

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

**ASSESSMENT REPORT
TITLE PAGE AND SUMMARY**

TITLE OF REPORT [type of survey(s)] PROSPECTING ASSESSMENT REPORT TOTAL COST \$ 1,750⁰⁰

AUTHOR(S) D. G. CARDINAL SIGNATURE(S) Dan Cardinal

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) _____ YEAR OF WORK 2006

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4091584 / 2006-JUL-11

PROPERTY NAME EMORY II

CLAIM NAME(S) (on which work was done) EMORY II

COMMODITIES SOUGHT Ni, & Cu

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN _____

MINING DIVISION NEW WESTMINSTER NTS 92H.043

LATITUDE 49 ° 27 ' 59.1 " LONGITUDE 121 ° 32 ' 20.7 " (at centre of work)

OWNER(S)

1) PACIFIC COAST NICKEL CORP. 2) _____

MAILING ADDRESS

SUITE 430-580 HORNBY STREET
VANCOUVER, BC V6C 3B6

OPERATOR(S) [who paid for the work]

1) PACIFIC COAST NICKEL CORP. 2) _____

MAILING ADDRESS

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

THE PROPERTY PARTLY COVERS A NORTHEAST TRENDING FAULT (FINING'S FAULT) AND UNDERLAIN BY THE CRETACEOUS SPURZUM PLUTON. THREE (3) MAJOR ROCK TYPES OCCUR ON THE PROPERTY: (i) QUARTZ DIORITE, (ii) PYROXENE DIORITE & (iii) PYROXENE GABBRO (HORITIC)

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 10808 & 26571

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping _____			
Photo interpretation _____			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
GEOCHEMICAL			
(number of samples analysed for ...)			
Soil _____			
Silt _____			
Rock _____			
Other _____			
DRILLING			
(total metres; number of holes, size)			
Core _____			
Non-core _____			
RELATED TECHNICAL			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
PROSPECTING (scale, area) <u>1:5,000, 4 x 8 Metres</u>		<u>EMORY II</u>	<u>\$1,750.00</u>
PREPARATORY/PHYSICAL			
Line/grid (kilometres) _____			
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
			TOTAL COST <u>\$1,750.00</u>

PROSPECTING ASSESSMENT REPORT

On The

EMORY II MINERAL CLAIM

(Tenure Number: 517023)

Event Number: 4091584

Located In The

New Westminster Mining Division

Lat. 49° 27' 59.1"N; Long. 121° 32' 20.7"W

(Centre)

NTS: 092H.043

Owner And Operator:

PACIFIC COAST NICKEL CORP.

Suite 430-580 Hornby Street

Vancouver, BC V6C 3B6

Prepared By:

D.G. (Dan) Cardinal, P.GEO.

1883 Agassiz Avenue

Agassiz, BC V0M 1A2

August 8, 2006



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A. INTRODUCTION

Reconnaissance prospecting was carried out on the Emory claim by the author of this report between June 12th and June 28th, 2006. This work has filed for assessment work credits under Event Number: 4091584.

The claim is situated in southwestern BC and about 12 kilometres due northwest of the town of Hope at the headwaters of Emory Creek. The claim can be reached from the Trans Canada Highway at the community of Dogwood Valley and turning west onto the Nickel Mine road. This road originally lead to the former producing Giant Mascot Nickel Mine but sections of it has since become impassible. The road leads up the south valley of Emory Creek. The road crosses the claim 10 kilometres from the Nickel Mine and Trans Canada Highway turnoff.

The Emory claim is registered to Coast Pacific Nickel Corp owner and operator of the property. The claim was staked by the company to cover some key open ground that is located immediately adjacent to several important nickel-copper showings, including the Star of Emory, which are part of the Giant Mascot properties.

Over the last 2-3 years much of the east side of Harrison Lake has been staked by various junior resource companies in search of nickel. Coast Pacific Nickel Corp. owns several claims in the area of the Giant Mascot crown granted properties. In April 2005, the company undertook an airborne geophysical survey of it's claims. The surveys outlined a number of magnetic and electromagnetic anomalies.

