2010/sep/01	441.3281
540260	FISH 62	146491	Mineral	093F	2006/sep/01	2010/sep/01	461.9222
540263	FISH 65	146491	Mineral	093F	2006/sep/01	2010/sep/01	481.363
540267	FISH 69	146491	Mineral	093F	2006/sep/01	2010/sep/01	481.7518
540269	FISH 71	146491	Mineral	093F	2006/sep/01	2010/sep/01	481.4997
540270	FISH 72	146491	Mineral	093F	2006/sep/01	2010/sep/01	481.5104
540275	FISH 77	146491	Mineral	093F	2006/sep/01	2010/sep/01	481.3482
540279	FISH 81	146491	Mineral	093F	2006/sep/01	2010/sep/01	481.5666
540280	FISH 82	146491	Mineral	093F	2006/sep/01	2010/sep/01	385.4295
540281	FISH 82	146491	Mineral	093F	2006/sep/01	2010/sep/01	482.0268
540284	FISH 85	146491	Mineral	093F	2006/sep/01	2010/sep/01	404.5298
540285	FISH 86	146491	Mineral	093F	2006/sep/01	2010/sep/01	462.5359
540286	FISH 87	146491	Mineral	093F	2006/sep/01	2010/sep/01	482.0939
540287	FISH 88	146491	Mineral	093F	2006/sep/01	2010/sep/01	462.8945
540288	FISH 89	146491	Mineral	093F	2006/sep/01	2010/sep/01	481.7631
540566	FISH 90	146491	Mineral	093F	2006/sep/06	2010/sep/01	481.5281
540568	FISH 92	146491	Mineral	093F	2006/sep/06	2010/sep/01	481.8908
540705	FISH 102	146491	Mineral	093F	2006/sep/07	2010/sep/01	462.6256
540706	FISH 103	146491	Mineral	093F	2006/sep/07	2010/sep/01	443.6484
540708	FISH 104	146491	Mineral	093F	2006/sep/07	2010/sep/01	482.4855
540709	FISH 105	146491	Mineral	093F	2006/sep/07	2010/sep/01	405.5456
604465	FISHY 1	146491	Mineral	093F	2009/may/13	2010/sep/01	403.5857
604466	FISHY 2	146491	Mineral	093F	2009/may/13	2010/sep/01	307.9701
TOTAL							16,104.39

1.0 SUMMARY

Nechako Minerals Corp. has entered into a purchase agreement with United Exploration Management Inc. to acquire a 100% percent interest in the 185 claim 87,412 hectare Fish mineral property located in the Omineca Mining Division in the province of British Columbia, Canada. During the summer of 2006 the company employed SJ Geophysics Ltd. and S.J.V. Consultants Ltd. to review and supply interpretations of the available regional magnetic and regional gravity data covering the Fish Property. In addition a series of thematic maps displaying regional geochemical data obtained from both government and industry covering the area were produced.

Upon a thorough review of the data it was concluded that two parallel faults or geological contacts trending N70°W occur within the Fish property. Crosscutting structures trending north to northeasterly and possible ring structures have been shown to occur along these two prominent faults. Coincidental with the intersections of the crosscutting faults and interpreted ring structures are anomalous geochemical values suggestive of epithermal or possibly porphyry copper-molybdenum mineralization occurring.

A Phase I \$400,000.00 3D Induced Polarization exploration program totaling 100 line kilometers was recommended and has been completed to test the interpreted intersection of faults located in the southern portion of the property proximal to the "C" showing. Contingent to the success of Phase I a phase II \$1,805,500 program consisting of ground geochemical and geophysical surveys and 3500 meters of diamond drilling is recommended. This programme is estimated to last ninety days.

2.0 INTRODUCTION AND TERMS OF REFERENCE

This technical report was initially commissioned by Nechako Minerals Corp. to summarize the geology, mineralization and regional geochemical and geophysical data of the Fish group of claims situated in the Omineca Mining Division, British Columbia, Canada and to recommend a suitable exploration program to identify and test suitable precious metal and Copper Molybdenum targets. The writer Mr. Warren Robb P. Geo. was retained by the Management of Nechako Minerals Corp. to complete a qualifying report which was prepared in conformity with guidelines presented in National Instrument 43-101 and companion documents. Author Robb conducted a personal inspection of the property between July 11 and 12th, 2007.

Nechako then entered into an agreement with TTM Resources Inc. of 202 - 750 West Pender Street Vancouver, BC V6C 2T7 on five of the Fish claims Known as the Chu Project Area.

Subsequently, Mr. Robb joined the board of TTM Minerals Corp. and Marvin A. Mitchell, P.Eng. was retained by Nechako Minerals Corp. to add the section of this report dealing with 2007 work namely, 3D geophysics. Co-author Mitchell did not visit the Fish Group of claims at the time of that update of the report but visited the Fish group of claims on October 25, 2009.

Nechako Minerals Corporation of Suite 600-999W. Hastings St Vancouver, BC. Canada is now seeking listing on the TSX Venture Exchange. Mr. Robert Fraser, President of Nechako has asked the author Marvin A. Mitchell, P.Eng. Suite 1028-470 Granville St. Vancouver BC.V6C 1V5 to prepare a NI 43-101 compliant report on the Fish group of claims. This report was prepared to aid Nechako in its effort to obtain listing.

This technical report was commissioned by Nechako Minerals Corp. to summarize the geology, mineralization and regional geochemical and geophysical data as it applies to the Fish group of

claims situated in the Omineca Mining Division, British Columbia, Canada (Figure 1) and to recommend a suitable exploration program to identify and test suitable precious metal and Copper Molybdenum targets. The writer Mr. Warren Robb P.Geol. was retained by the Management of Nechako Minerals Corp. to complete this qualifying report which has been prepared in conformity with guidelines presented in National Instrument 43-101 and companion documents. Author Robb conducted a personal inspection of the property between July 11 and 12th, 2007.

3.0 RELIANCE ON OTHER EXPERTS

The report is based primarily on published reports by the Geological Survey of Canada (“GSC”), the Geological Survey of B.C. and published Assessment Reports available from the B.C. Ministry of Energy, Mines and Petroleum Resources and private reports acquired by or provided to the author. All consulted sources are listed in the References section. The writer’s cannot guarantee the accuracy or completeness of all supporting documentation. Many of the quoted authors would be considered to be qualified persons for reliance on information for purposes of this report. In addition, the author did not attempt to determine the veracity of geochemical or assay values reported by third parties.

This report is also based on a NI 43-101 compliant report entitled Technical Report on the Geology and Geophysics on the Fish Property by Warren Robb P.Geol., with a section added by Marvin A. Mitchell, P.Eng.

The method of acquiring mineral titles (other than crown grants) has recently changed, and titles may be acquired over the internet by selection of one or more “cells, each approximately 19 hectares in size referenced to a grid in degrees, minutes and seconds of Latitude and Longitude, and subject to payment of fees and completion of assessment work or payment of cash in lieu of work.

All claims staked in British Columbia require \$4.00 worth of assessment work per hectare per year to be undertaken in years 1-3, followed by \$8.00 per hectare per year thereafter. There are no known environmental concerns or parks designated for any area contained within the claims. The property has no encumbrances. The claims have not been legally surveyed.

FIGURE: 1 LOCATION MAP



4.0 PROPERTY DESCRIPTION AND LOCATION

The Fish group of claims consists of 42 staked mineral claims using the “cell system” of Mineral Titles Online (BC) totaling approximately 18,539.63 hectares in surface area. The center of the property is situated approximately 90 kilometres by road from Vanderhoof and is bounded by Knewstubb lake of the Nechako Reservoir on the west. The property is situated on National Topographic System 1:50,000 Map sheets 93F/7, 93F/9, 93F/10 and BC Provincial 1:20,000 map sheets 093F037, 093F038, 093F039, 093F040, 093F046, 093F047, 093F048, 093F049, 093F050, 093F056, 093F057, 093F066 respectively. The geographical center of the property is 53° 26' north Latitude and 124° 33' west Longitude with corresponding UTM coordinates of 396542 mE, and 5921712 mN, NAD 83 zone 10. The property shape and boundary are displayed on Figure 2.

Details of the claims are tabled as follows:

540269	FISH 71	146491 (100%)	Mineral	Claim	093F	2006/sep/01	2010/sep/01	GOOD	481.4997
540270	FISH 72	146491 (100%)	Mineral	Claim	093F	2006/sep/01	2010/sep/01	GOOD	481.5104
540275	FISH 77	146491 (100%)	Mineral	Claim	093F	2006/sep/01	2010/sep/01	GOOD	481.3482
540279	FISH 81	146491 (100%)	Mineral	Claim	093F	2006/sep/01	2010/sep/01	GOOD	481.5666
540280	FISH 82	146491 (100%)	Mineral	Claim	093F	2006/sep/01	2010/sep/01	GOOD	385.4295
540281	FISH 82	146491 (100%)	Mineral	Claim	093F	2006/sep/01	2010/sep/01	GOOD	482.0268
540284	FISH 85	146491 (100%)	Mineral	Claim	093F	2006/sep/01	2010/sep/01	GOOD	404.5298
540285	FISH 86	146491 (100%)	Mineral	Claim	093F	2006/sep/01	2010/sep/01	GOOD	462.5359
540286	FISH 87	146491 (100%)	Mineral	Claim	093F	2006/sep/01	2010/sep/01	GOOD	482.0939
540287	FISH 88	146491 (100%)	Mineral	Claim	093F	2006/sep/01	2010/sep/01	GOOD	462.8945
540288	FISH 89	146491 (100%)	Mineral	Claim	093F	2006/sep/01	2010/sep/01	GOOD	481.7631
540566	FISH 90	146491 (100%)	Mineral	Claim	093F	2006/sep/06	2010/sep/01	GOOD	481.5281
540568	FISH 92	146491 (100%)	Mineral	Claim	093F	2006/sep/06	2010/sep/01	GOOD	481.8908
540705	FISH 102	146491 (100%)	Mineral	Claim	093F	2006/sep/07	2010/sep/01	GOOD	462.6256
540706	FISH 103	146491 (100%)	Mineral	Claim	093F	2006/sep/07	2010/sep/01	GOOD	443.6484
540708	FISH 104	146491 (100%)	Mineral	Claim	093F	2006/sep/07	2010/sep/01	GOOD	482.4855
540709	FISH 105	146491 (100%)	Mineral	Claim	093F	2006/sep/07	2010/sep/01	GOOD	405.5456

604465	FISHY1	146491 (100%)	Mineral	Claim	093F	2009/may/13	2010/sep/01	GOOD	403.5857
604466	FISHY2	146491 (100%)	Mineral	Claim	093F	2009/may/13	2010/sep/01	GOOD	307.9701
780302	BG NF2	25403 (100%)	Mineral	Claim	093F	2010/may/27	2011/may/27	GOOD	287.94
780322	BG NF3	25403 (100%)	Mineral	Claim	093F	2010/may/27	2011/may/27	GOOD	460.52
780342	BG NF4	25403 (100%)	Mineral	Claim	093F	2010/may/27	2011/may/27	GOOD	460.39
780362	BG NF5	25403 (100%)	Mineral	Claim	093F	2010/may/27	2011/may/27	GOOD	345.19
780382	BG NF6	25403 (100%)	Mineral	Claim	093F	2010/may/27	2011/may/27	GOOD	402.72
789402	BG NF6	25403 (100%)	Mineral	Claim	093F	2010/may/27	2011/may/27	GOOD	478.48

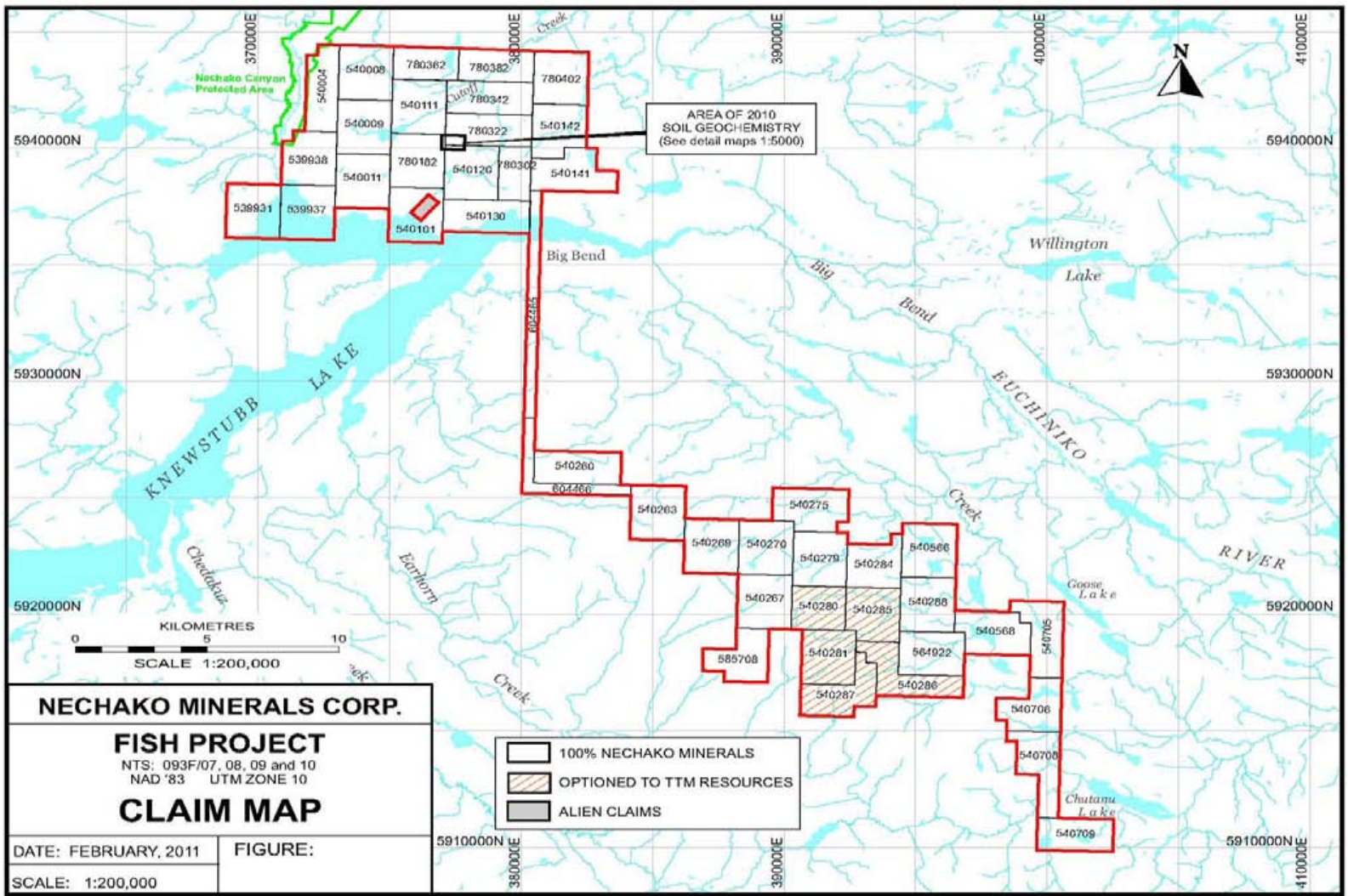


FIGURE: 2 CLAIM MAP

5.0 ACCESS, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Nechako Basin is part of the Interior Plateau of the Canadian Cordillera, comprising the Nechako Plateau north of the Blackwater River, and the Fraser Plateau south of it. The Fish property area occurs on the Nechako plateau which maintains a fairly constant overall elevation, but can be quite dissected at the local scale in a distinctive basin and range (horst and graben) topography producing more abundant outcrop than in the south area. Elevations vary from 1,417 m at the top of Deerhorn Hill to 715m on François Lake.

Access to and throughout the property is good. Major highways border the Nechako Basin: to the north (Hwy. 16), the east (Hwy. 97). More locally, access to the property is via Vanderhoof, then 90 kilometers south along the Kenny dam road to the Kenny dam. From this point access to the property is by the 500 and Kluskus-Ootsa forest service road.

The main economic activity in the area is logging. There are a few ranches along the lower Nechako River and some farming northwest of Cheslatta Lake in the Takysie-Grassy Plains area. Tourism is a minor activity and consists mostly of fishing and, in the fall, hunting. Vegetation is dominated by evergreens (pine and spruce) with poplar and cottonwood in low-lying areas. The climate is typical of central British Columbia with below freezing temperatures (0° C to -40° C) from November to April and periods of hot weather in the summer ranging from 20° to 40° C. Precipitation averages 427.8 millimetres a year, with a substantial portion in the form of snow averaging 90.5 centimetres per year.

