MAP NO.:	ASSESSMENT REPORT	X	DOCUMENT NO: 092903
	PROSPECTUS		MINING DISTRICT: WHITEHORSE
115 H 05	CONFIDENTIAL	X	TYPE OF WORK: GEOLOGICAL, GEOCHEMICAL
	OPEN FILE		TRENCHING

REPORT FILED UNDER: NORANDA EXPLORATION COMPANY LIMITED

DATE PERFORMED: SUMMER 1990 DATE FILED: DEC. 12, 1990

LOCATION: LAT.: 61°16'N AREA: RUBY RANGE

LONG.: 137°00'W VALUE $: 20,000

CLAIM NAME & NO.: JAN 1-20

WORK DONE BY: JESSE L. DUKE

WORK DONE FOR: NORANDA EXPLORATION COMPANY LIMITED

DATE TO GOOD STANDING:

REMARKS: The JAN claims were optioned fro JP Ross. The 1990 program was designed to test the property for bulk tonnage gold potential. The property lies on the margin of the Coast Plutonic Complex and on the SE flank of the Ruby Range batholith in hornfelsed schists of Proterozoic or Paleozoic age. Mineralization occurs as quartz float containing disseminated arsenopyrite carrying gold values. Noranda mapped and soil sampled the property before returning with an air mobile backhoe to trench areas of interest. The trenches revealed narrow fault structures containing minor mineralization but no material such as has been found in float was revealed in the trenches. The possibility of a bulk tonnage gold dep. was essentially ruled out but it was suggested that the potential for significant vein mainera ization, especially at the intersection of north trending and E-W trending structures, was viable. Geochemical response was not great but a positive correlation between gold and arsenic was noted.

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

OFFICE OF THE REGIONAL MINERAL RIGHTS DEC 141990 WHITEHORSE YUKON TERRITORY

TRANSMITTAL FORM

M.R. file no.	
R.M.M.R. file no.	
Date forwarded	13 Dec 90

From ▶ Mining Recorder at: Whitehorse

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☐ DIAMOND DRILL LOGS — Claims — Claim sheet no.
- ☒ QUARTZ ASSESSMENT REPORT — Claims: JAN 1-20 — Claim sheet no.

Type of report: G, Gc, Trenching

Submitted by: Noranda Exploration Co.

Cls. work performed on: JAN 1-20

$ req. for ren. application: 20,000.00

Signature

REPLY ACTION

Date returned

092903

$ 12,000

Signature

802 37 (7-88)

GEOLOGICAL, GEOCHEMICAL & TRENCHING REPORT

ON THE

JAN 1 - 20 CLAIMS

WHITEHORSE MINING DISTRICT

115 H/5

Latitude 61 16' N Longitude 137 00

CONFIDENTIAL

092903

Noranda Exploration Co. Ltd.
(no personal liability)

Author: Jesse L. Duke
December, 1990

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 $ 20,000.

for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

SUMMARY

The property is located 60 km northwest of Haines Junction. It consists of the Jan 1 - 20 quartz claims owned by John Peter Ross of Whitehorse, Yukon. Access is by helicopter based in Haines Junction. A road accessible airstrip 12 km to the southwest on Fourth of July Creek serves as a staging area.

The property lies on the margin of the Coast Plutonic complex and at the south-eastern flank of the Ruby Range Batholith in hornfelsed schists Proterozoic and/or Paleozoic in age.

Gold mineralization occurs on the property in quartz veins associated with northwest and northeast trending structures. The veins vary from pink to white in color and are sucrosic and banded in texture. Silica-cemented angular breccia textures and vugs are common. Limonite and scorodite staining is widespread. The gold is associated with very fine-grained arsenopyrite disseminated within the quartz.

The main northwest-trending mineralized structure is steeply dipping and has been traced in float for 2.8 km. Mineralized quartz vein material has also been found in northeast structures near this main structure.

Float of the vein material returned values up to 7340 ppb gold. Trench #1 exposed a 1.5 metre wide clay gouge zone which returned 2600 ppb gold over this interval. No quartz veining was noted in the trench. Trench #2 was not

successful in exposing a bedrock source of the mineralization. It was attempted across the structure where mineralized float occurs as numerous cobbles and small boulders. Overburden depths greater than three metres were encountered over the target area.

A total of 772 soil samples were collected and 28.5 km of grid was established on the property. A ground magnetometer survey was completed over the grid. A helicopter-portable Kubota backhoe was used.

Additional geophysics and diamond drilling will be necessary to properly determine the extent and controls on mineralization on this property.

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CHAPTER ONE: INTRODUCTION

1-1: Introductory Statement

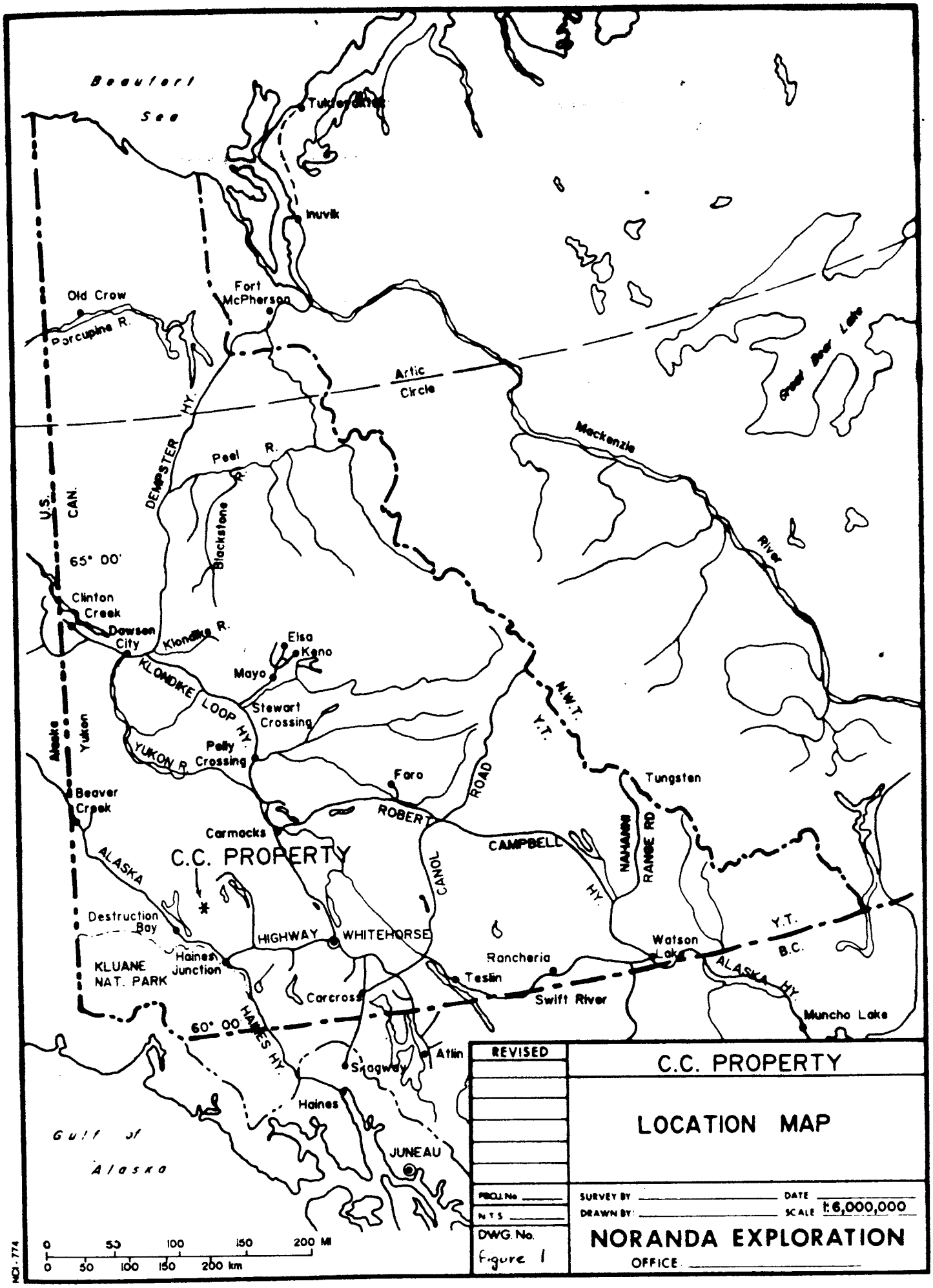
The C.C. Property is located 60 km northwest of Haines Junction. It consists of the Jan 1 - 20 quartz claims owned by John Peter Ross of Whitehorse, Yukon. Noranda optioned the property under the terms of an agreement dated November 28, 1989 and conducted a field program during the field season of 1990. The focus of the program was to test the potential for low-grade bulk tonnage gold mineralization.

1-2: Location and Access

The C.C. Property is located 60 km northwest of Haines Junction. Access is by helicopter from a base in Haines Junction. A four wheel drive road accessible airstrip is located 12 km southwest of the property at Fourth of July Creek. Field crews and equipment were mobilized onto the property by helicopter from the airstrip on Fourth of July Creek.

1-3: Physiography and Vegetation

The property lies entirely above tree line between 1600 m and 2200 m above sea level. Vegetation consists entirely



REVISED	C.C. PROPERTY
	LOCATION MAP
PROJ. No.	SURVEY BY: DATE
N.T.S.	DRAWN BY: SCALE 1:6,000,000
DWG. No. Figure 1	NORANDA EXPLORATION
	OFFICE:

NO. 774

of tundra, with mosses, grasses, lichens and stunted willows at the lower elevations.

1-4: History of the Claims

The claims were staked between the 14th and 22nd of August, 1989 and recorded in Whitehorse on the 28th of August, 1989 by John Peter Ross as the Jan 1 to 20 claims. An option agreement with Noranda Exploration Company Ltd. was reached on November 28, 1989. Details of the claim status is listed in Table I. This report describes work performed in 1990 under the terms of that agreement.

TABLE I
CLAIM STATUS

CLAIMS	RECORD NO.	DATE STARTED	DATE RECORDED
Jan 1-4	YB26688-91	Aug. 14, 1989	Aug. 28, 1989
Jan 5-6	YB26692-93	Aug. 15, 1989	"
Jan 7-8	YB26694-95	Aug. 16, 1989	"
Jan 9-10	YB26696-97	Aug. 17, 1989	"
Jan 11-14	YB26698-701	Aug. 18, 1989	"
Jan 15,16	YB26702-703	Aug. 19, 1989	"
Jan 17-20	YB26704-707	Aug. 22, 1989	"

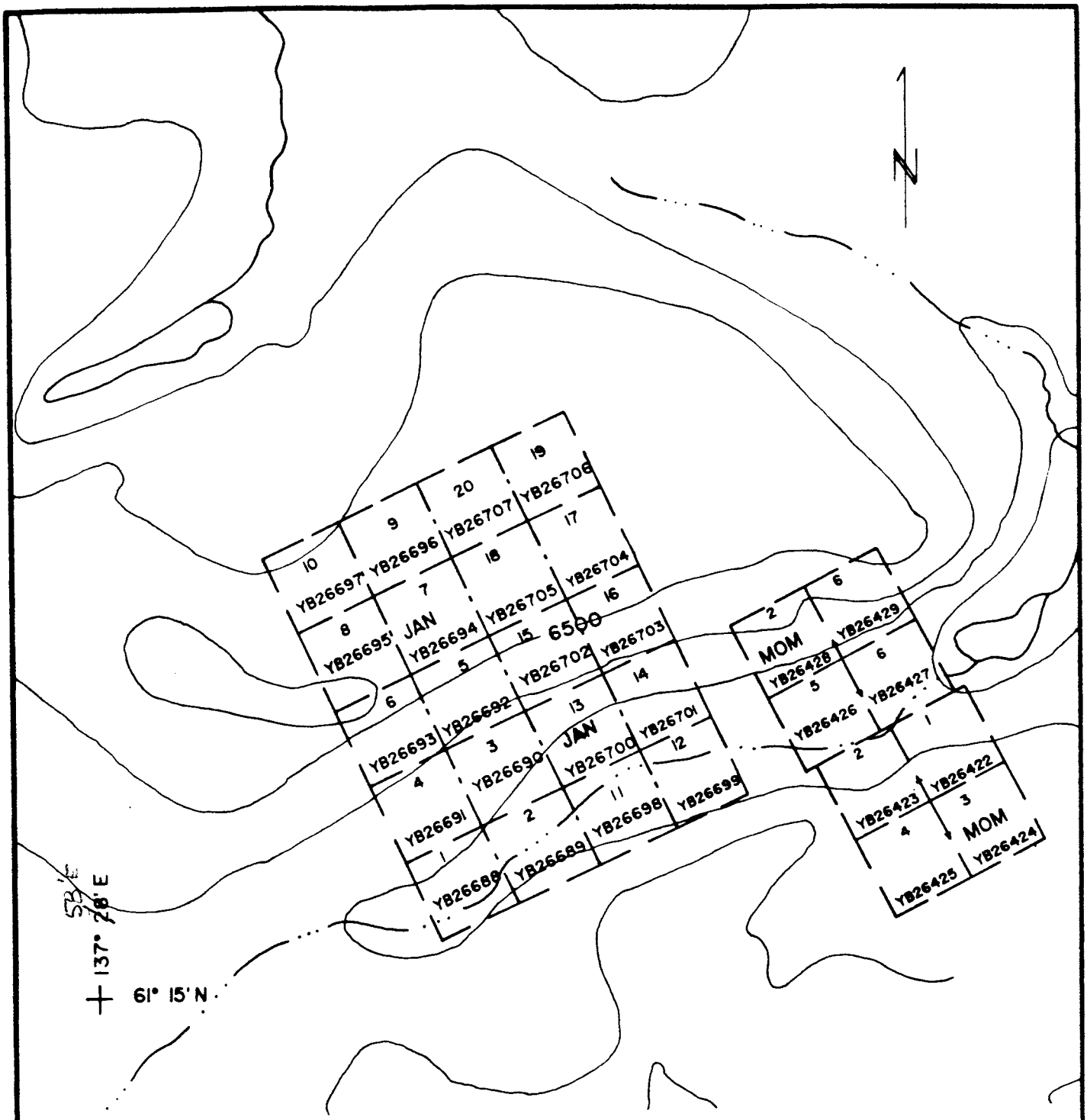
1-5: Previous Exploration

The area was first staked in 1989 by J.P. Ross during a prospecting trip to the area to check out G.S.C. silt anomalies in the area.

1-6: Work Program

In 1990 Noranda Exploration conducted a two phase work program designed to assess the bulk-tonnage potential of the property.

Phase 1: A field crew of four was mobilized onto the property by helicopter from the airstrip at Fourth of July Creek. Personnel were geologists Daniele Heon, Natalie Hachey, assistant Val Celuszak and students Gernot Wober and Bill Burton. A total of 10 field days were spent on the property. A 2.4 km slope corrected baseline was picketed and 28.53 km of flagged grid lines were established. Lines were spaced 200 metres apart and stations were marked at 50 metre intervals. Soils were collected at all stations and at an additional 39 locations for a total of 772 samples. The entire grid was prospected and 100 rock samples were analysed. A magnetometer survey was completed over the grid by Amerok Geophysics of Whitehorse. Total field readings were recorded at 12.5 metre intervals on the lines.



REVISED	C. C. PROPERTY
	JAN CLAIMS CLAIM LOCATION
PROJ No 324	SURVEY BY D. Heon DATE DEC. 1990
NTS 115H/5	DRAWN BY D.Cousins SCALE 1 : 31,680
DWG No. FIGURE 2	NORANDA EXPLORATION OFFICE Whitehorse, Yukon

NCI-774

Phase 2: A crew of three returned to the property on August 5th for ten days to follow up the phase one results. A owner-operated Kubota helicopter transportable backhoe was used to trench three locations on the property. Personnel were: J. Duke, geologist; W. Muir, assistant; N. Alway, hoe operator. A total of 44 metres of bedrock were exposed in two trenches. Three trenches were attempted. Additional prospecting was conducted at that time.

CHAPTER TWO: GEOLOGY

2-1: Regional Geology

The property lies on the margin of the Coast Plutonic Complex and on the south-eastern flank of the Ruby Range Batholith in hornfelsed schists of Proterozoic and/or Paleozoic age. The Ruby Range batholith is dominantly a medium-grained, equigranular, grey, hornblende biotite granodiorite. Regionally the hornfelsed schists are dark purplish brown staurolite cordierite biotite with relict schistose texture.

2-2: Property Geology

The property is underlain by quartzo-feldspathic gneiss. They are generally grey and brown weathering and occur as talus and scattered outcrops. Mineral banding is dominantly biotite, rusty quartz and feldspar. Some graphite has also been noted.

On the southern part of the property, south of the main creek, talus and outcrop of granitic gneiss (or gneissic granitoid) with variable textures occurs. It contains biotite, +/- pyroxene, +/- hornblende, quartz and feldspar. Both massive and banded variations have been observed.

Immediately to the northeast of the property, quartz feldspar porphyry occurs as irregular patches of boulder talus, five to 30 metres in diameter.

The property is cut by at least one southeast-northwest trending andesitic dyke. It is poorly exposed but appears to have a strong magnetic expression in this orientation.

Faulting on the property occurs as northwest and northeast trending structures. These faults are the main control on the mineralization.

GEOLOGY

FIGURE 3

AISHIHIK LAKE

YUKON TERRITORY

Scale 1:250,000

LEGEND

CENOZOIC

EOCENE OR YOUNGER

- TLR — LITTLE RIDGE VOLCANICS: brown, purple and green basalt and flow breccia
- eTcv — CARMACKS GROUP: brown-weathering, brown augite olivine basalt and flow breccia
- Tv — UNDIFFERENTIATED VOLCANICS: brown and green feldspar porphyry dyke and flow rocks of intermediate composition
- Tvr — VARICOLOURED ACID TUFF: brightly coloured, light-weathering acid vitric crystal tuff, lapilli tuff and welded tuff; includes plugs and necks that are feeders to these extrusive rocks

EOCENE

- TMN — MOUNT NANSEN GROUP: dark grey to black weathering (blocky talus), dark greenish-grey, aphanitic, intermediate to acid, massive, tuff and tuff-breccia
- Tfp — FELDSPAR PORPHYRY: orange and buff weathering light-coloured feldspar porphyry dyke and flow rocks of intermediate to acid composition; may include Nisling Range Alaskite (Tgal) undifferentiated. Where these rocks are represented by intrusive phases this is indicated by a lined pattern defining the trend of dykes, where they are extrusive this pattern is not shown
- Tgal — NISLING RANGE ALASKITE: fine-grained, miarolitic, buff-weathering leucogranite or alaskite; may include Coffee Creek (Tg), and feldspar porphyry (Tfp) undifferentiated
- Tg — COFFEE CREEK GRANITE: coarse-grained, equigranular, buff-weathering, homogeneous biotite granite and quartz monzonite; includes Nisling Range Alaskite undifferentiated

- LMdim — HORNBLENDE DIORITE: melanocratic fine-grained equigranular biotite hornblende diorite; may include Ruby Range granodiorite (Trgd) undifferentiated

LOWER CRETACEOUS AND/OR UPPER JURASSIC

- LKT — TANTALUS FORMATION: chert pebble conglomerate with minor interbedded sandstone and shale

MESOZOIC

LOWER AND MIDDLE JURASSIC

- J — LABERGE GROUP: poorly sorted, white and buff weathering, medium bedded to massive sandstone with interbedded pebble and boulder conglomerate and minor shale
- Mqmp — PORPHYRITIC QUARTZ MONZONITE: porphyritic (pink K-feldspar) medium-grained, hornblende biotite quartz monzonite; includes minor pink quartz monzonite (Trqm) and hornblende granodiorite (Trgdm) undifferentiated

TRIASSIC (?)

- Trqm — PINK QUARTZ MONZONITE: pink coarse-grained leucocratic quartz monzonite and porphyritic pink quartz monzonite; may include porphyritic quartz monzonite (Mqmp) undifferentiated
- Trgdm — HORNBLENDE GRANODIORITE: dark grey weathering, coarse-grained, equigranular biotite hornblende granodiorite to quartz diorite; commonly shows layering or foliation by alignment of mafics; includes pink quartz monzonite (Trqm) and porphyritic quartz monzonite (Mqmp) undifferentiated
- Trgd — RUBY RANGE GRANODIORITE: medium-grained, equigranular, grey, hornblende biotite granodiorite; includes undifferentiated diorite (LMdim); may include biotite granite (Tg)
- Trvb — MASSIVE GREEN VOLCANICS: massive dark green epidotized basalt; minor tuff breccia

PROTEROZOIC AND/OR PALEOZOIC

- PPm — AMPHIBOLITE: dark green fine-grained amphibolite; includes interfoliated schist and gneiss
- PPsqr — HORNFELSED SCHIST: dark purplish brown staurolite cordierite biotite hornfels with relict schistose texture
- PPc — MARBLE: light grey and white coarsely crystalline, locally finely laminated fetid marble
- PPsbq — BIOTITE SCHIST: brown grey weathering, recessive, chlorite muscovite biotite quartz schist and micaceous quartzite; garnetiferous; minor amphibolite, marble and skarn

Geological boundary (defined, approximate, assumed) .....

Bedding tops known (horizontal, inclined, vertical) .....

Foliation (inclined, vertical) .....

Lineation (horizontal, inclined) .....

Trend of dykes (from air photographs) .....

Fault (defined, inferred) .....

Jointing (inclined, vertical) .....

Antiform (location approximate) .....

Synform (location approximate) .....

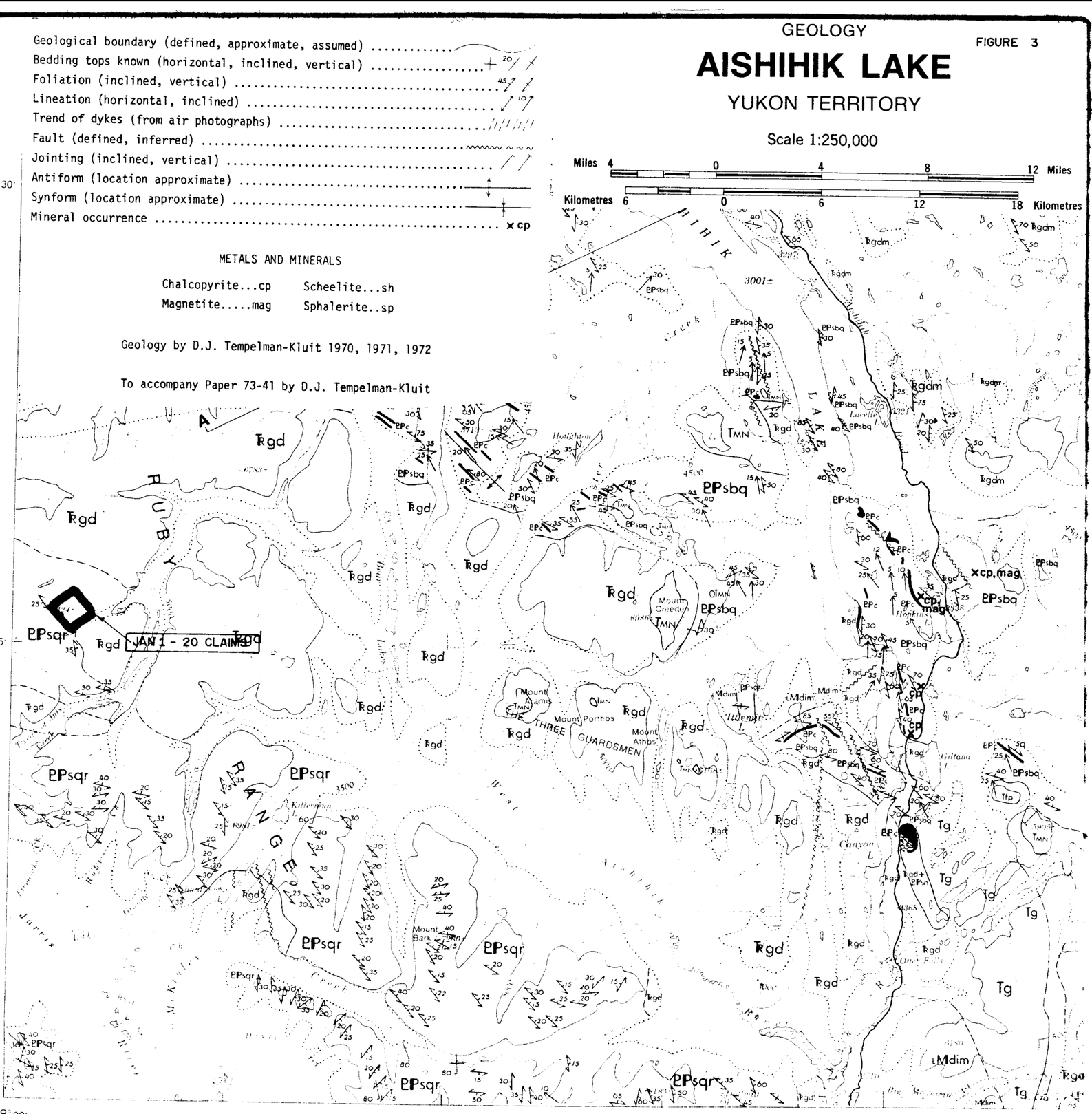
Mineral occurrence ..... x cp

METALS AND MINERALS

Chalcopyrite...cp	Scheelite...sh
Magnetite.....mag	Sphalerite..sp

Geology by D.J. Tempelman-Kluit 1970, 1971, 1972

To accompany Paper 73-41 by D.J. Tempelman-Kluit



CHAPTER THREE: GEOCHEMISTRY

A total of 772 soil samples were collected on the property. They were analyzed by Acme Analytical Laboratories of Vancouver, B.C. for 30 elements by I.C.P. and for gold and mercury by atomic absorption. The results are appended. Dot plots of gold and arsenic are given in Figures 7 and 8.

There is a strong positive correlation between gold and arsenic. The best gold result in soil was 106 ppb with 559 ppm arsenic. There is no correlation between gold and mercury. Gold and arsenic response in soils is fairly weak overall, with background levels for gold near detection levels. The response is restricted to areas of gold and arsenic-bearing float and hydromorphic dispersion of arsenic in the drainage down-stream from the occurrences of float.

TABLE II
TABLE OF FORMATIONS

CENOZOIC

Quartz Feldspar Porphyry

MESOZOIC

Ruby Range Granodiorite: medium-grained equigranular, grey, hornblende biotite granodiorite.

PROTEROZOIC and/or PALEOZOIC

Hornfelsed Schist: dark purplish brown staurolite cordierite biotite hornfels with relict schistose texture.

CHAPTER FOUR: GEOPHYSICS

A ground magnetometer survey using EDA Omni4 units was completed on the property by Amerok Geophysics of Whitehorse, Yukon. A discussion of the survey and results is Appendix IV. There is a rough correlation between north-trending physiographic linears and magnetic breaks. These probably reflect faulting or dyking. The physiographic linears are features only apparent from a distance and represent an approximate location in relationship to the grid. The main mineralized structure does not have a well defined magnetic expression.

Green andesite occurs as scattered float on the central part of the grid. The distinct magnetic response on the property may be a reflection of the presence of andesite.

CHAPTER FIVE: TRENCHING

Three trenches were attempted on the property. Only two reached bedrock. All three were targeted on the main northwest trending mineralized structural break. Each trench targets the structure where mineralized float occurs in a location where near surface bedrock exposure was likely. Each trench is discussed in detail below:

•
Trench 'A':

Target: Several grab samples of mineralized vein material (the best returned 1320 ppb gold) occur in float on the northwest flank of the saddle that defines the northwest extension of the main mineralized structure.

Program: Trenching across the structure failed to reach bedrock. Ten metres of trenching was attempted.

Results: The target was not tested. The trench bottomed in frozen overburden at a depth of 1.5 metres.

Trench 1:

Target: The south facing side of the saddle which defines the western extention of the mineralized structure. This

location provided the best possibility for exposure of the vein in a trench.

Program: Nine metres of trench was completed across the target.

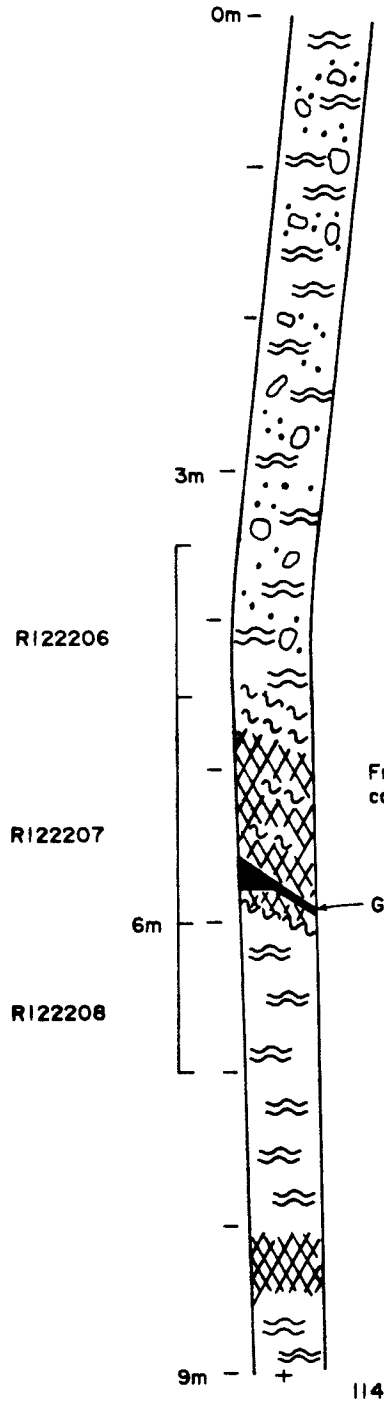
Results: Nine metres of bedrock were exposed. A 1.5 metre wide fault zone consists of grey, cream and red altered decomposed rock and chips of sheared biotite gneiss. On the western edge of this zone, an irregular streak of grey clay (containing very fine-grained disseminated sulphides (?) defines a gouge zone. The orientation of the contacts suggest a north trend. However the float train of vein material the trench was targeted on has a northwest trend. This fault zone returned 2600ppb gold and 5019ppm arsenic over 1.5 metres. No vein material was noted in the trench. Adjacent samples of the wall rock material returned only low values. Details are provided in Figure 4.

Trench 2:

Target: Widespread float of mineralized vein material occurs as cobbles and small boulders in a gully near the valley floor. This area marks the best occurrence of mineralized float on the property.

Program: A trench was attempted across the gully at a location which offered the best opportunity for exposing bedrock. Fourty-five metres of trenching was attempted. Thirty metres of bedrock was exposed.