Prospecting was conducted on the Emory II claim in search of mafic-ultramafic rock types similar to rocks which hosted nickel deposits at the Giant Mascot. The area prospected was mainly along access roads and hydro transmission line right-of-way were rock exposure is affordable. Small creeks were also prospected and float material examined. Much of the area is underlain by hornblende quartz diorite which forms part of the Spuzzum Pluton. Part of the claim also covers a section of a major structure referred to as Vining's Fault.

B. LOCATION AND ACCESS

The Emory II claim is located in southwestern BC some 12 kilometres due northwest of the town of Hope and about 10 road kilometres west of small community of Dogwood Valley. The claim is located near the headwaters of Emory Creek.

Access to the claim is from Dogwood Valley on the Trans Canada Highway. Turn on to the Nickel Mine road heading westerly which then connects to a former logging that parallels the southern side of Emory Creek valley. The Emory Creek road is minimally maintained by BC Hydro to access transmission powerlines which follow the creek valley. The claim is crossed at about 10 kilometres from the Trans Canada Highway turnoff.

C. PROPERTY INFORMATION

The claim covers a total area of 272.88 hectares. It is located within the New Westminster Mining Division on NTS Mapsheet 92H.043 with co-ordinates Latitude: 49° 27' 59.1"N and Longitude: 121° 32' 20.7"W.

The claim is owned and operated by Coast Pacific Nickel Corp. The pertinent claim information is as follows:

<u>Claim Name</u>	<u>Tenure Number</u>	<u>Issue Date</u>	<u>Good To Date</u>	<u>Area</u>
Emory II	517023	2005/Jul/12	2007/Jul/12	272.88

D. BRIEF BACKGROUND

There are no known mineral recorded showings nor any assessment reports available for the claim. However, the ground immediately to the east covers several known showings including the Star of Emory nickel showing which, are currently under the Giant Mascot ground. As well, just 3 kilometres to the east southeast is the former producing nickel-copper Giant Mascot Nickel Mine. Between 1958-74, the mine produced 4,191,035 tonnes of ore grade material averaging 0.77% Ni and 0.34% Cu (Pinsent, 2002).

Over the last 2-3 years large tracts of ground east of Harrison Lake have been staked by various junior resource companies. Coast Pacific Nickel Corp also acquired ground in the area including the Emory II claim.

In April 2005, Coast Pacific Nickel Corp. undertook an airborne magnetic and electromagnetic geophysical surveys adjacent to the claim. Several geophysical anomalies were outlined.

Between June 12th and June 28th, 2006 the author spent 3.5 days conducting reconnaissance prospecting surveys on the claim.

E. REGIONAL AND PROPERTY GEOLOGY

E.1 Regional Geology

The regional geological setting comprises of several major rock types. Figure 3 shows the various rock types in the regional area. The map outlines ground currently held by Coast Pacific Nickel Corp. including the Emory II claim. The map was compiled by Mincord Exploration Consultants Ltd.

The predominate rock type underlying the area is the Spuzzum Pluton (Unit 19). It generally consists of hornblende-quartz diorite. It is also associated with a rock containing up to 65% quartz containing large (1cm in size) biotite flakes and characteristically whitish in colour identified as Tonalite (Unit T). It is usually found on the boundaries of the hornblende-quartz diorite. The Spuzzum Intrusion is host to the ultramafic body referred to as the Pacific Nickel Complex (Unit A). Although both rock types are of similar age in the realm of 92 to 94 million years. There is also a younger intrusive which occurs in the area identified as the Yale Intrusion (Unit 20). It is dated Early to Late Cretaceous age and normally consists of grandiorite and quartz diorite.

