

**SUB-RECORDER
RECEIVED**
JUL 02 1992
M.R. #.....\$.....
VANCOUVER, B.C.

LOG NO:	JUL 07 1992	RD.
ACTION:		
FILE NO:		

GEOCHEMICAL SAMPLING
BARNATO PROPERTY
GREENWOOD MINING DIVISION

Latitude: 49° 35'N
Longitude: 118° 54'W
NTS: 82E/7W

Owner/Operator: Camnor Resources Ltd.
860 - 625 Howe St.
Vancouver, B.C.
V6C 2T6

Work Conducted: June 1, 1991 to May 15, 1992

Reported By: David A. Visagie, B.Sc.

June 1992

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

CMB92-420.10

22,396

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	LOCATION, ACCESS, AND PHYSIOGRAPHY	1
3.0	PROPERTY DESCRIPTION	1
4.0	PROPERTY HISTORY	4
5.0	PROPERTY GEOLOGY	6
6.0	1991-2 WORK PROGRAM	7
7.0	CEOCEMISTRY	7
7.1	Method	7
7.2	Results	8
7.2.1	Camnor Soil Results	8
7.2.2	Camnor Rock Chip Sample Results	8
7.2.3	Teck's Results	8
8.0	SUMMARY AND CONCLUSIONS	9
9.0	RECOMMENDATIONS	9
10.0	COST STATEMENT	10
11.0	STATEMENT OF QUALIFICATIONS	12

LIST OF FIGURES

Figure 1	Location Map	2
Figure 2	Claim Map	3
Figure 3	Regional Geology	5
Figure 4	Sample Location and Assay Results	In Folder

APPENDICES

Appendix 1	Sample Descriptions	14
Appendix 2	Assay Results	16

Distribution:

Camnor Resources - 1
Government - 2

1.0 INTRODUCTION

Between June 1, 1991 and May 14, 1992 intermittent work was completed on the Barnato property by both Camnor Resources Ltd. and Teck Exploration Ltd. The purpose of the work was to evaluate areas of known gold mineralization and to complete follow up sampling within areas of known gold in soil anomalies. As a result, a total of 55 rock chip and 17 soil samples were collected.

2.0 LOCATION, ACCESS, AND PHYSIOGRAPHY

The Barnato claims, centred at latitude $49^{\circ}35'N$, longitude $118^{\circ}45'W$ occur on NTS map sheet 82E7W. Access to the property is by logging roads from either the main Kettle Valley road to the east or from Beaverdell to the west. The property has been extensively logged resulting in a network of four wheel drive roads providing access to many of the showings (Figure 1).

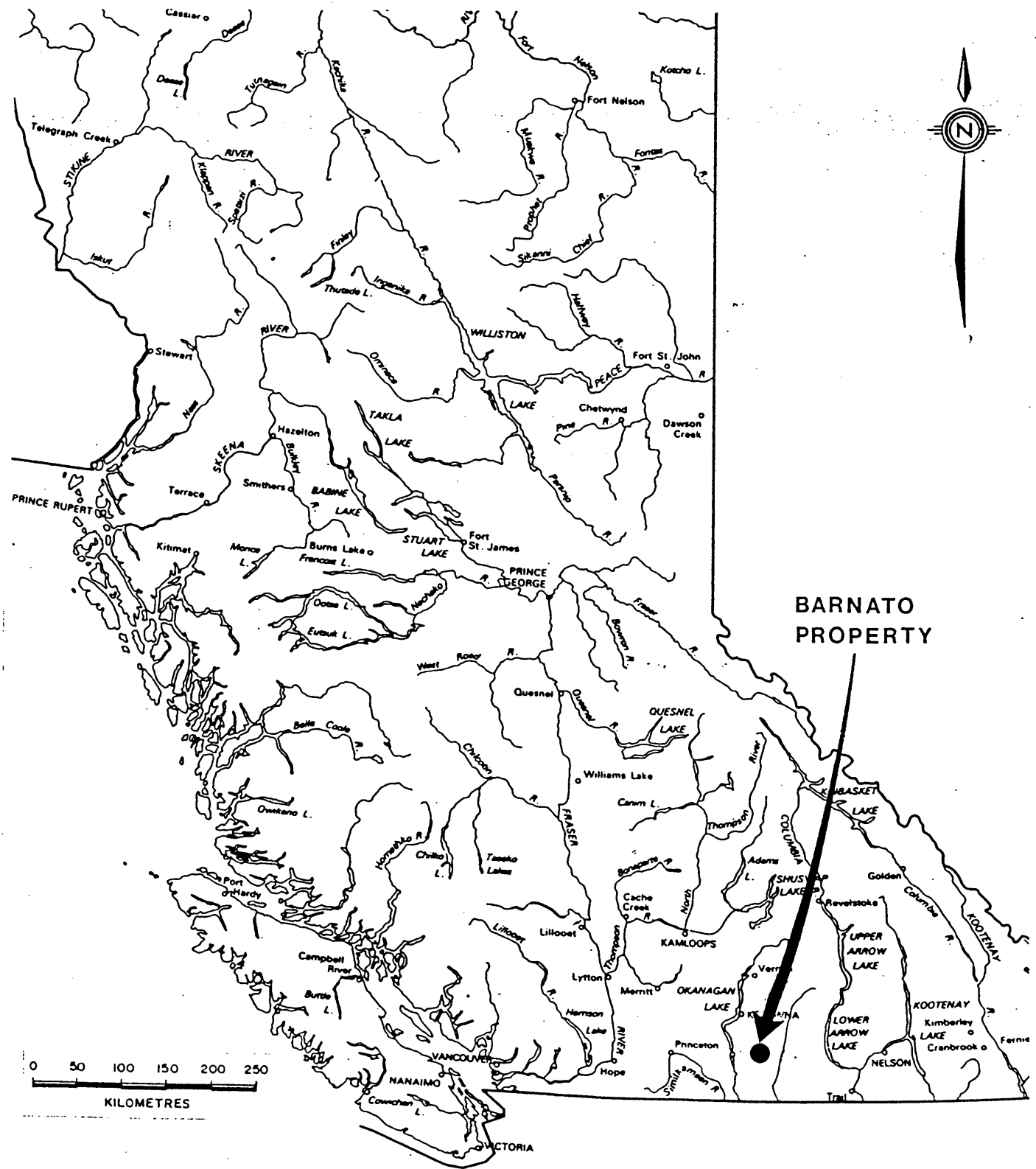
The claims straddle Lake Ridge which separates the Canyon Creek drainage system to the west from that of Crick Creek to the east. They occur primarily on east facing slopes and benches with elevations ranging from 880 to 1000 m.

Average annual precipitation consists of 24 cm of rain and 100 cm of snow, while the temperature averages $1^{\circ}C$ in the winter and $15^{\circ}C$ in the summer. The property is snow free from June to October.

3.0 PROPERTY DESCRIPTION

The property presently consists of the following:

<u>CLAIM</u>	<u>RECORD NO</u>	<u>UNITS</u>	<u>DUE DATE</u>
Mame	214259	1	May 22, 1993
Silver Dollar	214260	1	May 22, 1993
Rambler	214261	1	May 22, 1993
Hunter	214262	1	May 22, 1993
Barnato Fr.	214263	1	May 22, 1993
Hackla	214264	1	May 22, 1993
Anchor	214265	1	May 22, 1993
Denver	214266	1	May 22, 1993
Champion	214267	1	May 22, 1993
Utopia	214268	1	May 22, 1993
Monetor	214269	1	May 22, 1993
Yorkshire Lass	214270	1	May 22, 1993
Silver Bell	214271	1	May 22, 1993
Barnato	214272	1	May 22, 1994
OK	214273	1	May 22, 1993
Kaffir King	214274	1	May 22, 1993



**BARNATO
PROPERTY**

CAMNOR RESOURCES
BEAVERDELL - CHRISTIAN VALLEY AREA
 GREENWOOD MINING DIVISION
 LOCATION MAP
 BARNATO GROUP

Fig. 1.