Results: A weakly mineralized fault zone, consisting of grey, cream and red colored intense alteration containing chips of sheared biotite gneiss, trending roughly east-west was exposed between the 5 and 13 metre mark. The best result was 490ppb gold and 1872ppm arsenic over one metre. No vein material was noted in the fault zone. The northwest extension of the trench did not expose bedrock at a trench depth of three metres. This area may overlie the target vein. It marks the main drainage in the gully. Details aree provided in Figure 5. In conclusion, the trenching program failed to expose a source of the vein material.



LEGEND

GNEISS, Quartzo-Feldspathic, Biotite rich - fresh and limonite - altered

OVERBURDEN: May be Felsenmeer. + soil

0 - 4m — Blocks of variably weathered Gneiss mixed with red soil (completely weathered Gneiss). Trench bottoms on frost.

FAULTING

INTENSE ALTERATION

Frozen fault zone, grey, creame, red Azt'n colours contains chips of sheared Biotite Gneiss.

Grey clay (VFG. DISSEM. SX?)

SAMPLE No.	As ppm	Au*ppb
R122206	65	19
R122206	5019	2600
R122208	204	210

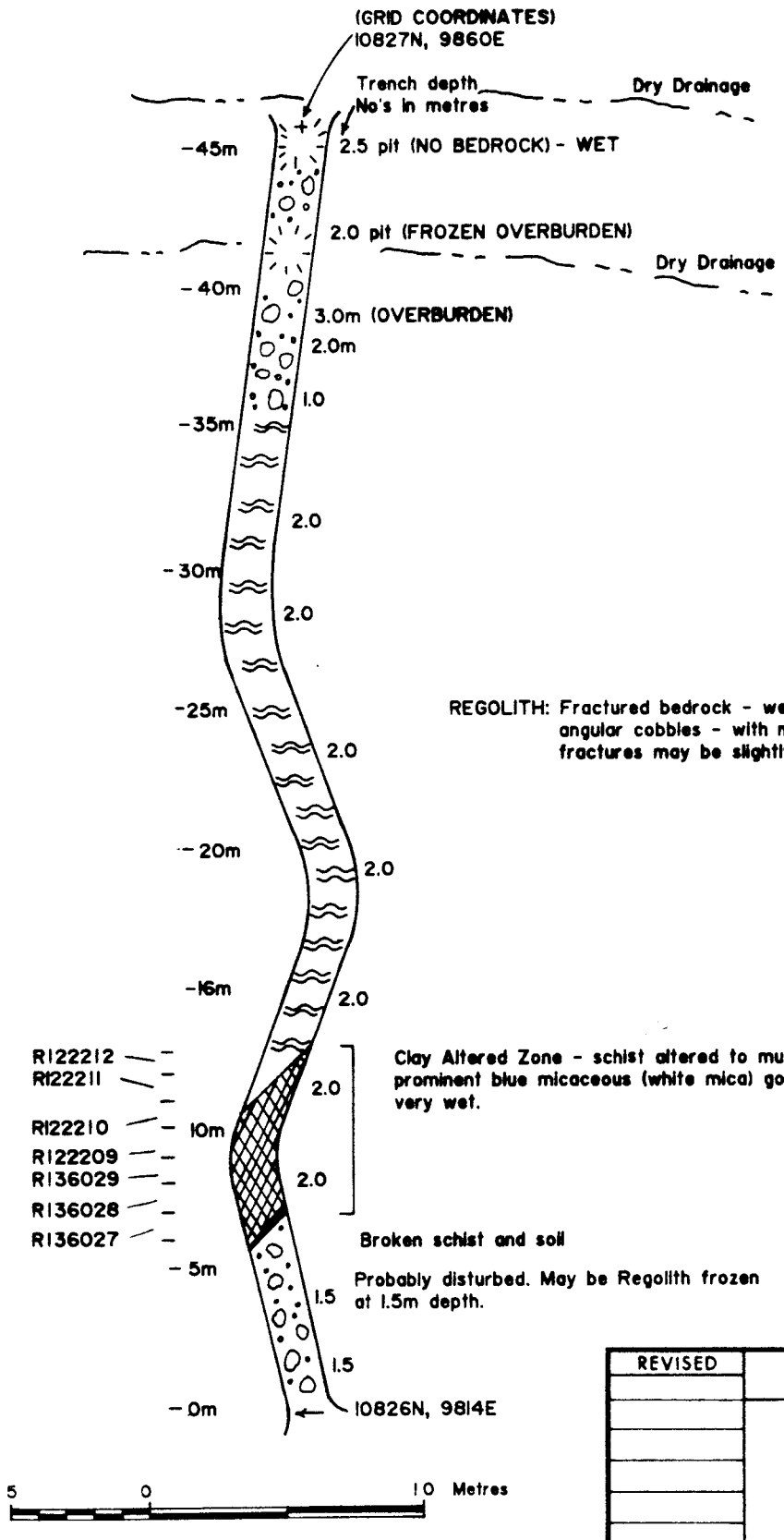
11445N, 9730E

1.0 0.5 0 1.0 2.0 Metres

Average trench depth : 1.3m
(depth to frost)

REVISED	C. C. PROPERTY
	JAN CLAIMS
	TRENCH No. 1
PROJ. No 324	SURVEY BY: D. Heon DATE: DEC. 1990
N.T.S. 115H/5	DRAWN BY: D. Cousins SCALE: 1 : 50
DWG. No. FIGURE 4	NORANDA EXPLORATION
	OFFICE: Whitehorse, Yukon

NCI-774



LEGEND

OVERBURDEN : May be Pelsenmeer. + soil

GNEISS, Quartzo-Feldspathic Biotite rich - fresh and limonite - altered

INTENSE ALTERATION

060° AZ

REGOLITH: Fractured bedrock - well fitting angular blocky boulders and angular cobbles - with micaceous brown soil developed along fractures may be slightly disturbed.

SAMPLE No.	As ppm	Au*ppb
R122209	1872	490
R122210	603	53
R122211	318	66
R122212	73	20
R136027	294	62
R136028	694	162
R136029	545	104

REVISED	C. C. PROPERTY
	JAN CLAIMS
	TRENCH No. 2
PROJ. No. 324	SURVEY BY: D. Heon — DATE: DEC. 1990
N.T.S. 115H/5	DRAWN BY: D. Cousins — SCALE: 1 : 250
DWG. No. FIGURE 5	NORANDA EXPLORATION
	OFFICE: Whitehorse, Yukon

NCI-774

CHAPTER SIX: MINERALIZATION

Mineralization occurs in quartz float. The quartz is fine-grained and sucrosic containing one or two percent (and up to five percnet) arsenopyrite. It is light grey or peach color, commonly limonitic and scorodite stained. The arsenopyrite occurs as very fine-grained disseminations within the quartz. The quartz is typically brecciated with euhedral quartz crystals in vugs. It is distinguishable from unmineralized quartz by its characteristic pink color, association with arsenopyrite, and rusty, vuggy brecciated appearance. Fragments of the metamorphic host rock commonly occur as angular fragments, variably silicified, within the brecciated quartz.

A bedrock source for the veining was not exposed. Faulting believed to be the main control to the mineralization was exposed in two trenches. However no vein material was found in the fault zones.

Near the southeastern edge of the claim block, vein material was exposed in outcrop on a north trending structure immediately adjacent to the main northwest trending structure which appears as the main control for the mineralization on the property. Float over the main north trending structure was not mineralized at this location.

The relationship between the north and northwest trending structures may be an important control over the

distribution of the mineralization. Mineralized quartz veining may be localized near the intersections of the two structural orientations.

CHAPTER SEVEN: CONCLUSIONS AND RECOMMENDATIONS

Mineralization on the Jan claims is related to northwest trending structures. The 1990 work program indicated there was little potential for a bulk-tonnage low grade deposit in the property. The program did not adequately assess the potential for vein-style mineralization.

The intersection between north and northwest trending structures may provide an important control on the distribution of mineralization. The trenching program did not adequately test this possibility.

Further work on the property should focus on understanding the structural controls to the mineralization. A VLF-EM or HLEM survey followed by drill testing of identified structural targets would be appropriate.

Jesse L. Duke
Geologist

LIST OF REFERENCES

Tempelman-Kluit, Dirk. 1973: Map 17-1973: Geology of Aishihik Lake, Yukon Territory. Scale: 1:250,000.

Tempelman-Kluit, Dirk. 1973: Paper 73-41 (to accompany Map 17-1973).

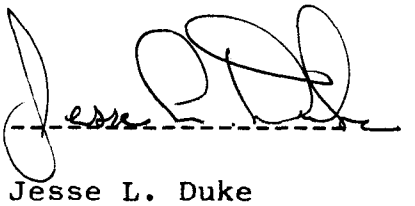
STATEMENT OF COSTS

Labor:	Geologists: 20 days @ $200./day:	$ 4,000.
	Assistants: 40 days @ $150./day:	$ 6,000.
Assays:	772 soil samples @ $20. ea.:	$15,440.
	100 rock samples @ $25. ea.:	2,500.
Trenching:	10 days @ 700./day:	$ 7,000.
Transportation:	20 days truck rental @ $50./day:	$ 1,000.
Office Support:	(report writing, drafting, etc.):	$ 2,000.
	TOTAL:	$37,940.

STATEMENT OF QUALIFICATIONS

I, Jesse L. Duke, of the City of Whitehorse, Yukon do hereby certify that:

1. I have been an employee of Noranda Exploration Company, Limited (no personal liability) in Whitehorse since April, 1988.
2. I am a graduate of the University of Alaska with a B.Sc. in Geology.
3. I have practiced my profession continuously since 1986, primarily in the Yukon Territory.
4. I am a member of the Geological Society of Canada, the Association of Exploration Geochemists, and the Yukon Professional Geoscientists Society.
5. I supervised the work described in this report.



Jesse L. Duke
Project Geologist

APPENDIX I

ROCK SAMPLE REPORTS

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY C.C.

DATE 01/07/90

ROCK SAMPLE REPORT

PROJECT 345

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	PPB G☒ A☐ GOLD	G☐ A☐	PPM G☒ A☐ As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R122031	Qtz-fspar. bot gneiss, rusty w yellow fractures in qtz. Contains pockets of f.g. quartz w fine dark grey mineral (sulphides? graphite?)	?	float		19		39					D.H ↓
R122032	same description: Rusty spots on weathered surface		float		1		7					
R122033	same description		float		2		6					

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY C.C. DATE 02/07/90

ROCK SAMPLE REPORT PROJECT 345

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☐ A☐ Gold PPB	G☐ A☐	G☐ A☐ As PPM	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
? 122033	(← note: mistake? possible 2 samples w same #, one without tag.) rusty quartzo-feldspathic gneiss w green blocky aluminosilicate? contains vfs sulphides or graphite		float		5		2					DH ↓
R 122034	Good Quartz. sugary, massive quartz containing mineralized (?) grey fragments and some euhedral quartz. Some sericite staining.	vfs 1-2%?			4510		8388					
122035	Good Quartz. → Monstroid F.G. qtz containing centimeter-sized sub-angular fragments containing fine grained sulphides (asp.?) fx are lined w euhedral qtz	vfs 1-2%?	float		4120		6460					
122036					3610		5669					
122037 (no fx)					5900		14426					

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY C.C.

DATE 03/07/90

ROCK SAMPLE REPORT

PROJECT 345

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	PPB G☒ A☐ Gold	G☐ A☐	PPM G☒ A☐ As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
122038	Massive, cristalline, vuggy quartz, white, loc rusty, w fx? sulphides (asp?) <1%. Yellowish stainings	<1%	float		370		614					D.H. ↓
122039	Quartz - muscovite (aluminosilc. ?) vein, 3-5cm thick in gneiss. Qtz is white, yellow or rusty, and massive		sub. outcrop		16		36					
122040	small (2-3cm wide) piece of qtz vein. Mostly xtalline cavity fillings, qtz is yellow, white + reddish. - No witness sample		float		63		255					
122041	Bull quartz, massive, white to grey w some orangy fractures.		float		13		15					
122042	(2m from 041) - Pegmatite. C.g. qtz-fspar-musc-elongate biotite		float		13		35					

G = GEOCHEM A = ASSAY

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NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY C.C. DATE 03/07/90

ROCK SAMPLE REPORT PROJECT 345

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☒ A☐ PPB Au	G☐ A☐	G☒ A☐ PPM As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R122043	Grey equigranular (metamorphic) quartz w <5% muscovite and tr. interstitial tourmaline or bot? some rusty spots		float		7		4					D.H ↓
R122044	f-m.g. rusty qtz-rich intrusive. Contains some mica		float		870		619					
R122045	Qtz vein (2-4 cm width), rusty, locally xtalline, within qtzo feldspathic gneiss		float		7		9					
R122046	Bull qtz - white + massive. no witness sample		float		16		10					
R122047	Qtz vein, grey + yellow qtz w 1-2% diss asp. some zones w grey fragments → contain vfg sulphides?	1-2%	float		1630		10162					

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY C.C. DATE 03/07/90

ROCK SAMPLE REPORT

PROJECT 345

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☒ A☐ Gold	G☐ A☐	G☒ A☐ As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
B 122048	Rusty qtz, vuggy, limonitic w dk grey (mineralized) Fx. boulder 50 cm wide, on rock side face.		float		2650		1682					D.H. ↓
B 122049	White + peachy sugary qtz w band containing mineralized (? dk grey) and silicified Rx Fx w py or po <1%	py/po <1%	float		280		2106					
B 122050	White vuggy sugary qtz w sericitic alteration.		float		2070		3199					
B 114734	Qtz w grey + yellowish patches. diss sulph (asp + py ?) 2%	diss 2%	float		2490		7958					

G = GEOCHEM A ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 4/5

PROPERTY C.C. DATE 04/07/90

ROCK SAMPLE REPORT

PROJECT 345

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	PPB G☒ A☐	PPB G☐ A☐	PPM G☒ A☐	PPM G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
					5ppb		.1%					
? 114735	Dirty + white med.gr. metamorphic qtz ~ mica + greenish inclusions and some rusty spots.		float		29		43					D.H. ↓
? 114736	Bull qtz w mica inclusions		float		139		278					
? 114737	Grey, white + rusty granular (metamorphic) qtz (m.g.) w mica inclusions + rusty spots.		float		14		10					
? 122051	Qtz-fspar-biot gneiss, loc. rusty w zones of grey shiny mineral w good cleavage. also vfg diss sulph ? or graphite ?		o/c gneiss		6.		51					
122052	Qtz vein 4-15cm wide. Dirty met. qtz, loc rusty ~ biotite inclusions. Selvages oxidized		o/c slightly disp'd		1		13.					

G - GEOCHEM A - ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY C. C. DATE 04/07/90

ROCK SAMPLE REPORT

PROJECT 345-

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☒ A☐ ppb Gold	G☐ A☐	G☒ A☐ ppm As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R122053	Qtz-fspr. vein (3-5cm) containing clots of euhedral tourmaline + qtz. in fg. qtz-musc int.		float		15		42					D. H. ↓
R122054			float		5		4					
R122055	Rusty sugary qtz w some vugs lined w fine xtals. diss py +asp? ≤1%	≤1%	float		600		342					
R122056	Sugary, white, yellowish + greenish qtz w diss py + asp ≤1%. w one side of sample vuggy + lined w rusty qtz xtals.		float		1620		1800					
R122057	rusty sugary qtz w vugs lined w xtalline qtz, w gneissic fx		float		820		503					
R122058	Sugary peach+yellow qtz w lithic fx diss sulp 4%	<1%	float		1190		673					
R122059	White, grey + green sugary qtz w diss sulp (asp?) 1-2% + flat vugs lined w qtz xtals.		float		1030		1732					

G GEOCHEM A ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY C.C. DATE 5/07/90

ROCK SAMPLE REPORT

PROJECT 345

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☒ A☐ Gold (ppb)	G☐ A☐	G☒ A☐ As (ppm)	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R122060	Generally rusty qtz. w zones of xtalline qtz covered w rusty coating, x-cut by sand (or contains) white qtz.		float		33		213					D.H. ↓
R122061	F.g. xtalline qtz covered by rusty coatings		float		1240		463					
R122062	Massive sugary qtz. white to yellow to peach w some tiny vugs + xtals of qtz.		float		350		636					
R122063	massive, sugary brownish yellowish + white qtz w some small vugs lined w qtz xtals + dk grey patches containing diss sulphides (py (+asp ?) <1%	<1%	float		1320		4768					
R122064	smokey white + rusty qtz w met 'texture, w musc + biot incl. <5% · no witness sample.		float		15		21					

G GEOCHEM A ASSAY

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NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY C.C. DATE 5/07/90

ROCK SAMPLE REPORT

PROJECT 345

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	ppb G☒ A☐ Gold	G☐ A☐	ppm G☒ A☐ As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R122065	Bull qtz (loc. clear+grey) w host m.g. granitic material (qtz-fspar-musc-tourm)		float		8		20					D.H. ↓
R122066	sampled by Nathalie End of line 106 Grey to white bull quartz w <5% muscovite		float		30.		141					

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY C.C. DATE 6/07/90

ROCK SAMPLE REPORT PROJECT 345

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☒ A☐ Gold (ppb)	G☐ A☐	G☒ A☐ As (ppm)	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R122067	peachy coloured sugary qtz w zones of small euhedral xtals + local limonitic coating + infilling.		float		310		687					
R122068	vein(?) of qtz-fspar-green pxn-sphene (2%) w zones of grey scratchable material containing vfg diss sulphides (po ?). <1%	<1%	float		4		3					
R122069	injection breccia? White quartz containing xtals and/or cm-sized fx of pale green material + <1% sphene. rusty spots.		float		7		9					
R122070	Gabbro-diorite (qtz-diorite?) (m.g. pxn + qtz/fspar) w <1% po mt. Cut by rusty qtz vein that contains tr cp.		float		7		2					

G = GEOCHEM A = ASSAY

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NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY C.C.

DATE 6/07/90

ROCK SAMPLE REPORT

PROJECT 345

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	ppb: G☒ A☐ Gold	G☐ A☐	ppm G☒ A☐ Ag	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R122071	euhedral vfs to mg qtz coated w rusty limonite coating, cut by .5cm white qtz vein.		float		20		64					
R122072	Sugary white + peachy qtz w zone of grey material (Fx?) containing f.g. diss sulphides and band of oxidized - limonitic material. some euhedral qtz. sulphides 1%	1%			710		1150					
R122073	sugary qtz - grey, green + orange w vugs lined w euhedral qtz + grey bands that contain diss. sulphides concentric // to vugs ~ 1-2%. some scorodite staining		float		2920		4528					
R122074	Banded Qtz vein w bands of rusty + white qtz - some euhedral (⊥ to band) + layers of f.g. grey material containing 1-2% of diss asp + py	1-2% asp/py	float		3960		5012					← neo-o/c encrustation

G GEOCHEM A ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY C.C.

DATE 7/07/90

ROCK SAMPLE REPORT

PROJECT 345

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☒ A☐ ppb Gold	G☐ A☐	G☒ A☐ ppm As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R122075	Grey + white qtz coated w oxidized (limonitic) material		float neo c/c		9		26					
R138476	Interm-mafic intrusive ? c.g. pxn-plag-qtz cut by thin mafic veinings. contains diss po ≤1%	~1%			32		42					

G - GEOCHEM A - ASSAY

NORANDA EXPLORAT COMPANY, LIMITED

N.T.S. 115 H/5-

PROPERTY C.C. DATE 8/07/90

ROCK SAMPLE REPORT

PROJECT 345-

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☒ A☐ ppb Gold	G☒ A☐ ppm Au	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
R138453	sampled by Bill Burton Gr ___ vein of white + rusty qtz + musc.				52	<5						D.H.
R138477	Biot-qtz gneiss (host Rx) w Fx of more qtz-rich material		chip	40cm	15	9						
R138478	White + rusty qtz vein w mineralized Fx + some vugs + euhedral qtz. V.f.g. sulphides (in Fx): .5-2% average ≤1%. also diss po in mafic or Fx zones ≤1%.	≤1%	chip	34cm	3750	4627						
R138479	White + rusty qtz, generally more massive than previous sample (contains some gneissic Fx but not or less mineralized		chip	70cm	350	227						
R138480	Mafic intrusive or gneiss. Musc-biot-qtz-green material. Some zones show Fxtal appearance. sample contains decomposed Rx.		chip	1.0m	16	34						

VEIN (90°)

TRENCH

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115H/5

PROPERTY CC

DATE July 2/90

PROJECT 345

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	ppb G☒ A☐ Gold	G☐ A☐	ppm G☒ A☐ As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
14730	Qtz float. <5% arseno in grey amorphous Qtz. Some xtals to 1/2 cm long (Qtz lust in)	5%	Float		>340		20>35					Gernot W.

G = GEOCHEM A = ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115H/15

PROPERTY CC

DATE July 3/90

PROJECT 345

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	ppb G☒ A☐ Gold	G☐ A☐	ppm G☒ A☐ As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
14731	Qtz boulder ± 2' x 1' x 1'. Probable width of whole vein. Rusty with shearing texture in places. Has clasts of finer grained grey qtz containing sulphides to ≤ 2%. Also contains clasts of light grey altd. rock.	2%	Float		4430		9681					Sennat. W.
14732	Qtz boulder ± 3' x 1½' x 1'. Brecciated qtz, rusty with yellow staining, ≈ 1% pyrite and arseno in dark grey fine grained qtz. Vugs are lined w small qtz xtals to 1mm in length.	1%	Float		3340		4088					
14733	Qtz boulder float a 1½ x 1½ x 1½' Very hard, rusty to dull red color, very dense. Brecciated on one side and contains the odd clast of dark grey qtz w 1% sulphides	1%	Float		1310		951					

G GEOCHEM A ASSAY

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H 15

PROPERTY CC

DATE July 3/90

PROJECT 345

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	ppb G☒ A☐ Gold	G☐ A☐	ppm G☒ A☐ As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
147738	Qtz boulder ~ 4'x3'x2'. Brecciated rusty qtz with grey siliceous clasts containing sulphides to 5% of clasts. 1% of overall rock : chipped across 2 ft of rock	1%	Float		2210		3371					Gerstl
147739	Small boulder of qtz ~ 12"x6"x6". Very hard, grey amorphous w 1% sulphides in blebs	1%	Float		920		4135					
147740	Brecciated qtz w dark grey frags containing sulphides to 3% and some clay altd. frags w fuchsite	3%	Float		2310		3325					

G = GEOCHEM A = ASSAY

G6/12

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY CC

DATE July 4/90

PROJECT 345

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	ppb G☒ A☐ Gold	G☐ A☐	ppm G☒ A☐ As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
14746	Very rusty boulder of biot, qtz gneiss ~0.5%		Float		5		4					Bernat W
14747	Float of granitic intrusive assoc w bull qtz vein on one side. Qtz 20% feldsp 60% musc 5% and tourmaline < 1%		Float		3		30					
14748	Qtz float, white, opaque		Float		6		15					
14749	Very abundant qtz float, rusty w (2 stals to 2cm long & blebs of fine grained sulphides to 5%	~5%	Float		370		1941					
14750	Rusty Qtz float, brecciated w pods of grey qtz containing 5% sulphides ~4% of total rock	1%	Float		2459		340					
14751					2816		360					
14752	white granitic intrusive				2 2816		9 360					

G - GEOCHEM A ASSAY

6 7/12

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY CC

DATE July 5/90

PROJECT 345

ROCK SAMPLE REPORT

AMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	ppb G☒ A☐ Gold	G☐ A☐	ppm G☒ A☐ Ag	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
14753	Rusty Qtz felds biot gneiss. Grab sample.		Grab		1		6					Gervet D.
14754	White pegmatitic dyke containing qtz, felds, musc biotite and tourmaline		Float		6		19					
14755	Qtz felds biot gneiss Float in main gulley next to spraypaint on rock.		Float		3		10					
14756	O.C of same in sample # 14755. Foliation 040/45S		Grab		2		2					
14757	White amorphous qtz Float		Float		4		4					
14758	Solitary Qtz boulder containing 5% bands of dark grey which host finely disseminated sulphides including arseno ≈ 5% of boulder	5%	Float		2260		7387					

G = GEOCHEM A = ASSAY

G 8/12

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY CC

DATE July 5/90

PROJECT 345

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	ppb G☒ A☐ Gold	G☐ A☐	ppm G☒ A☐ As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
14759	Qtz float w grey pods containing 2% arsenic	2%	Float		1220		1885					Sent. W.
4760	Rusty gneiss boulder		Float		3		30					
14761	Very rusty float of gneiss contains biot, qtz, feldsp, + dirty qtz lenses. Graphite and/or sulphides finely disseminated in lenses.		Float		2		2					

G GEOCHEM A ASSAY

G 9/12

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY CC

DATE July 6/90

PROJECT 345

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	ppb G☒ A☐ Gold	G☐ A☐	ppm G☒ A☐ As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
14762	Very rusty boulder of qtz biot felds gneiss. Subcrop?		Float		6		21					Sesmat W.
14763	white pegmatitic granitic intrusive containing musc, qtz, & feldsp. Qtz is amorphous and crystalline Graphic texture in places		Float		9		6					
14764	Rusty biot, qtz feldsp gneiss		Float		2		4					

G = GEOCHEM A = ASSAY

G 10/12

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115H/5

PROPERTY CC

DATE July 7/90

PROJECT 5435

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☒ A☐ ppb Gold	G☐ A☐	G☒ A☐ ppm As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
14765	Rusty Qtz float just below O.C. in trench contains 2cm grey bands of Qtz in 1% arsen	1%	Grab		2120		4611					Gerrard
14766	5m west of #65. Same as #65 except has large (2cm diam) clasts of bleached rock within. Arsen in grey pods to 3%	3%	Grab		2130		4089					
14767	Grey/green intrusive slightly calcic with 30% 15% qtz 10% feldsp 40% Rusty brown weather surface. Contains 2% arsen	2%	Float		6		6					
14768	More rusty qtz in pods of grey sulphides	1%	Float		1010		1512					
14769	Dark grey/green rusty siliceous intrusive cryptocrystalline + vein pyrrhotite (5% rock)	5%	Float		270		19					

G = GEOCHEM A = ASSAY

G 14/12

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY CC

DATE July 8/90

PROJECT 545

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☒ A☐ ppb Gold	G☐ A☐	G☒ A☐ ppm As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
4770	Rusty gneiss w biot, qtz, felds and <1% arsen.	1%	Float		11		15					Bennett
14771	Rusty Qtz, bi, feldsp gneiss on talus fan		Float		2		3					
14772	Qtz felds, biot, garnet gneiss ~40% biot, 3% gas blue tinge to rock		Float		1		7					
14773	Rusty bi Qtz felds gneiss w pyrite + calco to <1%	<1%	Float		12		2					
14774	Qtz felds biot gneiss w 5% pyrrhotite and traces calco. Also 5% diopside. Rusty weather surface w orange fresh		Float		5		2					

PTO

G GEOCHEM A ASSAY

G 17/2

NORANDA EXPLORATION COMPANY, LIMITED

N.T.S. 115 H/5

PROPERTY CC

DATE July 8/90

PROJECT 345

ROCK SAMPLE REPORT

SAMPLE NO.	LOCATION & DESCRIPTION	% SULPHIDES	TYPE	WIDTH	G☒ A☐ ppb Gold	G☐ A☐	G☒ A☐ ppm As	G☐ A☐	G☐ A☐	G☐ A☐	G☐ A☐	SAMPLED BY
14775	Carbonate rock w qtz (30%) and Diopside (10%) and sphene (5%). Coarsly xtaline rock white w green diopside and brown sphene on both fresh & weathered surface.		Float		2		10					Ben & W.
14776	Dark grey/green very siliceous rock w rusty weather surface. Has 5 to 10% arsen. dissem. throughout Rock contains alot of mafic minerals. Float.	5%	Float		9		2					

G GEOCHEM A ASSAY

APPENDIX II

ROCK AND TRENCH RESULTS

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

CC (GD)

DATE RECEIVED: AUG 16 1990

DATE REPORT MAILED: Aug 23/90.

