

MAP NO. ASSESSMENT REPORT X DOCUMENT NO.: 092654  
PROSPECTUS MINING DISTRICT: WATSON LAKE  
CONFIDENTIAL X TYPE OF WORK: GEOLOGICAL, GEOCHEMICAL  
105 G 6, 11 OPEN FILE

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REPORT FILED UNDER: Welcome North Mines Ltd.

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DATE PERFORMED: June 18-27, July 11-24, 1988 DATE FILED: December 16, 1988

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LOCATION: LAT.: 61°30'N

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AREA: Hoole River

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LONG.: 131°23'W

---

VALUE \$: 14,000.00

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CLAIM NAME & NO.: MAG 1-140 YB11398-517, YB15135-154

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WORK DONE BY: R.G. Potter

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WORK DONE FOR: Welcome North Mines Ltd.

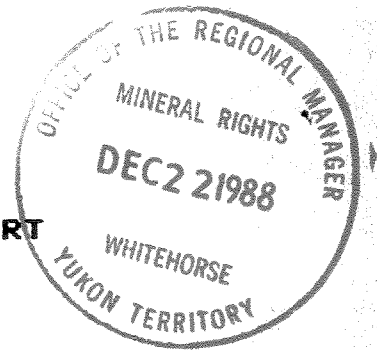
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DATE TO GOOD STANDING

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REMARKS: #10 EL Serpentinized ultramafic thrust remnants are altered to listwaenite (quartz-carbonate) above the thrust plane, and are shattered, silicified and infilled by sucrosic quartz veining. Strong arsenic, and numerous scattered gold anomalies in listwaenite, mainly where sulphides occur.

**SURFACE EXPLORATION REPORT  
ON THE  
MAG CLAIMS**



**N.T.S. 1056/6, 11**

**LATITUDE: 61°30'N  
LONGITUDE: 131°23'W**

**WATSON LAKE MINING DISTRICT**

**FOR**

**WELCOME NORTH MINES LTD.  
15th FL., 675 W. HASTINGS STREET  
VANCOUVER, B.C.  
CANADA  
V6B 1N2**

**BY**

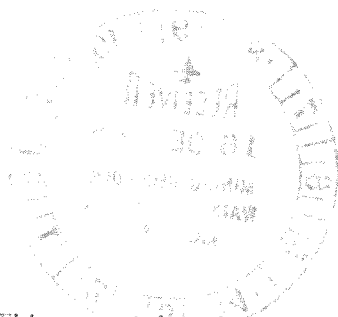
**R.G. Potter, P.Eng.**



**NOVEMBER, 1988**

**(WORK DONE DURING JUNE 18-27 AND JULY 11-24, 1988)**

**092654**



This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 14,000.00

for *D. S. Emond*  
Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.

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## I. SUMMARY AND RECOMMENDATIONS

The Mag claims lie to the north of the Tintina Trench, 75 kilometers southeast of Ross River. The area is prospective for low grade disseminated gold mineralization in ultramafic rocks of the Anvil Allochthon.

The 1988 program on the Mag consisted of reconnaissance geology, geochemistry, and prospecting. This was followed up by mapping and sampling in areas of positive response.

Remnants of pre Mid-Cretaceous thrust sheets of the Anvil Allochthon are characteristic of elevated terrain between Hoole River and Campbell Creek. Serpentinized ultramafic rocks are common constituents of the thrust remnants. Quartz-carbonate alteration zones (listwaenites) are locally developed within serpentinites immediately above the thrust plane. At Mag the alteration zones have undergone late stage shattering, silicification and infilling by sucrosic quartz veining.

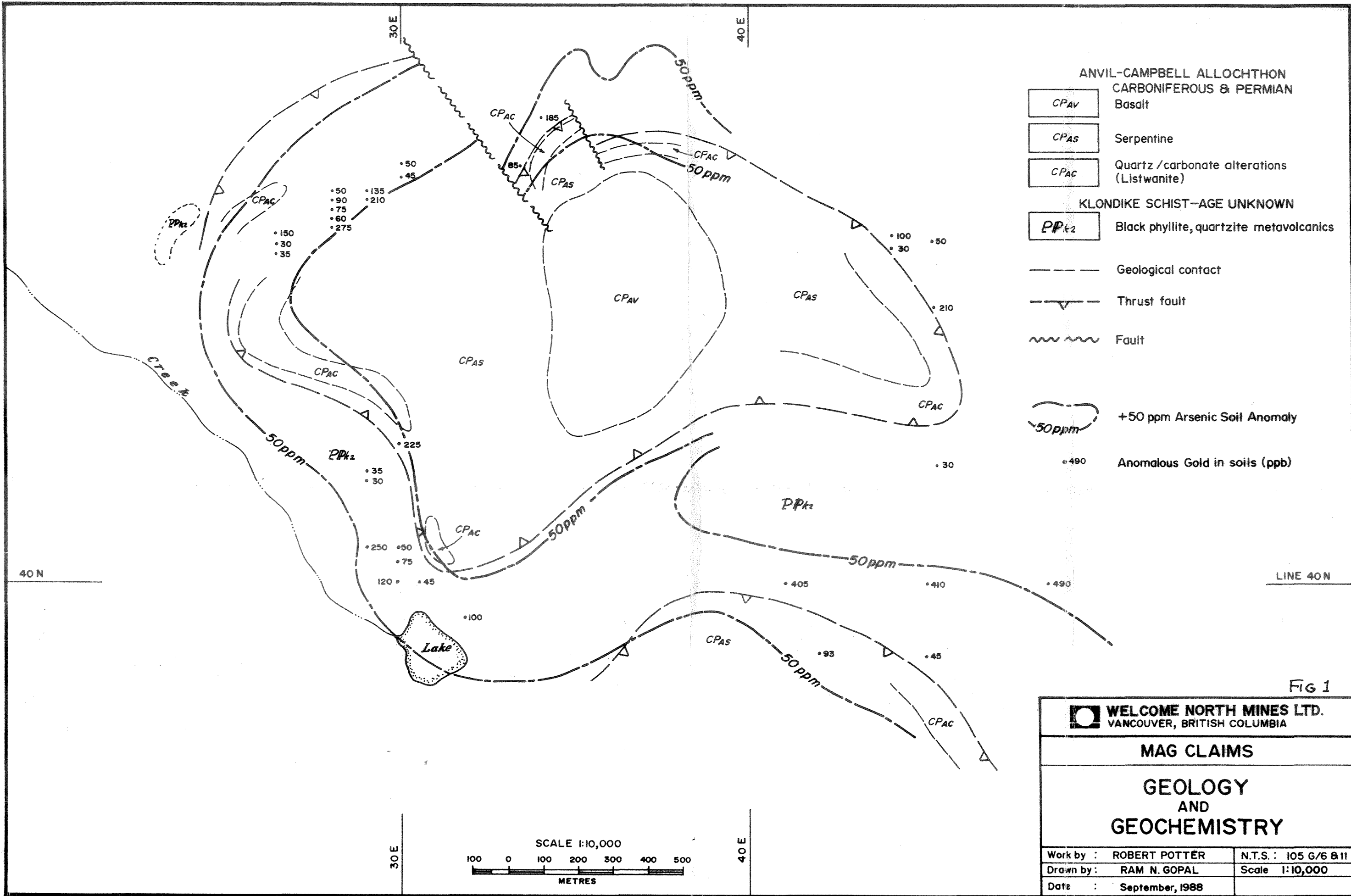
Soil sample results show strong arsenic anomalies related to the listwaenite zones. Numerous but scattered gold anomalies are confined to the arsenic halo. Rock sampling shows the late quartz veining to be barren. Gold anomalies appear to be related to disperse sulphide mineralization.

Further work on the property should include detailed mapping, prospecting, and sampling of the listwaenites to define zones of sulphide mineralization and gold enrichment.

Respectfully submitted,




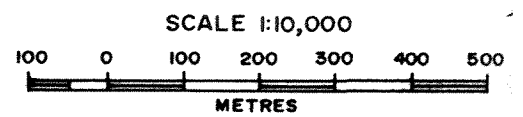
Robert G. Potter, P.Eng.



- ANVIL-CAMPBELL ALLOCHTHON  
CARBONIFEROUS & PERMIAN  
Basalt
- CPAV
- CPAS
- CPAC
- Quartz /carbonate alterations  
(Listwanite)
- KLONDIKE SCHIST-AGE UNKNOWN
- PPk2
- Black phyllite, quartzite metavolcanics
- Geological contact
- Thrust fault
- Fault
- +50 ppm Arsenic Soil Anomaly
- Anomalous Gold in soils (ppb)

FIG 1

 <b>WELCOME NORTH MINES LTD.</b> VANCOUVER, BRITISH COLUMBIA			
<b>MAG CLAIMS</b>			
<b>GEOLOGY AND GEOCHEMISTRY</b>			
Work by :	ROBERT POTTER	N.T.S. :	105 G/6 & 11
Drawn by :	RAM N. GOPAL	Scale :	1:10,000
Date :	September, 1988		



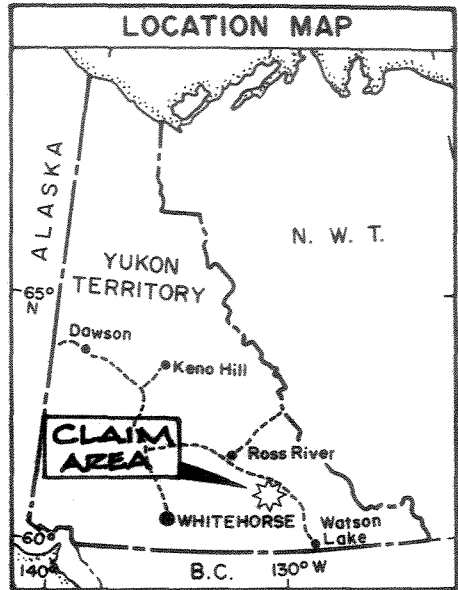



Fig 2

 <b>WELCOME NORTH MINES LTD.</b> VANCOUVER, BRITISH COLUMBIA			
<b>MAG CLAIMS</b>			
<b>LOCATION MAP</b>			
Work by :	Robert Potter	N.T.S. :	105 G/6/11
Drawn by :	Valri Hutchings	Scale :	1:60,000
Date :	Sept. 1988	Figure :	

## II. INTRODUCTION

From June 18 to 27 and July 11 to 24, 1988, Welcome North Mines Ltd. conducted a geochemical, geological and prospecting program on the Mag claims. The program was designed to evaluate the precious metal potential of the property. Interest in the general area of the Tintina Trench was sparked by Noranda's Grew Creek epithermal gold discovery. Of specific interest on the Mag claims was a magnetic high coincident with placer gold occurrences in close proximity to the Tintina Trench.

## III. PROPERTY, LOCATION AND ACCESS

The Mag claims consist of 140 full sized mineral claims staked in January and July, 1988. All claims are currently registered in the name of Welcome North Mines Ltd. in the Watson Lake Mining District as follows:

<u>Claim Name</u>	<u>Grant No.</u>	<u>Record Date</u>
MAG 1-120	YB11398-YB11517	January 04, 1988
MAG 121-140	YB15135-YB15154	August 16, 1988

The property is located immediately north of the Tintina Trench, 75 kilometers southeast of Ross River. Access is by helicopter from Ross River or from the Robert Campbell Highway which at its nearest point is 25 kilometers north of the claims. Ross River is reached by all-weather road from Whitehorse via Carmacks and is also served by daily scheduled flights from Whitehorse.

The claims cover an isolated alpine upland north of Hoole River. Elevations range from 4000 to 6000 feet ASL. Drainage is radial by way of tributaries of Hoole River and Mink Creek which flow into the Pelly River.

Most of the claim area is alpine tundra, felsensmeer, talus, and outcrop. Elevations below about 4500 feet are covered with a mix of fir and spruce.

#### IV. HISTORY

The eastern part of the Mag claims were staked as the Dam claims in September, 1955 by Newmont. Interest was in asbestos fibre float. In 1966, Northlake Mining Ltd. staked the El claims on a strong copper silt anomaly. In that year they conducted airborne mag and EM surveys, prospecting and a soil geochemical survey. In 1967, Northlake drilled 4 holes totalling 1064 feet. The drilling tested geochem-EM targets in graphite schist near the ultrabasic contact and located a narrow zone of stratabound sphalerite.

The area was restaked as the Pelly claims in 1974 by Empire Metals Corp. The Pelly group was optioned to Texasgulf Inc. in 1975 and to St. Joe Exploration Ltd. in 1976.

Streams draining the southeast side of the Mag claims show evidence of old placer gold workings which appear to date from early in the century.

## V. GEOLOGIC SETTING

The subject property is located within the Selwyn Fold Belt north of the Tintina Trench. The Selwyn Fold Belt comprises a diverse assemblage of clastic, carbonate, volcanic, ultramafic, and granitic rocks of Hadrynian to Tertiary-age. Locally prominent are units of the Klondike Schist assemblage (PPk<sub>2</sub>) which include black siliceous phyllite, green chloritic phyllite, and dark greywacke. Intrusive rocks include hornblende diorite (Mldim) and biotite quartz monzonite (Kgm).

Remnants of pre Mid Cretaceous thrust sheets of the Anvil Allochthon are characteristic of elevated terrain between Hoole River and Campbell Creeks. From the top down, the typical lithologies of the thrust remnants are:

CP<sub>AV</sub> Resistant dark grey weathering, massive dark green basalt.

CP<sub>AUB</sub> Resistant brown to dull red weathering dunite and peridotite.

CP<sub>AB</sub> Yellow green weathering serpentized peridotite.

CP<sub>AC</sub> Resistant, orange weathering quartz-carbonate rock (listwaenite).

Listwaenites are important exploration targets in this area and as such are worthy of further comment.

Listwaenite is the name given by Soviet authors to carbonate altered ultramafic rock. They occur along the contacts of Alpine type ultramafic bodies and are frequently associated with gold mineralization. These grey-green carbonate rocks consist of magnesium, iron, and calcium carbonates, and quartz with accessory serpentine, talc, fuchsite (chrome mica) and sulphides. Boyle describes five stages in the metasomatic development of listwaenite:

- " (1) initial formation of serpentine-actinolite-chlorite-carbonate rock (with few carbonates) grading to serpentine-chlorite-carbonate rocks;
- (2) intermediate stage of formation to serpentine-brucite-carbonate rocks containing hematite and quartz, and grading to talc-chlorite-carbonate and talc-carbonate rocks;
- (3) listwaenite stage of the mariposite listwaenites and the quartz carbonate listwaenites and their varieties;
- (4) final stage of veinlet formation of quartz, carbonate and other components of listwaenites and;


- (5) a post-listwaenite stage during which sulphides and other components, genetically related to younger hydrothermal activity, were precipitated in the listwaenites."

Buisson and Leblanc in their paper on gold bearing listwaenites of Italy, Morocco, and Saudi Arabia state that:

"The gold contents are generally 5 to 20 times greater than those of the associated ultramafic rock (5 ppb Au) although gold-rich zones containing 1-10 ppm Au also occur. The highest gold values are related to sulphide or cobalt arsenide mineralization or late quartz veining containing pyrite or arsenopyrite. The carbonatization of the ultramafic rocks to form listwaenite, like the formation of serpentinites, appears to be the result of hydrothermal alteration at moderate temperatures (150-300°) by Na, brines derived both from mantle material and interaction with sea water. Gold was leached from the opaque minerals of the serpentinitized ultramafic rocks. As the hydrothermal system evolved, gold transported by CO<sub>2</sub>-S-Cl-Na-K-B rich fluids along tectonic contacts was precipitated with quartz, sulphides and arsenides where the fluid entered the reducing and alkaline environment of the carbonatized rocks. ...."



FROM GSC OF 486

 <b>WELCOME NORTH MINES LTD.</b> 15th Floor, 675 W Hastings Street, Vancouver, B.C. Canada V6B 1M2 Facsimile (604) 687-2419 • Telephone (604) 581-1858			
<b>MAG CLAIMS</b>  <b>FIG. 3</b>  <b>REGIONAL GEOLOGY</b>			
Work by	Robert Potter	N.T.S.	1056
Drawn by	Robert Potter	Scale	1:250,000
Date	Oct 1988		

## VI. 1988 PROGRAM

The 1988 exploration program on the Mag was structured to assess its precious metal potential. Phase I work consisted of property wide reconnaissance geology, prospecting and soil sampling (June 18 to 27). Detailed follow-up of the northern part of the claims consisting of mapping, and rock and soil sampling (July 11 to 24). Fieldwork was carried out by a seven man crew supervised by the writer. Personnel and field equipment for the program were mobilized from Ross River with a Trans North Ltd. Bell 206B helicopter. Supplies and expediting services were provided by Ross River Service Centre Ltd.

Control for the surveys was established by compass and "hip-chain" on lines laid out at azimuths 040 and 130°. Phase I line spacing was a nominal 300 meters with flagged sample stations set at 50 meter intervals. Phase II infilling of the northern area was at a line spacing of 100 meters and station separation of 25 meters. A total of 76.8 kilometers of lines were established on the property.

## VII. PROPERTY GEOLOGY (Figs. 1, 4, & 5)

The Mag claims are underlain by a basement sequence of Klondike schist rocks (PP<sub>K2</sub>) which have been overthrust by basic to ultrabasic rocks of the Anvil Allochthon. Lithologies of the Klondike sequence include black carbonaceous and/or siliceous argillites, quartzites and greenstones. These are sporadically exposed on lower slopes throughout the property predominantly in the vicinities of 55N, 25E; 39N, 41E, and near the lower reaches of the creek which drains the southeast corner of the property. At the latter location pyritic calcareous horizons carry traces of sphalerite (Sample No. 50830).

The thrust plane is manifest as zones of intensely sheared carbonaceous or chloritic rock. It appears to occupy one or more undulating horizons which lie within a generally horizontal envelope.

Rocks of the Anvil Allochthon underlie most of the upland area of the property. This area is largely covered by alpine tundra, felsenmeer, and talus with good rock exposures generally occurring only on steeper slopes. Uppermost in the Anvil sequence is a dark grey weathering, massive, resistant basalt or andesite (CP<sub>AV</sub>). This is the predominant lithology above the 5800 foot elevation.

