

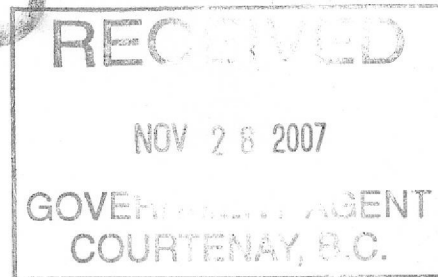
**Assessment Report of Soil Sampling, Line Cutting and Ground  
Magnetic Orientation Survey**

**of the (Heath Property)  
where it is transected by the Pinchi Fault**

**Latitude 55° 20'N, Longitude 125° 10'W**

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

29,436



**By  
Colin Campbell P. Geo**

**Nov 17, 2007**

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Figure 6 – Calcium and Manganese results	

### **3.0 Location, Access, Claim Status & Topography**

The Heath Copper-Gold property consists of five claims covering 1603 hectares on the western flank of the Nation Mountain east of the northwest end of Tchentlo Lake some 105 kilometers northwest of Fort St James.

Since the last major exploration on the Heath in 1991 an all weather mainline forestry access road cuts the central Heath from northwest to southeast giving easy access to many targets on the property.

The topography is generally moderate but locally on Mt Nation can be steep. Elevations range from 915 meters in the southwest to 1525 meters in the northeast. Most of the important mineralization occurs below 1220 meters.

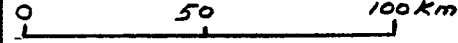
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HEATH GROUP