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9008-070 345 FILE # 90-3567

P.O. Box 2380, 1050 Davie, Vancouver BC V6B 3T5

CC TRENCHING RESULTS

SAMPLE#	As ppm	Au* ppb	
122206	65	19	TR-1
122207	5019	2600	
122208	204	210	
122209	1872	490	
122210	603	53	
122211	318	66	TR-2
122212	73	20	
136027	294	62	
136028	694	162	
136029	545	104	
STANDARD C	40	-	

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

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

ACME ANA[illegible]CAL LABORATORIES LTD. 852 E. HASTINGS ST. V[illegible]UVER B.C. V6A 1R6 PHONE(604)253-3158 FAX([illegible])253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9007-035 345 File # 90-2444 Page 1

P.O. Box 2380, 1050 Davie St., Vancouver BC V6B 3T5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
R 114726	4	66	14	88	.1	42	12	427	5.06	2	5	ND	2	13	1.3	2	4	159	.25	.087	6	122	1.23	455	.45	2	3.71	.05	1.29	1	3	5
R 114727	4	13	3	2	.5	12	2	29	1.82	12209	5	7	1	8	.2	182	2	2	.01	.003	2	13	.01	38	.01	3	.06	.01	.03	1	5660	5
R 114729	3	93	2	103	.1	81	21	487	5.99	2	5	ND	2	17	1.5	2	4	206	.12	.034	6	152	1.36	625	.50	2	4.16	.06	1.47	1	8	5
R 114730	1	24	8	4	.3	7	2	32	3.23	20735	5	9	1	9	.2	235	2	2	.03	.005	2	6	.01	52	.01	2	.09	.01	.03	1	7340	5
R 114731	3	11	9	39	.1	38	6	103	2.10	9687	5	6	1	170	.2	70	2	8	.09	.028	8	38	.10	114	.01	2	.40	.01	.10	1	4480	5
R 114732	3	17	9	2	1.8	9	1	26	.99	4788	6	4	1	30	.2	37	2	2	.02	.007	2	11	.01	17	.01	4	.13	.01	.06	1	3340	5
R 114733	4	8	8	10	1.2	15	3	105	.93	951	5	2	1	3	.2	69	2	3	.02	.004	2	14	.01	23	.01	2	.07	.01	.02	1	1310	5
R 114734	1	19	8	16	2.1	11	3	63	2.16	7958	5	3	1	4	.2	66	2	7	.06	.025	4	10	.07	36	.01	2	.37	.01	.10	1	2490	5
R 114735	3	5	7	4	.1	10	1	78	.45	43	5	ND	1	2	.2	2	2	1	.02	.005	2	9	.06	15	.01	4	.14	.01	.03	1	29	5
R 114736	4	7	4	5	.1	12	1	81	.72	278	5	ND	2	3	.2	2	2	1	.01	.004	2	13	.03	4	.01	2	.20	.01	.07	1	139	5
R 114737	3	8	9	6	.1	13	2	100	.54	10	5	ND	1	4	.2	2	2	3	.04	.009	2	14	.09	40	.01	7	.26	.03	.04	1	14	5
R 114738	1	12	2	20	.7	11	4	106	1.58	3871	5	3	1	16	.2	57	2	2	.03	.006	2	9	.02	45	.01	2	.14	.01	.05	1	2210	5
R 114739	3	135	104	19	42.2	13	1	56	.97	4105	5	ND	1	3	.2	149	2	1	.01	.002	2	13	.01	50	.01	2	.06	.01	.03	1	920	40
R 114740	3	10	11	9	1.5	7	2	44	1.18	3325	5	3	1	30	.2	57	2	2	.03	.003	2	9	.01	36	.01	2	.12	.01	.07	1	2310	5
R 114741	1	10	2	24	.2	13	5	111	1.36	13	5	ND	1	3	.2	4	2	48	.05	.017	2	37	.30	118	.14	2	.69	.01	.14	1	7	20
R 114742	2	61	5	120	.1	55	13	443	5.38	57	5	ND	2	10	1.8	2	2	189	.17	.060	7	142	1.23	541	.52	2	3.95	.06	1.62	2	20	10
R 114743	4	8	3	3	.1	14	1	67	.40	18	5	ND	1	1	.2	2	2	1	.02	.008	2	11	.02	6	.01	5	.05	.01	.02	1	9	5
R 114744	2	44	5	98	.1	50	14	461	4.76	81	5	ND	2	12	1.6	2	4	138	.22	.075	6	109	1.14	441	.39	2	3.45	.07	1.19	1	41	10
R 114745	4	21	19	20	.3	13	1	92	.54	10	5	ND	1	4	.2	2	2	2	.07	.022	2	11	.02	25	.01	5	.24	.05	.12	1	12	5
R 114746	1	41	14	105	.1	35	13	475	5.36	4	5	ND	2	9	1.5	2	2	161	.17	.064	6	118	1.30	432	.42	2	3.54	.05	1.23	1	5	5
R 114747	2	9	15	6	.1	12	1	44	.42	30	5	ND	1	3	.2	2	2	1	.08	.027	3	8	.01	25	.01	2	.27	.04	.10	1	3	5
R 114748	5	6	6	1	.1	12	1	46	.38	15	5	ND	1	1	.2	2	2	1	.01	.003	2	14	.01	5	.01	3	.04	.01	.01	1	6	5
R 114749	4	39	5	6	1.0	10	4	106	1.58	1941	5	ND	1	8	.2	9	2	8	.02	.020	4	19	.04	78	.01	2	.24	.01	.10	1	390	5
R 114750	1	23	12	9	.8	7	1	65	1.27	2459	5	ND	1	6	.2	16	4	3	.01	.008	2	7	.01	69	.01	2	.09	.01	.05	1	340	5
R 114751	4	29	22	11	1.1	47	1	53	1.34	2816	5	ND	1	9	.2	23	2	3	.01	.009	2	78	.01	46	.01	3	.10	.01	.07	1	360	5
R 114752	3	9	15	44	.1	8	3	234	1.74	9	6	ND	17	8	.2	2	2	11	.13	.032	20	10	.29	89	.05	2	.84	.05	.15	2	2	5
R 114753	2	46	6	118	.1	42	11	550	5.33	6	5	ND	1	10	1.0	2	2	134	.18	.062	5	112	1.56	472	.31	2	3.24	.04	1.08	1	1	5
R 114754	1	11	16	11	.1	7	2	242	.87	19	5	ND	1	7	.2	2	2	2	.12	.041	3	6	.06	46	.01	10	.39	.06	.13	1	6	5
R 114755	2	60	7	103	.1	50	13	348	4.42	10	5	ND	1	18	1.5	2	7	126	.30	.101	5	98	1.05	413	.38	2	2.93	.07	1.17	1	3	5
R 114756	3	61	7	115	.1	43	14	403	5.24	2	5	ND	2	16	1.5	2	2	173	.21	.073	6	128	1.19	477	.46	4	3.55	.06	1.40	2	2	5
R 114757	4	6	4	2	.1	13	1	38	.39	4	5	ND	1	1	.2	2	4	1	.01	.001	2	11	.01	6	.01	2	.03	.01	.01	1	4	5
R 114758	1	35	12	3	.4	6	1	40	1.32	7337	5	3	1	3	.2	90	3	1	.01	.008	2	5	.01	26	.01	2	.04	.01	.03	1	2260	5
R 114759	3	12	205	4	3.0	11	1	49	1.23	1885	5	2	1	6	.2	47	2	5	.02	.004	2	12	.01	132	.01	2	.08	.01	.03	1	1220	5
R 114760	3	47	11	88	.1	33	11	429	4.31	30	5	ND	2	10	.8	2	5	124	.22	.076	6	92	1.08	298	.31	5	2.91	.05	1.00	2	8	10
R 114761	4	89	18	99	.2	38	12	435	4.85	2	5	ND	2	13	2.1	2	2	155	.19	.064	6	116	1.10	561	.42	5	3.02	.06	1.26	2	2	5
R 114762	1	54	3	114	.1	40	13	426	5.08	21	5	ND	1	9	.8	2	3	170	.22	.082	5	123	1.18	464	.49	2	3.47	.06	1.52	1	6	5
STANDARD C/AU-R	19	61	42	132	7.3	70	29	1030	4.17	41	18	7	38	52	18.5	16	21	58	.54	.091	39	60	.94	182	.08	38	1.98	.06	.13	11	490	1600

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

DATE RECEIVED: JUL 11 1990 DATE REPORT MAILED: July 16/90 SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
R 114763	3	55	10	14	.2	10	1	247	.52	6	5	ND	1	4	.2	2	2	1	.12	.030	2	8	.03	138	.01	7	.20	.02	.05	2	9	5
R 114764	2	89	12	115	.1	30	13	377	4.74	4	5	ND	1	9	1.3	2	2	126	.13	.040	4	115	1.27	485	.42	6	2.82	.04	1.03	1	2 *	5
R 114765	3	58	7	14	4.2	11	2	34	1.90	4617	5	3	1	7	.2	74	4	2	.07	.004	2	10	.01	134	.01	5	.12	.01	.05	1	2720	5
R 114766	3	51	17	11	5.2	13	2	60	1.47	4089	5	2	1	10	.3	75	2	1	.26	.005	2	10	.01	73	.01	8	.10	.01	.05	1	2130	5
R 114767	2	38	7	88	.2	11	12	625	3.86	6	5	ND	2	121	.5	2	6	41	2.71	.155	11	14	1.12	373	.15	2	1.71	.07	.31	2	6	5
R 114768	2	9	2	4	.2	5	1	68	1.05	1512	5	ND	1	5	.2	25	2	2	.06	.002	2	7	.01	68	.01	4	.05	.01	.01	1	1010	5
R 114769	13	16	7	105	.8	9	8	960	3.96	19	5	ND	5	168	1.4	3	2	7	8.94	.025	3	14	.19	37	.03	5	2.62	.07	.02	654	370	5
R 114770	3	219	2	27	.2	179	37	105	2.36	15	5	ND	1	261	.7	2	3	107	3.01	.069	4	344	1.23	215	.12	3	5.49	.35	.40	6	11 *	5
R 114771	2	65	11	112	.2	56	14	381	4.12	3	5	ND	2	12	1.3	2	2	133	.22	.073	5	115	.99	510	.38	3	2.91	.05	.99	3	2 *	5
R 114772	1	18	15	110	.1	67	17	443	4.26	7	5	ND	2	17	2.0	2	4	145	.15	.020	5	119	1.17	639	.35	2	3.12	.05	1.02	3	1	5
R 114773	132	625	6	26	1.2	231	47	79	6.01	2	5	ND	3	131	1.6	2	2	35	1.56	.120	9	15	.22	36	.05	3	1.97	.25	.04	1	12	5
R 114774	3	335	4	27	.4	63	22	191	3.54	2	5	ND	12	30	.9	2	3	34	.71	.129	44	39	.32	65	.13	2	.68	.04	.12	16	5	5
R 114775	1	10	14	12	.2	1	1	274	.38	10	7	ND	5	1197	.7	4	2	2	21.51	.023	8	3	.03	28	.02	15	5.67	.11	.02	1	2	5
R 114776	1	448	20	47	3.0	35	36	102	3.94	2	5	ND	6	555	3.1	2	2	6	6.13	.033	18	14	.07	52	.07	5	9.65	.38	.04	6	9	5
R 122031	3	55	8	116	.1	45	14	454	4.70	39	5	ND	1	9	1.3	2	2	130	.22	.077	6	129	1.42	683	.41	2	3.39	.05	1.30	2	19 *	5
R 122032	3	74	3	119	.1	65	17	435	5.14	7	5	ND	2	14	3.0	2	2	177	.25	.093	7	134	1.23	526	.49	2	3.69	.05	1.38	1	1 *	5
R 122033	2	75	20	117	.1	60	16	438	5.31	6	5	ND	1	16	1.8	2	2	154	.30	.112	5	119	1.26	485	.44	2	3.71	.04	1.26	2	2 *	5
R 122033 EXTRA	1	56	8	120	.1	28	13	474	5.12	2	5	ND	1	12	2.4	2	2	147	.19	.043	4	143	2.03	843	.41	2	3.39	.07	1.50	1	5 *	5
R 122034	4	14	4	2	.3	15	2	47	1.67	8388	5	5	1	8	.2	121	2	2	.03	.005	2	14	.01	64	.01	4	.09	.01	.04	1	4510	5
R 122035	4	12	3	5	.2	15	2	65	1.66	6460	5	4	1	17	.2	99	5	3	.02	.007	2	15	.01	55	.01	4	.12	.01	.04	1	4120	5
R 122036	5	13	2	8	3.1	17	2	39	1.45	5669	5	4	1	18	.2	71	2	3	.02	.001	2	13	.02	99	.01	2	.13	.01	.05	1	3610	5
R 122037	1	9	3	8	.3	9	2	49	2.35	14426	5	7	1	16	.2	177	2	3	.02	.003	2	7	.03	57	.01	4	.16	.01	.05	1	5900	5
R 122038	5	7	2	2	.1	15	1	54	1.44	614	5	ND	1	7	.2	5	2	2	.01	.005	2	15	.01	67	.01	2	.08	.01	.04	2	370	5
R 122039	4	18	2	32	.2	21	5	222	2.23	36	5	ND	2	5	.3	2	2	32	.08	.026	5	39	.56	44	.01	3	1.08	.02	.10	1	16 *	5
R 122040	3	16	3	30	.2	15	3	237	3.28	255	5	ND	1	3	.2	6	2	5	.03	.024	4	12	.01	28	.01	5	.15	.01	.06	1	63	5
R 122041	5	8	2	1	.1	15	1	38	.42	15	5	ND	1	1	.2	2	2	1	.01	.001	2	14	.01	4	.01	6	.01	.01	.01	1	13	5
R 122042	1	11	12	12	.1	3	2	213	.85	35	5	ND	1	8	.2	2	4	1	.07	.025	3	4	.05	32	.01	2	.37	.04	.08	1	13	5
R 122043	3	12	2	5	.1	9	2	123	.48	4	5	ND	1	3	.2	2	2	1	.08	.025	2	9	.06	16	.01	2	.17	.01	.05	1	7	5
R 122044	4	15	7	22	3.0	8	2	65	1.57	619	5	ND	5	8	.2	17	2	2	.03	.015	12	10	.01	85	.01	2	.29	.01	.13	2	870	5
R 122045	4	22	2	31	.1	27	5	196	1.62	9	5	ND	1	4	.2	2	2	34	.09	.030	2	39	.36	123	.10	3	1.03	.02	.26	2	7	5
R 122046	1	5	2	2	.1	4	1	51	.44	10	5	ND	1	1	.2	2	2	1	.04	.013	2	6	.01	4	.01	2	.05	.02	.01	1	16	5
R 122047	3	13	9	11	.7	13	2	42	2.30	10162	5	2	1	10	.2	69	2	12	.06	.037	4	17	.08	52	.01	2	.42	.01	.09	2	1630	5
R 122048	5	12	2	12	.3	16	1	54	1.21	1682	5	3	1	6	.4	56	2	1	.02	.004	2	14	.01	17	.01	2	.08	.01	.02	1	2650	5
R 122049	4	8	11	5	.3	14	1	47	.97	2106	5	ND	1	12	.2	24	2	2	.04	.003	3	14	.01	72	.01	2	.16	.01	.07	2	280 *	5
R 122050	1	16	8	22	2.4	10	2	58	1.79	8199	5	3	1	69	.2	43	2	4	.03	.013	5	17	.02	91	.01	2	.17	.01	.11	1	2070	5
R 122051	3	51	2	116	.1	47	14	508	4.95	51	5	ND	2	12	1.0	2	2	154	.23	.076	6	123	1.24	484	.45	3	3.36	.05	1.25	1	6 *	5
STANDARD C/AU-R	17	57	38	131	7.2	68	31	1029	3.82	41	18	7	36	50	18.1	16	18	56	.52	.093	37	58	.91	176	.08	32	1.89	.06	.14	11	490	1400

* Samples contain graphite, fire assay Au recommended.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
R 122052	4	8	4	8	.1	15	2	185	.70	13	5	ND	1	6	.3	2	2	7	.19	.063	2	17	.09	29	.02	2	.29	.01	.08	1	1	5
R 122053	1	4	8	15	.1	6	2	167	.77	42	5	ND	1	9	.3	2	2	2	.12	.038	4	5	.09	47	.01	3	.40	.03	.14	1	15	5
R 122054	2	10	10	26	.1	19	4	236	1.37	4	5	ND	1	8	.2	2	2	22	.16	.057	3	22	.30	124	.05	5	.81	.03	.32	1	5	5
R 122055	4	6	2	6	.3	13	1	34	.83	842	5	ND	1	4	.2	21	3	4	.01	.005	2	11	.01	103	.01	2	.08	.01	.03	1	600	5
R 122056	4	13	32	7	1.2	13	1	50	1.38	1800	5	ND	1	6	.2	1261	3	4	.01	.007	2	13	.01	145	.01	2	.07	.01	.03	1	1620	5
R 122057	2	6	3	6	1.1	5	1	40	.88	503	5	ND	1	2	.2	25	3	4	.01	.003	2	6	.01	16	.01	2	.07	.01	.04	1	820	5
R 122058	3	9	2	4	1.1	9	1	46	.84	673	5	ND	1	3	.2	725	2	2	.01	.003	2	10	.01	61	.01	4	.08	.01	.04	1	1190	5
R 122059	4	4	2	4	.3	11	1	32	1.16	1732	5	ND	1	2	.2	30	2	2	.01	.002	2	11	.01	94	.01	2	.02	.01	.01	1	1030	5
R 122060	3	2	2	2	.1	10	1	32	.38	213	5	ND	1	1	.2	18	2	1	.01	.001	2	8	.01	2	.01	2	.01	.01	.01	1	33	5
R 122061	1	18	13	30	1.0	19	6	370	1.71	463	5	ND	1	3	.2	54	6	6	.04	.010	2	7	.10	35	.01	2	.25	.01	.03	1	1240	5
R 122062	3	10	20	40	.4	28	10	1632	2.79	636	5	ND	1	4	.2	47	2	9	.03	.016	2	6	.04	87	.01	3	.16	.01	.03	1	350	5
R 122063	2	4	3	3	.2	9	1	49	1.63	4768	5	ND	1	4	.2	46	2	1	.01	.001	2	8	.01	58	.01	2	.02	.01	.03	1	1320	5
R 122064	4	22	5	29	.1	17	4	251	1.92	21	5	ND	1	11	.3	2	6	37	.11	.039	3	36	.39	209	.10	3	.97	.04	.37	1	15	5
R 122065	4	6	2	4	.1	14	1	42	.42	20	5	ND	1	1	.2	2	3	1	.01	.004	2	11	.01	5	.01	9	.05	.01	.02	1	8	5
R 122066	4	6	2	4	.1	11	1	77	.40	141	5	ND	1	1	.2	2	2	1	.01	.005	2	10	.01	9	.01	2	.06	.01	.03	1	36	5
R 122067	3	5	18	12	.1	12	1	105	1.18	687	5	ND	1	6	.2	21	2	7	.03	.003	2	10	.01	12	.01	3	.06	.01	.02	1	310	5
R 122068	4	18	2	30	.1	42	6	261	1.47	8	5	ND	10	95	.2	2	2	16	2.35	.059	19	63	.40	33	.06	3	.70	.10	.04	1	4	5
R 122069	1	28	8	23	.1	6	2	146	.63	9	5	ND	5	179	.3	2	2	1	3.34	.300	18	1	.50	42	.01	10	2.92	.14	.03	1	7	5
R 122070	3	260	16	17	.2	9	4	111	1.49	2	5	ND	5	538	.2	2	2	2	2.97	.013	10	6	.05	75	.03	6	4.50	.26	.03	1	7	5
R 122071	3	4	9	9	.2	9	1	356	.72	64	5	ND	1	83	.2	2	2	2	2.02	.013	2	8	.08	63	.01	2	.10	.01	.04	1	20	5
R 122072	3	37	30	7	.3	10	1	66	.66	1157	5	ND	1	5	.2	18	2	1	.07	.004	2	9	.01	40	.01	2	.05	.01	.03	1	710	5
R 122073	1	14	2	6	.2	7	2	163	1.90	4528	5	3	1	22	.2	72	2	1	.41	.005	2	6	.06	47	.01	2	.07	.01	.04	1	2980	5
R 122074	4	21	18	16	3.2	12	3	84	2.34	5012	5	4	1	9	.2	86	2	1	.08	.004	2	12	.01	41	.01	8	.11	.01	.06	2	3960	5
R 122075	3	2	2	23	.1	10	4	570	1.82	26	5	ND	2	30	.2	3	2	6	3.11	.029	5	10	.13	53	.01	3	.30	.02	.07	1	9	5
R 128453	4	15	21	82	.1	34	9	588	3.77	65	5	ND	3	10	.2	2	2	50	.31	.061	7	55	1.11	59	.01	2	2.00	.03	.10	1	53	5
R 138476	1	44	2	43	.2	12	6	417	1.98	42	5	ND	5	184	.2	2	2	10	3.01	.178	21	14	.44	65	.01	8	.76	.09	.04	1	32	5
R 138477	3	57	2	109	.1	30	12	404	4.52	9	5	ND	3	32	.8	2	2	57	.45	.050	9	63	1.17	629	.35	2	1.83	.06	.96	1	15	5
R 138478	3	92	28	28	30.1	15	4	109	2.02	4627	5	3	1	12	.2	113	2	3	.18	.024	4	11	.04	76	.01	5	.23	.01	.11	1	3750	30
R 138479	3	9	15	18	.4	11	1	146	.70	220	5	ND	1	4	.2	10	2	2	.05	.006	2	10	.03	32	.01	2	.13	.01	.06	1	350	5
R 138480	1	57	9	125	.1	43	15	567	4.68	34	5	ND	3	242	.8	9	2	45	5.07	.037	8	64	1.29	93	.01	5	1.94	.02	.15	1	16	20
STANDARD C/AU-R	18	58	40	132	7.2	70	29	1023	4.11	39	17	6	37	52	18.5	15	23	55	.52	.093	36	59	.92	178	.07	36	1.93	.06	.14	11	490	1500

APPENDIX III

SOIL GEOCHEMISTRY RESULTS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMI(ANALYSIS CERTIFICATE

Noranda Exploration Co, Ltd. PROJECT 9007-035 345 File # 90-2602 Page 1

P.O. Box 2380, 1050 Davie St., Vancouver BC V6B 3T5

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
L124+00N 91+00E	1	51	8	123	.1	54	16	552	4.61	2	5	ND	1	19	1.0	2	2	109	.39	.109	7	94	1.22	305	.27	2	3.15	.02	.52	3	3	20
L124+00N 91+50E	1	56	6	132	.1	47	18	531	5.74	2	5	ND	1	27	.9	2	2	134	.46	.124	8	72	1.03	197	.26	2	2.42	.03	.34	1	4	20
L124+00N 92+00E	1	49	8	120	.1	44	18	590	4.47	4	5	ND	2	28	1.0	2	2	99	.47	.120	8	72	1.05	219	.22	3	2.45	.03	.39	1	1	30
L124+00N 92+50E	1	56	12	128	.1	47	17	558	4.70	7	5	ND	1	23	1.7	3	2	103	.31	.088	7	82	1.15	198	.22	5	2.80	.03	.33	1	1	20
L124+00N 93+00E	1	48	13	116	.1	42	17	510	4.23	5	5	ND	2	30	1.2	3	2	87	.46	.102	9	69	1.07	172	.18	5	2.36	.03	.25	1	5	20
L124+00N 93+50E	1	48	21	116	.1	48	15	451	3.99	13	5	ND	1	27	1.4	5	3	78	.43	.106	9	66	1.05	167	.16	2	2.34	.02	.29	1	3	30
L124+00N 94+00E	1	43	16	117	.1	45	15	600	4.00	3	5	ND	1	26	.3	3	4	79	.43	.106	8	63	.95	173	.16	2	2.29	.02	.28	4	1	20
L124+00N 94+50E	2	43	17	109	.1	42	14	467	4.60	4	5	ND	1	20	.6	2	3	105	.38	.116	8	76	.98	212	.22	2	2.59	.02	.38	5	3	10
L124+00N 95+00E	2	36	25	96	.1	38	10	293	3.62	2	5	ND	1	23	.2	2	8	86	.27	.062	5	76	.91	226	.18	2	2.81	.02	.33	9	5	30
L124+00N 95+50E	1	41	25	107	.1	44	12	326	4.10	6	5	ND	1	20	1.9	2	4	100	.28	.079	6	83	1.01	279	.24	2	3.17	.02	.47	6	5	40
L124+00N 96+00E	2	39	24	104	.4	46	14	478	4.02	6	5	ND	4	22	1.2	3	3	93	.33	.082	8	76	.94	276	.22	3	2.84	.02	.42	6	7	30
L124+00N 96+50E	2	43	23	104	.1	45	15	500	4.47	2	5	ND	1	18	.2	2	2	102	.24	.073	6	82	1.00	275	.24	2	3.43	.02	.43	8	27	20
L124+00N 97+00E	1	48	8	124	.1	52	15	604	4.93	2	5	ND	1	27	.9	2	2	109	.36	.087	7	87	1.08	334	.23	2	3.61	.02	.32	1	5	40
L124+00N 97+50E	1	47	12	114	.1	48	15	430	4.30	2	5	ND	1	23	.2	2	2	102	.31	.082	8	83	1.04	276	.24	4	3.53	.02	.34	1	4	20
L124+00N 98+00E	1	52	13	152	.1	55	18	868	4.93	36	5	ND	1	29	.7	3	2	99	.35	.098	8	80	1.10	244	.19	2	3.66	.02	.29	1	14	60
L124+00N 98+50E	1	47	7	127	.1	56	14	522	4.69	41	5	ND	1	24	1.5	7	2	102	.33	.090	7	92	1.18	277	.19	2	3.60	.02	.38	2	10	30
L124+00N 99+00E	1	46	16	100	.1	42	14	600	4.54	13	5	ND	1	26	.9	2	2	95	.27	.084	7	69	.87	196	.16	5	2.96	.02	.23	1	2	40
L124+00N 99+50E	1	37	17	87	.1	32	13	918	3.55	6	5	ND	1	33	.4	3	2	79	.39	.104	9	51	.69	206	.10	2	2.28	.02	.11	1	2	70
L124+00N 100+50E	1	22	2	37	.1	14	4	164	1.32	2	5	ND	1	21	.2	2	2	33	.21	.066	4	27	.33	75	.07	2	1.07	.02	.05	1	1	50
L124+00N 101+00E	1	35	17	78	.2	31	13	697	3.70	4	5	ND	1	23	.2	4	2	81	.26	.085	7	59	.68	186	.14	9	2.39	.02	.15	1	2	40
L124+00N 101+50E	1	40	13	72	.1	35	22	1704	3.41	19	5	ND	1	25	.7	3	2	64	.31	.102	7	56	.64	203	.09	2	2.25	.01	.13	1	10	60
L124+00N 102+00E	1	47	5	125	.1	50	15	592	4.49	3	5	ND	1	27	1.1	2	6	104	.46	.096	8	86	1.13	270	.24	2	3.08	.02	.42	1	2	20
L124+00N 102+50E	1	41	12	109	.1	43	14	621	4.41	10	5	ND	1	28	1.2	4	3	97	.35	.086	7	77	1.02	219	.19	5	2.96	.02	.27	1	5	20
L124+00N 103+00E	1	54	15	105	.1	45	14	468	5.30	16	5	ND	1	30	.7	2	2	104	.34	.094	8	79	1.06	219	.17	6	3.32	.02	.22	1	1	50
L124+00N 103+50E	1	59	16	125	.1	52	21	928	4.89	14	5	ND	1	36	1.1	2	2	100	.42	.094	8	76	1.05	267	.17	2	3.22	.02	.27	1	9	40
L124+00N 104+00E	1	40	9	98	.1	32	14	537	4.23	5	5	ND	1	25	.8	4	3	88	.38	.079	7	56	.78	179	.17	5	2.04	.02	.25	1	1	30
L124+00N 104+50E	1	48	15	111	.1	46	14	542	4.32	11	5	ND	2	22	.3	3	2	92	.37	.100	10	71	.94	200	.21	2	2.77	.02	.38	1	1	10
L124+00N 105+00E	1	45	7	113	.1	55	18	506	4.63	6	5	ND	2	21	1.4	3	2	103	.31	.072	7	82	1.08	272	.27	5	3.27	.02	.50	1	8	20
L124+00N 105+50E	1	56	16	122	.1	56	18	695	5.13	7	5	ND	1	25	1.0	2	2	113	.32	.090	6	89	1.10	329	.26	3	3.72	.03	.58	1	6	30
L124+00N 106+00E	1	53	10	118	.1	53	17	693	4.44	11	5	ND	2	27	1.7	4	5	87	.44	.120	10	69	.96	178	.19	2	2.63	.02	.34	1	11	10
L124+00N 106+50E	1	51	9	109	.1	57	17	644	4.71	11	5	ND	2	28	1.4	2	2	95	.35	.076	10	74	1.06	226	.22	5	3.28	.02	.32	1	2	20
L124+00N 107+00E	1	40	6	93	.1	44	15	485	3.93	2	5	ND	1	23	.6	3	2	85	.32	.058	8	65	.93	189	.21	3	2.62	.02	.30	1	1	20
L124+00N 107+50E	1	35	17	104	.1	43	14	566	4.17	6	5	ND	1	26	.3	3	2	88	.37	.059	6	65	.88	164	.19	3	2.37	.02	.19	1	3	60
L124+00N 108+00E	1	49	5	94	.1	46	15	554	4.02	8	5	ND	2	30	1.2	3	2	82	.46	.107	12	61	.92	168	.20	2	2.76	.02	.27	1	6	20
L124+00N 108+50E	1	43	7	109	.1	48	14	409	4.27	3	5	ND	2	20	1.0	3	2	98	.34	.085	9	88	1.21	243	.28	7	3.20	.02	.60	1	2	10
L124+00N 109+00E	1	44	15	108	.1	43	13	494	4.14	10	5	ND	1	21	.8	2	2	93	.34	.084	8	77	1.04	248	.24	5	2.91	.02	.45	1	2	30
STANDARD C/AU-S	18	57	38	132	7.2	68	29	1032	4.12	37	16	7	37	52	18.1	15	18	55	.53	.093	36	59	.92	182	.08	34	1.97	.06	.14	13	49	1200

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUL 17 1990 DATE REPORT MAILED: July 24/90 SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Noranda Exploration Co. Ltd. PROJECT 9007-035 345 FILE # 90-2602