10311

BAR 7
1034(5)
3S x 5W

Dear
Creek

LOR 5
1234

LOR 6
1235(7)

2N x 3W
3N x 2E
5473(6)
43032 43031

LOR 2
5110(12)
5470

LOR 3
5110(12)
5470

LOR 4
5110(12)
5470

LOR 5
5110(12)
5470

LOR 6
5110(12)
5470

LOR 7
5110(12)
5470

LOR 8
5110(12)
5470

LOR 9
5110(12)
5470

LOR 10
5110(12)
5470

LOR 11
5110(12)
5470

LOR 12
5110(12)
5470

LOR 13
5110(12)
5470

LOR 14
5110(12)
5470

LOR 15
5110(12)
5470

LOR 16
5110(12)
5470

LOR 17
5110(12)
5470

LOR 18
5110(12)
5470

LOR 19
5110(12)
5470

LOR 20
5110(12)
5470

LOR 21
5110(12)
5470

LOR 22
5110(12)
5470

LOR 23
5110(12)
5470

LOR 24
5110(12)
5470

LOR 25
5110(12)
5470

LOR 26
5110(12)
5470

LOR 27
5110(12)
5470

LOR 28
5110(12)
5470

LOR 29
5110(12)
5470

LOR 30
5110(12)
5470

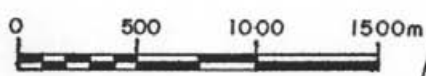
BARNATO
GROUP

Lake

Stewartson Cr.

Creek

LOF
123.
3N x 6
C



5085(12)
L989
Rev.C.G.

1825(10) Rev.C.G. L2302

1971(1)

5270(10)

5271(10)

5272(10)

5273(10)

5274(10)

5275(10)

5276(10)

5277(10)

5278(10)

5279(10)

5280(10)

5281(10)

5282(10)

5283(10)

5284(10)

5285(10)

5286(10)

5287(10)

5288(10)

5289(10)

5290(10)

5291(10)

5292(10)

5293(10)

5294(10)

5295(10)

5296(10)

5297(10)

5298(10)

5299(10)

5300(10)

5301(10)

5302(10)

5303(10)

5304(10)

5305(10)

5306(10)

5307(10)

5308(10)

5309(10)

5310(10)

5311(10)

5312(10)

5313(10)

5314(10)

5315(10)

5316(10)

5317(10)

5318(10)

5319(10)

5320(10)

5321(10)

5322(10)

5323(10)

5324(10)

5325(10)

5326(10)

5327(10)

5328(10)

5329(10)

5330(10)

5331(10)

5332(10)

5333(10)

5334(10)

5335(10)

5336(10)

5337(10)

5338(10)

5339(10)

5340(10)

5341(10)

5342(10)

5343(10)

5344(10)

5345(10)

5346(10)

5347(10)

5348(10)

5349(10)

5350(10)

5351(10)

5352(10)

5353(10)

5354(10)

5355(10)

5356(10)

5357(10)

5358(10)

5359(10)

5360(10)

5361(10)

5362(10)

5363(10)

5364(10)

5365(10)

5366(10)

5367(10)

5368(10)

5369(10)

5370(10)

5371(10)

5372(10)

5373(10)

5374(10)

5375(10)

5376(10)

5377(10)

5378(10)

5379(10)

5380(10)

5381(10)

5382(10)

5383(10)

5384(10)

5385(10)

5386(10)

5387(10)

5388(10)

5389(10)

5390(10)

5391(10)

5392(10)

5393(10)

5394(10)

5395(10)

5396(10)

5397(10)

5398(10)

5399(10)

5400(10)

5401(10)

5402(10)

5403(10)

5404(10)

5405(10)

5406(10)

5407(10)

5408(10)

5409(10)

5410(10)

5411(10)

5412(10)

5413(10)

5414(10)

5415(10)

5416(10)

5417(10)

5418(10)

5419(10)

5420(10)

5421(10)

5422(10)

5423(10)

5424(10)

5425(10)

5426(10)

5427(10)

5428(10)

5429(10)

5430(10)

5431(10)

5432(10)

5433(10)

5434(10)

5435(10)

5436(10)

5437(10)

5438(10)

5439(10)

5440(10)

5441(10)

5442(10)

5443(10)

5444(10)

5445(10)

5446(10)

5447(10)

5448(10)

5449(10)

5450(10)

5451(10)

5452(10)

5453(10)

5454(10)

5455(10)

5456(10)

5457(10)

5458(10)

5459(10)

5460(10)

5461(10)

5462(10)

5463(10)

5464(10)

5465(10)

5466(10)

5467(10)

5468(10)

5469(10)

5470(10)

5471(10)

5472(10)

5473(10)

5474(10)

5475(10)

5476(10)

5477(10)

5478(10)

5479(10)

5480(10)

5481(10)

5482(10)

5483(10)

5484(10)

5485(10)

5486(10)

5487(10)

5488(10)

5489(10)

5490(10)

5491(10)

5492(10)

5493(10)

5494(10)

5495(10)

5496(10)

5497(10)

5498(10)

5499(10)

5500(10)

5501(10)

5502(10)

5503(10)

5504(10)

5505(10)

5506(10)

5507(10)

5508(10)

5509(10)

5510(10)

5511(10)

5512(10)

5513(10)

5514(10)

5515(10)

5516(10)

5517(10)

5518(10)

5519(10)

5520(10)

5521(10)

5522(10)

5523(10)

5524(10)

5525(10)

5526(10)

5527(10)

5528(10)

5529(10)

5530(10)

5531(10)

5532(10)

5533(10)

5534(10)

5535(10)

5536(10)

5537(10)

5538(10)

5539(10)

5540(10)

5541(10)

5542(10)

5543(10)

5544(10)

5545(10)

5546(10)

5547(10)

5548(10)

5549(10)

5550(10)

5551(10)

5552(10)

5553(10)

5554(10)

5555(10)

5556(10)

5557(10)

5558(10)

5559(10)

5560(10)

5561(10)

5562(10)

5563(10)

5564(10)

5565(10)

5566(10)

5567(10)

5568(10)

5569(10)

5570(10)

5571(10)

5572(10)

5573(10)

5574(10)

5575(10)

5576(10)

5577(10)

5578(10)

5579(10)

5580(10)

5581(10)

5582(10)

5583(10)

5584(10)

5585(10)

5586(10)

5587(10)

5588(10)

5589(10)

5590(10)

5591(10)

5592(10)

5593(10)

5594(10)

5595(10)

5596(10)

5597(10)

5598(10)

5599(10)

5600(10)

5601(10)

5602(10)

5603(10)

5604(10)

5605(10)

5606(10)

5607(10)

5608(10)

5609(10)

5610(10)

5611(10)

5612(10)

5613(10)

5614(10)

5615(10)

5616(10)

5617(10)

5618(10)

5619(10)

5620(10)

5621(10)

5622(10)

5623(10)

5624(10)

5625(10)

5626(10)

5627(10)

5628(10)

5629(10)

5630(10)

5631(10)

5632(10)

5633(10)

5634(10)

5635(10)

5636(10)

5637(10)

5638(10)

5639(10)

5640(10)

5641(10)

5642(10)

5643(10)

5644(10)

5645(10)

5646(10)

5647(10)

5648(10)

5649(10)

5650(10)

5651(10)

5652(10)

5653(10)

5654(10)

5655(10)

5656(10)

5657(10)

5658(10)

5659(10)

5660(10)

5661(10)

5662(10)

5663(10)

5664(10)

5665(10)

5666(10)

5667(10)

5668(10)

5669(10)

5670(10)

5671(10)

5672(10)

5673(10)

5674(10)

5675(10)

5676(10)

5677(10)

5678(10)

5679(10)

5680(10)

5681(10)

5682(10)

5683(10)

5684(10)

5685(10)

5686(10)

5687(10)

5688(10)

5689(10)

5690(10)

5691(10)

5692(10)

5693(10)

5694(10)

5695(10)

5696(10)

5697(10)

5698(10)

5699(10)

5700(10)

5701(10)

5702(10)

5703(10)

5704(10)

5705(10)

5706(10)

5707(10)

5708(10)

5709(10)

5710(10)

5711(10)

5712(10)

5713(10)

5714(10)

5715(10)

5716(10)

5717(10)

5718(10)

5719(10)

5720(10)

5721(10)

5722(10)

5723(10)

5724(10)

5725(10)

5726(10)

5727(10)

5728(10)

5729(10)

5730(10)

5731(10)

5732(10)

5733(10)

5734(10)

5735(10)

5736(10)

5737(10)

5738(10)

5739(10)

5740(10)

5741(10)

5742(10)

5743(10)

5744(10)

5745(10)

5746(10)

5747(10)

5748(10)

5749(10)

5750(10)

5751(10)

5752(10)

5753(10)

5754(10)

5755(10)

5756(10)

5757(10)