Below, the volcanics are discontinuous remnants of ultrabasic rocks (dunites and peridotites) (CP<sub>AUB</sub>). These are characteristically massive dull red to brown weathering with dark green fresh surfaces.

The most widespread Anvil lithology is a yellow-green serpentinite (CP<sub>AS</sub>). This is a moderately resistant to recessive, massive to intensely sheared rock. It forms much of the talus cover of the upper areas. Contacts are rarely exposed, but it appears to lie below ultramafic remnants.

The fourth Anvil lithologic type is an orange weathering quartz carbonate rock or listwaenite (CP<sub>AC</sub>). It has the form of roughly lenticular to tabular bodies up to 50 meters in thickness and several 100's of meters in length which commonly occur along the base of the allochthon immediately above the thrust surface. Fresh surfaces show a wide spectrum of colours in accordance with varying composition; including greens (fuchsite/mariposite, actinolite, chlorite) greys, buffs and white (talc, carbonates, quartz). They present a variety of textures attesting to a complex history of deformation and brecciation. Several locations are notable for their intense silification and dense stockwork fracturing healed by late sucrosic quartz veins. These occur at: 49N, 27+50E; 51+50N, 38E; and 48N, 44+50E. Talc carbonate rocks which are considered to be partially listwaenitized rocks occur locally along the listwaenite/serpentine contacts.

Sulphides appear to be erratic trace components of the listwaenites. The distribution and intensity of sulphide mineralization has not as yet been mapped. The late sucrosic quartz veins are barren of sulphides.

### VIII. GEOCHEMISTRY (Figures 4 & 5)

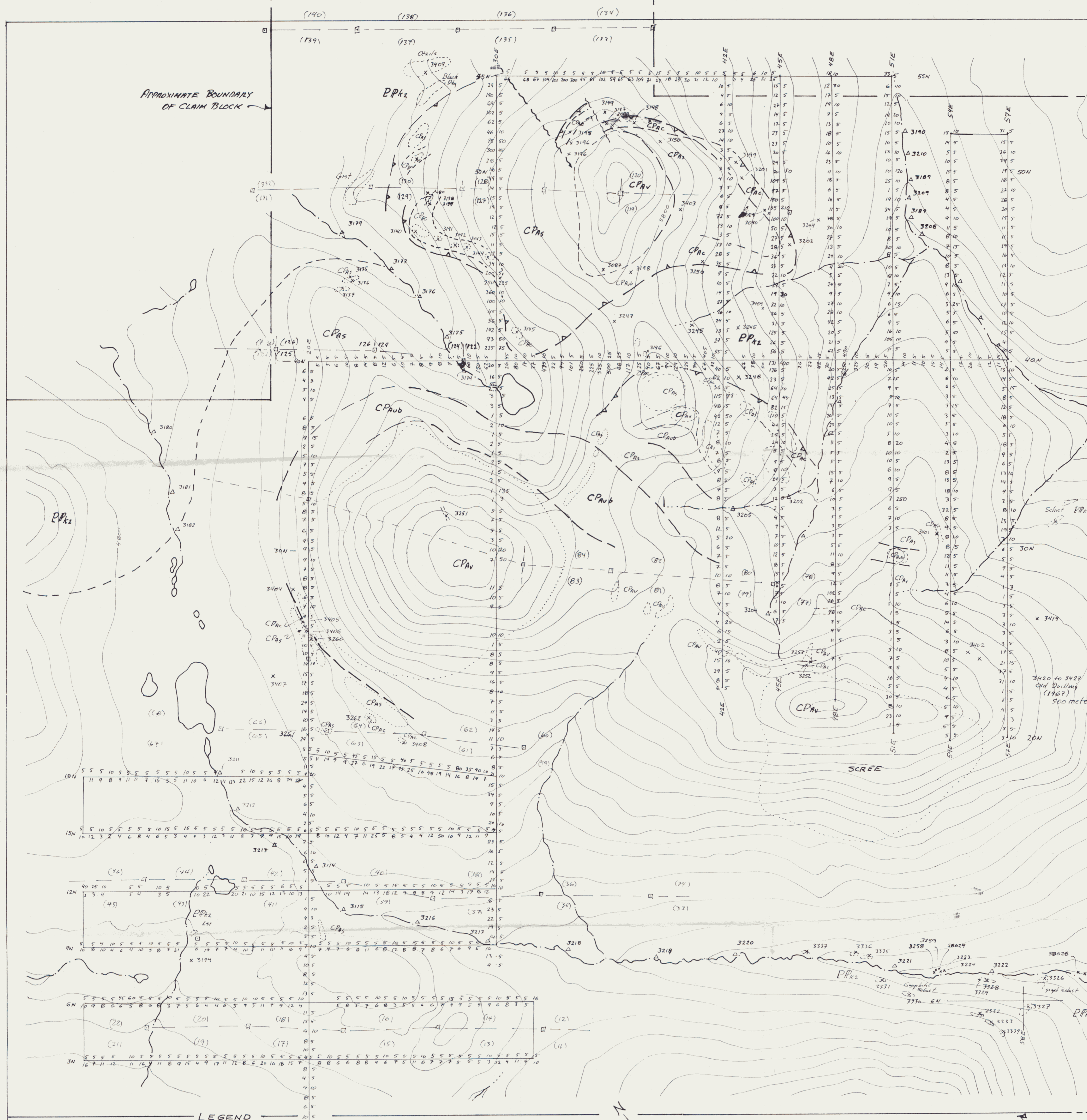
Geochem samples collected on Mag claims included 2097 soils (B horizon and talus fines) 51 stream silts and 84 rocks. Soils were packed in high wet-strength kraft envelopes and field dried. All samples were shipped to Min-En Laboratories of North Vancouver, B.C., for preparation and analyses according to procedures outlined in Appendix I.

No anomalies were detected in silt samples from streams draining the Mag claims.

The results of soil sampling show broad arsenic anomalies which generally take the form of downslope dispersion halos from an apparent source within the listwaenite zones at the base of the Anvil Allochthon sequence. Arsenic values range up to 6250 ppb. The 50 ppm contour of arsenic values show a well defined halo wrapping around the north hill on the property (Figs. 4 & 5).

Anomalous gold values in soil for the most part are from locations within the halo. Values range up to a maximum of 490 ppb arsenic. The gold source also appears as to be the basal listwaenite.

Rock samples were collected primarily from listwaenite and from sheared rock with quartz veining within the thrust zone. Scattered low level anomalous values were encountered. Sulphide content appears to be an important component of gold bearing rocks. The well developed stockwork zones of white sucrosic quartz veins were everywhere found to be barren of both sulphides and gold.



MAG ROCKS					
SAMPLE NUMBER	N. E. LOCATION	DESCRIPTION	As	Au	Ag
3135	44 23	20m chip List, 2% QU	9	2	0.7
36	44 23	Select grab QU in List	5	2	0.8
37	43 22	20m grab Sect. oc. 5% QU	199	8	1.0
38	49 26	15m chip sil. list in 3038AU	81	3	0.7
39	49 26	5m chip sil. list edge of ft	95	2	0.8
40	47 26	Grab, 10x10m List minor QU	87	17	0.8
41	46 27	10m chip List, minor QU	52	3	0.6
42	46 28	30m chip sil. list ft. along FIC	15	2	0.5
43	46 28	Grab, 10x10m List, minor QU	69	16	0.5
44	46 30	Grab 5x4x4m List, 50% QU	33	256	0.7
45	41 31	Grab 3x10m List, good sil. some calc. in matrix	29	4	0.4
46	40 38	Grab Select QU ft. along FIC	28	1	0.3
47	52 36	Chips 5m Strongly fractured QU	26	2	0.6
48	52 37	Grab 2x8m List, sil. QU, and ft. ft.	11	3	0.7
49	53 36	Grab 2x2m Carbonate ls, sil	20	5	0.9
50	52 38	Grab ft. talus Fy. banded chert 2% py	5	106	0.5
3193	40 57	Silt	275	3	1.1
94	8 24	7m chip bull. gte			
95	52 34	5m chip List with QU	86	21	0.8
96	51 34	5m chip Scrp w pyrite	57	2	0.9
97	51 34	2m chip Scrp w py	5	3	0.6
98	45 37	1m chip Ultramafic mag.	3	3	1.1
99	50 42	2m chip List w QU	4	2	1.2
3201	49 43	8m chip List w QU	72	2	0.9
02	46 45	5m chip List	11	1	0.7
45	42 40	20m grab. Group sh, py, QU	19	22	0.7
46	53 38	1m channel List w QU	55	1	0.9
47	42 37	2m chip Pyritic sch. w QU	85	3	0.6
48	39 43	4m talus grab Sels, QU, py	19	2	0.8
49	38 41	3m talus grab Sels, QU, py	11	1	0.6
50	39 42	1m channel group sch. QU	26	4	0.5
51	32 27	5m grab, unweathered chert basal minor QU	1	23	1.0
52	24 46	3m grab " " " "	17	1	1.1
53	24 46	10cm QU edge of camp zone	4	6	1.0
54	QC	Grab 10x10m List, QU			
55	QC	1x3m QU in schist edge of List			
56	RIV	5x5m List w sil. QU			
57	RIV	2x5m List 20% QU			
58	8 53	5cm QU py Arseno	3	2	0.3
59	8 53	20cm List w py	8	4	2.0
60	26 20	5x10m grab List, few QU	5	1	0.9
61	20 20	Flint bloc. Scrp-List 50% QU	5	10	0.5
62	21 23	30cm chips List 20% sil QU	14	6	0.6
3228	36 46	1m chip List, vuggy sil. QU	33	93	1.1
79	39 41	3m chip sil. vuggy schist	27	3	0.7
80	40 41	3x3 grab Rusty QU rubble, sil. basal	53	37	0.6
81	39 41	2m chip sil. carb. schist, sil. QU	29	26	0.8
82	38 26	3x3m grab, QU rusty sil. sch.	97	20	
83	52 27	1x3m Adj. ft. List w QU	78	39	
3326	7 59	2m grab schist	123	6	2.3
22	6 58	1m grab, group sch. QU	92	3	1.4
28	7 56	1m channel group sch. QU w py	40	18	0.6
29	7 56	2m grab group sch. QU w py	27	2	0.7
30	6 52	2m grab group sch. QU w py	20	5	0.8
31	7 50	1m channel group sch. QU w py	47	2	0.8
32	5 56	1m " " " "	33	11	0.7
33	5 56	" " " " " "	30	4	0.4
34	4 57	10m grab braccia	107	25	0.8
35	8 49	5m grab group sch. QU	24	36	0.6
36	8 50	1m grab Sch. QU 18" wide	25	17	0.7
37	9 46	1m grab group sch. py, QU	11	23	0.9
3346					
47					
48	53 34	20m grab rusty QU below List	69	10	
49	53 36	" " " " " "	15	7	
50	53 37	20 " " " " " "	27	15	
3401	31 53	1m channel List	22	182	0.8
02	24 55	Talus bloc. sil. velt. Qtz, py	18	2	1.0
03	24 56	1m chip " " " "	4	39	0.9
04	28 19	1m channel Group Sch. QU, py	43	4	1.0
05	26 20	1m " " " " " "	10	346	
06	24 20	10m grab sil. velt. QU, py	22	2	
07	23 18	1m chip Sch. Qtz, carb. py	5	21	
08	20 25	1m chip List	67	5	
09	55 26	2m chip Qtzite, gte, vlt, py	23	54	
3455					
56	53 34	3x3 grab List, QU	84	16	
57	53 34	30m grab Qtz in bx rubble	39	7	
58	53 34	40m " " " " " "	62	8	
59	53 35	10m " " " " " "	625	12	
3419	26 59				
20	22 69	Grab, schist w bandolopy, Qtz	62	42	
21	22 69	Grab Sed w gte of py	4	10	
22	22 67	20" core Group sch w py	48	5	
23	22 67	14" core Qtz. bx w py	34	10	
24	22 69	10" core Group sch w Qtz, py	57	12	
25	22 69	12" core " " " "	80	10	
26	21 67	12" core " " " "	39	8	
27	22 67	10" core Qtz w py	45	22	
50B27	7 64	Graphite schist, grab, py	2	2	0.6
28	8 61	" " " " " "	2	1	0.5
29	8 54	" " " " " "	11	1	1.4
30	8 61	Grab, graphite schist, ft. gte	5	2	0.6
31	7 62	" " " " " "	2	3	0.6
32	7 65	" " " " " "	3	2	0.6
33	7 63	" " " " " "	2	5	0.8
32 21	8 51	Silt			
22	8 56	" " " " " "			
23	8 54	1m channel List w py, gte, sil	4	1	1.2
24	8 54	1m " " " " " "	5	2	0.6

**LEGEND**

CARB & PERMIAN  
ANVIL-CAMPBELL ALLOCHTHON-

CPAs BASALT

CPAsub ULTRABASIC ROCKS:  
PERIDOTITE, DUNITE

CPAs SERPENTINITE

CPAs QUARTZ-CARBONATE ALTERATION ZONES  
"LISTWAENITE"

AGE UNKNOWN

KLONDIKE SCHIST

PPKz BLACK SILICEOUS PHYLITE, GREENSTONE  
QUARTZITE, LIMESTONE

THrust FAULT

X ROCK SAMPLE

Δ SILT SAMPLE

34 5 SOIL SAMPLE As (ppm) Au (ppb)

OUTCROP AREA

(84) (82)  
(83) (81) CLAIM LINE, POST. NUMBERS

SCALE 1:10,000  
0 200 400 METERS

WELCOME NORTH MINES LTD  
675 W HASTINGS ST VANCOUVER BC

MAG CLAIMS

FIG 4

GEOLOGY & GEOCHEMISTRY

092654

Worked by Robert Foller NTS: 105 G/6611

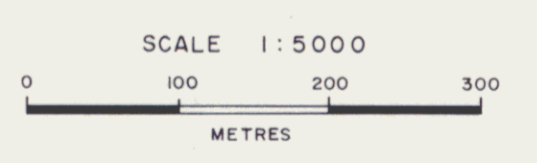
DATE Nov. 1988 REV: SCALE 1:10,000

TO ACCOMPANY REPORT BY RITTER/88  
Nov/88



LEGEND

- ANVIL-CAMPBELL ALLOCHTHON-CARB & PERMIAN
  - CPAub Ultrabasic rocks
  - CPAs Serpentine
  - CPAc Quartz-carbonate rock
  - CPAv Metavolcanic rock
- KLONDIKE SCHIST
  - PPK2 Black siliceous phyllite, grey quartz mica schist, limestone and quartzite
- Geological boundary
- Outcrop outline
- Fault
- Thrust fault
- Foliation (inclined, vertical)
- x 3548 Rock sample & number
- 105-210 Grid soil assays - As (ppm) Au (ppb)
- Soil assay contour -50ppm As



TO ACCOMPANY REPORT BY R. POTTER P. 166, NOV 88

**WELCOME NORTH MINES LTD.**  
 VANCOUVER, BRITISH COLUMBIA, CANADA

**MAG CLAIMS**  
 Fig 5  
**PHASE II**  
**GEOLOGY & GEOCHEMISTRY**  
**092654**

Work by :	ROBERT POTTER	N.T.S. : 105 G/6 B 11
Drawn by :	Ram N. Gopal	Rev. :
Date :	Sept. 1988	

24

APPENDIX I

ANALYTICAL PROCEDURES

## *MIN-EN Laboratories Ltd.*

*Specialists in Mineral Environments*

Corner 15th Street and Bewicke  
705 WEST 15TH STREET  
NORTH VANCOUVER, B.C.  
CANADA V7M 1T2

### GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with  $\text{HNO}_3$  and  $\text{HClO}_4$  mixture.

After pretreatments the samples are digested with Acqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).

PHONE 980-5814

*MIN-EN Laboratories Ltd.*

*Specialists in Mineral Environments*

Corner 15th Street and Bewicke  
705 WEST 15th STREET  
NORTH VANCOUVER, B.C.  
CANADA

ANALYTICAL PROCEDURE REPORTS FOR ASSESSMENT WORK.

PROCEDURES FOR, Cu, Mo, Cd, Pb, Mn, Ni, Ag, Zn.

Samples are processed by Min-En Laboratories Ltd. at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by jaw crusher and pulverized by ceramic plated pulverizer.

1.0 gram of the samples are digested for 6 hours with  $\text{HNO}_3$  and  $\text{HClO}_4$  mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by Atomic Absorption Spectrophotometers.

Copper, lead, zinc, silver, cadmium, cobalt, nickel and manganese are analysed using the  $\text{CH}_2\text{H}_2$ -Air flame combination but the molybdenum determination is carried out by  $\text{C}_2\text{H}_2$ - $\text{N}_2\text{O}$  gas mixture directly or indirectly (depending on the sensitivity and detection limit required) on these sample solutions.

Background corrections for Pb, Ag, Cd upon request are completed.

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### Analytical Procedure Report for Assessment Work

#### 31 Element ICP

Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cu, Fe, K, Li,  
Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, U, V, Zn, Ga, Sn, W,  
Cr

Samples are processed by Min-En Laboratories Ltd., at 705 West 15th Street, North Vancouver, employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized by ceramic plated pulverizer or ring mill pulverizer.

1.0 gram of the sample is digested for 4 hours with an aqua regia HClO<sub>4</sub> mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by computer operated Jarrall Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers. Reports are formatted and printed using a dot-matrix printer.

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### ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK

#### PROCEDURE FOR ARSENIC:

Samples are processed by Min-En Laboratories Ltd., at 705 West 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized by ceramic plated pulverizer.

1.0 gram of the samples are digested for 6 hours with HNO<sub>3</sub> and HClO<sub>4</sub> mixture.

After cooling samples are diluted to standard volume. A suitable aliquote is taken from the above 1 gram sample solution and the test is carried out by Gutzit method using Ag CS<sub>2</sub>N (C<sub>2</sub>H<sub>5</sub>)<sub>2</sub> as a reagent. The detection limit obtained is 1. ppm.