CLAIM LOCATION

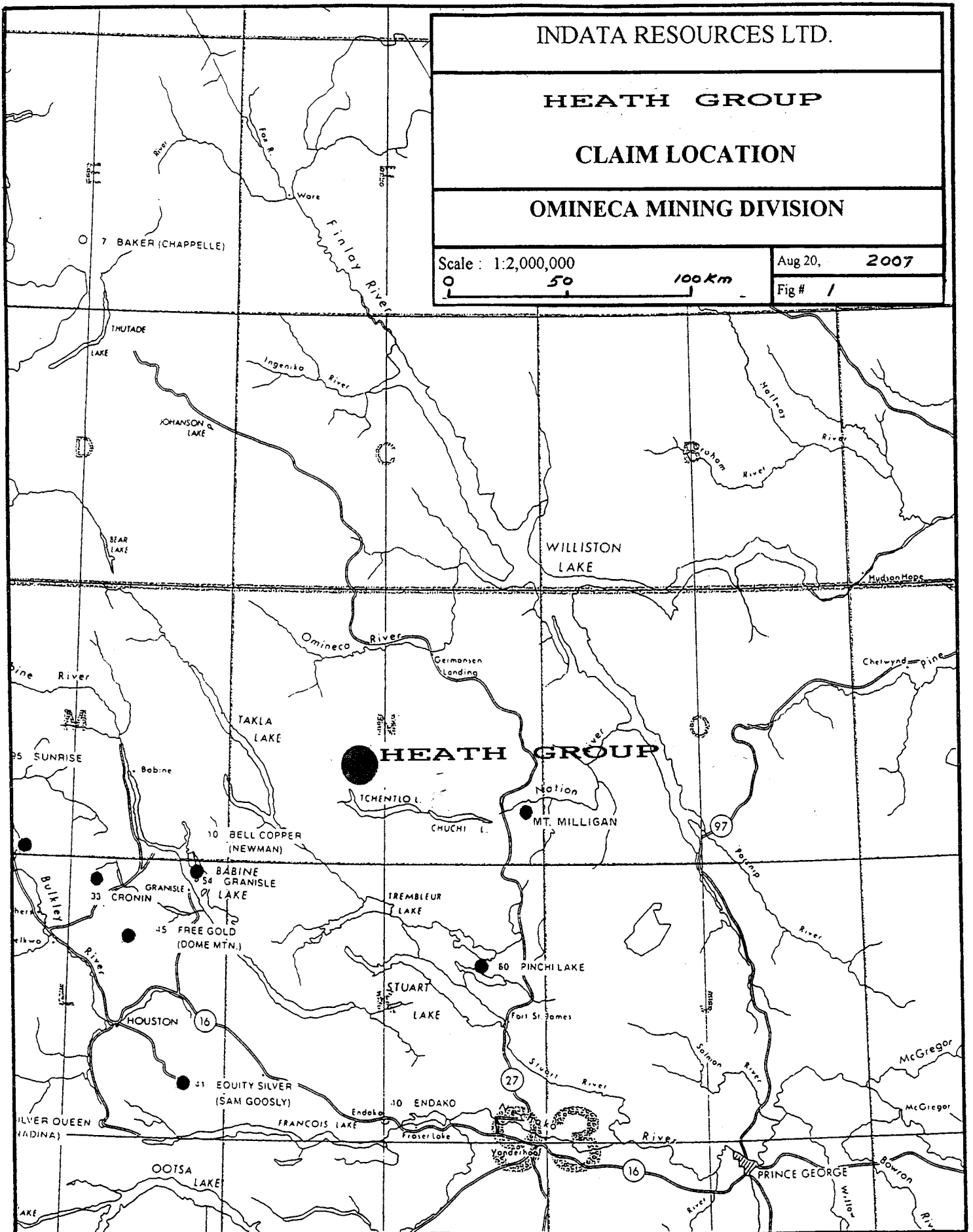
OMINECA MINING DIVISION

Scale : 1:2,000,000

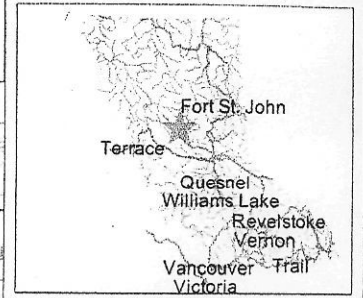


Aug 20, 2007

Fig # 1

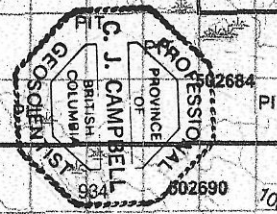
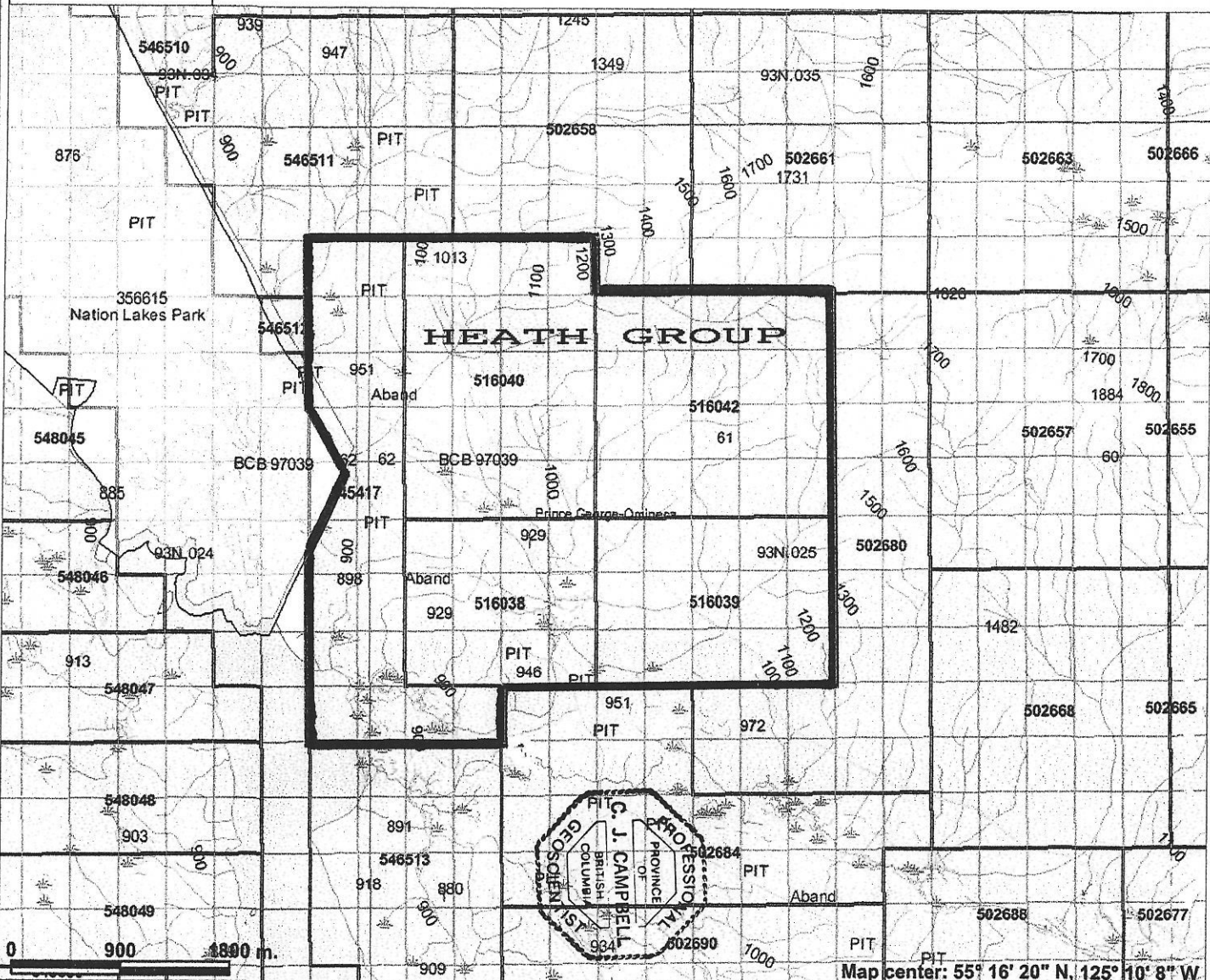


# HEATH CLAIMS



## Legend

- Indian Reserves
- National Parks
- Parks
- Mineral Titles Grid (LRDW)
- Mineral Tenures (Mineral - LRDW)
- Mineral Claim
- Mineral Lease
- Reserves (Mineral - LRDW Sites)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Area of Exclusion
- Area of Indefinite Contours
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)
- Airfield
- Airport
- Airstrip
- Airport Abandoned
- Ferry Route
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 2 Lanes
- Road (Gravel Undivided) - U/C - 1 Lane



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

# HEATH GROUP CLAIMS

# HEATH CLAIM STATUS



B.C. HOME

Mineral Titles

## Mineral Titles Online

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

Recorder: CAMPBELL, COLIN JAMES (104047) Submitter: CAMPBELL, COLIN JAMES  
 Recorded: 2007/AUG/17 Effective: 2007/AUG/17  
 D/E Date: 2007/AUG/17

Mineral Claim  
 Exploration and  
 Development  
 Work/Expiry Date  
 Change

- Select Input Method
- Select/Input Tenures
- Input Lots
- Data Input Form
- Review Form Data
- Process Payment
- Print Confirmation

Work Start Date: 2007/AUG/07  
 Work Stop Date: 2007/AUG/17

Total Value of Work: \$ 12110.00  
 Mine Permit No:

Work Type: Technical and Physical Work  
 Physical Items: Transportation / travel expenses  
 Technical Items: Geochemical, Geological, PAC Withdrawal (up to 30% of technical w

#### Summary of the work value:

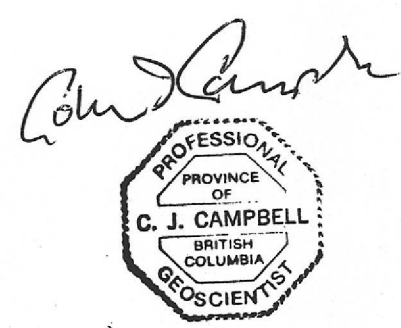
Tenure #	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days Forward	Area in Ha
516038		2005/jul/05	2007/aug/20	2009/aug/20	731	221.18
516039		2005/jul/05	2007/aug/20	2009/aug/20	731	276.47
516040		2005/jul/05	2007/aug/20	2009/aug/20	731	368.47
516042		2005/jul/05	2007/aug/20	2009/aug/20	731	368.49
545417	HEATH 10	2006/nov/16	2007/nov/16	2009/nov/16	731	368.57