The region has been severely damaged by infestations of the Rocky Mountain Pine beetle. Vast areas have been affected by this insect which has killed large stands of commercial timber. Because of these infestations forest fires may pose a threat to exploration activities during the summer months. Along the Nechako Reservoir, any area below 300 metres ASL is potentially liable to be flooded with no compensation.

At the date of this report, Nechako Minerals Corp. has received its permits for ongoing ground exploration including I.P. geophysical surveys with the BC Ministry of Energy, Mines and Petroleum Resources.

The company has made initial contact with members of the Carrier Sekani and the Nazko Indian band first nations who have made claims to the ground covering the Fish property. At present neither band has expressed concern with the exploration programs of the company.

6.0 HISTORY

The Fish claim area has been investigated by several regional exploration programs dating back to the 1960's. Early on most of the work was concentrated on exploring for copper-molybdenum mineralization. By the 1980's, the interior plateau region of central British Columbia was recognized to have comparable structural and lithological characteristics to gold producing regions in the basin and range structural province in Nevada. Exploration intensified in the area during the late 1980's and early to mid 1990's. Several major mining companies including Rio Tinto, Kennecott, Cogema Resources, Granges, Asarco and Phelps Dodge Corporation of Canada conducted gold and base metal exploration programs in the region. Exploration was greatly aided by regional studies conducted by both the Geological Survey of Canada conducting aeromagnetic surveys and the Province of British Columbia's regional lake sediment and water geochemistry surveys completed in 1994.

Two areas of the property were the focus of past exploration programs, the northern area the focus was on epithermal gold and work concentrated around the Trout and Stubb mineral showings, while in the south exploration efforts concentrated on base and precious metals in and around the Chu, Ben, C, April showings. A brief description of the exploration programs conducted by the major mining companies is summarized below:

NORTH AREA

1992-1994 Cogema Resources Ltd.

In 1992 Cogema Resources began exploring the area by conducting a regional till geochemical and prospecting program covering the entire Nechako Basin. Results from this work led to the company acquiring several mineral claims by staking throughout the area, specifically the Cutoff claims. In 1993 an airborne magnetometer and electromagnetic survey covering the cutoff property totaling 377 line-kilometres was completed. In the summer of that year follow up prospecting, geological mapping and till geochemistry surveys were conducted over the property. Eleven diamond drillholes totalling 1221 metres were completed in 1994.

1995-1997 Phelps Dodge Corporation of Canada

Phelps Dodge purchased Cogema's land package in the area in late 1994. Between 1995 and 1997 Phelps Dodge exploration work on the cutoff consisted of soil geochemical surveys where a total of 1025 soil samples, 426 rocks samples were collected. In addition 10.2 kilometers of Induced Polarization surveys were completed in 1996. In 1997 diamond drilling totaling 615.4 meters in 4 holes were completed.

SOUTH AREA

1969 -1975 Rio Tinto

Conducted exploration on the C to Z claims covering what is now the "C" showing. During this period Rio Tinto conducted 122 square miles of airborne mag and EM surveys, 25 line kilometers of ground Magnetometers surveys, 13 line kilometers of Induced polarization surveys, and collected 1272 soil samples.

1990-1991 Placer Dome

Conducted exploration covering the CH10-16 claims in the vicinity of the "C" mineral showing. During this time Placer Dome collected 789 soil samples and conducted 82 line kilometers of magnetometer and VLF-EM surveys.

Government Programs

The first recorded work done in the area was a Geological Survey of Canada mapping program, led by H. W. Tipper in 1949. The results of this program were published in GSC Memoir 324 (Tipper, 1963). The government has been active in the area, mapping bedrock and surficial deposits of the NTS 93F/3 and portions covering the 93F/2 and 92F/3 map sheets, good coverage of map sheets 93F/11, 12, 13, and 14 with a lake sediment geochemical survey. The BC Geological Survey also did miscellaneous detailed surveys of showings and geochemical anomalies within the area. The Geological Survey of Canada flew an airborne magnetic survey covering most or all of the gap from 53°15' to 51°15' north latitude and from the Fraser River to the Coast Range.

7.0 GEOLOGIC SETTING

7.1 REGIONAL GEOLOGY

The following is excerpted from a report by Warren Robb, p.geo entitled Technical Report on the Geology and Geophysics on the Fish Property dated July 28, 2007, amended April 14, 2008 by Marvin A. Mitchell, P.Eng.

“The Tertiary geologic elements of the Nechako Plateau area are part of a regional extensional system that extends from the Republic area of northern Washington State, northwesterly for some 1000 kilometres into the Babine district of north-central British Columbia. This belt trends northwest with the approximate dimensions of 1000 X 200 kilometres. It crosses all major terrane boundaries and underlies the Quesnel, Kootenay and Omineca Terranes in the south and the Stikine Terrane in the north, crossing the oceanic Cache Creek Group. It overlaps the southern margin of the Bowser Basin where it continues northward as a thin strip along the eastern margin of the Coast Range.

Stratigraphic and intrusive rocks in the Stikine Terrane range in age from Paleozoic to Pleistocene (Figure 3). With respect to the Eocene mineral setting, the geologic elements of the Stikine Terrane may be divided into three separate packages: basement rocks, later Upper Cretaceous-Eocene rocks associated with mineralization, and cover rocks (Table 2).

Table 2. Main Geologic Map Units of the Nechako Basin

Stratified Rocks		Intrusive and Metamorphic Rocks	
11. Anahim (Pliocene-Pleistocene)		Volcanics	
10. Chilcotin (Miocene)		Volcanics	
9. Endako (Eocene-Oligocene)		Group	
8. Ootsa Lake (Eocene and Paleocene)		Group	G. Eocene (stocks, plugs, dykes, rhyolite, felsite, porphyry, diorite, gabbro)
7. Kasalka-Kingsvale (Upper Cretaceous)		Groups	F. Upper Cretaceous-Paleocene (Quanchus Intrusions: stocks and batholiths, diorite to quartz monzonite)
6. Skeena-Jackass Mountain Groups (Lower Cretaceous)			E. Mid-Cretaceous (mainly tonalite to quartz monzonite of Coast Range complex)
5. Gambier (Upper Jurassic-Lower Cretaceous)		Group	D. Jurassic-Cretaceous (François Lake Batholith; quartz diorite to granite, includes quartz-feldspar porphyry)
4. Relay Mountain-Bowser (Upper Jurassic-Lower Cretaceous)		Groups	

Stratified Rocks		Intrusive and Metamorphic Rocks	
ceous)			
3. Hazelton (Lower and Middle Jurassic)	Group	C. Middle (locally foliated granodiorite and quartz monzonite)	Jurassic
2. Stuhini (Upper Triassic)	Group		
1. Cache Creek (Upper Palaeozoic)	Group	B. Permian (mainly granodiorite in lower Chilcotin River)	
		A. Metamorphic (gneiss, schist, metavolcanics, cataclastic sites)	Rocks

Basement Rocks - Lower Upper Cretaceous and Older

Basement rocks to the Tertiary in the Stikine Terrane comprise Upper Paleozoic to lower Upper Cretaceous strata grouped into two major time-stratigraphic assemblages.

The oldest assemblage consists of arc volcanics of Upper Paleozoic to Middle Jurassic age which includes limestone, volcanics and sediments of the Upper Paleozoic Cache Creek Assemblage, submarine and marine island arc volcanics and sediments of the Carnian to Norian subalkaline, basaltic Stuhini (Takla) Group, and the Sinemurian to Bajocian calc-alkaline Hazelton Group.

The arc volcanic assemblages are overlain by two sedimentary assemblages, the Middle Jurassic to Lower Cretaceous Bowser Lake Group and the Lower and Upper Cretaceous Skeena Group. Deltaic assemblages of the Bowser Lake Group were deposited mainly in the Bowser Basin to the north of the Nechako reconnaissance area, except for its basal beds. These basal beds belong to the Ashman Formation and represent a black clastic-chert pebble conglomerate unit that covers much of the Stikine Terrane. Marine and nonmarine sediments of the Neocomian to Cenomanian Skeena and Jackass Mountain Groups blanketed much of the Stikine Terrane and sourced from the east, off the Cache Creek, Quesnel and Omineca Terranes. The blanket of Skeena Group clastics across Stikinia outlines a regional datum to which deformation and deposition of younger strata may be related. This surface represents one of three main erosional surfaces in central BC.

the Ootsa Lake Group and the early Endako Group are mapped as separate entities, the interval of their coincidence in space and time infers a genetic relationship.

Post-Ootsa Lake Group basaltic volcanism occurred intermittently throughout the area, from 45 My to Recent. (Mathews, 1984 and 1989; Rouse, 1988). Basaltic volcanics younger than 35 My are correlated with the Chilcotin Group. Felsic volcanics are known to be locally associated with intervals of this basalt event but no significant centre has yet been recognized.

Pliocene-Pleistocene

Outcrops of the Anahim Group peralkaline basalts have been observed in two locations of the South area: west of Nazko, a 3-km wide cinder cone overlies glacial till, and a few outcrops were found in the Moore Creek area.

"During the Pleistocene all of Central British Columbia was covered by glacier ice that molded a multitude of features from which the glacial events can be interpreted" (Tipper, 1971). The bulk of glacial features in Central British Columbia have been produced by the Fraser Glaciation, the last major advance. Minor late re-advances are observed around the Anahim volcanoes and along the Coast Ranges.

Within the study area glacial transport direction varies from N 0° to 30°, south of the Blackwater lineament, to N 60° to 90° north of it. Glacial deposits consist mostly of lodgement till with some areas of ablation till, esker systems, and fluvio-glacial material. A thin veneer of ablation till may occasionally overlie lodgement till. There are no extensive glacial lake deposits (sands and clays). Evidence of multiple glaciation has been observed in a few localities in the form of lodgement till overlying fluvio-glacial deposits.

7.2 REGIONAL STRUCTURE

The Nechako Basin is within the Intermontane Belt of the Canadian Cordillera, mainly on the Stikinia Terrane, but overlapping onto the Cache Creek Terrane. *"A regional dextral transcurrent strain regime appears to have been important in the evolution of early Cenozoic structures in the southern part of the Intermontane Belt . . . These structures have been related to right lateral transform motions and to regional extension"* (Gabrielse et al., 1992). This regime resulted in alternating basins and arches along the Intermontane Belt: Nechako Basin, Skeena Arch, Bowser Basin, Stikine Arch (Figure 4). The Nechako Basin can be assimilated to a pull-apart basin formed between the Fraser River Fault System and the Coast Range Mega lineament or one of its parallel structures extending north from the Yalakom Fault. The internal structure of the Nechako Basin reflects the same structural regime.

The depositional environment/geological setting of this type of deposit is generally in high-level hydrothermal systems from depths of ~1 km to surficial hot spring settings (Figure 5). The deposits are hosted in regional-scale fracture systems related to grabens, (resurgent) calderas, flow-dome complexes and rarely, maar diatremes. Extensional structures in volcanic fields (normal faults, fault splays, ladder veins and cymoid loops, etc.) are common, and locally graben or caldera-fill clastic rocks are present. High-level (subvolcanic) stocks and/or dikes and pebble breccia diatremes occur in some areas. Locally resurgent or domal structures are related to underlying intrusive bodies.

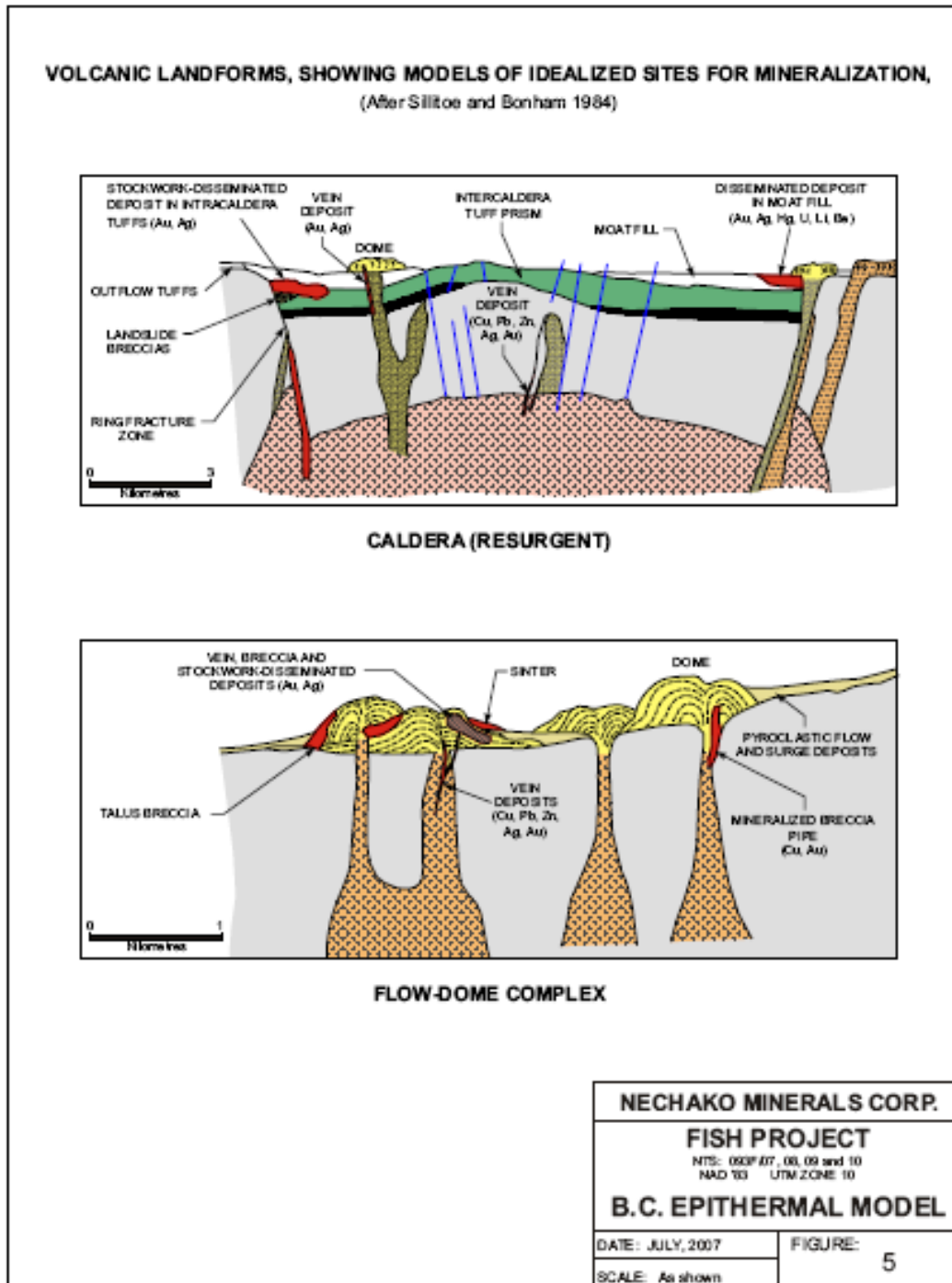
Host lithologies can include most types of volcanic rocks, but calcalkaline andesitic compositions predominate. Some deposits occur in areas with bimodal volcanism and extensive subaerial ashflow deposits. A less common association is with alkalic intrusive rocks and shoshonitic volcanics.

The mineralized zones are typically localized in structures, but may occur in permeable lithologies. Upward-flaring mineralized zones centred on structurally controlled hydrothermal conduits are typical. Large (> 1 m wide and hundreds of metres in strike length) to small veins and stockworks are common with lesser disseminations and replacements. Vein systems can be laterally extensive but ore shoots have relatively restricted vertical extent. High-grade ores are commonly found in dilational zones in faults at flexures, splays and in cymoid loops. Typically the veins display textures including open-space filling, symmetrical and other layering, crustification, comb structure, colloform banding and multiple brecciation. The veins generally consist of quartz, amethyst, chalcedony, quartz pseudomorphs after calcite, calcite, adularia, sericite, barite, fluorite, and Ca-Mg-Mn-Fe carbonate minerals such as rhodochrosite, hematite and chlorite.