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CANADA V7M 1T2

### ASSESSMENT REPORT FOR:

#### HEAVY MINERAL SAMPLING AND CONCENTRATIONS

A large sample is collected from stream sediments or soils big enough to yield a minimum of 0.5 kg of the desired minus fraction. After sieving through any of the sieve mesh sizes they are adapted for the survey. After sieving the samples, the minus fraction is grinded to -80 mesh.

Then 0.4 kg of sample is weighed into a suitable centrifuge containers. The prepared concentrations of liquids are added to obtain a 3.1 specific gravity flotation.

The heavy fractions are then washed cleaned and dried. After drying the samples they are separated. The sink float Heavy Minerals are separated into Magnetic and Non Magnetic fractions and both fractions are weighed. The percent of the Magnetic and non Magnetic fractions are calculated and reported with the analytical data.

The analysis are than carried out in the usual analytical manner by I.C.P. or A.A. method.

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CANADA V7M 1T2

### FIRE GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Fire Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 15.00 or 30.00 grams are fire assay preconcentrated.

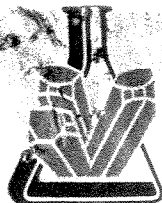
After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 1 ppb.

APPENDIX II

ANALYTICAL CERTIFICATES



**MIN-EN LABORATORIES LTD.**  
**SPECIALISTS IN MINERAL ENVIRONMENTS**

CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

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 TELEPHONE (604) 980-5814 OR (604) 988-4524  
 TELEEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:  
 33 EAST IROQUOIS ROAD  
 P.O. BOX 867  
 TIMMINS, ONTARIO CANADA P4N 7G7  
 TELEPHONE: (705) 264-9896

Certificate of GEOCHEM

Company: WELCOME NORTH MINES  
 Project: ROSS RIVER 6 *MAG. HOOLE*  
 Attention: J BROCK / R POTTER

*TINTINA*

File: 8-759/P1  
 Date: JUNE 23/88  
 Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM	AG PPM
3039 <i>STAR</i>	2	5	0.6
3040	3	2	0.4
3041 <i>HOOLE</i>	6	4	0.5
3042 <i>STAR</i>	2	10	0.6
3043	1	7	0.3
3044	4	8	0.3
3045 <i>HOOLE</i>	2	3	0.7
3046	3	3	0.4
3047	1	3	0.6
3048	2	3	0.2
3049	5	3	0.9
3050	1	2	0.5
3051	3	2	0.5
3052	8	5	0.3
3053 <i>LE</i>	4	5	0.4
3054	2	5	0.4
3055	2	3	0.7
3056	1	2	0.8
3057	6	16	0.3
3058	3	9	1.2
3059	2	6	0.3
3060	5	6	0.7
3061	2	6	0.5
3074 <i>HOOLE</i>	1	13	0.7
3075	1	21	2.2
3076	3	60	1.0
3077	2	18	1.1
3078	2	10	1.4
3079	1	7	1.3
3080	3	7	0.9

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TELEPHONE (604) 980-5814 OR (604) 988-4524  
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: WELCOME NORTH MINES  
Project: RR 6 M *AG*  
Attention: J. BROCK

File: B-815/P1  
Date: JULY 5/88  
Type: SDIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
L40N 3000E	0.8	129	120
L40N 3050E	0.6	26	45
L40N 3100E	0.9	86	10
L40N 3150E	0.6	17	10
L40N 3200E	0.6	137	5
L40N 3250E	0.4	475	10
L40N 3300E	0.4	32	5
L40N 3350E	0.5	94	5
L40N 3400E	0.8	101	5
L40N 3450E	0.4	250	5
L40N 3500E	0.5	225	5
L40N 3550E	0.7	325	10
L40N 3600E	0.6	500	25
L40N 3650E	0.3	68	5
L40N 3700E	0.6	117	10
L40N 3750E	0.7	29	5
L40N 3800E	0.5	40	5
L40N 3850E	0.6	67	5
L40N 3900E	0.8	94	10
L40N 3950E	0.6	129	10
L40N 4000E	0.7	275	5
L40N 4050E	0.5	70	5
L40N 4100E	0.8	67	405
L40N 4150E	0.6	72	10
L40N 4200E	0.3	32	5
L40N 4300E	0.3	62	5
L40N 4350E	0.4	38	10
L40N 4400E	0.4	50	5
L40N 4450E	0.5	72	10
L40N 4500E	0.6	56	5

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TELEPHONE (604) 980-5814 OR (604) 988-4524  
TELEX: VIA U.S.A. 7601087 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

*Certificate of GEOCHEM*

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 8-815/P2  
Date: JULY 6/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
L40N 4550E	.4	26	5
L40N 4600E	.6	27	5
L40N 4650E	.4	42	15
L40N 4700E	.5	30	5
L40N 4750E	.8	35	5
L40N 4800E	.9	26	10
L40N 4850E	1.8	6250	490
L40N 4900E	.5	325	10
L40N 4950E	.4	30	5
L40N 5000E	.3	19	5
L40N 5050E	.6	20	5
L40N 5100E	.4	20	5
L40N 5150E	.3	14	10
L40N 5200E	.5	11	5
L40N 5250E	.6	10	5
L40N 5300E	.3	15	5
L40N 5350E	.4	14	5
L40N 5400E	.5	13	5
L40N 5450E	.3	17	5
L40N 5500E	.6	26	10
L40N 5550E	.2	11	5
L40N 5600E	.4	12	5
L40N 5650E	.5	11	15
L40N 5700E	.4	15	5
L40N 5750E	.6	12	5
L40N 5800E	.5	19	5
L40N 2000E	.6	7	5
L40N 2050E	.5	5	5
L40N 2100E	.3	5	5
L40N 2150E	.5	6	5

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705 WEST 15TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 8-815/P3  
Date: JULY 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG FPM	AS PPM	AU-WET PPB
L40N 2200E	0.3	10	5
L40N 2250E	0.6	8	5
L40N 2300E	0.4	14	5
L40N 2350E	0.5	8	5
L40N 2400E	0.4	12	5
L40N 2450E	0.5	6	5
L40N 2500E	0.6	10	5
L40N 2550E	0.5	7	5
L40N 2600E	0.6	8	5
L40N 2650E	0.4	9	5
L40N 2700E	0.5	8	10
L40N 2750E	0.6	7	5
L40N 2800E	0.9	11	5
L40N 2850E	0.6	60	10
L40N 2900E	0.7	150	5
L40N 2950E	0.5	62	5
L30E 4050N	0.6	275	75
L30E 4100N	0.6	93	50
L30E 4150N	0.5	142	5
L30E 4200N	0.7	56	5
L30E 4250N	0.8	45	5
L30E 4300N	0.7	100	10
L30E 4350N	0.6	300	10
L30E 4400N	0.9	250	225
L30E 4450N	0.7	200	5
L30E 4500N	0.7	34	10
L30E 4550N	0.4	12	5
L30E 4600N	0.8	11	5
L30E 4650N	0.6	15	5
L30E 4700N	0.4	12	5

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TELEPHONE (604) 980-5814 OR (604) 988-4524  
TELEX: VIA U.S.A. 7801067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 8-815/P4  
Date: JULY 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AS PPM	AU-WET PPB
L30E 4750N	0.6	12	5
L30E 4800N	0.5	14	5
L30E 4850N	0.8	15	5
L30E 4900N	0.7	14	5
L30E 4950N	0.5	19	5
L30E 5000N	0.6	16	5
L30E 5050N	0.5	28	5
L30E 5100N	1.2	300	45
L30E 5150N	0.8	75	50
L30E 5200N	0.6	46	10
L30E 5250N	0.7	62	5
L30E 5300N	0.5	102	5
L30E 5350N	0.7	69	5
L30E 5400N	0.6	140	5
L30E 5450N	0.8	29	5
L30E 5500N	0.7	32	5
L55N 3050E	0.4	66	5
L55N 3150E	0.5	68	5
L55N 3200E	0.6	67	5
L55N 3250E	0.5	104	5
L55N 3300E	0.5	101	10
L55N 3350E	0.4	200	5
L55N 3400E	0.6	300	5
L55N 3450E	0.6	55	5
L55N 3500E	0.4	65	5
L55N 3550E	0.8	102	10
L55N 3600E	0.5	59	5
L55N 3650E	0.6	65	5
L55N 3700E	0.7	63	5
L55N 3750E	0.6	109	5

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705 WEST 15TH STREET  
ORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 8-815/P5  
Date: JULY 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
L55N 3800E	.6	31	5
L55N 3850E	.5	24	15
L55N 3900E	.6	13	5
L55N 3950E	.4	25	5
L55N 4000E	.6	36	5
L55N 4050E	.3	21	10
L55N 4100E	.4	12	5
L55N 4150E	.7	10	5
L55N 4200E	.5	9	5
L55N 4250E	.4	11	5
L55N 4300E	.4	41	5
L55N 4350E	.3	25	5
L55N 4400E	.5	21	10
L55N 4450E	.4	25	5
L55N 4500E	.3	23	5
L48E 2400N	.4	1	5
L48E 2500N	.4	11	15
L48E 2550N	.3	9	5
L48E 2600N	.4	7	5
L48E 2650N	.5	98	10
L48E 2700N	.3	76	5
L48E 2750N	.4	102	5
L48E 2800N	.5	12	5
L48E 2850N	.3	9	5
L48E 2900N	.4	8	5
L48E 2950N	.3	11	10
L48E 3000N	.4	5	5
L48E 3050N	.3	3	5
L48E 3100N	.3	3	5
L48E 3150N	.5	5	5

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705 WEST 15TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: WELCOME NORTH MINES  
Project: RR & M  
Attention: J. BROCK

File: 8-815/P6  
Date: JULY 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
L48E 3200N	.4	3	5
L48E 3250N	.6	10	5
L48E 3300N	.3	6	5
L48E 3350N	.5	7	10
L48E 3400N	.6	15	5
L48E 3450N	.4	8	5
L48E 3500N	.4	5	5
L48E 3550N	.5	11	5
L48E 3600N	.6	62	5
L48E 3650N	.3	23	10
L48E 3700N	.7	20	5
L48E 3750N	.5	14	5
L48E 3800N	.6	13	5
L48E 3850N	.4	25	5
L48E 3900N	.7	92	5
L48E 3950N	1.1	20	5
L45E 2550N	.9	7	5
L45E 2600N	.6	5	5
L45E 2700N	.5	1	10
L45E 2750N	.7	19	5
L45E 2800N	.6	6	5
L45E 2850N	.4	13	5
L45E 2900N	.3	8	5
L45E 2950N	.7	12	5
L45E 3000N	.4	10	5
L45E 3050N	.3	7	5
L45E 3100N	.3	5	5
L45E 3150N	.4	9	5
L45E 3200N	.3	4	5
L45E 3250N	.6	2	5

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**VANCOUVER OFFICE:**  
705 WEST 15TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

*Certificate of Geochem*

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 8-815/P7  
Date: JULY 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
L45E 3300N	1.7	3	5
L45E 3350N	.5	24	5
L45E 3400N	.5	8	10
L45E 3450N	.6	9	5
L45E 3500N	.6	8	5
L45E 3550N	.4	24	10
L45E 3600N	.6	25	5
L45E 3650N	.4	44	5
L45E 3700N	.3	110	5
L45E 3750N	.4	82	5
L45E 3800N	.4	64	45
L45E 3850N	.3	64	10
L45E 3900N	.4	23	5
L45E 3950N	.4	126	5
L45E 4000N	.3	131	410
L45E 4050N	.4	56	5
L45E 4100N	.3	26	5
L45E 4150N	.6	125	15
L45E 4200N	.4	31	5
L45E 4250N	.3	26	5
L45E 4300N	.3	32	10
L45E 4350N	.4	19	30
L45E 4400N	.3	24	5
L45E 4450N	.3	22	10
L45E 4500N	.4	23	5
L45E 4550N	.4	36	5
L45E 4600N	.3	28	5
L45E 4650N	.3	27	5
L45E 4700N	.9	50	5
L45E 4750N	.6	100	10

Certified by

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TELEPHONE (604) 980-5814 OR (604) 988-4524  
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

## Certificate of Geochem

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-815/P8  
Date: JULY 6/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
L45E 4800N	.7	105	210
L45E 4850N	.5	100	5
L45E 4900N	.7	97	5
L45E 4950N	.7	109	5
L45E 5000N	.6	29	50
-----			
L45E 5050N	.2	24	5
L45E 5100N	1.1	30	5
L45E 5150N	.4	23	5
L45E 5200N	.9	27	5
L45E 5250N	.7	17	5
-----			
L45E 5300N	.5	14	5
L45E 5350N	.4	27	5
L45E 5400N	.5	12	5
L45E 5450N	.6	15	5
L20E 2000N	.4	24	5
-----			
L20E 2050N	.9	16	5
L20E 2100N	.7	19	5
L20E 2150N	.5	14	5
L20E 2200N	.5	24	5
L20E 2250N	.5	18	5
-----			
L20E 2300N	.6	17	5
L20E 2350N	.4	15	5
L20E 2400N	.4	14	10
L20E 2450N	.8	10	5
L20E 2500N	.4	10	5
-----			
L20E 2550N	.3	11	5
L20E 2600N	.6	14	5
L20E 2650N	.4	9	5
L20E 2700N	.4	7	10
L20E 2750N	.5	6	5

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P.O. BOX 867  
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*Certificate of Geochem*

Company: WELCOME NORTH MINES  
Project: RR & M  
Attention: J. BROCK/R. POTTER

File: 8-815/P9  
Date: JULY 6/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
L20E 2800N	.5	8	5
L20E 2850N	.7	8	5
L20E 2900N	.7	7	5
L20E 2950N	.5	9	10
L20E 3000N	.6	9	5
L20E 3050N	.8	9	5
L20E 3100N	.5	6	5
L20E 3150N	.4	6	5
L20E 3200N	.4	7	5
L20E 3250N	.6	8	5
L20E 3300N	.5	5	10
L20E 3350N	.6	8	5
L20E 3400N	.4	9	5
L20E 3450N	.5	5	5
L20E 3500N	.6	7	5
L20E 3550N	.5	5	10
L20E 3600N	.4	2	5
L20E 3650N	.6	9	15
L20E 3700N	.9	8	5
L20E 3750N	1.0	6	5
L20E 3800N	.8	4	5
L20E 3850N	.8	5	10
L20E 3900N	.6	4	5
L20E 3950N	.7	6	5
L30E 0800N	.6	9	5
L30E 0850N	.6	13	5
L30E 0900N	.8	18	5
L30E 0950N	.5	14	5
L30E 1000N	.7	19	5
L30E 1050N	.7	22	5

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

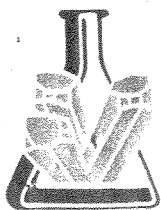
File: 8-815/P10  
Date: JULY 6/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
L30E 1100N	.9	23	5
L30E 1150N	.6	8	5
L30E 1200N	.7	16	10
L30E 1250N	.6	17	5
L30E 1300N	.8	14	5
L30E 1350N	.7	12	5
L30E 1400N	.5	16	5
L30E 1450N	.8	23	5
L30E 1500N	.4	14	5
L30E 1550N	.7	20	10
L30E 1600N	.6	10	5
L30E 1650N	.4	9	5
L30E 1700N	.5	34	5
L30E 1750N	.6	15	5
L30E 1800N	.8	21	10
L30E 1850N	.3	8	5
L30E 1900N	.5	6	5
L30E 1950N	.5	7	5
L30E 2000N	.4	11	10
L30E 2050N	.8	14	5
L30E 2100N	.6	3	5
L30E 2150N	.6	11	5
L30E 2200N	.3	7	5
L30E 2250N	.4	8	10
L30E 2300N	.5	16	5
L30E 2350N	.4	9	5
L30E 2400N	.6	8	5
L30E 2450N	.6	8	5
L30E 2550N	.3	1	5
L30E 2650N	.4	10	10

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-815/P11  
Date: JULY 6/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
L30E 2700N	.6	9	5
L30E 2750N	.7	10	5
L30E 2800N	.6	11	5
L30E 2850N	NO SAMPLE		
L30E 2950N	.8	7	50
-----			
L30E 3000N	.5	10	20
L30E 3050N	.6	3	5
L30E 3100N	.8	5	5
L30E 3150N	.5	7	5
L30E 3200N	.6	5	5
-----			
L30E 3250N	.7	1	5
L30E 3300N	.6	1	135
L30E 3350N	.4	2	5
L30E 3400N	.5	1	5
L30E 3450N	.6	3	5
-----			
L30E 3500N	.6	1	5
L30E 3550N	.5	2	5
L30E 3600N	.7	1	5
L30E 3650N	.6	2	10
L30E 3700N	.5	1	5
-----			
L30E 3750N	.8	3	5
L30E 3800N	.7	3	5
L30E 3850N	.6	55	5
L30E 3900N	.4	16	5
L30E 3950N	.5	20	5
-----			
L42E 2250N	.6	6	5
L42E 2300N	.4	5	5
L42E 2350N	.6	29	5
L42E 2400N	.5	15	10
L42E 2450N	.7	40	5

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-815/P12  
Date: JULY 7/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AL/WET PFB
L42E 2500N	.5	2	5
L42E 2550N	.4	6	15
L42E 2600N	.4	4	25
L42E 2650N	.5	1	5
L42E 2700N	.6	4	5
-----			
L42E 2750N	.3	7	10
L42E 2800N	.6	8	5
L42E 2850N	.5	10	10
L42E 2900N	.5	7	5
L42E 2950N	.6	7	5
-----			
L42E 3000N	.6	6	5
L42E 3050N	.5	5	20
L42E 3100N	.7	12	5
L42E 3150N	.5	8	5
L42E 3200N	.4	7	5
-----			
L42E 3250N	.8	8	5
L42E 3300N	.7	7	5
L42E 3350N	.4	8	5
L42E 3400N	.5	9	5
L42E 3450N	.5	8	5
-----			
L42E 3500N	.4	7	5
L42E 3550N	.5	8	10
L42E 3600N	.6	7	5
L42E 3650N	.5	12	5
L42E 3700N	.7	43	30
-----			
L42E 3750N	.5	48	5
L42E 3800N	.4	115	95
L42E 3850N	.4	36	5
L42E 3900N	.6	62	10
L42E 3950N	.5	40	5