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

Exit this e-service

Total required work value: \$ 13447.75  
 PAC name: C.J.Campbell  
 Debited PAC amount: \$ 1337.75  
 Credited PAC amount: \$ 0.00  
 Total Submission Fees: \$ 1284.29  
 Total to Pay: \$ 1284.29

Back



## 4.0 Regional Geology

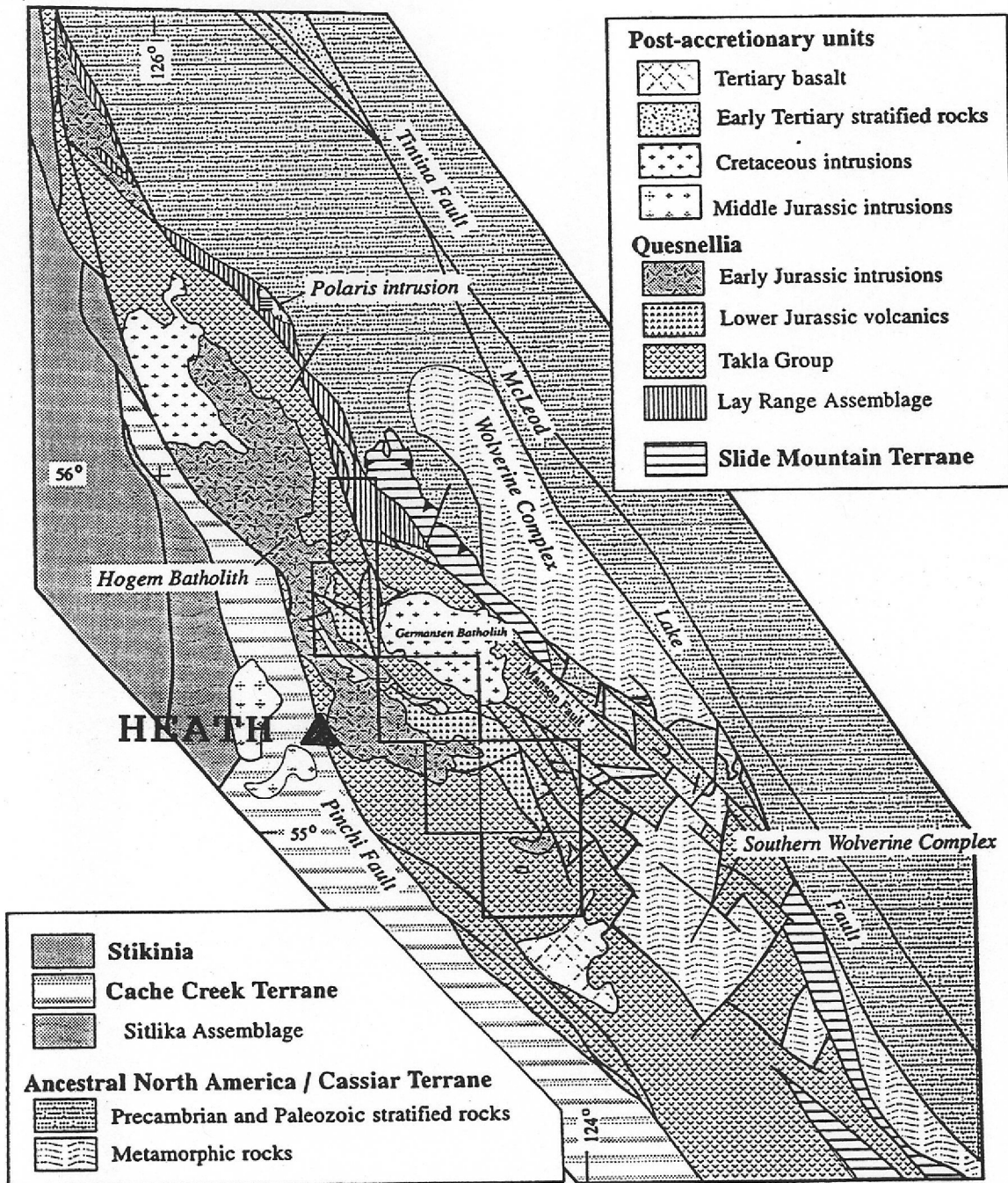
From Tooev & Dunkersloot 1991:

In the region surrounding the Heath property, Quesnellia is represented by the Takla Group volcanic and sedimentary succession and by early phases of the Hogem batholith. The Takla Group (Late Triassic to Early Jurassic) constitutes a thick sequence of predominantly andesitic and basaltic pyroclastics and massive flows with interbedded epiclastics and limestone.

The Hogem batholith is a large composite body of alkaline and calc-alkaline plutons. It is elongate in shape, extending for a length of 150 kilometers in the NW-SE direction between the Nation Lakes and the Mesilinka River. It varies in width up to 25 kilometers and covers an area of approximately 3,000 square kilometers. The batholith is in intrusive contact with Takla Group volcanics along all of its eastern, southern and northern margins. To the west, it is truncated by the Pinchi fault and it is in faulted contact with rocks of the Cache Creek Terrane along its entire western margin, except where narrow wedges of Takla Group rocks are preserved which separate it from the fault.

The Hogem batholith has a complex intrusive history spanning the time interval from mid-Triassic to mid-Cretaceous. Garnett (1978) differentiated the batholith into four compositionally-distinct plutonic suites and divided it geochronologically into three distinct phases of emplacement. Chemical affinities suggest volcanic/plutonic equivalence between Takla Group volcanics adjacent to the Hogem batholith and intrusive varieties of Phase I, the oldest and most dominant phase (Garnett, 1978).

The emplacement of Phases II and III of the Hogem batholith post-dates accretion of the Intermontane Superterrane and these phases are not comagmatic with the Takla Group volcanics.



2b. Regional geology and tectonic setting of the project area in north-central Quesnellia. Geology from Wheeler and McFeely (1991), Struik (1989, 1992), Ferri and Melville (1994), Ferri (unpublished compilation) and this study.

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HEATH GROUP

REGIONAL GEOLOGY

Figure 3, Nov. 26 2007



## 5.0 Previous Work

I have held claims covering the core of the Heath property since 1968 when I discovered copper mineralization during steam sediment anomaly follow-up. I excavated several hand-trenches exposing magnetite-chalcopyrite fissure veins with intensely-altered wallrock zones carrying important values in Pb, Zn, Ag, Au and Cu.