5758(10)

5759(10)

5760(10)

5761(10)

5762(10)

5763(10)

5764(10)

5765(10)

5766(10)

5767(10)

5768(10)

5769(10)

5770(10)

5771(10)

5772(10)

5773(10)

5774(10)

5775(10)

5776(10)

5777(10)

5778(10)

5779(10)

5780(10)

5781(10)

5782(10)

5783(10)

5784(10)

5785(10)

5786(10)

5787(10)

5788(10)

5789(10)

5790(10)

5791(10)

5792(10)

5793(10)

5794(10)

5795(10)

5796(10)

5797(10)

5798(10)

5799(10)

5800(10)

5801(10)

5802(10)

5803(10)

5804(10)

5805(10)

5806(10)

5807(10)

5808(10)

5809(10)

5810(10)

5811(10)

5812(10)

5813(10)

5814(10)

5815(10)

5816(10)

5817(10)

5818(10)

5819(10)

5820(10)

5821(10)

5822(10)

5823(10)

5824(10)

5825(10)

5826(10)

5827(10)

5828(10)

5829(10)

5830(10)

5831(10)

5832(10)

5833(10)

5834(10)

5835(10)

5836(10)

5837(10)

5838(10)

5839(10)

5840(10)

5841(10)

5842(10)

5843(10)

5844(10)

5845(10)

5846(10)

5847(10)

5848(10)

5849(10)

5850(10)

5851(10)

5852(10)

5853(10)

5854(10)

5855(10)

5856(10)

5857(10)

5858(10)

5859(10)

5860(10)

5861(10)

5862(10)

5863(10)

5864(10)

5865(10)

5866(10)

5867(10)

5868(10)

5869(10)

5870(10)

5871(10)

5872(10)

5873(10)

5874(10)

5875(10)

5876(10)

5877(10)

5878(10)

5879(10)

5880(10)

5881(10)

5882(10)

5883(10)

5884(10)

5885(10)

5886(10)

5887(10)

5888(10)

5889(10)

5890(10)

5891(10)

5892(10)

5893(10)

5894(10)

5895(10)

5896(10)

5897(10)

5898(10)

5899(10)

5900(10)

5901(10)

5902(10)

5903(10)

5904(10)

5905(10)

5906(10)

5907(10)

5908(10)

5909(10)

5910(10)

5911(10)

5912(10)

5913(10)

5914(10)

5915(10)

5916(10)

5917(10)

5918(10)

5919(10)

5920(10)

5921(10)

5922(10)

5923(10)

5924(10)

5925(10)

5926(10)

5927(10)

5928(10)

5929(10)

5930(10)

5931(10)

5932(10)

5933(10)

5934(10)

5935(10)

5936(10)

5937(10)

5938(10)

5939(10)

5940(10)

5941(10)

5942(10)

5943(10)

5944(10)

5945(10)

5946(10)

5947(10)

5948(10)

5949(10)

5950(10)

5951(10)

5952(10)

5953(10)

5954(10)

5955(10)

5956(10)

5957(10)

5958(10)

5959(10)

5960(10)

5961(10)

5962(10)

5963(10)

5964(10)

5965(10)

5966(10)

5967(10)

5968(10)

5969(10)

5970(10)

5971(10)

5972(10)

5973(10)

5974(10)

5975(10)

5976(10)

5977(10)

5978(10)

5979(10)

5980(10)

5981(10)

5982(10)

5983(10)

5984(10)

5985(10)

5986(10)

5987(10)

5988(10)

5989(10)

5990(10)

5991(10)

5992(10)

5993(10)

5994(10)

5995(10)

5996(10)

5997(10)

5998(10)

5999(10)

6000(10)

BLUEJAY 8D
3768(6) 4356(6)

BLUEJAY 8B
4354(6)

Guttridge

MONTANA
4309(4)
4S x 4E

CAMNOR RESOURCES
BEAVERDELL - CHRISTIAN VALLEY AREA
GREENWOOD MINING DIVISION
CLAIM MAP
BARNATO GROUP

Fig. 2

Claim List Continued:

<u>CLAIM</u>	<u>RECORD NO</u>	<u>UNITS</u>	<u>DUE DATE</u>
Kingston Fr.	214341	1	Oct. 22, 1993
North Star	214342	1	Oct. 22, 1993
Caledonia	214343	1	Oct. 22, 1993
Houston	214344	1	Oct. 22, 1993
Boston	214347	1	Oct. 22, 1993
Ivanhoe	214348	1	Oct. 22, 1993
Mona	214349	1	Oct. 22, 1993
Kingston	214350	1	Oct. 22, 1993
Mexico	214351	1	Oct. 22, 1993
Boston	214352	1	Oct. 22, 1993
Highland Mary	214354	1	Oct. 22, 1993
Coin Fr.	214506	1	Oct. 27, 1993
Pan 1	215382	4	July 17, 1993
Pan 2	215383	20	July 18, 1993

Camnor Resources Ltd. holds a 100% interest in the property and is the operator (Figure 3).

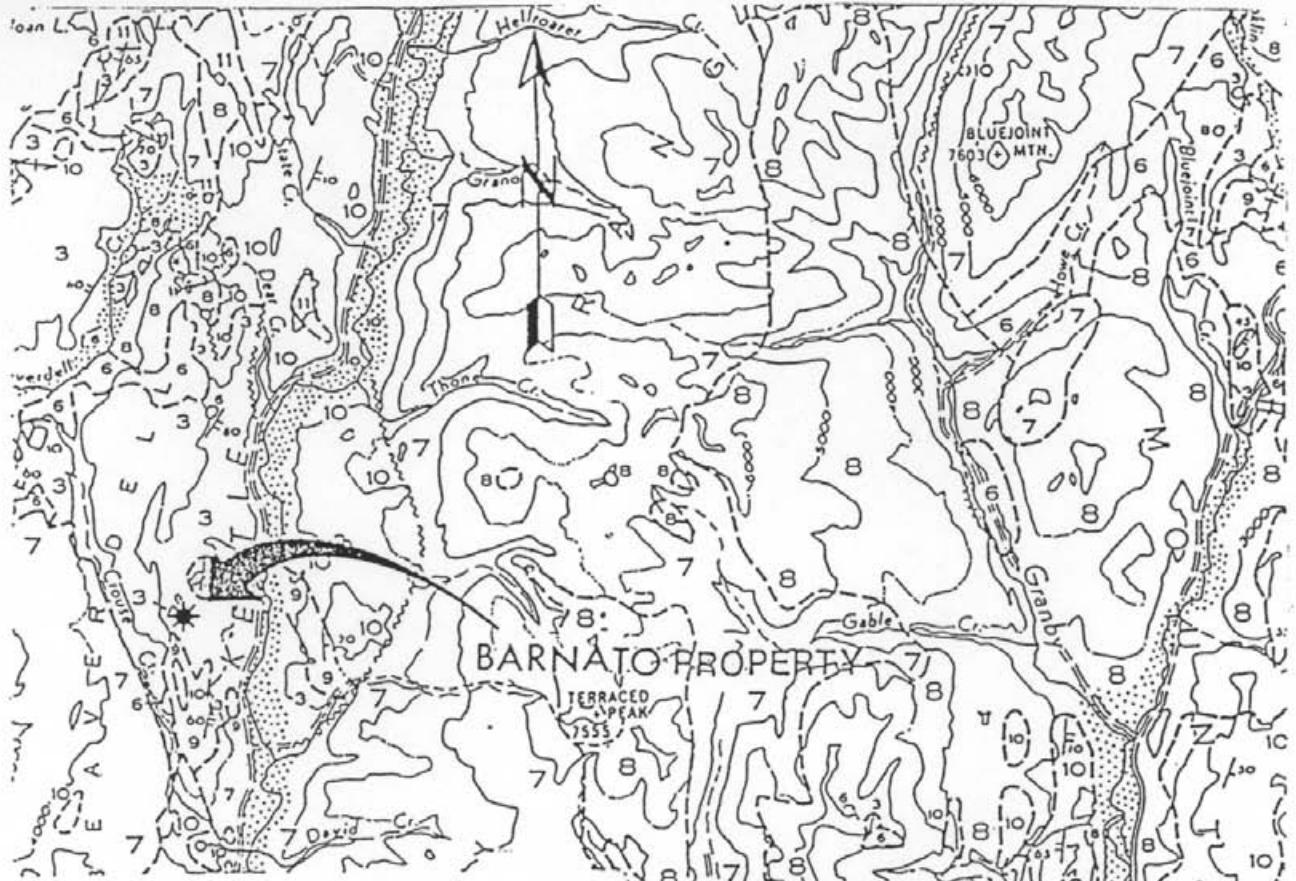
4.0 PROPERTY HISTORY

The Barnato property has been sporadically worked on for over a century with many of the claims being originally staked prior to 1878. Surface programs consisting of prospecting and trenching led to the discovery of gold in 1896. In 1933 subsequent development, centred on the Barnato crown grant, resulted in the shipping of two cars of hand sorted ore totalling 84.9 tons to Tacoma, Washington for smelting. The ore averaged 1.58 opt Au, 0.23 opt Ag and 10.17% As.