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P.O. BOX 867  
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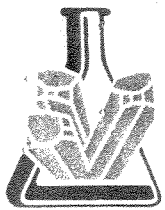
Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 8-835/P2  
Date: JULY 7/88  
Type: PAN CONCENTRATI

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-FIRE PPB
3214	1.3	12	81
3215	1.2	5	3
3216	1.0	9	4
3217	1.1	8	6
3218	1.3	6	2
3219	1.2	5	5
3220	.9	5	7
3221	.8	5	2
3222	.9	6	2
3200	1.6	4	56

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TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

*Certificate of GEOCHEM*

Company: WELCOME NORTH MINES  
Project: RR 6 MAG  
Attention: J. BROCK/R. POTTER

File: 8-835/P1  
Date: JULY 7/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU/WET PPB
LM9N 2050	.5	7	5
LM9N 2100	1.0	4	5
LM9N 2150	.4	7	5
LM9N 2200	.6	6	10
LM9N 2250	.5	8	5
LM9N 2300	.4	11	5
LM9N 2350	.7	6	5
LM9N 2400	.5	8	5
LM9N 2450	.5	12	10
LM9N 2500	.7	8	5
LM9N 2550	.4	8	15
LM9N 2600	.4	7	5
LM9N 2650	.5	8	5
LM9N 2700	.3	6	5
LM9N 2750	1.1	7	10
LM9N 2800	.4	6	5
LM9N 2850	.7	7	5
LM9N 2900	.3	5	5
LM9N 2950	.6	16	25
LM9N 3000	.6	8	10
LM3N 0800E	.5	16	5
LM3N 0850E	.3	7	5
LM3N 0900E	1.1	11	5
LM3N 0950E	.8	12	5
LM3N 1050E	.6	11	10
LM3N 1100E	.7	16	5
LM3N 1150E	.3	7	5
LM3N 1200E	.4	11	5
LM3N 1250E	.7	8	5
LM3N 1300E	.9	9	5

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Attention: J. BROCK/R. POTTER

File: 8-835/P2  
Date: JULY 7/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
LM3N 1350E	.5	15	5
LM3N 1400E	.3	4	5
LM3N 1450E	.6	9	5
LM3N 1500E	.6	17	5
LM3N 1550E	.3	11	5
LM3N 1600E	.4	12	5
LM3N 1650E	.3	8	5
LM3N 1700E	.4	6	5
LM3N 1750E	.9	20	10
LM3N 1800E	.7	16	5
LM3N 1850E	.3	18	5
LM3N 1900E	.3	15	5
LM3N 1950E	.7	7	5
LM3N 2050E	.5	8	5
LM3N 2100E	.4	8	10
LM3N 2150E	.3	6	5
LM3N 2200E	.6	6	5
LM3N 2250E	1.2	8	5
LM3N 2300E	.7	8	5
LM3N 2350E	.4	4	5
LM3N 2400E	.5	6	10
LM3N 2450E	.3	7	5
LM3N 2500E	.6	5	5
LM3N 2550E	.6	11	5
LM3N 2600E	.4	6	10
LM3N 2650E	.3	7	5
LM3N 2700E	.7	7	5
LM3N 2750E	.6	7	5
LM3N 2800E	.6	5	5
LM3N 2850E	.9	5	5

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

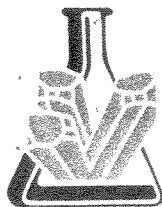
File: 8-835/P3  
Date: JULY 6/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
LM3N 2900E	0.5	5	5
LM3N 2950E	0.9	3	10
LM3N 3000E	0.3	12	5
LM3N 3050E	0.6	6	5
LM3N 3100E	0.5	11	5
LM3N 3150E	0.4	9	5
LM3N 3200E	0.7	10	5
M57E 2000N	0.6	3	10
M57E 2050N	0.5	3	5
M57E 2100N	0.6	1	5
M57E 2150N	0.6	4	5
M57E 2200N	0.5	3	5
M57E 2250N	0.6	1	5
M57E 2300N	0.4	31	10
M57E 2350N	0.5	37	5
M57E 2400N	0.6	21	15
M57E 2450N	0.7	27	5
M57E 2500N	0.8	7	5
M57E 2550N	0.4	3	5
M57E 2600N	0.6	3	10
M57E 2650N	0.6	2	5
M57E 2700N	0.5	3	5
M57E 2750N	0.4	1	5
M57E 2800N	0.6	1	5
M57E 2850N	0.3	4	5
M57E 2900N	0.6	9	5
M57E 2950N	0.4	5	5
M57E 3000N	0.3	6	5
M57E 3050N	0.4	13	10
M57E 3100N	0.8	19	5

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P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-835/P4  
Date: JULY 7/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M57E 3150N	0.4	13	5
M57E 3200N	0.3	8	10
M57E 3250N	0.3	7	5
M57E 3300N	0.5	9	5
M57E 3350N	0.4	14	5
M57E 3400N	0.5	13	10
M57E 3450N	0.3	6	5
M57E 3500N	0.2	9	5
M57E 3550N	0.4	8	5
M57E 3600N	0.4	5	5
M57E 3650N	0.6	6	10
M57E 3700N	0.7	18	5
M57E 3750N	0.5	12	5
M57E 3800N	0.4	8	5
M57E 3850N	0.4	5	15
M57E 3900N	0.5	14	5
M57E 3950N	0.4	13	10
M57E 4050N	0.5	10	5
M57E 4100N	0.6	4	5
M57E 4150N	0.3	15	5
M57E 4200N	0.4	13	10
M57E 4250N	0.4	14	5
M57E 4300N	0.5	17	5
M57E 4350N	0.6	10	5
M57E 4400N	0.5	11	5
M57E 4450N	0.7	12	5
M57E 4500N	0.6	13	10
M57E 4550N	0.8	16	5
M57E 4600N	0.5	19	5
M57E 4650N	0.3	11	5

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TELEX: VIA U.S.A. 7601087 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
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Certificate of Geochem

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-835/P5  
Date: JULY 7/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M57E 4700N	0.4	11	5
M57E 4750N	0.3	14	5
M57E 4800N	0.5	26	5
M57E 4850N	0.3	28	5
M57E 4900N	0.4	27	10
-----			
M57E 4950N	0.3	18	5
M57E 5000N	0.5	19	5
M57E 5050N	0.6	39	5
M57E 5100N	0.3	30	10
M57E 5150N	0.7	18	5
-----			
M57E 5200N	0.3	31	5
M9N 0800E	0.4	10	5
M9N 0850E	0.3	8	5
M9N 0900E	0.5	10	5
M9N 0950E	0.4	4	10
-----			
M9N 1000E	0.4	6	5
M9N 1050E	0.8	4	5
M9N 1100E	1.4	10	5
M9N 1150E	1.5	5	10
M9N 1200E	0.7	8	5
-----			
M9N 1250E	0.6	7	5
M9N 1300E	0.3	6	5
M9N 1350E	0.4	7	5
M9N 1400E	0.5	6	5
M9N 1450E	0.8	8	5
-----			
M9N 1500E	0.6	7	5
M9N 1550E	0.5	7	5
M9N 1600E	0.4	4	10
M9N 1650E	0.4	10	5
M9N 1700E	0.5	5	5

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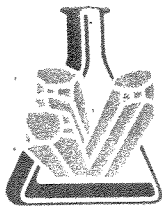
Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 8-835/P6  
Date: JULY 7/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG FPM	AS PPM	AU-WET PPB
M9N 1750E	0.5	4	5
M9N 1800E	0.6	6	10
M9N 1850E	0.4	11	5
M9N 1900E	0.5	10	5
M9N 1950E	0.7	11	5
-----			
M12N 2100E	0.3	6	5
M12N 2150E	0.5	14	5
M12N 2200E	0.6	19	5
M12N 2300E	0.6	14	10
M12N 2350E	0.4	13	5
-----			
M12N 2400E	0.5	18	5
M12N 2450E	0.6	12	15
M12N 2500E	0.4	9	5
M12N 2550E	0.5	8	5
M12N 2600E	0.3	8	5
-----			
M12N 2650E	0.4	9	10
M12N 2700E	0.3	12	5
M12N 2750E	0.5	14	5
M12N 2800E	0.3	7	5
M12N 2850E	0.4	17	5
-----			
M12N 2900E	0.5	8	5
M12N 2950E	0.4	12	5
M18N 0800E	0.6	8	5
M18N 0850E	0.5	11	5
M18N 0900E	0.6	9	5
-----			
M18N 0950E	0.3	8	10
M18N 1000E	0.4	7	5
M18N 1050E	0.3	11	5
M18N 1100E	0.5	11	5
M18N 1150E	0.6	7	5

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-835/P7  
Date: JULY 7/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PFB
M18N 1200E	0.5	16	5
M18N 1250E	0.4	8	5
M18N 1300E	0.8	5	5
M18N 1350E	0.5	11	10
M18N 1400E	0.3	10	5
-----			
M18N 1450E	0.3	6	5
M18N 1500E	0.5	12	5
M18N 1550E	0.4	11	5
M18N 1600E	0.6	128	5
M18N 1650E	0.6	22	5
-----			
M18N 1700E	0.7	75	10
M18N 1750E	0.6	12	5
M18N 1800E	0.4	36	5
M18N 1850E	0.6	8	5
M18N 1900E	0.4	34	5
-----			
M18N 1950E	0.7	27	5
M18N 2050E	0.4	11	5
M18N 2100E	0.3	14	10
M18N 2150E	0.5	9	5
M18N 2200E	0.4	9	5
-----			
M18N 2250E	0.4	27	75
M18N 2300E	0.3	6	5
M18N 2350E	0.3	19	5
M18N 2400E	0.5	22	5
M18N 2450E	0.4	17	5
-----			
M18N 2500E	0.8	33	90
M18N 2550E	0.5	27	5
M18N 2600E	0.4	16	5
M18N 2650E	0.9	48	5
M18N 2700E	0.5	19	5

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Company: WELCOME NORTH MINES  
Project: RR & M  
Attention: J. BROCK

File: 8-B35/P8  
Date: JULY 7/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M18N 2750E	0.5	14	5
M18N 2800E	0.3	16	80
M18N 2850E	0.4	8	35
M18N 2900E	0.4	14	40
M18N 2950E	0.6	7	10
M18N 3000E	0.6	5	5
M15N 0800E	0.5	10	5
M15N 0850E	0.8	12	5
M15N 0900E	0.6	3	10
M15N 0950E	0.5	2	5
M15N 1000E	0.3	4	5
M15N 1050E	0.4	6	5
M15N 1100E	0.6	8	5
M15N 1150E	0.3	9	5
M15N 1200E	0.4	6	10
M15N 1250E	0.5	5	15
M15N 1300E	0.4	3	5
M15N 1350E	0.3	4	15
M15N 1400E	0.4	4	5
M15N 1450E	0.6	3	5
M15N 1500E	0.6	12	5
M15N 1550E	0.4	3	5
M15N 1600E	0.5	4	5
M15N 1650E	0.3	2	10
M15N 1700E	0.5	3	5
M15N 1750E	0.4	7	5
M15N 1800E	0.5	9	5
M15N 1850E	0.4	6	5
M15N 1900E	0.6	10	5
M15N 1950E	0.6	19	5

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 9-835/P9  
Date: JULY 7/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M54E 2000N	0.5	5	5
M54E 2050N	0.4	5	5
M54E 2100N	0.6	9	5
M54E 2150N	0.8	5	10
M54E 2200N	0.3	6	5
M54E 2250N	0.7	4	5
M54E 2300N	0.6	4	10
M54E 2350N	0.6	3	5
M54E 2400N	0.5	10	5
M54E 2450N	0.4	8	5
M54E 2500N	0.5	7	10
M54E 2550N	0.4	6	5
M54E 2600N	0.7	14	5
M54E 2650N	0.6	4	5
M54E 2700N	0.3	6	10
M54E 2750N	0.4	4	5
M54E 2800N	0.3	5	5
M54E 2850N	0.5	11	5
M54E 2900N	0.6	11	5
M54E 2950N	0.4	12	5
M54E 3000N	0.4	8	5
M54E 3050N	0.5	8	10
M54E 3100N	0.6	9	5
M54E 3150N	0.8	8	5
M54E 3200N	0.3	32	5
M54E 3250N	0.6	13	5
M54E 3300N	0.4	18	10
M54E 3350N	0.3	13	5
M54E 3400N	0.3	8	5
M54E 3450N	0.5	13	5

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Company: WELCDME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 8-835/P10  
Date: JULY 7/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PFB
M54E 3500N	0.6	2	5
M54E 3550N	0.7	4	5
M54E 3600N	0.4	3	10
M54E 3650N	0.5	5	5
M54E 3700N	0.4	8	5
-----			
M54E 3750N	0.6	3	15
M54E 3800N	0.5	3	5
M54E 3850N	0.6	6	5
M54E 3900N	0.6	8	10
M54E 3950N	0.7	2	5
-----			
M54E 4050N	0.9	5	5
M54E 4100N	0.5	4	5
M54E 4150N	0.4	4	10
M54E 4200N	0.4	6	5
M54E 4250N	0.3	5	5
-----			
M54E 4300N	0.6	3	25
M54E 4350N	0.4	6	5
M54E 4400N	0.6	9	10
M54E 4450N	0.3	13	5
M54E 4500N	0.5	8	5
-----			
M54E 4550N	0.4	10	5
M54E 4600N	0.3	7	15
M54E 4650N	0.6	8	10
M54E 4700N	0.5	11	5
M54E 4750N	0.7	9	10
-----			
M54E 4800N	0.6	7	5
M54E 4850N	0.4	4	5
M54E 4900N	0.3	8	5
M54E 4950N	0.4	8	5
M54E 5000N	0.8	15	5

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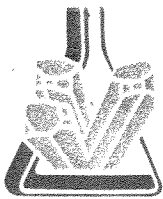
File: B-835/P11  
Date: JULY 7/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M54E 5050N	0.6	10	5
M54E 5100N	0.3	5	5
M54E 5150N	0.4	14	5
M54E 5200N	0.3	19	10
M6N 0800E	0.5	10	5
M6N 0850E	0.4	9	5
M6N 0900E	0.3	8	5
M6N 0950E	0.5	6	5
M6N 1000E	0.4	6	45
M6N 1050E	0.4	5	60
M6N 1100E	0.4	8	5
M6N 1150E	0.6	6	5
M6N 1200E	0.5	8	5
M6N 1250E	0.4	7	10
M6N 1300E	0.3	7	5
M6N 1350E	0.3	5	5
M6N 1400E	0.4	6	5
M6N 1450E	0.4	4	5
M6N 1500E	0.5	4	10
M6N 1550E	0.4	6	5
M6N 1600E	0.6	5	5
M6N 1650E	0.7	9	60
M6N 1700E	0.4	5	10
M6N 1750E	0.5	11	5
M6N 1800E	0.6	7	5
M6N 1850E	0.7	9	5
M6N 1900E	0.6	12	5
M6N 1950E	0.4	4	10
M6N 2050E	0.5	9	5
M6N 2100E	0.6	4	5

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Attention: J. BROCK/R. POTTER

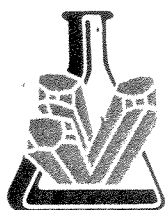
File: B-835/P12  
Date: JULY 7/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M6N 2150E	.8	5	5
M6N 2200E	.4	3	5
M6N 2250E	.5	5	5
M6N 2300E	.7	5	5
M6N 2350E	.7	7	10
-----			
M6N 2400E	.5	6	5
M6N 2450E	.9	8	5
M6N 2500E	.6	3	10
M6N 2550E	.7	8	5
M6N 2600E	.6	5	5
-----			
M6N 2650E	.6	6	5
M6N 2700E	.5	6	5
M6N 2750E	.6	7	15
M6N 2800E	.8	4	5
M6N 2850E	.6	9	5
-----			
M6N 2900E	.7	5	5
M6N 2950E	.5	5	5
M6N 3000E	.4	9	10
M6N 3050E	.8	6	5
M6N 3100E	.5	3	5
-----			
M6N 3150E	.6	3	5
M6N 3200E	.5	9	10
M15N 2050E	.7	8	5
M15N 2100E	.8	10	5
M15N 2150E	.4	12	5
-----			
M15N 2200E	.6	4	5
M15N 2250E	.4	7	10
M15N 2300E	.4	11	5
M15N 2350E	.7	25	5
M15N 2400E	.5	5	5

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Attention: J. BROCK

File: 8-835/P13  
Date: JULY 8/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	ALU-WET PPB
M15N 2450E	0.5	8	5
M15N 2500E	0.4	5	5
M15N 2550E	0.4	9	5
M15N 2600E	0.6	4	5
M15N 2650E	0.9	12	5
-----			
M15N 2700E	0.6	50	5
M15N 2750E	0.3	10	10
M15N 2800E	0.4	4	5
M15N 2850E	0.5	12	5
M15N 2900E	0.6	11	5
-----			
M15N 2950E	0.3	9	5
M20E 0000N	0.8	10	5
M20E 0050N	0.7	6	5
M20E 0100N	0.6	8	5
M20E 0150N	0.6	9	10
-----			
M20E 0200N	0.7	9	5
M20E 0250N	0.6	8	5
M20E 0300N	0.4	16	5
M20E 0350N	0.6	10	5
M20E 0400N	0.5	8	5
-----			
M20E 0450N	0.4	9	10
M20E 0500N	0.7	15	5
M20E 0550N	0.3	11	5
M20E 0600N	0.6	13	5
M20E 0650N	0.4	13	5
-----			
M20E 0700N	0.5	12	5
M20E 0750N	0.6	8	5
M20E 0800N	0.8	10	5
M20E 0850N	0.4	9	5
M20E 0900N	0.5	7	10