In the spring of 1969, Amax Exploration conducted a reconnaissance soil geochemical survey over an area near the centre of the property. The pulps were analyzed for copper and molybdenum. This survey outlined a 2,000 meter by 2,400 meter zone of anomalous Cu defined by analyses exceeding 200 ppm.

In October of 1969, the property was optioned to Senate Mining and Exploration Ltd. who carried out geological mapping and a ground magnetometer survey. It was returned to me in 1972 and optioned that same year to Nation Lake Mines Ltd.

In 1973, McPhar Geophysics was contracted by Nation Lake Mines to carry out a frequency domain induced polarization survey over the Amax soil grid. Seven linear anomalies were identified and a broad anomalous zone measuring 300 meters by 600 meters was outlined. A three-hole drill program was recommended, but the option was dropped.

No exploration was done between 1973 and August of 1988 at which time I tested the Au geochemical response on two small detailed soil grids in areas of known mineralization. The samples returned analyses ranging up to 1,035 ppb Au, 100 ppm Ag and 32,000 ppm Cu.

In 1989, Teck completed 86 line kilometers of ground magnetics and VLF-EM on a 9 square kilometer grid in the centre of the property and collected 4,152 soil samples. Teck's 1990 program consisted of 1.6 linear kilometers of excavator trenching, 9.2 line kilometers of IP surveys, 121.92 meters of diamond drilling and collection of 2279 soil samples.

In 1991, a summary field report detailed the results of an IP survey which identified several broad high chargeability anomalies. A subsequent 10 hole drilling program failed to intersect economically important grades and thickness of porphyry copper gold mineralization (Tooey, 1991). It concluded that the drilling had not encountered materials of economic value and suggested a further program as noted below:

...An attempt to explain the strong soil geochemical response is highly recommended. This would entail pitting, soil profiling, and trenching in anomalous areas in an effort to trace dispersive patterns and locate and characterize metal sources in bedrock...

In 2001, using a prospector grant, I revisited the property and sampled the coarse grained gabbroic and pyroxenic materials. Several samples were anomalous in PGEs. 3 holes were drilled testing areas near the previously trenched area.

## 7.0 Magnetometer Survey

This survey was undertaken to accurately locate a ground magnetic anomaly on claim and grid lines cut by N.B.C. Syndicate in 1970 (Bacon W.R. 1970). Bacon used a Craeluis Minimag taking reading at 100 ft intervals with an accuracy of  $\pm 50$  gammas.

A station on L6SE and the baseline (Forestry Access Road) was used to set the Scintrex MF-1 magnetometer at 4500 ft. Readings were taken at 50 meter intervals along Line 6SE. Old blazes and cutting were soon obvious on a line in a pine flat and a crossline was recognized at station 5+40 meters southwest with an uncorrected reading 6990 gammas on N.B.C. line 288 (their reading was 7300 grammas).


We swung our line (5+40 SW) to the northwest and a station 4+00 meters SE recorded at a reading of 12,200 gammas.

Under the conditions we were using it the Scintrex magnetometer has an accuracy of approximately  $\pm 50$  gammas similar to Bacon's Craelius minimag.

The one kilometer survey was successful in finding both the old (Bacon) anomaly and the 1970 survey lines.

Time	Reading	Line	Station
13:45	4500	L6 SE	$\Delta$ - BL
13:55	4400	L6 SE	0 + 50SW
13:59	4750	L6 SE	1 + 00SW
14:01	4780	L6 SE	1 + 50SW
14:03	5000	L6 SE	2 + 00SW
14:06	5280	L6 SE	2 + 50SW
14:07	5590	L6 SE	3 + 50SW
14:10	6175	L6 SE	3 + 50SW
14:12	6410	L6 SE	4 + 00SW
14:16	6800	L6 SE	4 + 50SW
14:19	6990	L6 SE	5 + 00SW
		L6 SE	5 + 40SW
14:22	6995	L6 SE	5 + 50SW
14:26	7005	L6 SE	6 + 00SW
14:45	6805	L6 SE	6 + 50SW
15:02	7780	L5 + 40SW	5 + 50SE
15:08	8440	L5 + 40SW	5 + 00SE
15:15	9980	L5 + 40SW	4 + 50SE
15:24	12200	L5 + 40SW	4 + 00SE

Colin J Campbell

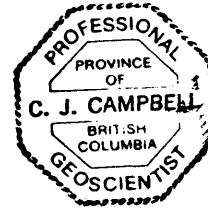



## Appendix A - Statement of Qualification

I, Colin Campbell, of the City of Courtenay, in the province of British Columbia, do hereby state:

1. I am a Professional Geoscientist registered and in good standing with the Association of Professional Engineers and Geoscientists of the province of British Columbia.
2. I graduated from the University of British Columbia in 1966 with a B.Sc. Degree in Honours Geology.
3. I have worked steadily in mining exploration in British Columbia and the Yukon Territory from 1966 to 1973; intermittently from 1974 to 1983 and steadily from January 1984 to present.
4. I personally carried out or supervised soil sampling and water sampling on the Heath Mineral Claims.
5. I own a large share interest in Indata Resources Ltd.