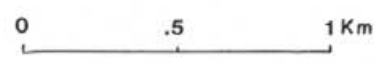
In 1938, Cominco optioned the property and completed an exploration program consisting of mapping, prospecting, test pitting and drilling. The results showed the veins in the vicinity of the main Barnato workings to diminish in thickness and grade with depth and to be erratic along strike.

During 1965 and 1966, Amcana Gold Mines conducted a program of road building, claim surveying, trenching and diamond drilling (four short holes). The work was again concentrated in the vicinity of the Barnato main workings.

In 1977, Camnor Resources Ltd. acquired the property from G. Bleiler. Since then it has completed several programs consisting of ground and air geophysics, soil and rock chip sampling, mapping, trenching, prospecting and limited diamond drilling (5 NQ holes totalling 302.9 m).



- LEGEND
- GENEOIC**
 - TERTIARY (MIOCENE?)**
 - 11 Basalt, olivine basalt
 - PALEOCENE OR EOCENE**
 - PHOENIX VOLCANIC GROUP**
 - 10 Andesite, trachyte; minor basalt; locally, interbedded tuff, shale, and/or siltstone
 - 9 KETTLE RIVER FORMATION: rhyolite and dacite tuff; locally, conglomerate, sandstone, and shale; minor rhyolite flows and intrusive porphyritic rhyolite
 - PALEOCENE(?)**
 - 8 CORYELL INTRUSIONS: syenite; monzonite, shonkinite and granite
 - MESOZOIC**
 - CRETACEOUS(?)**
 - LOWER CRETACEOUS(?)**
 - 7 VALHALLA INTRUSIONS: granite, porphyritic granite
 - 6 NELSON INTRUSIONS: granodiorite, porphyritic granite, diorite, monzonite, quartz monzonite
 - 5 Ultrabasic intrusions, serpentinite
 - JURASSIC**
 - 4 ROSSLAND GROUP: Andesite, latite; agglomerate and flow breccia, minor greywacke
 - PALAEZOIC**
 - PERMIAN(?)**
 - 3 ANARCHIST GROUP: Greenstone, greywacke, limestone; paragneiss
 - PENNSYLVANIAN AND/OR PERMIAN**
 - 2 MOUNT ROBERTS FORMATION: greywacke, greenstone, limestone; paragneiss
 - PROTEROZOIC (?)**
 - 1 MONASHEE AND GRAND FORKS GROUPS: Paragneiss; minor crystalline limestone and pegmatite



CAMNOR RESOURCES
BEAVERDELL - CHRISTIAN VALLEY ARE
 GREENWOOD MINING DIVISION
 REGIONAL GEOLOGY
 BARNATO GROUP

Fig.3

Golden Seal Resources optioned the property in 1986 and completed a small percussion drill program totalling 202.4 m in four holes. Due to negative results Golden Seal terminated the option. Since then limited soil and rock chip sampling and mapping programs have been completed by Camnor Resources Ltd.

5.0 PROPERTY GEOLOGY

The Barnato property is primarily underlain by Late Paleozoic to Early Mesozoic andesitic volcanic and volcanoclastic rocks of the Wallace (Anarchist) Formation. These rocks locally consist of metamorphosed andesitic tuffs and flows, chert and volcanic derived sedimentary rocks. The Wallace Formation is in turn intruded by quartz diorite plugs and dykes associated with the West Kettle Pluton. The volcanic rocks trend approximately north-northwest.

Bedrock exposure on the claim is in excess of 15%. Trenching and pitting is widespread throughout the property. Mapping has shown two dominant rock types to exist on the property:

- | | |
|-------------------------------|-------------------------------------------------------------------------------|
| Quartz Diorite - Granodiorite | - medium coarse grained, and in part porphyritic with variable mafic content. |
| Andesite | - fine grained, in part foliated. Variably silicified. |

Limestone has been observed to be interbedded within the andesites. Porphyritic dykes are observed to cross-cut all the units.

The andesitic rocks are generally intensely hornfelsed along the contact with the intrusive plugs.

Mineralization consisting of pyrite, pyrrhotite, minor magnetite, arsenopyrite and chalcopyrite with some gold, occurs in quartz veins, fracture fillings, and as disseminations within both quartz diorite and the andesitic volcanics. The mineralization appears to be in part localized along the contact between the intrusive and host rocks.

Additional information on the regional geology is provided by GSC Memoir 79 (Reincake 1910, 1915 and Geological Series and Geology No. 65 (Little, 1953, 1956).

6.0 1991-2 WORK PROGRAM

The purpose of Teck's 1991 work was to evaluate the property and its showings with the purpose of determining whether it should be optioned. In the course of their investigations Teck personnel collected 1 soil and 46 rock chip samples from various locations on the property. In 1992 Camnor completed limited soil and rock chip sampling in various areas for assessment purposes. As a result a total of 9 rock chip and 17 soil samples were collected. The soil samples were collected at 25 metre intervals along a 400 metre long chained line that was established through the centre of a previously outlined gold anomaly. The majority of rock chip samples taken by Camnor were from an area immediately adjacent to a shear zone that averaged .051 opt Au over a 5 metre exposed strike length. Between the two companies, Teck and Camnor, a total of 7.5 man-days of labour were spent on the property.

7.0 GEOCHEMISTRY

7.1 Method

Two to five kg representative rock chip samples were taken over measured lengths from trenches, pits and bedrock exposures, stored in plastic bags, sorted and sent for analysis. In addition, grab samples were taken from dumps and selected outcrops. Soil samples were taken from the "B" horizon using a mattock, stored in Kraft sample bags, dried then sent for analysis.

All samples collected by Teck were sent to Acme Labs while those taken by Camnor were sent to Vangeochem Labs. Both labs are located in Vancouver.

The following is an outline of the procedure used for the preparation and analysis of the samples at Vangeochem:

Soil samples are dried if necessary then sieved to -80 mesh by hand using a stainless steel sieve. Rock chip samples are dried (if necessary), crushed to pulp size and pulverized to approximately -140 mesh.

For the 30 element I.C.P. analysis, a 10 g sample is digested with 3 ml of 3:1:3 nitric acid to hydrochloric to water at 90°C for 1 1/2 hours. The sample is then diluted to 20 ml with demineralized water and analyzed. The leach is partial for Al, B, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, Q, Sb, Ti, U, and W.

For gold determination by atomic absorption a 10.0 g sample that has been ignited overnight at 600°C is digested with hot dilute aqua regia and the clear solution obtained is extracted with Methyl Isobutyl Ketone (MIBK). Gold is determined in the MIBK extract by atomic absorption using a background detection (Detection limit: Vangeochem 5 ppb and Acme 1 ppb).

Acme uses basically the same procedure. For gold fire assay a 1 assay ton sample is used.

7.2 Results

The sample locations and results for gold are plotted on Figure 5. The sample descriptions are listed in Appendix 1 while Appendix 2 lists the assay results. The sample descriptions for the Teck work are only partially complete.

7.2.1 Camnor Soil Results

A total of 17 soil samples were taken in the course of the program. The results show that erratic spot highs occur throughout the previously outlined anomaly. The values range from non-detected to 150 ppb Au. Although significant in soil gold values occur no distinct zone was outlined. Three rock chip samples of quartz vein outcrop located in a small pit at 1+75 N all returned negative values with the best sample being 23 ppb Au.

7.2.2 Camnor Rock Chip Sample Results

Eight rock chip samples were taken from the area located adjacent to a shear zone that averaged .051 opt Au over an exposed 5 metre strike length within granodiorite. The samples all returned low values with the best sample assaying 90 ppb Au.