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

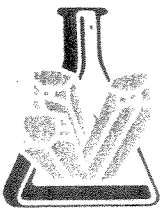
File: 8-835/P14  
Date: JULY 7/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M20E 0950N	.6	3	5
M20E 1000N	.5	2	5
M20E 1050N	.5	4	5
M20E 1100N	.4	4	10
M20E 1150N	.3	1	5
-----			
M20E 1200N	.7	4	5
M20E 1250N	.3	1	5
M20E 1300N	.4	5	5
M20E 1350N	.6	6	5
M20E 1400N	.6	6	10
-----			
M20E 1450N	.8	2	5
M20E 1500N	.3	6	5
M20E 1550N	.5	2	5
M20E 1600N	.6	4	10
M20E 1650N	.5	6	5
-----			
M20E 1700N	.5	5	5
M20E 1750N	.4	4	5
M20E 1800N	.3	4	20
M20E 1850N	.8	11	5
M20E 1900N	.4	5	5
-----			
M20E 1950N	.4	5	5
M20E 0050S	.5	5	10
M20E 0100S	.3	6	5
M12N 0800E	.5	2	40
M12N 0850E	.6	3	25
-----			
M12N 0900E	.4	4	10
M12N 1050E	.6	5	5
M12N 1100E	.5	4	5
M12N 1200E	.4	3	10
M12N 1250E	.3	5	5

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Certificate of Geochem

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

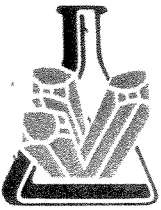
File: 8-835/P15  
Date: JULY 8/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M12N 1300E	0.3	17	10
M12N 1350E	0.4	22	5
M12N 1400E	0.3	21	5
M12N 1450E	0.3	21	5
M12N 1500E	0.5	20	5
-----			
M12N 1550E	0.4	21	10
M12N 1600E	0.5	17	5
M12N 1650E	0.4	15	5
M12N 1700E	0.6	12	5
M12N 1750E	0.7	13	5
-----			
M12N 1800E	0.5	10	5
M12N 1850E	0.4	3	5
M12N 1900E	0.3	15	5
M12N 1950E	0.4	1	5
M51E 2050	0.4	1	5
-----			
M51E 2100	0.5	23	10
M51E 2150	0.4	8	10
M51E 2200	0.6	30	5
M51E 2250	0.4	5	5
M51E 2300	0.3	16	5
-----			
M51E 2350	0.5	9	5
M51E 2400	0.4	7	5
M51E 2450	0.4	3	10
M51E 2500	0.7	1	5
M51E 2550	0.5	3	5
-----			
M51E 2600	0.6	1	5
M51E 2650	0.5	1	5
M51E 2700	0.3	1	10
M51E 2750	0.4	1	5
M51E 2800	0.6	1	5

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P.O. BOX 867  
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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-835/P16  
Date: JULY 8/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M51E 2850	.5	5	5
M51E 2950	.4	3	10
M51E 3000	.5	3	5
M51E 3050	.6	4	5
M51E 3100	.3	3	5
-----			
M51E 3150	.6	7	10
M51E 3200	.4	6	5
M51E 3250	.3	7	250
M51E 3300	.4	9	5
M51E 3350	.5	9	5
-----			
M51E 3400	.5	6	10
M51E 3450	.4	10	5
M51E 3500	.5	10	10
M51E 3550	.3	8	20
M51E 3600	.3	5	10
-----			
M51E 3650	.4	10	5
M51E 3700	.3	10	5
M51E 3750	.3	7	5
M51E 3800	.4	9	10
M51E 3850	.4	9	5
-----			
M51E 3900	.4	7	15
M51E 3950	.5	10	5
M51E 4050	.7	62	5
M51E 4100	.3	21	5
M51E 4150	.3	20	5
-----			
M51E 4200	.9	42	5
M51E 4250	.4	28	10
M51E 4300	.5	27	10
M51E 4350	.5	9	5
M51E 4400	.3	24	5

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P.O. BOX 867  
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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-835/P17  
Date: JULY 8/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M51E 4450	.5	5	5
M51E 4500	.3	4	20
M51E 4550	.4	24	10
M51E 4600	.6	13	5
M51E 4650	.4	27	5
-----			
M51E 4700	.4	30	10
M51E 4750	.5	78	5
M51E 4800	.3	11	5
M51E 4850	.4	14	15
M51E 4900	.3	6	5
-----			
M51E 4950	.5	18	5
M51E 5000	.4	11	10
M51E 5050	.4	23	5
M51E 5100	.7	16	10
M51E 5150	.5	10	5
-----			
M51E 5200	.4	18	5
M51E 5250	.3	13	5
M51E 5300	.4	7	5
M51E 5350	.6	19	10
M51E 5400	.3	13	5
-----			
M51E 5450	.6	12	30
M51E 5500	.5	18	10
M42E 4050	.5	55	5
M42E 4100	.4	27	5
M42E 4150	.3	13	5
-----			
M42E 4200	2.2	24	10
M42E 4250	.8	16	10
M42E 4300	.5	27	5
M42E 4350	.4	14	5
M42E 4400	.5	10	5

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-835/P18  
Date: JULY 8/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M42E 4450	0.3	9	5
M42E 4500	0.5	36	5
M42E 4550	0.7	28	5
M42E 4600	0.6	17	10
M42E 4650	0.5	5	5
-----			
M42E 4700	0.7	6	10
M42E 4750	0.9	72	5
M42E 4800	0.5	8	5
M42E 4850	0.3	6	5
M42E 4900	0.6	7	5
-----			
M42E 4950	0.6	4	10
M42E 5000	0.9	3	5
M42E 5050	0.6	4	5
M42E 5100	0.8	3	5
M42E 5150	0.7	14	10
-----			
M42E 5200	0.4	23	10
M42E 5250	0.3	6	5
M42E 5300	0.6	4	5
M42E 5350	0.4	6	10
M42E 5400	0.5	11	5
-----			
M42E 5450	0.4	10	5
M51E 4050	0.3	11	5
M51E 4100	0.5	105	10
M51E 4150	0.4	16	10
M51E 4200	0.5	9	5
-----			
M51E 4250	0.4	6	5
M51E 4300	0.3	6	15
M51E 4350	0.5	9	10
M51E 4400	0.3	7	5
M51E 4450	0.4	8	10

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-835/P19  
Date: JULY 82/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M51E 4500	.4	10	5
M51E 4550	.3	8	5
M51E 4600	.3	30	10
M51E 4650	.5	8	5
M51E 4700	.6	10	5
M51E 4750	.4	15	5
M51E 4800	.7	34	5
M51E 4850	.3	19	10
M51E 4900	.5	11	5
M51E 4950	.6	25	10
M51E 5000	.7	10	120
M51E 5050	.3	10	5
M51E 5100	.6	13	10
M51E 5150	.5	16	5
M51E 5200	.3	15	5
M51E 5250	.4	10	10
M51E 5300	.4	14	20
M51E 5350	.5	12	5
M51E 5400	.4	15	10
M51E 5450	.3	6	10
M51E 5500	.6	33	5
M39E 5300	.9	23	10
M39E 5350	.5	25	5
M39E 5400	.4	28	5
M39E 5450	.7	7	5

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***Certificate of GEOCHEM***

Company: WELCOME NORTH MINES.  
Project: RR 6 M  
Attention: J. BROCK

File: 8-835/P1  
Date: JULY 6/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-FIRE PPB	PT-FIRE PPB
3195	.8	86	21	
3196	.9	57	2	
3197	.6	5	3	
3198	1.1	3	3	
3199	1.2	4	2	
3178	1.0	5	5	
3193	1.1	275	3	
3201	.9	72	2	
3202	.7	11	1	
3149	.5	20	9	7
3150	.5	5	106	1
3087	.8	2	27	2
3251	1.0	1	23	14
3252	1.1	17	1	1
3253	1.0	4	6	1
3143	.5	69	16	6
3144	.7	33	256	6
3145	.4	29	4	1
3146	.3	28	1	15
3258	.3	3	2	
3259	2.0	8	4	
3260	.9	5	1	
3261	.5	5	10	
3262	.6	14	6	
3091	.6	15	2	
3092	1.2	2	1	
3093	1.1	2	3	
3094	1.3	3	2	
3095	1.1	2	5	
3096	.5	2	2	

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 8-835/P2  
Date: JULY 4/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-FIRE PPB
3097	.3	3	2
3098	1.2	3	3
3099	.9	5	1
3135	.7	9	2
3136	.8	5	2
3137	1.0	199	8
3140	.8	87	17
3141	.6	52	3
3142	.5	15	2

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*Certificate of GEOCHEM*

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

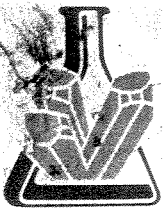
File: 8-835/P1  
Date: JULY 7/88  
Type: PAN CONCENTRATE

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-FIRE PPB
3174	1.1	14	5
3175	1.4	9	3
3176	1.1	21	1
3177	1.0	27	18
3178	NO SAMPLE		
3179	.9	21	3
3180	.8	14	4
3181	1.0	11	16
3182	1.2	7	6
3183	1.1	6	5
3184	1.2	5	19
3185	1.4	8	2
3186	2.1	8	1
3187	1.3	12	7
3188	.8	17	58
3189	.7	15	4
3190	.7	13	4
3191	1.0	14	3
3192	.7	13	4
3203	1.2	16	3
3204	1.5	11	4
3205	1.3	4	6
3206	1.2	2	2
3207	1.3	4	3
3208	.9	26	4
3209	.9	34	13
3210	1.0	35	37
3211	1.0	10	263
3212	1.1	22	22
3213	1.2	15	3

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***Certificate of GEOCHEM***

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 8-1008/PJ  
Date: JULY 30/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M41E 4025N	0.8	60	10
M41E 4050N	0.6	70	10
M41E 4075N	0.6	89	10
M41E 4100N	0.3	28	5
M41E 4125N	0.6	39	5
M41E 4150N	1.0	29	10
M41E 4175N	0.4	39	5
M41E 4200N	0.5	28	5
M41E 4225N	0.4	41	5
M41E 4250N	0.8	27	10
M41E 4275N	0.6	28	10
M41E 4300N	0.4	27	35
M41E 4325N	0.4	33	30
M41E 4350N	0.5	14	5
M41E 4375N	0.3	21	5
M41E 4400N	0.7	24	10
M41E 4425N	0.4	33	5
M41E 4450N	0.5	77	5
M41E 4475N	0.7	27	10
M41E 4500N	0.6	34	5
M41E 4525N	0.9	38	10
M41E 4550N	1.0	11	5
M41E 4575N	0.7	21	5
M41E 4600N	0.5	12	5
M41E 4625N	0.7	17	10
M41E 4650N	0.6	15	10
M41E 4675N	0.7	14	5
M41E 4700N	0.5	11	15
M41E 4725N	0.4	22	5
M41E 4750N	0.7	325	5

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33 EAST IROQUOIS ROAD  
P.O. BOX 867  
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TELEPHONE: (705) 264-9996

*Certificate of Geochem*

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: B-1008/P2  
Date: JULY 30/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AL-WET PPM
M41E 4775N	0.7	43	10
M41E 4800N	0.8	17	15
M41E 4825N	1.0	13	5
M41E 4850N	1.1	15	5
M41E 4875N	0.7	13	10
M41E 4900N	0.6	16	5
M41E 4925N	0.7	15	5
M41E 4950N	0.7	5	5
M41E 4975N	0.6	8	10
M41E 5000N	1.4	7	10
M41E 5025N	1.2	6	20
M41E 5050N	0.6	8	5
M41E 5075N	0.7	9	5
M41E 5100N	0.9	5	5
M41E 5125N	1.1	3	5
M41E 5150N	0.7	9	5
M41E 5175N	1.0	8	10
M41E 5200N	1.4	13	15
M3BE 3700N	1.6	7	5
M3BE 3725N	1.3	3	5
M3BE 3750N	0.8	22	10
M3BE 3775N	1.9	10	10
M3BE 3800N	1.4	11	5
M3BE 3825N	0.9	15	5
M3BE 3850N	1.2	8	5
M3BE 3875N	1.0	8	5
M3BE 3900N	1.3	25	10
M3BE 3925N	1.1	250	5
M3BE 3950N	1.2	225	5
M3BE 3975N	0.9	200	5

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TELEPHONE: (705) 264-9996

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 8-1008/P3  
Date: JULY 30/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M43E 4025N	0.8	32	10
M43E 4050N	1.4	55	5
M43E 4075N	0.7	36	5
M43E 4100N	0.7	53	10
M43E 4125N	0.9	40	5
M43E 4150N	1.0	47	5
M43E 4175N	0.8	51	10
M43E 4200N	0.6	35	10
M43E 4225N	0.7	33	20
M43E 4250N	0.6	42	5
M43E 4275N	0.9	37	10
M43E 4300N	1.1	47	5
M43E 4325N	0.9	56	5
M43E 4350N	0.7	53	5
M43E 4375N	0.8	34	5
M43E 4400N	0.8	50	5
M43E 4425N	1.2	60	5
M43E 4450N	1.1	75	10
M43E 4475N	1.1	51	5
M43E 4500N	1.3	60	5
M43E 4525N	1.4	57	5
M43E 4550N	1.3	56	5
M43E 4575N	2.3	73	5
M43E 4600N	1.1	92	5
M43E 4625N	1.2	80	5
M43E 4650N	1.4	57	10
M43E 4675N	1.1	23	5
M43E 4700N	2.0	47	5
M43E 4725N	1.9	4	5
M43E 4750N	1.4	12	5

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P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

*Certificate of Geochem*

Company: WELCOME NORTH MINES  
Project: RR & M  
Attention: J. BROCK

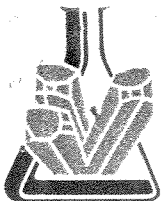
File: 8-1008/P4  
Date: JULY 30/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M43E 4775N	1.8	3	5
M43E 4800N	1.4	2	5
M43E 4825N	1.2	4	5
M43E 4850N	1.3	1	5
M43E 4875N	1.2	2	5
M43E 4900N	1.1	2	5
M43E 4925N	1.3	1	5
M43E 4950N	0.9	1	10
M43E 4975N	1.1	2	5
M43E 5000N	1.2	3	10
M44E 4025N	0.7	39	5
M44E 4050N	0.4	26	10
M44E 4075N	0.6	47	5
M44E 4100N	0.8	48	15
M44E 4125N	0.4	32	5
M44E 4150N	0.3	41	5
M44E 4175N	0.6	22	10
M44E 4200N	0.4	28	10
M44E 4225N	0.8	5	5
M44E 4250N	0.6	27	5
M44E 4275N	0.7	29	5
M44E 4300N	1.2	13	5
M44E 4325N	0.6	21	10
M44E 4350N	0.9	22	5
M44E 4375N	0.4	45	10
M44E 4400N	0.3	28	5
M44E 4425N	0.5	27	5
M44E 4450N	0.6	44	5
M44E 4475N	0.6	25	10
M44E 4500N	0.4	26	5

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P.O. BOX 867  
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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 8-1008/P5  
Date: AUG 1/8888  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
M44E 4525N	.6	24	5
M44E 4550N	.5	22	5
M44E 4575N	.5	26	5
M44E 4600N	.7	44	10
M44E 4625N	1.0	46	5
M44E 4650N	.6	43	5
M44E 4675N	.6	29	5
M44E 4700N	1.2	27	5
M44E 4725N	1.7	41	10
M44E 4750N	1.5	8	5
M44E 4775N	1.8	99	5
M44E 4800N	1.1	36	5
M44E 4825N	1.9	25	20
M44E 4850N	1.0	53	15
M44E 4875N	1.4	29	10
M44E 4925N	.9	51	30
M44E 4950N	1.6	53	100
M44E 4975N	1.1	153	20
M44E 5000N	1.2	45	15

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TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: WELCOME NORTH MINES  
Project: RR & M  
Attention: J. BROCK/R. POTTER

File: B-1008/P1  
Date: JULY 25/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM	AG PPM
M3326	6	123	2.3
M3327	3	92	1.4
M3328	18	40	0.6
M3329	2	27	0.7
M3330	5	20	0.8
M3331	2	47	0.8
M3332	11	33	0.7
M3333	4	30	0.5
M3277	3	9	0.6
M3278	93	33	1.1
M3245	22	19	0.7
M3246	1	55	0.9
M3247	3	85	0.6
M3248	2	19	0.8
M3249	1	11	0.6
M3250	4	26	0.5

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P.O. BOX 867  
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**Certificate of GEOCHEM**

Company: WELCOME NORTH MINES  
Project: RR 6MA6  
Attention: J. BROCK/R. POTTER

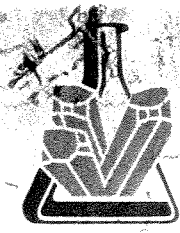
File: 8-1041/P2  
Date: JULY 26/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-FIRE PPB
3279	.7	27	3
3280	.6	53	37
3281	.8	29	26
3282		97	20
3283		78	39
-----			
3284		152	47
3285		475	80
3286		30	42
3334	.8	107	25
3335	.6	24	36
-----			
3336	.7	25	17
3337	.9	11	23
3338		29	44
3339		17	61
3340		500	124
-----			
3341		26	38
3342		14	36

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33 EAST IROQUOIS ROAD  
P.O. BOX 867  
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*Certificate of GEOCHEM*

Company: WELCOME-NORTH MINES  
Project: RR-6 RECON *MAG*  
Attention: J.S. BROCK/R. POTTER

File: 8-1041/P1  
Date: AUG 1/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AS PPM
M50E3500N	5	11
M50E3525N	5	11
M50E3550N	5	10
M50E3575N	5	8
M50E3600N	5	10
M50E3625N	10	9
M50E3650N	5	9
M50E3675N	5	10
M50E3700N	5	8
M50E3725N	5	10
M50E3750N	5	11
M50E3775N	10	8
M50E3800N	5	10
M50E38+25N	5	14
M50E38+50N	5	11
M50E38+75N	5	15
M50E39+00N	5	22
M50E39+25N	5	25
M50E39+50N	5	23
M50E39+75N	10	17
M42+50E40+00N	5	21
M43E35+25N	5	12
M43E35+50N	5	13
M43E35+75N	NO SAMPLE	
M43E36+00N	5	14
M43E36+25N	5	14
M43E36+50N	10	14
M43E36+75N	5	66
M43E37+00N	5	43
M43E37+25N	5	38