Found to the east along the Fraser River, is a band of sheared migmatitic gneiss (Unit C) referred to as the Custer Gneiss. It consists of feldspathic rich minerals and is partly pegmatitic in character. The Hope-Fraser fault forms a sharp contact boundary between the gneiss, Spuzzum Pluton and metasedimentary schists which make up the Settle Schist (Unit B).

The metasedimentary unit trends northwesterly and generally dips to southwest in varying degrees. The schists are also found adjacent to ultramafic bodies which, at the Giant Mascot mine, hosted the massive sulphide deposits. Thermal isograd minerals associated with schists such as andalusite, staurolite and garnet, can be found adjacent to the intrusives.

The Pacific Nickel Complex is an exploration target for potential nickel sulphide deposits. The complex is traceable northwesterly from the area of the Giant Mascot mine to Cogburn Creek, a distance of some 20 kilometres.

E.2 Property Geology

The Emory Creek II claim partly covers a major northwest trending structure referred to as Vining's Fault. Prospecting conducted along sections of the road and powerline right-of-way encountered 3 rock types. The prominent rock type is a quartz diorite. A pyroxene diorite was also noted but its contact relationship with quartz diorite was not evident. An interesting mafic or pyroxentic gabbro (norite?) was observed near the eastern boundary of the claim exposed along the access road. Just to the east (approximately 150-200 metres) of this outcrop is the Star of Emory nickel showing.

Limited reconnaissance prospecting carried out along the local streams noted a mixture of float including schists, tonalite, diorite and pyroxenite boulders.

No sulphide mineralization was observed. Several rock samples were collected for petrographic identification.

F. PROSPECTING METHODS

Three days were spent conducting reconnaissance prospecting surveys on the claim. A hand-held GPS unit (garmin model) was utilized to tie-in rock outcrops. The surveys were then plotted onto a 1:5,000 scale map.

The objective of the prospecting survey was to attempt to identify and locate magmatic type environments such as mafic-ultramafic igneous rocks including hornblendites, pyroxenites and olivine and dunitic type rocks. Such rock types were host to the massive sulphide deposits mined at the Giant Mascot mine.

Structural features such as sinistral-dextral faults were also taking into consideration during the prospecting. These types of structures can develop pull-apart features which may be important to hosting nickel-bearing mafic-ultramafic rocks. Government airborne magnetic maps were also studied at some detail.

Hand specimens were collected and further studied under a binocular microscope. Some of the samples are being cut into thin sections for petrographic analysis.

G. SUMMARY AND CONCLUSION

Reconnaissance prospecting has identified rock types that are mafic in nature and will warrant detail investigation. These rocks are found along the eastern boundary of the Emory II claim immediately adjacent to the Star of Emory nickel showing which occurs on the Giant Mascot ground.

The former nickel producing Giant Mascot mine is located only 3 kilometres southeast of the Emory II claim. The nickel deposits mined have been interpreted as structurally controlled occurring as vertical pipe-like features.

The Vining's Fault which cuts through part of the claim is mapped as sinistral fault. The Star of Emory showing occurs near the fault. Potential exists for possibly discovering nickel mineralization adjacent to the fault. Detail structural and geological mapping is warranted.

H. COST STATEMENT

Below is the cost breakdown of the expenses incurred for prospecting surveys conducted on the Emory II claim.

Prospecting:	Cost
Geologist, 3.5 days @ \$350 per day	\$ 1,225.00
4x4 truck, 3 days @ \$50 per day	150.00
Prospecting Report	375.00
Total Expenses Incurred	<u>\$ 1,750.00</u>

Respectfully submitted;



D.G. Cardinal, P.GEO.

I. PROFESSIONAL CERTIFICATE

I, Daniel G. Cardinal of the District of Kent, British Columbia, do hereby certify that:

- I am a Professional Geoscientist and reside at 1883 Agassiz Avenue, Agassiz, BC postal code V0M 1A2.
- I am a graduate of the University of Alberta, city of Edmonton and hold a BSc. degree in Economic Geology (1978).
- I am member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia (P.Ge.), membership number: 18455; and a member in good standing with the Association of Professional Engineers, Geologists and Geophysicists of Alberta (P.Geol.), membership number: M29405.
- I have practiced my profession for the past 27 years

and that;

- I conducted the prospecting documented in this report.