The predominant minerals in these types of deposits include pyrite, electrum, gold, silver, and argentite with lesser amount of chalcopyrite, sphalerite, galena, tetrahedrite, silver sulphosalt and/or selenide minerals. Deposits can be strongly zoned along strike and vertically. Deposits are commonly zoned vertically over 250 to 350 m from a base metal poor, Au-Ag-rich top to a relatively Ag-rich base metal zone and an underlying base metal rich zone grading at depth into a sparse base metal, pyritic zone. From surface to depth, metal zones contain: Au-Ag-As-Sb-Hg, Au-Ag-Pb-Zn-Cu, and Ag-Pb-Zn. In alkalic host rocks tellurides, V-mica (roscoelite) and fluorite may be abundant, with lesser molybdenite.

Silicification is extensive in ores as multiple generations of quartz and chalcedony are commonly accompanied by adularia and calcite. Pervasive silicification in vein envelopes is flanked by sericite-illite-kaolinite assemblages. Intermediate argillic alteration [kaolinite-illite-montmorillonite (smectite)] forms adjacent to some veins; advanced argillic alteration (kaolinite-alunite) may form along the tops of mineralized zones. Propylitic alteration dominates at depth and peripherally.

FIGURE: 5 EPITHERMAL MODEL



In some districts the epithermal mineralization is tied to a specific metallogenic event, either structural, magmatic, or both. The veins are emplaced within a restricted stratigraphic interval generally within 1 km of the paleosurface. Mineralization near surface takes place in hot spring systems, or the deeper underlying hydrothermal conduits. At greater depth it can be postulated to occur above or peripheral to, porphyry and possibly skarn mineralization. Normal faults, margins of grabens, coarse clastic caldera moat-fill units, radial and ring dike fracture sets and

both hydrothermal and tectonic breccias are all ore fluid channeling structures. Through-going, branching, bifurcating, anastomosing and intersecting fracture systems are commonly mineralized. Ore shoots form where dilational openings and cymoid loops develop, typically where the strike or dip of veins change. Hangingwall fractures in mineralized structures are particularly favourable for high-grade ore.

These deposits form in both subaerial, predominantly felsic, volcanic fields in extensional and strike-slip structural regimes and island arc or continental andesitic stratovolcanoes above active subduction zones (figure 5a). Near-surface hydrothermal systems, ranging from hot spring at surface to deeper, structurally and permeability focused fluid flow zones are the sites of mineralization. The ore fluids are relatively dilute and cool solutions that are mixtures of magmatic and meteoric fluids. Mineral deposition takes place as the solutions undergo cooling and degassing by fluid mixing, boiling and decompression.

The flowing description is taken almost verbatim from a paper entitled Porphyry Deposits by W.D. Sinclair for the geological survey of Canada.

The most applicable genetic model for porphyry deposits is a magmatic-hydrothermal one, or variations thereupon, in which the ore metals were derived from temporally and genetically related intrusions. Large polyphase hydrothermal systems developed within and above genetically-related intrusions and commonly interacted with meteoric fluids (and possibly seawater) on their tops and peripheries. During the waning stages of hydrothermal activity, the magmatic-hydrothermal systems collapsed inward upon themselves and were replaced by waters of dominantly meteoric origin. Redistribution, and possibly further concentration of metals, occurred in some deposits during these waning stages. Porphyry deposits occur in a variety of tectonic settings.

Porphyry Cu deposits typically occur in the root zones of andesitic stratovolcanoes in subduction-related, continental and island-arc settings see figure 5A (Mitchell and Garson, 1972; Sillitoe, 1973, 1988a; Sillitoe and Bonham, 1984). Porphyry Cu-Au deposits, such as those associated with Triassic and Lower Jurassic silica-saturated, alkaline intrusions in British Columbia, formed in an island-arc setting, although possibly during periods of extension.

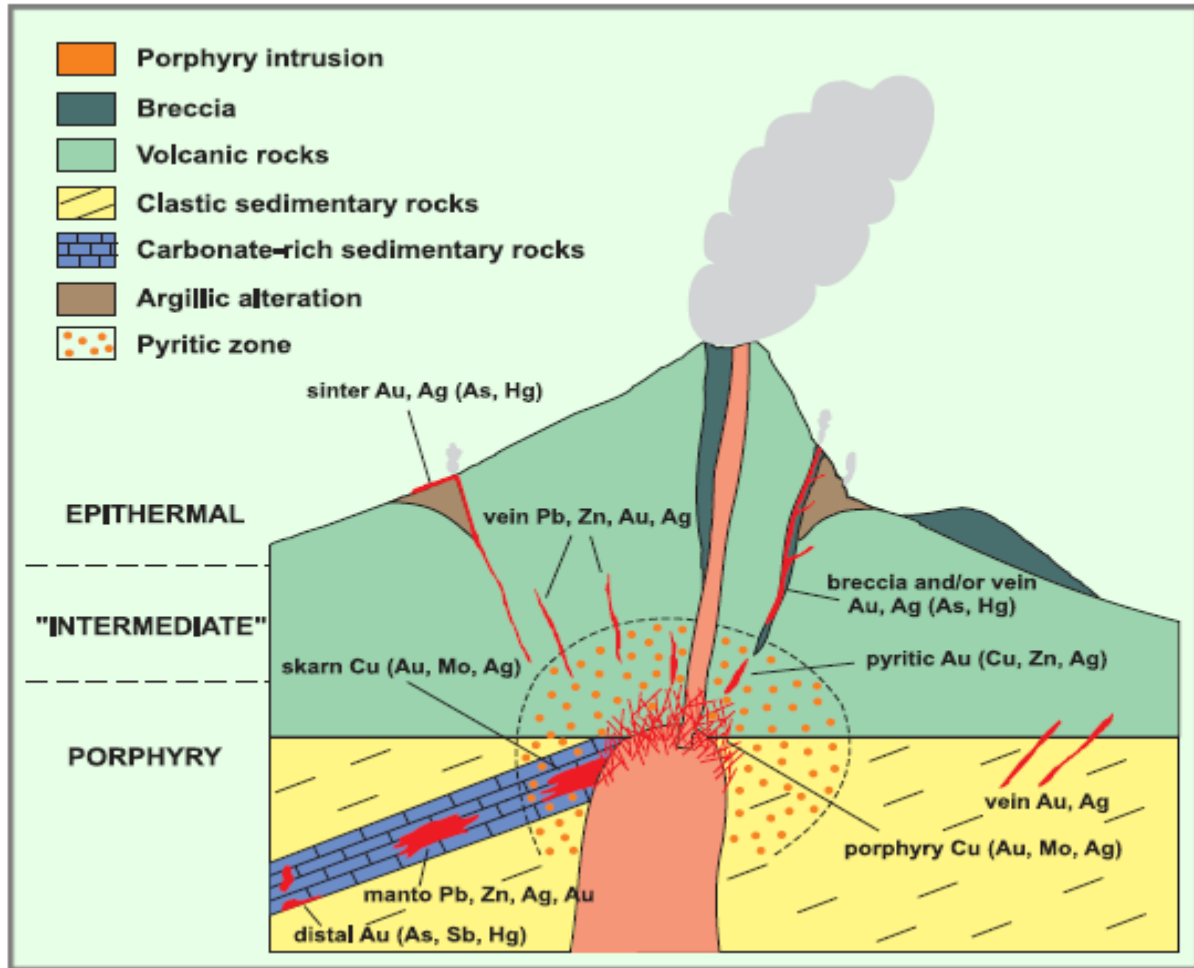


FIGURE: 5A PORPHYRY MODEL

Schematic diagram of a porphyry Cu- Mo in the roots zone of an andesitic stratovolcano showing mineral zonation and possible relationship to skarn, Manto, “mesothermal” or “intermediate” precious-metal and base-metal vein and replacement, and epithermal precious metal deposits. (after Sinclair)

9.0 MINERALIZATION

The following Mineral showings occur on the Fish property descriptions are summarized from the BC Minfile database and from various company reports.

STUBB NORTH

In the North part of the claims the Stubb Anomalous Area extends for a length of some 3 km from the shore of Knewstubb Lake to the Northeast and has a width of several 100 metres. Three showings have been found in place, the Stubb South, Stubb North and Osprey showings, in addition to boulder trains and till geochemical anomalies. The best mineralization identified is the Stubb South showing which underlies an area of some 1000 by 300 m between the main haul road and Knewstubb Lake. Anomalous and highly anomalous gold values occurs throughout the Stubb South area are associated with quartz veins, stringers, stockworks and breccia fillings hosted in strong propylite altered feldspar porphyry, granodiorite and sediments. Values

up to 4.3 g/t Au have been noted. Strong gold values occur in both quartz rich rocks and in the propylite altered rocks. Indications of the existence of a showing was noted in late 1992 from prospecting float boulders and was discovered in place in 1993. Other propylite alteration zones and gold-bearing float boulders were noted within the Stubb anomalous zone with values in excess of 5 g/t Au.

There are other areas with mineralization on the claims. A cobble of proximal nature containing very highly anomalous gold (34 g/t) from an epithermal setting was located south of Fish Lake. In the upper part of Cutoff Creek anomalous gold (to 0.6 g/t) was noted in a quartz-carbonate alteration system within a prominent linear valley (Lalinear showing). Epithermal silica with weak anomalous gold values were noted in association with kaolin altered and silica flooded Tertiary sedimentary rocks in the Goldfish area. Anomalous gold and copper mineralization has been noted associated with the regionally propylite altered Canyon Creek volcanics.

“C” BC MINFILE # 093F 004

The region in which the C showing occurs is within the Inter- montane Belt, underlain dominantly by Lower to Middle Jurassic volcanic and sedimentary rocks of the Hazelton Group. These assemblages are overlain by the Upper Cretaceous to Lower Tertiary Ootsa Lake Group and Miocene plateau basalts. Intruding Lower Jurassic rocks of the Hazelton Group in the northeastern part of the map sheet is a belt of granodiorite, diorite and quartz diorite plutons of the Lower Jurassic Topley intrusive suite. Felsic plutons of probable Cretaceous age intrude both Lower and Middle Jurassic Hazelton strata. The C showing comprises molybdenite with minor chalcopyrite, pyrite and pyrrhotite in Jurassic Hazelton Group rhyolite and andesite near the contact with a Cretaceous granodiorite pluton.

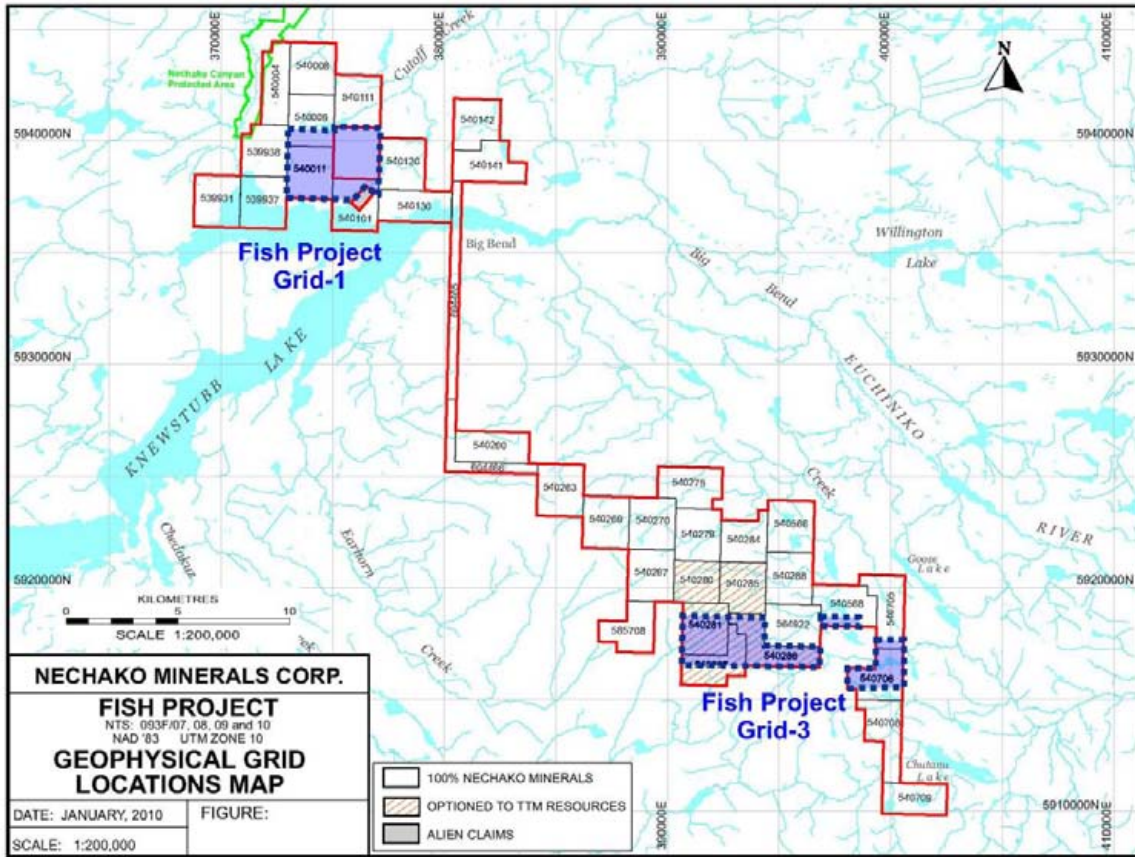
10.0 EXPLORATION

The 2006 exploration program undertaken by the company consisted of a regional study and reprocessing of the existing Government geophysical data. The company employed consultants from SJ Geophysics and SJV Consultants of Delta, BC to reprocess airborne magnetic, gravity and geochemical data covering the Fish and Alexis Projects and to offer their conclusions and recommendations to aid the company in its exploration programs. The full reports produced by SJ Geophysics appear in Appendix I. The following is a summary of the reports.

10.1 RESULTS

The government gravity map figure 6 is based on data gathered at 2000m grid intervals and is consequently reflecting very large, deep structures. The Fish property is positioned over a cluster of moderate gravity highs located near the northern end of a regional gravity low. This cluster is part of a west-northwesterly oriented regional lineation which is also evident in the magnetic data. Localized discontinuities and offsets suggest the area might also be intersected by NNE to NE trending faults. Some of the gravity anomalies form a “horseshoe” shaped pattern, which is open to the northeast. These localized gravity highs extend from 5 to 8 kilometres across, suggesting that the source bodies may occur on the order of 1 to 2 kilometres depth. Four Minfile occurrences (Chu, April, Ben and C) in the SE corner of the property occur between two of these small gravity highs.

Figure 2 SURVEY GRIDS



Grid 1 was located along the north shore of Knewstubb Lake, approximately 96km southwest of Vanderhoof. Accommodation was at Nechako Lodge for the first portion in October and at Kluskus camp for the second part in December. Access was either by Kenney Dam Road or Kluskus FSR until the turn-off at kilometer 73.

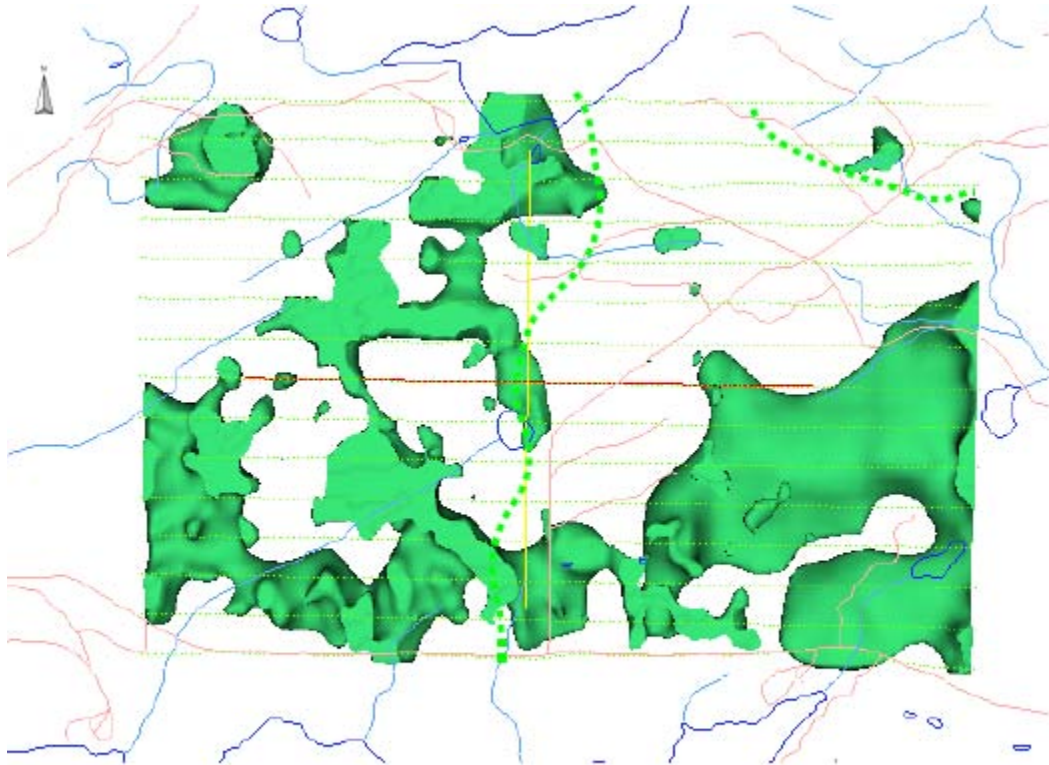


Figure 6: 3D Perspective Plots of Simplified Chargeability Inversion Model

High chargeability features with values > 5.5ms are shown in green, bold dashed lines in green color denote the resistivity contacts.

situated in the southeast of the model. It is difficult for the resistivity inversion to resolve the fault structure due to the very low background resistivity and poor model resolution. The resistivity feature is sensitive to the variation of the resistivity value. However, the chargeability response may be related to the epithermal type of mineral deposit in the area which implies that the chargeability anomalies may be fault/thrust structure controlled. The regional geology indicates the existence of both northwest and northeast series of faults across the survey grid which may control the distribution of mineralization. Figure 7 below shows more views of the resistivity and chargeability features.