Colin Campbell, P.Ge



## Appendix B - Statement of Costs

### Wages

D.J. Hansen (August 2007 – 07, 08, 11, 12, 13, 14, 15, 16, 17)  
9 days @ \$125 a day \$1125.00

C. Campbell (Dates as above)  
9 days @ \$650 a day \$5850.00

**Food and Accommodation**  
18 man days @ \$65 a day \$1170.00

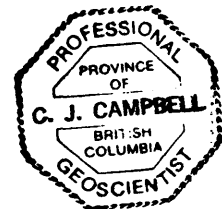
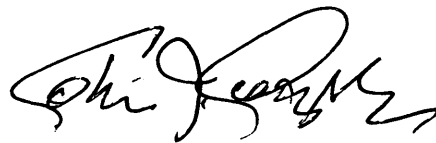
Ferry \$63.80

**1994 Chevy ¾ Ton Truck**  
9 days at \$65 a day \$585.00  
Gas \$344.75  
Mileage 3478km @ \$0.65 \$2260.70

Field Supplies \$150.00

Geochemical Analysis \$600.00

**Total Costs \$12149.25**



## Appendix C - References

<b>Author</b>	<b>Title</b>
Allan, J.F. and Dummett, M.T. (1969)	<u>Geological and Geochemical Report on the Heath Copper Prospect</u> , Amax Exploration Inc., August 1969, B.C. Ministry of Mines Assessment Report #01965.
Armstrong, J.E. (1949)	<u>Fort St. James Map-Area, Cassiar and Coast Districts, British Columbia Geol. Surv. Canada. Mem.252.</u>
Campbell, C.J. (1988)	<u>Preliminary Soil Geochemical Report of the Heath #1 Mineral Claim</u> , November 1988
Garnett, J.A. (1978)	<u>Geology and Mineral Occurrences of the Southern Hogem Batholith B.C. Ministry of Mines and Petroleum Resources, Bulletin #70</u>
Hallof, P.G. and B.C. Mullan, A.W. (1973)	<u>Induced Polarization Survey on the Heath and Cat Claims</u> Ministry of Mines Assessment Report #04672
Livgard, E (1971)	<u>Geologic Report on Heath Copper Property</u> . Senate Mining and Exploration Ltd., August 1971, B.C. Ministry of Mines Assessment Report #03200
Livgard, E (1971)	<u>Report on Magnetic Survey of Heath Copper Property</u> , Senate Mining and Exploration Ltd., August, 1971
Toohey, J.R. and Donkersloot, P. (1990)	<u>Heath Property Exploration Summary Report</u> , Teck Explorations Ltd., April 1990
Toohey et al (1991)	<u>Assessment report of Induced Polarization and Diamond Drilling</u> , December 13 1991. Assessment Report #21948
S.J. Hoffman (1990)	<u>Geochemical Assessment Report of the Heath Property</u>
Bacon, W.R. (1970)	<u>Geological, Geochemical, Geophysical Report</u> , September 21, 1970 Assessment Report #02617

**Client:** **Indata Resources Ltd.**

4931 Menzies Road  
 Courtenay BC V9J 1R4 Canada

**Submitted By:** Colin J. Campbell  
**Receiving Lab:** Acme Analytical Laboratories (Vancouver) Ltd.  
**Received:** August 31, 2007  
**Report Date:** November 21, 2007  
**Page:** 1 of 3

## CERTIFICATE OF ANALYSIS

VAN07000819.1

### CLIENT JOB INFORMATION

**Project:** None Given  
**Shipment ID:**  
**P.O. Number:**  
**Number of Samples:** 40

### SAMPLE DISPOSAL

**RTRN-PLP** Return  
**RTRN-RJT** Return

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
Split Reject	40	Reject sample split/packet		
SS80	40	Dry at 60C sieve 100g to -80 mesh		
3B	40	Fire assay fusio Au by ICP-ES	30	Completed
1DD	40	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed

### ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

**Invoice To:** Indata Resources Ltd.  
 4931 Menzies Road  
 Courtenay BC V9J 1R4  
 Canada

**CC:**



APPENDIX D-1



# AcmeLabs

ACME ANALYTICAL LABORATORIES LTD.

852 E. Hastings St. Vancouver BC V6A 1R6 Canada

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

www.acmelab.com

Client: Indata Resources Ltd.

4931 Menzies Road  
Courtenay BC V9J 1R4 Canada

Project: None Given

Report Date: November 21, 2007

Page: 1 of 1 Part 1

## QUALITY CONTROL REPORT

VAN07000819.1

Method		3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		2	1	2	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
Pulp Duplicates																					
H07-14	Soil	3	<1	28	4	48	<0.3	26	5	149	2.06	3	<8	<2	<2	21	<0.5	<3	<3	61	0.27
REP H07-14	QC	<2																			
H07-23	Soil	<2	<1	12	<3	33	<0.3	27	6	180	1.63	3	<8	<2	<2	20	<0.5	<3	<3	40	0.22
REP H07-23	QC		<1	14	5	39	<0.3	31	7	208	1.88	4	<8	<2	<2	23	<0.5	<3	<3	46	0.24
Reference Materials																					
STD DS7	Standard		22	100	70	408	0.6	56	11	613	2.43	51	<8	<2	5	72	6.1	<3	<3	81	0.94
STD DS7	Standard		21	105	72	426	0.4	59	12	639	2.57	52	<8	<2	4	76	6.2	<3	<3	83	1.02
STD DS7	Standard		23	140	74	460	0.9	58	9	675	2.68	51	<8	<2	5	80	6.3	4	7	90	1.04
STD DS7	Standard		20	107	67	403	0.8	55	9	631	2.41	46	9	<2	5	73	6.1	4	4	83	0.93
STD DS7	Standard		20	105	72	400	0.8	54	11	656	2.48	50	<8	<2	4	81	6.5	<3	7	85	1.00
STD DS7	Standard		21	107	68	389	0.6	52	11	612	2.37	47	<8	<2	4	76	6.0	4	6	78	0.95
STD OXD57	Standard	396																			
STD OXD57	Standard	398																			
STD OXD57	Standard	381																			
STD OXD57	Standard	409																			
STD OXD57 Expected		413																			
STD DS7 Expected			20.92	109	70.6	411	0.89	56	9.7	627	2.39	48.2	4.9	0.07	4.4	68.7	6.38	5.86	4.51	86	0.93
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank		<1	<2	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank		<1	<2	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01
BLK	Blank		<1	<2	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1	<0.01

APPENDIX 0-2



# Acme Labs

ACME ANALYTICAL LABORATORIES LTD.

852 E. Hastings St. Vancouver BC V6A 1R6 Canada  
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client:

Indata Resources Ltd.