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
[illegible]	1	73	17	144	[illegible]	64	21	793	5.26	12	5	ND	1	35	.2	4	2	104	.46	.085	8	85	1.22	215	.19	4	3.30	.02	.30	1	3	50
[illegible]	1	59	4	158	[illegible]	66	21	695	4.97	6	5	ND	2	32	1.3	4	4	109	.50	.134	9	87	1.18	275	.25	2	3.39	.02	.50	1	7	30
[illegible]	1	[illegible]	14	170	[illegible]	59	17	566	4.70	15	5	ND	2	24	.7	3	2	110	.50	.158	10	102	1.27	291	.26	4	3.09	.02	.58	1	4	5
[illegible]	1	[illegible]	9	118	[illegible]	46	16	613	4.21	4	5	ND	1	35	.6	3	2	106	.40	.088	7	85	1.02	320	.22	4	3.25	.02	.34	1	3	40
L122+00N 96+00E	1	48	8	126	.1	52	17	713	4.79	7	5	ND	1	34	1.2	2	2	111	.43	.086	7	95	1.20	350	.25	2	3.77	.02	.45	1	1	30
L122+00N 96+25E	1	45	6	113	.1	48	15	579	4.74	5	5	ND	1	20	.9	2	2	109	.27	.085	8	90	1.12	258	.25	2	3.35	.03	.39	1	2	20
L122+00N 96+50E	1	38	12	109	.1	42	14	560	4.12	5	5	ND	2	20	1.1	2	2	99	.37	.106	9	79	.97	275	.24	4	3.01	.02	.47	1	1	20
L122+00N 96+75E	1	41	9	110	.1	40	15	577	4.11	4	5	ND	1	23	.6	2	2	92	.32	.096	7	69	.92	239	.21	9	2.80	.10	.33	1	2	20
L122+00N 97+00E	1	34	19	112	.1	43	15	781	4.09	7	5	ND	1	20	.2	2	2	99	.29	.067	7	79	.97	302	.26	3	3.10	.02	.45	1	1	30
L122+00N 97+25E	1	52	11	117	.1	49	17	626	4.61	23	5	ND	1	23	.5	2	2	106	.33	.106	8	82	1.02	305	.25	3	3.55	.06	.49	1	6	20
L122+00N 97+50E	1	48	12	111	.1	48	15	594	4.50	88	5	ND	2	24	1.0	7	2	96	.39	.124	9	74	.93	257	.22	2	3.05	.02	.47	1	16	10
L122+00N 97+75E	1	48	10	87	.1	37	16	666	4.16	35	5	ND	1	29	1.1	2	2	79	.31	.114	8	56	.73	164	.12	2	2.53	.03	.18	1	3	60
L122+00N 98+00E	1	50	11	104	.2	48	16	593	4.36	15	5	ND	1	18	1.3	3	2	101	.28	.094	7	77	.90	261	.23	3	3.11	.02	.51	1	1	10
L122+00N 98+25E	1	48	11	118	.1	42	18	798	4.80	19	5	ND	1	28	1.2	3	2	101	.36	.100	8	77	1.01	245	.18	4	3.13	.02	.26	1	1	40
L122+00N 98+50E	1	29	9	89	.1	36	13	459	3.50	12	5	ND	1	19	1.1	2	2	82	.38	.099	8	65	.83	198	.19	4	2.33	.02	.35	1	1	5
L122+00N 99+00E	1	49	18	117	.1	53	17	638	4.52	10	5	ND	1	26	1.1	2	4	101	.37	.103	7	76	1.00	247	.22	4	3.19	.02	.39	1	1	20
L122+00N 99+50E	1	44	12	114	.2	44	15	552	4.38	20	5	ND	1	19	1.0	4	2	100	.35	.108	7	80	1.02	246	.23	2	2.85	.02	.49	1	3	10
L122+00N 100+50E	1	57	4	115	.1	53	16	449	4.75	14	5	ND	1	22	1.1	3	2	104	.32	.099	8	84	1.15	200	.22	2	3.33	.02	.32	1	1	10
L122+00N 101+00E	1	48	10	106	.1	51	15	445	4.37	10	5	ND	1	18	.6	2	2	100	.28	.097	7	81	.99	196	.21	2	3.03	.02	.35	1	1	20
L122+00N 101+50E	1	54	15	108	.1	49	13	379	5.14	7	5	ND	1	18	.8	3	2	101	.23	.082	7	79	1.03	207	.20	2	3.22	.02	.33	1	1	20
L122+00N 102+00E	1	70	16	137	.1	59	18	888	4.97	18	5	ND	1	44	.8	8	2	100	.55	.103	9	80	1.11	295	.16	3	3.46	.02	.29	1	2	50
L122+00N 102+50E	1	53	6	112	.1	49	16	500	4.27	2	5	ND	1	24	1.0	2	2	103	.42	.122	8	78	1.02	244	.25	2	2.84	.02	.43	1	1	10
L122+00N 103+00E	1	46	4	105	.1	47	15	502	4.10	5	5	ND	2	27	1.6	2	2	96	.38	.080	9	75	1.02	229	.23	2	2.79	.03	.36	1	1	30
L122+00N 103+50E	1	47	7	111	.1	50	17	563	4.23	9	5	ND	1	29	.6	2	2	94	.40	.088	8	73	1.01	227	.20	6	2.79	.03	.27	1	3	30
L122+00N 104+00E	1	42	2	106	.1	45	17	531	4.16	8	5	ND	1	23	1.3	2	2	96	.36	.086	9	79	1.08	215	.23	4	2.88	.02	.39	1	2	20
L122+00N 104+50E	1	42	5	105	.1	40	14	488	3.99	8	5	ND	1	21	1.0	3	2	90	.30	.074	8	71	.96	191	.21	4	2.64	.03	.36	1	2	20
L122+00N 105+00E	1	46	15	101	.1	44	14	287	4.17	7	5	ND	1	21	1.4	3	4	95	.31	.090	8	78	.98	201	.21	2	3.31	.02	.36	1	1	40
L122+00N 105+50E	1	46	9	80	.1	26	14	2321	2.64	3	5	ND	1	47	.2	2	6	54	.63	.186	7	40	.43	210	.06	14	1.27	.02	.09	1	1	110
L122+00N 106+00E	1	44	5	55	.2	25	7	934	1.76	2	5	ND	1	42	.8	2	2	34	.51	.160	8	31	.33	199	.04	4	1.22	.02	.05	1	2	130
L122+00N 106+50E	1	40	8	101	.1	38	13	436	3.69	7	5	ND	2	28	.6	2	2	84	.45	.106	10	65	.95	178	.22	2	2.41	.02	.37	1	1	10
L122+00N 107+00E	1	32	3	56	.1	14	10	655	2.67	3	5	ND	1	24	.5	2	2	64	.27	.084	5	21	.28	83	.10	4	.82	.02	.06	1	2	20
STANDARD C/AU-S	18	59	38	132	7.2	69	29	1029	4.03	39	19	8	37	53	18.9	16	19	55	.52	.096	36	59	.90	179	.07	37	1.92	.06	.14	14	45	1300

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
L122+00N 107+50E	1	23	2	47	.1	18	8	1158	1.85	4	5	ND	1	25	.2	2	2	38	.33	.090	4	16	.23	89	.06	3	.80	.02	.03	1	5	30
L122+00N 108+00E	1	48	10	103	.1	53	15	499	4.12	3	5	ND	1	19	1.2	2	2	93	.36	.092	8	81	1.08	232	.25	2	3.07	.02	.49	1	7	5
L122+00N 108+50E	1	33	2	69	.2	27	17	3495	2.59	5	6	ND	1	41	.2	2	2	45	.51	.186	6	41	.45	244	.07	2	1.44	.01	.09	1	4	70
L122+00N 109+00E	1	45	7	103	.1	50	13	488	4.15	4	5	ND	1	22	.2	2	3	91	.40	.104	8	77	1.05	219	.24	3	2.89	.02	.46	1	1	5
L121+75N 95+00E	1	52	20	125	.2	55	18	677	5.19	10	5	ND	1	24	.3	3	2	114	.30	.086	7	94	1.17	341	.24	6	3.76	.02	.46	1	1	20
L121+75N 95+25E	1	42	9	110	.1	49	14	450	4.55	9	5	ND	1	24	.2	2	5	105	.32	.075	6	87	1.08	318	.24	2	3.33	.02	.45	1	5	20
L121+75N 95+50E	1	44	2	109	.2	48	14	538	4.52	13	5	ND	1	23	.9	2	2	106	.27	.073	5	89	1.08	329	.25	2	3.24	.02	.48	1	5	10
L121+75N 95+75E	1	44	9	110	.1	49	14	527	4.49	2	5	ND	1	20	.2	2	7	103	.28	.075	6	89	1.11	311	.25	3	3.38	.02	.48	1	4	20
L121+75N 96+00E	1	42	13	111	.1	46	15	528	4.43	2	5	ND	1	18	.5	2	5	104	.27	.072	6	86	1.07	313	.26	5	3.23	.02	.49	1	3	10
L121+75N 96+25E	2	52	15	108	.1	54	24	1123	4.95	5	5	ND	1	24	.9	2	2	98	.31	.092	7	79	.98	284	.18	7	3.42	.02	.29	1	5	50
L121+75N 96+50E	1	38	9	97	.1	42	16	669	4.05	7	5	ND	1	18	.2	2	5	90	.27	.082	6	75	.92	238	.20	2	2.95	.02	.33	1	2	20
L121+75N 96+75E	1	40	13	110	.1	44	19	904	4.86	5	5	ND	1	22	.5	2	10	99	.26	.082	7	80	.99	248	.19	2	3.36	.01	.17	1	4	30
L121+75N 97+00E	1	37	7	111	.1	44	16	752	4.37	2	5	ND	1	21	.4	2	2	99	.30	.065	6	82	.98	292	.24	2	3.31	.01	.36	1	4	20
L121+75N 97+25E	1	45	12	113	.1	52	16	684	4.31	14	5	ND	1	18	.2	2	2	99	.36	.110	7	77	.92	266	.24	5	2.97	.02	.44	1	2	10
L121+75N 97+50E	1	41	9	102	.1	44	15	506	4.20	44	5	ND	1	17	.8	7	8	89	.25	.063	6	70	.89	186	.18	4	2.61	.02	.33	1	11	20
L121+75N 97+75E	1	56	12	114	.1	55	16	678	4.77	19	5	ND	1	19	.2	2	3	105	.26	.083	6	83	1.00	294	.24	2	3.40	.02	.48	1	3	10
L121+75N 98+00E	1	45	17	109	.1	46	15	650	4.68	22	5	ND	1	23	.2	2	3	98	.29	.069	7	78	1.02	264	.20	2	3.11	.02	.30	1	6	30
L121+75N 98+25E	1	43	9	112	.1	45	16	655	4.32	14	5	ND	1	26	.4	2	2	94	.37	.083	7	78	1.01	255	.20	2	2.97	.02	.31	1	8	30
L121+75N 98+50E	1	43	13	109	.1	46	16	572	4.44	10	5	ND	1	23	.2	3	2	98	.34	.075	7	83	1.06	248	.22	2	3.05	.02	.37	1	10	20
L121+50N 95+00E	1	45	7	109	.1	45	14	558	4.36	3	5	ND	1	29	.4	2	2	101	.36	.078	5	84	1.03	305	.22	2	3.18	.02	.40	1	4	30
L121+50N 95+25E	1	39	12	111	.1	45	13	439	4.26	7	5	ND	1	15	.2	2	7	104	.23	.070	4	88	1.00	301	.25	2	2.95	.02	.53	1	5	10
L121+50N 95+50E	1	47	7	102	.2	43	15	739	4.15	3	5	ND	1	31	.2	2	2	91	.36	.091	7	77	.93	306	.18	7	3.18	.02	.32	1	6	40
L121+50N 95+75E	1	50	16	118	.1	50	16	602	4.92	2	5	ND	1	23	.8	2	3	109	.28	.077	6	95	1.19	349	.25	4	3.81	.02	.47	2	5	30
L121+50N 96+00E	1	41	2	111	.1	50	16	519	4.51	3	5	ND	1	16	.5	2	2	107	.21	.050	6	90	1.10	317	.27	2	3.28	.02	.52	1	3	10
L121+50N 96+25E	1	44	13	110	.1	50	15	613	4.46	3	5	ND	1	15	.2	2	2	102	.25	.072	6	83	1.03	302	.25	2	3.32	.02	.46	1	3	20
L121+50N 96+50E	1	43	14	105	.1	46	15	449	4.41	2	5	ND	1	15	.2	2	2	98	.23	.084	7	82	1.02	257	.22	5	3.29	.02	.38	1	3	30
L121+50N 96+75E	1	40	17	108	.1	47	15	567	4.34	2	5	ND	1	16	.6	2	2	97	.22	.056	7	79	1.03	273	.24	2	3.14	.02	.38	1	2	10
L121+50N 97+00E	1	47	7	106	.1	52	16	525	4.21	3	5	ND	1	17	.6	2	2	100	.30	.084	7	79	.98	286	.26	2	3.07	.02	.47	1	5	5
L121+50N 97+25E	1	46	25	121	.1	52	15	650	4.67	11	5	ND	1	18	.8	2	2	105	.27	.077	7	83	1.07	276	.25	3	3.45	.02	.44	1	4	10
L121+50N 97+50E	1	62	22	137	.1	56	18	635	5.28	49	5	ND	1	21	1.1	4	6	108	.24	.094	8	84	1.06	254	.18	5	3.70	.02	.38	1	11	30
L121+50N 97+75E	1	52	24	118	.1	53	17	705	4.89	31	5	ND	1	17	.2	2	2	98	.23	.079	7	76	1.01	232	.19	3	3.26	.02	.35	1	6	20
L121+50N 98+00E	1	40	13	115	.1	42	13	564	4.18	16	5	ND	1	17	.2	2	2	89	.26	.082	6	74	.94	209	.19	4	2.84	.02	.34	1	4	30
L121+50N 98+25E	1	41	13	112	.1	48	15	541	4.50	13	5	ND	1	21	.5	2	2	101	.33	.074	7	88	1.14	258	.24	4	3.20	.02	.43	1	6	30
L121+50N 98+50E	1	33	5	102	.1	41	14	504	3.87	8	5	ND	1	21	1.3	2	2	88	.42	.105	8	71	.92	238	.20	4	2.58	.02	.36	1	6	20
L121+25N 97+25E	1	35	15	105	.2	41	15	677	4.05	3	6	ND	1	27	.2	2	2	95	.38	.073	6	79	.93	289	.22	2	3.02	.02	.31	1	1	40
L121+25N 95+50E	1	48	4	129	.2	51	14	538	4.99	4	5	ND	1	26	.7	2	2	114	.33	.079	6	98	1.18	333	.25	2	3.73	.02	.49	1	3	40
STANDARD C/AU-S	18	57	41	132	7.2	69	30	1018	4.10	38	19	6	36	51	18.5	15	19	55	.53	.092	35	59	.92	180	.08	33	1.95	.06	.14	13	51	1400

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
L121+25N 95+75E	1	40	2	110	.2	48	16	412	4.49	7	5	ND	1	23	.6	3	3	105	.32	.080	6	92	1.09	291	.25	2	3.24	.02	.48	1	9	20
L121+25N 96+00E	1	46	14	107	.3	46	18	570	4.14	8	5	ND	1	27	1.4	4	6	95	.31	.089	7	84	.94	283	.21	2	3.18	.01	.35	1	6	40
L121+25N 96+25E	1	40	4	112	.1	50	18	489	4.42	4	5	ND	1	24	.6	3	6	105	.35	.076	6	95	1.17	316	.27	2	3.31	.02	.55	1	5	20
L121+25N 96+50E	1	47	18	110	.2	54	24	760	5.24	4	5	ND	1	19	1.2	2	5	113	.23	.085	6	96	1.13	299	.24	4	3.56	.02	.37	2	3	30
L121+25N 96+75E	1	41	7	118	.1	47	19	704	4.48	6	5	ND	1	26	.5	2	2	98	.35	.086	6	82	1.03	255	.22	5	3.22	.02	.35	1	3	30
L121+25N 97+00E	1	39	10	111	.1	51	22	918	4.43	5	5	ND	1	24	1.0	2	2	97	.32	.069	7	82	.97	326	.24	5	3.44	.02	.35	1	2	20
L121+25N 97+50E	1	59	7	124	.1	62	22	805	5.69	42	5	ND	1	25	1.1	5	7	103	.27	.082	7	81	1.04	233	.16	13	3.63	.02	.23	1	5	30
L121+25N 97+75E	1	42	8	93	.1	36	15	496	4.15	22	5	ND	1	25	.5	6	4	81	.31	.081	8	53	.75	147	.13	3	2.13	.02	.12	1	9	40
L121+25N 98+00E	1	33	18	89	.1	38	13	441	3.99	19	5	ND	1	18	.8	2	2	83	.27	.076	7	68	.87	201	.20	3	2.44	.02	.35	1	7	20
L121+25N 98+25E	1	40	8	101	.1	43	18	688	4.23	18	5	ND	1	20	.7	3	2	92	.28	.077	7	78	.98	242	.21	6	2.81	.02	.33	1	10	30
L121+25N 98+50E	1	36	6	93	.1	44	15	415	3.83	12	5	ND	1	24	.6	4	3	90	.37	.093	7	78	.92	246	.20	2	2.59	.01	.32	1	6	20
L120+75N 95+00E	1	44	13	111	.1	47	17	567	4.60	4	5	ND	1	28	1.4	2	2	106	.32	.072	5	89	1.09	318	.25	5	3.42	.02	.44	1	4	30
L120+75N 95+25E	1	35	10	86	.1	36	13	448	3.69	4	5	ND	1	23	.8	3	5	85	.24	.064	5	69	.79	226	.19	2	2.46	.02	.31	2	5	10
L120+75N 95+50E	1	39	11	103	.1	48	15	528	4.19	6	5	ND	1	17	.9	2	5	96	.22	.074	6	82	.97	289	.24	2	3.11	.02	.49	2	7	20
L120+75N 95+75E	1	43	22	95	.1	46	14	426	4.63	4	5	ND	1	20	1.1	2	3	96	.21	.075	6	79	.95	261	.21	5	3.14	.02	.32	1	5	30
L120+75N 96+00E	1	50	18	111	.1	53	20	719	4.78	2	5	ND	1	18	1.1	2	6	107	.23	.072	6	98	1.21	323	.25	2	3.48	.02	.50	1	3	40
L120+75N 96+25E	1	44	7	108	.1	51	18	573	4.63	5	5	ND	1	17	1.1	2	4	105	.25	.071	5	85	1.04	305	.25	2	3.38	.02	.49	2	12	30
L120+75N 96+50E	1	32	8	91	.1	37	19	1194	3.97	4	5	ND	1	26	.2	2	5	81	.32	.085	6	60	.71	225	.14	2	2.27	.01	.16	1	5	60
L120+75N 96+75E	1	39	4	103	.1	44	20	1071	4.23	2	5	ND	1	21	.9	2	4	93	.28	.075	7	78	.90	304	.23	2	3.23	.02	.37	1	12	30
L120+75N 97+25E	1	35	3	110	.1	46	16	427	3.99	46	5	ND	2	14	.3	5	2	89	.24	.073	7	72	.94	242	.22	2	2.70	.02	.44	1	8	20
L120+75N 97+50E	1	50	9	94	.1	45	24	1397	4.10	28	5	ND	1	38	.5	5	3	80	.49	.097	8	68	.84	332	.15	4	2.76	.01	.22	1	6	70
L120+75N 97+75E	1	49	17	109	.1	51	19	656	4.49	12	5	ND	2	22	.8	4	3	91	.30	.089	8	74	.99	224	.20	4	2.95	.02	.31	1	6	20
L120+75N 98+00E	1	37	8	103	.1	45	15	530	4.01	18	5	ND	1	16	.6	2	2	89	.27	.083	7	73	.94	216	.21	2	2.67	.02	.38	1	3	20
L120+75N 98+25E	1	46	6	98	.1	41	17	785	3.84	11	5	ND	1	30	.7	3	3	86	.40	.095	7	75	.92	265	.17	3	2.63	.01	.30	1	7	60
L120+75N 98+50E	1	41	6	104	.1	44	16	510	4.23	8	5	ND	1	26	.5	2	2	95	.36	.083	6	85	1.02	254	.21	2	2.95	.02	.43	1	4	30
L120+00N 91+00E	1	54	9	111	.1	50	16	550	4.49	2	5	ND	2	22	1.0	2	3	98	.23	.074	7	81	1.04	253	.25	3	3.43	.02	.54	1	5	20
L120+00N 91+50E	1	51	17	112	.1	50	18	583	4.48	4	5	ND	2	23	1.2	2	2	101	.22	.073	6	84	1.03	267	.25	2	3.43	.02	.50	1	7	20
L120+00N 92+00E	1	58	6	142	.1	54	19	630	5.48	8	5	ND	2	38	2.3	2	2	126	.20	.052	7	112	1.33	334	.33	2	4.48	.02	.77	1	3	10
L120+00N 92+50E	1	53	21	120	.1	52	18	581	4.85	8	5	ND	1	33	1.8	2	2	110	.29	.079	7	92	1.11	307	.27	2	3.70	.02	.57	1	5	20
L120+00N 93+00E	1	45	10	115	.1	48	15	516	4.44	5	5	ND	1	25	.9	2	2	104	.27	.076	6	88	1.04	297	.26	2	3.28	.02	.56	1	5	10
L120+00N 93+50E	1	39	17	114	.1	46	15	471	4.23	4	5	ND	1	25	1.0	2	2	103	.30	.081	6	87	1.01	337	.27	4	3.21	.02	.57	1	1	20
L120+00N 94+00E	1	45	4	111	.1	47	16	497	4.37	2	5	ND	1	18	.5	2	6	104	.22	.074	7	90	1.06	306	.26	2	3.38	.02	.53	1	1	10
L120+00N 94+50E	1	51	16	118	.1	49	14	511	4.66	13	5	ND	1	24	1.8	2	2	104	.24	.073	5	87	1.00	326	.22	2	3.21	.01	.47	1	5	30
L120+00N 95+00E	1	49	5	106	.1	46	15	327	4.38	10	5	ND	1	14	1.4	3	2	98	.16	.083	7	88	1.03	275	.23	2	3.48	.01	.46	1	9	40
L120+00N 95+50E	1	44	12	107	.1	52	17	302	4.27	2	5	ND	2	15	1.0	2	2	102	.22	.079	7	90	1.10	293	.26	5	3.49	.02	.51	1	3	20
L120+00N 96+00E	1	43	15	108	.1	50	13	341	4.37	2	5	ND	1	15	.9	2	2	98	.20	.068	6	88	1.11	262	.25	2	3.43	.02	.46	1	6	20
STANDARD C/AU-S	17	58	43	132	7.2	67	31	959	3.92	39	18	7	37	52	18.5	15	21	56	.49	.091	36	57	.88	183	.08	36	1.93	.06	.14	12	46	1500

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
L120+00N 96+50E	1	49	19	125	.1	53	18	549	4.99	10	5	ND	2	20	.7	3	2	108	.31	.065	8	91	1.14	305	.28	4	3.70	.02	.52	1	2	30
L120+00N 97+00E	1	39	17	113	.1	50	17	561	4.56	16	5	ND	2	18	.7	5	2	102	.27	.056	7	84	1.14	248	.26	2	3.13	.02	.40	1	2	10
L120+00N 97+50E	1	31	9	85	.1	38	12	539	3.62	16	5	ND	1	23	.2	4	2	82	.31	.095	6	71	.83	193	.15	2	2.53	.01	.18	1	3	90
L120+00N 98+00E	1	38	13	106	.1	47	15	617	4.43	27	5	ND	1	17	1.2	7	2	98	.29	.069	8	85	1.13	213	.24	5	3.18	.02	.43	1	1	20
L120+00N 98+50E	1	51	10	130	.2	58	20	677	5.45	13	5	ND	2	22	1.5	6	5	119	.40	.089	8	112	1.44	292	.29	3	3.47	.02	.60	3	1	30
L120+00N 99+00E	1	38	19	104	.1	47	16	517	4.46	15	5	ND	1	19	.5	6	3	98	.28	.076	7	81	1.04	206	.21	5	2.84	.02	.36	1	1	30
L120+00N 99+50E	1	42	17	109	.1	50	15	513	4.50	7	5	ND	1	19	.9	2	2	99	.30	.073	7	83	1.11	220	.23	7	2.95	.02	.38	1	3	20
L120+00N 100+50E	1	58	3	114	.1	57	21	914	5.05	7	5	ND	1	31	.2	2	4	99	.46	.112	8	75	1.06	251	.18	11	3.27	.02	.28	1	4	60
L120+00N 101+00E	1	47	9	107	.1	60	19	587	4.33	9	5	ND	1	21	.4	2	2	95	.35	.078	6	72	.97	245	.22	5	2.85	.02	.37	1	1	20
L120+00N 101+50E	1	48	4	104	.1	50	16	578	4.35	7	5	ND	1	27	.6	2	2	87	.45	.106	9	66	.98	205	.20	3	2.69	.02	.29	1	2	10
L120+00N 102+00E	1	47	13	119	.1	51	17	518	4.57	7	5	ND	1	24	.6	2	2	104	.45	.116	8	86	1.13	237	.25	2	2.84	.02	.46	1	5	5
L120+00N 102+50E	1	55	7	122	.1	56	17	607	4.99	8	5	ND	2	25	.5	9	2	100	.45	.102	9	84	1.29	192	.19	2	3.07	.02	.39	1	3	10
L120+00N 103+00E	1	45	15	106	.1	54	16	549	4.22	3	5	ND	1	24	.2	2	5	90	.40	.083	9	69	.99	185	.21	2	2.65	.02	.30	1	9	5
L120+00N 103+50E	1	48	12	110	.1	50	16	431	4.28	3	5	ND	2	24	.3	2	2	94	.40	.093	8	72	1.01	204	.21	2	2.88	.02	.29	1	2	10
L120+00N 104+00E	1	43	8	110	.1	53	18	504	4.40	10	5	ND	2	24	.3	2	2	97	.40	.083	8	80	1.16	228	.25	5	2.81	.02	.38	1	3	10
L120+00N 104+50E	1	63	16	130	.2	61	22	717	5.53	20	5	ND	2	25	.2	2	2	112	.28	.076	8	89	1.20	248	.22	2	3.46	.02	.44	1	1	30
L120+00N 105+00E	1	72	7	146	.1	65	25	689	5.68	71	5	ND	2	35	.2	12	2	85	.48	.110	8	64	.94	122	.11	2	2.54	.02	.33	1	3	5
L120+00N 105+50E	1	56	8	101	.1	61	18	601	4.17	8	5	ND	2	28	.4	2	2	83	.46	.116	9	64	.99	182	.19	3	2.62	.02	.29	1	9	10
L120+00N 106+00E	1	40	9	93	.1	41	15	554	4.24	6	5	ND	1	29	.9	2	2	87	.40	.067	8	58	.87	166	.16	3	2.06	.02	.14	1	4	40
L120+00N 106+50E	1	53	18	105	.1	50	18	604	4.40	2	5	ND	1	27	.4	2	2	84	.40	.093	8	62	.95	184	.17	2	2.75	.02	.23	1	1	20
L120+00N 107+00E	1	52	12	112	.1	51	18	675	4.63	5	5	ND	2	34	.9	2	2	97	.52	.124	9	77	1.13	191	.22	5	2.87	.02	.42	1	3	40
L120+00N 107+50E	1	56	6	105	.1	47	19	775	4.52	4	5	ND	1	32	.9	2	4	94	.44	.096	7	63	.92	189	.17	2	2.58	.02	.20	1	1	30
L120+00N 108+00E	1	38	10	68	.1	22	14	1389	3.08	2	5	ND	1	29	.3	2	5	58	.33	.081	5	30	.40	125	.09	5	1.22	.02	.07	1	1	30
L120+00N 108+50E	1	33	12	57	.2	25	16	857	3.28	2	5	ND	1	33	.2	2	3	60	.40	.124	5	39	.45	139	.08	5	1.49	.02	.07	1	1	80
L120+00N 109+00E	1	49	7	105	.1	53	16	563	4.53	3	5	ND	1	24	.7	2	2	97	.35	.076	8	78	1.12	221	.23	5	3.07	.02	.43	1	3	10
L118+00N 91+00E	1	68	12	137	.1	60	20	631	5.67	3	5	ND	1	26	1.5	2	2	134	.34	.095	5	126	1.60	502	.35	6	4.17	.02	.97	1	2	5
L118+00N 91+50E	1	55	11	121	.1	57	19	607	4.78	2	5	ND	2	19	.9	3	2	106	.29	.088	6	92	1.23	338	.27	7	3.54	.02	.66	1	1	5
L118+00N 92+00E	1	58	16	122	.1	60	18	726	4.89	5	5	ND	2	23	.9	2	2	95	.39	.122	8	77	1.21	250	.20	2	3.58	.02	.46	1	4	5
L118+00N 92+50E	1	52	14	125	.1	61	19	570	4.86	2	5	ND	2	19	.4	2	3	111	.37	.095	7	98	1.30	317	.28	2	3.53	.02	.55	1	3	5
L118+00N 93+00E	1	59	18	132	.1	57	19	657	5.31	6	5	ND	1	23	.9	2	2	111	.36	.094	8	95	1.39	272	.24	2	3.57	.02	.50	1	2	5
L118+00N 93+50E	1	48	7	119	.1	56	19	550	4.77	2	5	ND	1	20	.6	2	3	111	.38	.094	5	102	1.33	312	.28	2	3.33	.02	.59	1	1	5
L118+00N 94+00E	1	58	13	129	.1	56	17	605	5.04	2	5	ND	1	21	.5	2	2	107	.30	.092	7	90	1.26	255	.24	6	3.32	.02	.43	1	4	10
L118+00N 94+50E	1	44	11	101	.1	50	14	408	5.04	8	5	ND	1	21	.6	4	3	103	.24	.078	6	83	1.11	197	.20	4	3.10	.01	.20	1	3	30
L118+00N 95+00E	1	34	13	93	.1	45	14	331	4.28	2	5	ND	1	14	1.0	2	2	103	.20	.045	5	87	1.11	224	.23	2	2.82	.02	.33	1	1	10
L118+00N 95+50E	1	36	10	64	.1	23	8	158	3.41	2	5	ND	1	15	.2	2	4	67	.19	.081	7	45	.52	125	.13	2	1.96	.02	.11	1	5	20
L118+00N 96+00E	1	49	12	101	.1	49	13	244	3.65	2	5	ND	2	15	2.1	2	10	91	.28	.079	9	78	1.00	263	.25	2	3.54	.02	.40	1	5	10
STANDARD C/AU-S	18	59	37	132	7.2	72	32	1046	4.16	39	18	6	36	51	18.6	15	18	55	.55	.095	35	59	.94	176	.07	34	1.99	.06	.14	13	55	1600