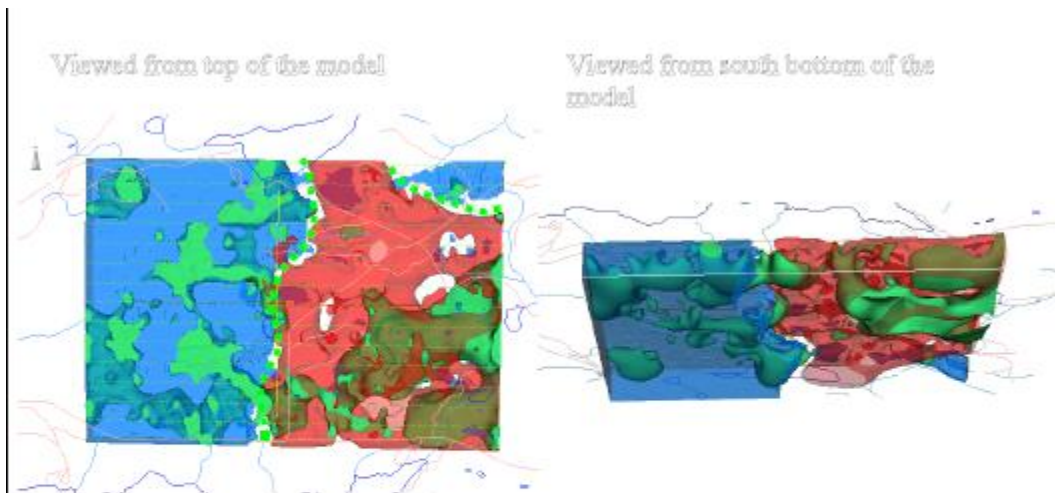


Figure 7: 3D Perspective Plots of Simplified Inversion Models

Relatively high resistivity units, with values $>150\text{Ohm}\cdot\text{m}$, are displayed in red, every low resistivity units, with values $<80\text{Ohm}\cdot\text{m}$ are shown in blue color; High chargeability features, with values $>5.5\text{ms}$ are shown in green, bold dashed lines in green color denote the resistivity contacts.

GRID 3

Grid 3 is located in the south central part of the Fish properties. The survey grid covered an area of about 2km X 8km. The western and central portions of the grid is characterized by a very high chargeability response with chargeability values greater than 30ms. A geological explanation is required for the strong chargeability response in this area. Figures 8 and 9 are the plan maps at depth of 200m below surface, showing the resistivity and chargeability features respectively. The area denoted by white hatched lines has the inverted resistivity values greater than 500 Ohm.m. The resistivity and chargeability responses on the survey area could be grouped into three zones. Zone 1, situated in the south central portion of the grid, has very low resistivity values but a very high chargeability response. Zone 2, wrapping around zone 1, has both relatively high resistivity and very high chargeability response. Zone 3, likely to be the outer zone, is characterized by both low resistivity and low chargeability features.

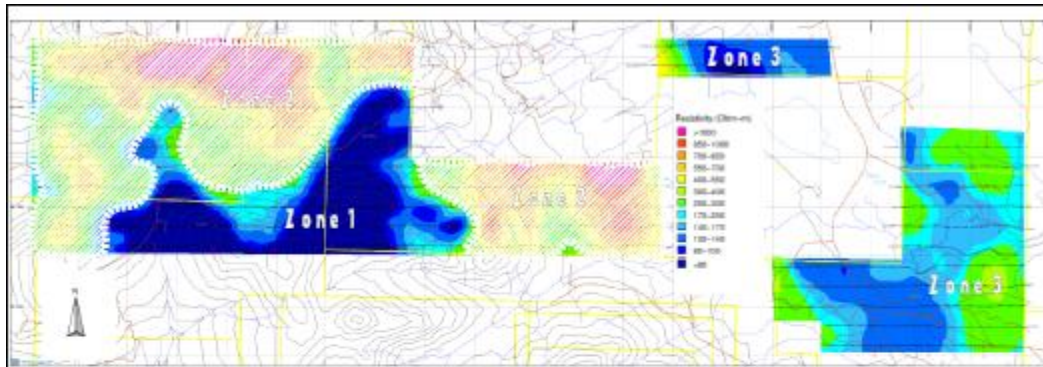


Figure 8: 3D IP Interpreted Resistivity Plot at 200m below Topography

Bold dashed lines in white outline the resistivity features with approximately cut off values of 500Ohm.m

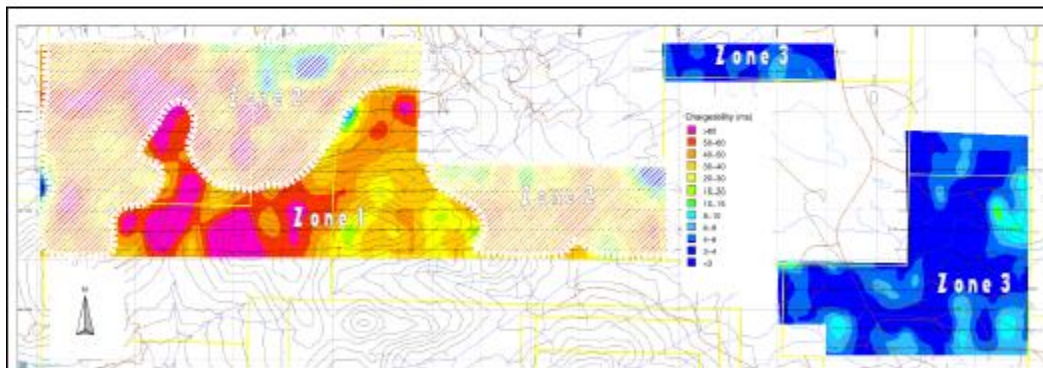
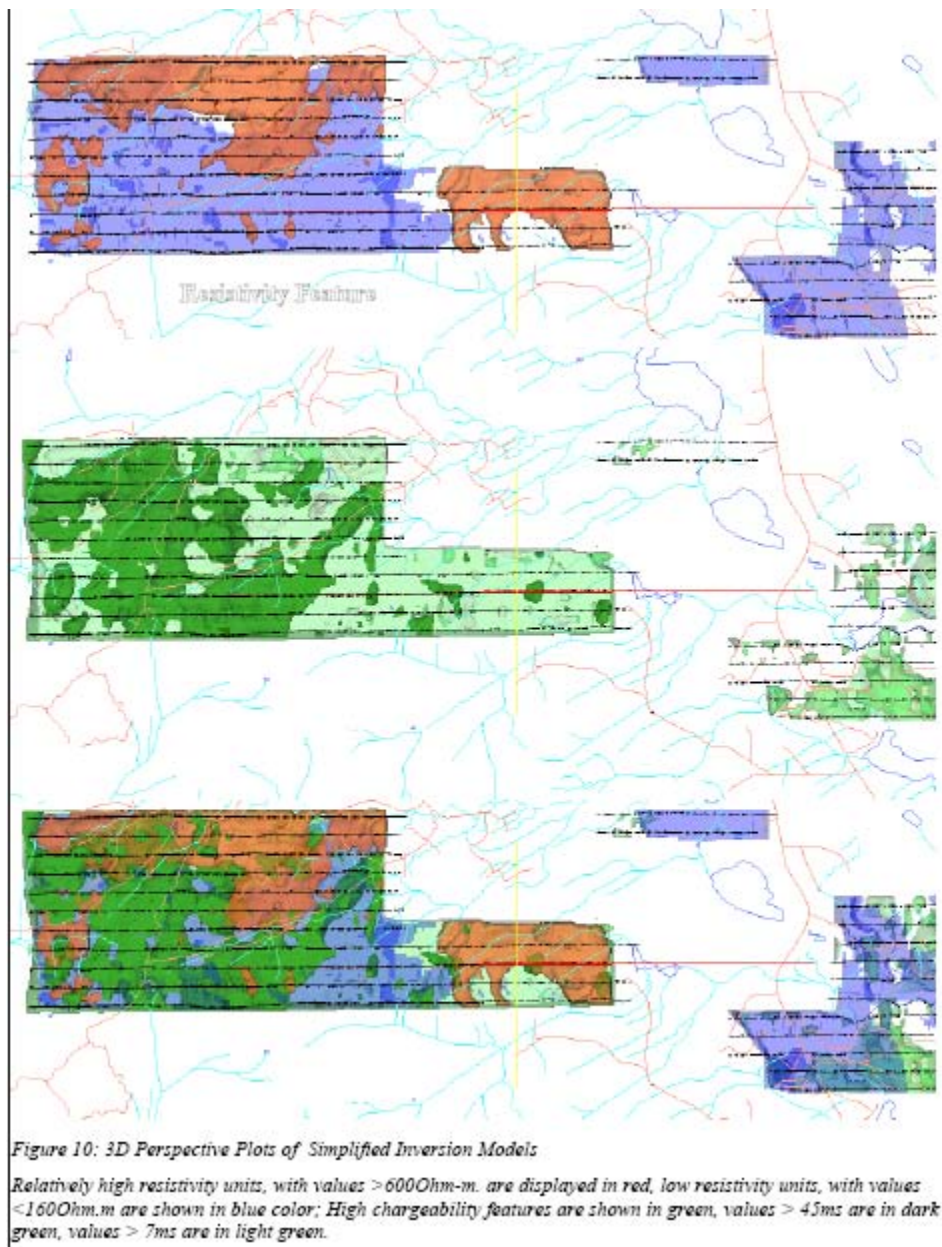


Figure 9: 3D IP Interpreted Chargeability Plot at 200m below Topography

Bold dashed lines in white outline the resistivity features with approximately cut off values of 500Ohm.m

Figure 10 shows more 3D views of the resistivity and chargeability features.



CONCLUSIONS AND RECOMMENDATIONS

On grid 1, there is one north south trending resistivity contact which separates the grid into eastern and western parts with low and high resistivity values respectively. The chargeability anomalies are constrained in shape and north-east trending lineaments which suggest that the mineralization might be controlled by fault/alteration structure. Ground magnetic survey is suggested to further delineate the geological structure. The chargeability anomalies are the targets of interest. On grid 3, the IP responses could be grouped into three zones. More exploration work is suggested to understand the IP pattern, especially the low resistivity unit with a very high chargeability feature in the south central of the west block. The IP features of zone 3 is

similar to those on Grid 1. Again, ground magnetic survey is suggested. Magnetic data could be used to help identify faults/alteration zones or intrusions.

Detailed geology mapping and geochemical sampling are suggested in the two areas to have a better understanding of the relation between IP anomalies and mineral deposit. A detailed compilation of all geological, geochemical and geophysical data sets should be carried out to provide a full interpretation of the property. The drill targets or the area of interest could be outlined by the overlap area with both chargeability anomalies and geochemical anomalies under the geological structural frame work. A two phase drilling program is suggested across the area in the outlined area of interest. The purpose of phase one drilling is to assist in geological mapping and determine the relationship of the chargeable material with mineralization, especially the very high chargeability response in the western part of the grid. Phase two drilling is designed to intersect with the mineral sought and to assess the distribution of the mineralization.”

12.0 COST OF WORK DONE BY NECHAKO

The following Figures were supplied by Nechako minerals Ltd.

Date	Comment	Source #	JE#	Debits
02-15-2007	Nicholson & Associates	07GNI-024	J74	6,354.34
02-28-2007	Nicholson & Associates	07GNI-031	J75	9,318.84
03-15-2007	Nicholson & Associates	07GNI-044	J76	21,746.64
03-31-2007	Nicholson & Associates	07GNI-056	J77	7,786.63
05-15-2007	Nicholson & Associates	07GNI-086	J78	1,475.00
07-15-2007	Nicholson & Associates	07GNI-106	J283	2,520.00
				49,201.45
07-16-2007	Warren Robb			680.49
08-23-2007	Warren Robb	110095451	J288	3,172.40
07-31-2007	Warren Robb	JU107-41	J289	6,289.00
09-07-2007	POVWORKS	090707	J292	48.15
08-02-2007	695809B.C.Ltd.(R. Krause)	07-18	J357	900.00
09-13-2007	695809B.C.Ltd.(R. Krause)	07-23	J359	3,509.44
09-07-2007	Warren Robb	ES10	J366	5,000.00
10-15-2007	695809B.C.Ltd.(R. Krause)	07-24	J417	1,430.00
10-15-2007	695809B.C.Ltd.(R. Krause)	07-25	J418	10,626.96
10-15-2007	Canadian Forest Products Ltd	Nec-207	J432	10,560.00
10-24-2007	SJ Geophysics Ltd	SJ07681	J446	54,392.46
10-24-2007	SJ Geophysics Ltd	SJ07682	J447	36,283.15
10-26-2007	Ridge Resources	07-34	J464	55,533.28
11-05-2007	Wesley Raven	11052007	J466	8,813.06
09-30-2007	Geodrafting Services Ltd	2488	J470	286.90
10-15-2007	Nicholson & Associates	07GNI-186	J524	29,504.49
10-15-2007	Nicholson & Associates	07GNI-202	J525	32,131.00
11-05-2007	Canadian Forest Products Ltd	Nec-208	J526	33,907.50
11-16-2007	Canadian Forest Products Ltd	Nec-209	J541	20,625.00
11-16-2007	SJ Geophysics Ltd	SJ07698	J542	40,728.04
11-15-2007	Nicholson & Associates	07GNI-208	J543	25,567.71
11-20-2007	695809B.C.Ltd.(R. Krause)	07-29	J544	8,081.96
11-22-2007	Ridge Resources	07-37	J548	31,770.54
11-09-2007	SJ Geophysics Ltd	SJ07692	J561	46,328.92
11-09-2007	SJ Geophysics Ltd	SJ07691	J562	40,533.63
11-23-2007	S.J.V. Consultants Ltd.	SJV07086	J563	880.00
11-30-2007	Minister of Energy	1196	J604	500.00
11-30-2007	Bob Fraser Exp Reports	BG	J613	6,038.11
				3,600.00
	Canadian Forest Products Ltd			12,457.50
	NechakoLodge			11,338.49
	AdjustSJGeo-BKTogetamount			to come

				541,518.18
Date	Comment	Source#	JE#	Debits
12-01-2007	CanadianForestProductsLtd	Nec-210	J6	12,457.50
12-01-2007	#1091WarrenRobb	YE02	J28	680.49
12-01-2007	DustinHicks	YE03	J29	3,600.00
12-01-2007	695809BCA/P	YE11	J37	9,193.25
12-02-2007	GeodraftingServicesLtd	2523	J7	75.00
12-05-2007	SJGeophysicsLtd	SJ07703	J200	41,102.30
12-07-2007	695809B.C.Ltd.(R.Krause)	Exp.Dec/07	J25	2,145.24
12-20-2007	RidgeResources	07-41	J139	20,143.26
12-21-2007	CanadianForestProductsLtd	Nee-212	J24	1,155.00
12-31-2007	CanadianForestProductsLtd	Nec-211	J51	11,632.50
01-16-2008	SJGeophysicsLtd	SJ07710	J198	49,523.04
01-25-2008	Nicholson&Associates	A7ST1201-595	J76	257.92
01-25-2008	Nicholson&Associates	08GNI-010	J75	419.16
01-31-2008	GeodraftingServicesLtd	2546	J252	552.50
02-05-2008	MinisterofFinance-claimfilingfee	1220	J90	34,773.28
03-19-2008	DoveCommunications	8175	J236	2,300.00
03-31-2008	GeodraftingServicesLtd	2576	J245	515.00
04-07-2008	695809B.C.Ltd.(R.Krause)	08-09	J242	3,315.00
				193,840.44

Grand total is 784,560.07

13.0 2010 EXPLORATION PROGRAMME

From August 10 until August 16, 2010 Nechako did a small exploration programme was performed on the northern block of the Fish claims. The work consisted of field reconnaissance, general research, and the taking of 44 soil geochemical samples.