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P.O. BOX 867  
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*Certificate of Geochem*

Company: WELCOME NORTH MINES  
Project: RR-6 RECON *MAG*  
Attention: J.S. BROCK/R. POTTER

File: 8-1041/P2  
Date: AUG 1/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AS PPM
M43E37+50N	5	29
M43E37+75N	5	44
M43E38+00N	10	43
M43E38+25N	5	50
M43E38+50N	5	44
-----		
M43E38+75N	5	113
M43E39+00N	20	60
M43E39+25N	NO SAMPLE	
M43E39+50N	10	102
M43E39+75N	5	48
-----		
M44E35+50N	5	12
M44E35+75N	5	16
M44E36+00N	5	14
M44E36+25N	10	45
M44E36+50N	5	48
-----		
M44E36+75N	5	60
M44E37+00N	10	53
M44E37+25N	10	55
M44E37+50N	5	69
M44E37+75N	5	102
-----		
M44E38+00N	5	62
M44E38+25N	20	105
M44E38+50N	5	55
M44E38+75N	5	102
M44E39+00N	5	52
-----		
M44E39+25N	5	50
M44E39+50N	5	32
M44E39+75N	5	96
M29E51+00N	5	105
M29E51+25N	10	275

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Company: WELCOME NORTH MINES  
Project: RR-6 RECON *MAG.*  
Attention: J.S. BROCK/R. POTTER

File: 8-1041/P3  
Date: AUG 4/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PFB	AS PPM
M29E51+50N	5	300
M29E51+75N	5	110
M29E52+00N	5	300
M29E52+25N	10	86
M29E52+50N	5	95
M29E43+50N	5	450
M29E43+75N	5	124
M29E44+00N	5	121
M29E44+25N	5	68
M29E44+50N	5	52
M29E44+75N	5	121
M29E45+00N	5	525
M29E45+25N	5	90
M29E45+50N	10	37
M29E45+75N	5	50
M29E46+00N	5	38
M29E46+25N	5	39
M29E46+50N	5	26
M29E46+75N	5	25
M29E47+00N	10	13
M29E47+25N	5	14
M29E47+50N	5	14
M29E47+75N	5	24
M29E48+00N	5	17
M29E48+25N	5	32
M29E48+50N	5	15
M29E48+75N	10	34
M29E49+00N	5	22
M29E49+25N	5	30
M29E49+50N	5	57

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Company: WELCOME NORTH MINES  
Project: RR-6 RECON *MAG.*  
Attention: J.S. BROCK/R. POTTER

File: B-1041/P4  
Date: AUG 4/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	ALU-WET PPB	AS PPM
M29E49+75N	5	56
M29E50+00N	5	75
M29E50+25N	25	93
M29E50+50N	210	114
M29E50+75N	135	325
M28E45+00N	25	150
M28E45+25N	5	67
M28E45+50N	10	115
M28E45+75N	5	114
M28E46+00N	5	91
M28E46+25N	5	36
M28E46+50N	5	112
M28E46+75N	5	58
M27E44+75N	5	99
M27E45+00N	5	85
M27E45+25N	5	68
M27E45+50N	5	54
M27E45+75N	5	200
M27E46+00N	10	76
M27E46+25N	5	65
M27E46+50N	5	115
M27E46+75N	5	132
M27E47+00N	5	250
M27E47+25N	5	300
M27E47+50N	10	126
M27E47+75N	30	84
M27E48+00N	5	200
M27E48+25N	5	31
M27E48+50N	10	180
M27E48+75N	35	128

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Company: WELCOME NORTH MINES  
Project: RR-6 RECON *MAG*  
Attention: J. S. BROCK/R. POTTER

File: 8-1041/P5  
Date: AUG. 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM
M27E49+00N	30	200
M27E49+25N	150	95
M27E49+50N	5	99
M27E49+75N	10	52
M27E50+00N	20	125
M27E50+25N	5	325
M27E50+50N	10	200
M27E50+75N	5	76
M27E51+00N	5	138
M27E51+25N	10	65
M27E51+50N	5	102
M27E51+75N	5	200
M27E52+00N	5	200
M27E52+25N	5	45
M27E52+50N	5	18
M27E52+75N	5	10
M27E53+00N	5	73
M27E53+25N	5	25
M27E53+50N	5	17
M27E53+75N	5	11
M27E54+01N	10	9
M27E54+25N	N/S	
M27E54+50N	5	39
M27E54+75N	5	33
M27E55+00N	10	20
M29E41+50N	5	55
M29E41+75N	5	54
M29E42+00N	250	81
M29E42+25N	5	150
M29E42+50N	5	225

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Company: WELCOME NORTH MINES  
Project: RR-6 RECON *MAG.*  
Attention: J. S. BROCK/R. POTTER

File: 8-1041/P6  
Date: AUG. 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM	AG PPM
M29E42+75N	5	84	
M29E43+00N	30	500	
M29E43+25N	35	375	
M29E52+75N	5	93	
M29E53+00N	5	97	
-----			
M29E53+25N	10	102	
M29E53+50N	5	84	
M29E53+75N	5	80	
M29E54+00N	5	53	
M29E54+25N	5	80	
-----			
M29E54+50N	5	38	
M29E54+75N	N/S		
M29E55+00N	5	22	
M39E40+25N	10	101	0.6
M39E40+50N	5	49	0.7
-----			
M39E40+75N	5	51	0.5
M39E41+00N	5	28	0.4
M39E41+25N	5	26	0.6
M39E41+50N	15	27	0.5
M39E41+75N	5	43	0.5
-----			
M39E42+00N	5	24	0.4
M39E42+25N	5	23	0.4
M39E42+50N	5	12	0.3
M39E42+75N	10	10	0.6
M39E43+00N	5	9	0.3
-----			
M39E43+25N	5	12	0.5
M39E43+50N	5	7	0.3
M39E43+75N	5	8	0.4
M39E44+00N	5	13	0.4
M39E44+25N	10	7	0.6

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*Certificate of Geochem*

Company: WELCOME NORTH MINES  
Project: RR-6 RECON *MAG.*  
Attention: J.S. BROCK/R. POTTER

File: B-1041/P7  
Date: AUG 4/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AS PPM	AG PPM
M39E44+50N	15	10	.9
M39E44+75N	5	7	.8
M39E45+00N	5	9	.6
M39E39+75N	5	58	.5
M39E39+50N	10	25	.7
M39E39+25N	5	16	.8
M39E39+00N	180	8	1.0
M39E38+75N	5	10	.8
M39E38+50N	5	8	.9
M39E38+25N	15	7	.6
M39E38+00N	5	9	.7
M39E37+75N	10	14	.6
M39E37+50N	5	5	.8
M39E37+25N	5	5	.4
M39E37+00N	5	5	.3
M40E38+00N	5	26	.6
M40E38+25N	5	17	.6
M40E38+50N	5	20	.4
M40E38+75N	5	27	.3
M40E39+00N	10	62	.6
M40E39+25N	5	58	.5
M40E39+50N	5	100	.4
M40E40+50N	5	61	.8
M40E40+75N	5	54	.4
M40E41+00N	5	29	.4
M40E41+25N	5	20	.3
M40E41+50N	10	37	.5
M40E41+75N	5	22	.4
M40E42+00N	5	25	.4
M40E42+25N	5	16	.3

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P.O. BOX 867  
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TELEPHONE: (705) 264-9996

*Certificate of Geochem*

Company: WELCOME NORTH MINES  
Project: RR-6 RECON  
Attention: J.S. BROCK/R. POTTER

File: B-1041/P8  
Date: AUGUST 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PFB	AS PPM	AG PPM
M40E42+50N	10	26	0.3
M40E42+75N	10	16	0.4
M40E43+00N	5	17	0.2
M40E43+25N	5	12	0.4
M40E43+50N	5	8	0.3
M40E43+75N	5	10	0.5
M40E44+00N	5	13	0.4
M40E44+25N	5	8	0.3
M40E44+50N	5	45	0.6
M40E44+75N	10	27	0.5
M40E45+00N	5	23	0.3
M33E40+25N	5	30	
M33E40+50N	5	60	
M33E40+75N	20	69	
M33E41+00N	10	18	
M33E41+25N	5	8	
M33E41+50N	5	11	
M33E41+75N	5	9	
M33E42+00N	5	5	
M33E42+25N	5	5	
M33E42+50N	5	5	
M33E42+75N	10	6	
M33E43+00N	5	5	
M33E43+25N	5	8	
M33E43+50N	5	13	
M33E43+75N	15	11	
M33E44+00N	5	16	
M32E42+00N	5	3	
M32E42+25N	10	7	
M32E42+50N	5	5	

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

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Company: WELCOME NORTH MINES  
Project: RR-6 RECON  
Attention: J. S. BROCK/R. POTTER

File: 8-1041/P9  
Date: AUGUST 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM
M32E42+75N	10	8
M32E43+00N	5	11
M32E43+25N	5	15
M32E43+50N	5	12
M32E43+75N	5	8
M32E44+00N	5	8
M32E37+00N	5	44
M32E37+25N	20	84
M32E37+50N	NO SAMPLE	
M32E37+75N	NO SAMPLE	
M32E38+00N	NO SAMPLE	
M32E38+25N	10	70
M32E38+50N	10	72
M32E38+75N	5	106
M32E39+00N	5	91
M32E39+25N	100	80
M32E39+50N	5	63
M32E39+75N	5	33
M31E42+25N	5	19
M31E42+50N	10	18
M31E42+75N	5	11
M31E43+00N	5	15
M31E43+25N	5	9
M31E43+50N	5	10
M31E43+75N	5	10
M31E44+00N	5	7
M32E40+25N	10	4
M32E40+50N	5	11
M32E40+75N	10	12
M32E41+00N	5	10

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33 EAST IROQUOIS ROAD  
P.O. BOX 867  
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Company: WELCOME NORTH MINES  
Project: RR-6 RECON  
Attention: J.S. BROCK/R. POTTER

File: 8-1041/P10  
Date: AUG. 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM
M32E41+25N	5	10
M32E41+50N	5	8
M32E41+75N	5	2
M34E40+25N	5	70
M34E40+50N	5	85
M34E40+75N	5	95
M34E41+00N	10	902
M34E41+25N	10	53
M34E41+50N	5	10
M34E41+75N	5	9
M34E42+00N	5	5
M34E42+25N	5	6
M34E42+50N	5	10
M34E42+75N	5	11
M34E43+00N	5	4
M34E43+25N	15	8
M34E43+50N	5	5
M34E43+75N	5	10
M34E44+00N	5	9
M36E42+25N	5	60
M36E42+50N	5	16
M36E42+75N	5	13
M36E43+00N	5	2
M36E43+25N	10	4
M36E43+50N	5	4
M36E37+00N	5	31
M36E37+25N	5	44
M36E37+50N	5	600
M36E37+75N	20	112
M36E38+00N	30	425

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

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33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
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Company: WELCOME NORTH MINES  
Project: RR-6 RECON  
Attention: J. S. BROCK/R. POTTER

File: 8-1041/P11  
Date: AUG. 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM
M36E38+25N	5	275
M36E38+50N	10	55
M36E38+75N	5	22
M36E39+50N	5	67
M36E39+75N	10	225
M36E40+00N	N/S	
M36E40+25N	5	60
M36E40+50N	5	120
M36E40+75N	5	138
M36E41+00N	5	40
M36E41+25N	N/S	
M36E41+50N	10	60
M36E41+75N	N/S	
M36E42+00N	5	35
M33E37+00N	5	36
M33E37+25N	5	56
M33E37+50N	5	36
M33E37+75N	5	61
M33E38+00N	5	51
M33E38+25N	5	37
M33E38+50N	10	40
M33E38+75N	5	27
M33E39+00N	5	21
M33E39+25N	5	50
M33E39+50N	5	60
M33E39+75N	5	63
M35E37+50N	5	45
M35E37+75N	50	111
M35E38+00N	5	81
M35E38+25N	5	122

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
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Company: WELCOME NORTH MINES  
Project: RR-6 RECON  
Attention: J.S. BROCK/R. POTTER

File: 8-1041/P12  
Date: AUG 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-WET PPB	AS PPM
M35E38+50N	5	72
M35E38+75N	NO SAMPLE	
M35E39+00N	10	83
M35E39+25N	5	32
M35E39+50N	5	17
M35E39+75N	5	325
M35E40+00N	NO SAMPLE	
M35E40+25N	5	123
M35E40+50N	5	102
M35E40+75N	5	41
M35E41+00N	5	500
M35E41+25N	5	27
M35E41+50N	5	26
M35E41+75N	5	118
M35E42+00N	5	25
M35E42+25N	10	11
M35E42+50N	5	11
M35E42+75N	5	13
M35E43+00N	5	11
M35E43+25N	5	13
M35E43+50N	10	11
M35E43+75N	10	14
M35E44+00N	5	12
M31E39+25N	5	36
M31E39+50N	5	23
M31E39+75N	10	31
M31E40+00N	NO SAMPLE	
M31E40+25N	5	25
M31E40+50N	5	25
M31E40+75N	5	350

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33 EAST IROQUOIS ROAD  
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Company: WELCOME NORTH MINES  
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Attention: J. S. BROCK/R. POTTER

File: 8-1041/P13  
Date: AUG. 6/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM	AG PPM
M31E41+00N	10	107	
M31E41+25N	75	45	
M31E41+50N	5	41	
M31E41+75N	5	21	
M31E42+00N	5	13	
M34E37+00N	10	41	
M34E37+25N	5	41	
M34E37+50N	5	94	
M34E37+75N	5	131	
M34E38+00N	5	106	
M34E38+25N	5	114	
M34E38+50N	10	68	
M34E38+75N	5	35	
M34E39+00N	5	22	
M34E39+25N	5	26	
M34E39+50N	5	116	
M34E39+75N	10	110	
M50E40+25N	5	14	0.7
M50E40+50N	5	16	0.4
M50E40+75N	5	17	0.6
M50E41+00N	5	30	0.7
M50E41+25N	5	113	1.0
M50E41+50N	5	15	0.4
M50E41+75N	5	16	0.5
M50E42+00N	5	17	0.7
M50E42+25N	5	8	0.6
M50E42+50N	5	18	0.8
M50E42+75N	5	20	0.7
M50E43+00N	10	10	0.5
M50E43+25N	5	11	0.3

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33 EAST IROQUOIS ROAD  
P.O. BOX 867  
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TELEPHONE: (705) 264-9996

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Company: WELCOME NORTH MINES  
Project: RR-6 RECON  
Attention: J. S. BROCK/R. POTTER

File: B-1041/P14  
Date: AUGUST 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM	AG PPM
M50E43+50N	5	15	0.4
M50E43+75N	5	11	0.2
M50E44+00N	10	13	0.4
M50E44+25N	5	78	0.2
M50E44+50N	5	19	0.3
M50E44+75N	5	22	0.4
M50E45+00N	10	14	0.3
M50E45+25N	5	16	0.4
M50E45+50N	5	17	0.5
M50E45+75N	5	41	0.2
M50E46+00N	5	68	0.2
M47E40+25N	5	66	0.2
M47E40+50N	5	76	0.2
M47E40+75N	5	58	0.2
M47E41+00N	10	250	0.3
M47E41+25N	5	175	0.4
M47E41+50N	10	39	0.4
M47E41+75N	5	375	1.0
M47E42+00N	5	23	0.4
M47E42+25N	5	13	0.3
M47E42+50N	5	22	0.3
M47E42+75N	10	44	0.4
M47E43+00N	5	18	0.4
M47E43+25N	5	102	0.4
M47E43+50N	5	28	0.3
M47E43+75N	5	35	0.2
M47E44+00N	10	115	0.4
M47E44+25N	5	25	0.4
M47E44+50N	5	23	0.4
M47E44+75N	10	35	0.4

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

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Company: WELCOME NORTH MINES  
Project: RR-6 RECON  
Attention: J. S. BROCK/R. POTTER

File: 8-1041/P15  
Date: AUGUST 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PFB	AS PPM	AG PPM
M47E45+00N	5	20	0.6
M47E45+50N	5	16	0.5
M47E45+75N	5	10	0.4
M47E46+00N	10	11	0.3
M47E46+25N	5	80	0.2
M47E46+50N	5	22	0.4
M47E46+75N	5	19	0.2
M47E47+00N	5	21	0.2
M47E47+25N	5	47	0.2
M47E47+50N	5	131	0.4
M47E47+75N	10	30	0.2
M47E48+00N	5	24	0.5
M47E48+25N	5	22	0.4
M47E48+50N	5	101	1.2
M47E48+75N	56	38	0.4
M47E49+00N	5	27	0.5
M47E49+25N	5	24	0.4
M47E49+50N	5	71	0.5
M47E49+75N	5	26	0.4
M47E50+00N	10	15	0.6
M28E44+75N	5	132	
M28E44+50N	5	90	
M28E44+25N	5	68	
M28E44+00N	5	52	
M28E43+75N	5	56	
M28E43+50N	5	450	
M28E43+25N	5	115	
M28E43+00N	10	104	
M28E42+75N	5	22	
M28E47+00N	5	21	

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

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33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
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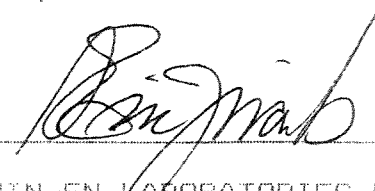
Company: WELCOME NORTH MINES  
Project: RR-6 RECON  
Attention: J. S. BROCK/R. POTTER