4931 Menzies Road  
Courtenay BC V9J 1R4 Canada

Project:

None Given

Report Date:

November 21, 2007

Page:

2 of 3

Part 1

## CERTIFICATE OF ANALYSIS

VAN07000819.1

Method	Analyte	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
		Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	2	1	2	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01
H07-01	Soil	3	<1	9	5	74	<0.3	29	8	183	2.35	4	<8	<2	<2	10	<0.5	<3	<3	53	0.15
H07-02	Soil	3	<1	15	4	50	<0.3	33	9	175	2.33	4	<8	<2	<2	12	<0.5	<3	<3	53	0.15
H07-03	Soil	9	1	18	<3	39	<0.3	34	7	138	2.15	5	<8	<2	<2	13	<0.5	<3	<3	49	0.13
H07-04	Soil	9	1	16	3	34	<0.3	34	7	250	2.15	5	<8	<2	<2	22	<0.5	<3	<3	53	0.31
H07-05	Soil	5	7	12	3	38	<0.3	39	9	2557	2.45	6	<8	<2	<2	28	<0.5	<3	<3	58	0.39
H07-06	Soil	<2	2	12	<3	54	<0.3	32	9	391	2.01	7	<8	<2	<2	26	<0.5	<3	<3	41	0.39
H07-07	Soil	5	<1	15	4	69	<0.3	36	7	210	1.81	4	<8	<2	<2	17	<0.5	<3	<3	40	0.24
H07-08	Soil	7	<1	14	10	89	<0.3	29	6	152	2.18	11	<8	<2	<2	14	<0.5	<3	<3	46	0.17
H07-09	Soil	4	1	13	4	83	<0.3	25	11	777	2.26	4	<8	<2	<2	23	<0.5	<3	<3	57	0.39
H07-10	Soil	<2	<1	10	<3	41	<0.3	20	4	127	2.07	6	<8	<2	<2	10	<0.5	<3	<3	50	0.10
H07-11	Soil	<2	1	39	<3	59	<0.3	37	10	545	2.70	5	<8	<2	<2	41	0.5	<3	<3	69	0.54
H07-12	Soil	<2	<1	21	<3	55	<0.3	16	8	385	1.94	3	<8	<2	<2	31	<0.5	<3	<3	62	0.35
H07-13	Soil	<2	<1	17	3	45	<0.3	15	5	165	1.60	3	<8	<2	<2	22	<0.5	<3	<3	52	0.23
H07-14	Soil	3	<1	28	4	48	<0.3	26	5	149	2.06	3	<8	<2	<2	21	<0.5	<3	<3	61	0.27
H07-15	Soil	<2	<1	22	<3	50	<0.3	21	7	324	2.02	<2	<8	<2	<2	25	<0.5	<3	<3	67	0.25
H07-16	Soil	<2	<1	38	<3	86	<0.3	45	11	801	2.65	5	<8	<2	<2	37	<0.5	<3	<3	65	0.46
H07-17	Soil	<2	<1	12	4	39	<0.3	22	4	100	1.66	4	<8	<2	<2	14	<0.5	<3	<3	48	0.13
H07-18	Soil	<2	<1	10	4	39	<0.3	19	5	136	1.11	<2	<8	<2	<2	17	<0.5	<3	<3	30	0.19
H07-19	Soil	<2	<1	12	<3	53	<0.3	25	5	106	1.80	3	<8	<2	<2	12	<0.5	<3	<3	42	0.12
H07-20	Soil	<2	2	54	8	70	<0.3	57	16	838	3.17	11	<8	<2	<2	41	<0.5	<3	<3	65	0.75
H07-21	Soil	4	7	202	17	72	<0.3	31	37	4333	8.71	24	<8	<2	3	79	1.4	<3	3	251	0.79
H07-22	Soil	3	<1	13	4	38	<0.3	23	5	169	1.53	4	<8	<2	<2	17	<0.5	<3	<3	36	0.22
H07-23	Soil	<2	<1	12	<3	33	<0.3	27	6	180	1.63	3	<8	<2	<2	20	<0.5	<3	<3	40	0.22
H07-24	Soil	6	<1	23	7	91	<0.3	51	12	520	2.47	8	<8	<2	<2	15	<0.5	<3	<3	55	0.18
H07-25	Soil	5	<1	15	<3	51	<0.3	24	4	126	1.53	3	<8	<2	<2	15	<0.5	<3	<3	38	0.16
H07-26	Soil	<2	<1	11	<3	31	<0.3	23	4	108	1.45	3	<8	<2	<2	15	<0.5	<3	<3	35	0.18
H07-27	Soil	6	1	16	<3	106	<0.3	48	10	192	2.21	4	<8	<2	<2	13	<0.5	<3	<3	46	0.16
H07-28	Soil	5	<1	11	<3	79	<0.3	26	7	122	2.39	3	<8	<2	<2	10	<0.5	<3	<3	54	0.11
H07-29	Soil	<2	<1	16	<3	81	<0.3	39	9	210	2.49	3	<8	<2	<2	11	<0.5	<3	<3	54	0.11
H07-30	Soil	<2	<1	10	<3	49	<0.3	22	4	145	2.00	4	<8	<2	<2	12	<0.5	<3	<3	53	0.14

11  
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APPENDIX D-3

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Courtenay BC V9J 1R4 Canada

Project:

None Given

Report Date:

November 21, 2007

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Part 1

## CERTIFICATE OF ANALYSIS

VAN07000819.1

Method	3B	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	2	1	2	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1	0.01	
H07-31	Soil	<2	1	14	4	53	<0.3	28	6	248	3.44	8	<8	<2	<2	10	<0.5	<3	<3	76	0.10
H07-32	Soil	<2	<1	7	7	92	<0.3	16	7	891	2.02	3	<8	<2	<2	9	<0.5	<3	<3	47	0.11
H07-33	Soil	<2	<1	17	<3	31	<0.3	31	6	204	1.55	3	<8	<2	2	22	<0.5	<3	<3	38	0.26
H07-34	Soil	3	<1	15	5	31	<0.3	24	6	181	1.61	<2	<8	<2	<2	21	<0.5	<3	<3	40	0.21
H07-35	Soil	2	<1	13	<3	48	<0.3	40	8	143	2.35	5	<8	<2	<2	11	<0.5	<3	<3	49	0.08
H07-36	Soil	<2	<1	9	3	31	<0.3	19	4	116	1.19	<2	<8	<2	<2	12	<0.5	<3	<3	29	0.13
H07-37	Soil	3	<1	18	<3	35	<0.3	29	8	221	1.70	<2	<8	<2	2	19	<0.5	<3	<3	41	0.23
H07-38	Soil	7	<1	15	8	34	<0.3	24	6	209	1.38	<2	<8	<2	2	21	<0.5	<3	<3	33	0.26
H07-39	Soil	3	<1	10	3	50	<0.3	17	7	243	1.27	<2	<8	<2	<2	23	<0.5	<3	<3	34	0.27
H07-40	Soil	9	1	20	8	36	<0.3	30	8	346	1.96	4	<8	<2	<2	25	<0.5	<3	5	47	0.34