Mr. David Caldwell performed the sampling.

A brief discussion of Mr. Caldwell is contained in a press release of Golden Phoenix Minerals. http://goliath.ecnext.com/coms2/gi_0199-5267015/Golden-Phoenix-Names-David-A.html

SPARKS, Nev., Feb. 27 /PRNewswire-FirstCall/ -- Golden Phoenix Minerals, Inc. (BULLETIN BOARD: GPXM) is pleased to announce the appointment of David A. Caldwell to the positions of President and Chief Operating Officer. Mr. Caldwell will remain a Director of the and its chief Geologist and geoscientist.

Jeffrey Tissier, a member of the Board of Directors, commented, "Dave's proven ability to shepherd Golden Phoenix through its current restructuring makes him the ideal choice to join our interim CEO, Ken Ripley, in leading the Company into production and positive cash flow. Given his industry knowledge, geological skill set and management experience, Dave will be called upon to perform multiple roles in the coming years."

Dave Caldwell has served as a Director of Golden Phoenix since its founding in 1997. He has 20 years experience as a geologist and geophysicist specializing in the discovery, delineation and economic evaluation of mineral deposits. Prior to his appointment as President and COO of Golden Phoenix, Mr. Caldwell was Chief Geologist for Nevada Pacific Gold in Elko, Nevada, which he co-founded in 1997. Preceding his entry into the junior gold arena, Mr. Caldwell managed exploration and bankable feasibility phases of project development for Santa Fe Pacific Gold Corporation and Gold Fields Mining Company. Mr. Caldwell brings 15 years of Nevada gold experience and industry contacts to support the Company's focus on precious metals.

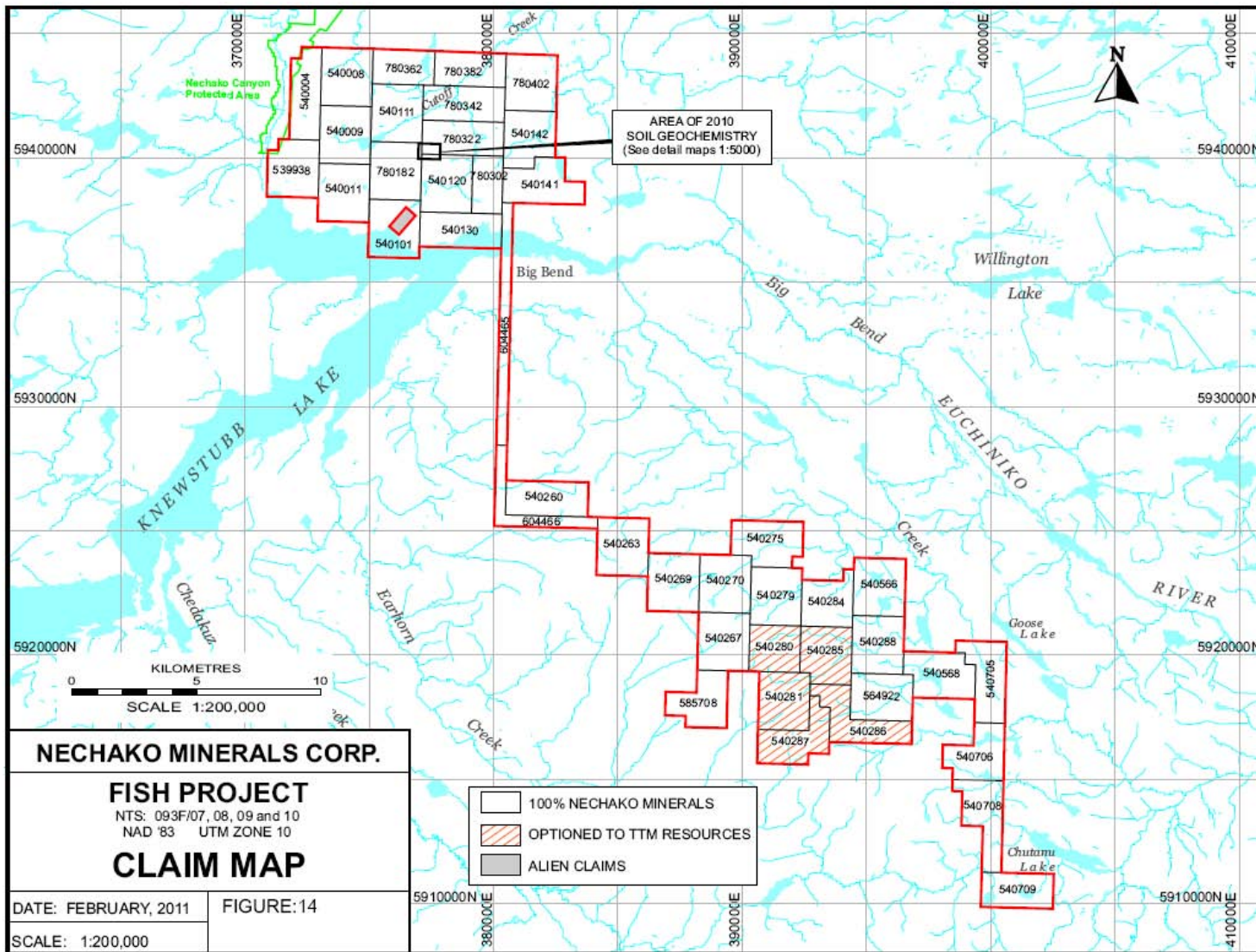
Mr. Caldwell was awarded double Bachelor of Science degrees in Geology and Geophysics from the Institute of Technology at the University of Minnesota, and earned a Master of Science degree in Geology and Geochemistry from the New Mexico Institute of Mining and Technology. He is a Trustee for the Northwest Mining Association and a past President and current Director of the Geologic Society of Nevada.

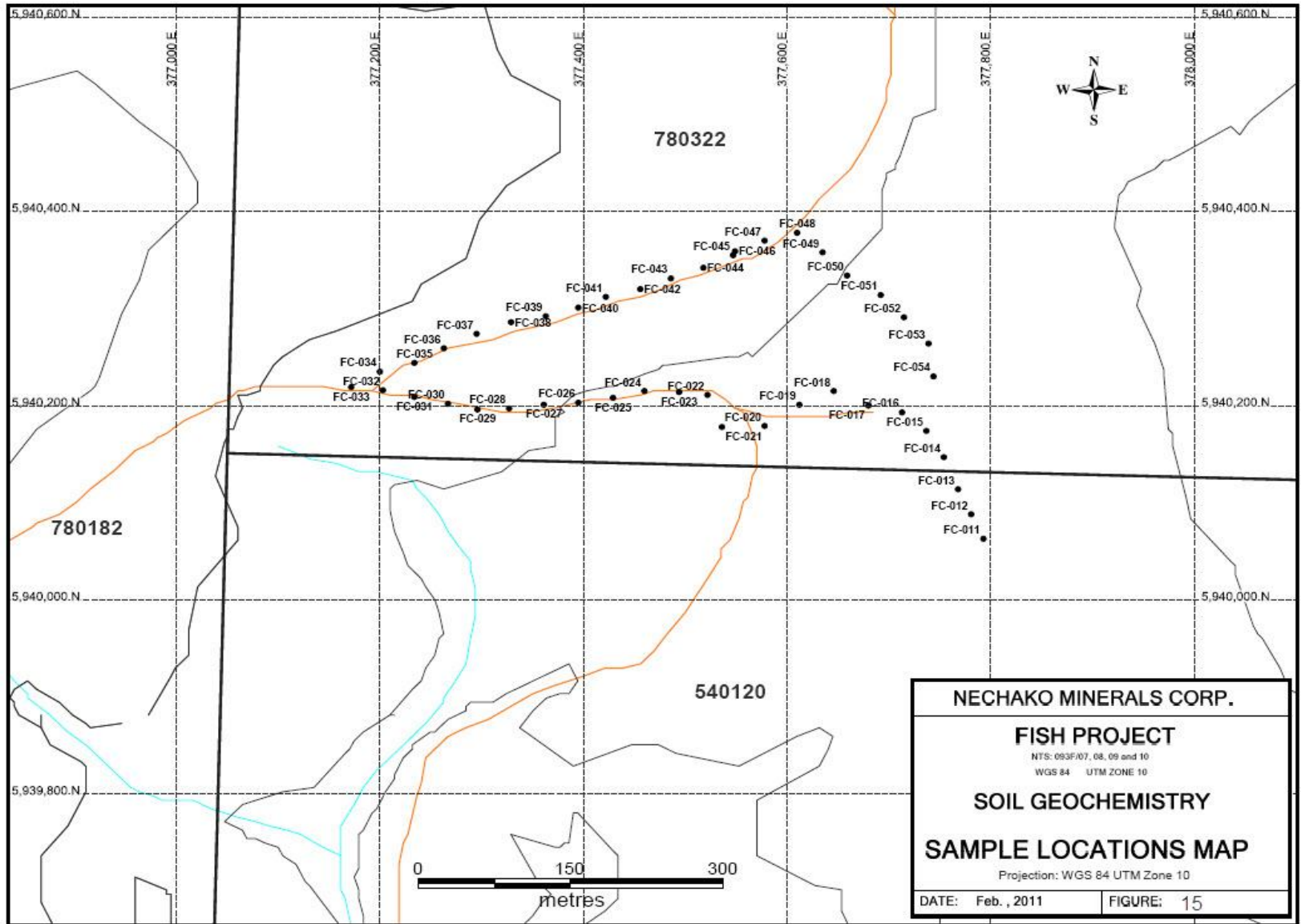
The expenses for this work are \$37,400 and are presented below and his certificate follows the statement of costs.

The area of this soil sampling within the claim block is shown on Figure 14 and the sample location map is Figure 15.

Values for Copper, Lead and Zinc are shown on Figures 16, 17 and 18.

The assay sheets are included as Appendix B





In outcrop mineralization consists of molybdenite with minor pyrite, pyrrhotite and chalcopyrite as disseminations and coatings along fractures in biotite altered argillite.

Historical diamond drilling indicates a potential grade of approximately 0.1 per cent molybdenum (Assessment Report 24114).

Rio Tinto Canadian Explorations Ltd. and Asarco (American Smelting and Refining Company) discovered Chu molybdenum property independently during 1969 to 1970. In the mid 1970s, Asarco consolidated the project areas and carried out a number of geological, geochemical and geophysical surveys and shallow diamond drilling. In 1979, they were joined by Armco Mineral Exploration Ltd in a joint venture. They conducted core drilling programs in 1980 (3 diamond-drill holes), 1981 (7 diamond-drill holes) and 1982 (2 diamond-drill holes). This fieldwork has partially outlined a large northwest-southeast trending zone of strong molybdenum-bearing mineralization.

In 1994, the Chu and Chu 2 and 3 claims were staked in by Arnex Resources Ltd. when the original property claims lapsed.

Sixteen stream sediment and 3 rock chip samples were taken. The registered owner was Orvana Minerals Corp. Some work may have been done by Orvana in 1995 also.

In 2002, a magnetometer survey consisting of 34.1 kilometres was conducted by owner Chris Delorme over a portion of the Chu molybdenum property.

In 2003, Nustar Resources Inc. evaluated the Chu (093F 001) porphyry molybdenum prospect, located about 90 kilometres south-southwest of Vanderhoof. The company sampled and re-assayed core from a 1970 Rio Tinto drilling campaign, and also conducted geological mapping, geochemical sampling and geophysical surveys.

In 2004, the work program of owner Omega Exploration Services Inc. consisted of running three self potential (sp) lines totaling 3,600 metres and drilling one vertical drill hole with a hand-held JKS packsack diamond core drill to a total depth of 20.1 metres.

The indicated zone of molybdenum mineralization is large and appears to dip into the southwest facing slope of the hill. The mineral zone was reported to have excellent potential for expansion from its present indicated size toward the northwest, southeast, downdip toward the northeast and possibly in the apparent width toward the southwest. The current approximate dimensions are 840 metres length by 400 metres width by an apparent depth of 600 metres.

Currently TTM Resources is diamond drilling the "Chu" property and have reported intersections of .132% Mo over 198 metres and 0.096% Mo over 383.4 metres.

19.0 MINERAL PROCESSING AND METALLURGICAL TESTING

No detailed mineral processing or metallurgical testing has been conducted on material from this property.

20.0 MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES

At present no mineral resource or reserves exist for the Fish group of claims.

21.0 OTHER RELEVANT DATA AND INFORMATION

There is no other relevant data or information to be added to the report that the authors are aware of.

21.0 INTERPRETATION AND CONCLUSIONS

21.1 INTERPRETATION

The location of the Fish Property being at the margin of a large caldera complex and the Nechako Arch has resulted in area where volcanic cover masks many of the deeper seated faults and fracture systems which would carry mineralizing fluids. Data from the regional geophysical and geochemical surveys have outlined areas hosting deep seated structures buried under more recent volcanic rocks. A strong correlation exists between interpreted faults and lineations with anomalous geochemical values. The regional magnetic and gravity data outline two prominent northwest trending Faults that are crosscut by north to northeasterly trending faults, probably corresponding to the Nechako horst.

A strong relationship is apparent between the geophysical lineations and the four Minfile occurrences in the southeast corner of the study block. Three of the four occurrences are situated along the second, subtle N70°W magnetic lineation, while the fourth is located immediately to the south, along an intersecting NNE trending linear. The magnetic data outlines a complex, intersecting fault patterns and is suggestive of a possible ring structure. These patterns are repeated in several places along the N70°W lineaments. There also appears to be a number of short strike length magnetic features that align along a N45°W orientation. This may be an indication of the dominant, near surface structural orientation.

21.2 CONCLUSIONS

Based on a thorough review of all historic data and the information generated by the 2006 exploration programs conducted so far on the Fish Property. The following conclusions can be drawn:

- The regional geophysical trends identified, suggest a horst and graben type structural environment suitable to host epithermal styled precious metal mineralization.
- The identified regional geophysical trends combined with coincidental geochemical anomalies display an environment suitable to host further epithermal and porphyry style mineralization

22.0 RECOMMENDATIONS

In order to advance the Property it was recommended that a two phased exploration program be implemented. **A \$400,000.00 Phase I program was recommended and carried out.** The program consisted of 100 line kilometers of 3Dimensional ground Induced Polarization survey established over the south eastern area of the property. The grid was located in the southern portion of the property surrounding the Chu mineral, Ben, April mineral showings. The grids were oriented north south with lines space 100 meters apart and running east- west with stations marked every 25 metres. The cost of this program was \$580,014.55, In addition all available historic data should be standardized and converted to digital form and compiled into suitable geologic software.

Phase 1 (residual)

Subtotal	\$10,000.00
Contingency (10%)	\$1,000.00
TOTAL Phase I	\$11,000.00

Contingent on results from Phase I, a Phase II program consisting of property wide geochemical sampling, geological mapping and prospecting of all known showings, roads and outcrops, 3D Induced Polarization surveys to cover the southern area, follow-up ground magnetometer and EM surveys and 3500 metres of diamond drilling.