7.2.3 Teck's Results

Teck's samples were taken from known zones of mineralization located throughout the property. In the vicinity of the Barnato showing sampling has shown arsenic bearing quartz veins to contain anomalous gold values with the best sample, a grab assaying .178 opt Au containing in excess of 1% As. Previous mapping and sampling has shown the veins to have limited strike length and width.

On the OK crown grant previous sampling and mapping have shown small pyrrhotite pods to contain weakly anomalous gold values. Sampling by Teck of these pods returned similar to previous values with all of the samples containing less than 100 ppb Au. A chip sample located in the north-east corner of the crown grant assayed .210 opt Au. The style of mineralization and its extent are presently not known by the author.

Along the southern Pan 1 claim boundary, near the western edge of the Houston crown grant, grab samples of a 1 metre wide quartz diorite hosted, gossanous, breccia zone assayed 1.106 and 1.303 opt Au. The source of the gold is not known. According to Teck the showing has limited size. In the immediate vicinity narrow shears and veinlets returned anomalous gold values with the best sample averaging .194 opt Au over 20 cm. A soil sample taken immediately

adjacent to the breccia zone returned a value of 20.2 ppb Au.

Approximately 100 metres to the north of this showing occurs a heavily oxidized shear zone within quartz diorite on which a small pit has been located. A .9 metre sample taken across the shear assayed .102 opt Au while a grab sample of pyrrhotite/pyrite rich material taken from the dump assayed .238 opt Au.

Sampling elsewhere on the property by Teck failed to locate any other areas of interest.

8.0 SUMMARY AND CONCLUSIONS

The Barnato property occurring in south central British Columbia is road accessible. The property, a gold + silver prospect has been intermittently worked on since 1878. Mapping has shown it to be underlain by Late Paleozoic to Early Mesozoic volcanic flows, tuffs and volcanic derived sediments that have been intruded by quartz diorite to granodiorite plugs and dykes. Mineralization consisting of trace to massive pyrite, pyrrhotite and arsenopyrite occurs in both the volcanics and intrusives as fracture fillings, disseminations and within quartz veins generally in close proximity to the volcanic-intrusive contact.

Prospecting completed by Teck located an old showing near the southern boundary of the Pan 1. The showing consists of a small gossanous breccia zone within a quartz diorite host. With the exception of minor pyrite no sulphides were noted. Two grab samples taken from the breccia assayed 1.106 and 1.303 opt Au. Within the immediate vicinity rock chip sampling of narrow shear hosted quartz veins returned encouraging values with the best sample averaging .194 opt Au over 20 cm.

Approximately 100 metres to the north a small shear zone was sampled and returned encouraging values. A .9 metre wide sample taken across the shear assayed .194 opt Au while a grab sample of pyrite/pyrrhotite rich rock from a nearby dump assayed .238 opt Au.

Sampling in the vicinity of the Barnato workings showed narrow arsenopyrite bearing veins to contain anomalous gold values.

The Barnato property has several showings on it. The majority are shear hosted quartz veins and fractures in which variable amounts of pyrite, arsenopyrite and pyrrhotite occur.

9.0 RECOMMENDATIONS

It is recommended that additional prospecting, mapping and sampling be completed on the property with the purpose of locating and defining additional zones of interest.

B Teck Corporation

1.	Labour						Total: \$1550.00
	J. Poulter, Geologist	June 29 @ \$275/day					
	C. Lormand, Geologist	June 29 @ \$225/day					
	W. Merton, Consultant	June 26,27 Aug. 13 @ \$350/day					
2.	Room & Board						Total: \$ 375.00
	5 man days @ \$75/day						
3.	Truck rental						Total: \$ 292.86
	Poulter/Lormand @ \$100/day						
	Morton (total of all bills)						
4.	Freighting						Total: \$ 55.00
	Shipping samples to Vancouver.						
5.	Supplies						Total: \$ 50.00
	bags, flagging, pens, mylar, etc.						
	equipment costs pro-rated (packsack, rock hammer compasses)						
6.	Telephone charges						Total: \$ 29.96
7.	Assaying Charges (Acme)						Total: \$ 822.83
Sample	#	Prep	ICP	Au Assay	Au Ceoc	As Assay	
		3.25/1.00	\$4.50	\$9.00	\$5.00	\$7.50	
Rock	48	156.00	216.00	279.00	85.00	22.50	
Soil	1	1.00	4.50		5.00		
							Total \$769.00 x 7% GST = 822.83
							Sub-total: \$ 3175.65
8.	Management fee (10%)						Total: \$ 317.57
							TOTAL: <u>\$3493.22</u>
							Teck Total: \$3493.22
							Camnor Total: <u>\$2759.97</u>
							GRAND TOTAL: \$6253.19

11.0 STATEMENT OF QUALIFICATIONS

I, D.A. Visagie of #860 - 625 Howe Street, Vancouver, B.C., hereby declare:

1. That I graduated from the University of British Columbia with a Bachelor of Science degree majoring in Geology in 1976.
2. That I have been steadily employed in the mining industry since then and have been employed by International Northair Mines Ltd. since January 1990 as the Senior Geologist.
3. That the work undertaken on the Barnato property was carried out in my presence and under my supervision.

Dated at Vancouver, B.C., June 19, 1992.

A handwritten signature in cursive script, appearing to read 'D.A. Visagie', written over a horizontal line.

D.A. Visagie
Senior Geologist
NORTHAIR MINES LTD.

APPENDICES

Appendix 1 Sample Descriptions

Camnor Sample Description

<u>Sample #</u>	<u>Assay (ppb)</u>	<u>Description</u>
1	nd	- chip over 1 m, quartz diorite, minor quartz vein.
2	90	- grab, gossanous quartz diorite float.
3	nd	- quartz diorite, 1m x 1m area.
4	nd	- 1m x 1m chip of gossanous quartz diorite.
5	nd	- 1m chip across narrow 10cm qv zone in quartz diorite.
6	nd	- 1m chip quartz diorite.
7	nd	- 1m chip quartz diorite.
8	20	- 1m chip quartz diorite.
9	nd	- 1m chip across 1/2m shear zone.

Teck Sample Description

<u>Sample #</u>	<u>Assay (oz/t)</u>	<u>Description</u>
91-1	.001	- grab over 20'x20' rubbly hill, possibly andesite dyke.
91-2	.004	- grab over 25'x25' rubbly hill. Oxidized quartz diorite.
91-3	.002	- grab over 50'x50' area with intense fracturing and quartz vein stockwork at 350° and 080° in clay altered quartz diorite.
91-4	.008	- grab over 10'x10' area in fractured oxidized quartz diorite.
91-5	1.106	- grab from rubbly breccia zone. Width <3'.
91-6	.060	- grab over 20'x20' area in "crowded porphyry". Fracturing at 345°.
91-7	.003	- grab from dump from shaft. Structure at 310° in oxidized quartz diorite.
91-8	.013	- grab from heavily oxidized dump at shaft. Repeat of earlier .415 oz/t sample. Structure 310° in quartz diorite.
91-9	.005	- grab from pit beside road. Repeat of .003 oz/t sample. Fractured, oxidized quartz diorite at 050° and 070°.
91-10	.001	- grab over 100'x100' rubbly outcrop oxidized quartz diorite. Clay altered and heavily fractured.
91-11	.001	- chip sample over 5.5' in trench in quartz diorite with structures at 030°, 360° and 320°.
91-12	.012	- chip sample over 12' in same trench as

		91-11, west wall.
91-13	.008	- chip sample over 13' in same trench as 91-11, west wall.
91-14	.040	- chip sample over 5'. Trench or shallow shaft on Pan 1 claim line. East wall, north end. Hb.qtz.dio.
91-15	.102	- chip sample over 3' beside 91-14. Includes a heavily oxidized 12" shear zone.
91-16	.007	- chip sample over 3' beside 91-15.
91-17	.007	- chip sample over 4' beside 91-16.
91-17Dump	.238	- grab of pyrrhotite/pyrite rich dump material.
91-18	.010	- chip sample over 4'. Trench 90-1, Pan 1. Original sampling was along 1' wide E-W structure.
91-19	.059	- chip sample over 3'. Same trench as 91-18 across a quartz oxidized shear.
91-20	.024	- grab sample from 20'x20' rubbly quartz digrite outcrop. Fracturing at 050°, dip 80° NW. Same rock as in trench at 91-11.
91-21	.002	- grab of pyrrhotite/pyrite rich dump from shaft on skarn zone at 330°. Wallace formation.
91-22	.001	- grab, select solid sulphide pyrrhotite/pyrite/arseno? from 3'-5' wide skarn zone in Wallace.
91-23	.003	- grab, select solid sulphide same zone as 91-22.
91-4B	.194	- 20 cm AsPy vein 3m east of old 91-4. Strike NS, dip 60°E. Chip.
91-4C	.003	- breccia on road. Possibly rusty Wallace. Grab.
91-5B	1.303	- resample of rusty, rubbly breccia. The only sample to return Mo values. Unknown width. Grab.
91-5C	.030	- rusty country rock rubble from area around 5B. No fresh outcrop. Grab. Quartz diorite.
91-5D	.003	- rusty 10cm shear zone at N70°E. Grab.
91-6B	.008	- resample of country rock around old 91-6. Grab over 10m x 15m area. Rusty quartz diorite.
91-6C	.078	- sample of 20cm shear. NS strike, dip 45°E. Patchy AsPy in shear. Chip.
91-6D	20.2	- soil sample between shear zone 91-6C and breccia at 91-5B. Red brown soil.



MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
TEL (604) 251-5656
FAX (604) 254-5717

BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

GEOCHEMICAL ANALYTICAL REPORT
=====

CLIENT: THE NORTHAIR GROUP
ADDRESS: 860 - 625 Howe St.
: Vancouver, BC
: V6C 2T6

DATE: MAY 21 1992

REPORT#: 920041 GA
JOB#: 920041

PROJECT#: NONE GIVEN
SAMPLES ARRIVED: MAY 19 1992
REPORT COMPLETED: MAY 21 1992
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 920041 NA
TOTAL SAMPLES: 17
SAMPLE TYPE: 17 SOIL
REJECTS: DISCARDED

SAMPLES FROM: MR. DAVE VISAGIE
COPY SENT TO: THE NORTHAIR GROUP

PREPARED FOR: MR. DAVE VISAGIE

ANALYSED BY: Raymond Chan

SIGNED: _____
Raymond Chan

GENERAL REMARK: RESULTS FAXED TO MR. DAVE VISAGIE @ 689-5041.

REPORT NUMBER: 920041 GA

JOB NUMBER: 920041

THE NORTHAIR GROUP

PAGE 1 OF 1

SAMPLE #	Au
	ppb
0+00	nd
0+25	nd
0+50	130
0+75	nd
1+00	nd
1+25	nd
1+50	30
1+75	150
2+00	nd
2+25	nd
2+50	nd
2+75	nd
3+00	nd
3+25	nd
3+50	20
3+75	20
4+00	20

DETECTION LIMIT

nd = none detected

-- = not analysed

5

ls = insufficient sample

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: THE NORTHAIR GROUP
ADDRESS: 860 - 625 Howe St.
: Vancouver, BC
: V6C 2T6

DATE: MAY 21 1992

REPORT#: 920040 GA
JOB#: 920040

PROJECT#: NONE GIVEN
SAMPLES ARRIVED: MAY 19 1992
REPORT COMPLETED: MAY 21 1992
ANALYSED FOR: Au (FA/AAS) ICP

INVOICE#: 920040 NA
TOTAL SAMPLES: 8
SAMPLE TYPE: 8 ROCK CHIPS
REJECTS: SAVED

SAMPLES FROM: MR. DAVE VISAGIE
COPY SENT TO: THE NORTHAIR GROUP

PREPARED FOR: MR. DAVE VISAGIE

ANALYSED BY: Raymond Chan

SIGNED: 

GENERAL REMARK: RESULTS FAXED TO MR. DAVE VISAGIE @ 689-5041.

REPORT NUMBER: 920040 GA

JOB NUMBER: 920040

THE NORTHAIR GROUP

PAGE 1 OF 1

SAMPLE #	Au
1	ppb
2	nd
3	90
4	nd
5	nd
7	nd
8	20
9	nd

DETECTION LIMIT
nd = none detected

-- = not analysed

5
ls = insufficient sample

VANGEOCHEM LAB LIMITED

1630 Pandora Street, Vancouver, B.C. V5L 1L6
Ph: (604)251-5656 Fax: (604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO₃ to H₂O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST:

REPORT #:	THE NORTHAIR GROUP		PROJECT: None Given										DATE IN: MAY 19 1992		DATE OUT: MAY 21 1992		ATTENTION: MR. DAVE VISAGIE						PAGE 1 OF 1			
Sample Name	Ag	Al	As	*Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0+00	0.1	2.28	50	<5	87	9	0.05	0.8	8	11	11	1.64	0.60	0.12	376	14	0.03	14	0.18	<2	<2	15	9	<5	<3	96
0+25	0.1	3.21	30	<5	43	<3	0.61	<0.1	8	10	15	1.58	0.57	0.17	160	18	0.04	8	0.05	<2	<2	10	29	<5	<3	63
0+50	0.3	2.89	27	130	115	<3	0.21	<0.1	10	15	18	2.16	0.61	0.27	298	17	0.03	14	0.12	<2	<2	10	22	<5	<3	74
0+75	0.1	2.55	86	<5	66	4	0.61	<0.1	13	23	43	3.56	0.71	0.66	543	19	0.05	16	0.04	2	<2	2	44	<5	<3	76
1+00	<0.1	2.53	30	<5	66	<3	0.27	0.1	11	18	26	2.34	0.51	0.35	341	16	0.03	14	0.10	<2	<2	9	23	<5	<3	63
1+25	0.5	3.17	62	<5	91	<3	0.18	<0.1	13	17	36	2.63	0.68	0.37	259	18	0.05	19	0.19	<2	<2	9	22	<5	<3	83
1+50	0.1	1.48	58	30	56	<3	0.42	<0.1	12	25	24	2.71	0.70	0.60	306	12	0.04	15	0.07	2	<2	<2	61	<5	<3	50
1+75	0.1	1.62	146	150	48	<3	0.34	<0.1	14	24	58	2.96	0.63	0.47	358	14	0.03	22	0.07	6	<2	<2	40	<5	<3	57
2+00	0.3	2.83	49	<5	105	<3	0.15	<0.1	15	21	41	2.90	0.65	0.39	355	18	0.04	24	0.12	<2	<2	11	19	<5	<3	85
2+25	0.4	3.32	27	<5	112	<3	0.25	<0.1	22	33	67	3.94	0.85	0.66	615	23	0.05	31	0.10	2	<2	7	42	<5	<3	94
2+50	0.3	2.71	22	<5	194	<3	0.18	0.2	14	26	40	2.70	0.59	0.54	317	19	0.05	19	0.08	<2	<2	5	29	<5	<3	76
2+75	0.3	2.95	21	<5	83	<3	0.19	0.2	12	24	34	3.00	0.70	0.54	379	19	0.04	17	0.13	<2	<2	7	38	<5	<3	76
3+00	0.2	2.79	29	<5	110	3	0.31	0.9	16	25	52	3.32	0.75	0.57	463	18	0.03	20	0.07	<2	<2	10	53	<5	<3	87
3+25	0.3	3.73	37	<5	106	<3	0.16	<0.1	34	25	90	4.21	0.79	0.47	659	25	0.06	28	0.13	<2	<2	13	29	<5	<3	92
3+50	0.2	2.66	16	20	115	<3	0.18	<0.1	19	25	49	3.14	0.71	0.53	355	19	0.03	23	0.09	<2	<2	<2	31	<5	<3	73
3+75	0.2	2.62	23	20	109	<3	0.20	0.1	14	25	40	3.05	0.64	0.63	346	17	0.03	19	0.09	<2	<2	6	34	<5	<3	75
4+00	0.4	4.07	62	20	98	3	0.21	<0.1	16	18	44	3.21	0.74	0.49	600	24	0.04	16	0.14	<2	<2	10	27	<5	<3	90
Minimum Detection	0.1	0.01	3	5	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	10000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample *Au Analysis Done By Fire Assay Concentration / AAS Finish.