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APPENDIX D-4



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Project:

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Part 2

## QUALITY CONTROL REPORT

VAN07000819.1

Method		1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte		P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
MDL		0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2
<b>Pulp Duplicates</b>												
H07-14	Soil	0.081	6	34	0.44	112	0.04	<20	1.28	<0.01	0.02	<2
REP H07-14	QC											
H07-23	Soil	0.042	7	36	0.41	90	0.04	<20	0.83	<0.01	0.03	<2
REP H07-23	QC	0.050	8	42	0.49	102	0.05	<20	0.93	0.01	0.03	<2
<b>Reference Materials</b>												
STD DS7	Standard	0.074	12	213	1.05	399	0.12	41	1.02	0.09	0.46	4
STD DS7	Standard	0.076	13	221	1.11	417	0.12	37	1.09	0.10	0.48	6
STD DS7	Standard	0.080	14	214	1.16	457	0.13	55	1.12	0.10	0.52	<2
STD DS7	Standard	0.076	13	187	1.09	416	0.13	44	1.03	0.09	0.47	3
STD DS7	Standard	0.076	13	174	1.09	411	0.12	43	1.10	0.11	0.48	<2
STD DS7	Standard	0.071	12	167	1.05	395	0.12	38	1.05	0.10	0.46	<2
STD OXD57	Standard											
STD OXD57	Standard											
STD OXD57	Standard											
STD OXD57	Standard											
STD OXD57 Expected												
STD DS7 Expected		0.08	12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8
BLK	Blank											
BLK	Blank											
BLK	Blank											
BLK	Blank											
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2

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APPENDIX D-5



# AcmeLabs

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Project:

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Part 2

## CERTIFICATE OF ANALYSIS

VAN07000819.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	
MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	
H07-01	Soil	0.130	6	41	0.27	74	0.03	<20	1.02	<0.01	0.03	<2
H07-02	Soil	0.119	5	41	0.33	74	0.03	<20	1.02	<0.01	0.03	<2
H07-03	Soil	0.071	5	45	0.36	57	0.04	<20	1.26	<0.01	0.02	<2
H07-04	Soil	0.030	6	49	0.40	120	0.04	<20	0.71	<0.01	0.03	<2
H07-05	Soil	0.057	8	51	0.49	354	0.03	<20	0.75	<0.01	0.04	<2
H07-06	Soil	0.050	7	48	0.63	124	0.04	<20	0.91	<0.01	0.04	<2
H07-07	Soil	0.056	6	41	0.47	127	0.03	<20	0.91	<0.01	0.03	<2
H07-08	Soil	0.082	6	41	0.40	74	0.03	<20	1.09	<0.01	0.03	<2
H07-09	Soil	0.049	6	38	0.33	162	0.03	<20	1.01	<0.01	0.03	<2
H07-10	Soil	0.142	5	35	0.25	52	0.03	<20	1.00	<0.01	0.02	<2
H07-11	Soil	0.048	7	46	0.62	240	0.03	<20	1.69	<0.01	0.04	<2
H07-12	Soil	0.039	6	28	0.37	224	0.03	<20	1.20	<0.01	0.03	<2
H07-13	Soil	0.039	6	25	0.36	118	0.03	<20	1.08	<0.01	0.03	<2
H07-14	Soil	0.081	6	34	0.44	112	0.04	<20	1.28	<0.01	0.02	<2
H07-15	Soil	0.038	7	30	0.35	166	0.03	<20	1.35	<0.01	0.03	<2
H07-16	Soil	0.063	7	47	0.57	241	0.03	<20	1.85	<0.01	0.04	<2
H07-17	Soil	0.047	5	31	0.29	91	0.03	<20	1.22	<0.01	0.02	<2
H07-18	Soil	0.034	6	27	0.37	93	0.03	<20	0.87	<0.01	0.02	<2
H07-19	Soil	0.081	5	33	0.31	105	0.03	<20	1.51	<0.01	0.03	<2
H07-20	Soil	0.086	10	53	0.58	154	0.04	<20	0.99	0.01	0.07	<2
H07-21	Soil	0.138	16	30	0.71	420	0.04	<20	2.09	0.02	0.06	<2
H07-22	Soil	0.071	6	34	0.39	65	0.04	<20	0.87	<0.01	0.03	<2
H07-23	Soil	0.042	7	36	0.41	90	0.04	<20	0.83	<0.01	0.03	<2
H07-24	Soil	0.117	6	47	0.43	107	0.03	<20	1.44	<0.01	0.04	<2
H07-25	Soil	0.053	6	33	0.29	89	0.03	<20	1.00	<0.01	0.03	<2
H07-26	Soil	0.060	5	33	0.37	61	0.04	<20	0.88	<0.01	0.02	<2
H07-27	Soil	0.093	6	42	0.43	92	0.04	<20	1.33	<0.01	0.03	<2
H07-28	Soil	0.116	5	43	0.27	86	0.03	<20	1.41	<0.01	0.02	<2
H07-29	Soil	0.164	5	48	0.32	90	0.03	<20	2.09	<0.01	0.03	<2
H07-30	Soil	0.072	5	36	0.32	66	0.04	<20	1.16	<0.01	0.02	<2

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APPENDIX D-6



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Courtenay BC V9J 1R4 Canada

Project:

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Report Date:

November 21, 2007

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## CERTIFICATE OF ANALYSIS

VAN07000819.1

Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
Analyte	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	
MDL	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	
H07-31	Soil	0.239	5	53	0.35	82	0.04	<20	1.65	<0.01	0.03	<2
H07-32	Soil	0.155	5	31	0.21	92	0.03	<20	1.15	<0.01	0.02	<2
H07-33	Soil	0.069	9	37	0.44	105	0.04	<20	0.85	<0.01	0.02	<2
H07-34	Soil	0.061	8	36	0.41	95	0.04	<20	0.82	<0.01	0.02	<2
H07-35	Soil	0.095	5	50	0.41	77	0.04	<20	1.69	<0.01	0.02	<2
H07-36	Soil	0.051	5	28	0.30	56	0.03	<20	0.82	0.01	0.03	<2
H07-37	Soil	0.068	8	39	0.44	76	0.04	<20	0.88	<0.01	0.02	<2
H07-38	Soil	0.062	7	31	0.42	75	0.04	<20	0.70	<0.01	0.02	<2
H07-39	Soil	0.037	6	25	0.31	170	0.02	<20	0.90	<0.01	0.05	<2
H07-40	Soil	0.082	9	34	0.39	71	0.04	<20	0.63	<0.01	0.03	<2

INDATA RESOURCES LTD

GEOCHEMICAL SOIL SURVEY

CAMP TCHENTLO LAKE

COLLECTOR COLIN CAMPBELL

DATE Aug 14/07

PROJECT Health

MAP SHEET \_\_\_\_\_

SAMPLE CODE H07

AREA (Lake, River) Nation Mtn

AERIAL PHOTO \_\_\_\_\_

No.	SAMPLE No.	LOCATION		TOPO.	DRAIN	TERR.	VEG.	SOIL TYPE	DEPTH HORIZ.	COLOUR	TEXT.	REMARKS	ANALYTICAL RESULTS			
		LINE	STN.										Mo	Cu		
1	H07-01	L6SE	6+255W	↘	Ex	↘	Spruce Balsam	B	8"	Red	Fine	Silty				
2	H07-02	L6SE	6+00SW	↘	Good		Spruce BAL	B	6"	Red	Fine	N				
3	H07-03	"	5+50SE	→	"		Pine	B	6"	Rd Brn	"	Near Camp Stevens crossing				
4	04	"	6+50 <sup>SW</sup>	↘	Poor	↘	Spruce	B+C	10"	Bm	Med + Clay	Below 8" black much				
5	05	"	7+00 <sup>SW</sup>	↘	Poor	↘	Spruce Alder	C	20"	Grey	Sandy + clay	no organics				
6	6	"	7+50	→	"		"	C	18"	"	"	no organics				
7	7	"	8+00	↘	Good		Pine + Sp	B	6"	Brn	Sandy + clay					
8	08	"	8+50	↘	excellent	↘	spruce + pine	B	6"	Red	fine loamy	no organics.				
9	09	"	5+00SW	+	Good		"	C	8"	Gr Brn	Sandy					
10	10	"	4+50SW	"	"		Pine	B	8"	Rd Brn	Clay - sandy					
11	H07-11	6SE	4+60 NE	↘	Good		Spruce + Pine	B	8"	Brn	Med	Clay sand + pebbles shore of lake				
12	12	"	4+00 NE	→	"		"	B+C	6"	Gr Brn	"	Clay + pebbles				
13	13	"	3+50 NE	→	Med		Pine	"	6"	"	"	"				
14	14	"	3+00 NE		Good		"	B	8"	Rd Brn	"	"				
15	15	"	2+50	→	"		"	B+C	8"	Gr Brn	Rk + clay					
16	16	"	2+00 NE		Med		"	"	"	"	"	Just before slump				
17	17	"	1+50 NE	→	Good		"	B	8"	Bm	Fine	" after "				
18	18	"	1+00 NE		Poor		"	C	"	Gr Brn	Med	Sand + g. + clay				
19	19	"	0+50 NE		Good		"	B	"	Rd Brn	Fine	Qtz + goethite base dr				
20	20	6SE	B.L.		"	Ditch	"	C+B		"	"	Till?				

Appendix E-1

INDATA RESOURCES LTD

GEOCHEMICAL SOIL SURVEY

CAMP Tehanto LAKE

SAMPLE CODE H07

COLLECTOR COLIN CAMPBELL

PROJECT HEATH

AREA (Lake, River) NATION MOUNTAIN

DATE Aug 15/07

MAP SHEET \_\_\_\_\_

AERIAL PHOTO \_\_\_\_\_

No.	SAMPLE No.	LOCATION		TOPO.	DRAIN	TERR.	VEG.	SOIL TYPE	DEPTH HORIZ	COLOUR	TEXT.	REMARKS	ANALYTICAL RESULTS				
		LINE	STN.										Mo	Cu			
1	-21	8+50	SE														
2	H07-22	8+50	SE 5740 SW		POOR	→	Spruce	B	8"	Red Brn	Clay + fine						
3	-23	"	4+90 SW		"	→	"	"		Brn	"						
4	-24	"	4+40 SW		GOOD	→	"	B	10"	Red Brn	med Cl, Sand						
5	-25	"	3+90 SW		Med	↘	"	"	"	Brn	"						
6	-26	"	3+40 SW		Good		"	"	0"	Red Brn		25m post water					
7	-27	L5+40	SW									25m before Swamp					
8	-28	"	7+00 SE		"		"	"	10"	Red Brn	Fine	25m post sw					
9	-29	"	6+50 SE		"		Pine	"	6"	"	"						
10	-30	"	6 SE		"		"	"	"	"	"	at L 288					
11	-31	L6 SE	4+00		"		"	"	"	Red	"	Consolid base					
12	32	"	3+50 SW				"	"	"	"	"						
13	33	"	3+00 SW		POOR		"	"		Red Grey	Mottled						
14	34	"	2+50 SW		"		"	"		"	"						
15	35	"	2+00 SW		GOOD		"	"	"	Red	Fine						
16	36	"	1+50 SW		Med	→	"	"	10"	Red Grey	Fine	Mottled					
17	37	"	1+00 SW		GOOD	→	"	"	10"	Red Grey	Fine	"					
18	38	"	0+50 SW		Med/Good	→	"	"	10"	Grey	"						
19	39	Tcht-FSR	edge of		Med	→	Pop	B+C	10	"	Med	50m N of Road					
20	40	"	"		ditch	-till to check Bi	conomale	LANKO29				Indtd 617.7823					

APPENDIX E-2

0359918