The cost of the entire Phase II program is

Phase II – Budget

Senior geologist 90 days @ \$500.00 per day	45,000
Junior geologist 90 days @ \$350.00 per day	31,500
Field Manager 90 days @ \$350.00 per day	31,500
Line cutters 90 days @ \$400 per day (3)	108,000
Subtotal	\$216,000
900 man days @ \$125.00 per day (includes food and lodging) (assumes geophysical crew 45 days diamond drill crew 45 days)	112,500
Two 4x4 trucks 90 days @ \$100.00 per day	18,000
Two ATV 90 days @ 75 per day	13,500
Fuel, chainsaws, accessory equipment	40,000
Geophysical Surveys (3D IP, Magnetometer) (assumes 100 line kilometres of 3D I.P. @ \$2900.00 per line km)	290,000
400 line km of magnetometer & EM @ \$100 per line kilometre, plus (\$60,000 for reporting)	100,000
Property Wide Silt Sampling (incl. labor, assays)	10,000
Prospecting, Sampling, Data digitizing	20,000.
Diamond Drilling 3,500 m @ \$200/m (including assays)	700,000
Permits, Reclamation Bonding	50,000
subtotal	\$1,570,000
Contingency (15%)	235,000
TOTAL Phase II	\$1,805,500

23.0 REFERENCES

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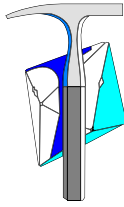
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- Schimann, K (1993) Assessment report Quartz Lake Property AR#23386
- Schimann, K (1993) Assessment report Yellow Moose Property AR#23387
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Respectfully submitted this 10th day of February, 2010,

Marvin A. Mitchell, P.Eng.

MITCHELL GEOLOGICAL SERVICES INC.



Suite 1028, 470 Granville St.,
Vancouver, BC CANADA V6C 1V5
OFFICE: Tel: (604) 684 4297
Fax: (604) 684 642 4217
Cell: (604) 306 5299
HOME: Tel: (604) 736 2106
Fax: (604) 736 2170

24.0 CERTIFICATE OF QUALIFIED PERSON

I, Marvin Alford Mitchell, P. Eng., do hereby certify that:

1. I am President of Mitchell Geological Services Inc., Suite 1028, 470 Granville St. Vancouver, BC CANADA V6C 1V5.
2. I graduated with a degree in Bachelor of Science in Geological Engineering, (mining option) from the University of Montana's Montana School of Mines in 1968.
3. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (Registration Number, 8322)
4. I have worked as a geologist for a total of 40 years since my graduation from university.
5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
6. I am responsible for the preparation of Section 13 2007 EXPLORATION PROGRAMME including the summary of Mr. Chen's report entitled **Geophysical Report 3d Induced Polarization Survey On the Fish Project Grids 1 and 3**, amendments to Section 3, SUMMARY, the deletion of the PHASE 1 budget in Section 22 RECOMMENDATIONS, changing the (good till dates) in table 1 and changing the estimated costs in Phase II to more accurately reflect increased labour costs and vehicle rental costs since the report was written. All of the other Sections were completed by Mr. Warren D. Robb, P.Ge. except for sections on the 2010 program which were completed by Mr. David Caldwell, P.Ge.
7. I have not had prior involvement with the property that is the subject of the Technical Report.
8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
9. I am independent of the potential issuer applying all of the tests in section 1.4 of National Instrument 43-101.
10. I have read National Instrument 43-101 and Form 43-101 FI, and the Technical Report has been prepared in compliance with that instrument and form.

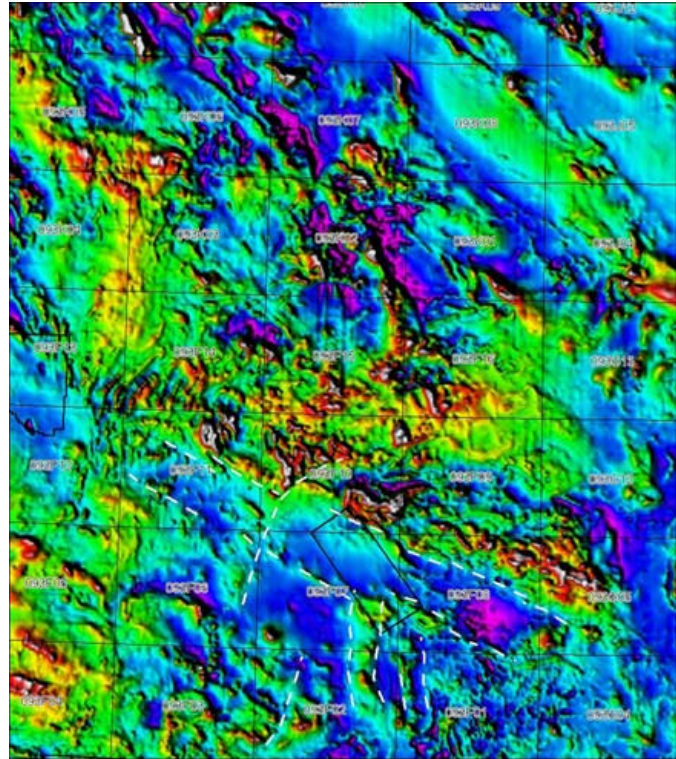
11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.
Dated this 14th day of March, 2011.

Marvin A. Mitchell, P.Eng.

APPENDIX A

anomalies form a “horseshoe” shaped pattern, open to the northeast. These localized gravity highs vary from 5 – 8 km across, suggesting source bodies on the order of 1 – 2 km depth. A cluster of 4 Minfile occurrences (Chu, April, Ben and C) in the SE corner of the study block falls between two of these small gravity highs.

The government magnetic data is also considered regional in nature although it gathered on 800m spaced survey lines and is therefore denser than the gravity data. The magnetic map (right, same area as gravity map above) shows similar trends (dashed white lines) to those mapped by the gravity but with significantly more detail and outlines structures that are generated by rock units closer to the ground surface. The study area is located along the southwest flank of N70°W trending regional lineation, formed by a series of strong magnetic highs. This lineation generally coincides with the regional gravity trend. A second, subtle magnetic lineation formed by narrow, elongated magnetic highs, parallels this main trend some 15 km to the southwest. There are multiple breaks and offsets along these two trends that appear to be locally quite complex but are clearly part of regional NNE trending fault patterns. The magnetic signature is relatively quiet and subdued between these two lineations.



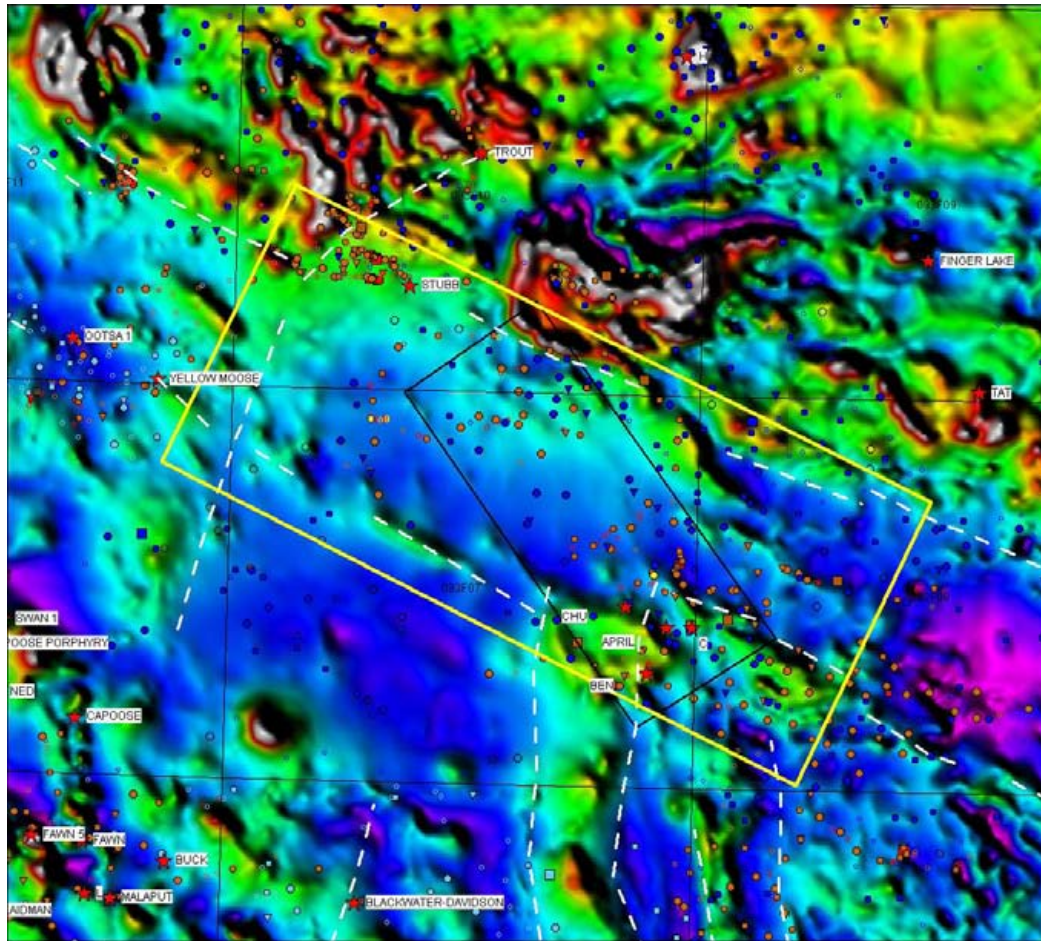
A strong magnetic high brushing the NE corner of the study area coincides with the gravity low forming the centre of the “horseshoe” shaped gravity feature described above. The combination of these responses suggests the presence of a large intrusive body beneath the magnetic high, ringed by some type of alteration halo.

Of particular interest is the apparent relationship between the geophysical lineations and the four Minfile occurrences in the southeast corner of the study block. Three of these occurrences lie along the second, subtle N70°W magnetic lineation described above while the fourth is located immediately to the south, along an intersecting NNE trending linear. When examined in detail, the magnetic data suggest complex, intersecting fault patterns and possible ring structures. These patterns are repeated in several places along the N70°W lineaments. There also appears to be a number of short strike length magnetic features that align along a N45°W orientation. This may be an indication of the dominant, near surface structural orientation.

There are a large number of geochemical samples gathered over this target area and many are anomalous in multiple elements. Several anomalous geochemical trends coincide with magnetic features, suggesting they are following geological structures or lithologies.

The image below is a compilation of the airborne magnetics (false colour contour), geochemistry (Au) and interpreted regional magnetic trends (white dashed lines). Based on this analysis, I feel the Porphyry study area (black rectangle) should be expanded as shown below (yellow rectangle) to include the areas where the regional WNW and NNE faults intersect. It is recommended

that the acquired claims be surveyed with a detailed Induced Polarization survey. This data will likely refine the interpretation by delineating additional structures (faults, contacts, lithologies) that may be related to the observed geochemistry.



Sincerely
Per S.J.V. Consultants Ltd.



SJ Geophysics Ltd.
S.J.V. Consultants Ltd.



E. Trent Pezzot, BSc., PGeo.
Geology, Geophysics

11762-94th Avenue,
Delta BC V4C 3R7 CANADA
www.sjgeophysics.com

Bus: (604) 582-1100
E-mail:

Fax: (604) 589-7466
trent@sjgeophysics.com

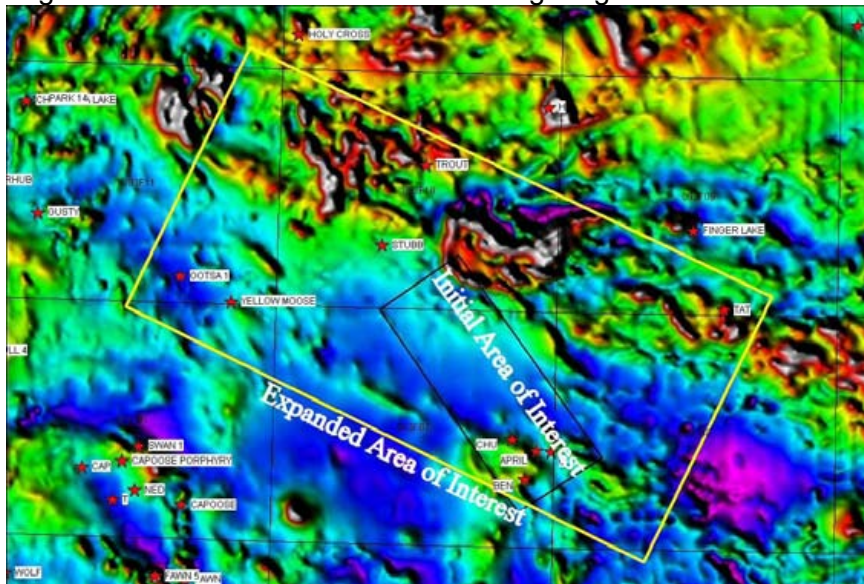
Memorandum 2

To: George Nicholson
From: E. Trent Pezzot
Date: August 22, 2006

Re: Porphyry Project, Nechako area – Geophysical Study

George:

In a previous memo I reviewed the geophysical data pertaining to an area you referred to as the Porphyry Project, in the Nechako area of B.C. Based on this review, the original area of interest has been expanded from 29 km x 11 km to 68 km x 34 km in order to include several clusters of geochemical anomalies and interesting magnetic trends.



As per your instructions, I have generated maps of this study area to illustrate the geophysical and geochemical data forming the basis of the exploration interest. These maps are provided in pdf format as 11" x 17" drawings.

Sincerely
Per S.J.V. Consultants Ltd.

E. Trent Pezzot, BSc., PGeo.
Geology, Geophysics

Appendix B

Station #	Easting
-----------	---------

Northing

UTM
ZONE

10U Datum WGS 84

			Reading No	Time	Type	Duration	Units	Sequence	SAMPLE	LOCATION	
FC-042	377456	5940320	63	18/08/2010 13:31	SOIL	50	ppm	Final			< LOD
FC-043	377486	5940331	64	18/08/2010 13:33	SOIL	50	ppm	Final			< LOD
FC-044	377518	5940342	65	18/08/2010 13:34	SOIL	50	ppm	Final			< LOD
FC-045	377547	5940355	66	18/08/2010 13:35	SOIL	50	ppm	Final			< LOD
FC-046	377549	5940359	67	18/08/2010 13:36	SOIL	50	ppm	Final			< LOD
FC-047	377578	5940370	68	18/08/2010 13:37	SOIL	50	ppm	Final			< LOD
FC-048	377610	5940378	69	18/08/2010 13:38	SOIL	50	ppm	Final			< LOD
FC-049	377635	5940358	70	18/08/2010 13:39	SOIL	50	ppm	Final			< LOD
FC-050	377659	5940334	71	18/08/2010 13:40	SOIL	50	ppm	Final			< LOD
FC-051	377692	5940314	72	18/08/2010 13:41	SOIL	50	ppm	Final			< LOD
FC-052	377715	5940291	73	18/08/2010 13:42	SOIL	32.67	ppm	Final			< LOD
FC-053	377739	5940264	74	18/08/2010 13:43	SOIL	50	ppm	Final			< LOD
FC-054	377744	5940230	75	18/08/2010 13:44	SOIL	50	ppm	Final			< LOD

Station #	Easting
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UTM 10U Datum WGS
 ZONE 84

			Ag	Ag Error	As	As Error	Cu	Cu Error	Mo	Mo Error	Fe
FC-011	377793	5940063	10.78	< LOD	9.27	< LOD	32.29	< LOD	8.81	19,512	19,512
FC-012	377781	5940088	11.3	< LOD	11.35	< LOD	37.82	< LOD	9.5	25,394	25,394
FC-013	377768	5940114	11.67	< LOD	12.36	< LOD	44.14	< LOD	10.74	21,898	21,898
FC-014	377754	5940147	11.46	< LOD	10.2	< LOD	33.33	< LOD	9.18	20,731	20,731
FC-015	377737	5940174	10.94	< LOD	10.49	< LOD	36.3	< LOD	9.45	22,103	22,103
FC-016	377713	5940193	11.72	15.60	7.99	< LOD	38.93	< LOD	9.37	29,943	29,943
FC-017	377680	5940200	11.2	< LOD	10.78	< LOD	39.3	< LOD	9.77	24,137	24,137
FC-018	377646	5940215	10.77	< LOD	10.45	< LOD	38.71	< LOD	9.03	22,702	22,702
FC-019	377612	5940201	11.01	< LOD	10.58	< LOD	36.42	< LOD	9.04	21,595	21,595
FC-020	377578	5940179	10.77	< LOD	10.33	< LOD	35.59	< LOD	9.46	19,942	19,942
FC-021	377536	5940178	11.02	< LOD	10.2	< LOD	35.99	< LOD	9.21	20,757	20,757
FC-022	377522	5940211	11.34	< LOD	10.22	< LOD	37.46	< LOD	9.34	21,299	21,299
FC-023	377494	5940214	12.01	< LOD	10.81	< LOD	37.72	< LOD	9.49	25,104	25,104
FC-024	377460	5940215	11.73	< LOD	10.1	< LOD	38.38	< LOD	9.77	21,345	21,345
FC-025	377429	5940208	11.76	< LOD	11.1	< LOD	36.67	< LOD	9.94	20,888	20,888
FC-026	377395	5940203	11.28	11.15	6.94	< LOD	38.18	< LOD	9.64	23,130	23,130
FC-027	377361	5940201	12.06	< LOD	10.11	< LOD	39.8	< LOD	9.43	20,995	20,995
FC-028	377327	5940197	12.57	< LOD	12	58.19	31.89	< LOD	10.3	41,922	41,922
FC-029	377296	5940196	11.69	< LOD	11.29	< LOD	39.17	< LOD	9.66		