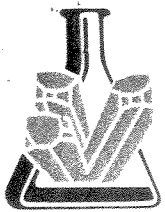
File: 8-1041/P16  
Date: AUG. 6/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM	AG PPM
M28E47+25N	5	27	0.5
M28E47+50N	5	37	0.6
M28E47+75N	10	67	0.9
M28E48+00N	5	79	0.8
M28E48+25N	5	73	0.5
M28E48+50N	5	37	0.4
M28E48+75N	5	70	0.5
M28E49+00N	5	59	0.9
M28E49+50N	275	125	0.7
M28E49+75N	60	128	0.8
M28E50+00N	75	145	0.7
M28E50+25N	105	375	0.9
M28E50+50N	50	143	0.8
M28E50+75N	90	143	0.8
M28E51+00N	10	106	0.9
M28E51+25N	5	57	0.6
M28E51+50N	5	150	0.7
M28E51+75N	5	150	0.7
M28E52+00N	5	70	0.8
M28E52+25N	5	105	0.7
M28E52+50N	10	102	0.8
M28E52+75N	5	68	0.4
M28E53+00N	5	79	0.5
M28E53+25N	5	25	0.3
M28E53+75N	5	32	0.4
M28E54+00N	5	12	0.5
M28E54+25N	5	11	0.6
M28E54+50N	10	11	0.6
M28E54+75N	5	6	0.4
M28E55+00N	5	40	0.6

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705 WEST 15TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

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Company: WELCOME NORTH MINES  
Project: RR-3 RECON  
Attention: J. S. BROCK/R. POTTER

File: B-1041/P17  
Date: AUGUST 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM	AG PPM
M49E40+25N	5	500	1.0
M49E40+50N	5	550	0.6
M49E40+75N	5	119	0.4
M49E41+00N	5	27	0.3
M49E41+25N	5	14	0.4
M49E41+50N	10	41	0.5
M49E41+75N	5	29	0.6
M49E42+00N	5	17	0.4
M49E42+25N	5	15	0.5
M49E42+50N	5	12	0.4
M49E42+75N	15	16	0.2
M49E43+00N	5	14	0.4
M49E43+25N	5	18	0.3
M49E43+50N	5	60	0.4
M49E43+75N	5	17	0.3
M49E44+00N	10	13	0.5
M49E44+25N	5	25	0.4
M49E44+50N	5	19	0.4
M49E44+75N	5	25	0.3
M49E45+00N	5	15	0.4
M49E45+25N	5	21	0.3
M49E45+50N	5	19	0.2
M49E45+75N	15	17	0.4
M49E46+00N	5	14	0.3
M46E40+25N	5	63	0.2
M46E40+50N	5	25	0.2
M46E40+75N	10	46	0.4
M46E41+00N	5	41	0.4
M46E41+25N	5	35	0.5
M46E41+50N	5	84	0.4

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**TIMMINS OFFICE:**  
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P.O. BOX 887  
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TELEPHONE: (705) 264-9996

*Certificate of Geochem*

Company: WELCOME NORTH MINES  
Project: RR-6 RECON  
Attention: J. S. BROCK/R. POTTER

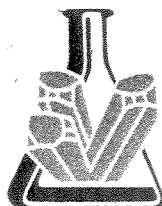
File: 8-1041/P18  
Date: AUG. 6/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM	AG PPM
M46E41+75N	5	42	0.5
M46E42+00N	5	20	0.7
M46E42+25N	10	28	0.3
M46E42+50N	5	25	0.4
M46E42+75N	10	26	0.3
M46E43+00N	5	31	0.2
M46E43+25N	5	25	0.4
M46E43+50N	5	28	0.3
M46E43+75N	5	21	0.5
M46E44+00N	5	28	0.7
M46E44+25N	5	33	0.6
M46E44+50N	5	24	0.5
M46E44+75N	5	42	0.6
M46E45+00N	10	15	0.5
M46E45+25N	5	11	1.0
M46E45+50N	5	17	0.5
M46E45+75N	5	17	0.6
M46E46+00N	5	15	0.4
M46E46+25N	5	9	0.5
M46E46+50N	10	20	0.5
M46E46+75N	5	21	0.6
M46E47+00N	5	22	0.4
M46E47+25N	5	15	0.3
M46E47+50N	10	22	0.7
M46E47+75N	5	40	0.9
M46E48+00N	20	58	0.7
M46E48+25N	5	33	1.0
M46E48+50N	5	39	0.6
M46E48+75N	5	40	0.7
M46E49+00N	10	113	0.9

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
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TELEPHONE: (705) 264-9996

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Company: WELCOME NORTH MINES  
Project: RR-6 RECON  
Attention: J. S. BROCK/R. POTTER

File: 8-1041/P19  
Date: AUG. 6/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM	AG PPM
M46E49+25N	5	48	0.6
M46E49+50N	5	85	0.5
M46E49+75N	5	20	0.3
M46E50+00N	10	43	0.7
M38E40+50N	5	48	0.6
M38E40+75N	5	21	0.9
M38E41+00N	5	26	0.6
M38E41+25N	5	12	0.6
M38E41+50N	10	23	0.4
M38E41+75N	5	20	0.3
M38E42+00N	5	24	0.7
M38E42+25N	5	375	1.0
M38E42+50N	5	49	0.6
M38E42+75N	5	19	0.5
M38E43+00N	5	19	0.9
M38E43+25N	5	8	0.7
M38E43+50N	5	9	0.7
M38E43+75N	5	6	0.6
M38E44+00N	10	8	0.5
M38E44+25N	5	11	0.5
M38E44+50N	5	13	0.7
M38E44+75N	5	15	0.6
M38E45+00N	10	10	0.8
M37E40+25N	5	350	0.6
M37E40+50N	15	65	0.7
M37E40+75N	5	101	0.9
M37E41+00N	5	400	0.9
M37E41+25N	5	400	1.3
M37E41+50N	5	550	1.4
M37E41+75N	10	101	1.1

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

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33 EAST IROQUOIS ROAD  
P.O. BOX 867  
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TELEPHONE: (705) 264-9996

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Company: WELCOME NORTH MINES  
Project: RR-6 RECON  
Attention: J. S. BROCK/R. POTTER

File: 8-1041/P20  
Date: AUG. 6/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AS PPM	AG PPM
M37E42+00N	5	33	0.4
M37E42+25N	5	24	0.6
M37E42+50N	5	26	0.6
M37E42+75N	10	5	0.7
M37E43+00N	5	12	0.5
M37E43+25N	20	14	0.4
M37E43+50N	5	11	0.4
M37E43+75N	5	11	0.7
M37E44+00N	5	13	0.3
M37E44+25N	5	11	0.4
M37E44+50N	5	12	0.3
M37E44+75N	20	9	0.5
M37E45+00N	10	15	0.6
M40E37+00N	5	14	0.2
M40E37+25N	5	13	0.5
M40E37+50N	5	6	0.7
M40E37+75N	5	21	0.6
M41E37+00N	5	22	0.3
M41E37+25N	10	14	0.6
M41E37+50N	5	100	0.8
M41E37+75N	5	79	0.4
M41E38+00N	5	99	0.6
M41E38+25N	10	116	0.3
M41E38+50N	5	375	0.6
M41E38+75N	10	96	0.6
M41E39+00N	20	55	0.8
M41E39+25N	5	46	0.5
M41E39+50N	5	350	0.7
M41E39+75N	5	43	0.6
M46E35+00N	5	16	

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TELEX: VIA U.S.A. 7601087 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

*Certificate of GEOCHEM*

Company: WELCOME NORTH MINES  
Project: RR 6 MAG.  
Attention: J. BROCK/R. POTTER

File: 8-1077/P1  
Date: AUG. 9/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M1750N 2025E	3	5
M1750N 2050E	3	5
M1750N 2075E	6	5
M1750N 2100E	12	5
M1750N 2125E	10	10
M1750N 2150E	15	5
M1750N 2175E	8	5
M1750N 2200E	10	5
M1750N 2225E	10	5
M1750N 2250E	18	5
M1750N 2275E	18	5
M1750N 2300E	15	5
M1750N 2325E	18	10
M1750N 2350E	20	5
M1750N 2375E	22	5
M1750N 2400E	11	5
M1750N 2425E	3	5
M1750N 2450E	8	5
M1750N 2475E	9	5
M1950N 2975E	10	5
M1950N 2950E	7	5
M1950N 2925E	16	10
M1950N 2900E	10	5
M1950N 2875E	11	5
M1950N 2850E	8	5
M1950N 2825E	4	5
M1950N 2800E	10	5
M1950N 2775E	11	5
M1950N 2750E	12	5
M1950N 2725E	11	5

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

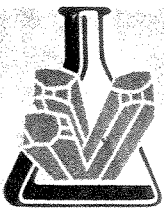
File: 8-1077/P2  
Date: AUGUST 5/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M1950N 2700E	37	5
M1950N 2675E	21	5
M1950N 2650E	12	10
M1950N 2625E	35	5
M1950N 2600E	20	5
M1950N 2575E	36	5
M1950N 2550E	38	5
M1950N 2525E	41	5
M1950N 2500E	31	10
M1950N 2475E	22	5
M1950N 2450E	22	5
M1950N 2425E	26	5
M1950N 2400E	12	5
M1950N 2375E	59	10
M1950N 2025E	12	5
M1950N 2050E	15	5
M1950N 2075E	31	10
M1950N 2100E	550	130
M1950N 2125E	26	5
M1950N 2150E	40	5
M1950N 2175E	43	5
M1950N 2200E	50	5
M1950N 2225E	31	10
M1950N 2250E	50	5
M1950N 2275E	33	5
M1950N 2300E	10	5
M1950N 2325E	22	5
M1950N 2350E	20	5
M1750N 2500E	19	5
M1750N 2525E	18	5

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

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33 EAST IROQUOIS ROAD  
P.O. BOX 867  
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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-1077/P3  
Date: AUG. 9/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M1750N 2550E	35	5
M1750N 2575E	11	5
M1750N 2600E	12	5
M1750N 2625E	9	5
M1750N 2650E	23	10
M1750N 2675E	17	5
M1750N 2700E	20	5
M1750N 2725E	13	5
M1750N 2750E	15	5
M1750N 2775E	4	5
M1750N 2800E	18	5
M1750N 2825E	23	10
M1750N 2850E	9	5
M1750N 2875E	8	5
M1750N 2900E	9	5
M1750N 2925E	11	5
M1750N 2950E	5	5
M1750N 2975E	7	7
M31E 5200N	45	5
M31E 5225N	40	10
M31E 5250N	55	5
M31E 5275N	56	5
M31E 5300N	57	5
M31E 5325N	41	10
M31E 5350N	55	5
M31E 5375N	35	5
M31E 5400N	34	5
M31E 5425N	26	6
M31E 5450N	16	5
M31E 5475N	17	10

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33 EAST IROQUOIS ROAD  
P.O. BOX 867  
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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-1077/P4  
Date: AUG. 9/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M31E 5500N	36	10
M31E 5525N	39	5
M31E 5550N	31	5
M31E 5575N	27	5
M31E 5600N	22	5
M31E 5625N	30	10
M31E 5650N	44	5
M31E 5675N	94	5
M31E 5700N	106	5
M31E 4825N	14	5
M31E 4850N	12	10
M31E 4875N	14	5
M31E 4900N	18	5
M31E 4925N	11	5
M31E 4950N	12	5
M31E 4975N	10	5
M31E 5000N	12	5
M31E 5025N	11	5
M31E 5050N	7	10
M31E 5075N	15	10
M31E 5100N	16	5
M31E 5125N	12	10
M31E 5150N	53	5
M31E 5175N	102	15
M31E 4500N	12	10
M31E 4525N	13	5
M31E 4550N	11	5
M31E 4575N	10	5
M31E 4600N	12	5
M31E 4625N	10	5

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**TIMMINS OFFICE:**  
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P.O. BOX 867  
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Company: WELCOME NORTH MINES  
Project: RR & M  
Attention: J. BROCK/R. POTTER

File: 8-1077/P5  
Date: AUG. 9/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M31E 4650N	14	5
M31E 4675N	16	5
M31E 4700N	28	5
M31E 4725N	15	5
M31E 4750N	12	5
M31E 4775N	11	5
M31E 4800N	12	5
M33E 5475N	450	5
M33E 5500N	124	10
M33E 5525N	300	5
M33E 5550N	34	5
M33E 5575N	36	5
M33E 5600N	54	5
M33E 5625N	19	5
M33E 5650N	36	5
M33E 5675N	50	5
M33E 5700N	45	5
M32E 5600N	27	5
M32E 5625N	28	10
M32E 5650N	41	5
M32E 5675N	30	5
M32E 5700N	38	5
M32E 4500N	10	5
M32E 4525N	8	5
M32E 4550N	14	5
M32E 4575N	11	10
M32E 4600N	15	5
M32E 4625N	12	5
M32E 4650N	13	5
M32E 4675N	12	5

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TELEX: VIA U.S.A. 7801067 • FAX (604) 980-9621

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TIMMINS, ONTARIO CANADA P4N 7G7  
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Company: WELCOME NORTH MINES  
Project: RR & M  
Attention: J. BROCK/R. POTTER

File: B-1077/P6  
Date: AUB 9/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M32E 4700N	6	5
M32E 4725N	9	5
M32E 4750N	3	10
M32E 4775N	1	5
M32E 4800N	5	5
M32E 4825N	2	5
M32E 4850N	3	5
M32E 4875N	8	5
M32E 4900N	8	10
M32E 4925N	2	5
M32E 4950N	1	5
M32E 4975N	3	5
M32E 5000N	1	5
M32E 5025N	1	5
M32E 5050N	1	5
M32E 5075N	11	5
M32E 5100N	19	10
M32E 5125N	20	5
M32E 5150N	45	5
M32E 5175N	52	5
M32E 5200N	105	10
M32E 5225N	52	5
M32E 5250N	5	5
M32E 5275N	21	5
M32E 5300N	56	25
M32E 5325N	21	10
M32E 5350N	19	5
M32E 5375N	23	10
M32E 5400N	36	5
M32E 5425N	33	5

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**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: B-1077/P7  
Date: AUG 10/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M32E 5450N	69	5
M32E 5475N	63	15
M32E 5500N	62	10
M32E 5525N	86	5
M32E 5550N	60	5
M32E 5575N	50	5
M33E 4500N	17	20
M33E 4525N	10	5
M33E 4550N	18	5
M33E 4575N	11	10
M33E 4600N	12	5
M33E 4625N	12	5
M33E 4650N	14	5
M33E 4675N	15	5
M33E 4700N	11	10
M33E 4725N	21	5
M33E 4750N	18	5
M33E 4775N	17	5
M33E 4800N	16	15
M33E 4825N	24	10
M33E 4850N	21	5
M33E 4875N	19	5
M33E 4900N	18	5
M33E 4925N	18	10
M33E 4950N	16	5
M33E 4975N	37	5
M33E 5000N	128	5
M33E 5025N	350	5
M33E 5050N	425	10
M33E 5075N	600	10

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TELEPHONE: (705) 264-9996

*Certificate of Geochem*

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-1077/P8  
Date: AUG. 10/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M33E 5100N	550	5
M33E 5125N	625	45
M33E 5150N	375	85
M33E 5175N	42	10
M33E 5200N	26	5
M33E 5225N	64	5
M33E 5250N	42	5
M33E 5275N	75	5
M33E 5300N	52	10
M33E 5325N	45	185
M33E 5350N	32	5
M33E 5375N	43	10
M33E 5400N	43	5
M33E 5425N	300	10
M33E 5450N	175	5
M50E 3000N	3	5
M50E 3025N	2	5
M50E 3050N	1	10
M50E 3075N	1	5
M50E 3100N	11	10
M50E 3125N	1	5
M50E 3150N	3	5
M50E 3175N	6	5
M50E 3200N	11	10
M50E 3225N	4	5
M50E 3250N	3	5
M50E 3275N	6	5
M50E 3300N	1	5
M50E 3325N	2	5
M50E 3350N	22	5

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-1077/P9  
Date: AUG 10/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M50E 3375N	34	5
M50E 3400N	22	5
M50E 3425N	33	10
M50E 3450N	25	5
M50E 3475N	26	5
M41E 5225N	14	5
M41E 5250N	17	10
M41E 5275N	26	5
M41E 5300N	16	5
M41E 5325N	26	5
M41E 5350N	32	5
M41E 5375N	23	5
M41E 5400N	44	10
M41E 5425N	133	5
M41E 5450N	61	5
M41E 5475N	26	5
M41E 5500N	NO SAMPLE	
M41E 5525N	26	10
M41E 5550N	40	5
M41E 5575N	62	5
M41E 5600N	45	5
M41E 5625N	102	5
M41E 5650N	13	25
M41E 5675N	14	170
M41E 5700N	14	5
M43E 5300N	16	5
M43E 5325N	15	5
M43E 5350N	20	5
M43E 5375N	16	5
M43E 5400N	36	5

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Company: WELCOME NORTH MINES  
Project: RR & M  
Attention: J. BROCK/R. POTTER

File: 8-1077/P10  
Date: AUG 10/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M43E 5425N	17	5
M43E 5450N	10	5
M43E 5475N	13	5
M43E 5500N	NO SAMPLE	
M43E 5525N	26	5
M43E 5550N	11	5
M43E 5575N	35	10
M43E 5600N	140	5
M43E 5625N	34	5
M43E 5650N	80	5
M43E 5675N	66	5
M43E 5700N	23	5
M43E 5000N	6	5
M43E 5025N	3	10
M43E 5050N	2	5
M43E 5075N	5	5
M43E 5100N	16	5
M43E 5125N	9	10
M43E 5150N	7	5
M43E 5175N	24	5
M43E 5200N	19	5
M43E 5225N	17	5
M43E 5250N	29	5
M43E 5275N	10	10
M19N 1775E	NO SAMPLE	
M19N 1800E	12	5
M19N 1825E	5	5
M19N 1850E	19	5
M19N 1875E	15	5
M19N 1900E	17	5

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Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-1077/P11  
Date: AUG 10/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M19N 1925E	34	10
M19N 1950E	55	10
M19N 1975E	32	5
M17N 1875E	33	5
M17N 1850E	NO SAMPLE	
M17N 1825E	40	5
M17N 1800E	24	5
M17N 1775E	54	10
M17N 1750E	33	5
M17N 1725E	42	5
M17N 1700E	18	10
M17N 1675E	67	5
M17N 1650E	32	5
M17N 1625E	NO SAMPLE	
M17N 1600E	NO SAMPLE	
M17N 1575E	NO SAMPLE	
M17N 1550E	12	5
M17N 1525E	NO SAMPLE	
M17N 1500E	31	5
M52E 3975N	26	10
M52E 3950N	31	15
M52E 3925N	33	5
M52E 3900N	34	5
M52E 3875N	32	60
M52E 3850N	31	45
M52E 3825N	28	35
M52E 3800N	30	30
M52E 3775N	29	10
M52E 3750N	39	5
M52E 3725N	40	20

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Attention: J. BROCK/R. POTTER

File: B-1077/P12  
Date: AUG 10/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M52E 3700N	18	5
M52E 3675N	13	10
M52E 3650N	9	5
M52E 3625N	12	5
M52E 3600N	11	15
M52E 3575N	10	5
M52E 3550N	13	5
M52E 3525N	15	5
M52E 3500N	10	5
M52E 3475N	12	10
M52E 3450N	8	10
M52E 3425N	19	5
M52E 3400N	10	5
M52E 3375N	16	5
M52E 3000N	8	5
M52E 3025N	10	5
M52E 3050N	9	5
M52E 3075N	7	10
M52E 3100N	6	5
M52E 3125N	5	5
M52E 3150N	7	5
M52E 3175N	7	5
M52E 3200N	9	5
M52E 3225N	7	5
M52E 3250N	9	10
M52E 3275N	11	5
M52E 3300N	6	5
M52E 3325N	8	5
M52E 3350N	8	5
M44E 5025N	12	5

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*Certificate of GEOCHEM*

Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

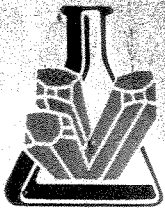
File: B-1077/P13  
Date: AUG 10/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M44E 5050N	600	30
M44E 5075N	16	5
M44E 5100N	12	10
M44E 5125N	11	5
M44E 5150N	12	5
M44E 5175N	18	10
M44E 5200N	7	10
M44E 5225N	8	5
M44E 5250N	11	5
M44E 5275N	5	5
M44E 5300N	9	5
M44E 5325N	9	10
M44E 5350N	10	10
M44E 5375N	10	5
M44E 5400N	22	5
M44E 5425N	8	5
M44E 5450N	25	5
M44E 5475N	15	10
M46E 5125N	30	5
M46E 5150N	6	5
M46E 5175N	26	5
M46E 5200N	36	5
M46E 5225N	25	20
M46E 5250N	28	5
M46E 5275N	30	5
M46E 5300N	29	10
M46E 5325N	24	5
M46E 5350N	38	5
M46E 5375N	22	5
M46E 5400N	19	5

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK

File: 8-10777/P14  
Date: AUG 10/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M46E 5425N	15	5
M46E 5450N	26	10
M46E 5475N	24	5
M46E 5025N	52	5
M46E 5050N	26	10
M46E 5075N	24	5
M46E 5100N	45	5
M36E 5600N	42	10
M36E 5575N	44	5
M36E 5550N	29	5
M36E 5525N	43	5
M36E 5500N	NO SAMPLE	
M36E 5475N	112	5
M36E 5450N	250	10
M36E 5425N	81	5
M36E 5400N	91	15
M36E 5375N	145	5
M36E 5350N	200	10
M36E 5325N	60	5
M36E 5300N	250	5
M36E 5275N	72	5
M36E 5100N	5	5
M36E 5125N	30	5
M36E 5150N	10	5
M36E 5175N	17	5
M36E 5200N	14	5
M36E 5225N	27	5
M36E 5250N	18	10
M38E 5300N	92	5
M38E 5325N	225	10

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-10777/P15  
Date: AUG. 11/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M38E 5350N	200	10
M38E 5375N	37	5
M38E 5400N	56	5
M38E 5425N	45	15
M38E 5450N	59	10
M38E 5475N	61	5
M38E 5500N	32	5
M38E 5525N	31	10
M38E 5550N	4	5
M38E 5575N	13	5
M38E 5600N	32	5
M38E 5625N	60	5
M38E 5650N	26	5
M38E 5675N	12	20
M38E 5700N	51	10
M38E 5100N	10	5
M38E 5125N	6	5
M38E 5150N	8	5
M38E 5175N	10	10
M38E 5200N	35	5
M38E 5225N	61	5
M38E 5250N	55	40
M38E 5275N	47	5
M40E 5400N	45	15
M40E 5425N	56	10
M40E 5450N	44	5
M40E 5475N	14	5
M40E 5500N	53	5
M40E 5525N	18	5
M40E 5550N	10	5

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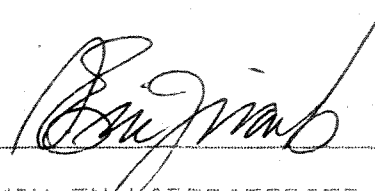
Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-10777/P16  
Date: AUG. 11/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M40E 5575N	28	10
M40E 5600N	31	5
M40E 5625N	32	5
M40E 5650N	65	20
M40E 5675N	141	40
M40E 5700N	101	10
M40E 5100N	10	5
M40E 5125N	13	5
M40E 5150N	7	5
M40E 5175N	4	5
M40E 5200N	6	10
M40E 5225N	9	5
M40E 5250N	3	5
M40E 5275N	6	5
M40E 5300N	17	5
M40E 5325N	18	10
M40E 5350N	24	5
M40E 5375N	59	5
M34E 5100N	225	20
M34E 5125N	250	10
M34E 5150N	250	15
M34E 5175N	275	5
M34E 5200N	138	5
M34E 5225N	133	10
M34E 5250N	145	5
M34E 5275N	300	5
M34E 5300N	175	5
M34E 5325N	225	5
M34E 5350N	81	5
M34E 5375N	94	5

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-1077/P17  
Date: AUG. 11/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M34E 5400N	950	30
M34E 5425N	225	5
M34E 5450N	82	5
M35E 5100N	14	5
M35E 5125N	11	10
M35E 5150N	9	5
M35E 5175N	13	5
M35E 5200N	23	10
M35E 5225N	57	5
M35E 5250N	175	5
M35E 5275N	550	5
M35E 5300N	500	5
M35E 5325N	425	5
M35E 5350N	80	10
M35E 5375N	68	5
M35E 5400N	300	5
M35E 5425N	23	10
M35E 5450N	23	5
M35E 5475N	35	5
M35E 5500N	N/S	5
M35E 5525N	53	5
M35E 5550N	32	10
M35E 5575N	56	5
M35E 5600N	58	5
M35E 5625N	53	5
M35E 5650N	42	5
M35E 5675N	28	15
M35E 5700N	101	5
M37E 5325N	41	5
M37E 5350N	64	5

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Company: WELCOME NORTH MINES  
Project: RR 6 M  
Attention: J. BROCK/R. POTTER

File: 8-10777/P18  
Date: AUG. 11/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-WET PPB
M37E 5375N	27	5
M37E 5400N	77	5
M37E 5425N	42	10
M37E 5450N	19	5
M37E 5475N	22	5
-----		
M37E 5500N	NO SAMPLE	
M37E 5525N	43	10
M37E 5550N	18	5
M37E 5575N	6	5
M37E 5600N	13	5
-----		
M37E 5625N	10	10
M37E 5650N	14	5
M37E 5675N	13	5
M37E 5700N	250	5
M34E 5475N	133	10
-----		
M34E 5500N	79	10
M34E 5525N	18	5
M34E 5550N	49	5
M34E 5575N	46	5
M34E 5600N	29	5
-----		
M34E 5625N	24	10
M34E 5650N	29	10
M34E 5675N	152	5
M34E 5700N	47	5

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

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33 EAST IROQUOIS ROAD  
P.O. BOX 867  
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TELEPHONE: (705) 264-9996

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Project: RR 6 QC  
Attention: J. BROCK/R. POTTER

File: 8-1077/P19  
Date: AUG 11/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
Q37E 2675N	2.3	900	5
Q37E 2700N	.8	1050	85
Q37E 2725N	.6	900	50
Q37E 2750N	.5	325	10
Q37E 2775N	.7	300	5
Q37E 2800N	1.1	875	5
Q37E 2825N	.4	300	20
Q37E 2850N	.3	114	10
Q37E 2875N	.5	94	5
Q37E 2900N	.2	42	5
Q38E 2300N	1.1	51	10
Q38E 2325N	1.0	104	20
Q38E 2350N	.6	59	10
Q38E 2375N	.7	34	5
Q38E 2400N	.5	70	5
Q38E 2425N	.6	44	10
Q38E 2450N	.4	66	5
Q38E 2475N	.7	45	5
Q38E 2500N	.5	30	5
Q38E 2525N	.4	53	10
Q38E 2550N	.6	78	5
Q38E 2575N	.7	127	5
Q38E 2600N	.9	97	40
Q38E 2625N	.7	112	10
Q38E 2650N	1.0	84	35
Q38E 2675N	.6	90	10
Q38E 2700N	4.2	950	70
Q38E 2725N	2.3	1300	80
Q38E 2750N	1.1	300	10
Q38E 2775N	1.0	1025	115

Certified by

MIN-EN LABORATORIES LTD.



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**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: WELCOME NORTH MINES  
Project: RR 6 QC  
Attention: J. BROCK/R. POTTER

File: 8-1077/F20  
Date: AUG. 11/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
Q38E 2800N	875	0.7	20
Q38E 2825N	525	0.9	30
Q38E 2850N	150	2.6	20
Q38E 2875N	350	0.8	10
Q38E 2900N	1025	0.4	5
Q37E 2475N	48	0.7	5
Q37E 2500N	46	0.7	10
Q37E 2525N	85	0.9	5
Q37E 2550N	425	0.8	5
Q37E 2575N	97	0.8	5
Q37E 2600N	88	0.6	5
Q37E 2625N	3375	2.9	335
Q37E 2650N	575	1.3	10
Q37E 2300N	26	0.4	5
Q37E 2325N	90	1.2	5
Q37E 2350N	65	0.7	5
Q37E 2375N	60	0.6	5
Q37E 2400N	77	0.6	10
Q37E 2425N	84	0.5	10
Q37E 2450N	67	0.6	5
Q35E 2675N	650	2.1	5
Q35E 2700N	124	0.7	20
Q35E 2725N	148	0.7	5
Q35E 2750N	122	1.2	5
Q35E 2775N	135	0.5	10
Q35E 2800N	2775	0.7	5
Q35E 2825N	850	0.3	5
Q35E 2850N	2500	0.5	5
Q35E 2875N	400	0.4	10
Q35E 2900N	72	0.6	10

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: WELCOME NORTH MINES  
Project: RR 6 QC  
Attention: J. BROCK/R. POTTER

File: 8-1077/F21  
Date: AUG. 11/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PPB
Q28E 0900N	0.9	475	5
Q28E 0925N	0.6	141	15
Q28E 0950N	0.6	123	5
Q28E 0975N	1.2	350	5
Q28E 1000N	0.7	83	5
Q28E 1025N	0.5	58	5
Q28E 1050N	1.6	325	5
Q28E 1075N	0.3	131	5
Q28E 1100N	0.5	82	10
Q28E 1125N	0.5	88	5
Q28E 1150N	0.2	27	5
Q28E 1175N	0.2	110	10
Q28E 1200N	0.3	144	5
Q28E 1225N	0.2	103	5
Q28E 1250N	0.6	725	5
Q28E 1275N	0.9	625	20
Q28E 1300N	0.8	375	10
Q28E 1325N	0.4	68	5
Q28E 1350N	0.7	122	5
Q28E 1375N	0.7	48	10
M73E 5300N	1.2	34	5
M37E 51N	0.7	5	5
M37E 5125N	0.9	8	5
M37E 5150N	0.8	10	5
M37E 5175N	1.0	18	5
M37E 52N	0.7	31	10
M37E 5225N	1.0	58	5
M37E 5250N	0.9	29	5
M37E 5275N	1.3	30	20
M37E 5625N	0.6	21	10

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TELEPHONE: (705) 264-9996

**CERTIFICATE OF GEOCHEM**

Company: WELCOME NORTH MINES  
Project: RR 6 QC  
Attention: J. BROCK/R. POTTER

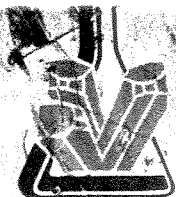
File: B-10777/P22  
Date: AUG. 11/88  
Type: SOIL GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AS PPM	AU-WET PFB
M17N 1925E	0.7	4	5
M17N 1925E	0.6	14	5
M17N 1950E	0.5	5	10
M17N 1975E	0.6	5	5
M19N 15E	0.6	13	5
M19N 1525E	0.7	31	5
M19N 1550E	0.3	3	5
M19N 16E	0.4	15	5
M19N 1625E	0.3	100	5
M19N 1650E	0.5	15	5
M19N 1675E	0.2	2	10
M19N 17E	0.7	25	5
M19N 1725E	0.4	11	5
M19N 1750E	0.4	34	5
M19N 1775E	0.3	8	10
M19N 19E	0.6	25	10
M36E 5650N	0.3	14	5
M36E 5675N	0.3	14	5
M36 57N	0.5	23	5

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TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: WELCOME NORTH MINES  
Project: RR-6-MAG.  
Attention: J. S. BROCK/R. POTTER

File: 8-1077/P1  
Date: AUG. 6/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-FIRE PPB
3419	21	20
3420	62	42
3421	4	10
3422	48	5
3423	34	10
-----		
3424	57	12
3425	80	10
3426	39	8
3427	45	22
3347	10	24
-----		
3348	69	10
3349	15	7
3350	27	15

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TELEPHONE: (705) 264-9996

*Certificate of GEOCHEM*

Company: WELCOME NORTH MINES  
Project: RR 6-QC *MAG.*  
Attention: J. BROCK

File: 8-1079/P1  
Date: AUG 4/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AS PPM	AU-FIRE PPB
3346	8	10
3455	84	16
3456	39	7
3457	62	8
3458	625	12

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APPENDIX III

SUMMARY OF EXPENDITURES

MAG

1988 STATEMENT OF COSTS

	\$
Salaries and Wages	14,918
Geological Consulting	3,300
Camp Costs - 147 man days @ \$40/day	5,880
Field Supplies - flagging, thread, sample bags, etc.	537
Mobilization	720
Vehicle - rentals & fuel	552
Helicopter - 15.6 hrs. @ \$475/hr.	7,410.00
- fuel 1560 litres @ \$0.63/litre	<u>983.00</u>
	8,393
Analyses - Min-En Laboratories	
- Soils - 836 (Au/Ag/As) samples @ \$12.00 ea.	10,032.00
1261 (Au/As) samples @ \$9.50 ea.	11,979.50
- Silts - 51 (Au/As) samples @ \$9.50 ea.	484.50
- Rocks - 74 (Au/Ag/As) samples @ \$16.50 ea.	1,221.00
10 (Au/As) samples @ \$14.00 ea.	<u>140.00</u>
	23,857
Project Management	
- Planning, field management, reporting	<u>2,080</u>
Total:	<u><u>60,237</u></u>


APPENDIX IV

ENGINEER'S CERTIFICATE

I, Robert G. Potter of 150 Andrew Place, Fulford Harbour, in the Province of British Columbia, Canada, DO HEREBY CERTIFY that:

1. I am a consulting Geological Engineer.
2. I am a graduate of the University of British Columbia (B.A.Sc. 1961) and of McGill University (M.Sc. Applied 1972).
3. I am a member in good standing of the Association of Professional Engineers of British Columbia.
4. This report is based on the results of work carried on under my direct supervision and on available published data.
5. I have no interest in the Mag property or in other properties or securities of Welcome North Mines Ltd. nor do I expect to receive any.

Dated at Vancouver, British Columbia this *9<sup>th</sup>* day of December, 1988.

  
\_\_\_\_\_  
Robert G. Potter, P.Eng.

## APPENDIX V

### REFERENCES

- Archer Cathro and Associates: Northern Cordilleran Mineral Inventory.
- Boyle, R.W., 1979: The Geochemistry of Gold and Its Deposits. G.S.C. Bull. 280.
- Buisson, G., and LeBlanc, M., 1986: Gold-bearing Listwaenites (carbonatized ultramafic rocks) in Ophiolite Complexes, in Metallogeny of basic and ultrabasic rocks: London Institute Mining Metallurgy, p. 121-132.
- Duke, J.L., and Godwin, C.I., 1986: Geology and Alteration of the Grew epithermal gold-silver prospect, south-central Yukon, in Yukon Geology Vol. I, D.I.A.N.D.
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- Jackson, L.E., et al 1986: Bimodal Paleogene Volcanics near Tintina Fault, East-central Yukon and Their Possible Relationship to Placer Gold, in Yukon Geology Vol. I, D.I.A.N.D.
- Templeman-Kluit, D., et al, 1977: Compilation of the Geology of Quiet Lake (105F) and Finlayson Lake (105G). G.S.C. Open File 486.

APPENDIX VI

LIST OF PERSONNEL

(MAG CLAIMS)

Gordon Dick (Soil Sampler), General Delivery, Ross River, Yukon  
Period Worked: July 11 to 17, and 21 to 24, 1988

Ron Etzel (Soil Sampler), General Delivery, Ross River, Yukon  
Period Worked: June 18 to 27, 1988  
July 11 to 17, and 21 to 24, 1988

Jeff Franke (Soil Sampler), 320-192 Street, Surrey, B.C.  
Period Worked: June 18 to 27, 1988

Mike Heino (Prospector), 43 Jean Street, Sudbury, Ontario  
Period Worked: June 18 to 26, 1988  
July 11 to 17, 21, 23, 24, 1988

Harold John (Soil Sampler), General Delivery, Ross River, Yukon  
Period Worked: July 11 to 17, and 21 to 24, 1988

Naomi Potter (Cook), R.R. 1, Fulford Harbour, B.C.  
Period Worked: June 18 to 27, 1988  
July 11 to 17, and 21 to 24, 1988

Robert Potter (Geologist & Proj. Mgr.), R.R. 1, Fulford Harbour,  
B.C.  
Period Worked: June 19 to 21, and June 25 to 26, 1988  
July 12, 14, 16, 17, 21 & 23, 1988

Jack Speed (Soil Sampler), Box 1033, Ganges, B.C.  
Period Worked: June 18 to 27, 1988

Bruce Williams (Prospector), R.R. 1, Fulford Harbour, B.C.  
Period Worked: June 18 to 27, 1988  
July 11 to 17, and 21 to 24, 1988