Signed in Agassiz, BC this 10th day of August, 2006.



D.G. (Dan) Cardinal, P.GEO.

J. REFERENCES

Aeroquest Limited, June 2005: Report on a Helicopter Borne Aero TEM 11 electromagnetic and magnetic survey, Aeroquest Job # 05088 Big Nic Project, Hope Area, British Columbia, 092H/05,06 for Pacific Coast Nickel Corp. (private report).


Cardinal, Daniel, October 1982: Ruby Creek Group, BC Department of Energy and Mines Assessment Report 10808.

Pinsent, Robert, H., 2002: Ni-Cu-PGE Potential of the Giant Mascot and Cogburn Ultramafic-Mafic Bodies, Harrison-Hope Area, Southwestern British Columbia (092H), British Columbia Geological Survey Geological Fieldwork 2001, Paper 2002-1.

Travis, Adam, June 2001: Geological and Geochemical Assessment Report Undertaken on Santoy Resources Ltd. Emory Creek Property, Geological Survey Branch Assessment Report 26571.

Vining, Mark, R., 1977: The Spuzzum Pluton Northwest of Hope, British Columbia, unpublished MSc. Thesis University of British Columbia, 103pp.

Emory II Location Map - Figure 1

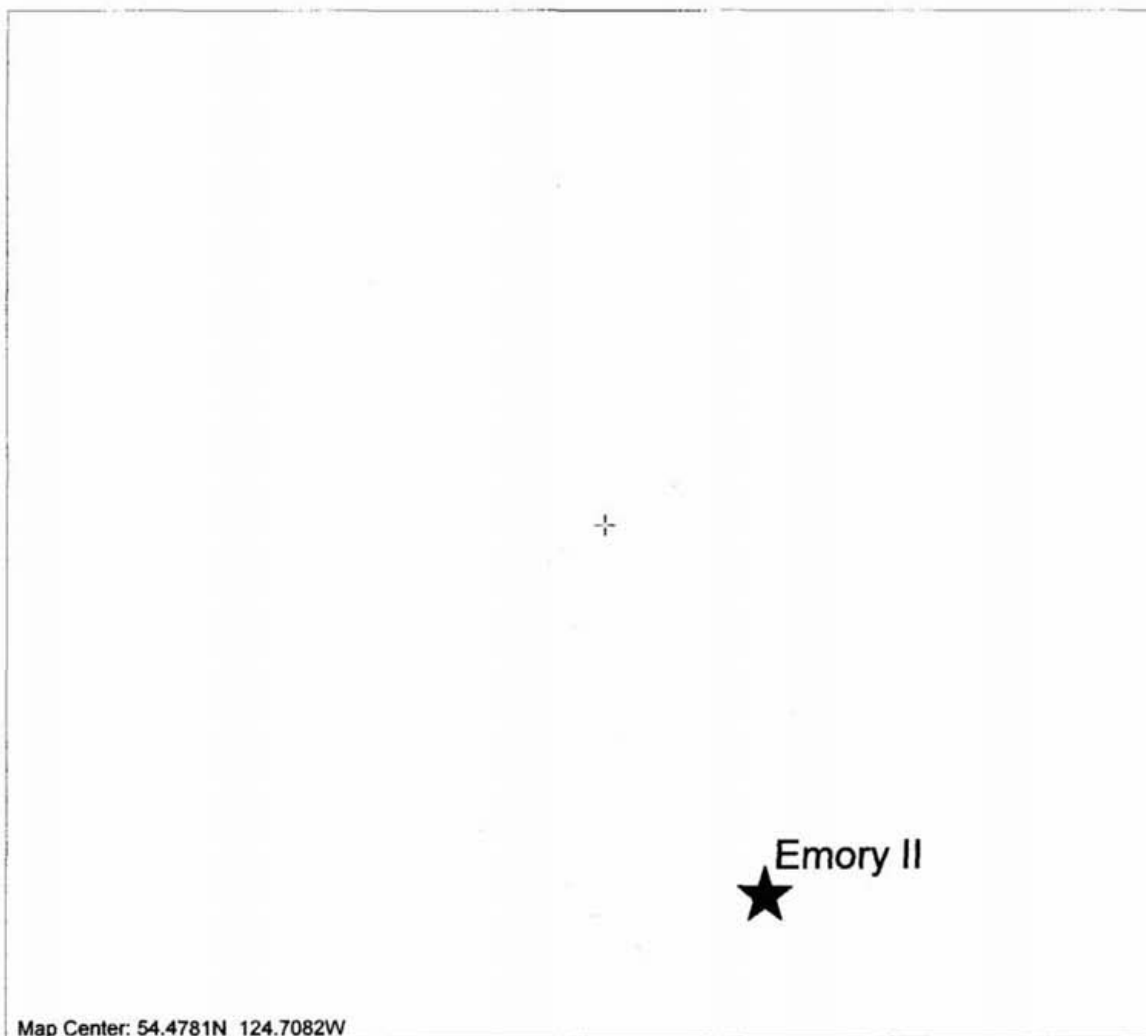
 **Emory II Location**

Topographic Layers

- Lakes 1:6M
- Rivers 1:6M

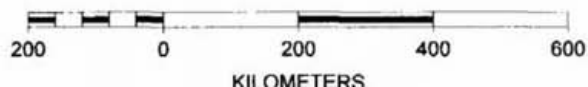
BC Border Layers

- BC Border 1:6M



Map Center: 54.4781N 124.7082W

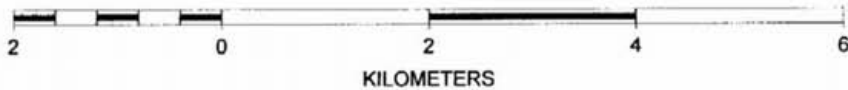
SCALE 1 : 11,218,172











Emory II Claim Map - Figure 2

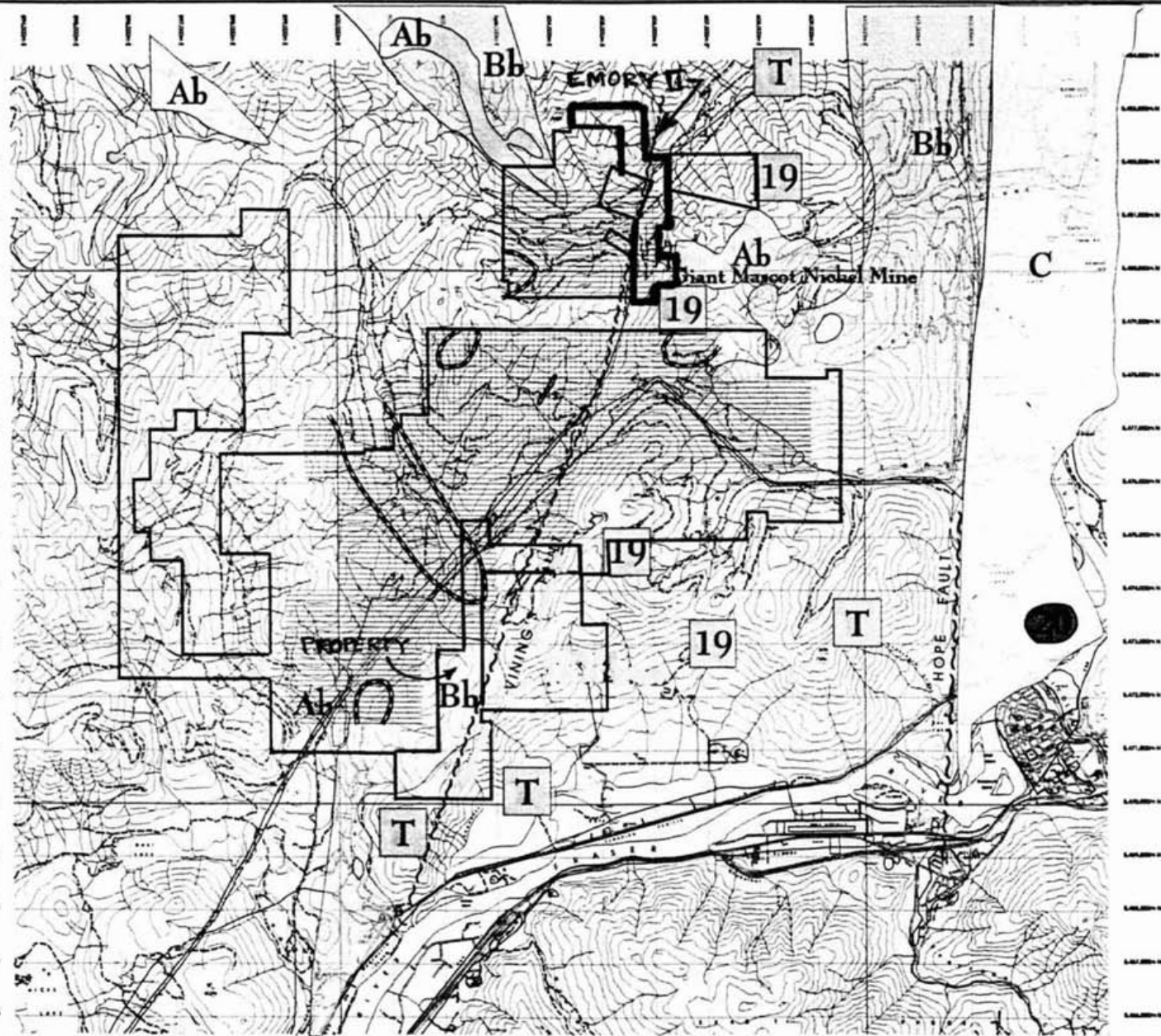


SCALE 1 : 72,581



GEOLOGY LEGEND

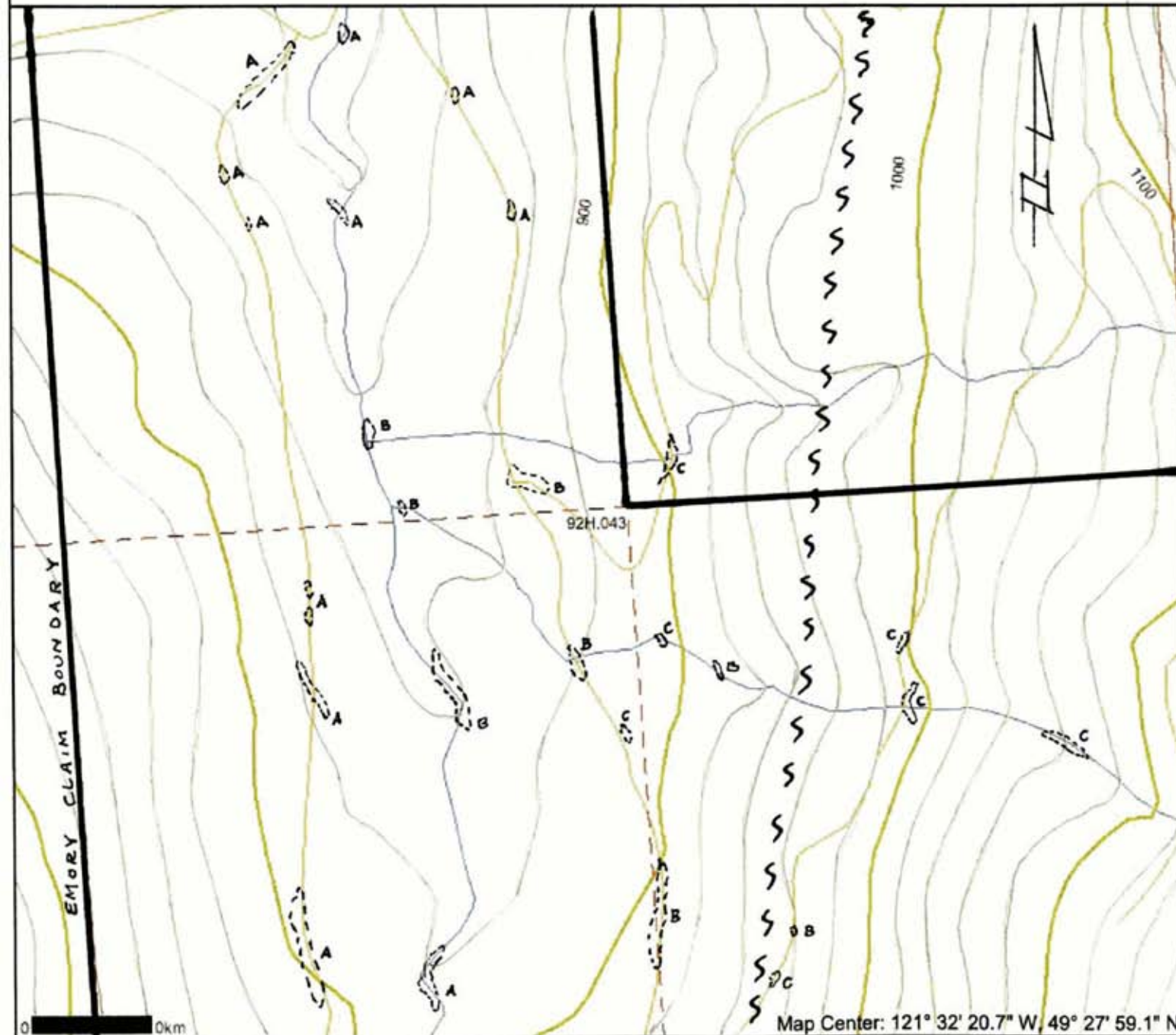
-  Pacific Nickel Complex Ultramafic, includes dunite, peridotite, pyroxenite, hornblende, norite and serpentinite.
-  Metasedimentary and metavolcanic schist, in part gneissic intrusive, includes occasional pods of ultramafic.
-  Generally gneiss, in part migmatite, includes unrelated areas of Tertiary sandstone and conglomerate.
-  Spuzzum Diorite (in places containing assimilated Pacific Nickel Complex Ultramafic Rocks)
-  Mapped Areas of Tonalite (may be related to Spuzzum Diorite)
-  Yale Intrusions, foliated, believed to be Upper Cretaceous or Tertiary.
-  2005 Airborne Geophysical High (Probably in Part Ultramafic)
-  2005 Airborne Geophysical Grid



PACIFIC COAST NICKEL CORR.	
New Westminster Mining Division, B.C., Canada	
Property Geology Map	
Scale as shown	N.T.S. 92M / S.A. 11, 12
Date Dec 2005	UTM Zone 18
Mincord Exploration Consultants	

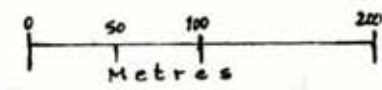
Emory II Mineral Claim - Prospecting Map Fig. 4

Legend



- A** Medium Grain, Quartz Diorite
- B** Medium Grain, Pyroxene (Hypersthene) Diorite
- C** Pyroxene Gabbro, Nœnik
- B** Bedrock outcrop
- Probable Fault

PACIFIC COAST NICKEL CORP.
 New Westminster M.D.
 Lat. 49°27'59.1"N
 Long. 121°32'20.7"W
 NTS 92H.043



Aug. 8, 2006

Scale: 1:5,000

Map Center: 121° 32' 20.7" W, 49° 27' 59.1" N