										21,836	21,836
FC-030	377267	5940202	11.64	< LOD	10.81	< LOD	36.84	< LOD	9.78	23,752	23,752
FC-031	377234	5940209	11	< LOD	12.74	< LOD	38.85	< LOD	10.61	23,933	23,933
FC-032	377203	5940216	11.63	< LOD	10.05	< LOD	34.05	< LOD	9.45	18,098	18,098
FC-033	377172	5940219	11.38	< LOD	10.44	< LOD	36.3	< LOD	9.37	19,041	19,041
FC-034	377200	5940235	12.58	< LOD	10.34	< LOD	39.29	< LOD	9.71	24,150	24,150
FC-035	377234	5940244	11.16	< LOD	10.32	< LOD	36.71	< LOD	9.68	20,179	20,179
FC-036	377263	5940259	11.73	< LOD	10.76	< LOD	38.34	< LOD	9.55	19,344	19,344
FC-037	377295	5940274	12.06	< LOD	10.53	< LOD	38.26	< LOD	9.66	21,422	21,422
FC-038	377329	5940286	11.4	14.08	7.38	< LOD	38.26	< LOD	9.57	21,270	21,270
FC-039	377363	5940292	11.84	< LOD	10.09	< LOD	36.41	< LOD	10.04	17,412	17,412
FC-040	377395	5940301	10.89	< LOD	10.22	< LOD	36.45	< LOD	9.62	16,450	16,450
FC-041	377422	5940312	10.55	13.81	7.37	< LOD	33.19	< LOD	9.41	18,958	18,958

Station #	Easting	Northing	UTM ZONE	10U Datum	WGS 84	Ag	Ag Error	As	As Error	Cu	Cu Error	Mo	Mo Error	Fe
FC-042	377456	5940320				11.54	< LOD	11.45	< LOD	37.6	< LOD	9.89	18,494	503.34
FC-043	377486	5940331				10.62	10.86	7.14	< LOD	40.43	< LOD	9.89	20,192	518.03
FC-044	377518	5940342				10.89	< LOD	9.38	< LOD	34.31	< LOD	9.08	21,659	529.42
FC-045	377547	5940355				11.04	< LOD	11.9	< LOD	37.19	< LOD	9.6	16,561	466.53
FC-046	377549	5940359				10.41	< LOD	9.13	< LOD	30.75	< LOD	9.18	15,652	436.54
FC-047	377578	5940370				10.72	< LOD	11.45	< LOD	33.98	< LOD	9.61	19,050	496.11
FC-048	377610	5940378				10.88	< LOD	10.59	< LOD	35.6	< LOD	8.95	16,596	454.7
FC-049	377635	5940358				10.95	< LOD	10.65	< LOD	36.3	< LOD	9.29	18,219	483.17
FC-050	377659	5940334				11.06	< LOD	9.92	< LOD	39.42	< LOD	9.33	19,720	500.87
FC-051	377692	5940314				11.04	< LOD	10.85	46.85	27.59	< LOD	9.32	21,391	524.77
FC-052	377715	5940291				28.62	< LOD	11.07	< LOD	38.93	< LOD	9.47	24,609	565.49
FC-053	377739	5940264				10.62	< LOD	8.86	< LOD	35.35	< LOD	9.19	19,565	491.94
FC-054	377744	5940230				10.76	< LOD	10.33	< LOD	35.61	< LOD	9.17	22,870	549.9

			Fe Error	Cd	Cd Error	Pb	Pb Error	Ba	Ba Error	Zn	Zn Error	Sb
FC-011	377793	5940063		< LOD	17.41	< LOD	10.44	502.62	65.53	73.33	19.81	< LOD
FC-012	377781	5940088	490.63	< LOD	18.74	< LOD	13.22	765.60	72.77	69.24	20.54	< LOD
FC-013	377768	5940114	582.57	< LOD	18.99	< LOD	17.18	767.03	73.63	59.71	22.7	< LOD
FC-014	377754	5940147	619.2	< LOD	18.06	< LOD	13.4	613.73	69.53	96.71	23.15	< LOD
FC-015	377737	5940174	519.56	< LOD	17.1	< LOD	12.14	268.64	62.62	34.15	16.4	< LOD
FC-016	377713	5940193	526.37	< LOD	19.08	< LOD	12.57	835.63	74.00	76.33	21.3	< LOD
FC-017	377680	5940200	639.9	< LOD	18.56	< LOD	14.25	547.13	69.28	164.01	28.81	< LOD
FC-018	377646	5940215	573.51	< LOD	17.59	< LOD	13.46	621.35	67.36	36.31	16.21	< LOD
FC-019	377612	5940201	543.13	< LOD	17.83	< LOD	12.76	578.45	68.35	75.19	20.87	< LOD
FC-020	377578	5940179	534.91	< LOD	18.32	< LOD	13.27	687.68	69.88	52.04	18.34	< LOD
FC-021	377536	5940178	508.18	< LOD	17.71	< LOD	12.17	810.84	70.17	49.29	18.04	< LOD
FC-022	377522	5940211	528.16	< LOD	18	< LOD	12.24	640.07	69.25	41.01	17.18	< LOD
FC-023	377494	5940214	528.31	< LOD	18.79	< LOD	12.84	916.96	75.97	30.38	16.03	27.54
FC-024	377460	5940215	587.78	< LOD	18.82	< LOD	13.73	746.87	72.59	45.57	17.4	< LOD
FC-025	377429	5940208	534.67	< LOD	18.5	< LOD	13.35	710.09	72.23	52.48	18.46	< LOD
FC-026	377395	5940203	528.51	< LOD	17.59	< LOD	11.78	486.90	67.39	74.17	20.72	< LOD
FC-027	377361	5940201	551.71	< LOD	18.38	< LOD	13.72	643.45	72.06	75.05	20.91	< LOD
FC-028	377327	5940197	527.35	< LOD	20.46	< LOD	13.81	805.76	79.37	65.99	21.88	< LOD
FC-029	377296	5940196	789.89	< LOD	18.89	15.00	9.8	516.27	69.66	62.64	19.97	< LOD
FC-030	377267	5940202	539.54	< LOD	18.94	< LOD	13.2	647.51	72.65	80.79	21.8	< LOD
FC-031	377234	5940209	568.24	< LOD	17.25	< LOD	14.65	398.40	65.94	48.19	20.82	< LOD
FC-032	377203	5940216	634.44	< LOD	18.18	< LOD	12.55	656.31	70.63	79.34	20.72	< LOD
FC-033	377172	5940219	490.82	< LOD	18.83	< LOD	13.43	762.62	72.89	48.85	18.14	< LOD
FC-034	377200	5940235	499.18	< LOD	18.89	< LOD	14.4	725.94	73.92	61.76	20.44	< LOD
FC-035	377234	5940244	588.23	< LOD	18.06	< LOD	11.97	542.20	69.04	60.40	19.07	< LOD
FC-036	377263	5940259	510.29	< LOD	19.17	< LOD	12.34	682.46	70.99	75.90	21.13	< LOD
FC-037	377295	5940274	506.62	< LOD	19.26	< LOD	12.75	850.80	74.18	31.63	16.56	27.45
FC-038	377329	5940286	542.99	< LOD	18.51	< LOD	11.81	791.49	72.92	53.44	18.57	< LOD
FC-039	377363	5940292	529.9	< LOD	19.22	< LOD	12.38	760.83	72.29	33.08	16.25	< LOD
FC-040	377395	5940301	482.99	< LOD	17.75	< LOD	12.64	693.98	69.78	44.54	17.76	< LOD
FC-041	377422	5940312	458.55	< LOD	17.94	< LOD	11.99	773.24	70.40	60.94	19.19	< LOD

			Fe Error	Cd	Cd Error	Pb	Pb Error	Ba	Ba Error	Zn	Zn Error	Sb
FC-042	377456	5940320	503.34	< LOD	18.29	< LOD	14.22	771.26	71.67	36.82	16.89	< LOD
FC-043	377486	5940331	518.03	< LOD	17.76	< LOD	12.09	664.38	70.05	55.33	19	< LOD
FC-044	377518	5940342	529.42	< LOD	17.1	< LOD	10.9	614.36	67.75	35.46	16.06	< LOD
FC-045	377547	5940355	466.53	< LOD	17.78	< LOD	13.57	676.16	69.25	34.53	16.27	< LOD
FC-046	377549	5940359	436.54	< LOD	17.63	< LOD	12.12	322.51	62.82	74.37	19.68	< LOD
FC-047	377578	5940370	496.11	< LOD	17.02	< LOD	13.51	451.39	65.02	53.72	18.13	< LOD
FC-048	377610	5940378	454.7	< LOD	17.13	< LOD	12.29	450.71	65.01	86.23	21.22	< LOD
FC-049	377635	5940358	483.17	< LOD	17.3	< LOD	13.52	569.94	67.62	75.28	20.71	< LOD
FC-050	377659	5940334	500.87	< LOD	16.77	< LOD	11.3	608.23	68.16	90.90	22.13	< LOD
FC-051	377692	5940314	524.77	< LOD	17.45	< LOD	12.76	588.80	68.28	69.34	19.96	< LOD
FC-052	377715	5940291	565.49	< LOD	43.96	< LOD	13.82	498.23	168.73	134.89	25.85	< LOD
FC-053	377739	5940264	491.94	< LOD	17.54	< LOD	10.82	426.57	64.85	67.72	19.69	< LOD
FC-054	377744	5940230	549.9	< LOD	17.55	< LOD	11.79	599.27	66.94	87.09	22	< LOD

			Sb Error	Hg	Hg Error	Se	Se Error	Cr	Cr Error	Zr	Zr Error
FC-011	377793	5940063	20.44	< LOD	15.51	< LOD	6	< LOD	51.7	222.08	16.40
FC-012	377781	5940088	22.37	< LOD	17.41	< LOD	7.82	< LOD	52.53	252.82	18.20
FC-013	377768	5940114	22.83	< LOD	20.66	< LOD	9.56	< LOD	54.31	217.24	19.70
FC-014	377754	5940147	21.78	< LOD	17.71	< LOD	7.56	< LOD	50.29	194.83	16.05
FC-015	377737	5940174	19.88	< LOD	17	< LOD	7.58	< LOD	56.66	234.35	17.05
FC-016	377713	5940193	22.42	< LOD	17.18	< LOD	6.83	< LOD	51.99	261.20	18.12
FC-017	377680	5940200	21.72	< LOD	17.69	< LOD	6.12	< LOD	54.36	282.39	18.84

FC-018	377646	5940215	21.02	< LOD	14.88	< LOD	6.21	< LOD	53.91	204.80	16.58
FC-019	377612	5940201	20.92	< LOD	16.27	< LOD	7.31	< LOD	53.68	222.91	17.39
FC-020	377578	5940179	21.71	< LOD	17	< LOD	6.55	< LOD	47.65	260.55	18.15
FC-021	377536	5940178	21.53	< LOD	16.88	< LOD	7.42	< LOD	52.17	275.51	18.99
FC-022	377522	5940211	21.75	< LOD	16.31	< LOD	7.67	< LOD	51.58	248.42	17.99
FC-023	377494	5940214	15.55	< LOD	16	< LOD	7.12	< LOD	52.88	245.73	18.33
FC-024	377460	5940215	22.42	< LOD	15.72	< LOD	6.61	< LOD	52.55	208.11	16.93
FC-025	377429	5940208	22.65	< LOD	16.34	< LOD	7.45	< LOD	55.23	275.39	18.71
FC-026	377395	5940203	21.26	< LOD	17.24	< LOD	8.24	< LOD	56.05	237.52	17.81
FC-027	377361	5940201	22.53	< LOD	16.84	< LOD	6.94	< LOD	51.95	230.26	17.51
FC-028	377327	5940197	24.65	< LOD	17.76	< LOD	7.01	< LOD	51.05	293.68	20.52
FC-029	377296	5940196	22.09	< LOD	16.7	< LOD	7.93	< LOD	56.31	258.59	18.37
FC-030	377267	5940202	22.39	< LOD	17.17	< LOD	7.7	64.46	38.66	308.08	19.80
FC-031	377234	5940209	20.72	< LOD	19.29	< LOD	9.56	< LOD	51.65	275.39	20.97
FC-032	377203	5940216	22.11	< LOD	15.23	< LOD	6.76	< LOD	53.88	228.86	17.49
FC-033	377172	5940219	22.59	< LOD	18.56	< LOD	6.99	< LOD	56.12	299.12	19.12
FC-034	377200	5940235	22.65	< LOD	17.17	< LOD	7.81	< LOD	58.34	273.28	19.32
FC-035	377234	5940244	21.58	< LOD	16.62	< LOD	7.59	< LOD	51.46	288.93	18.74
FC-036	377263	5940259	21.86	< LOD	17.04	< LOD	7.63	< LOD	50.27	303.56	19.26
FC-037	377295	5940274	15.35	< LOD	17.47	< LOD	7.06	< LOD	54.8	273.68	19.04
FC-038	377329	5940286	22.26	< LOD	16.86	< LOD	7.16	< LOD	53.57	292.36	19.09
FC-039	377363	5940292	22.58	< LOD	17.12	< LOD	7.58	< LOD	52.48	291.22	19.26
FC-040	377395	5940301	21.22	< LOD	18.46	< LOD	6.67	< LOD	50.87	294.72	18.78
FC-041	377422	5940312	21.7	< LOD	16.48	< LOD	7.95	< LOD	53.49	286.43	18.88

			Sb Error	Hg	Hg Error	Se	Se Error	Cr	Cr Error	Zr	Zr Error
FC-042	377456	5940320	22	< LOD	17.4	< LOD	8.09	< LOD	52.75	302.88	19.97
FC-043	377486	5940331	21.33	< LOD	17.39	< LOD	7.65	< LOD	49.94	306.30	19.57
FC-044	377518	5940342	21.18	< LOD	16.33	< LOD	7.09	< LOD	50.16	210.69	16.93
FC-045	377547	5940355	21.49	< LOD	17.01	< LOD	6.44	< LOD	55.98	294.42	19.11
FC-046	377549	5940359	20.24	< LOD	15.37	< LOD	6.07	< LOD	55.77	277.30	17.70
FC-047	377578	5940370	20.24	< LOD	16.22	< LOD	7.82	< LOD	55.55	292.22	18.72
FC-048	377610	5940378	20.33	< LOD	17.15	< LOD	7.05	< LOD	52.86	272.04	17.80
FC-049	377635	5940358	21.09	< LOD	16.62	< LOD	7.73	< LOD	53.39	295.16	18.60
FC-050	377659	5940334	21.1	< LOD	16.83	< LOD	6.37	< LOD	54.59	255.86	17.66
FC-051	377692	5940314	21.14	< LOD	17.21	< LOD	7.35	< LOD	53.65	220.52	16.78
FC-052	377715	5940291	53.29	< LOD	16.68	< LOD	8	< LOD	54.39	247.49	17.48
FC-053	377739	5940264	20.36	< LOD	17.13	< LOD	7.15	< LOD	58.14	211.74	16.05
FC-054	377744	5940230	20.76	< LOD	16.85	< LOD	7.24	< LOD	50.91	203.72	16.36