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
L118+00N 96+50E	1	60	16	67	.1	36	7	214	2.30	4	5	ND	1	22	.3	3	6	65	.28	.095	8	67	.79	163	.17	6	2.81	.01	.14	1	3	60
L118+00N 97+00E	1	51	8	114	.1	51	16	315	4.99	31	5	ND	2	16	.4	8	2	106	.29	.074	10	94	1.26	256	.26	2	3.79	.02	.55	1	4	10
L118+00N 97+50E	1	59	17	112	.2	50	13	272	5.34	134	5	ND	2	14	.6	12	2	104	.26	.072	11	89	1.14	184	.17	2	3.57	.01	.41	1	15	20
L118+00N 98+00E	1	62	20	112	.1	58	16	310	5.17	20	5	ND	2	16	1.0	7	2	100	.32	.098	9	85	1.14	224	.21	6	3.61	.02	.45	1	1	10
L118+00N 98+50E	1	57	13	116	.1	56	17	507	4.71	18	5	ND	1	25	.2	3	2	95	.42	.116	9	78	1.15	206	.21	4	3.18	.02	.36	1	1	20
L118+00N 99+00E	1	51	4	105	.1	50	18	609	4.56	10	5	ND	1	23	.5	2	2	98	.36	.089	8	77	1.04	222	.23	2	3.07	.02	.41	1	1	20
L118+00N 99+50E	1	34	2	89	.1	38	13	506	3.85	9	5	ND	1	24	.7	2	4	82	.35	.085	7	57	.81	165	.17	6	2.12	.02	.22	1	1	30
L118+00N 100+50E	1	36	5	85	.1	41	13	453	3.69	3	5	ND	1	26	.2	2	4	81	.47	.107	9	65	.95	292	.21	2	2.30	.02	.34	1	1	5
L118+00N 101+00E	1	44	9	99	.1	47	15	450	4.43	4	5	ND	2	27	1.0	2	6	101	.43	.078	10	90	1.28	251	.28	3	3.05	.02	.46	1	1	5
L118+00N 101+50E	1	55	2	111	.1	63	16	304	5.28	2	5	ND	1	17	.4	2	2	126	.36	.100	6	136	1.74	288	.35	2	3.59	.02	.86	1	1	10
L118+00N 102+00E	1	66	12	138	.1	54	16	459	4.32	11	5	ND	1	37	1.1	2	2	84	.62	.171	10	69	1.14	175	.18	6	2.47	.03	.30	2	1	30
L118+00N 102+50E	1	21	2	55	.1	13	7	175	2.88	4	5	ND	1	14	.2	2	5	69	.15	.043	2	24	.34	88	.12	4	.77	.02	.06	1	1	10
L118+00N 103+00E	1	48	11	100	.1	46	15	516	4.45	8	5	ND	2	30	.4	2	2	95	.43	.077	10	71	1.10	230	.26	2	3.08	.03	.42	1	1	20
L118+00N 103+50E	1	43	4	93	.1	44	14	445	3.97	8	5	ND	2	24	.4	2	2	88	.41	.075	9	66	1.04	182	.23	6	2.62	.02	.34	1	1	5
L118+00N 104+00E	1	45	9	98	.1	48	15	496	4.24	10	5	ND	1	26	.5	2	2	89	.42	.073	8	70	1.03	145	.20	6	2.46	.02	.32	1	1	20
L118+00N 104+50E	1	47	5	99	.1	46	15	443	4.03	2	5	ND	2	32	.3	2	2	94	.56	.108	10	71	1.01	197	.27	7	2.57	.03	.50	1	1	10
L118+00N 105+00E	1	43	6	93	.1	47	14	506	4.19	6	5	ND	2	21	.3	2	2	91	.34	.068	8	71	1.05	189	.23	4	2.85	.02	.38	1	3	30
L118+00N 105+50E	1	47	10	103	.1	48	16	596	4.34	2	5	ND	1	26	.2	2	2	92	.40	.091	9	72	1.06	234	.24	4	3.09	.03	.43	1	1	20
L118+00N 106+00E	1	49	2	93	.1	49	15	524	4.09	5	5	ND	2	22	.9	2	2	85	.33	.078	8	64	.91	191	.21	2	2.73	.02	.30	1	3	30
L118+00N 106+50E	1	46	2	108	.1	48	16	658	4.60	3	5	ND	2	28	.5	2	2	103	.45	.087	8	88	1.16	238	.26	3	3.05	.02	.52	1	1	10
L118+00N 107+00E	1	72	9	131	.1	59	20	834	4.99	47	5	ND	2	30	.8	8	2	99	.50	.144	11	74	1.12	192	.19	6	2.89	.02	.43	1	7	20
L118+00N 107+50E	1	56	3	110	.1	61	16	574	5.05	5	5	ND	2	34	1.4	3	2	113	.49	.109	9	119	1.72	280	.30	3	3.88	.02	.71	1	1	10
L118+00N 108+00E	1	63	3	122	.1	58	19	730	4.94	9	5	ND	1	29	.4	2	2	96	.41	.102	10	77	1.20	229	.22	5	3.34	.02	.38	1	1	30
L118+00N 108+50E	1	73	13	141	.1	63	20	737	5.26	17	5	ND	2	31	1.2	7	2	105	.46	.120	12	85	1.35	232	.23	9	3.50	.02	.46	1	2	20
L118+00N 109+00E	1	24	2	45	.2	16	7	315	2.57	5	5	ND	1	24	.2	2	2	55	.30	.077	4	28	.36	87	.09	4	1.06	.02	.06	1	1	50
L116+00N 91+00E	1	66	10	110	.1	59	20	628	4.70	7	5	ND	2	36	1.0	2	2	95	.45	.112	9	71	1.03	180	.23	6	2.96	.03	.43	1	4	10
L116+00N 91+50E	1	54	2	108	.1	55	17	572	4.36	2	5	ND	1	26	.5	2	2	95	.40	.093	8	74	1.06	212	.26	2	3.05	.02	.44	2	1	20
L116+00N 92+00E	1	50	8	108	.1	47	14	503	3.99	8	5	ND	2	26	.4	2	4	78	.39	.068	10	66	1.06	162	.19	2	2.56	.02	.31	1	1	5
L116+00N 92+50E	1	42	14	102	.1	49	15	462	4.15	3	5	ND	2	27	.7	2	2	86	.44	.081	11	68	1.09	181	.22	7	2.62	.02	.34	1	2	10
L116+00N 93+00E	2	56	2	129	.1	57	17	506	4.54	12	5	ND	3	37	.6	2	3	87	.57	.124	11	70	1.19	174	.20	5	2.66	.03	.32	1	1	20
L116+00N 93+50E	1	59	8	132	.1	56	18	602	4.75	6	5	ND	2	35	.9	2	3	93	.54	.140	10	70	1.15	193	.21	6	2.82	.03	.33	1	1	20
L116+00N 94+00E	1	55	7	129	.1	51	18	713	4.57	10	6	ND	2	30	.6	3	2	90	.45	.118	9	71	1.08	184	.19	5	2.85	.02	.25	1	1	40
L116+00N 94+50E	1	51	6	129	.1	48	16	634	4.32	6	5	ND	2	30	1.3	2	2	90	.49	.123	9	68	1.00	234	.23	9	3.05	.03	.38	1	1	40
L116+00N 95+00E	1	39	13	88	.1	33	13	512	3.80	7	5	ND	1	33	.5	2	2	78	.48	.090	7	55	.76	156	.15	9	2.00	.02	.20	1	1	60
L116+00N 95+50E	2	61	17	127	.1	62	18	682	4.93	13	5	ND	1	29	.5	2	5	103	.37	.102	8	83	1.15	229	.25	5	3.31	.02	.43	2	1	30
L116+00N 96+00E	1	52	5	121	.2	53	17	621	4.47	59	5	ND	2	26	.2	3	2	88	.42	.119	10	71	1.09	181	.21	3	2.80	.02	.34	1	18	20
STANDARD C/AU-S	19	58	37	132	7.3	72	29	1050	4.22	40	20	7	37	53	18.5	16	21	55	.55	.098	37	61	.96	180	.07	38	2.03	.06	.14	11	53	1500

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au ppb	Hg ppb
L116+00N 96+50E	1	54	8	119	.1	56	19	622	4.71	10	5	ND	1	25	1.4	2	2	104	.45	.107	10	78	1.12	238	.25	3	3.05	.02	.36	2	3	5
L116+00N 97+00E	1	49	15	111	.1	57	18	535	4.61	11	5	ND	2	32	.6	2	2	106	.44	.077	10	81	1.12	232	.28	2	3.05	.02	.44	1	15	5
L116+00N 97+50E	1	48	5	95	.1	46	16	541	3.85	10	5	ND	2	30	.3	2	2	83	.47	.102	11	55	.86	132	.19	2	2.22	.02	.24	1	5	10
L116+00N 98+00E	1	51	2	110	.1	52	18	542	4.44	19	5	ND	2	25	1.7	2	2	101	.43	.096	10	77	1.12	211	.26	3	2.81	.02	.39	1	6	30
L116+00N 98+50E	1	57	10	107	.1	64	21	595	4.62	18	5	ND	1	20	1.2	2	2	101	.27	.050	7	81	1.16	189	.23	9	2.83	.02	.34	1	6	30
L116+00N 99+00E	1	58	9	145	.1	61	25	776	4.47	17	5	ND	1	32	.6	2	2	88	.43	.108	10	62	1.01	176	.17	5	2.40	.02	.22	2	2	40
L116+00N 99+50E	1	66	16	129	.1	63	22	795	4.90	12	5	ND	1	30	1.7	2	4	102	.53	.129	10	77	1.19	204	.22	2	2.68	.02	.36	1	5	10
L116+00N 100+50E	1	38	7	75	.1	38	13	410	3.32	7	5	ND	1	21	.4	2	2	75	.26	.029	8	53	.80	119	.19	3	1.96	.01	.23	1	3	10
L116+00N 101+00E	1	41	2	82	.1	41	13	411	3.79	8	5	ND	1	25	.3	2	2	82	.32	.054	7	50	.76	151	.16	2	2.03	.01	.12	2	1	5
L116+00N 101+50E	1	33	2	71	.1	37	11	330	3.00	4	5	ND	1	19	.2	2	2	64	.25	.026	7	44	.70	123	.16	2	1.75	.02	.16	1	1	10
L116+00N 102+00E	1	36	3	95	.1	40	13	469	3.68	6	5	ND	1	21	.5	2	2	80	.27	.045	7	53	.78	132	.17	4	2.04	.02	.17	2	14	30
L116+00N 102+50E	1	57	17	112	.1	61	19	561	4.38	8	5	ND	1	21	.6	2	4	101	.32	.078	7	72	.93	234	.25	5	2.69	.02	.38	2	3	10
L116+00N 103+00E	1	28	2	61	.1	11	10	262	3.76	2	5	ND	1	15	.2	2	2	101	.20	.048	3	19	.29	44	.17	2	.73	.02	.04	1	2	5
L116+00N 103+50E	1	88	11	141	.3	61	30	1176	6.01	10	5	ND	1	46	.8	2	2	120	.50	.121	9	77	1.09	288	.17	2	4.01	.02	.28	1	1	50
L116+00N 104+00E	1	43	8	102	.1	43	13	485	3.97	8	5	ND	1	23	.2	2	2	85	.29	.068	7	58	.82	197	.16	7	2.42	.04	.22	1	1	20
L116+00N 104+50E	1	39	8	99	.1	39	12	384	4.17	11	5	ND	1	23	.6	2	2	99	.28	.060	6	58	.77	130	.17	2	2.39	.01	.15	1	2	30
L116+00N 105+00E	1	59	6	104	.1	59	18	602	4.22	11	5	ND	1	24	.3	2	2	91	.30	.062	10	59	.94	190	.20	5	2.79	.02	.25	1	3	10
L116+00N 105+50E	1	20	2	56	.1	11	9	209	3.20	2	5	ND	1	14	.2	2	5	88	.20	.046	3	19	.26	44	.15	3	.67	.02	.06	1	2	5
L116+00N 106+00E	1	48	6	108	.1	49	15	462	4.17	8	5	ND	2	27	.6	2	2	100	.43	.080	11	76	1.07	217	.27	8	2.64	.03	.43	1	5	5
L116+00N 106+50E	1	43	7	100	.1	48	16	461	3.82	7	5	ND	1	19	.8	2	2	86	.24	.039	7	62	.91	154	.22	2	2.51	.02	.30	2	2	10
L116+00N 107+00E	1	51	5	106	.1	47	16	473	4.26	11	5	ND	1	23	1.0	2	2	96	.32	.078	8	62	.87	181	.21	3	2.55	.02	.24	1	2	20
L116+00N 107+50E	1	48	11	105	.1	46	17	576	4.43	5	5	ND	1	26	.4	2	2	102	.36	.087	7	76	1.04	227	.22	4	2.96	.02	.29	1	3	30
L116+00N 108+00E	1	44	13	77	.2	29	9	434	3.35	5	5	ND	1	39	.2	2	2	76	.46	.121	8	54	.68	214	.12	2	1.94	.02	.09	1	3	60
L116+00N 108+50E	1	40	7	89	.1	40	15	525	3.82	13	5	ND	1	23	.2	4	5	87	.35	.079	8	67	.97	181	.21	4	2.48	.02	.32	1	8	5
L116+00N 109+00E	1	29	5	69	.1	33	9	228	3.13	9	5	ND	1	21	.2	2	2	76	.31	.082	7	61	.85	151	.16	2	2.06	.02	.26	1	4	10
L114+00N 91+00E	1	54	9	105	.2	47	17	660	4.41	3	5	ND	1	27	.9	2	2	99	.30	.078	7	68	.93	233	.21	6	3.22	.02	.37	2	3	20
L114+00N 91+50E	1	47	11	96	.1	40	15	500	4.00	2	5	ND	1	22	.3	2	2	91	.24	.053	6	63	.90	182	.22	7	2.57	.02	.32	1	2	10
L114+00N 92+00E	1	64	5	118	.1	48	19	654	4.47	9	5	ND	1	32	.6	2	2	94	.34	.089	8	68	.97	179	.20	5	2.77	.02	.30	1	1	40
L114+00N 92+50E	1	54	11	89	.1	45	18	549	3.73	8	5	ND	1	27	.2	2	2	81	.34	.053	8	56	.85	159	.20	2	2.12	.02	.27	1	40	5
L114+00N 93+00E	1	52	11	97	.1	48	18	591	3.97	6	5	ND	1	24	.3	2	2	86	.31	.064	8	68	.91	167	.19	5	2.55	.02	.23	1	2	10
L114+00N 93+50E	1	70	6	118	.2	64	20	610	4.23	8	5	ND	2	26	.8	2	6	94	.46	.123	10	63	.91	169	.22	4	2.60	.02	.32	1	8	5
L114+00N 94+00E	1	68	6	124	.1	64	21	686	4.50	12	5	ND	2	24	1.2	2	2	98	.34	.094	9	65	.97	215	.23	6	2.89	.02	.33	1	1	20
L114+00N 94+50E	1	54	5	102	.1	49	17	528	4.21	6	5	ND	1	29	.7	2	2	99	.40	.094	8	68	.90	201	.25	2	2.57	.02	.42	1	8	10
L114+00N 95+00E	1	70	2	134	.1	59	26	931	4.92	6	5	ND	1	30	1.2	2	2	112	.42	.094	8	79	1.07	241	.27	6	3.07	.02	.46	1	70	30
L114+00N 95+50E	1	61	8	109	.1	48	19	658	4.33	9	5	ND	1	25	1.4	2	4	92	.24	.059	9	63	.85	154	.20	6	2.59	.02	.27	1	2	20
L114+00N 96+00E	1	54	11	103	.1	48	18	630	4.10	7	5	ND	1	22	.8	2	3	90	.26	.063	9	62	.91	169	.22	2	2.63	.02	.31	1	9	10
STANDARD C/AU-S	20	59	42	132	7.3	69	32	1032	4.15	39	16	7	37	53	18.5	16	20	58	.53	.091	38	58	.92	181	.08	38	1.93	.06	.14	11	52	1300

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
L114+00N 96+50E	1	40	11	83	.2	42	12	457	3.65	10	5	ND	1	22	.2	2	2	72	.32	.066	7	55	.84	149	.18	3	2.13	.02	.21	1	3	10
L114+00N 97+00E	1	51	14	107	.1	46	15	515	4.00	14	5	ND	1	41	.2	2	2	82	.50	.090	7	58	.91	167	.21	2	2.67	.04	.30	1	30	5
L114+00N 97+25E	1	45	12	106	.2	49	15	589	4.15	21	5	ND	1	27	.2	6	2	82	.46	.106	8	61	.89	159	.18	2	2.26	.02	.27	1	12	30
L114+00N 97+50E	1	41	5	85	.1	42	12	484	3.90	14	5	ND	1	24	.4	2	2	82	.47	.100	8	64	.91	178	.20	2	2.15	.02	.33	1	14	5
L114+00N 97+75E	1	45	9	91	.1	45	15	612	4.05	14	5	ND	1	25	.3	2	6	75	.38	.064	9	56	.93	159	.17	5	2.35	.02	.21	1	12	10
L114+00N 98+00E	1	44	9	89	.1	44	14	560	4.44	6	5	ND	1	24	.4	2	2	84	.26	.050	8	62	.93	168	.16	5	2.46	.02	.19	1	8	10
L114+00N 98+25E	1	45	13	88	.1	48	14	482	4.03	5	5	ND	1	22	.2	2	7	76	.28	.054	8	57	.87	140	.16	2	2.30	.02	.19	1	6	30
L114+00N 98+50E	1	55	6	113	.2	62	20	655	4.54	16	5	ND	1	26	.2	4	6	86	.40	.089	8	64	.99	159	.17	2	2.43	.02	.23	1	17	20
L114+00N 99+00E	1	52	9	100	.2	62	18	595	4.12	8	5	ND	1	23	.5	2	2	78	.34	.059	7	66	.92	175	.16	4	2.34	.02	.22	1	6	30
L114+00N 99+50E	1	51	8	110	.2	56	17	602	4.21	18	5	ND	1	29	.2	2	2	78	.39	.075	7	61	.90	151	.16	2	2.28	.02	.24	1	17	20
L114+00N 100+50E	1	53	13	118	.1	51	16	526	4.04	12	5	ND	1	30	.9	2	2	85	.44	.084	6	66	.95	178	.19	2	2.53	.02	.27	1	2	20
L114+00N 101+00E	1	52	12	105	.2	51	15	603	4.31	13	5	ND	1	18	.3	2	5	85	.24	.064	7	66	.91	160	.16	2	2.78	.01	.25	1	2	10
L114+00N 101+50E	2	64	21	95	.4	47	19	1013	3.94	8	5	ND	1	47	.3	2	6	72	.56	.135	9	54	.76	161	.09	3	2.49	.02	.14	1	4	60
L114+00N 102+00E	1	46	16	106	.1	43	13	558	3.92	6	5	ND	1	26	.2	2	2	78	.31	.083	6	58	.86	159	.14	2	2.51	.02	.27	1	6	30
L114+00N 102+50E	1	49	15	108	.2	53	12	387	4.11	7	6	ND	1	28	.4	2	2	93	.41	.094	5	94	1.29	233	.20	2	2.82	.02	.43	1	8	40
L114+00N 103+00E	1	48	8	110	.1	40	15	629	4.46	9	5	ND	1	23	.4	2	2	89	.29	.077	7	63	.88	163	.14	2	2.43	.02	.13	1	4	30
L114+00N 103+50E	1	58	18	107	.1	55	17	591	4.18	23	5	ND	2	24	.2	5	2	81	.39	.104	9	60	.94	154	.18	2	2.56	.02	.26	3	7	10
L114+00N 104+00E	1	52	8	76	.1	31	12	698	3.21	7	5	ND	1	36	.2	2	2	59	.43	.133	11	44	.58	212	.07	3	1.97	.02	.10	1	11	80
L114+00N 104+50E	1	70	11	106	.4	54	40	3254	5.22	25	5	ND	1	31	1.3	3	4	86	.36	.119	8	67	.88	267	.13	2	3.16	.02	.23	2	4	70
L114+00N 105+00E	1	43	6	97	.1	48	13	482	3.82	9	5	ND	1	22	.2	2	5	82	.32	.065	6	70	.98	175	.20	3	2.39	.02	.39	1	4	30
L114+00N 105+50E	1	43	8	111	.1	40	13	447	4.01	9	5	ND	1	22	.4	2	2	84	.29	.073	9	67	1.00	178	.19	5	2.62	.02	.37	1	4	20
L114+00N 106+00E	1	44	11	119	.1	41	14	604	4.53	6	5	ND	1	20	.2	2	2	94	.25	.077	6	68	.85	132	.15	2	2.66	.01	.16	1	2	40
L114+00N 106+50E	1	40	11	95	.1	44	13	516	3.83	9	5	ND	1	19	.3	2	2	78	.23	.042	7	60	.85	168	.18	2	2.33	.01	.28	1	3	10
L114+00N 107+00E	1	50	12	105	.1	45	14	576	4.27	5	5	ND	2	22	.6	3	2	85	.37	.084	7	82	1.10	220	.17	2	2.70	.01	.32	1	4	10
L114+00N 107+50E	1	48	9	109	.1	42	14	480	4.54	2	5	ND	1	27	.4	2	2	102	.34	.062	6	75	1.01	237	.22	2	2.62	.02	.36	1	5	20
L114+00N 108+00E	1	42	7	85	.2	30	24	1605	3.89	12	5	ND	1	25	.3	2	2	69	.27	.153	11	55	.65	163	.07	2	2.36	.01	.12	1	3	80
L114+00N 108+50E	1	38	12	95	.1	39	11	443	3.67	7	5	ND	1	21	.2	2	3	77	.30	.050	6	61	.88	175	.17	3	2.17	.01	.26	1	6	10
L114+00N 109+00E	1	49	13	103	.1	52	14	460	4.24	13	5	ND	1	20	.7	4	2	93	.37	.097	8	81	1.09	250	.24	2	2.83	.02	.51	1	5	10
L112+00N 91+00E	1	51	12	110	.1	48	16	723	4.59	9	5	ND	1	25	.3	2	2	89	.29	.076	6	67	.99	186	.16	2	2.93	.01	.27	1	9	20
L112+00N 91+50E	1	52	2	109	.1	47	15	729	4.47	2	5	ND	1	30	.2	2	2	92	.36	.080	7	69	.96	236	.18	2	3.00	.02	.25	1	8	20
L112+00N 92+00E	1	41	8	86	.1	41	13	463	3.80	5	5	ND	1	26	.5	2	2	79	.33	.063	7	58	.82	175	.18	3	2.22	.02	.30	1	5	10
L112+00N 92+50E	1	58	14	106	.1	49	17	650	4.34	2	5	ND	1	27	.2	2	2	86	.37	.083	7	61	.91	167	.17	2	2.54	.02	.23	1	8	20
L112+00N 93+00E	1	60	5	108	.1	51	15	600	4.35	2	5	ND	1	22	.2	2	2	93	.28	.068	6	71	.94	212	.22	5	2.92	.02	.36	1	3	30
L112+00N 93+50E	1	51	5	96	.1	43	16	630	4.08	2	5	ND	1	27	.2	2	3	80	.36	.064	7	62	.88	175	.16	2	2.53	.02	.24	1	3	20
L112+00N 94+00E	1	58	5	117	.1	51	17	666	4.52	2	5	ND	1	25	.2	2	2	98	.37	.096	6	82	1.05	232	.23	2	2.91	.02	.41	1	9	10
L112+00N 94+50E	1	51	9	104	.2	46	20	1097	4.18	3	5	ND	1	24	.2	2	2	84	.29	.087	6	59	.82	163	.14	5	2.47	.01	.16	2	8	40
STANDARD C/AU-S	17	59	38	132	7.3	72	28	1029	4.14	38	16	6	36	51	18.5	15	18	55	.54	.094	35	61	.92	183	.07	33	1.98	.06	.14	13	46	1400

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
L112+00N 95+00E	1	56	9	111	.2	47	18	749	4.25	43	5	ND	1	21	.8	2	2	86	.24	.078	8	66	.93	150	.17	4	2.76	.02	.27	1	1	30
L112+00N 95+50E	1	57	18	127	.3	51	19	754	4.61	22	5	ND	1	28	.5	3	2	92	.37	.082	6	70	1.00	156	.16	2	2.82	.01	.23	1	4	40
L112+00N 96+00E	1	59	4	105	.1	55	15	680	4.06	9	5	ND	1	26	1.3	2	2	89	.35	.082	6	71	.95	200	.20	3	2.83	.01	.38	1	1	10
L112+00N 96+50E	1	46	7	97	.1	45	14	574	3.90	28	5	ND	1	20	.6	2	2	84	.24	.065	7	65	.90	162	.17	2	2.58	.01	.27	1	2	10
L112+00N 97+00E	1	45	14	105	.1	48	15	558	3.67	2	5	ND	1	26	.5	2	2	81	.42	.096	8	63	.88	158	.18	2	2.33	.02	.28	1	1	5
L112+00N 97+25E	1	49	12	112	.2	50	17	665	4.19	8	5	ND	1	24	.8	2	2	91	.29	.068	6	81	1.02	193	.19	4	2.72	.01	.29	1	3	5
L112+00N 97+50E	1	39	3	89	.1	28	12	483	3.60	2	5	ND	1	25	.6	2	2	84	.37	.089	7	43	.62	107	.16	2	1.71	.02	.12	1	1	10
L112+00N 97+75E	1	45	7	101	.4	43	12	515	4.03	295	5	ND	1	32	.4	32	2	70	.35	.089	8	56	.84	159	.14	2	2.17	.02	.28	1	49	5
L112+00N 98+00E	1	63	8	122	.2	50	22	1023	4.59	34	5	ND	1	32	1.2	3	2	85	.32	.090	9	60	.96	178	.12	2	2.71	.01	.15	1	7	20
L112+00N 98+25E	1	38	10	100	.1	31	11	489	3.56	11	5	ND	1	35	.7	2	7	77	.41	.079	8	46	.66	138	.08	2	1.71	.01	.08	1	10	20
L112+00N 98+50E	1	40	11	83	.1	39	14	468	3.43	9	5	ND	1	21	.6	2	6	69	.30	.065	8	51	.83	113	.15	4	1.97	.01	.17	1	4	10
L112+00N 98+75E	1	37	11	91	.1	37	14	732	3.73	5	5	ND	1	29	.9	2	5	80	.35	.078	7	51	.72	125	.13	3	1.94	.01	.13	1	2	30
L112+00N 99+00E	1	60	6	110	.2	47	17	629	4.11	8	5	ND	1	25	.6	2	2	81	.30	.095	8	62	.94	134	.14	2	2.64	.02	.16	1	1	40
L112+00N 99+50E	1	41	16	117	.1	39	14	573	3.77	20	5	ND	1	21	.7	6	2	78	.30	.056	7	60	.89	168	.16	3	2.24	.01	.28	1	4	90
L112+00N 100+50E	1	45	11	95	.2	44	13	463	4.06	6	5	ND	1	26	1.0	2	3	85	.30	.077	7	66	.98	165	.15	2	3.01	.01	.23	1	2	40
L112+00N 101+00E	1	42	2	84	.1	39	13	472	3.59	9	5	ND	1	21	.7	2	2	76	.29	.067	8	56	.85	136	.16	2	2.36	.01	.23	1	2	10
L112+00N 101+50E	1	38	9	94	.1	40	12	492	3.54	7	5	ND	1	23	.9	2	5	76	.28	.051	7	56	.79	171	.16	2	2.29	.01	.28	1	1	20
L112+00N 102+00E	1	33	8	87	.2	35	10	419	3.12	13	5	ND	1	28	1.1	3	2	71	.40	.065	5	56	.74	171	.14	2	1.92	.01	.23	1	7	30
L112+00N 102+50E	1	63	13	87	.2	47	25	931	4.67	11	5	ND	1	30	.2	2	2	82	.35	.098	9	58	.85	158	.12	4	3.07	.02	.15	1	5	40
L112+00N 103+00E	1	39	12	82	.1	38	13	419	3.27	4	5	ND	1	21	.6	2	6	69	.33	.067	8	51	.75	133	.15	2	2.06	.01	.19	1	9	50
L112+00N 103+50E	1	43	12	100	.1	42	12	504	3.93	10	5	ND	1	26	.4	2	2	80	.37	.076	8	56	.84	146	.14	2	2.24	.01	.15	1	3	10
L112+00N 104+00E	1	43	12	96	.2	46	14	497	3.79	35	5	ND	2	22	.7	4	2	83	.37	.093	8	74	1.05	205	.18	2	2.68	.01	.33	1	3	5
L112+00N 104+50E	1	44	2	85	.1	43	10	279	3.28	2	5	ND	1	20	.2	2	2	79	.29	.063	7	71	1.05	165	.20	2	2.68	.01	.34	1	3	5
L112+00N 105+00E	1	47	2	87	.1	43	11	315	3.96	5	5	ND	1	18	.7	2	2	86	.21	.049	7	72	1.07	177	.19	4	2.81	.01	.32	1	2	10
L112+00N 105+50E	1	41	8	93	.1	36	12	469	3.55	7	5	ND	1	30	.9	2	2	75	.43	.076	6	54	.78	161	.14	3	2.16	.01	.18	1	8	60
L112+00N 106+00E	1	57	6	98	.2	56	19	655	3.96	7	5	ND	1	20	1.4	2	2	80	.25	.055	8	62	.94	168	.17	2	2.58	.01	.23	1	2	20
L112+00N 106+50E	1	48	2	95	.1	45	16	700	4.28	8	5	ND	1	19	1.1	3	4	86	.21	.083	6	64	.92	166	.15	2	2.75	.01	.24	1	1	20
L112+00N 107+00E	1	40	6	90	.1	30	20	1289	4.11	8	5	ND	1	22	.6	2	2	88	.23	.088	8	46	.63	123	.12	2	2.02	.01	.09	1	1	30
L112+00N 107+50E	1	47	8	99	.2	43	15	767	4.06	9	5	ND	1	27	.9	2	2	84	.35	.094	8	64	.91	195	.14	8	2.77	.02	.21	1	1	40
L112+00N 108+00E	1	47	12	103	.1	45	15	807	4.02	5	5	ND	1	30	.9	2	2	95	.39	.082	5	91	1.18	266	.20	2	2.96	.01	.44	1	2	30
L112+00N 108+50E	1	56	17	100	.2	50	12	324	5.20	24	5	ND	1	30	1.7	2	3	112	.33	.099	7	76	1.02	232	.15	2	3.44	.01	.24	1	1	40
L112+00N 109+00E	1	39	2	81	.1	33	10	426	3.26	5	5	ND	1	32	.3	2	2	72	.38	.085	7	54	.75	192	.12	4	2.08	.02	.18	1	6	60
L111+00N 97+60E	1	47	14	100	.1	42	12	474	4.03	30	5	ND	1	25	.5	2	2	85	.31	.083	7	63	.90	157	.14	2	2.60	.01	.20	1	12	10
L111+00N 97+85E	1	50	2	102	.1	44	14	625	3.63	46	5	ND	1	47	.6	4	2	72	.34	.082	8	53	.84	167	.13	2	2.37	.01	.20	1	5	5
L111+00N 98+10E	1	31	9	94	.1	24	11	448	3.52	13	5	ND	1	23	.3	2	3	78	.26	.061	6	39	.60	97	.12	3	1.52	.01	.06	1	1	5
L111+00N 98+35E	1	33	3	67	.2	24	12	457	3.10	4	5	ND	1	26	.2	2	2	72	.30	.069	6	34	.51	102	.13	3	1.34	.02	.13	1	4	5
STANDARD C/AU-S	18	59	40	132	7.3	72	29	1061	3.98	40	19	7	36	53	18.8	15	22	55	.56	.099	37	60	.96	180	.07	36	2.01	.06	.14	11	52	1400

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au- ppb	Hg ppb
L111+00N 98+60E	1	51	11	99	.2	41	19	868	4.50	15	5	ND	1	37	.5	2	10	84	.34	.092	6	62	.91	172	.13	5	2.85	.01	.25	1	3	40
L111+00N 98+85E	1	38	12	101	.1	42	15	501	3.78	13	5	ND	1	21	.2	2	3	77	.37	.073	6	60	.85	152	.16	5	2.14	.01	.29	1	11	10
L110+50N 97+50E	1	45	7	115	.1	43	16	669	4.16	64	5	ND	1	24	.3	2	2	78	.30	.064	5	60	.82	148	.12	2	2.42	.01	.22	1	18	30
L110+50N 97+75E	1	47	6	102	.2	39	18	982	3.98	47	5	ND	1	33	.9	5	6	75	.43	.085	7	54	.78	169	.11	4	2.35	.01	.17	1	12	40
L110+50N 98+00E	1	38	5	83	.1	32	13	535	3.52	12	5	ND	1	23	.2	2	2	69	.35	.073	7	50	.74	128	.13	5	1.96	.01	.17	2	2	10
L110+50N 98+25E	1	39	10	82	.1	20	11	310	4.21	17	5	ND	1	20	.2	2	6	95	.31	.084	6	30	.45	68	.13	3	1.21	.01	.05	1	7	10
L110+50N 98+50E	1	38	13	83	.1	37	13	552	3.63	10	5	ND	1	25	.2	2	2	71	.35	.069	6	50	.74	143	.11	3	2.00	.01	.20	1	1	20
L110+50N 98+75E	1	53	10	112	.2	46	18	700	4.52	41	5	ND	1	30	1.0	9	6	82	.31	.075	6	67	1.07	141	.12	5	2.63	.01	.23	1	5	20
L110+50N 98+94E	1	31	2	73	.1	30	11	379	3.11	5	5	ND	1	20	.7	2	5	62	.35	.077	7	46	.69	127	.13	4	1.76	.01	.21	1	6	10
L110+50N 99+20E	1	35	3	68	.1	31	11	331	6.02	4	5	ND	1	18	.6	2	7	63	.29	.061	7	49	.72	142	.15	6	2.03	.01	.23	1	1	20
L110+00N 91+00E	1	38	7	88	.1	30	17	1217	3.98	3	5	ND	1	31	.4	2	5	73	.43	.105	5	52	.72	186	.10	3	2.09	.01	.19	1	3	40
L110+00N 91+50E	1	51	4	112	.1	44	16	778	4.52	14	5	ND	1	27	.9	3	2	94	.33	.073	6	76	1.02	274	.16	5	3.00	.01	.33	1	9	20
L110+00N 92+00E	1	46	12	102	.1	44	13	574	4.06	10	5	ND	1	26	.5	2	2	81	.35	.073	6	62	.93	171	.15	5	2.45	.01	.31	1	4	10
L110+00N 92+50E	1	44	6	109	.1	41	14	678	4.63	6	5	ND	1	30	.5	2	2	91	.29	.086	5	66	.92	192	.15	6	2.56	.01	.28	1	6	20
L110+00N 93+00E	1	55	13	103	.1	46	17	739	4.48	2	5	ND	1	23	.3	2	2	87	.23	.064	8	63	.93	165	.15	4	2.89	.01	.17	1	1	30
L110+00N 93+50E	1	46	10	100	.1	38	13	499	4.25	3	5	ND	1	19	.6	2	3	81	.18	.060	6	56	.80	114	.13	2	2.38	.01	.18	1	2	20
L110+00N 94+00E	1	52	3	105	.3	44	17	691	4.27	9	5	ND	1	26	.5	2	2	83	.31	.078	6	64	.92	171	.15	3	2.75	.01	.25	2	10	20
L110+00N 94+50E	1	43	9	94	.1	40	14	577	3.60	10	5	ND	1	28	.8	2	5	72	.35	.067	6	54	.78	143	.13	2	2.37	.01	.20	1	6	30
L110+00N 95+00E	1	43	2	99	.1	37	14	648	3.92	9	5	ND	1	29	.2	2	3	75	.36	.084	6	54	.79	146	.12	3	2.13	.01	.19	1	5	40
L110+00N 95+50E	1	40	2	95	.1	36	11	423	3.80	12	5	ND	1	21	.6	2	2	76	.27	.066	5	55	.75	128	.14	3	2.02	.01	.24	1	1	30
L110+00N 96+00E	1	39	6	94	.1	43	14	478	3.74	29	5	ND	1	17	.9	2	2	78	.21	.060	6	57	.77	151	.16	2	2.19	.01	.28	1	23	10
L110+00N 96+50E	1	40	8	94	.1	39	13	449	3.79	16	5	ND	1	22	.2	2	3	75	.31	.075	6	55	.78	138	.13	2	2.19	.01	.22	1	11	20
L110+00N 97+00E	1	36	8	84	.1	36	11	406	3.88	15	5	ND	1	23	.2	2	2	86	.29	.056	6	57	.71	130	.16	4	1.95	.01	.17	1	7	10
L110+00N 97+25E	1	35	10	79	.1	34	11	423	3.51	10	5	ND	1	21	.3	2	2	73	.25	.060	6	51	.71	131	.13	3	1.83	.01	.21	1	5	5
L110+00N 97+50E	2	41	16	94	.1	33	15	823	3.63	19	5	ND	1	28	.2	2	2	66	.32	.103	9	45	.63	141	.08	2	2.00	.01	.11	1	6	80
L110+00N 97+75E	1	36	4	82	.1	34	10	374	3.31	11	5	ND	1	18	.2	2	2	70	.27	.054	6	51	.74	145	.16	3	1.88	.01	.26	1	15	5
L110+00N 98+00E	1	48	6	99	.1	41	12	498	3.87	73	5	ND	1	25	.3	2	2	73	.31	.084	7	54	.81	150	.12	2	2.38	.01	.16	1	17	60
L110+00N 98+25E	1	41	2	97	.1	36	14	486	3.88	63	5	ND	1	24	.2	3	2	76	.36	.083	6	54	.80	148	.14	4	2.08	.01	.23	1	12	5
L110+00N 98+50E	1	38	6	85	.1	38	14	476	3.50	10	5	ND	1	22	.2	2	2	70	.27	.047	5	54	.79	136	.15	4	1.94	.01	.24	1	21	5
L110+00N 98+75E	1	34	6	84	.1	39	12	426	3.53	17	5	ND	1	17	.6	2	2	73	.22	.043	6	54	.77	153	.16	2	2.01	.01	.26	2	7	5
L110+00N 99+00E	1	38	10	81	.1	37	11	454	3.24	12	5	ND	1	23	.4	2	4	67	.29	.046	7	54	.81	152	.15	3	2.12	.01	.21	1	3	20
L110+00N 99+50E	1	26	2	79	.1	33	10	369	3.05	8	5	ND	1	18	.2	2	5	66	.23	.048	6	55	.84	126	.15	2	1.96	.01	.23	1	2	20
L110+00N 100+50E	1	45	4	84	.1	41	13	426	3.57	8	5	ND	1	20	.4	2	2	72	.30	.059	6	55	.88	170	.17	4	2.30	.01	.30	1	11	10
L110+00N 101+00E	1	39	2	83	.1	40	15	726	3.75	10	5	ND	1	24	.2	3	2	76	.28	.061	6	58	.82	178	.14	2	2.36	.01	.22	1	1	10
L110+00N 101+50E	1	34	2	71	.3	21	14	1596	2.23	3	5	ND	1	60	.5	2	4	35	.84	.148	10	28	.42	230	.03	2	1.40	.01	.07	1	3	80
L110+00N 102+00E	1	33	2	82	.1	35	11	395	3.49	9	5	ND	1	20	.2	2	2	78	.24	.049	4	49	.63	145	.15	2	1.71	.01	.23	1	2	20
STANDARD C/AU-S	18	58	39	132	7.3	72	29	1036	4.17	41	19	7	36	51	18.4	15	19	55	.54	.094	36	58	.93	180	.07	34	1.99	.06	.14	11	49	1500

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
L110+00N 102+50E	2	51	20	102	.2	42	16	935	3.97	20	5	ND	1	61	1.5	2	3	77	.47	.107	10	52	.76	197	.10	4	2.29	.02	.16	2	5	50
L110+00N 103+00E	1	68	8	120	.1	56	15	637	4.85	25	5	ND	1	27	.7	2	9	101	.41	.106	6	81	1.04	284	.24	3	3.69	.02	.68	2	3	10
L110+00N 103+50E	1	23	4	65	.1	10	11	513	4.44	2	5	ND	1	13	.2	2	7	121	.16	.040	2	18	.18	36	.18	3	.53	.02	.04	1	4	10
[illegible]	1	51	19	116	[illegible]	42	20	1372	4.54	130	5	ND	1	37	.4	5	3	88	.43	.110	9	76	.93	267	.10	2	3.02	.01	.22	1	28	30
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	2	3	89	.34	[illegible]	7	79	.95	228	.17	5	3.01	.02	.38	1	7	30
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	2.32	.01	.11	1	6	20
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	2.48	.02	.18	1	7	30
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	2.17	.02	.30	1	3	10
[illegible]	1	[illegible]	15	[illegible]	[illegible]	41	13	[illegible]	3.70	7	5	ND	1	28	1.0	2	5	79	.39	.095	9	62	.91	184	.16	2	2.54	.02	.30	2	5	20
L110+00N 107+00E	1	43	14	95	.3	35	15	823	3.98	92	5	ND	1	34	1.1	2	6	77	.38	.110	8	57	.78	186	.11	2	2.55	.01	.22	1	15	50
L110+00N 107+50E	1	37	9	79	.1	39	10	396	3.25	49	5	ND	1	19	1.0	5	2	72	.33	.088	7	62	.86	169	.15	3	2.53	.01	.34	1	20	20
L110+00N 108+00E	1	40	13	82	.1	44	10	390	3.66	14	5	ND	1	22	.2	2	6	79	.35	.071	7	65	.97	165	.19	3	2.68	.01	.34	2	7	10
L110+00N 108+50E	1	48	13	105	.1	54	10	336	4.08	51	5	ND	1	21	1.0	6	2	91	.33	.069	8	83	1.11	292	.20	3	3.39	.02	.50	1	9	10
L110+00N 109+00E	1	52	17	126	.1	53	21	722	4.45	15	5	ND	1	27	.4	2	5	91	.30	.072	7	70	.99	211	.16	2	2.84	.02	.35	1	10	50
L109+50N 97+35E	1	38	9	89	.1	42	12	508	3.44	5	5	ND	1	23	.2	2	2	76	.33	.060	7	59	.83	162	.18	5	2.25	.02	.29	1	4	20
L109+50N 97+60E	2	39	19	57	.6	25	9	1016	2.85	16	5	ND	1	40	.6	2	2	55	.48	.172	10	41	.50	137	.05	2	1.73	.02	.07	1	9	120
L109+50N 97+85E	1	53	17	104	.2	43	13	547	4.01	40	5	ND	1	35	.8	3	2	84	.42	.083	8	63	.89	182	.15	3	2.58	.03	.24	2	9	30
L109+50N 98+10E	1	43	18	89	.2	37	12	539	3.54	54	5	ND	2	24	1.3	3	3	75	.35	.081	9	57	.82	145	.16	5	2.37	.02	.23	1	22	10
L109+50N 98+35E	1	50	14	113	.2	44	15	612	4.33	32	5	ND	1	33	.8	10	3	88	.43	.086	7	68	.95	188	.13	5	2.74	.01	.26	1	9	10
L109+50N 98+60E	1	55	5	117	.1	51	16	646	4.29	205	5	ND	1	28	.5	9	2	87	.37	.095	8	69	.93	164	.14	4	2.55	.01	.34	1	24	5
L109+50N 98+85E	1	47	9	108	.1	47	17	880	4.11	26	5	ND	1	28	.7	3	4	85	.36	.073	8	72	1.04	204	.15	7	2.79	.02	.29	1	7	20
L109+00N 97+25E	1	44	9	92	.1	43	13	523	3.67	14	5	ND	1	23	.4	2	2	84	.42	.103	9	66	.91	168	.20	6	2.54	.02	.35	1	20	10
L109+00N 97+50E	1	38	8	94	.1	38	12	435	3.66	11	5	ND	1	22	1.0	2	2	77	.31	.050	8	58	.84	137	.17	5	2.22	.02	.20	1	16	20
L109+00N 97+75E	1	43	18	106	.1	44	14	647	4.05	108	5	ND	1	30	.4	7	4	85	.36	.057	7	66	.88	210	.15	2	2.58	.02	.27	1	22	20
L109+00N 98+00E	1	61	17	103	.3	42	14	683	4.67	79	5	ND	1	39	.2	4	2	87	.42	.124	9	64	.88	209	.10	3	2.95	.02	.16	1	7	60
L109+00N 98+25E	1	52	11	116	.2	38	15	740	4.15	155	5	ND	1	37	.3	10	6	84	.43	.089	7	55	.80	173	.11	2	2.51	.02	.16	1	31	30
L109+00N 98+50E	1	50	12	94	.1	30	14	582	4.30	37	5	ND	1	28	.2	2	2	96	.31	.087	8	45	.64	143	.12	4	2.00	.02	.09	1	20	20
L109+00N 98+75E	1	66	18	113	.1	43	28	2316	4.74	23	5	ND	1	43	1.1	2	2	86	.52	.120	13	63	.87	240	.08	3	2.99	.02	.15	1	9	60
L109+00N 99+00E	1	33	2	91	.1	29	12	490	3.47	11	5	ND	1	28	.2	2	2	79	.32	.072	6	43	.61	146	.10	4	1.55	.02	.11	1	6	30
L108+50N 97+25E	1	41	15	100	.1	41	12	557	3.62	14	5	ND	1	28	.2	2	2	81	.36	.071	7	62	.86	183	.17	6	2.37	.02	.30	1	10	20
L108+50N 97+50E	1	40	7	94	.1	39	11	394	3.63	10	5	ND	1	33	.2	2	2	80	.38	.084	7	64	.95	175	.14	4	2.82	.02	.20	1	11	50
L108+50N 97+75E	1	47	11	108	.1	46	14	651	3.98	188	5	ND	1	26	.5	10	2	79	.36	.073	7	67	.90	187	.14	7	2.57	.01	.30	1	26	20
L108+50N 98+00E	1	50	12	122	.1	49	16	679	4.40	79	5	ND	1	31	.2	4	2	91	.40	.075	7	73	.99	218	.16	5	2.80	.02	.34	1	14	10
L108+50N 98+25E	1	44	10	104	.1	32	12	640	3.61	298	5	ND	1	27	.4	15	3	72	.30	.086	6	50	.68	146	.10	2	2.16	.02	.21	1	54	30
L108+50N 98+50E	1	62	14	121	.1	50	16	870	4.65	471	5	ND	1	32	.4	20	6	91	.35	.090	8	71	.90	237	.11	4	3.12	.02	.29	1	91	20
L108+50N 98+75E	1	73	21	123	.1	58	18	1327	4.69	73	5	ND	1	32	.9	7	6	96	.35	.085	7	80	1.03	248	.15	3	3.20	.01	.37	1	24	20
STANDARD C/AU-S	19	57	41	132	7.2	72	29	1051	3.96	42	21	7	37	52	18.6	16	20	55	.55	.094	36	59	.95	179	.07	35	2.00	.06	.14	11	45	1300

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au ppb	Hg ppb
L108+50N 99+00E	1	66	6	131	.1	67	20	848	4.68	52	5	ND	1	26	.9	4	4	95	.48	.149	5	76	.97	305	.23	5	3.54	.02	.68	1	8	20
L108+00N 91+00E	1	49	2	99	.2	33	17	2196	3.64	5	5	ND	1	40	.2	2	2	71	.50	.128	9	56	.79	205	.09	6	2.36	.01	.15	1	11	60
L108+00N 91+50E	1	47	10	131	.1	37	16	1910	3.74	6	5	ND	1	50	.2	2	2	75	.65	.124	9	63	.86	247	.11	8	2.61	.02	.19	1	6	40
L108+00N 92+00E	1	43	4	104	.1	42	14	632	4.18	3	5	ND	1	38	.2	2	2	86	.46	.082	7	65	.96	190	.16	2	2.56	.02	.24	1	5	20
L108+00N 92+50E	1	39	2	87	.1	44	12	378	3.81	3	5	ND	1	23	.2	2	2	81	.32	.040	7	64	.94	195	.21	5	2.37	.02	.32	1	1	10
L108+00N 93+00E	1	39	5	93	.1	41	12	431	3.97	2	5	ND	1	34	.4	2	2	82	.43	.069	7	64	.97	186	.17	2	2.59	.02	.24	1	4	30
L108+00N 93+50E	1	41	2	93	.1	38	13	591	3.79	19	5	ND	1	25	.2	4	5	77	.33	.075	8	63	.88	172	.16	3	2.50	.02	.30	2	7	20
L108+00N 94+00E	1	39	4	90	.1	34	11	490	3.58	2	5	ND	1	37	.2	2	6	73	.47	.081	6	50	.73	129	.12	4	1.83	.02	.19	1	3	40
L108+00N 94+50E	1	41	2	104	.1	39	12	444	4.21	3	5	ND	1	26	.2	2	2	87	.35	.052	6	63	.87	171	.19	2	2.27	.02	.24	1	4	30
L108+00N 95+00E	1	42	8	94	.1	39	14	522	3.87	10	5	ND	1	25	.2	5	2	79	.31	.062	7	59	.83	157	.17	3	2.24	.02	.27	1	9	30
L108+00N 95+50E	1	44	6	93	.1	41	16	585	4.03	7	5	ND	1	28	.2	2	2	82	.37	.068	8	70	.96	182	.17	3	2.52	.02	.27	2	5	20
L108+00N 96+00E	1	54	3	104	.2	42	15	601	4.61	8	5	ND	1	46	.2	2	2	88	.57	.086	8	60	.90	182	.14	2	2.59	.02	.16	1	5	60
L108+00N 96+50E	1	52	2	115	.1	45	16	744	4.43	346	5	ND	1	33	.2	9	2	74	.45	.092	10	58	.86	184	.12	5	2.47	.01	.25	1	64	30
L108+00N 97+00E	1	47	2	99	.1	40	15	754	4.17	20	5	ND	1	35	.2	2	2	80	.43	.077	9	62	.90	202	.15	6	2.65	.02	.25	1	6	40
L108+00N 97+50E	1	47	10	109	.2	38	16	791	4.27	55	5	ND	1	39	.2	5	3	82	.51	.096	7	63	.85	211	.12	3	2.47	.01	.17	1	10	30
L108+00N 98+00E	1	51	10	106	.1	41	13	514	4.16	212	5	ND	1	28	.2	14	2	72	.36	.082	8	54	.73	155	.10	4	2.14	.01	.21	1	34	40
L108+00N 98+25E	1	45	7	120	.4	40	14	642	4.66	559	5	ND	1	26	.2	18	2	84	.33	.102	9	56	.75	165	.07	2	2.34	.01	.14	1	106	20
L108+00N 98+50E	1	65	3	136	.1	50	16	630	4.65	384	5	ND	1	39	.6	18	5	76	.51	.106	10	62	.94	184	.12	6	2.54	.02	.26	1	74	30
L108+00N 98+75E	1	65	4	137	.1	56	19	875	5.01	73	5	ND	1	33	.8	5	2	94	.55	.129	8	72	1.12	336	.19	3	3.44	.02	.74	1	6	20
L108+00N 99+00E	1	58	2	124	.1	52	18	834	4.69	40	5	ND	1	32	.6	3	2	90	.50	.106	6	70	.92	290	.18	5	3.11	.02	.52	1	6	20
L108+00N 99+50E	1	45	9	103	.1	43	13	479	4.14	61	5	ND	1	27	.2	9	2	82	.33	.056	7	68	.98	214	.18	4	2.74	.02	.38	1	20	20
L108+00N 100+50E	1	51	4	130	.1	38	18	973	4.06	9	5	ND	1	48	.2	3	2	79	.58	.125	8	55	.81	179	.12	2	2.21	.02	.26	1	3	80
L108+00N 101+00E	1	57	3	91	.4	35	14	1958	2.96	4	5	ND	1	80	.2	2	2	51	1.00	.188	11	39	.58	240	.05	6	1.88	.02	.13	1	1	110
L108+00N 101+50E	1	58	2	120	.1	57	18	625	5.31	23	5	ND	1	21	.8	3	2	108	.32	.079	6	91	1.17	341	.25	4	3.72	.02	.64	1	10	30
L108+00N 102+00E	1	47	2	104	.1	46	13	513	4.43	18	5	ND	1	23	.5	2	2	94	.27	.043	6	81	1.13	237	.22	2	2.94	.02	.44	1	4	20
L108+00N 102+50E	1	54	5	108	.2	45	16	770	4.63	11	5	ND	1	35	.2	2	6	95	.41	.098	7	75	.99	263	.17	6	2.84	.02	.39	1	3	40
L108+00N 103+00E	1	36	17	94	.1	44	9	278	3.81	24	5	ND	1	22	.2	2	3	81	.37	.080	7	67	.92	188	.20	2	2.69	.02	.40	1	4	10
L108+00N 103+50E	1	46	7	101	.1	44	16	1137	4.10	26	5	ND	1	34	.3	2	5	80	.43	.096	8	64	.85	267	.13	3	2.82	.01	.28	1	4	30
L108+00N 104+00E	1	40	6	93	.1	41	13	658	3.91	15	5	ND	1	22	.6	2	2	84	.31	.069	7	76	1.00	249	.20	2	2.98	.02	.47	1	6	10
L108+00N 104+50E	1	54	2	108	.1	53	18	659	4.81	39	5	ND	1	26	.2	3	2	99	.25	.043	7	82	1.08	320	.24	6	3.42	.02	.60	1	12	30
L108+00N 105+00E	1	38	6	97	.1	45	12	439	3.92	14	5	ND	2	19	.2	4	2	83	.26	.041	8	69	.97	166	.21	3	2.37	.02	.42	2	6	20
L108+00N 105+50E	1	33	8	119	.1	37	14	634	3.87	12	5	ND	1	29	.2	3	3	81	.40	.054	6	62	.90	180	.18	4	2.20	.02	.32	2	6	20
L108+00N 106+00E	1	47	2	69	.3	22	10	722	2.25	3	5	ND	1	64	.3	2	3	39	.82	.134	15	28	.42	247	.05	3	1.37	.02	.05	1	4	100
L108+00N 106+50E	1	52	9	118	.2	44	17	852	4.66	138	5	ND	1	33	.7	9	4	89	.35	.108	8	74	.94	275	.13	5	3.11	.02	.30	1	15	40
L108+00N 107+00E	2	39	12	94	.1	30	17	1360	3.98	38	5	ND	1	47	.2	3	5	72	.55	.186	7	47	.65	289	.05	4	1.94	.02	.10	1	41	50
L108+00N 107+50E	2	49	2	112	.2	31	18	1792	3.68	18	5	ND	1	48	.2	3	4	61	.63	.161	12	51	.74	215	.06	4	2.44	.07	.12	1	6	110
STANDARD C/AU-S	17	58	37	132	7.2	67	29	1026	4.07	38	19	7	36	51	18.9	15	21	56	.54	.093	37	57	.91	181	.08	33	1.94	.06	.14	12	47	1400

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppb	Hg ppb
L108+00N 108+00E	1	50	6	110	.1	55	17	773	4.74	20	5	ND	1	35	.9	2	3	91	.47	.080	8	79	1.08	270	.16	9	2.86	.02	.30	1	3	30
L108+00N 108+50E	2	58	8	99	.2	41	25	2473	4.55	13	5	ND	1	48	.7	3	11	80	.65	.156	9	67	.88	274	.09	4	2.69	.02	.23	1	3	100
L108+00N 109+00E	1	42	3	115	.1	49	15	537	4.46	13	5	ND	1	23	.2	2	4	87	.34	.061	6	75	1.03	165	.18	4	2.62	.01	.31	1	1	40
L107+50N 97+25E	1	45	19	108	.1	49	16	601	4.71	204	5	ND	1	26	.5	9	2	89	.35	.867	7	81	1.03	206	.16	6	2.64	.02	.30	1	16	20
L107+50N 97+50E	2	60	10	118	.3	53	17	713	5.05	208	5	ND	1	39	.4	18	6	89	.51	.106	7	76	1.00	235	.10	3	3.05	.02	.28	1	19	50
L107+50N 97+75E	1	71	17	113	.3	47	24	1275	4.88	198	5	ND	1	65	.2	10	5	82	.76	.149	11	64	.84	253	.06	4	2.99	.01	.18	1	17	60
L107+50N 98+00E	2	51	8	100	.3	40	11	534	4.18	152	5	ND	1	42	.3	7	2	74	.55	.159	6	56	.66	168	.06	6	2.04	.01	.20	1	8	100
L107+50N 98+25E	2	34	13	100	.1	28	12	613	3.88	84	5	ND	1	33	.2	3	5	79	.42	.070	7	43	.61	106	.10	8	1.56	.01	.15	1	4	30
L107+50N 98+50E	1	71	18	158	.1	65	21	824	5.83	450	5	ND	2	27	.7	14	2	107	.49	.116	9	110	1.43	257	.18	4	3.28	.02	.43	1	39	10
L107+50N 98+75E	1	45	10	99	.1	44	14	533	4.14	75	5	ND	1	23	.4	2	4	81	.36	.095	7	67	.89	180	.14	4	2.43	.01	.25	1	11	20
L107+50N 99+00E	1	56	2	102	.1	57	15	540	4.91	51	5	ND	1	20	.4	3	7	92	.25	.044	7	72	.96	167	.18	2	3.03	.01	.33	1	5	30
L107+00N 97+25E	1	42	8	97	.1	43	12	456	3.83	32	5	ND	1	25	.3	2	2	80	.43	.077	7	64	.89	173	.18	7	2.30	.02	.35	1	5	10
L107+00N 97+50E	1	51	6	105	.1	49	16	566	4.34	64	5	ND	1	29	.2	5	4	88	.48	.090	7	73	.98	239	.19	6	2.71	.02	.40	2	8	30
L107+00N 97+75E	1	43	7	93	.2	44	13	500	4.11	143	5	ND	1	35	.2	7	2	79	.46	.087	7	73	.92	205	.11	2	2.50	.02	.29	2	10	20
L107+00N 98+00E	1	61	8	129	.2	51	16	629	5.00	191	5	ND	1	33	.2	8	2	94	.36	.089	8	77	.97	242	.13	8	3.12	.01	.27	1	13	40
L107+00N 98+25E	1	53	21	123	.1	53	16	700	4.89	604	5	ND	2	22	.2	17	3	86	.38	.093	8	84	1.06	223	.15	7	2.76	.01	.37	2	42	20
L107+00N 98+50E	1	51	7	115	.1	46	16	675	4.61	509	5	ND	1	32	.2	23	2	78	.44	.104	8	64	.89	186	.11	5	2.49	.01	.26	1	65	10
L107+00N 98+75E	1	71	11	143	.1	54	22	992	5.68	110	5	ND	1	34	.2	25	5	74	.61	.125	7	61	.82	232	.10	5	2.48	.02	.47	1	10	10
L107+00N 99+00E	2	37	10	102	.2	36	15	611	4.27	24	5	ND	1	31	.2	3	3	82	.45	.062	7	54	.79	176	.10	4	1.87	.01	.15	1	4	30
L106+50N 97+25E	1	50	3	100	.1	37	16	772	4.20	43	5	ND	1	42	.2	2	5	80	.54	.114	8	63	.86	200	.10	9	2.57	.02	.20	1	6	30
L106+50N 97+50E	2	41	18	131	.1	35	17	993	4.88	26	5	ND	1	29	.3	3	7	93	.32	.037	8	63	.90	134	.16	6	2.28	.01	.13	1	3	40
L106+50N 97+75E	1	43	9	93	.1	38	15	510	4.10	68	5	ND	1	26	.2	2	5	80	.32	.060	8	61	.83	168	.15	8	2.34	.02	.22	1	9	20
L106+50N 98+00E	1	37	3	115	.1	34	11	350	3.98	28	5	ND	1	21	.2	2	3	82	.30	.087	6	63	.81	118	.13	4	2.19	.02	.13	1	4	40
L106+50N 98+25E	1	52	14	99	.1	28	20	710	5.04	188	5	ND	1	22	.2	2	2	105	.26	.085	7	53	.66	128	.12	2	2.15	.01	.10	1	12	20
L106+50N 98+50E	1	44	16	109	.1	34	20	1090	4.58	54	5	ND	1	25	.2	2	2	84	.29	.092	8	55	.73	129	.08	5	2.18	.01	.09	1	5	20
L106+50N 98+75E	2	37	14	100	.1	35	13	604	4.08	23	5	ND	1	48	.2	2	2	77	.75	.081	7	52	.80	195	.09	4	1.85	.02	.09	1	2	50
L106+50N 99+00E	2	37	12	120	.1	36	15	766	4.43	26	5	ND	1	35	.2	2	2	80	.48	.055	7	56	.83	151	.13	6	1.93	.01	.20	1	6	20
L106+00N 91+00E	1	34	7	95	.1	36	12	378	4.06	19	5	ND	1	24	.2	2	2	82	.33	.069	6	68	.91	172	.13	5	2.55	.01	.26	1	7	40
L106+00N 91+50E	1	43	8	107	.1	37	14	464	4.56	12	5	ND	1	29	.2	2	3	96	.40	.051	7	70	.92	257	.16	2	2.46	.02	.23	1	1	30
L106+00N 92+00E	1	46	2	144	.1	43	18	877	4.42	17	5	ND	1	46	.2	2	2	87	.58	.089	8	72	1.00	260	.13	5	2.93	.01	.23	1	3	30
L106+00N 92+50E	1	61	12	123	.1	45	23	1092	5.10	15	5	ND	1	45	.2	2	2	105	.53	.101	7	92	1.16	268	.16	3	3.23	.02	.42	1	5	40
L106+00N 93+00E	2	53	6	113	.4	32	44	2480	3.75	5	5	ND	1	43	.2	2	2	61	.58	.165	12	50	.73	231	.06	3	2.27	.02	.14	1	4	150
L106+00N 93+50E	1	68	12	121	.1	51	21	1347	4.74	16	5	ND	1	55	.2	2	2	88	.72	.111	10	76	1.05	271	.13	7	3.11	.02	.31	1	4	50
L106+00N 94+00E	1	35	4	87	.1	36	14	587	3.63	9	5	ND	1	27	.2	2	2	79	.37	.067	5	63	.80	183	.15	5	1.93	.02	.30	1	4	40
L106+00N 94+50E	1	53	6	129	.1	49	16	592	4.70	15	5	ND	1	31	.2	2	8	97	.40	.076	7	75	1.02	245	.18	2	2.92	.02	.29	1	2	20
L106+00N 95+00E	2	47	5	107	.2	37	13	815	3.69	8	5	ND	1	44	.2	2	3	82	.56	.115	6	63	.79	219	.11	5	2.06	.02	.27	1	1	40
STANDARD C/AU-S	18	58	37	132	7.3	71	30	1036	4.17	42	20	7	37	52	18.3	15	22	55	.54	.094	36	60	.93	182	.07	36	1.98	.06	.14	13	50	1300

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
L106+00N 95+50E	2	59	9	123	.2	51	18	1155	5.14	19	5	ND	1	41	.8	2	2	106	.61	.093	7	89	1.12	268	.18	5	3.09	.02	.38	1	7	40
L106+00N 96+00E	1	63	7	123	.3	53	17	842	5.11	44	5	ND	1	48	.8	2	2	103	.63	.110	8	82	1.06	226	.15	3	2.99	.02	.27	1	9	50
L106+00N 96+50E	2	49	8	107	.3	38	17	728	3.97	12	5	ND	1	49	.4	3	2	81	.81	.120	8	63	.80	199	.11	2	1.98	.02	.26	1	4	70
L106+00N 97+00E	1	45	11	114	.1	43	17	646	4.69	24	5	ND	1	29	.5	2	2	102	.38	.087	8	86	1.10	214	.17	4	2.78	.02	.19	2	2	30
L106+00N 97+50E	2	26	6	84	.1	26	10	271	4.02	15	5	ND	1	33	.2	2	2	85	.40	.036	7	46	.55	101	.15	2	1.60	.01	.09	1	2	30
L106+00N 98+00E	1	55	13	119	.3	49	16	726	5.53	1222	5	ND	1	33	.3	37	2	77	.43	.098	9	67	.94	199	.07	3	2.42	.01	.20	1	153	5
L106+00N 98+25E	1	46	6	99	.1	40	13	510	4.29	360	5	ND	1	26	.6	16	2	79	.37	.093	9	60	.84	153	.11	4	2.34	.01	.19	2	49	5
L106+00N 98+50E	1	40	4	104	.1	35	14	774	4.17	347	5	ND	1	29	1.0	16	2	81	.67	.103	7	52	.72	135	.12	2	1.88	.01	.18	1	40	20
L106+00N 99+00E	1	15	3	60	.1	12	7	264	2.84	21	5	ND	1	19	.2	3	2	70	.22	.038	3	26	.29	72	.11	3	.78	.01	.06	1	1	10
L106+00N 99+50E	1	47	10	111	.4	45	15	725	4.68	115	5	ND	1	43	.7	9	2	89	.54	.091	7	72	.94	218	.12	4	2.82	.01	.30	2	21	40
L106+00N 100+50E	2	58	8	127	.2	48	18	797	4.73	43	5	ND	1	46	.8	2	3	88	.59	.112	8	65	.89	191	.12	2	2.58	.02	.24	2	4	50
L106+00N 101+00E	2	79	22	136	.5	56	20	875	5.52	38	5	ND	1	49	.9	3	3	101	.59	.118	9	76	1.04	229	.14	2	3.29	.02	.26	2	4	40
L106+00N 101+50E	1	67	3	124	.4	47	15	628	5.07	46	5	ND	1	49	.8	3	2	97	.63	.117	8	62	.85	202	.12	7	2.67	.02	.21	3	5	50
L106+00N 102+00E	2	29	16	82	.1	24	10	517	3.93	16	5	ND	1	26	.2	2	2	79	.27	.057	6	46	.54	91	.14	4	1.61	.02	.11	1	2	30
L106+00N 102+50E	1	73	4	154	.2	42	21	1353	4.02	28	5	ND	1	104	1.2	2	2	69	1.34	.176	12	51	.78	207	.08	6	2.49	.02	.17	3	4	100
L106+00N 103+00E	2	46	11	107	.3	32	17	755	3.89	22	5	ND	1	53	.7	2	2	70	.62	.088	8	44	.68	115	.11	4	1.88	.02	.10	1	4	50
L106+00N 103+50E	2	46	8	100	.2	28	11	749	4.06	13	5	ND	1	23	.6	2	3	72	.20	.082	7	49	.66	90	.07	2	2.24	.01	.07	1	2	40
L106+00N 104+00E	2	49	11	90	.4	33	14	452	4.12	28	5	ND	1	42	.4	2	2	71	.49	.096	7	56	.71	142	.09	2	2.19	.02	.14	1	3	70
L106+00N 104+50E	1	45	13	118	.1	37	15	667	4.67	50	5	ND	1	38	.6	2	2	85	.48	.071	7	61	.92	146	.13	5	2.36	.01	.21	1	4	30
L106+00N 105+00E	1	27	11	64	.2	20	8	162	2.47	15	5	ND	1	32	.2	2	6	47	.34	.075	8	30	.32	74	.08	2	1.09	.01	.08	3	2	100
L106+00N 105+50E	2	35	11	92	.3	25	12	315	3.29	10	5	ND	1	46	.2	3	2	61	.57	.090	7	39	.61	92	.09	5	1.49	.02	.09	2	3	70
L106+00N 106+00E	1	72	15	113	.1	42	17	966	4.51	67	5	ND	1	62	1.3	2	2	83	.71	.119	18	64	.85	292	.10	4	3.16	.01	.16	2	11	50
L106+00N 106+50E	1	68	12	100	.3	36	18	690	3.70	50	5	ND	1	74	1.1	3	2	64	.87	.152	13	49	.69	220	.07	6	2.29	.02	.13	1	7	100
L106+00N 107+00E	2	34	7	116	.1	32	17	965	3.91	13	5	ND	1	49	.2	2	2	73	.57	.069	7	50	.83	137	.10	2	1.79	.02	.17	1	4	40
L106+00N 107+50E	2	37	7	100	.1	32	15	737	4.35	39	5	ND	1	38	.3	2	2	85	.46	.072	7	46	.66	144	.10	3	1.85	.02	.08	1	5	20
L106+00N 108+00E	2	33	12	115	.1	27	10	601	4.08	22	5	ND	1	28	.2	2	2	85	.32	.065	7	47	.62	150	.13	2	1.75	.01	.11	1	1	20
L106+00N 108+50E	1	25	6	67	.1	10	9	332	3.67	4	5	ND	1	16	.2	2	2	93	.18	.038	2	20	.26	48	.15	2	.62	.02	.06	1	1	20
L106+00N 109+00E	1	36	16	110	.1	31	12	436	3.96	17	5	ND	1	32	.5	2	3	80	.38	.082	8	54	.75	129	.14	2	1.97	.02	.12	1	4	30
L104+00N 91+00E	1	49	14	109	.3	36	14	930	3.76	15	5	ND	1	61	.4	2	2	78	.73	.102	8	69	.93	230	.12	2	2.62	.02	.24	1	7	60
L104+00N 91+50E	2	51	3	71	.6	28	15	782	3.56	8	5	ND	1	52	.2	2	2	61	.60	.137	8	52	.67	164	.07	7	2.18	.02	.14	1	6	110
L104+00N 92+00E	3	60	15	94	.2	30	43	4917	3.97	11	5	ND	1	50	.2	2	3	63	.55	.193	9	46	.62	209	.05	3	2.04	.02	.12	1	5	90
L104+00N 92+50E	1	37	9	98	.1	35	12	424	3.96	11	5	ND	1	29	.2	2	2	85	.43	.084	7	73	1.02	205	.17	2	2.60	.01	.32	2	2	20
L104+00N 93+00E	1	41	16	103	.1	43	14	336	3.49	2	5	ND	1	34	.6	2	2	88	.39	.076	6	93	1.15	245	.18	5	3.18	.03	.36	1	5	80
L104+00N 93+50E	1	48	15	98	.1	44	13	359	4.24	6	5	ND	1	27	.7	2	2	107	.32	.060	5	97	1.12	260	.24	3	3.07	.03	.46	1	3	50
L104+00N 94+00E	2	63	12	79	.3	31	37	2491	3.62	2	5	ND	1	40	.2	2	2	71	.55	.107	8	64	.71	208	.11	2	2.26	.02	.24	1	4	120
L104+00N 94+50E	1	73	15	116	.1	61	17	305	5.06	9	5	ND	1	25	.6	2	2	123	.36	.088	6	112	1.27	334	.27	3	4.24	.03	.55	1	2	50
STANDARD C/AU-S	19	58	37	132	7.1	69	31	1047	4.22	42	23	7	37	53	18.8	16	22	56	.56	.099	37	59	.96	179	.08	41	2.00	.06	.14	13	53	1500

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
L104+00N 95+00E	4	84	7	66	.4	21	90	5139	5.08	5	5	ND	1	41	1.2	2	2	35	.58	.178	11	32	.33	145	.02	4	2.02	.01	.05	1	9	130
L104+00N 95+50E	3	92	9	84	.2	25	70	4810	4.95	9	5	ND	1	51	1.3	2	2	40	.74	.165	15	36	.36	152	.03	3	2.56	.01	.04	2	3	110
L104+00N 96+00E	1	39	7	36	.1	9	6	209	2.05	5	5	ND	1	19	.5	2	2	60	.30	.087	7	17	.19	46	.13	2	.69	.02	.02	1	2	30
L104+00N 96+50E	1	46	10	110	.1	50	16	431	4.55	16	5	ND	1	27	1.6	2	2	113	.48	.109	5	99	1.17	369	.27	5	3.28	.04	.66	2	7	20
L104+00N 97+00E	1	47	14	141	.4	39	25	1637	4.57	299	6	ND	1	43	1.3	10	2	78	.57	.096	7	64	.82	225	.10	2	2.53	.02	.17	2	1	40
L104+00N 97+50E	1	56	12	107	.1	56	19	453	5.10	25	5	ND	1	27	1.9	2	5	116	.40	.092	6	108	1.21	368	.27	2	3.62	.03	.62	2	2	20
L104+00N 98+00E	2	51	13	90	.5	33	14	535	3.65	35	5	ND	1	43	.8	2	2	72	.53	.113	7	63	.75	183	.18	3	2.70	.02	.18	1	14	90
L104+00N 98+50E	1	33	11	71	.3	25	9	504	2.92	152	5	ND	1	37	.4	5	2	54	.44	.075	5	42	.59	165	.07	2	1.73	.02	.10	1	1	30
L104+00N 99+00E	1	128	4	59	.3	23	5	89	1.54	40	5	ND	1	89	1.2	4	2	24	1.18	.127	14	25	.39	154	.03	2	1.57	.01	.05	2	3	150
L104+00N 99+50E	1	71	3	88	.1	30	17	1595	3.12	10	5	ND	1	67	.7	2	2	56	.90	.113	14	44	.59	211	.07	3	2.16	.02	.11	2	3	80
L104+00N 100+50E	1	35	10	49	.3	15	10	526	2.90	16	5	ND	1	25	.4	2	2	61	.28	.046	5	27	.32	81	.10	5	1.14	.02	.05	2	1	40
L104+00N 101+00E	2	49	7	67	.2	27	24	1363	2.51	14	5	ND	1	79	.2	2	2	44	1.02	.138	7	37	.55	196	.04	2	1.49	.02	.10	1	5	70
L104+00N 101+50E	1	52	13	114	.1	47	13	335	3.92	20	5	ND	1	29	.7	3	2	100	.42	.092	6	93	1.18	282	.22	2	3.27	.03	.44	3	1	30
L104+00N 102+00E	1	89	15	148	.2	68	29	463	6.24	124	5	ND	1	24	1.7	5	3	118	.31	.076	6	104	1.23	315	.23	4	4.02	.03	.48	1	10	20
L104+00N 102+50E	3	85	15	85	.4	32	34	2692	4.39	41	5	ND	1	53	1.1	2	2	65	.61	.133	13	52	.66	204	.07	2	2.48	.02	.12	2	7	110
L104+00N 103+00E	1	57	14	129	.1	43	20	917	5.01	42	5	ND	1	29	.8	3	2	96	.30	.065	9	79	.98	185	.16	2	2.98	.02	.23	1	3	30
L104+00N 103+50E	1	37	9	129	.1	56	13	363	4.20	11	5	ND	1	22	.9	2	4	113	.51	.133	6	107	1.32	392	.29	2	3.65	.03	.68	1	17	20
L104+00N 104+00E	2	63	11	85	.2	40	11	352	4.81	33	5	ND	1	31	.6	2	2	94	.35	.085	8	65	.86	154	.10	2	2.64	.02	.11	2	1	50
L104+00N 104+50E	2	90	11	87	1.6	40	8	340	3.23	34	5	ND	1	38	.2	2	2	52	.49	.155	9	48	.61	116	.05	5	2.51	.01	.12	1	18	140
L104+00N 105+00E	2	59	12	122	.1	49	18	667	4.86	42	5	ND	1	28	1.3	3	2	98	.39	.076	6	80	1.04	252	.21	5	2.96	.02	.41	1	2	40
L104+00N 105+50E	2	60	15	107	.4	41	14	683	4.59	67	5	ND	1	35	.7	2	5	85	.39	.084	7	69	.96	160	.14	2	2.75	.02	.18	2	9	30
L104+00N 106+00E	2	66	13	110	.4	49	27	1318	5.70	134	5	ND	1	39	1.4	3	2	89	.42	.122	10	68	.96	227	.10	2	3.23	.01	.19	1	7	40
L104+00N 106+50E	1	51	12	138	.4	57	20	537	5.05	68	5	ND	1	32	.8	4	2	112	.41	.043	6	90	1.17	265	.28	2	2.96	.02	.50	1	1	30
L104+00N 107+00E	2	52	17	66	.3	30	17	972	3.16	47	5	ND	1	45	.2	2	2	54	.56	.125	7	34	.50	123	.06	3	1.51	.02	.09	1	3	70
L104+00N 107+50E	2	78	23	138	.2	68	18	707	5.50	76	5	ND	1	31	.2	2	2	114	.38	.064	6	91	1.18	257	.24	2	3.50	.02	.53	2	1	40
L104+00N 108+00E	1	59	10	126	.1	53	18	902	5.27	161	5	ND	1	38	.5	2	2	89	.42	.089	8	70	1.06	232	.10	3	3.15	.01	.17	1	1	30
L104+00N 108+50E	2	47	15	103	.3	45	12	400	4.35	30	5	ND	1	39	.9	2	2	88	.44	.056	7	65	.92	189	.19	4	2.51	.02	.19	1	2	50
L104+00N 109+00E	1	18	15	48	.3	15	8	333	2.27	4	5	ND	1	21	.2	2	2	51	.26	.059	3	23	.26	55	.07	4	.76	.02	.06	1	1	70
L104+00N 110+00E	2	53	16	116	.1	47	18	910	5.22	119	5	ND	1	34	.4	5	2	88	.37	.090	7	68	1.06	163	.10	2	2.98	.01	.15	2	2	30
L104+00N 111+00E	1	49	19	109	.2	48	16	616	4.48	73	5	ND	1	43	.2	4	2	87	.49	.080	8	66	.95	219	.15	4	2.79	.02	.28	1	3	40
L104+00N 112+00E	1	44	8	111	.1	45	16	645	4.41	59	5	ND	1	39	.2	4	2	86	.49	.087	8	67	1.02	253	.15	2	2.81	.02	.31	1	5	30
L104+00N 113+00E	2	31	23	122	.1	38	13	441	4.65	18	5	ND	1	33	.3	2	2	81	.46	.038	7	59	.94	160	.15	2	2.19	.01	.14	2	3	20
L104+00N 114+00E	1	24	14	54	.1	17	8	487	2.50	8	5	ND	1	35	.2	2	2	67	.36	.053	4	25	.31	84	.09	3	.73	.01	.05	1	1	30
L104+00N 115+00E	1	45	16	101	.1	47	16	516	4.57	168	5	ND	1	27	.2	4	3	86	.34	.046	7	63	.94	183	.15	2	2.47	.02	.17	2	4	20
L104+00N 116+00E	1	52	16	112	.1	62	21	671	5.12	173	5	ND	1	28	.2	11	4	98	.30	.048	7	78	1.14	246	.18	4	3.13	.01	.27	1	8	30
L104+00N 117+00E	1	36	12	89	.1	38	11	336	4.16	29	5	ND	1	23	.2	2	2	86	.25	.037	6	53	.75	105	.18	6	1.89	.01	.17	1	2	30
STANDARD C/AU-S	19	63	45	132	7.3	73	30	1047	4.25	39	18	7	36	53	18.4	15	18	55	.55	.099	37	61	.95	180	.07	38	2.04	.06	.14	11	51	1600

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
L104+100N 118+00E	2	46	18	106	.1	51	17	492	4.49	32	5	ND	1	27	.2	4	3	83	.40	.091	10	72	1.18	166	.15	2	2.81	.02	.18	1	3	30
L104+100N 119+00E	1	71	17	114	.5	48	18	1548	4.50	38	5	ND	1	118	1.4	9	8	72	1.32	.133	16	58	.89	329	.07	6	2.85	.02	.19	1	4	90
L104+100N 120+00E	1	43	10	116	.1	42	13	515	4.60	47	5	ND	1	45	.2	4	5	84	.57	.078	8	64	.99	215	.13	3	2.27	.02	.18	2	6	40
L104+100N 121+00E	1	41	20	91	.1	36	15	459	4.42	58	5	ND	1	41	.2	6	6	85	.53	.053	7	56	.78	196	.15	4	2.01	.02	.24	1	6	30
L102+100N 91+00E	1	37	22	127	.2	43	22	1422	4.99	11	5	ND	1	35	.4	4	2	102	.43	.084	8	79	.99	259	.15	2	3.02	.02	.12	1	2	60
L102+100N 91+50E	2	60	27	138	.1	55	29	1508	5.55	11	5	ND	1	40	2.1	4	2	115	.47	.068	14	99	1.19	353	.21	2	4.13	.02	.16	1	5	50
L102+100N 92+00E	1	92	16	50	.3	21	30	1676	7.10	11	5	ND	1	48	.6	2	3	42	.57	.183	14	34	.41	165	.04	2	1.89	.02	.03	1	11	70
L102+100N 92+50E	1	69	8	74	.3	31	53	5293	2.84	10	5	ND	1	91	.7	5	2	36	1.13	.159	9	45	.50	370	.05	4	1.75	.02	.08	1	10	120
L102+100N 93+00E	1	60	11	117	.1	61	18	280	3.98	2	5	ND	1	35	1.5	2	2	120	.57	.116	7	144	1.47	317	.29	2	3.96	.05	.58	1	6	10
L102+100N 93+50E	1	65	6	75	.2	30	19	1387	2.69	7	5	ND	1	100	.3	2	2	43	1.26	.111	9	40	.61	274	.06	2	1.63	.02	.07	1	5	80
L102+100N 94+00E	1	91	2	75	.2	36	9	243	2.90	5	5	ND	1	41	.2	2	2	77	.57	.111	10	71	.80	270	.15	2	2.75	.03	.25	1	3	90
L102+100N 94+50E	1	44	13	104	.1	51	18	258	5.05	12	5	ND	1	27	.2	2	2	122	.47	.099	7	116	1.32	333	.28	2	3.77	.03	.56	1	5	10
L102+100N 95+00E	1	60	4	36	.1	17	10	474	1.97	5	5	ND	1	39	.6	2	6	40	.54	.103	9	24	.28	114	.12	2	.97	.02	.02	1	3	50
L102+100N 95+50E	1	32	5	97	.1	42	12	409	3.34	13	5	ND	1	44	.6	2	2	80	.56	.062	7	78	1.04	248	.16	2	2.71	.03	.10	1	7	40
L102+100N 96+00E	1	39	14	103	.1	36	14	414	3.77	22	5	ND	1	43	.2	2	3	85	.58	.084	7	74	.94	244	.16	2	2.54	.03	.11	1	8	30
L102+100N 96+50E	1	33	2	53	.1	24	18	1086	7.76	12	5	ND	1	42	.3	2	2	31	.54	.080	6	26	.25	300	.06	2	.99	.02	.03	1	1	60
L102+100N 97+00E	1	36	2	97	.1	17	10	332	6.47	19	5	ND	1	57	.7	2	3	64	.79	.086	7	22	.25	179	.07	2	1.07	.02	.02	1	3	50
L102+100N 97+50E	1	63	2	59	.1	18	9	452	1.69	6	5	ND	1	48	.5	4	2	22	.70	.088	7	24	.24	230	.04	2	.94	.01	.02	1	6	80
L102+100N 98+00E	1	24	2	33	.1	11	8	456	1.86	4	5	ND	1	29	.2	2	2	16	.41	.056	3	15	.11	140	.11	5	.41	.02	.01	1	1	50
L102+100N 98+50E	1	40	12	63	.1	17	33	2021	7.22	7	5	ND	1	35	.7	2	3	46	.46	.098	6	24	.20	278	.10	2	.88	.02	.02	1	3	60
L102+100N 99+00E	1	55	2	81	.1	36	13	411	3.09	6	5	ND	1	39	.2	3	4	84	.54	.110	8	83	.88	312	.18	2	2.59	.04	.20	1	6	50
L102+100N 99+50E	1	58	9	128	.1	63	18	313	5.00	23	5	ND	1	25	1.2	4	2	139	.50	.131	7	134	1.53	468	.31	2	4.16	.04	.65	1	6	10
L102+100N 100+50E	1	24	2	53	.1	9	9	255	3.31	2	5	ND	1	34	.2	2	2	75	.51	.062	4	22	.30	146	.13	3	.70	.02	.06	1	2	10
L102+100N 101+00E	1	32	4	143	.1	41	20	1250	4.12	7	5	ND	1	61	1.4	2	2	97	1.05	.142	7	95	1.27	583	.27	5	2.93	.03	.30	1	9	40
L102+100N 101+50E	1	27	2	96	.1	35	14	360	4.18	2	5	ND	1	39	.6	2	2	112	.66	.118	6	89	1.08	366	.27	3	2.30	.04	.28	1	1	10
L102+100N 102+00E	1	55	2	80	.1	22	10	613	3.03	2	5	ND	1	54	.5	2	2	77	.76	.130	9	34	.57	319	.11	8	1.54	.03	.06	1	3	40
L102+100N 102+50E	1	41	12	125	.1	51	16	313	3.84	2	7	ND	1	37	1.8	2	2	111	.57	.095	6	113	1.33	514	.27	6	3.37	.04	.36	1	6	20
L102+100N 103+00E	1	56	11	56	.1	28	7	228	1.21	2	5	ND	1	50	.2	2	2	41	.62	.139	9	39	.54	309	.06	2	1.68	.02	.04	1	5	70
L102+100N 103+50E	1	29	6	77	.1	28	10	228	2.49	12	5	ND	1	33	.3	2	2	59	.46	.081	7	54	.72	160	.14	3	1.95	.02	.08	1	8	30
L102+100N 104+00E	1	54	12	84	.1	30	13	1353	2.17	6	5	ND	1	83	1.1	2	2	35	1.07	.105	10	29	.53	214	.04	2	1.30	.02	.06	1	2	90
L102+100N 104+50E	1	36	5	61	.1	15	13	1117	3.16	12	5	ND	1	51	.3	2	3	67	.61	.077	10	24	.30	170	.10	4	1.00	.02	.04	1	3	80
L102+100N 105+00E	1	60	8	146	.2	54	18	442	5.20	87	7	ND	2	26	1.5	5	2	126	.49	.120	10	112	1.45	393	.34	2	3.80	.03	.66	1	16	20
L102+100N 105+50E	1	57	11	107	.3	43	13	300	4.08	160	5	ND	1	35	.3	8	2	101	.46	.087	10	74	1.03	221	.19	4	3.02	.02	.29	1	19	50
L102+100N 106+00E	1	62	16	131	.7	50	17	705	5.18	169	5	ND	1	45	.6	10	5	99	.57	.111	9	70	1.08	223	.16	3	3.09	.02	.25	1	13	40
L102+100N 106+50E	2	65	14	118	.4	47	16	796	4.63	251	7	ND	1	57	.6	3	5	76	.71	.150	9	56	1.04	204	.08	3	2.54	.02	.13	1	9	40
L102+100N 107+00E	1	54	15	143	.1	62	18	556	5.65	193	6	ND	1	22	1.0	7	2	124	.31	.058	7	94	1.22	309	.27	2	3.22	.02	.55	1	17	20
STANDARD C/AU-S	18	58	38	132	7.3	72	29	1030	4.18	38	23	7	36	52	18.5	15	19	55	.54	.097	36	61	.95	183	.07	32	1.98	.06	.14	11	55	1200

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au ppb	Hg ppb
L102+00N 107+50E	1	56	17	140	.6	52	19	637	5.75	90	5	ND	1	65	.7	7	2	100	1.14	.185	13	79	1.53	345	.19	7	3.39	.03	.41	1	13	40
L102+00N 108+00E	1	58	24	113	.5	47	16	723	5.15	202	5	ND	1	50	.5	11	7	90	.63	.106	20	63	.88	306	.12	2	3.10	.02	.12	1	3	80
L102+00N 108+50E	1	50	6	98	.7	37	14	506	4.85	155	5	ND	1	52	1.0	9	5	98	.65	.113	7	47	.65	174	.12	4	1.79	.02	.13	1	7	70
L102+00N 109+00E	3	21	11	78	.2	28	10	386	3.07	28	5	ND	1	36	.2	6	2	76	.45	.035	8	39	.54	105	.16	2	1.30	.02	.15	1	3	30
L102+00N 110+00E	1	36	6	112	.1	40	14	449	4.62	25	5	ND	1	29	.7	7	2	99	.42	.077	7	66	.91	138	.19	3	2.48	.02	.14	1	6	10
L102+00N 111+00E	1	42	2	92	.4	27	11	280	4.41	18	5	ND	1	30	.3	3	2	94	.37	.052	7	41	.55	105	.15	2	1.53	.02	.09	1	3	30
L102+00N 112+00E	1	66	15	135	.1	65	18	694	4.91	45	5	ND	1	44	1.5	2	2	92	.62	.064	9	115	1.31	323	.21	3	2.92	.02	.34	1	4	30
L102+00N 113+00E	2	40	18	157	.2	47	14	434	5.03	34	5	ND	1	39	1.4	5	2	89	.55	.058	9	66	1.10	195	.15	4	2.37	.02	.25	1	5	30
L102+00N 114+00N	2	40	5	109	.3	37	13	401	4.48	23	5	ND	1	42	.4	5	2	88	.57	.050	9	57	.92	197	.19	2	2.14	.02	.23	1	1	40
L102+00N 114+66E	1	59	15	134	.1	60	16	548	5.56	59	5	ND	1	43	.5	8	2	104	.51	.062	9	88	1.24	237	.18	2	3.44	.03	.32	1	1	20
L100+00N 91+00E	1	73	6	121	.2	69	17	390	5.19	10	5	ND	1	42	.5	3	2	117	.57	.080	9	127	1.58	392	.28	2	4.14	.04	.53	1	6	20
L100+00N 91+50E	1	60	9	132	.1	55	22	828	5.29	4	5	ND	1	52	.9	2	2	119	.70	.095	7	118	1.56	374	.29	2	3.59	.04	.48	1	3	10
L100+00N 92+00E	1	53	15	133	.1	53	22	1017	5.10	2	5	ND	1	51	.9	2	4	117	.75	.073	8	116	1.51	530	.29	4	3.26	.04	.49	1	6	30
L100+00N 92+50E	1	38	3	139	.1	50	18	576	5.07	2	5	ND	1	49	1.8	2	2	107	.96	.151	10	112	1.62	463	.33	2	3.20	.05	.55	1	2	10
L100+00N 93+00E	1	33	14	142	.1	40	17	603	5.21	3	5	ND	3	48	2.2	2	2	97	.93	.137	12	109	1.87	539	.38	5	3.20	.03	.56	1	11	10
L100+00N 93+50E	1	36	10	135	.1	38	16	600	5.10	10	5	ND	2	49	1.2	2	2	98	.91	.133	12	95	1.60	537	.33	2	2.84	.03	.49	1	6	5
L100+00N 94+00E	1	28	6	128	.1	27	12	563	4.29	2	5	ND	2	50	1.2	2	2	70	.92	.149	14	56	1.31	393	.28	4	2.55	.03	.36	1	5	20
L100+00N 94+50E	1	21	2	122	.1	22	13	591	4.35	3	5	ND	2	44	.7	2	2	63	.88	.136	14	45	1.21	465	.29	2	2.46	.03	.41	1	5	10
L100+00N 95+00E	1	32	4	117	.1	27	15	644	4.83	8	5	ND	2	55	.2	4	3	88	1.09	.135	13	51	1.20	433	.26	7	2.20	.03	.35	1	1	10
L100+00N 95+50E	1	36	9	125	.2	41	17	521	5.67	29	5	ND	2	48	.2	5	2	88	.67	.120	14	73	1.54	347	.27	2	2.93	.03	.38	1	12	20
L100+00N 96+00E	1	30	6	137	.1	62	19	657	5.12	15	5	ND	2	62	.7	5	2	78	.95	.105	11	86	1.69	426	.28	7	2.75	.03	.50	1	1	10
L100+00N 96+50E	1	47	8	113	.1	48	14	576	4.17	13	5	ND	1	72	.2	5	2	67	1.19	.102	12	62	1.21	484	.18	2	2.10	.02	.28	1	1	30
L100+00N 97+00E	1	53	6	156	.2	48	19	688	5.46	35	5	ND	2	79	.2	9	2	77	1.06	.106	12	90	1.64	344	.19	2	2.64	.03	.28	2	15	20
L100+00N 97+50E	2	69	15	156	.2	46	18	632	5.35	8	5	ND	2	72	1.3	4	2	85	1.01	.118	14	83	1.55	472	.26	6	2.92	.03	.48	1	7	40
L100+00N 98+00E	2	81	4	114	.1	37	16	912	4.12	15	5	ND	1	81	.4	5	2	67	1.42	.115	16	55	1.01	446	.14	5	2.16	.03	.26	1	5	70
L100+00N 98+50E	1	78	7	156	.2	45	23	843	6.44	38	5	ND	2	84	.2	5	2	89	1.07	.112	15	79	1.51	600	.23	3	2.98	.03	.45	1	3	50
L100+00N 99+00E	1	45	15	151	.1	34	20	735	5.88	34	5	ND	2	56	.7	2	2	86	.70	.081	13	79	1.49	520	.29	2	2.79	.03	.52	1	13	40
L100+00N 99+50E	2	59	2	146	.1	41	17	713	5.47	46	5	ND	1	69	.2	2	2	87	1.08	.107	14	80	1.53	685	.30	2	2.82	.03	.60	1	46	40
L100+00N 100+50E	1	51	10	151	.1	33	18	1034	4.95	37	8	ND	2	85	.2	5	2	76	1.56	.090	14	61	1.35	625	.28	2	2.54	.03	.36	2	9	30
L100+00N 101+00E	2	48	13	164	.1	37	18	685	5.89	31	5	ND	3	59	1.4	4	2	93	.93	.115	15	84	1.74	703	.39	3	3.00	.03	.78	1	2	20
L100+00N 101+50E	2	49	6	147	.2	31	17	718	5.76	63	6	ND	2	90	.2	9	2	68	1.28	.104	14	57	1.21	487	.21	2	2.29	.03	.42	1	1	30
L100+00N 102+00E	2	30	4	135	.1	33	17	761	5.89	26	5	ND	3	47	.4	5	2	94	.83	.104	11	93	1.68	470	.36	6	3.00	.02	.56	1	5	40
L100+00N 102+50E	2	53	16	183	.2	48	21	788	7.12	76	6	ND	3	61	1.0	7	2	93	.93	.091	13	93	1.87	556	.40	2	3.20	.03	.82	1	1	20
L100+00N 103+00E	2	42	6	152	.3	34	20	1238	6.47	72	5	ND	3	58	1.1	4	2	83	.98	.119	13	71	1.53	500	.33	2	2.69	.02	.63	1	15	20
L100+00N 103+50E	1	33	11	146	.1	29	17	573	6.16	31	5	ND	4	40	.4	2	2	91	.83	.187	16	76	1.72	488	.41	2	3.15	.03	.83	1	23	10
L100+00N 104+00E	1	41	2	105	.1	22	15	481	5.12	27	5	ND	1	52	.2	2	2	94	.86	.085	8	42	.79	422	.18	3	1.62	.02	.10	1	5	20
STANDARD C/AU-S	18	57	38	132	7.2	71	29	1050	4.21	40	20	7	36	51	18.2	15	17	55	.55	.094	36	60	.95	183	.07	32	1.95	.06	.14	11	53	1300