VANGEOCHEM LAB LIMITED

1630 Pandora Street, Vancouver, B.C. V5L 1L6
 Ph: (604) 251-5656 Fax: (604) 254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO₃ to H₂O at 95 °C for 90 minutes and is diluted to 10 ml with water.
 This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: *Ryall*

REPORT #: 920040 PA

THE NORTHAIR GROUP

PROJECT: None Given

DATE IN: MAY 19 1992

DATE OUT: MAY 21 1992

ATTENTION: MR. DAVE VISAGIE

PAGE 1 OF 1

Sample Name	Ag	Al	As	*Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn	
	ppm	%	ppm	ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
1	0.2	1.12	33	<5	49	<3	0.77	0.9	8	18	30	1.72	0.60	0.44	339	11	0.17	1	0.10	<2	<2	10	50	<5	<3	22	
2	0.1	1.46	19	90	57	<3	0.52	<0.1	8	26	50	3.16	0.70	0.68	246	14	0.15	2	0.10	<2	<2	5	65	<5	<3	19	
3	0.1	2.21	21	<5	138	<3	1.35	<0.1	12	20	20	3.04	0.80	0.80	502	15	0.30	<1	0.09	<2	<2	9	126	<5	<3	29	
4	0.1	2.13	23	<5	169	<3	0.77	<0.1	15	33	15	4.15	0.81	1.18	779	18	0.14	6	0.10	<2	<2	5	50	<5	<3	51	
5	0.1	1.98	3	<5	65	<3	0.77	0.5	12	17	9	3.51	0.63	0.86	734	16	0.11	7	0.10	<2	<2	2	66	<5	<3	42	
7	0.1	2.72	14	<5	352	<3	1.14	<0.1	16	22	12	4.46	1.13	1.27	865	19	0.23	<1	0.11	<2	<2	10	66	<5	<3	56	
8	0.1	1.62	<3	20	59	<3	1.17	0.1	10	23	11	2.76	0.60	0.62	433	14	0.12	4	0.10	<2	4	<2	99	<5	<3	27	
9	0.1	1.23	3	<5	22	<3	0.50	<0.1	15	53	121	3.29	0.55	0.80	221	17	0.07	17	0.07	3	<2	5	23	<5	<3	19	
Minimum Detection	0.1	0.01	3	5	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1	
Maximum Detection	50.0	10.00	2000	10000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000	
< - Less Than Minimum	> - Greater Than Maximum is - Insufficient Sample ns - No Sample *Au Analysis Done By Fire Assay Concentration / AAS Finish.																										



GEOCHEMICAL/ANALYSIS CERTIFICATE



J.W. Murton & Associates PROJECT BAR File # 91-2973 Page 1

1567 McNaughton Road, Kelowna BC V1Z 2S2 Submitted by: J.W. MURTON

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** oz/t	As %
91-4B	3	244	7	13	1.2	31	212	151	9.59	48880	5	6	1	35	.2	8	24	36	.60	.049	3	1	.32	20	.08	2	1.28	.05	.10	1	.194	4.63
91-4C	1	111	4	16	.2	2	3	139	5.43	109	5	ND	1	30	.2	2	2	66	.22	.060	4	9	.82	38	.10	2	1.28	.05	.09	1	.003	-
91-5B	109	305	6	23	7.8	6	16	286	9.35	1446	5	55	1	19	.2	2	66	83	.13	.068	63	13	.95	23	.08	2	1.40	.03	.06	1	1.303	.17
91-5C	5	118	4	15	.4	9	9	154	3.02	69	5	2	1	38	.2	2	5	63	.68	.092	7	10	.59	47	.18	2	1.14	.09	.13	1	.030	-
91-5D	1	138	3	6	.6	2	1	93	10.54	154	5	ND	1	34	.2	2	3	139	.14	.055	2	7	.35	88	.41	2	.93	.05	.16	1	.003	-
91-6B	1	77	2	23	.3	7	9	268	2.96	309	5	ND	1	48	.2	2	2	46	.54	.072	5	13	.72	40	.14	3	1.41	.09	.24	1	.008	-
91-6C	1	338	3	15	.7	7	143	174	8.37	38156	5	ND	1	45	.2	5	11	49	.09	.043	3	1	.62	70	.09	2	1.31	.08	.17	1	.078	3.59

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: P1 ROCK P2 SOIL AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.

DATE RECEIVED: JUL 30 1991 DATE REPORT MAILED: *Aug 5/91* SIGNED BY: *D. Toye* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
91-60	2	18	11	72	.2	12	9	546	2.19	33	5	ND	3	17	.2	2	2	33	.16	.090	6	14	.22	71	.14	3	2.86	.02	.06	1	20.2

23



ASSAY CERTIFICATE



J.W. Murton & Associates PROJECT BAR FILE # 91-2180

1567 McNaughton Road, Kelowna BC V1Z 2S2

SAMPLE#	Au** oz/t
BAR 91-1	.001
BAR 91-2	.004
BAR 91-3	.002
BAR 91-4	.008
BAR 91-5	1.106
BAR 91-6	.060
BAR 91-7	.003
BAR 91-8	.013
BAR 91-9	.005
BAR 91-10	.001
BAR 91-11	.001
BAR 91-12	.012
BAR 91-13	.008
BAR 91-14	.040
BAR 91-15	.102
BAR 91-16	.007
BAR 91-17	.007
BAR 91-17 dump	.238
BAR 91-18	.010
BAR 91-19	.059
BAR 91-20	.024
BAR 91-21	.002
BAR 91-22	.001
BAR 91-23	.003
STANDARD AU-1	.095

AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 2 1991

DATE REPORT MAILED: July 4/91

SIGNED BY: *C. Leong* .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL/ASSAY CERTIFICATE



J.W. Murton & Associates PROJECT BAR File # 91-2973 Page 1
 1567 McNaughton Road, Kelowna BC V1Z 2S2 Submitted by: J.W. MURTON

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** oz/t	As %
91-4B	3	244	7	13	1.2	31	212	151	9.59	48880	5	6	1	35	.2	8	24	36	.60	.049	3	1	.32	20	.08	2	1.28	.05	.10	1	.194	4.63
91-4C	1	111	4	16	.2	2	3	139	5.43	109	5	ND	1	30	.2	2	2	66	.22	.060	4	9	.82	38	.10	2	1.28	.05	.09	1	.003	-
91-5B	109	305	6	23	7.8	6	16	286	9.35	1446	5	55	1	19	.2	2	66	83	.13	.068	63	13	.95	23	.08	2	1.40	.03	.06	1	1.303	.17
91-5C	5	118	4	15	.4	9	9	154	3.02	69	5	2	1	38	.2	2	5	63	.68	.092	7	10	.59	47	.18	2	1.14	.09	.13	1	.030	-
91-5D	1	138	3	6	.6	2	1	93	10.54	154	5	ND	1	34	.2	2	3	139	.14	.055	2	7	.35	88	.41	2	.93	.05	.16	1	.003	-
91-6B	1	77	2	23	.3	7	9	268	2.96	309	5	ND	1	48	.2	2	2	46	.54	.072	5	13	.72	40	.14	3	1.41	.09	.24	1	.008	-
91-6C	1	338	3	15	.7	7	143	174	8.37	38156	5	ND	1	45	.2	5	11	49	.09	.043	3	1	.62	70	.09	2	1.31	.08	.17	1	.078	3.59

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB - SAMPLE TYPE: P1 ROCK P2 SOIL AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.

DATE RECEIVED: JUL 30 1991 DATE REPORT MAILED: *Aug 5/91* SIGNED BY: *[Signature]* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



ACHE ANALYTICAL

J.W. Murton & Associates PROJECT BAR FILE # 91-2973



ACHE ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
91-60	2	18	11	72	.2	12	9	546	2.19	33	5	ND	3	17	.2	2	2	33	.16	.090	6	14	.22	71	.14	3	2.86	.02	.06	1	20.2