Station	Th	Th Error	W	W Error	Ni	Ni Error	Co	Co Error	Mn	Mn Error	V	V Error
FC-011	< LOD	10.2	< LOD	104.03	< LOD	93.02	< LOD	257.86	377.52	103.9	< LOD	126.69
FC-012	< LOD	10.99	< LOD	114.09	< LOD	99.88	< LOD	311.6	518.39	123.54	< LOD	152.01
FC-013	< LOD	13.5	< LOD	139.25	< LOD	111.91	< LOD	323.78	840.69	167.35	< LOD	130.45
FC-014	< LOD	11.64	< LOD	125.14	< LOD	92.39	< LOD	276.38	1115.68	162.45	< LOD	135.34
FC-015	< LOD	10.3	< LOD	116.91	< LOD	92.11	< LOD	279.75	564.51	121.63	< LOD	146.17
FC-016	< LOD	11.7	< LOD	111.48	< LOD	106.92	< LOD	339.89	682.12	139.62	< LOD	127.75
FC-017	< LOD	12.65	< LOD	118.35	< LOD	101.79	< LOD	294.57	742.38	142.72	< LOD	139.19
FC-018	< LOD	10.92	< LOD	101.56	< LOD	93.33	< LOD	291.73	448.19	114.56	< LOD	134.16
FC-019	< LOD	11.01	< LOD	111.37	< LOD	101.78	< LOD	286.69	360.81	108.71	< LOD	134.59
FC-020	< LOD	12.07	< LOD	111.16	< LOD	96.78	< LOD	269.01	378.22	106.85	< LOD	131.12
FC-021	< LOD	12.36	< LOD	106.23	< LOD	105.71	< LOD	281.45	449.35	115.91	< LOD	133.44
FC-022	< LOD	10.82	< LOD	111.92	< LOD	100.79	< LOD	282.62	493.40	117.99	< LOD	131.26
FC-023	< LOD	10.93	< LOD	108.95	< LOD	100.37	< LOD	307.28	286.08	103.11	< LOD	136.1
FC-024	< LOD	10.83	< LOD	96.72	< LOD	91.89	< LOD	288.11	247.69	98.07	< LOD	140.07
FC-025	< LOD	12.15	< LOD	106.57	< LOD	97.93	< LOD	287.34	400.89	111.3	< LOD	147.14
FC-026	< LOD	12.36	< LOD	107.33	< LOD	91.7	< LOD	290.19	444.75	114.09	< LOD	132.61
FC-027	< LOD	11.89	< LOD	110.53	< LOD	98.93	< LOD	282.87	647.12	131.6	< LOD	124.32
FC-028	< LOD	12.65	< LOD	133.46	< LOD	115.46	< LOD	416.69	957.23	169.8	< LOD	128.81
FC-029	< LOD	11.21	< LOD	116.85	< LOD	94.41	< LOD	290.44	557.14	124.8	< LOD	142.24

FC-030	< LOD	11.46	< LOD	113.02	< LOD	95.42	< LOD	305.53	439.75	117.81	< LOD	134.53
FC-031	< LOD	13.64	< LOD	139.46	< LOD	121.02	< LOD	341.02	247.11	111.45	< LOD	136.88
FC-032	< LOD	11.4	< LOD	95.47	< LOD	104.64	< LOD	261.13	432.31	112.85	< LOD	129.29
FC-033	< LOD	11.4	< LOD	112.48	< LOD	102.64	< LOD	267.4	415.19	110.51	< LOD	147.8
FC-034	< LOD	10.15	< LOD	119.56	< LOD	107.47	< LOD	312.28	555.71	132.15	< LOD	147.31
FC-035	< LOD	13.03	< LOD	108.79	< LOD	100.66	< LOD	264.15	567.11	123.69	< LOD	131.28
FC-036	< LOD	12.33	< LOD	116.25	< LOD	102.85	< LOD	266.29	467.98	116.8	< LOD	144.96
FC-037	< LOD	11.7	< LOD	114.77	< LOD	98.29	< LOD	296.3	326.20	105.92	< LOD	147.28
FC-038	< LOD	12.26	< LOD	110.12	< LOD	103.52	< LOD	277.99	428.12	113.58	< LOD	139.08
FC-039	< LOD	11.28	< LOD	109.08	< LOD	100.25	< LOD	260.87	294.90	100.9	< LOD	144.33
FC-040	< LOD	11.12	< LOD	118.73	< LOD	99.31	< LOD	243.44	330.77	100.5	< LOD	137.9
FC-041	< LOD	10.8	< LOD	110.26	< LOD	99.78	< LOD	263.44	422.38	110.07	< LOD	140.19

	Th	Th Error	W	W Error	Ni	Ni Error	Co	Co Error	Mn	Mn Error	V	V Error
FC-042	< LOD	12.71	< LOD	109.67	< LOD	102.8	< LOD	269.5	290.63	101.45	< LOD	149.1
FC-043	< LOD	11.01	< LOD	111.83	< LOD	98.84	< LOD	274.1	429.22	112.8	< LOD	144.32
FC-044	< LOD	11.1	< LOD	103.03	< LOD	97.96	< LOD	283.38	391.14	109.13	< LOD	132.38
FC-045	< LOD	11.5	< LOD	107.28	< LOD	95.7	< LOD	242.27	311.10	98.84	< LOD	146.71
FC-046	< LOD	9.97	< LOD	102.63	< LOD	93.75	< LOD	232.39	818.72	135.96	< LOD	137.03
FC-047	< LOD	11.31	< LOD	104.21	< LOD	102.49	< LOD	259.81	404.99	108.92	< LOD	140.99
FC-048	< LOD	9.42	< LOD	103.44	< LOD	85.9	< LOD	246.42	550.54	117.92	< LOD	137.31
FC-049	< LOD	11.9	< LOD	115.55	< LOD	100.27	< LOD	258.02	690.67	131.24	< LOD	146.25
FC-050	< LOD	11.84	< LOD	114.62	< LOD	99.55	< LOD	267.25	591.20	124.16	< LOD	138.46
FC-051	< LOD	10.03	< LOD	107.24	< LOD	106.97	< LOD	280.2	771.66	139.01	< LOD	143.53
FC-052	< LOD	12.52	< LOD	110.64	< LOD	100.03	< LOD	301.51	1122.86	163.31	< LOD	142.18
FC-053	< LOD	10.53	< LOD	114.4	< LOD	100.07	< LOD	266.03	549.37	118.78	< LOD	137.96

FC-054	< LOD	11.8	< LOD	112.89	< LOD	101.24	< LOD	286.79	674.49	133.88	< LOD	135.02
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	Ti	Ti Error	Sc	Sc Error	Ca	Ca Error	K	K Error	S	S Error	Cs	Cs Error
FC-011	1635.19	190.23	< LOD	43.47	3936.53	388.41	6366.05	650.28	< LOD	17617.93	< LOD	18.4
FC-012	1850.59	224.76	< LOD	46.2	5371.11	448.86	6320.09	658.24	< LOD	22366.51	39.20	13.32
FC-013	1699.20	194.18	< LOD	42.37	4292.11	409.05	8329.93	739.15	< LOD	20345.29	30.19	13.4
FC-014	1708.73	209.82	< LOD	47.26	4695.91	416.95	5902.30	630.93	< LOD	17650.39	26.38	12.91
FC-015	2503.25	229.13	< LOD	49.03	5273.90	443.32	5647.78	623.36	< LOD	23282.91	< LOD	17.99
FC-016	1508.55	186	< LOD	44	4600.54	419.15	5746.02	627.16	< LOD	19622.75	49.53	13.49
FC-017	1988.67	218.79	< LOD	49.24	4603.63	417.63	5578.25	618.78	< LOD	14186.96	< LOD	19.4
FC-018	1941.12	207.4	< LOD	49.58	5132.09	441.79	5981.07	642.43	< LOD	27528.41	36.01	12.55
FC-019	2125.88	216.19	< LOD	52.48	6257.21	478.28	6198.95	651.89	< LOD	17972.61	25.27	12.73
FC-020	1628.85	195.39	< LOD	51.75	6611.67	486.47	7254.77	695.8	< LOD	18037.6	26.33	12.83
FC-021	1663.27	210.24	< LOD	49.04	6165.84	469.48	6441.19	656.04	< LOD	12532.89	52.78	12.86
FC-022	1733.36	201.8	< LOD	49.72	5796.76	457.69	6302.76	651.56	< LOD	22249.68	23.72	12.79
FC-023	2020.62	212.84	< LOD	56.26	6117.14	467.34	4376.77	556.68	< LOD	10803.69	74.70	13.9
FC-024	1653.78	213.02	< LOD	49.46	4860.98	429.42	7584.56	709.2	< LOD	17567.28	29.73	13.25
FC-025	2087.22	228.16	< LOD	50.47	5649.82	457.4	7169.51	692.06	< LOD	17560.24	29.01	13.25
FC-026	2207.16	224.94	< LOD	51.91	5781.98	463.99	6676.52	674.52	< LOD	25218.18	< LOD	18.93
FC-027	1629.61	200.77	< LOD	50.45	5985.81	461.19	6388.90	653.81	< LOD	24283.55	31.30	13.36
FC-028	1907.02	207.78	< LOD	45.89	4665.00	424.49	4940.95	593.57	< LOD	23856.89	53.16	14.58
FC-029	2066.49	213.81	< LOD	57.41	6350.42	480.43	7245.82	696.37	< LOD	16592.46	24.15	13.11
FC-030	2251.17	219.75	< LOD	54.16	6419.04	481.39	7144.34	690.1	< LOD	20342.71	38.57	13.52
FC-031	1918.16	213.46	< LOD	46.88	4637.83	415.26	5435.22	609.92	< LOD	23897.64	< LOD	18.55
FC-032	2120.50	205.7	58.55	35.83	5335.02	442.22	7419.42	698.65	< LOD	22512.34	21.56	12.99

FC-033	2231.86	228.03	< LOD	50.62	5263.23	445.04	8952.84	763.56	< LOD	21211.17	28.26	13.26
FC-034	2256.60	228.93	< LOD	52.4	5622.43	458.23	7257.04	698.15	< LOD	23933.21	44.89	13.65
FC-035	1829.13	201.33	< LOD	52.01	5972.81	461.2	7085.34	681.94	< LOD	21910.36	< LOD	19.23
FC-036	2153.52	220.31	< LOD	50.28	5410.71	448.59	8153.75	731.18	< LOD	20502.34	28.00	13.06
FC-037	2310.86	230.85	< LOD	46.81	5042.82	439.63	8133.87	735.67	< LOD	19373.27	35.61	13.4
FC-038	2435.42	217.95	< LOD	51.89	5810.07	464.34	7951.49	727.48	< LOD	19482.96	23.92	13.17
FC-039	2263.23	229.81	< LOD	47.2	4989.33	430.53	8531.79	740.73	< LOD	15334.84	32.94	13.2
FC-040	2123.18	214.3	< LOD	47.9	5427.79	448.46	8833.36	756.77	< LOD	24293.9	< LOD	19.07
FC-041	2354.92	224.22	< LOD	48.48	5071.18	438.62	8072.96	729.38	< LOD	14388.37	29.29	12.8

	Ti	Ti Error	Sc	Sc Error	Ca	Ca Error	K	K Error	S	S Error	Cs	Cs Error
FC-042	2084.88	223.39	< LOD	51.15	5376.92	448.18	9205.31	770.57	< LOD	21059.46	30.24	13.03
FC-043	2336.80	226.42	< LOD	48.65	5550.33	455.12	8332.35	740.02	< LOD	18332.61	< LOD	19.22
FC-044	1769.32	199	< LOD	51.79	6232.85	469.9	5843.46	628.77	< LOD	19968.59	32.39	12.63
FC-045	2323.06	226.99	< LOD	51.54	5668.75	454.95	8052.88	724.79	< LOD	21667.8	24.53	12.72
FC-046	2077.48	218.38	< LOD	53.44	6179.66	470.62	7325.38	693.82	< LOD	20896.57	< LOD	17.9
FC-047	1821.12	218.15	< LOD	45.45	4850.70	428.66	7755.04	715.59	< LOD	20516.87	< LOD	18.3
FC-048	2266.92	222.8	< LOD	47.01	5286.55	441.05	7632.99	706.61	< LOD	19221.94	< LOD	18.3
FC-049	2435.08	228.75	< LOD	45.86	5549.35	449.3	6773.92	672.22	< LOD	20311.27	< LOD	18.8
FC-050	2199.28	218.47	< LOD	47.77	4552.14	416.03	6964.87	681.06	< LOD	16303.9	< LOD	18.83
FC-051	2267.06	230.34	< LOD	49.98	5051.05	434.52	6419.84	657.19	< LOD	27449.09	< LOD	18.92
FC-052	2117.31	228.52	< LOD	47.44	4515.58	418.93	5752.79	631.63	< LOD	22322.33	< LOD	46.94
FC-053	1715.05	209.68	< LOD	44.02	4495.88	406.09	5527.64	608.39	< LOD	18985.52	< LOD	18.24
FC-054	1699.39	200.72	< LOD	50.02	4875.36	426.86	5588.76	620.4	< LOD	16473.26	19.31	12.39

	Te	Te Error	Sn	Sn Error	Pd	Pd Error
FC-011	< LOD	57.05	< LOD	19.08	< LOD	16.55
FC-012	< LOD	62.17	< LOD	20.57	< LOD	18.71
FC-013	< LOD	62.52	23.97	13.97	< LOD	18.13
FC-014	< LOD	60.24	< LOD	19.78	< LOD	17.63
FC-015	< LOD	55.41	< LOD	18	< LOD	16.65
FC-016	64.92	42.35	< LOD	20.74	< LOD	19.26
FC-017	< LOD	60.53	< LOD	19.41	< LOD	17.44
FC-018	< LOD	57.86	21.78	13	< LOD	16.78
FC-019	< LOD	59.31	< LOD	19.15	< LOD	16.8
FC-020	< LOD	60.01	21.19	13.33	< LOD	18.22
FC-021	< LOD	59.69	34.26	13.45	< LOD	17.67
FC-022	< LOD	59.8	< LOD	19.78	< LOD	17.64
FC-023	75.17	43.19	42.15	14.55	< LOD	19.02
FC-024	< LOD	62.66	< LOD	20.52	< LOD	18.1
FC-025	< LOD	62.15	27.52	13.89	21.55	13.17
FC-026	< LOD	59.16	< LOD	19.09	< LOD	17.43
FC-027	< LOD	61.91	< LOD	20.43	< LOD	18.29
FC-028	< LOD	68.41	26.93	15.07	< LOD	19.68
FC-029	< LOD	61.33	< LOD	19.92	< LOD	18.21
FC-030	< LOD	63.06	< LOD	20.85	< LOD	19.16
FC-031	< LOD	57.55	< LOD	18.76	< LOD	17.02

FC-032	< LOD	60.6	< LOD	20.08	< LOD	18.19
FC-033	< LOD	62.69	< LOD	20.41	< LOD	17.75
FC-034	< LOD	63.61	23.76	14.15	< LOD	18.3
FC-035	< LOD	59.41	< LOD	19.37	< LOD	17.97
FC-036	< LOD	60.94	< LOD	20.31	< LOD	18.35
FC-037	< LOD	63.01	21.62	13.9	< LOD	19.47
FC-038	< LOD	61.53	< LOD	20.48	< LOD	17.52
FC-039	62.86	41.78	< LOD	20.51	< LOD	17.95
FC-040	< LOD	58.93	< LOD	19.62	< LOD	17.88
FC-041	< LOD	60.57	< LOD	19.64	< LOD	17.4
	Te	Te Error	Sn	Sn Error	Pd	Pd Error
FC-042	< LOD	61.24	< LOD	20.28	< LOD	18.5
FC-043	< LOD	59.96	< LOD	19.6	< LOD	18
FC-044	< LOD	59.84	< LOD	19.44	< LOD	17.56
FC-045	< LOD	59.45	< LOD	19.66	< LOD	17.75
FC-046	< LOD	56.06	< LOD	18.42	< LOD	17.09
FC-047	< LOD	57.6	< LOD	18.53	< LOD	16.48
FC-048	< LOD	57.4	< LOD	18.63	< LOD	16.48
FC-049	< LOD	59.09	< LOD	19.22	< LOD	17.36
FC-050	< LOD	58.91	< LOD	19.28	< LOD	17.07
FC-051	< LOD	58.59	< LOD	19.23	< LOD	17.27
FC-052	< LOD	146	< LOD	47.07	< LOD	42.84
FC-053	< LOD	57.29	< LOD	18.76	< LOD	17.02
FC-054	< LOD	58.11	< LOD	19.14	< LOD	16.23