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppb
L100+00N 104+50E	1	28	2	93	.2	17	16	547	6.36	23	5	ND	1	50	.2	2	2	130	.81	.096	8	31	.51	272	.21	2	1.12	.03	.09	2	7	90
L100+00N 105+00E	2	36	18	132	.2	29	19	570	6.64	36	5	ND	2	53	1.2	2	2	103	.70	.105	10	68	1.41	414	.31	2	2.62	.03	.28	1	8	30
L100+00N 105+50E	1	41	12	168	.2	36	22	808	6.56	40	5	ND	3	51	2.5	2	2	95	.81	.138	13	77	1.71	508	.37	2	3.11	.03	.53	2	8	20
L100+00N 106+00E	2	40	2	135	.2	25	18	793	5.19	28	5	ND	2	47	.8	2	2	82	.68	.131	13	57	1.16	444	.24	5	2.43	.03	.21	1	8	30
L100+00N 106+50E	3	39	12	107	.1	26	22	1137	7.96	39	5	ND	1	50	1.1	2	7	77	.61	.116	12	55	.87	398	.17	3	2.37	.02	.20	1	8	60
L100+00N 107+00E	1	40	4	99	.1	33	18	824	4.56	14	5	ND	2	45	1.4	2	2	101	.62	.105	8	103	1.11	328	.22	5	2.42	.04	.22	1	1	40
L100+00N 107+50E	1	32	2	97	.1	33	16	491	4.21	15	5	ND	1	41	.6	2	2	100	.50	.081	6	85	1.05	270	.21	6	2.42	.04	.29	2	5	30
L100+00N 108+00E	1	27	9	97	.2	28	12	402	3.63	10	5	ND	1	50	.6	2	2	74	.66	.085	8	55	.85	269	.17	2	1.75	.03	.19	2	4	40
L100+00N 108+50E	1	30	11	95	.1	32	15	440	3.98	8	5	ND	2	36	.3	3	2	86	.57	.099	9	75	1.13	296	.28	5	2.33	.04	.35	1	1	10
L100+00N 109+00E	1	29	2	62	.1	20	20	8602	3.04	3	5	ND	1	47	.7	2	2	69	.62	.075	8	26	.31	412	.11	3	1.01	.03	.04	1	3	60
BL100+00E 124+00N	1	54	20	135	.2	46	20	1655	4.68	16	5	ND	1	49	.6	4	2	91	.61	.127	13	116	1.79	270	.08	4	3.92	.02	.16	1	13	50
BL100+00E 123+50N	1	33	14	112	.2	51	14	441	4.60	11	5	ND	1	29	.7	2	2	102	.34	.120	9	88	1.13	242	.17	2	3.79	.02	.20	1	4	60
BL100+00E 123+00N	1	60	7	121	.1	52	19	801	5.18	18	5	ND	1	29	.9	2	2	108	.39	.094	10	97	1.28	298	.23	2	3.81	.03	.36	1	5	40
BL100+00E 122+50N	1	50	8	113	.1	54	18	367	5.21	10	5	ND	2	18	1.0	2	2	106	.32	.091	10	98	1.27	259	.25	5	3.78	.02	.42	1	5	10
BL100+00E 122+00N	1	54	26	129	.3	54	20	820	5.00	12	5	ND	1	30	.7	3	2	111	.42	.098	8	97	1.24	280	.24	4	3.70	.02	.39	1	2	30
BL100+00E 121+50N	1	51	22	120	.1	53	20	704	5.10	19	5	ND	1	24	.5	2	2	107	.34	.097	9	92	1.20	286	.23	2	3.61	.02	.39	1	1	10
BL100+00E 121+00N	1	44	4	117	.1	48	18	467	4.67	8	5	ND	2	22	1.4	2	2	102	.41	.111	11	97	1.29	265	.25	6	3.56	.02	.47	1	2	10
BL100+00E 120+50N	1	45	18	112	.1	49	19	1024	4.48	9	5	ND	1	21	1.2	2	2	97	.35	.097	10	90	1.14	269	.22	2	3.33	.02	.41	1	1	20
BL100+00E 120+00N	1	44	8	106	.1	46	15	418	4.26	7	5	ND	2	23	1.5	2	3	96	.37	.096	9	81	1.05	242	.24	2	3.04	.02	.42	1	11	30
BL100+00E 119+50N	1	64	15	131	.1	62	20	612	4.96	13	5	ND	2	30	1.0	2	2	106	.38	.107	10	88	1.21	232	.23	21	3.70	.02	.37	1	1	20
BL100+00E 119+00N	1	55	23	122	.1	56	20	628	5.03	12	5	ND	2	23	1.5	2	2	102	.41	.114	11	95	1.25	248	.23	8	3.24	.02	.40	1	1	10
BL100+00E 118+65N	1	56	8	123	.1	59	19	598	4.99	10	5	ND	2	27	1.1	2	2	104	.49	.124	9	109	1.45	316	.26	6	3.33	.03	.54	1	2	10
BL100+00E 118+12N	1	40	18	106	.1	47	17	553	4.51	11	5	ND	2	23	1.0	4	3	95	.33	.061	8	82	1.13	212	.22	6	2.72	.02	.30	3	1	20
BL100+00E 118+00N	1	48	2	97	.1	49	17	433	4.34	5	5	ND	2	28	1.1	2	3	90	.46	.079	10	77	1.09	216	.24	2	2.90	.03	.40	1	12	20
BL100+00E 117+50N	1	40	5	90	.1	43	14	477	4.01	9	5	ND	2	27	1.0	2	2	76	.40	.053	11	63	.99	142	.18	3	2.33	.02	.20	1	14	10
BL100+00E 117+00N	1	33	2	85	.1	36	12	396	3.55	3	5	ND	2	35	.2	2	2	75	.58	.098	12	65	1.01	156	.21	5	2.07	.03	.32	1	17	10
BL100+00E 116+50N	1	32	9	88	.1	38	12	386	3.58	7	5	ND	3	31	.6	2	2	76	.48	.077	13	65	1.03	171	.21	5	2.29	.03	.32	2	9	5
BL100+00E 116+00N	1	54	11	120	.1	52	15	580	5.06	15	5	ND	2	30	.3	5	2	86	.44	.078	13	77	1.22	162	.14	2	2.82	.02	.29	1	4	10
BL100+00E 115+50N	1	43	8	85	.1	39	15	541	3.90	11	5	ND	3	28	1.0	2	2	77	.44	.067	11	61	.93	139	.18	3	2.15	.02	.22	2	12	20
BL100+00E 115+00N	1	45	8	92	.1	44	15	535	4.14	15	5	ND	1	23	.2	2	2	83	.31	.047	9	71	1.03	178	.19	2	2.43	.02	.24	1	4	20
BL100+00E 114+50N	1	44	3	91	.1	42	14	537	3.90	11	5	ND	2	32	.8	2	2	79	.49	.088	10	63	.96	136	.19	3	2.23	.02	.24	1	5	10
BL100+00E 114+00N	1	53	20	123	.1	57	22	849	5.04	15	5	ND	1	31	.6	2	2	96	.41	.084	9	80	1.13	221	.16	5	3.08	.02	.24	1	2	30
BL100+00E 113+50N	1	52	17	119	.2	51	21	888	5.23	24	5	ND	1	31	.9	2	2	98	.38	.090	9	77	1.08	228	.14	2	3.24	.02	.19	2	5	30
BL100+00E 113+00N	1	56	12	101	.3	46	21	1073	5.02	19	5	ND	1	42	.3	2	3	92	.50	.112	10	69	1.04	205	.13	2	2.94	.02	.18	1	9	50
BL100+00E 112+50N	1	59	18	124	.1	52	28	1406	5.04	18	5	ND	1	37	.3	2	2	90	.42	.142	10	69	1.02	198	.12	3	3.14	.02	.15	1	1	80
BL100+00E 112+00N	1	43	8	120	.1	59	19	588	5.06	12	5	ND	1	27	1.1	2	2	111	.52	.118	8	122	1.66	249	.32	4	3.51	.02	.78	1	14	10
STANDARD C/AU-S	18	57	42	132	7.3	72	32	1044	4.06	42	19	7	36	51	18.4	15	21	55	.55	.098	36	59	.95	182	.07	34	1.96	.06	.14	11	52	1400

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au ppb	Hg ppb
BL100+00E 111+50N	3	43	11	97	.1	49	23	1225	4.77	16	5	ND	1	31	.2	6	2	91	.39	.182	8	70	.86	148	.09	10	2.57	.01	.18	1	14	50
BL100+00E 111+00N	1	37	2	99	.1	40	14	567	4.08	10	5	ND	1	28	.7	2	2	83	.40	.095	7	66	.84	139	.14	10	2.00	.02	.21	1	4	40
BL100+00E 110+50N	2	52	5	96	.5	41	16	867	3.52	6	5	ND	1	63	.6	3	2	61	.90	.253	11	51	.72	226	.06	7	2.20	.02	.16	1	1	80
BL100+00E 110+00N	1	48	25	112	.2	53	22	1063	5.02	12	5	ND	1	53	.2	2	2	91	.41	.112	9	71	.99	175	.13	4	2.78	.02	.20	1	4	40
BL100+00E 109+50N	1	36	15	99	.1	45	14	450	4.28	14	5	ND	1	26	.7	2	2	87	.31	.045	7	65	.87	114	.16	9	2.29	.02	.19	1	3	20
BL100+00E 109+00N	2	41	9	123	.1	45	17	916	4.75	14	5	ND	1	32	.3	2	2	94	.45	.066	7	68	.94	140	.16	6	2.55	.01	.20	1	1	40
BL100+00E 108+50N	1	37	4	88	.1	48	14	432	3.76	11	5	ND	1	25	1.0	2	2	81	.32	.040	7	65	.86	157	.20	7	2.12	.02	.30	1	22	10
BL100+00E 108+00N	1	46	7	113	.1	51	22	847	4.66	31	5	ND	1	35	.6	5	2	95	.48	.104	6	75	.92	212	.18	11	2.70	.02	.37	1	8	40
BL100+00E 107+50N	1	49	3	103	.1	50	19	580	4.60	50	5	ND	1	27	.2	6	2	95	.31	.063	7	74	.95	233	.20	4	2.96	.02	.46	1	8	20
BL100+00E 107+00N	1	60	7	102	.3	42	22	1354	3.63	35	5	ND	1	88	.6	13	3	62	1.19	.197	11	52	.77	214	.07	6	2.19	.02	.19	1	5	90
BL100+00E 106+50N	2	72	15	97	.9	47	18	574	4.21	39	5	ND	1	70	.5	9	2	72	.98	.132	12	55	.75	216	.09	4	2.60	.02	.19	1	9	100
BL100+00E 106+00N	2	66	24	122	.6	57	21	770	5.65	67	5	ND	1	47	1.2	11	2	102	.60	.091	8	77	.99	234	.15	8	3.26	.02	.28	1	9	70
BL100+00E 105+50N	1	62	14	129	.1	60	18	555	4.90	52	5	ND	1	33	.4	5	2	107	.45	.069	7	91	1.14	250	.25	9	3.04	.02	.48	1	12	30
BL100+00E 105+00N	2	65	12	111	.5	49	19	685	5.09	72	5	ND	1	46	.2	6	2	101	.59	.113	7	64	.79	234	.13	8	2.66	.02	.19	1	11	50
BL100+00E 104+50N	2	61	8	82	1.2	28	24	1199	2.90	21	5	ND	1	64	.3	3	2	46	.86	.188	11	41	.56	166	.05	8	1.76	.02	.10	1	13	100
BL100+00E 104+00N	1	57	12	123	.1	57	17	460	4.24	20	5	ND	1	38	.7	2	2	108	.48	.065	5	109	1.17	313	.24	9	3.39	.04	.47	1	7	40
BL100+00E 103+50N	1	63	11	133	.1	61	18	534	4.95	27	6	ND	1	36	.2	2	2	122	.45	.067	6	116	1.24	377	.29	5	4.02	.04	.54	3	9	20
BL100+00E 103+00N	1	75	11	97	.1	32	12	414	3.22	10	5	ND	1	69	.2	2	2	58	.83	.123	13	56	.71	187	.08	11	2.60	.04	.09	1	9	80
BL100+00E 102+50N	1	38	8	106	.1	30	15	366	4.71	3	5	ND	1	32	.2	2	2	147	.52	.128	7	55	.57	236	.27	6	1.73	.03	.11	1	1	30
BL100+00E 102+00N	2	57	2	109	.2	45	18	1336	2.47	10	5	ND	1	85	.2	4	3	50	1.70	.106	11	43	.48	584	.09	12	1.67	.02	.10	1	2	70
BL100+00E 101+50N	2	46	2	102	.1	33	12	798	2.94	7	5	ND	1	90	.2	2	2	60	1.68	.129	6	48	.61	602	.11	9	1.39	.03	.09	1	2	40
BL100+00E 101+00N	2	60	9	143	.1	41	16	496	4.85	30	5	ND	1	60	.2	2	2	82	.93	.124	12	71	1.24	517	.25	6	2.52	.03	.42	1	1	50
BL100+00E 100+50N	1	75	2	150	.1	44	19	657	5.79	52	5	ND	1	71	1.0	2	2	93	1.11	.122	14	81	1.60	652	.33	9	2.95	.03	.53	1	15	30
BL100+00E 100+00N	2	61	7	155	.2	47	23	732	6.24	56	5	ND	2	66	.5	4	2	95	.93	.132	15	83	1.60	550	.32	7	3.01	.03	.58	1	6	30
P 114728	1	56	22	153	.1	63	20	809	5.35	24	5	ND	1	25	1.3	2	2	111	.39	.113	8	90	1.18	313	.25	9	3.73	.02	.47	1	7	20
P 122076	1	53	13	129	.1	43	14	405	5.29	29	5	ND	1	23	.2	2	2	109	.29	.113	8	70	.94	162	.15	3	3.02	.02	.17	1	2	30
P 122077	2	40	16	133	.2	38	16	827	4.81	22	5	ND	1	21	.2	2	2	98	.28	.082	8	59	.72	144	.17	12	2.47	.02	.22	1	1	40
P 122078	2	41	13	151	.1	39	14	583	4.69	25	5	ND	1	35	.2	2	2	99	.46	.088	8	61	.87	190	.16	6	2.17	.02	.18	1	2	30
P 122079	3	68	20	133	.1	52	19	728	5.56	15	5	ND	1	29	.2	3	3	110	.39	.107	9	76	1.09	170	.18	6	3.09	.02	.21	1	1	20
P 122080	2	59	10	162	.1	55	23	947	5.47	30	5	ND	1	32	.2	2	6	107	.42	.105	9	70	1.00	219	.17	6	2.76	.02	.25	1	2	30
P 122081	1	51	13	134	.1	55	18	667	5.07	27	5	ND	1	31	.2	3	2	102	.38	.087	8	68	.95	202	.20	13	2.74	.02	.33	1	2	20
P 122082	1	57	13	108	.1	59	16	584	4.58	36	5	ND	1	26	.2	3	2	92	.31	.060	8	75	.97	216	.21	11	2.86	.02	.42	1	2	20
P 122083	1	42	11	98	.1	34	17	1083	3.82	41	5	ND	1	31	.2	4	2	83	.43	.101	8	64	.76	208	.17	7	2.46	.02	.28	1	11	40
P 122084	1	51	10	98	.2	31	14	488	4.33	17	5	ND	1	38	.2	2	2	98	.45	.081	8	51	.68	160	.15	10	1.84	.02	.16	1	4	50
P 122085	1	32	6	101	.1	22	15	780	4.28	5	5	ND	1	25	.2	2	2	99	.31	.088	7	33	.47	83	.14	2	1.34	.02	.07	1	1	30
P 122086	1	59	20	116	.2	39	31	2981	4.28	29	7	ND	1	46	.2	2	2	78	.60	.148	9	67	.82	238	.12	7	2.90	.02	.26	1	3	80
STANDARD C/AU-S	17	58	43	132	7.2	71	29	1021	3.96	37	20	7	36	51	17.8	15	18	56	.50	.095	35	58	.88	179	.08	37	1.91	.06	.14	13	45	1500

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au ppb	Hg ppb
P 122087	2	43	2	101	.1	31	15	753	4.12	25	5	ND	1	31	.2	2	2	70	.37	.115	7	46	.72	139	.05	4	2.01	.01	.09	1	13	30
P 122088	1	42	5	100	.4	56	13	360	4.06	10	5	ND	1	22	.2	2	2	94	.30	.070	5	91	1.12	354	.23	2	3.89	.02	.64	1	1	40
P 122089	1	41	14	108	.1	43	19	462	4.82	71	5	ND	4	21	.2	24	2	64	.34	.075	16	42	.54	108	.07	6	1.51	.02	.21	3	28	5
P 122090	1	37	9	82	.2	36	13	369	3.56	14	5	ND	2	28	.6	3	2	71	.50	.076	11	59	.91	153	.19	2	2.05	.02	.30	1	12	5
P 122091	1	50	16	107	.5	42	15	490	4.56	121	5	ND	2	28	.3	8	2	79	.39	.086	9	68	1.03	188	.38	2	2.63	.02	.38	2	41	10
P 122092	1	28	5	82	.1	24	13	392	3.81	17	5	ND	1	22	.3	2	2	53	.37	.081	11	40	.98	160	.22	2	2.02	.01	.24	1	1	40
[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	ND	1	31	.2	2	2	97	.42	.055	8	78	1.35	405	.29	6	3.00	.02	.63	9	5	20
[illegible]	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.01	[illegible]	5	ND	1	44	.6	14	2	87	.52	.088	12	73	1.04	295	.18	6	3.59	.02	.18	2	12	70
P 138404	1	36	6	70	.3	23	20	820	2.28	24	5	ND	1	62	.3	3	2	44	.75	.092	6	36	.54	279	.06	5	1.39	.01	.11	2	7	50
P 138405	1	48	17	139	.3	58	23	522	5.83	77	5	ND	1	23	.2	8	2	126	.40	.074	6	100	1.31	377	.29	7	3.57	.02	.61	1	8	30
P 138406	1	61	6	121	.7	51	15	480	4.69	104	5	ND	1	42	.2	11	2	99	.60	.093	7	87	1.14	362	.19	4	3.03	.02	.46	1	5	80
P 138407	3	42	11	81	.4	18	22	1500	4.44	106	5	ND	1	39	.2	2	2	67	.55	.085	8	27	.38	117	.08	4	1.27	.02	.06	1	1	70
P 138408	1	38	13	91	.2	29	16	341	4.43	103	5	ND	1	22	.2	2	2	94	.38	.081	6	60	.81	173	.22	2	2.19	.02	.24	1	3	20
P 138409	1	55	2	60	.1	23	10	962	2.52	17	5	ND	1	81	.2	2	2	52	1.28	.094	9	18	.27	211	.07	4	.94	.01	.03	1	7	60
P 138410	1	25	2	139	.1	19	10	567	3.53	11	5	ND	1	58	.2	2	2	68	.90	.052	5	40	1.03	299	.28	3	1.83	.02	.36	1	8	50
P 138411	1	43	6	83	.4	37	10	317	2.73	16	5	ND	1	48	.2	2	5	66	.63	.069	5	74	.86	277	.17	6	2.55	.02	.31	1	16	140
P 138412	1	59	5	120	.2	58	27	835	5.16	17	5	ND	1	52	.6	2	2	114	.81	.104	6	129	1.37	359	.25	3	3.36	.05	.44	1	2	10
P 138413	1	29	2	64	.1	15	14	924	2.45	12	5	ND	1	56	.2	2	2	38	1.06	.127	8	26	.43	231	.05	3	1.07	.02	.06	1	2	80
P 138414	1	46	6	115	.3	21	14	555	4.54	8	5	ND	1	69	.2	2	2	61	1.29	.140	15	44	.89	676	.12	9	2.27	.02	.28	1	1	60
P 138415	1	23	2	60	.1	7	11	357	3.43	3	5	ND	1	31	.2	2	2	75	.48	.074	6	19	.35	215	.13	2	.77	.02	.08	1	1	50
P 138416	1	32	5	91	.1	20	16	429	4.40	7	5	ND	1	31	.2	2	2	73	.59	.120	11	44	1.16	276	.26	6	2.27	.02	.31	1	1	30
P 138417	1	26	9	94	.1	24	14	442	4.27	7	5	ND	1	26	.2	2	2	68	.52	.097	9	41	1.19	215	.27	2	2.18	.02	.30	1	3	20
P 138418	1	35	2	96	.1	26	17	503	4.35	11	5	ND	1	30	.2	2	2	66	.40	.073	9	52	1.03	181	.18	4	2.12	.02	.17	1	6	60
P 138419	2	37	11	92	.1	27	12	303	4.15	9	5	ND	1	40	.2	2	2	69	.50	.081	9	49	.95	212	.17	7	2.09	.02	.18	1	3	90
P 138420	1	33	4	93	.1	26	13	441	4.19	12	5	ND	1	46	.2	2	2	64	.62	.107	9	48	.90	272	.13	6	1.93	.02	.19	1	2	80
P 138421	1	28	5	83	.1	24	15	567	3.67	21	5	ND	1	47	.2	2	2	53	.56	.057	12	44	.94	179	.16	8	2.11	.02	.11	1	6	30
P 138422	1	25	6	80	.1	21	14	474	3.62	7	5	ND	1	36	.2	2	2	57	.50	.065	8	47	.87	181	.16	10	1.75	.02	.08	1	1	40
P 138423	2	33	15	97	.1	30	17	590	4.73	8	5	ND	1	36	.2	2	2	70	.46	.073	9	47	1.02	237	.15	3	2.11	.02	.10	1	6	30
P 138424	1	31	9	89	.1	22	16	417	4.37	12	5	ND	1	26	.2	2	2	69	.38	.051	9	52	1.20	231	.25	10	2.50	.02	.19	1	4	20
P 138425	2	35	11	117	.1	32	24	1171	5.09	15	5	ND	1	32	.2	2	3	71	.37	.073	12	55	1.15	245	.18	10	2.26	.02	.19	1	1	30
P 138426	1	27	15	105	.1	22	19	444	4.42	6	5	ND	1	28	.3	2	2	69	.53	.083	8	51	1.38	256	.31	4	2.25	.02	.36	1	1	20
P 138427	1	31	15	112	.1	31	18	731	4.78	14	5	ND	1	36	.2	2	2	70	.48	.083	10	66	1.11	239	.14	5	2.28	.02	.13	1	2	30
P 138428	1	40	24	120	.1	32	23	985	5.64	25	5	ND	3	24	.2	5	2	56	.26	.053	18	54	.99	276	.14	4	2.58	.02	.29	1	1	20
P 138429	1	32	2	92	.1	27	15	469	4.54	8	5	ND	1	29	.2	2	2	71	.36	.050	9	48	1.14	215	.26	7	2.28	.02	.21	1	1	20
P 138430	2	35	21	120	.1	35	20	807	5.12	14	5	ND	1	36	.4	2	5	72	.32	.077	11	49	1.17	234	.19	4	2.67	.02	.13	1	2	50
STANDARD C/AU-S	18	59	44	132	7.2	73	31	1052	4.09	37	23	7	36	51	18.6	14	19	55	.57	.098	36	60	.96	183	.07	39	2.05	.06	.14	11	52	1200

Noranda Exploration Co. Ltd. P ECT 9007-035 345 FILE # 90-2602

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
P 138431	1	27	17	82	.1	21	11	290	3.51	6	5	ND	2	26	.4	2	2	59	.32	.049	8	35	.94	107	.19	3	2.17	.02	.11	1	5	50
P 138432	2	28	7	93	.1	26	11	364	4.06	6	5	ND	1	27	.3	2	2	70	.28	.041	9	45	1.02	203	.25	2	2.02	.02	.24	1	10	40
P 138433	2	27	12	83	.2	27	13	356	3.93	6	5	ND	1	30	.2	2	2	70	.34	.044	8	54	1.18	121	.21	6	2.41	.02	.07	1	1	30

APPENDIX IV

MAGNETOMETER SURVEY REPORT

noranda

NORANDA EXPLORATION CO. LTD.

VANCOUVER, B.C.

MEMO TO : K. Galambos
FROM : L. Bradish
DATE : 16 November 1990
SUBJECT : C.C. : Geophysical surveys - July, 1990

During July of 1990, a magnetometer survey was completed on the C.C. property, located approximately 50 Km northeast of Destruction Bay, Yukon Territory. The survey was carried out under contract by Amerok Geophysics of Whitehorse, Yukon Territory.

The magnetometers employed on the survey were EDA Omni4 units consisting of two field magnetometers and one recording base station magnetometer. The Total Field readings were recorded at 12.5 meter intervals on lines that were nominally 200 meters apart. All applicable corrections (day to day and diurnal) were applied to the data to ensure a high sensitivity survey. The data is presented in plan at a scale of 1:5,000, contoured at a 10 nano-Tesla interval. A compromise trend bias of azimuth 160° was applied to the data to enhance its visual appearance, which was based on an obvious 005°-010° azimuth lineation in the magnetic data. A total of 20.900 line Km of survey were completed.

DISCUSSION OF RESULTS

Two magnetic terrains are recognized on this property along with a number of structural directions or linears. As mentioned above there is a predominant 005°-010° azimuth trend to the magnetic data with only minor evidence for a 152° direction as was predicted prior to the establishment of the grid.

The main magnetic terrain or background is observed as having a low and uniform magnetic susceptibility which occurs over the greater portion of the survey grid. Within this possible sediment package/unit there are narrow dike responses (Az. 005°-010°) of moderate to high magnetic susceptibility, specifically the major dike response that is mapped cutting across the survey grid.

The magnetic data has also identified a number of magnetic structures or 'breaks' possibly reflecting shear or fault zones. As with the narrow magnetic dikes, these structures follow the same direction leading one to believe that the dikes probably occur along these planes of weakness. Some cross structure signatures are observed in the data and are as illustrated on the magnetometer map.

CONCLUSIONS

The magnetic survey has mapped a low, uniform magnetic background punctuated by a series of North-South trending magnetic dikes which occur along the preferred structural direction. These magnetic features and interpretations will require compilation and reconciliation with the available geological and geochemical information.

LEGEND

- OUTCROP
- SUBCROP
- TALUS OR FROST HEAVE
- OUTCROP-SAMPLE
- FLOAT-SAMPLE
- SOIL-SAMPLE
- qtz QUARTZ VIEN
- CLAIM POSTS
- 40 FOLIATION
- 230 PPB Au / R/14740 FLOAT SAMPLE- SIGNIFICANT RESULTS REPORTED
- TRENCH

100 0 100 200 300 400 500 Metres

REVISED	JAN 1 - 20 CLAIMS
	COMPILATION
AREA No.: 345	SURVEY BY: D. MEON DATE: DECEMBER 1990
N.T.S.: 115 I/14E3	DRAWN BY: D. COLLINS SCALE: 1:5000
DWG. No.: 6	**NORANDA EXPLORATION**
	OFFICE: WHITEHORSE, YUKON

092903

(115 I/14E-NE-5)

NORANDA EXPLORATION FIGURE 7

FILE: C345CC

SURVEY BY : D HEON NTS : 115 H/5

SCALE = 1: 5000 DATE : 7/ 9/90

BASELINE AZIMUTH : 330 Deg.

PROJECT: CC PROJECT # : 345

SOIL GEOCHEMICAL SURVEY

PPB Au

CC GRID

PPB Au

>10	>=10	>=20	>=30	>=40	>=50	>=75	>=100	>=125	>=150
<10	<20	<30	<40	<50	<75	<100	<125	<150	

092903

(46) MAP# 115-H-5

10000N
10200N
10400N
10600N
10650N
10700N
10750N
10800N
10850N
10900N
10950N
11000N
11050N
11100N
11200N
11400N
11600N
11800N
12000N
12075N
300E
930E
950E
970E
990E
1000E BASELINE 330°
1010E
1030E
1050E
1070E
1090E
1110E
1130E
1150E
1170E
1190E
1210E

NORANDA EXPLORATION FIGURE 8

FILE: C345CC

SURVEY BY : D HEON NTS : 115 H/5

SCALE = 1: 5000 DATE : 7/ 9/90

BASELINE AZIMUTH : 330 Deg.

PROJECT: CC PROJECT # : 345

PPM As

SOIL GEOCHEMICAL SURVEY

CC GRID

PPM As

<20	>=20 <40	>=40 <60	>=60 <80	>=80 <100	>=100 <200	>=200 <300	>=300 <500	>=500 <1000	>=1000

10cm 5cm 1cm 10cm 20cm

(47) MAP# 115-4-5

092903

10000N

10200N

10400N

10600N

10750N

10800N

10850N

10900N

10950N

11000N

11050N

11100N

11200N

11400N

11600N

11800N

12000N

12075N

93000E

95000E

97000E

99000E

100000E BASELINE 330°

101000E

103000E

105000E

107000E

109000E

111000E

113000E

115000E

117000E

119000E

121000E

N

Thu 25 Jul 1991 at 8:37 Centre of plot at 11850.0N/10400.0E Serial # 092903, Registered User : NORANDA EXPLORATION

092903

(48) MAP# 115-H-5

CC

MAGNETOMETER SURVEY

PROJECT: CC PROJECT # : 345
BASELINE AZIMUTH : 332 Deg.

SCALE - 1 : 5000 DATE : 8/ 8/90
SURVEY BY : AMEROK NTS : 115 H/5
FILE: M345CC
NORANDA EXPLORATION FIGURE 9

10900E
10700E
10500E
10300E
10100E
10000E BASELINE 332°
9900E
9700E
9500E
9300E
9100E

12400N
12200N
12000N
11800N
11600N
11400N
11200N
11000N
10800N
10600N
10400N
10200N
10000N