GEOCHEMICAL ANALYSIS CERTIFICATE



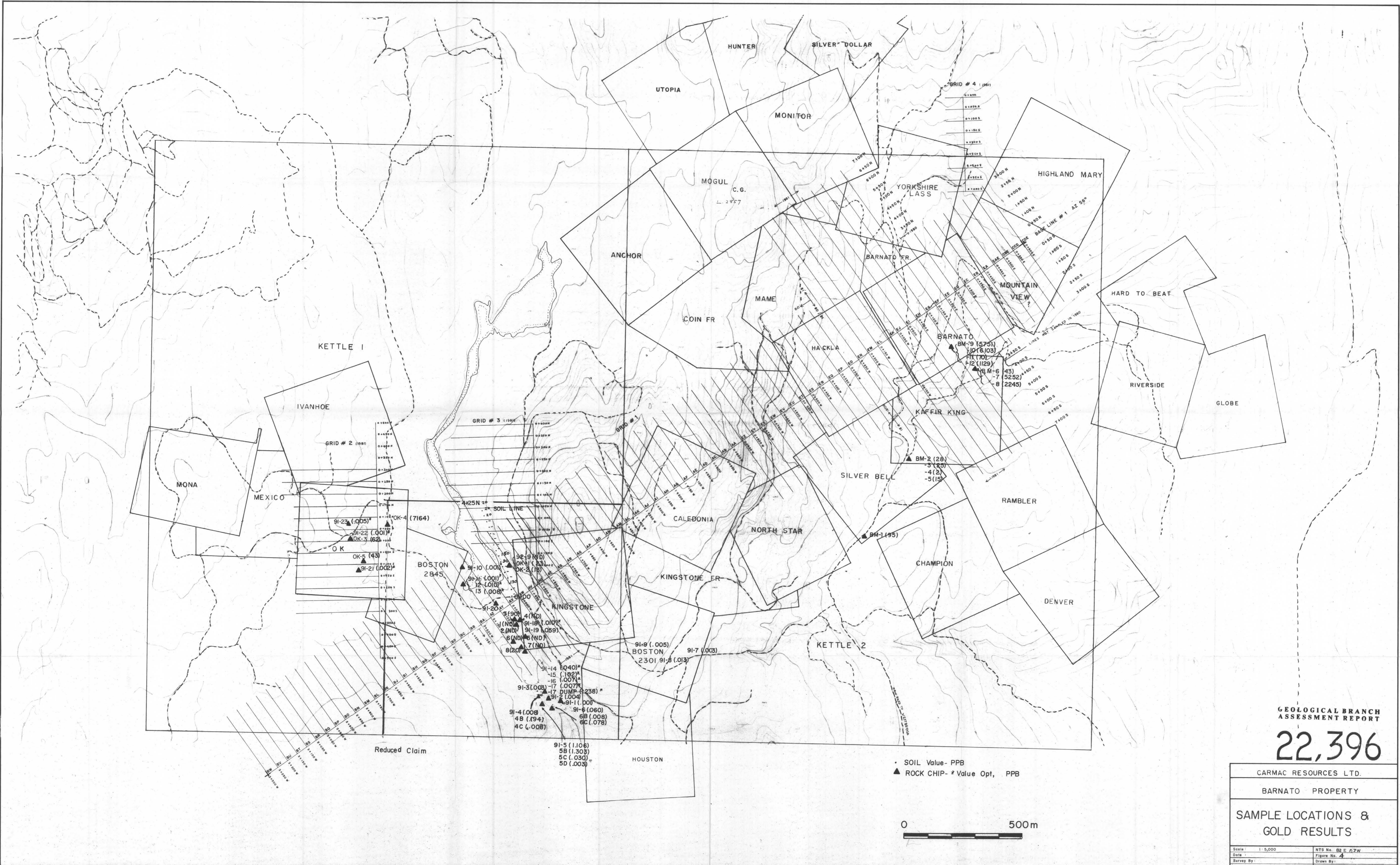
Teck Exploration (BC) PROJECT 1389-1 File # 91-2161 Page 1
 960 - 175 - 2nd Ave, Kamloops BC V2C 5W1 Submitted by: JEAN PAUTLER

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
BM-1	16	663	16	52	2.6	51	49	217	20.48	496	6	ND	3	361	.6	3	17	50	.54	.237	4	25	1.13	15	.04	2	2.27	.02	.19	1	95
BM-2	12	247	9	43	.4	31	21	199	4.40	7	5	ND	1	35	.5	2	3	35	.57	.070	6	25	.61	48	.13	2	.89	.05	.24	2	28
BM-3	7	193	19	51	.7	33	39	111	5.00	21	5	ND	1	10	.4	2	2	26	.15	.024	2	22	.30	25	.07	7	.48	.02	.04	1	25
BM-4	7	273	7	54	.3	21	17	184	3.52	3	5	ND	2	29	.2	2	2	42	.37	.052	6	27	.63	45	.12	5	.84	.03	.17	1	2
BM-5	23	58	5	165	.5	22	5	209	3.18	11	5	ND	4	15	1.0	2	2	53	.13	.033	7	43	.73	30	.08	3	.84	.02	.05	1	15
BM-6	15	725	14	37	5.5	28	15	451	3.48	25	5	ND	1	24	.7	2	72	18	.37	.026	2	30	.68	27	.03	6	1.10	.01	.07	2	43
BM-7	1	125	6	37	.9	10	18	140	5.64	8726	5	4	3	25	.2	3	2	24	.27	.061	3	6	.59	38	.05	2	1.32	.05	.16	1	5252
BM-8	12	323	2	26	1.5	16	70	102	14.27	4491	18	2	1	3	.2	3	2	7	.26	.013	2	2	.15	6	.01	5	.37	.01	.14	8	2245
BM-9	3	147	3	32	1.2	5	8	219	4.53	72	5	4	2	33	.3	2	2	46	.32	.059	4	5	.81	31	.06	4	1.44	.07	.15	1	5751
BM-10	3	185	16	41	1.3	7	28	78	20.59	99999 /	5	7	2	12	.2	88	36	20	.12	.037	2	4	.38	17	.02	4	.89	.02	.13	1	6103
BM-11	3	95	6	36	.5	6	11	543	4.36	68	5	ND	1	72	.2	2	2	55	3.56	.091	8	6	1.18	31	.07	2	1.77	.03	.11	1	70
BM-12	8	342	14	55	2.5	10	42	469	26.46	253	5	2	3	5	1.3	2	25	54	.16	.045	3	4	.94	7	.09	12	2.32	.01	.04	2	1129
CG-1	2	17	11	44	.3	6	7	742	2.65	154	5	ND	7	71	.5	2	4	16	.93	.278	27	4	.09	43	.01	2	.66	.02	.05	1	26
CG-2	1	27	11	104	.5	12	14	1069	5.71	11	9	ND	12	28	.2	3	2	36	.15	.026	22	6	.09	55	.01	2	.89	.02	.05	1	23
CG-3	2	7	4	9	.3	9	2	73	.57	883	5	ND	2	5	.2	2	15	2	.02	.002	4	6	.01	10	.01	2	.10	.01	.03	1	32
CG-5	3	23	23	64	.2	12	6	231	1.33	23	5	ND	18	35	.2	2	2	21	.31	.083	48	18	.25	118	.08	4	.79	.05	.20	1	8
CM-JP-2	1	46	5	98	.4	31	9	766	2.67	18	5	ND	3	184	.5	2	2	68	4.86	.053	23	38	.97	40	.01	9	.83	.01	.04	1	7
CM-JP-3	1	162	3	65	.4	10	13	478	3.15	32	5	ND	1	38	.6	2	2	78	.85	.083	3	7	.66	33	.21	2	1.36	.09	.07	1	24
CM-JP-4	2	132	6	19	.4	21	7	154	2.00	14	5	ND	2	38	.2	2	2	35	.85	.108	9	16	.36	22	.14	2	1.11	.07	.05	1	60
OK-1	9	167	7	11	.3	9	6	103	1.54	4	5	ND	1	19	.2	2	3	16	.42	.039	3	10	.10	8	.08	2	.34	.03	.02	1	23
OK-2	15	161	4	13	.3	50	16	77	2.00	9	5	ND	4	42	.3	2	2	48	.80	.143	13	35	.28	16	.18	2	.78	.12	.08	1	13
OK-3	30	838	11	38	.8	28	134	197	19.11	2	5	ND	1	8	.2	2	8	31	.48	.036	2	2	.04	8	.02	8	.23	.01	.01	47	62
OK-4	13	85	11	10	1.2	9	2	55	.79	5	5	7	1	4	.3	2	234	6	.05	.007	2	6	.07	7	.02	3	.14	.01	.01	1	7164
OK-5	13	1631	7	33	1.2	29	78	324	13.66	4	5	ND	1	20	.7	2	14	19	1.31	.039	3	9	.22	5	.07	2	.72	.04	.01	5	43
STANDARD C/AU-R	20	59	43	134	7.5	75	33	1111	3.99	43	16	6	40	53	18.1	15	21	60	.51	.097	39	59	.89	180	.09	35	1.94	.07	.15	12	465

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: P1 ROCK P2 MOSS MAT AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 1 1991 DATE REPORT MAILED: July 9/91 SIGNED BY: C. Leong, D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED



GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,396

CARMAC RESOURCES LTD.

BARNATO PROPERTY

**SAMPLE LOCATIONS &
GOLD RESULTS**

Scale: 1:5,000	NTS No. 82 E 27W
Date:	Figure No. 4
Survey By:	Drawn By: