GEOCHEMICAL, GEOLOGICAL & TRENCHING ASSESSMENT REPORT ON THE LIBBY PROPERTY NELSON MINING DIVISION, LEAD CREEK AREA, BRITISH COLUMBIA

LOCATION:

N.T.S.: 82F-3E
LATITUDE: 49° 00' 20"N.
LONGITUDE: 117° 11' 10"W.
B.C. GOVERNMENT MINERAL INVENTORY 82F/SW-3

CLAIMS:

LIBBY 1 (#5981), LIBBY 2 (#301293),
LIBBY 3 (#301998), LIBBY 4 (#301999)

OWNER

Victor Guinet

OPERATOR

TIMMAX RESOURCES COORPORATION
368-1199 WEST PENDER STREET
VANCOUVER, B.C. V6E 2R1

PREPARED BY:

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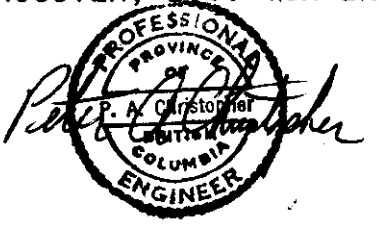

July 30, 1991

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SUMMARY

The Libby Property, consisting of the Libby 1 through Libby 4 modified grid claims totaling 63 units, covers about 1575 ha. (3893 acres) in the Nelson Mining Division of south-central British Columbia. The property convers a number of mineral occurrences known as the Ed showing with B.C. mineral inventory designation 82F/SW-3. After the initial exploration program conducted for Worthington Resources Inc. was successful in relocating old showings and anomalous soil geochemical results (Yorston, 1990), Timmax Resources Corporation acquired the property to explore for stratabound lead-zinc deposits of the Metaline type.

The initial exploration program conducted for Timmax included geochemical prospecting with 7 silt, 1690 soil and 30 rock samples collected. The soil geochemical results defined several strong zinc trends which sub-parallel horizons of the favourable Nelway Formation. Follow-up prospecting of an 800 meter long, northeast trending, >500 ppm zinc anomaly, resulted in the discovery of the new, high-grade Yellow Zinc showing.

The writer examined the property on July 14, 1991 to evaluate chip samples form the Yellow Zinc Showing which ranged from 1.5 meters grading 29.38% zinc to 4.0 meters grading 12.07% zinc (Figure 8). The writer collected four samples from the Yellow Zinc Showing which are summarized below:

Sample	Location	Type	Width	oz Ag/t	%Pb	%Zn	Checks
5964	Yellow Zinc	Chip	2.2M.	0.01	0.05	21.02	P-R8
5965	" "	Chip	4.0M.	0.01	0.01	12.82	P-R12
5966	" "	Chip	1.7M.	0.02	0.03	23.51	P-R10
5967	" "	Grab	-	0.01	0.01	13.08	

The initial exploration program conducted for Timmax Resources Corporation has been successful in locating a new, high-grade, zinc showing and associated strong soil geochemical anomaly. The writer recommends drilling and trench be conducted to trace the mineralized horizon.

A success contingent, staged exploration program is recommended for further development of the Libby Property. A recommended Stage 1 program of trenching and 300 meters of diamond drilling, for an initial test of the Yellow Zinc Showing, is estimated to cost $100,000. A contingent Stage 2, trenching and 1,000 meter drill program is estimated to cost $210,000.

INTRODUCTION

Timmax Resources Corporation presently holds and option to earn a 100% interest in the Libby Property in the Nelson Mining Division, south-central British Columbia. The writer was retained by the management of Timmax to conduct a field examination of the Libby Property, review the 1991 work program, and to recommend a program of further exploration, if warranted. The writer examined the Libby Property on July 14, 1991 with Mr. Victor Guinet and geologist Robert Yorston of Guinet Management in order to check the work program and to obtain independent samples from showings.

The writer's and other sampling of the Libby Property indicate strong zinc values in dolomite of the Nelway Formation. Results to date provide justification of an initial, Stage 1 drill and trenching program. This report reviews previous exploration results and outlines a success contingent staged exploration program for further evaluation of the Libby Property.

LOCATION AND ACCESS (Figures 1 & 2)

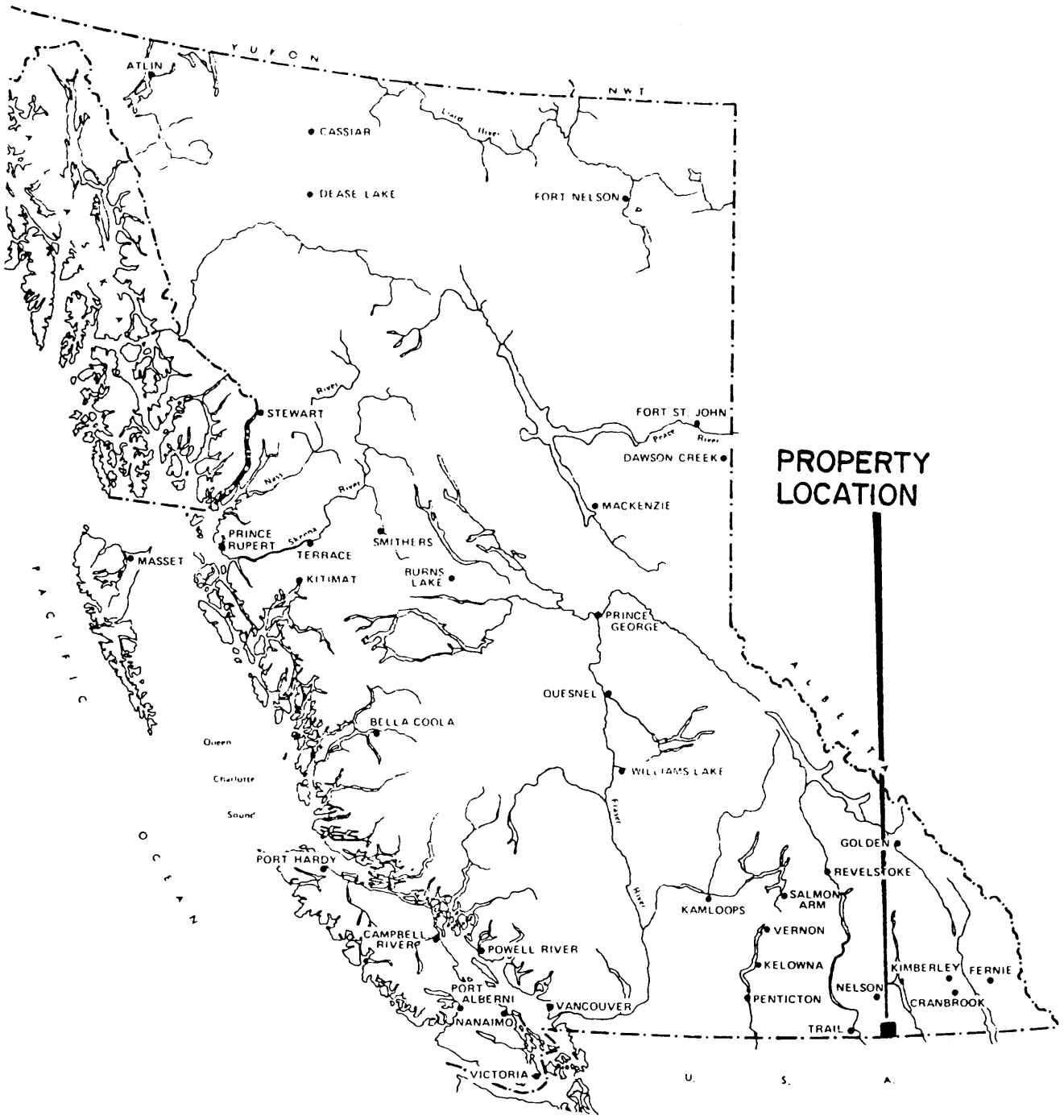
The property is located in the Nelson Mining Division and Kootenay Arch south-central British Columbia (Figure 1). The claims are centred at geographic coordinates 49o 00' 20"N. latitude and 117o 11' 10"W. longitude in N.T.S. map sheet 82F/3E about 60 kilometer south of Nelson and 20 kilometers Salmo, British Columbia. The Canada-United States border forms the southern property boundary.

The property straddles the South Salmo River, Lead Creek and Stagleap Creek. Highway passes through the center of the property with old mining roads extending to the B.C.-Washington border on the Libby 1 claim. The mining roads were established to explore the Ed lead-zinc showing. An A-frame was constructed for access over the South Salmo River and a foot-bridge was constructed for personnel movement.

The Libby Property is situated in the Nelson Range subdivision of the Selkirk Mountains, and covers part of the southern flank of Lost Mountain and westerly flank of Ripple Mountain. Elevations on the property range from about 2600 feet (792M.) in the South Salmo River to over 5,000 feet (1524M.) on a ridge in the northeast corner of Libby 3 and on a ridge in the center of Libby 2. The property has steep terrain which can generally be traversed.

PROPERTY DEFINITION

The Libby Property, consisting of 4 modified grid claim totalling 63 units, covers about 1575 ha (3892 acres) in the Nelson Mining Division. The claims are held under option by Timmax Resources Corporation from Victor Guinet of Vancouver, British Columbia. The writer examined the location of the 4N2E identification posts for the Libby 1 claim and 3W identification post fort the Libby 3 claim. The common LCP for the Libby 1 and Libby 2 is situated on the cut border. The claims are located approximately as shown on Figures 2 and 3 with pertinent claim data summarized on table 1.



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LIBBY PROPERTY

LOCATION MAP

N.T.S. 82F-3E NELSON M.D., B.C.

0 100 200 400 KM.

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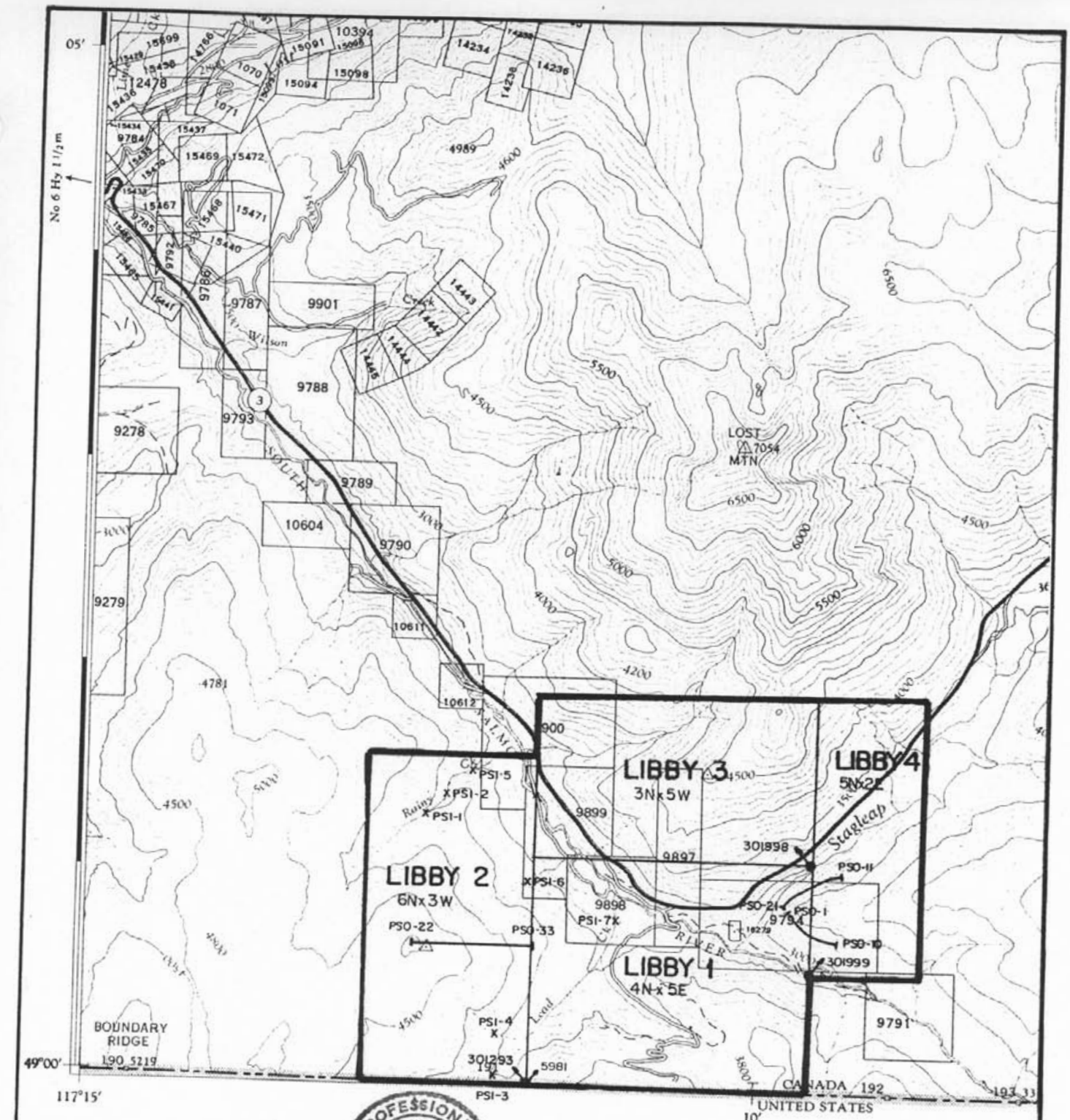
SCALE 1:8,000,000	JULY 1991	FIGURE 1

CHONG



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LEGAL CORNER POST
SOIL SAMPLE LINE (RECONNAISSANCE)
x SILT SAMPLE

N

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LIBBY PROPERTY
CLAIM MAP

N.T.S. 82F-3E NELSON M.D., B.C.

0 1 2 3 KM.

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SCALE 1:50,000	JULY 1991	FIGURE 2

CHONG

TABLE 1. PERTINENT CLAIM DATA

NAMES	UNITS/SHAPE	RECORD #	EXPIRY*	Staker
LIBBY 1	20/4Nx5E	59821	Oct. 24/93	Victor Guinet
LIBBY 2	18/6Nx3W	301293	June 18/92	Victor Guinet
LIBBY 3	15/3Nx5W	301998	July 4/92	Robert Yorston
LIBBY 4	10/5Nx2E	301999	July 3/92	Robert Yorston

* Prior to recording 1991 work program.

HISTORY

The Libby Property covers the old Ed (Condor) lead-zinc prospect with British Columbia Government Mineral Inventory Number 82F/SW-3. The property was initially worked in the 1950's by International Lead and Zinc Mines Ltd. of Vancouver, B.C. with the first report in the 1952 Minister of Mines. In 1952 a jeep road was built to the showings and bulldozer stripping was conducted on prospects south of Lead Creek.

In 1953 hand cobbed high grade was mined from a shallow shaft and 1.5 tons of "ore" was shipped with a gross content of 5 ounces of silver, 2357 pounds of lead and 44 pounds of zinc (Fyles & Hewlett, 1959, p. 94). A 26 meter adit was driven toward the mineralized surface showing (Figure 9).

The B.C. Government Mineral Inventory reported a shippment of 255 tonnes yielding 124 grams of gold, 1,306 grams of silver, 577 kg. lead and 764 kg. zinc in 1970. Prospecting conducted in 1991 has not confirmed the location of the shipment but considerable rock movement has occurred in the area of the North Ridge Showing (Figure 11).

The Ed showing have been covered by claims since 1970 but no reports exist on work on the claims. In October 1989, Victor Guinet acquired the Libby 1 claim and optioned the property to Worthington Resources Ltd. In 1990, an initial geological and geochemical assessment program was conducted for Worthington Resources on the Libby Property by geologist Robert Yorston (Yorston, 1990). Between August 20th and August 26th, 1990, a total of 196 soil samples and 19 rock samples were collected. Soil values up to 2282 ppm lead and 3649 ppm zinc and up to 203 ppm lead and 2523 ppm zinc were obtained from the "North" and "South" grid areas, respectively. Yorston recognized thin layered replacements and disseminations conformable to layering in dolomite of the Nelway Formation and breccia and fracture controlled mineralization. Values up to 9.2% zinc across 1.2 meters were obtained by Yorsten with grid geological and geochemical coverage for areas around the "shaft" and "North Ridge Showing".

By agreement dated April 8, 1991 Worthington Resources Inc.'s option on the Libby Property was acquired by Timmax Resources Corporation. Peter Christopher & Associates Inc. was retained by the management of Timmax to review the qualifying exploration program conducted for the company, to conduct an engineering examination, and prepare assessment and engineering reports. The writer examined the Libby Property with geologist Robert Yorston and Victor Guinet on July 14, 1991.

1991 WORK PROGRAM

The 1991 exploration program on the Libby Property was conducted for Timmax Resources Corporation by Guinet Management between May 22nd and July 20th, 1991. Fieldwork was conducted by geologist Robert Yorston and prospectors Victor Guinet and Peter Newman. The writer examined the Libby Property on July 14, 1991 with R. Yorston and V. Guinet. The writer collected six samples (Table 2) to evaluate showings established by previous sampling. Rock sample descriptions are summarized in Appendix A with analytical results presented in Appendix B.

The exploration program consisted of road clearing for ATV access with an A frame and a foot bridge constructed for movement of supplies and personnel across the South Salmo River. A tent camp was established at about the 3500 foot elevation on the old mining access road. A base line and sub-base line were cut (2.15 KM) and used for establishing 45.8 kilometers of flagged cross lines. Cross lines were soil sampled at 25 or 50 meter intervals (Figures 5-7) with a total of 1514 soils collected. A total of 26 rock samples were collected for prospecting purposes and to evaluate showings. A total of 1690 soils were analyzed for ICP at Acme Analytical Laboratories in Vancouver, B.C. Soil sample results for zinc, lead and silver are plotted and contoured on Figures 5 through 7 with certificates of analyses presented in Appendix B of the assessment report. Geochemical analyses for soils were subjected to statistical analyses by Acme (Appendix B). Rock and silt samples were analyzed for ICP with selected rocks assayed for zinc, lead, silver and/or gold (Appendix B).

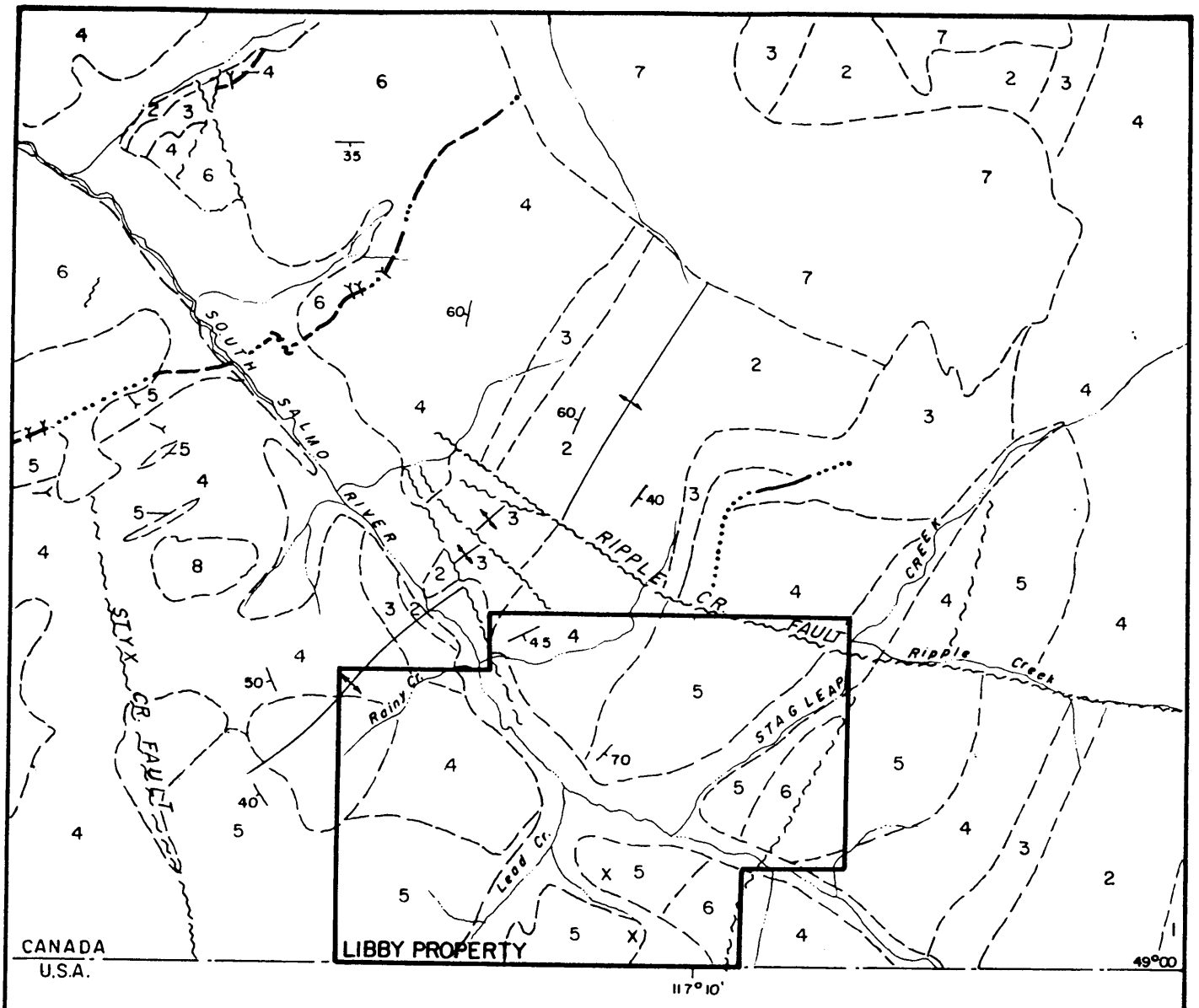
Prospecting was conducted over the entire property area with hand trenching (50 meters) mainly conducted on the new Yellow Zinc Showing. Mapping at 1:2500 scale was conducted over the grid area by geologist Robert Yorston (Figure 4) with detailed mapping conducted over the four strongest showings (Figures 8-11).

The cost statement presently as Appendix C in the assessment report outlines program costs totalling $75,000.

GENERAL GEOLOGY (Figure 3)

The Libby Property is situated in the Kootenay Arc Tectonic subdivision and the Omineca Tectonic Belt of the southern Canadian Cordillera. The Kootenay Arc is a curving belt of deformed sedimentary, volcanic and metamorphic rocks trending southeasterly near Revelstoke, southerly along Kootenay Lake and southwesterly for about 100 miles across Washington. The southerly extension is obscured by the Columbia River basalts. The ARC, consisting of a thick succession of Cambrian to late Mesozoic sedimentary and volcanic lies between the Prucell Anticlinorium on the east and gneiss of the Shuswap Metamorphic Complex on the west. The rock units show a general pattern with older rocks to the east and younger rocks to the west.

The geology of the Salmo area has been mapped by Fyles and Hewlett (1959) for the B.C. Department of Mines and by Walker (1934) and Little (1964) for the Geological Survey of Canada. The area of the Libby property is underlain by early Paleozoic rocks of the Cambrian



- Heavily drift-cover area
- 8 Coryell Plutonic Rock
- 7 Nelson Plutonic Rock
- 6 Active Formation
- 5 Nelway Formation
- 4 Laid Formation
- 3 Reno Formation
- 2 Quartzite Range Formation
- 1 Three Sister Formation

Fault

Thrust fault

Anticline

X Adit, pit & trench

After G.S.C. Map 1145A

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LIBBY PROPERTY
REGIONAL GEOLOGY

N.T.S. 82F-3E NELSON M.D., B.C.

0 1 2 4 KM.

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SCALE 1:63,360	JULY 1991	FIGURE 3

CHONG

carbonate units of Laib and Nelway Formations and dark shales and argillites of the Ordovician Active Formation (Figure 3). The units are shown to have north-northeast trends and generally steep easterly dips. The property is situated between the axis of the Sheep Creek Anticline to the west and the Laib Syncline to the east. Formations are shown to be partly in fault contact.

LOCAL GEOLOGY (Figures 4; 8-11)

Mapping by Yorston (1990) confirmed that the Libby 1 claim was underlain by dolomite of the Nelway Formation with argillite and subordinate limy members of the overlying Active Formation. The Nelway Formation consists of a lower member limestone, a middle member dolomite and an upper member limestone. The Nelway Formation is equivalent to the Metaline Formation of Washington State which contains the productive "Yellowhead" and "Josephine" horizons in dolomite and limestone of the upper member. The Josephine horizon is within 200 feet (61m.) of the overlying Ordovician rocks and is separated from the Yellowhead formation by about 1000 feet (305m.).

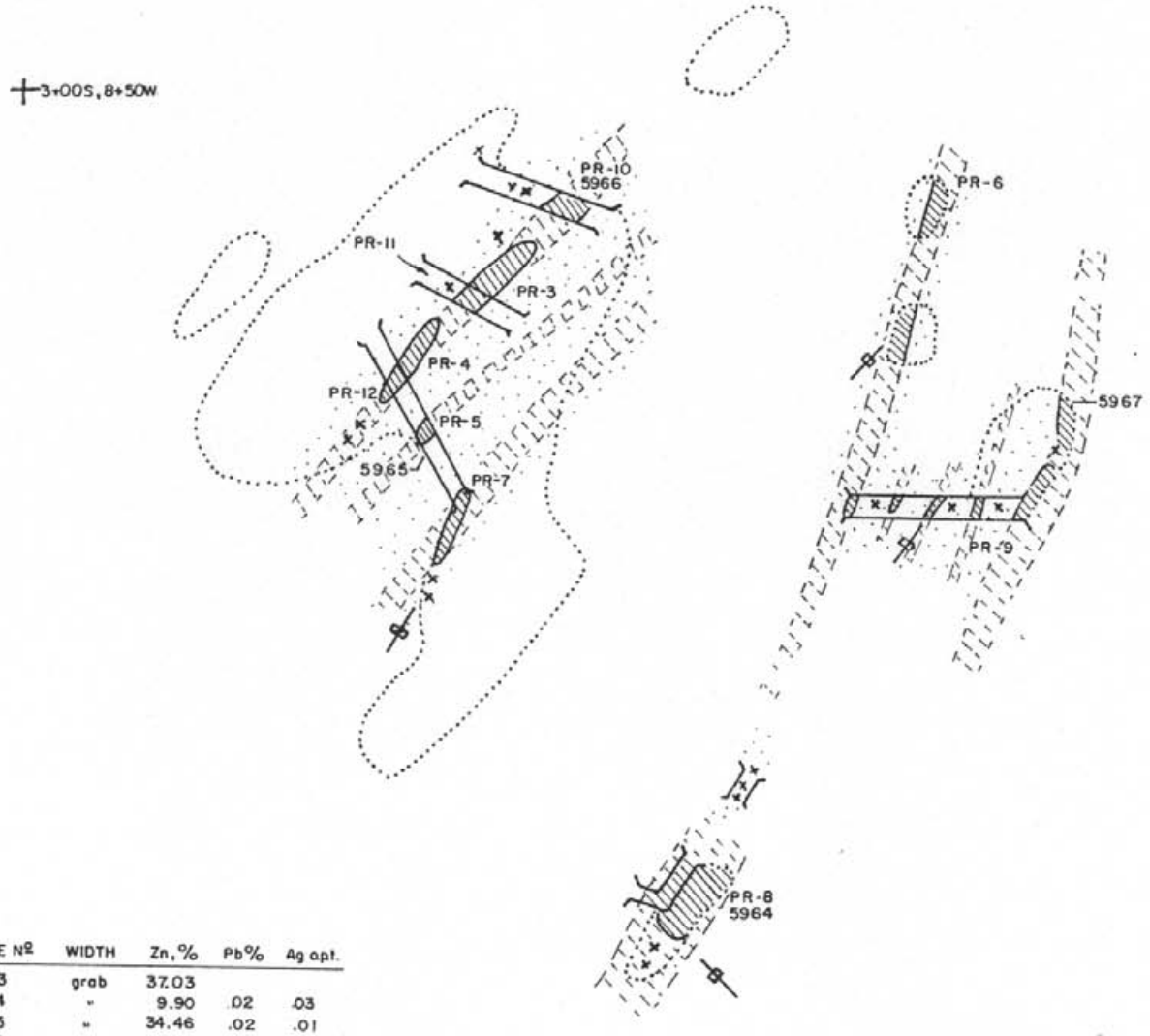
The 1991 geological mapping by Robert Yorston and Peter Newman is summarized on Figure 4 with detailed mapping and sample plans for the showings presented as Figures 8 through 11. All the mineral occurrences are within the upper member of the Nelway formation which has been recrystallized and dolomitized. Northwest and northeast trending faults act as controls for mineralization at the adit and shaft showing (Figure 9) and brecciation is associated with mineralization at the North Ridge Showing. The North Ridge Showing is probably closer to the Active Formation contact, since a similar stratigraphic position is occupied by mineralized breccia of the productive Josephine horizon in the Metaline District. The New Yellow Zinc showing (Figure 8) has no exposed breccia or strong faults and may represent a lower mineralized horizon like the productive Yellowhead horizon in the Metaline District.

MINERALIZATION

The strongest lead-zinc metallogenic province in the Cordillera crosses the British Columbia-U.S. boundary and includes the Kootenay Arc. Fyles (1970) has divided deposits of the Kootenay Arc into the Bluebell, Salmo and Metaline types.

The Salmo type is represented and exemplified by the Reeves MacDonald, H.B and Jersey Mines which occur within Lower Cambrian Limestone which extends from the HB Mine about 16 kilometers north of the Libby Property through the Jersey Mine to the Reeves MacDonald Mine about 14 kilometers west of the Libby Property. To 1966, the three mines had combined production of about 16.8 million tons yielding about 0.1 oz Ag/ton, 1.26% lead and 3.93% zinc.

Deposits of the Bluebell type consist of massive and disseminated sulphides in limestone adjacent to fractures and faults. The best examples are the Bluebell Mine and Lucky Jim Mine about 25 miles (40Km.) northeast and 35 miles (56Km.) north of Nelson, respectively. The Bluebell Mine produced 4.078 million tons yielding 1.35 oz. Ag/ton, 4.9% lead and 5.1% zinc.



SAMPLE Nº	WIDTH	Zn, %	Pb %	Ag opt.	
PR-3	grab	37.03			
-4	"	9.90	.02	.03	
-5	"	34.46	.02	.01	
-6	"	4.23	.01	.02	
-7	"	20.76	.01	.01	
-8	1.5m.	29.38			
-9	4.8m	3.84			
-10	1.75m	25.91			
-11	2.25m	15.49			
-12	4 m.	12.07			
5964	2.2m	21.02	.05	.01	Writer's samples
5	4.0m	12.82	.01	.01	
6	1.7 m	23.51	.03	.02	
7	Grab	13.08	.01	.01	

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DOLOMITE OUTCROP
HAND TRENCH
SEMI MASSIVE TO MASSIVE SPHALERITE
MINOR SPHALERITE
JOINTS
DISS. SPHALERITE

N

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LIBBY PROPERTY
YELLOW ZINC SHOWING

N.T.S. 82F-3E NELSON M.D., B.C.

0 5 10 METRES

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SCALE 1:200	JULY 1991	FIGURE 8

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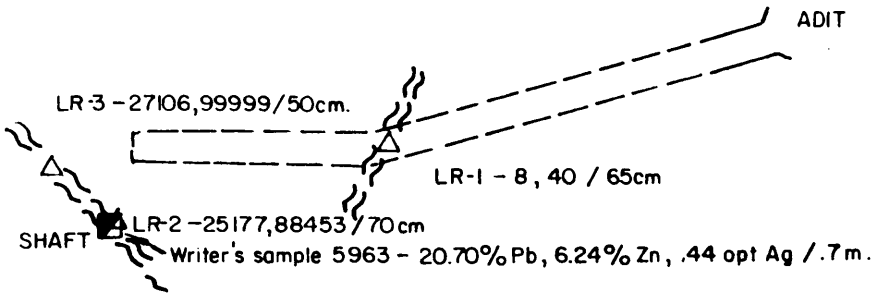
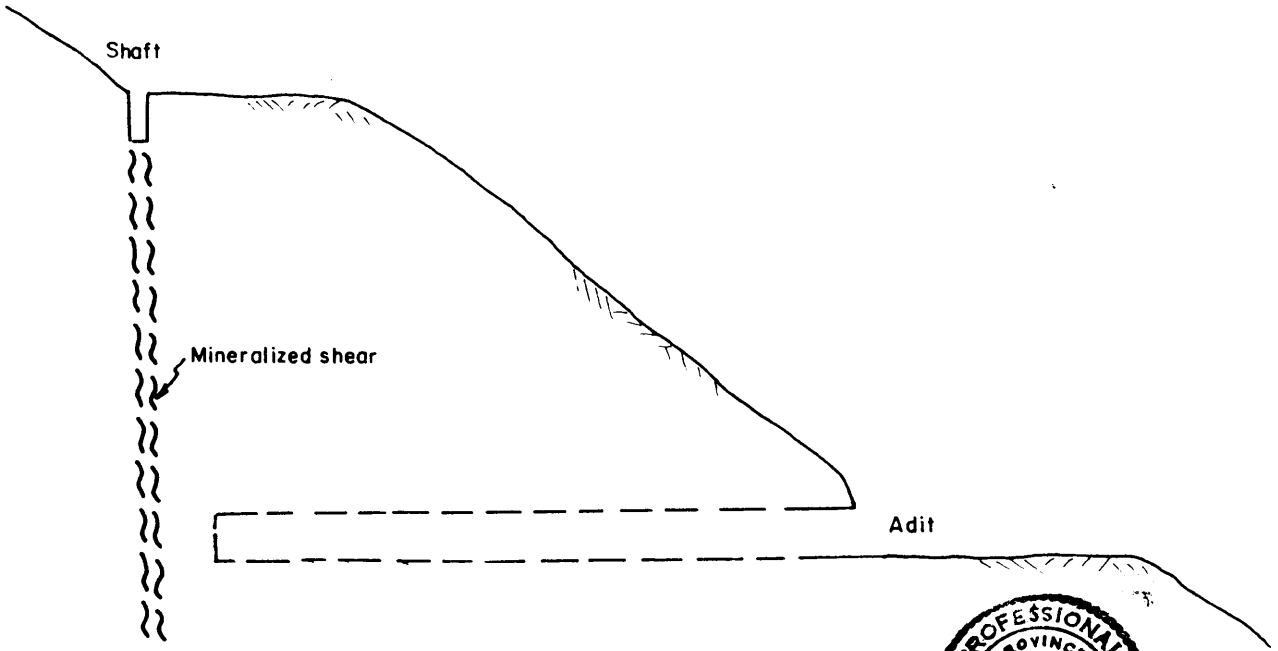


Rock sample Nº. - Pb ppm, Zn ppm / Width

PLAN

SECTION



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LIBBY PROPERTY

ADIT AND SHAFT

N.T.S. 82F-3E NELSON M.D., B.C.

0 5 10 15 METRES

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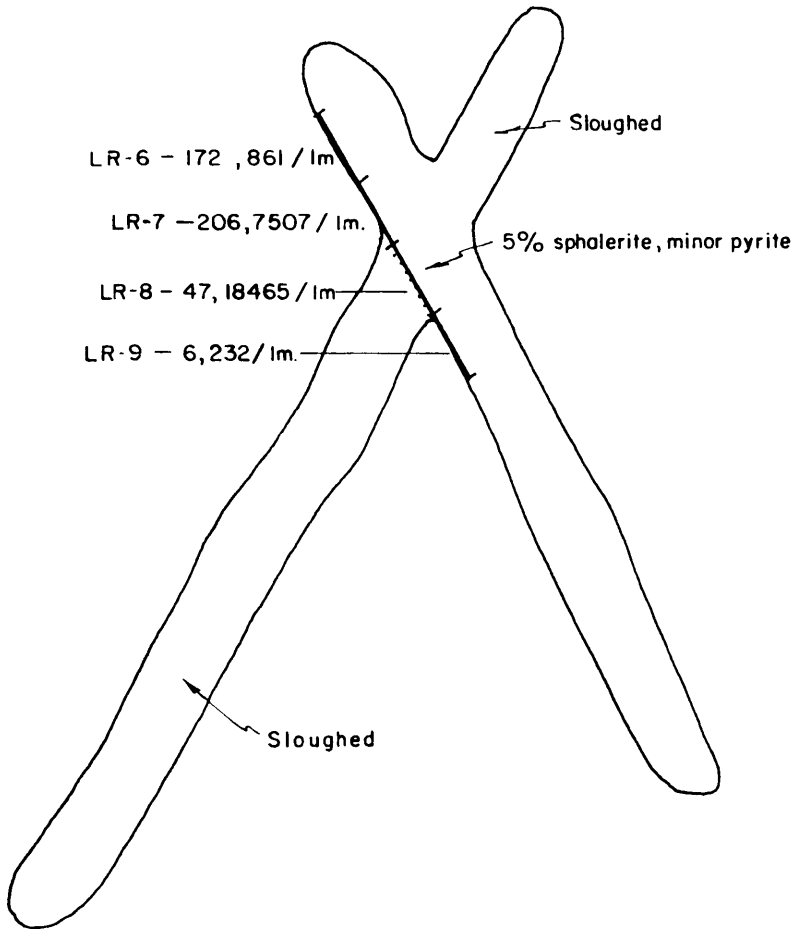
SCALE 1:300	JULY 1991	FIGURE 9

CHONG



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Sample Nº — Pb ppm , Zn ppm / width

N

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LIBBY PROPERTY

TRENCH SHOWING

N.T.S. 82F-3E NELSON M.D., B.C.

0 1 5 METRES

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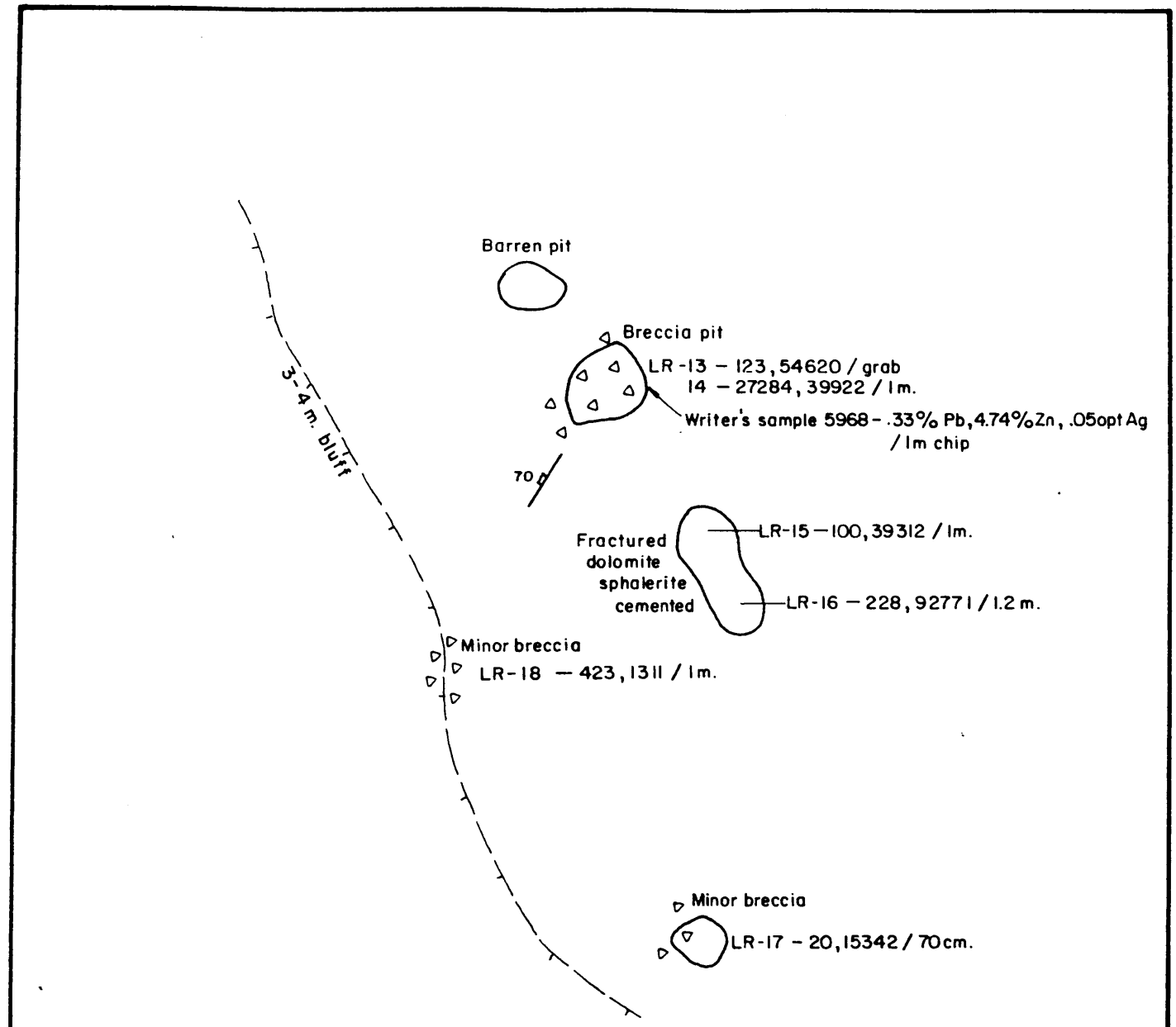
SCALE 1:100	JULY 1991	FIGURE 10

CHONG



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Rock sample № – Pb ppm, Zn ppm / width

N

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LIBBY PROPERTY

NORTH RIDGE SHOWING

N.T.S. 82F-3E NELSON M.D., B.C.

0 1 5 METRES

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SCALE 1:100	JULY 1991	FIGURE 11

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The Metaline type include lenticular, stratiform deposits in relatively undeformed upper Cambrian carbonates. The best examples are the Pend Oreille, Granview and Metaline Mines about 15 kilometers southwest of the Libby Property near Metaline Falls. Addie (1970) reported that from 1906 through 1969 the Metaline District produced 657,109 ounces of silver, 394 million pounds of lead and 837 million pounds of zinc from ores with combined lead-zinc grade of about 4%.

Lead-zinc mineralization on the Libby Property is of the Metaline type with mineralization consisting of galena and honey-coloured sphalerite in cherty dolomite of the upper part of the Nelway Formation (Metaline equivalent). Old showings indicated that lead and zinc mineralization occurred in similar setting to deposits near Metaline Falls. Rock sampling was conducted to evaluate old showings and prospecting of a strong zinc in soil anomaly resulted in the discover of the new Yellow Zinc showing. Significant rocks samples collected during the 1991 field program and the writer's check samples are summarized in Table 2 and on Figures 4 and 8 through 11. Rock sample description are presented in Appendix A.

Table 2. Summary of 1991 Rock Sampling Results.

Sample	Location	Type	Width	oz Ag/t	%Pb	%Zn	Checks
			Writer's Samples				
5963	2+50S 6+50W	Chip	70CM.	0.44	20.70	6.24	LR-2
5964	Yellow Zinc	Chip	2.2M.	0.01	0.05	21.02	P-R8
5965	" "	Chip	4.0M.	0.01	0.01	12.82	P-R12
5966	" "	Chip	1.7M.	0.02	0.03	23.51	P-R10
5967	" "	Grab	-	0.01	0.01	13.08	
5968	Ed Showing	Chip	1.0M	0.05	0.33	4.74	LR-14
			Samples by Guinet Management				
P-R1	2+50N 1+25E	Select	-	0.01	0.01	1.67	
P-R2	3+00S 8+30W	Grab	-	0.04	0.02	27.36	
P-R3	" "	Grab	-	0.03	0.02	37.03	
P-R4	Yellow Zinc	Grab	-	0.03	0.02	9.90	
P-R5	" "	Grab	-	0.01	0.02	34.46	
P-R6	" "	Grab	-	0.02	0.01	4.23	
P-R7	" "	Grab	-	0.01	0.01	20.76	
P-R8	" "	Chip	1.5M.			29.38	
P-R9	" "	Chip	4.8M.			3.84	
P-R10	" "	Chip	1.75M.			25.91	
P-R11	" "	Chip	2.25M.			15.49	
P-R12	" "	Chip	4.0M.			12.07	
P-R13	3+00S 9+00W	Chip	1.0M	0.01	0.01	13.46	
P-R14	3+00S 8+90W	Grab	-	0.08	0.01	13.82	
P-R15	5+50S 2+00W	Grab	-	0.02	0.01	0.19	
P-R16	1+50S 8+30W	Grab	-	0.01	0.01	6.43	
P-R17	2+00N 4+75W	Grab	-	0.04	0.01	1.44	
P-R18	2+00N 4+75W	Grab	-	0.02	0.01	8.37	

In the North Ridge Showing area (Fig. 4 & 11), mineralization consists of disseminations and lenses of galena and sphalerite in cherty brecciated dolomite. Samples from the North Ridge showing by Yorston (1990) contained up to 9.3% zinc over 1.2 meters chip sample LR-16. The writer's chip sample 5968 contained 0.33% lead and 4.74% zinc over 1.0M. and supported Yorston's sample LR-14 which contained 27284 ppm lead and 39922 ppm zinc. Fyles and Hewlett (1959) stated that, "In the showings north of Lead Creek, cherty and brecciated dolomite, containing disseminated sphalerite and galena, is exposed over an area 600 to 700 feet from east to west and about 500 feet from north to south.

At the Adit and Shaft Showing (Figure 9), sphalerite and galena mineralization occurs within a northwest trending shear. A 3 meter deep shaft was sunk on a lens of strongly mineralized medium-grained galena and light-coloured sphalerite. A 27 meter adit was driven westerly toward the shaft area, but because the zone was striking about 315' and dipping vertically to steeply southwest, the adit did not reach the target. Chip sample 5963, collected by the writer from the north face of the shaft, contained 20.70% lead, 6.24% zinc and 0.44 opt Ag over 0.7M.

Grid line 3S crossed outcropings with up to 1 meter of massive sphalerite in a mineralized zone which has been exposed by hand trenching over a 20 meter width. The zone has a number of massive to semi-massive sphalerite layers in siliceous dolomite containing disseminated mineralization. The sphalerite layers conform to the northeast trend and steep easterly dip of the local stratigraphy. The sphalerite is honey to yellow in colour and the new showing was named the Yellow Zinc Showing. Assays up to 37.03% zinc have been obtained for grab samples (ie. P-R3) with 1.5 meter chip sample P-R8, collected by Peter Newman, containing 29.38% zinc. Three chip samples, collected by the writer, varied between 4.0 meters grading 12.82% zinc and 1.7 meters grading 23.51% zinc. The writer's sample support the high grade nature of the Yellow Zinc Showing. The strongest and largest mineralized zone in the Metaline District occurs in restricted stratigraphic intervals which appears to be the setting of the Yellow Zinc showing.

Several smaller showings and areas of mineralized float were found during the 1991 field program. Further exploration is required to evaluate these occurrences.

GEOCHEMICAL PROGRAM (Figures 5 - 7)

The geochemical program consisted of 30 rock samples, 7 silt samples, and 1690 soil samples with over 48 line kilometers of soil sampling. Silt and soils were submitted to Acme Analytical Laboratories Ltd. in Vancouver for 30 element ICP. Rock samples all assayed for zinc and selectively for lead, silver, gold, and cadmium. The writer collected 6 samples which were assayed for lead, zinc and silver. Soil samples were general from 20cm to 30cm depths with an attempt made to collect B horizon material. Rock description are

presented in Appendix A with analytical results presented in Appendix B and summarized on Figures 4 and Figures 8 through 11. Soil geochemical results are presented in Appendix B of the assessment report (Christopher, 1991) with zinc, lead and silver values contoured on Figures 5 through 7, respectively. The initial 1514 soil samples were graphed and statistically analyzed by Acme with results presented in appendix B. Discussion of zinc, lead and silver results follow.

Zinc

Zinc values in soils vary from a minimum of 50 ppm to 9103 ppm from below the Shaft and Adit showing. A value of 8892 ppm zinc was obtained from soil down hill from the Yellow Zinc Showing. The data plot shows a bimodal distribution of values with strongly anomalous values over 500 ppm. Soils are contoured at 500, 1000, 1500, and >2000 ppm on Figure 5. An 800 meter, northeast trend anomaly with values >500 ppm zinc is associated with the Yellow Zinc Showing. The anomaly is up to 200 meters wide and open west of Lead Creek. The terrane slopes steeply westerly in the area of the Yellow Zinc Showing and the anomaly may have spread down slope.

Lead

Lead values in soils vary from 2 ppm to 1147 ppm with the strongest response from the area of the North Ridge Showing. Lead values are contoured at 100 ppm and 200 ppm on Figure 6 with an number of anomalous trends sub-parallel to stratigraphy. Prospecting is required to explain may of the stronger responses.

Silver

Silver values varied from the detection limit of 0.1 ppm to 7.1 ppm with strongest response at the northwest corner of the grid. A total of 22 values $\geq$ 1.0 ppm are outlined on Figure 7. The lack of strong silver response is consistent with the low precious metal content of the Metaline type lead-zinc deposits.

DISCUSSION

The Libby Property has several known lead-zinc occurrence with limited production reported a shear zone at the Shaft and Adit Showing (Figure 9) and a breccia zone at the North Ridge Showing (Figure 11). A grid geochemical program conducted for Timmax Resources Corporation has been successful in locating a new zinc showing called the Yellow Zinc Showing (Figure 8) with the name assigned because of outcroping massive yellow sphalerite. A 20 meter wide, stratiform mineralized zone, has been exposed by hand trenching but only a small section of an 800 meter, northeast trending zinc >500 ppm soil anomaly has been tested. Since the Yellow Zinc Showing contains little pyrite or pyrrhotie, trenching and drilling are the best methods to trace the showing and test the associated zinc soil anomaly.

CONCLUSIONS AND RECOMMENDATION

The initial exploration program conducted for Timmax Resources Corporation has been successful in locating a new, high-grade, zinc

showing and associated strong soil geochemical anomaly. The writer recommends drilling and trench be conducted to trace the mineralized horizon.

A success contingent, staged exploration program is recommended for further development of the Libby Property. A recommended Stage 1 program of trenching and 300 meters of diamond drilling, for an initial test of the Yellow Zinc Showing, is estimated to cost $100,000. A contingent Stage 2, trenching and 1,000 meter drill program is estimated to cost $210,000.

COST ESTIMATES

STAGE 1. DIAMOND DRILLING & TRENCHING

PROJECT PREPARATION & MOBILIZATION	$ 1,000
TRANSPORTATION AND LIVING ALLOWANCE	9,000
ROADS, TRENCHING & RECLAMATION	15,000
SUPERVISION & LOGGING	15,000
DIAMOND DRILLING 300 METERS @ 100/METER	30,000
GEOCHEMICAL ANALYSES 700 @ $ 15 EA.	6,000
CONSULTING AND REPORT PREPARATION	6,000
G.S.T.	6,000
RECORDING	3,000
CONTINGENCY	9,000
STAGE I TOTAL	$ 100,000

STAGE 2. DIAMOND DRILLING & TRENCHING

PROJECT PREPARATION	$ 2,000
TRANSPORTATION AND LIVING ALLOWANCE	15,000
ROADS, TRENCHING & RECLAMATION	25,000
SUPERVISION & LOGGING	30,000
DIAMOND DRILLING 1,000 METERS @ 90/METER	90,000
SUPPLIES AND MATERIALS	3,000
GEOCHEMICAL ANALYSES	10,000
CONSULTING AND REPORT PREPARATION	10,000
G.S.T	10,000
CONTINGENCY	15,000
STAGE 2 TOTAL	$ 210,000

Peter A. Christopher PhD., P.Eng.
July 30, 1991

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CERTIFICATE

I, Peter A. Christopher, with business address at 3707 West 34th Avenue, Vancouver, British Columbia, do hereby certify that:

1) I am a consulting geological engineer registered with the Association of Professional Engineers of British Columbia since 1976.

2) I am a Fellow of the Geological Association of Canada and a member of the Society of Economic Geologists.

3) I hold a B.Sc. (1966) from the State University of New York at Fredonia, a M.A. (1968) from Dartmouth College and a Ph.D. (1973) from the University of British Columbia.

4) I have been practising my profession as a Geologist for over 25 years.

5) I have no direct or indirect interest, nor do I expect to receive any interest directly or indirectly in the property or securities of Timmax Resources Corporation.

6) I have based this report on all available geological data on the property and adjacent mineral deposits. I conducted a field examination of the Libby Property on July 14, 1991 to collect check samples and to review the 1991 work program.

7) I consent to the use of this report by Timmax Resources Corporation in any Filing Statement, Statement of Material Facts, Prospectus, or for filing assessment work.

Peter A. Christopher, PhD.,P.Eng.
July 30, 1991

Appendix A

Table A1. Description of Samples by P.A. Christopher, P.Eng.

Sample	Location	Type	Width	Description
5963	2+50S 6+50W	Chip	70CM.	Fault Breccia Zone, Galena & Sphalerite, 310' 80'SW.
5964	Yellow Zinc	Chip	2.2M.	Sphalerite Rich Dolomite Ck. PR8
5965	" "	Chip	4.0M.	Sphalerite Rich Dolomite Ck. PR12
5966	" "	Chip	1.7M.	Heavy yellow sphalerite Ck. PR10 & PR 2.
5967	" "	Grab	-	Heavy Yellow sphalerite, single piece chipped from otc.
5968	Ed Showing	Chip	1.0M	Checks 1990 sample LR-14

Table A2. Description of Rock Samples by Guimet Management.

Sample	Location	Type	Width	Description
P-R1	2+50N 1+25E	Select	-	Qtz.-carb. breccia float, Sph. from old trench.
P-R2	3+00S 8+30W	Grab	-	Local float with >15% Sph.
P-R3	" "	Grab	-	Otc. >20% Sph.
P-R4	Yellow Zinc	Grab	-	Otc. banded dolomite 8% Sph. Minor Py.
P-R5	" "	Grab	-	Otc. >12% Sph.
P-R6	" "	Grab	-	Breccia with 5% Sph.
P-R7	" "	Grab	-	Sph. bearing rock.
P-R8-12	" "	Chips	See Fig. 8	Various Sph. bearing chip samples
P-R13	N. 3+00S 9+00W	Chips	1.0M	Breccia with disseminated Sph. exposed 1.5x1.0M.
P-R14	3+00S 8+90W	Grab	-	Sph. 1.0mx5M. zone, fracture @ 30'vert. controls min.
P-R15	5+50S 2+00W	Grab	-	Breccia Float 1M. diameter, reacts to Zn Zap.
P-R16	1+50S 8+30W	Grab	-	Small Sph. showing.
P-R17	2+00N 4+75W	Grab	-	Breccia Zone, several meters wide with patchy sph. in matrix.
P-R18	2+00N 4+75W	Grab	-	Float with sph. on fractures.
P-R19	3+00S 4+75W	Grab	-	Limonitic dolomite float, Sph.

APPENDIX B

CERTIFICATES OF ANALYSES
STATISTICAL PLOTS

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

ASSAY CERTIFICATE

Peter A. Christopher PROJECT LIBBY 1 FILE # 91-2555
3702 W. 34th Ave., Vancouver BC V6N 2C6

SAMPLE#	Pb %	Zn %	Ag oz/t
Y 5963	20.70	6.24	.44
Y 5964	.05	21.02	.01
Y 5965	.01	12.82	.01
Y 5966	.03	23.51	.02
Y 5967	.01	13.08	.01
Y 5968	.33	4.74	.05

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 15 1991 **DATE REPORT MAILED:** July 23/91.

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

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

ASSAY CERTIFICATE

Quinet Management PROJECT 91551 FILE # 91-2596

305 - 850 W. Hastings St., Vancouver BC V6C 1E1 ATTN: Y. QUINET

SAMPLE#	Pb %	Zn %	Ag oz/t	Cd %
PR-1	.01	1.67	.01	.01
PR-2	.02	27.36	.04	.07
PR-4	.02	9.90	.03	.02
PR-5	.02	34.46	.01	.10
PR-6	.01	4.23	.02	.01
PR-7	.01	20.76	.01	.07
PR-13	.01	13.46	.01	.03
PR-14	.01	13.82	.08	.05
PR-15	.01	.19	.02	.01
PR-16	.01	6.43	.01	.02
PR-17	.01	1.44	.04	.01
PR-18	.01	8.37	.02	.02
STANDARD R-1	1.36	2.31	2.87	.05

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AG - 10 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 17 1991 DATE REPORT MAILED: July 24/91

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

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

ASSAY CERTIFICATE

Guinet Management PROJECT LIBBY FILE # 91-2373

305 - 850 W. Hastings St., Vancouver BC V6C 1E1

SAMPLE#	Zn %	Au* ppb
LYR-1	.57	6
LYR-2	.77	-
P-R-3	37.03	-
P-R-8	29.38	-
P-R-9	3.84	-
P-R-10	25.91	-
P-R-11	21.50	-
P-R-12	15.49	-
P-R-13	12.07	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP.
- SAMPLE TYPE: P1-P4 SOIL P5 SILT P6 ROCK
GEOCHEM AU (10gm) ANALYSIS BY ACID LEACH/AA

DATE RECEIVED: JUL 7 1991 **DATE REPORT MAILED:** July 15/91.

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

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

ASSAY CERTIFICATE

Guinet Management FILE # 91-2208
305 - 850 W. Hastings St., Vancouver BC V6C 1E1

SAMPLE#	ZN %
LB 1	33.70

- SAMPLE TYPE: ROCK

DATE RECEIVED: JUL 3 1991 DATE REPORT MAILED: July 4/91

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
P-R-3	2	8	188	99999	1.1	5	1	100	.32	10	5	ND	1	14	876.6	2	2	4	6.79	.016	2	2	3.76	4	.01	2	.03	.02	.01	1

ACME ANAL ICAL LABORATORIES LTD. 852 E. HASTINGS ST. VA OUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Guinet Management PROJECT LIBBY File # 91-1718 Page 1

305 - 850 W. Hastings St., Vancouver BC V6C 1E1 Submitted by: V. GUINET

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
7+00N 0+25E	1	9	27	120	.1	22	8	321	2.43	10	5	ND	4	12	.2	2	2	28	.15	.202	10	15	.25	158	.12	3	3.65	.02	.05	3
7+00N 0+50E	1	11	22	171	.1	20	11	805	2.78	10	5	ND	3	12	.2	2	2	32	.10	.291	6	16	.20	143	.15	3	3.29	.02	.05	3
7+00N 0+75E	1	19	19	109	.1	32	11	290	2.72	6	5	ND	5	13	.2	2	2	34	.14	.096	12	21	.38	139	.09	2	2.81	.01	.07	2
7+00N 1+25E	1	11	48	330	.1	27	10	943	2.83	7	5	ND	5	16	.8	3	2	35	.95	.150	16	24	.74	187	.05	4	1.73	.02	.09	1
7+00N 1+50E	1	11	21	129	.1	19	8	695	2.26	5	5	ND	3	20	.4	2	2	25	.74	.117	13	16	.48	153	.11	4	2.74	.03	.07	4
7+00N 1+75E	1	8	58	203	.1	22	8	387	2.64	4	5	ND	5	19	.3	2	2	29	.60	.044	16	18	.57	139	.12	3	2.97	.03	.08	1
7+00N 2+00E	1	8	24	129	.2	25	9	283	2.69	3	5	ND	5	13	.2	2	2	33	.30	.093	14	21	.42	138	.10	3	2.91	.02	.07	1
7+00N 2+25E	1	8	19	107	.1	19	8	201	2.54	4	5	ND	4	11	.2	2	2	29	.15	.155	10	16	.25	128	.13	2	3.56	.02	.05	2
7+00N 2+50E	1	11	26	115	.1	24	9	393	2.49	7	5	ND	4	15	.4	2	2	36	.22	.151	10	19	.33	159	.12	2	3.26	.02	.06	3
7+00N 2+75E	1	11	21	114	.1	25	9	381	2.62	2	5	ND	5	14	.2	2	2	34	.34	.134	13	21	.39	120	.10	3	2.70	.02	.08	1
7+00N 3+00E	1	12	18	108	.1	28	10	244	2.60	4	5	ND	5	15	.2	2	2	40	.25	.093	18	28	.57	87	.09	2	1.83	.01	.06	2
7+00N 3+25E	1	7	15	70	.2	12	4	286	1.67	4	5	ND	2	21	.2	2	2	16	1.25	.365	12	12	.49	146	.12	3	3.46	.04	.04	2
7+00N 3+50E	1	8	13	72	.1	13	5	450	1.96	5	5	ND	2	21	.5	4	2	22	2.44	.125	13	14	1.32	112	.11	4	3.10	.03	.04	1
7+00N 3+75E	1	11	28	101	.1	26	10	279	2.77	7	5	ND	6	14	.2	2	2	36	.35	.094	15	22	.56	141	.10	2	2.79	.02	.07	4
7+00N 4+00E	1	7	22	109	.1	20	8	559	2.30	4	5	ND	3	13	.3	2	2	29	.22	.172	11	17	.29	172	.09	3	2.22	.02	.06	2
7+00N 4+25E	1	23	27	106	.1	30	10	383	2.60	7	5	ND	6	14	.3	4	2	32	.26	.070	17	24	.51	172	.07	3	2.17	.02	.10	5
6+50N 0+25E	1	8	27	148	.1	22	8	541	2.51	7	5	ND	4	10	.2	2	2	28	.15	.234	10	17	.28	170	.11	3	2.97	.02	.05	2
6+50N 0+50E	1	16	26	116	.1	25	9	256	2.62	10	5	ND	5	14	.2	4	2	32	.18	.137	11	18	.30	150	.13	3	3.50	.02	.05	4
6+50N 0+75E	1	6	13	186	.1	14	5	491	1.75	4	5	ND	2	22	.5	2	2	17	.96	.330	11	12	.36	203	.15	5	3.36	.04	.06	3
6+50N 1+00E	1	11	24	128	.1	20	7	368	2.27	5	5	ND	4	24	.5	3	2	24	.67	.211	15	17	.42	170	.13	4	3.37	.04	.08	3
6+50N 1+25E	1	17	25	115	.4	20	8	301	2.37	4	5	ND	5	22	.8	2	2	25	.52	.111	17	16	.44	123	.12	5	3.27	.04	.06	4
6+50N 1+50E	1	8	48	150	.2	15	7	725	2.18	2	5	ND	3	15	.8	2	2	23	.40	.163	12	15	.31	154	.12	3	2.95	.02	.05	1
6+50N 1+75E	1	13	38	131	.1	31	11	405	2.93	6	6	ND	7	15	.2	4	2	33	.23	.089	16	22	.48	157	.10	3	2.81	.02	.10	3
6+50N 2+00E	1	7	27	127	.2	20	8	261	2.55	6	5	ND	4	11	.2	2	2	30	.13	.129	11	16	.26	141	.14	3	3.61	.02	.06	1
6+50N 2+25E	1	4	35	146	.1	25	9	629	2.64	3	5	ND	5	13	.5	2	2	30	.28	.132	13	20	.43	183	.10	3	2.81	.02	.08	2
6+50N 2+50E	1	10	32	123	.1	26	9	422	2.58	4	5	ND	5	12	.4	2	2	31	.15	.091	14	20	.37	130	.10	3	2.58	.02	.07	3
6+50N 2+75E	1	10	24	86	.1	27	10	201	2.84	5	7	ND	5	11	.2	2	2	37	.24	.047	12	23	.41	133	.11	3	3.03	.02	.07	1
6+50N 3+00E	1	15	27	112	.2	26	9	841	2.79	2	5	ND	4	20	.9	3	2	30	1.11	.076	18	25	.79	147	.09	4	2.80	.03	.11	1
6+50N 3+25E	1	8	21	74	.2	21	7	464	2.27	2	5	ND	4	23	.5	2	2	29	1.33	.216	16	18	.67	145	.12	4	3.11	.04	.07	1
6+50N 3+50E	1	9	30	110	.3	23	8	798	3.07	4	5	ND	5	18	.6	2	3	34	.93	.163	20	21	.75	187	.14	5	3.96	.03	.10	2
6+50N 3+75E	1	12	19	87	.4	20	7	373	2.12	4	9	ND	4	18	.4	2	2	23	.32	.131	12	16	.29	159	.15	3	3.89	.03	.07	1
6+50N 4+00E	1	9	22	94	.1	19	7	406	2.21	5	5	ND	4	13	.2	2	3	26	.18	.125	10	16	.26	151	.12	2	3.17	.02	.07	3
6+50N 4+25E	1	13	23	109	.1	22	8	432	2.29	5	5	ND	4	13	.5	2	2	27	.20	.161	10	17	.30	166	.11	2	3.06	.02	.07	2
6+50N 4+50E	1	11	24	118	.1	26	9	636	2.55	5	5	ND	4	13	.5	2	2	33	.18	.090	10	19	.32	129	.10	3	2.54	.02	.08	2
6+50N 4+75E	1	18	24	142	.4	31	9	532	2.31	11	5	ND	4	22	.2	2	2	39	.21	.183	8	21	.35	147	.15	3	3.91	.02	.08	4
6+50N 5+00E	1	9	23	115	.1	25	9	526	2.47	5	5	ND	4	12	.2	2	2	32	.19	.139	8	18	.32	123	.11	2	2.85	.02	.08	2
STANDARD C	18	61	42	131	7.3	71	33	1048	3.92	38	22	7	39	52	18.7	15	18	56	.48	.092	39	59	.88	173	.09	31	1.90	.06	.13	12

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

DATE RECEIVED: JUN 11 1991 **DATE REPORT MAILED:** June 14/91. **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
6+50N 5+50E	1	14	32	148	.3	25	10	477	2.77	6	5	ND	6	16	.5	2	2	38	.17	.095	12	21	.36	169	.13	2	3.46	.02	.07	1
6+50N 6+00E	1	11	37	237	.2	25	9	295	2.62	6	5	ND	4	12	.3	2	2	36	.19	.120	13	19	.42	198	.11	2	2.76	.02	.10	1
6+00N 0+25E	1	6	29	169	.2	16	8	332	2.61	2	5	ND	5	8	.2	2	2	35	.08	.170	11	18	.25	183	.12	4	2.67	.01	.05	1
6+00N 0+50E	2	14	29	152	.2	20	9	409	2.70	2	5	ND	6	12	.5	2	4	36	.16	.159	14	21	.33	145	.12	2	3.11	.02	.06	1
6+00N 0+75E	1	11	27	195	.1	19	7	360	2.47	4	5	ND	4	20	.3	2	2	29	.78	.365	15	21	.44	186	.11	2	2.88	.03	.08	1
6+00N 1+00E	1	9	48	315	.2	15	4	338	1.88	3	5	ND	2	25	.7	2	2	19	1.47	.187	11	16	.77	129	.10	3	2.24	.04	.10	1
6+00N 1+25E	1	11	77	498	.3	10	5	701	2.40	2	5	ND	3	27	1.6	2	2	25	1.69	.453	14	17	.64	199	.14	7	3.17	.04	.10	1
6+00N 1+50E	1	8	81	204	.2	15	7	395	2.78	2	5	ND	4	20	.3	2	2	34	.41	.138	14	19	.35	207	.16	3	3.80	.04	.09	1
6+00N 1+75E	1	10	35	175	.2	15	6	559	2.17	3	5	ND	4	16	.2	2	2	28	.24	.209	9	13	.19	161	.14	4	3.48	.03	.07	1
6+00N 2+00E	1	11	13	128	.1	17	7	427	2.40	3	5	ND	4	15	.2	2	2	30	.19	.131	8	14	.23	140	.15	3	3.97	.03	.06	1
6+00N 2+25E	1	11	21	177	.2	18	8	448	2.43	2	5	ND	4	14	.2	2	2	30	.16	.144	13	15	.24	177	.14	2	3.45	.03	.07	1
6+00N 2+50E	1	12	23	154	.2	25	9	566	2.71	6	5	ND	5	15	.2	2	2	36	.21	.120	12	21	.34	149	.13	3	3.49	.02	.09	1
6+00N 2+75E	1	11	27	150	.3	22	10	217	3.02	2	5	ND	6	14	.2	2	2	36	.20	.047	14	23	.40	150	.12	5	3.21	.02	.08	1
6+00N 3+00E	1	12	24	159	.4	24	10	475	2.84	5	5	ND	5	11	.2	2	2	37	.13	.095	11	22	.33	155	.12	8	3.35	.02	.07	1
6+00N 3+25E	1	13	22	158	.3	26	9	590	3.12	3	5	ND	5	15	.2	2	2	39	.20	.172	16	24	.39	193	.14	8	4.25	.03	.09	1
6+00N 3+50E	1	16	35	168	.3	30	10	444	2.85	5	5	ND	4	14	.3	2	3	34	.25	.120	16	21	.43	261	.10	7	3.05	.02	.11	1
6+00N 3+75E	1	13	14	196	.6	27	9	405	2.48	3	5	ND	4	17	.3	2	2	34	.22	.140	12	23	.36	185	.12	8	2.98	.02	.10	1
6+00N 4+00E	1	15	16	185	.4	34	10	785	2.76	3	5	ND	4	17	.3	2	2	34	.30	.129	19	29	.54	214	.07	5	2.68	.02	.13	1
6+00N 4+25E	1	11	10	157	.2	21	8	370	2.25	4	5	ND	3	17	.2	2	2	31	.21	.189	8	18	.23	178	.12	4	3.34	.03	.09	1
6+00N 4+50E	1	11	23	157	.2	27	9	460	2.48	6	5	ND	4	15	.2	2	2	38	.24	.156	13	24	.36	161	.08	5	2.22	.02	.10	2
6+00N 4+75E	1	21	28	139	.3	28	10	292	2.95	5	5	ND	7	18	.3	2	2	45	.24	.047	17	23	.46	150	.12	3	3.03	.02	.11	1
6+00N 5+00E	1	16	33	154	.1	28	11	368	2.87	4	5	ND	6	14	.3	2	2	42	.21	.115	15	25	.45	183	.09	4	2.48	.02	.09	1
6+00N 5+50E	1	13	31	231	.2	26	10	272	2.92	5	5	ND	5	18	.2	4	2	34	.33	.114	15	20	.36	148	.13	2	3.46	.03	.08	1
6+00N 6+00E	1	20	14	214	.3	35	11	340	2.75	2	5	ND	5	15	.2	2	2	36	.17	.060	17	20	.43	187	.11	3	2.45	.02	.15	1
5+50N 0+25E	1	11	36	216	.2	18	8	720	2.65	2	5	ND	5	13	.2	2	2	33	.18	.154	11	20	.30	159	.12	5	2.62	.02	.06	1
5+50N 0+50E	1	10	28	151	.2	20	9	346	2.82	3	5	ND	5	11	.2	2	2	36	.16	.108	11	17	.28	145	.14	2	3.91	.02	.05	1
5+50N 0+75E	1	10	25	125	.3	21	8	230	2.37	5	5	ND	4	12	.2	2	2	32	.17	.098	11	16	.25	132	.14	3	3.48	.02	.06	1
5+50N 1+00E	1	16	30	150	.2	22	8	283	3.36	5	5	ND	6	17	.6	2	2	41	.56	.218	15	22	.46	112	.18	4	5.05	.03	.08	1
5+50N 1+25E	1	9	21	148	.2	16	6	214	2.16	4	5	ND	4	16	.3	2	5	26	.25	.139	10	13	.20	128	.18	2	3.99	.03	.06	1
5+50N 1+50E	1	7	23	156	.3	17	6	1379	2.44	2	5	ND	3	15	.2	2	2	31	.48	.112	10	14	.38	268	.16	5	3.13	.02	.06	1
5+50N 1+75E	1	8	11	137	.3	15	5	342	1.95	4	5	ND	3	13	.2	2	2	29	.20	.138	8	13	.15	156	.14	2	2.60	.02	.05	1
5+50N 2+00E	1	10	15	175	.2	18	7	546	2.04	4	5	ND	3	14	.2	2	2	27	.14	.186	7	15	.20	110	.14	2	3.06	.02	.07	1
5+50N 2+25E	1	12	62	400	.2	23	9	553	2.40	2	5	ND	5	15	.4	2	2	33	.21	.112	14	20	.38	204	.12	3	3.05	.02	.09	1
5+50N 2+50E	1	11	25	168	.2	24	9	515	2.57	4	5	ND	4	13	.2	2	2	34	.15	.119	11	22	.32	157	.12	2	3.10	.02	.08	1
5+50N 2+75E	1	15	15	158	.2	25	9	403	2.41	2	5	ND	4	13	.2	2	2	35	.17	.090	13	25	.38	186	.10	3	2.61	.02	.09	1
5+50N 3+00E	1	15	17	180	.2	28	10	833	2.77	4	5	ND	4	12	.3	2	2	37	.15	.107	13	23	.43	196	.11	2	3.09	.02	.11	1
STANDARD C	19	59	42	132	7.4	69	33	1050	3.88	38	18	7	37	52	18.9	19	20	55	.48	.089	38	57	.88	176	.09	32	1.86	.06	.15	13

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
5+50N 3+25E	1	10	27	136	.1	26	9	450	2.61	2	5	ND	4	12	.3	2	2	31	.15	.061	10	22	.35	175	.12	2	2.85	.04	.12	1
5+50N 3+50E	1	13	34	202	.1	22	8	304	2.50	4	5	ND	4	12	.7	2	2	28	.14	.119	10	16	.29	138	.13	2	2.94	.02	.07	1
5+50N 3+75E	1	13	34	216	.1	20	8	791	2.57	2	5	ND	4	16	1.0	2	2	28	.20	.306	12	18	.31	203	.11	4	2.73	.03	.09	1
5+50N 4+00E	1	11	26	247	.1	24	8	586	2.61	2	5	ND	5	16	.7	2	2	31	.33	.245	12	20	.40	162	.11	3	2.64	.03	.09	1
5+50N 4+25E	1	13	40	122	.3	25	9	465	2.99	2	9	ND	5	17	.3	2	2	32	.34	.182	16	18	.34	181	.13	3	3.67	.02	.07	3
5+50N 4+50E	1	12	27	127	.1	23	8	598	2.58	2	5	ND	4	17	.5	2	2	28	.28	.199	13	16	.31	173	.13	4	3.21	.03	.07	1
5+50N 4+75E	1	35	28	188	.5	38	12	300	3.55	4	5	ND	6	22	.7	2	2	27	.40	.110	27	15	.27	145	.11	5	2.23	.03	.10	1
5+50N 5+00E	1	21	26	189	.2	37	12	517	3.08	3	5	ND	5	19	.7	2	2	26	.22	.114	13	14	.20	185	.14	4	2.67	.04	.10	1
5+50N 5+50E	1	16	54	263	.1	31	11	658	3.06	3	5	ND	5	22	1.3	2	2	29	.35	.134	18	17	.36	181	.11	4	2.45	.03	.13	1
5+50N 6+00E	1	19	29	217	.2	42	12	362	2.88	2	5	ND	5	16	.8	2	2	29	.21	.090	19	18	.42	181	.08	3	1.95	.02	.17	1
5+00N 0+25E	1	12	21	111	.1	18	7	205	2.50	4	5	ND	3	11	.3	2	2	29	.15	.159	6	14	.19	108	.15	3	3.77	.02	.05	1
5+00N 0+50E	1	9	28	156	.1	15	7	470	2.45	2	5	ND	3	10	.5	2	2	28	.12	.185	8	15	.19	145	.14	2	2.97	.02	.05	1
5+00N 0+75E	1	13	32	179	.3	20	8	374	2.38	3	5	ND	3	12	.7	2	2	27	.14	.236	8	14	.22	128	.13	2	3.58	.02	.06	1
5+00N 1+00E	1	9	44	240	.1	17	6	752	2.22	3	5	ND	2	14	1.0	2	2	24	.24	.255	8	12	.17	171	.13	2	3.07	.02	.05	2
5+00N 1+25E	1	16	29	157	.1	25	9	239	2.53	2	5	ND	4	13	.5	2	2	33	.19	.122	11	18	.35	126	.11	2	2.99	.02	.06	1
5+00N 1+50E	1	10	27	178	.1	20	8	395	2.44	3	5	ND	3	10	.3	2	2	33	.11	.105	12	19	.24	169	.08	2	2.24	.02	.08	1
5+00N 1+75E	1	14	20	148	.1	27	10	247	2.67	2	5	ND	5	12	.4	2	2	31	.13	.088	14	23	.40	152	.10	2	2.93	.02	.09	1
5+00N 2+00E	1	10	20	186	.3	21	7	544	2.23	3	5	ND	4	15	.6	2	2	26	.27	.329	8	16	.21	126	.13	2	3.18	.02	.06	1
5+00N 2+25E	1	14	20	166	.2	19	7	190	2.46	3	5	ND	4	12	.2	2	3	28	.14	.220	8	15	.21	107	.13	2	3.02	.02	.06	1
5+00N 2+50E	1	16	35	224	.1	24	9	589	2.79	4	5	ND	4	13	.5	2	2	30	.15	.113	11	18	.36	225	.13	2	3.49	.02	.08	1
5+00N 2+75E	1	8	27	207	.3	18	6	991	2.77	2	6	ND	5	26	1.1	2	2	29	2.17	.730	18	20	.62	237	.15	3	3.94	.03	.07	1
5+00N 3+00E	1	11	23	355	.1	15	6	1920	2.41	2	5	ND	2	18	1.2	2	2	26	.69	.278	9	15	.39	273	.15	4	2.88	.03	.07	1
5+00N 3+25E	1	14	42	253	.1	22	9	813	3.32	2	5	ND	5	16	.7	2	2	33	.35	.232	14	20	.46	219	.13	3	3.26	.02	.08	1
5+00N 3+50E	1	18	115	237	.2	25	9	242	3.15	2	6	ND	6	17	.8	2	3	34	.26	.119	16	21	.45	219	.14	2	4.00	.02	.08	1
5+00N 3+75E	1	9	32	199	.2	22	8	441	2.85	2	5	ND	4	18	.7	2	2	32	.33	.168	8	17	.31	229	.16	3	4.34	.02	.07	1
5+00N 4+00E	1	13	39	175	.1	30	11	830	3.06	4	5	ND	5	20	.8	2	2	34	.39	.068	15	24	.54	224	.12	4	3.00	.03	.15	1
5+00N 4+25E	1	15	30	146	.1	27	10	356	3.32	2	7	ND	6	16	.4	2	2	35	.21	.177	12	20	.39	180	.13	3	3.31	.02	.09	1
5+00N 4+50E	1	20	31	230	.3	32	10	424	2.48	2	5	ND	4	25	1.4	2	2	23	.36	.142	15	13	.17	175	.11	5	2.17	.03	.12	1
5+00N 4+75E	1	20	34	491	.1	35	12	709	4.07	4	5	ND	5	24	1.1	2	2	30	.46	.139	18	16	.24	266	.12	4	2.26	.03	.13	1
5+00N 5+00E	1	19	27	173	.1	32	11	371	2.70	2	5	ND	4	23	.5	2	2	27	.31	.081	18	17	.41	215	.11	5	2.22	.03	.20	1
5+00N 5+50E	1	12	92	215	.1	24	8	557	2.73	2	5	ND	4	21	.7	2	2	29	.29	.168	11	16	.30	144	.15	3	3.06	.03	.10	1
5+00N 5+75E	1	10	30	186	.1	27	10	398	2.55	2	5	ND	3	20	.4	2	2	30	.25	.079	13	18	.45	169	.14	4	2.59	.03	.16	1
5+00N 6+00E	1	10	27	196	.2	25	8	552	2.50	3	5	ND	3	18	.9	2	2	29	.42	.182	10	15	.40	164	.14	3	3.22	.03	.09	1
5+00N 6+25E	1	17	20	284	.1	41	14	513	3.23	2	5	ND	4	21	1.0	3	2	34	.29	.096	12	21	1.35	236	.19	4	3.11	.03	.21	1
5+00N 6+50E	2	24	19	303	.3	47	15	387	2.92	6	5	ND	4	24	1.2	3	2	43	.27	.128	16	18	.87	269	.13	5	2.48	.02	.25	1
STANDARD C	18	63	39	131	7.4	69	33	1045	3.94	38	16	6	38	52	18.6	15	20	56	.48	.089	38	58	.88	174	.09	31	1.91	.07	.16	13

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
4+50N 9+00W	1	13	15	155	.3	16	7	953	2.32	6	5	ND	3	14	.4	2	2	27	.15	.186	9	13	.14	176	.18	3	4.54	.03	.05	4
4+50N 8+50W	1	9	14	157	.4	16	7	414	2.39	4	7	ND	4	16	.7	2	2	27	.13	.215	7	13	.16	152	.16	4	4.63	.04	.06	1
4+50N 8+00W	1	25	22	119	.1	35	14	358	3.58	8	5	ND	9	15	.2	2	2	26	.13	.054	28	33	.66	174	.07	4	2.80	.03	.17	1
4+50N 7+50W	1	10	40	153	.1	21	9	521	2.87	4	5	ND	5	13	.3	2	2	31	.15	.141	10	17	.25	145	.15	6	3.88	.03	.06	2
4+50N 7+00W	1	16	49	201	.2	29	12	480	3.20	2	5	ND	6	13	.5	2	2	35	.15	.103	16	24	.44	200	.12	3	3.53	.03	.11	1
4+50N 6+50W	1	27	136	166	.4	27	11	408	3.54	3	5	ND	7	22	.8	2	2	36	.60	.177	23	24	.64	273	.16	7	4.64	.04	.13	1
4+50N 6+00W	1	8	26	205	.2	11	5	621	1.82	3	5	ND	3	31	.5	2	2	19	.71	.359	9	12	.23	231	.16	7	3.44	.07	.08	1
4+50N 5+75W	1	8	34	165	.3	11	4	512	1.65	5	7	ND	3	36	.6	2	2	20	1.40	.317	9	13	.48	234	.12	9	2.28	.07	.10	1
4+50N 5+50W	1	6	58	215	.2	10	4	660	1.84	6	5	ND	2	38	1.2	2	2	19	2.24	.521	11	13	.54	197	.09	10	1.73	.06	.11	1
4+50N 5+25W	1	11	79	313	.3	16	5	685	2.68	4	9	ND	4	27	1.4	2	2	25	1.64	.306	14	18	.78	166	.12	10	2.42	.05	.12	1
4+50N 5+00W	1	10	41	332	.5	16	4	277	1.66	4	5	ND	2	34	1.6	2	2	17	1.52	.305	12	16	.68	127	.13	7	2.87	.07	.08	1
4+50N 4+75W	1	11	95	509	.5	20	8	665	3.80	4	5	ND	5	33	2.8	2	2	28	1.45	.114	23	20	.85	168	.17	7	4.77	.07	.12	1
4+50N 4+50W	1	12	44	229	.1	17	7	481	2.70	6	5	ND	4	30	1.0	2	2	26	.88	.207	16	17	.44	133	.15	8	3.71	.06	.09	3
4+50N 4+25W	1	17	46	194	.2	24	9	514	3.34	5	5	ND	6	23	1.0	2	2	33	.90	.190	24	26	.63	182	.13	8	3.73	.04	.18	2
4+50N 4+00W	1	11	53	290	.2	16	8	475	3.39	6	5	ND	4	19	.9	2	2	35	.59	.314	9	22	.40	235	.21	5	4.48	.04	.07	1
4+50N 3+75W	1	10	52	322	.1	21	8	611	3.21	2	5	ND	5	25	2.1	2	2	33	.71	.099	18	21	.58	242	.18	8	4.55	.04	.10	1
4+50N 3+50W	1	11	62	389	.2	18	7	1009	2.56	2	7	ND	4	30	2.1	2	2	27	.87	.144	15	20	.57	230	.15	8	3.46	.06	.13	1
4+50N 3+25W	1	14	91	383	.1	27	11	249	3.63	5	5	ND	7	17	1.1	2	2	33	.21	.086	18	23	.48	169	.13	5	3.43	.04	.13	2
4+50N 3+00W	1	15	49	223	.1	30	11	349	3.38	4	5	ND	6	19	.7	2	2	36	.26	.085	21	25	.49	215	.13	3	3.55	.04	.13	2
4+50N 2+75W	1	19	138	359	.2	33	12	335	5.76	11	5	ND	7	18	.7	2	2	37	.29	.095	20	25	.46	183	.13	3	3.78	.03	.12	1
4+50N 2+50W	1	14	31	142	.1	19	8	172	2.77	5	5	ND	4	16	.5	2	2	31	.21	.115	12	19	.29	115	.16	6	3.70	.04	.10	1
4+50N 2+25W	1	12	22	109	.3	15	6	299	2.16	2	5	ND	3	33	.5	2	2	21	.88	.240	15	13	.35	153	.18	6	4.40	.09	.09	1
4+50N 2+00W	1	8	27	165	.1	16	7	279	2.78	2	5	ND	5	20	.3	2	2	31	.43	.497	8	17	.22	168	.21	3	4.97	.05	.08	1
4+50N 1+75W	1	7	169	518	.2	7	5	188	2.39	6	5	ND	3	19	.5	2	2	25	.92	.427	7	15	.21	148	.16	4	2.20	.03	.06	2
4+50N 1+50W	1	9	33	215	.1	11	6	371	2.61	8	5	ND	3	19	.6	2	2	31	.26	.317	6	14	.14	172	.22	3	3.96	.04	.05	2
4+50N 1+25W	1	9	53	310	.2	16	7	1485	2.51	2	5	ND	4	25	1.9	2	2	29	.72	.146	11	18	.45	271	.16	6	3.06	.04	.13	1
4+50N 1+00W	1	12	30	113	.2	14	6	418	2.82	2	5	ND	4	33	1.1	2	2	25	.61	.138	20	13	.30	154	.27	5	6.27	.07	.07	1
4+50N 0+75W	1	19	43	162	.4	26	9	540	3.16	2	5	ND	6	23	.6	2	2	34	.39	.189	18	19	.35	193	.16	4	4.20	.03	.08	1
4+50N 0+50W	1	6	25	272	.2	19	8	646	2.19	5	5	ND	4	18	.2	2	2	26	.22	.114	13	17	.29	223	.12	3	2.47	.03	.12	1
4+50N 0+25W	1	19	63	481	.2	37	10	539	2.99	5	5	ND	6	22	2.1	2	2	31	.31	.144	22	20	.46	203	.14	4	3.47	.04	.12	2
4+50N 0+00	1	18	71	514	.3	41	10	605	2.97	2	5	ND	7	20	2.0	2	2	31	.32	.152	22	21	.47	185	.13	3	3.21	.03	.11	1
4+50N 0+25E	1	14	36	206	.1	23	9	329	2.79	2	5	ND	5	16	.4	2	2	28	.17	.155	13	19	.33	164	.15	5	3.89	.04	.09	1
4+50N 0+50E	1	12	25	222	.3	18	8	347	2.65	2	7	ND	4	18	.6	2	2	30	.22	.161	11	16	.27	178	.18	4	3.98	.04	.09	1
4+50N 0+75E	1	10	20	154	.1	15	7	406	2.27	3	5	ND	3	16	.4	2	2	27	.15	.210	7	12	.17	129	.16	3	3.70	.04	.06	1
4+50N 1+00E	1	12	136	244	.2	22	7	563	2.31	5	5	ND	3	16	.3	2	2	27	.18	.205	10	14	.19	115	.13	3	2.61	.02	.07	1
4+50N 1+25E	1	8	40	232	.3	23	9	366	2.62	6	5	ND	4	14	.4	2	2	31	.12	.252	10	19	.20	162	.14	2	3.71	.04	.12	1
4+50N 1+50E	1	10	36	211	.1	25	9	344	2.70	3	5	ND	5	14	.7	2	2	34	.17	.125	14	21	.34	165	.13	2	3.04	.03	.10	1
STANDARD C	18	62	39	130	7.3	71	33	1047	3.92	39	22	7	40	52	18.5	15	18	56	.48	.091	39	58	.87	173	.09	34	1.90	.07	.15	11

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
4+50N 1+75E	1	13	28	197	.1	21	8	640	2.71	6	5	ND	3	15	1.0	2	2	29	.26	.191	13	17	.35	214	.15	5	4.30	.03	.06	2
4+50N 2+00E	1	14	44	176	.1	19	8	774	2.87	5	5	ND	4	15	.7	2	2	30	.21	.153	9	17	.32	172	.16	3	4.60	.03	.06	1
4+50N 2+25E	1	10	83	211	.3	25	10	545	3.11	7	5	ND	6	16	1.1	2	2	35	.25	.114	12	23	.43	200	.13	4	3.28	.03	.07	1
4+50N 2+50E	1	14	27	183	.3	23	8	519	3.13	8	5	ND	5	20	1.6	2	4	30	.38	.163	19	18	.41	166	.18	4	5.26	.04	.07	2
4+50N 2+75E	1	10	20	273	.3	22	7	931	2.55	2	5	ND	3	20	1.2	2	2	28	.71	.150	12	15	.51	203	.16	3	4.05	.04	.08	2
4+50N 3+00E	1	9	37	291	.1	16	7	1062	2.43	8	5	ND	2	14	.9	2	4	27	.19	.216	9	17	.21	224	.13	2	2.59	.03	.08	1
4+50N 3+25E	1	11	34	258	.1	18	8	849	2.58	4	5	ND	2	14	.7	2	3	27	.20	.217	10	16	.23	167	.13	3	3.20	.03	.09	1
4+50N 3+50E	1	10	42	232	.1	21	8	292	2.92	5	5	ND	4	17	.7	2	2	30	.25	.089	11	20	.33	145	.14	3	4.05	.03	.09	1
4+50N 3+75E	1	11	39	282	.3	31	9	642	2.62	4	5	ND	4	19	1.2	2	2	30	.25	.048	16	21	.42	154	.12	3	2.90	.03	.09	1
4+50N 4+00E	1	10	35	251	.3	29	8	856	2.83	2	5	ND	5	18	.8	2	2	28	.24	.103	12	20	.40	153	.13	3	3.47	.03	.11	1
4+50N 4+25E	1	15	29	221	.2	27	10	257	2.99	4	5	ND	4	15	.5	2	3	31	.18	.151	11	17	.30	139	.15	4	3.99	.02	.08	1
4+50N 4+50E	1	22	18	180	.3	33	10	301	2.91	5	5	ND	4	24	.9	2	2	24	.37	.095	20	13	.26	199	.16	5	2.71	.04	.14	1
4+50N 4+75E	1	18	16	143	.4	47	14	405	2.56	2	5	ND	4	24	.3	2	2	27	.28	.068	16	18	.45	259	.14	4	2.50	.03	.20	1
4+50N 5+00E	1	16	21	163	.2	38	12	617	2.72	5	5	ND	4	25	.6	2	2	30	.35	.069	15	17	.48	273	.14	5	2.49	.03	.22	1
4+50N 5+50E	1	22	28	149	.1	33	10	322	2.67	5	5	ND	4	26	.3	2	2	28	.25	.076	15	17	.64	256	.16	4	3.08	.04	.21	1
4+50N 6+00E	1	18	16	172	.5	34	11	187	2.83	4	5	ND	4	26	.6	2	2	26	.32	.080	19	17	1.14	138	.19	5	3.10	.04	.23	1
4+00N 9+00W	1	11	15	161	.2	17	8	774	2.51	5	5	ND	3	12	.4	2	2	26	.13	.258	9	17	.23	139	.12	2	3.40	.02	.06	1
4+00N 8+50W	1	19	20	177	.1	29	9	604	2.90	8	5	ND	5	18	.4	2	2	31	.20	.214	10	16	.36	182	.14	2	4.48	.03	.09	1
4+00N 8+00W	1	15	20	147	.1	28	10	445	2.76	4	5	ND	5	12	.4	2	2	30	.15	.132	11	21	.36	170	.11	2	3.39	.02	.09	1
4+00N 7+50W	1	12	36	229	.1	24	10	671	2.79	6	5	ND	4	13	.6	2	2	30	.16	.130	13	21	.35	203	.11	2	2.78	.02	.09	2
4+00N 7+00W	1	12	71	141	.3	26	9	682	2.90	3	5	ND	5	14	.3	2	2	30	.19	.074	13	21	.40	194	.13	3	3.15	.03	.11	1
4+00N 6+50W	1	14	24	106	.3	16	6	537	2.39	5	11	ND	4	13	.2	2	3	26	.13	.164	9	13	.20	150	.18	3	4.47	.03	.05	1
4+00N 6+00W	1	9	26	137	.2	10	4	441	1.73	4	5	ND	2	25	.4	2	2	16	1.21	.264	10	10	.53	207	.15	5	3.37	.04	.07	1
4+00N 5+75W	1	8	21	124	.1	11	4	403	1.52	2	5	ND	2	31	.4	2	2	14	.94	.308	9	9	.29	159	.14	5	3.08	.06	.06	1
4+00N 5+50W	1	6	47	222	.1	9	3	633	1.43	5	5	ND	1	26	1.0	3	2	15	2.69	.356	9	11	.82	184	.07	8	1.37	.03	.08	1
4+00N 5+25W	1	11	87	145	.2	14	4	296	2.10	2	5	ND	2	28	.7	2	2	20	1.61	.305	12	13	.71	114	.11	6	2.26	.05	.11	1
4+00N 5+00W	1	12	71	286	.2	12	4	734	2.28	4	5	ND	2	28	1.8	2	2	18	2.56	.531	15	15	.87	192	.09	7	2.33	.03	.10	1
4+00N 4+75W	1	6	51	279	.2	13	5	593	1.97	5	5	ND	2	21	1.4	2	2	18	.77	.177	12	13	.41	137	.12	4	2.76	.05	.08	1
4+00N 4+50W	1	11	37	205	.2	23	8	263	2.81	5	5	ND	5	15	.6	2	2	28	.31	.123	16	20	.39	142	.12	3	3.16	.02	.08	1
4+00N 4+25W	1	14	34	166	.2	23	9	185	2.84	2	6	ND	5	16	.7	2	3	29	.27	.073	18	19	.40	130	.15	3	3.88	.03	.11	1
4+00N 4+00W	1	11	28	141	.1	24	9	288	2.65	6	5	ND	4	14	.4	2	2	31	.24	.095	12	21	.36	138	.13	3	2.93	.03	.11	1
4+00N 3+75W	1	10	39	239	.1	19	8	724	2.50	3	5	ND	3	14	.8	2	2	25	.31	.136	11	17	.31	245	.13	3	2.82	.03	.08	1
4+00N 3+50W	1	4	125	351	.2	19	7	436	2.81	2	5	ND	3	17	3.2	2	2	29	.60	.201	12	18	.34	146	.16	6	4.26	.03	.09	1
4+00N 3+25W	1	6	123	371	.1	18	7	547	2.75	2	5	ND	3	18	3.4	2	2	29	.65	.183	10	17	.35	143	.15	7	4.24	.03	.09	1
4+00N 3+00W	1	11	93	448	.2	26	10	526	3.60	7	6	ND	5	16	1.6	2	2	33	.34	.171	14	22	.48	165	.12	2	3.08	.03	.14	1
4+00N 2+75W	1	7	53	214	.2	20	8	1436	2.42	6	5	ND	2	17	1.4	2	2	27	.37	.100	10	17	.31	183	.10	2	2.23	.02	.10	1
STANDARD C	18	60	35	131	7.1	71	33	1040	3.93	36	18	6	38	52	18.5	15	21	56	.48	.089	38	58	.88	173	.09	31	1.89	.06	.13	11

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
4+00N 2+50W	1	15	50	176	.2	23	9	439	2.80	3	5	ND	7	17	1.1	2	2	33	.25	.091	18	23	.41	179	.12	5	2.95	.03	.11	2
4+00N 2+25W	1	8	26	163	.5	15	6	497	1.98	6	5	ND	3	12	.4	2	2	27	.27	.222	9	14	.20	158	.13	4	2.69	.02	.08	1
4+00N 2+00W	1	7	32	134	.1	16	7	423	2.43	2	5	ND	4	16	.9	2	2	28	.29	.161	15	16	.28	168	.15	5	3.88	.03	.07	1
4+00N 1+75W	1	12	28	119	.4	15	7	551	2.19	6	5	ND	4	18	.5	2	2	30	.39	.298	9	16	.25	123	.17	3	4.13	.03	.06	1
4+00N 1+50W	1	8	56	211	.3	11	5	986	2.13	2	5	ND	3	13	.9	2	2	27	.84	.221	9	16	.42	218	.13	4	2.43	.02	.06	1
4+00N 1+25W	1	17	106	197	.4	18	8	633	2.98	9	6	ND	2	20	1.0	4	2	18	8.01	.118	14	18	4.32	96	.03	2	1.16	.01	.11	3
4+00N 1+00W	1	8	28	188	.2	15	7	884	1.95	5	5	ND	3	14	.3	2	2	27	.26	.223	8	15	.21	158	.13	3	2.89	.03	.08	1
4+00N 0+75W	1	9	17	201	.1	13	6	852	2.03	4	5	ND	2	15	.6	2	2	25	.29	.208	10	12	.18	142	.17	2	3.73	.03	.06	1
4+00N 0+50W	1	11	29	171	.2	18	6	1059	2.43	3	5	ND	4	20	1.3	2	2	34	.62	.358	14	16	.35	180	.17	5	4.08	.03	.08	1
4+00N 0+25W	1	7	22	161	.2	12	5	1171	2.38	3	5	ND	3	16	.7	2	2	28	.60	.345	8	13	.35	212	.17	2	3.76	.03	.06	1
4+00N 0+00	1	9	57	335	.3	20	8	840	2.91	2	15	ND	4	33	1.7	2	2	36	3.44	2.418	20	21	.45	197	.16	7	4.16	.04	.11	1
4+00N 0+25E	1	23	57	456	.3	35	11	375	2.92	4	5	ND	5	23	2.1	3	2	33	.68	.304	21	21	.49	220	.13	2	3.80	.03	.12	2
4+00N 0+50E	1	9	28	223	.2	17	7	551	2.22	4	5	ND	3	14	.6	2	2	31	.20	.179	8	11	.20	150	.16	5	3.59	.03	.06	1
4+00N 0+75E	1	9	31	226	.3	14	6	368	2.17	3	5	ND	3	13	.2	2	2	29	.21	.361	8	13	.18	154	.14	2	3.03	.02	.06	1
4+00N 1+00E	1	11	31	253	.3	16	6	504	2.00	2	5	ND	3	16	.8	2	3	26	.26	.329	9	11	.17	207	.16	2	3.57	.03	.06	1
4+00N 1+25E	1	10	37	282	.3	14	6	969	2.00	6	5	ND	3	15	1.1	2	2	26	.15	.573	7	7	.14	275	.15	2	3.41	.03	.06	3
4+00N 1+50E	1	9	24	322	.4	16	5	1334	1.96	6	5	ND	2	16	.8	2	2	25	.43	.346	9	11	.21	182	.17	2	3.66	.03	.05	1
4+00N 1+75E	1	10	54	235	.1	23	8	760	2.11	6	5	ND	3	11	.2	2	2	32	.17	.079	16	19	.35	135	.06	2	1.46	.01	.06	1
4+00N 2+00E	1	14	67	253	.4	23	8	341	2.73	5	5	ND	4	14	1.3	2	2	36	.15	.173	10	16	.27	159	.17	2	4.50	.02	.06	1
4+00N 2+25E	1	13	46	266	.2	20	8	283	2.68	3	5	ND	4	13	1.3	2	2	36	.16	.298	9	17	.26	174	.18	3	4.62	.03	.07	1
4+00N 2+50E	1	17	96	406	.2	32	10	553	3.15	5	5	ND	5	16	1.7	2	2	40	.15	.208	14	20	.36	223	.13	2	3.61	.02	.08	3
4+00N 2+75E	1	10	40	301	.4	21	8	855	2.31	5	5	ND	4	13	.9	2	4	34	.17	.202	9	14	.21	183	.14	2	3.62	.02	.06	1
4+00N 3+00E	2	9	40	337	.2	19	8	797	2.31	4	5	ND	5	13	1.0	2	2	32	.16	.379	9	15	.23	183	.14	2	3.24	.02	.07	2
4+00N 3+25E	1	12	62	391	.3	25	9	636	2.67	7	5	ND	4	15	1.0	2	2	38	.24	.146	9	16	.28	150	.15	2	3.80	.02	.08	4
4+00N 3+50E	1	18	74	322	.2	30	11	646	2.94	6	5	ND	5	15	1.2	2	2	41	.19	.216	14	22	.38	166	.14	3	3.85	.02	.09	2
4+00N 3+75E	1	19	87	355	.3	32	10	781	2.72	10	5	ND	5	17	1.1	2	2	37	.21	.242	14	20	.36	203	.12	5	3.06	.02	.10	2
4+00N 4+00E	1	22	47	346	.2	29	11	659	2.77	6	5	ND	5	20	1.4	2	3	40	.27	.133	17	17	.49	329	.13	2	3.42	.03	.13	2
4+00N 4+25E	1	15	40	309	.3	30	12	1361	3.42	10	5	ND	4	19	1.2	2	2	34	.22	.239	13	14	.25	250	.13	2	2.38	.02	.12	2
4+00N 4+50E	1	16	27	505	.4	28	11	946	1.97	4	5	ND	4	36	1.2	2	2	44	.38	.287	11	11	.39	524	.14	3	2.53	.03	.19	2
4+00N 4+75E	2	42	27	306	.7	59	15	339	2.49	4	5	ND	4	23	1.1	2	3	47	.26	.089	16	21	.68	207	.13	3	2.38	.02	.30	2
4+00N 5+00E	2	24	31	394	1.3	59	13	394	2.67	4	5	ND	4	22	1.2	2	2	41	.23	.162	12	20	.56	204	.16	3	2.95	.03	.19	1
4+00N 5+25E	1	16	75	461	.3	26	8	1222	2.52	8	5	ND	4	20	1.0	2	2	33	.20	.381	11	13	.26	236	.14	2	2.90	.03	.10	3
4+00N 5+50E	1	13	38	284	.4	20	6	706	2.13	5	5	ND	4	21	.7	2	2	30	.30	.342	9	11	.21	179	.17	5	4.07	.03	.08	1
4+00N 6+00E	1	19	12	294	1.0	45	12	210	2.58	7	5	ND	4	25	1.1	2	3	42	.23	.111	13	21	.77	152	.15	4	3.21	.03	.15	1
4+00N 6+50E	1	17	13	130	1.2	50	8	303	1.92	9	5	ND	3	23	.2	3	2	48	.25	.175	9	10	.23	292	.16	3	3.03	.03	.09	1
4+00N 7+00E	2	24	60	352	1.5	42	10	425	2.92	8	5	ND	5	18	.7	3	4	49	.20	.211	14	18	.40	273	.16	2	3.48	.02	.09	3
STANDARD C	19	62	42	132	7.3	69	32	1061	3.94	40	18	7	36	52	18.5	15	21	57	.47	.089	38	57	.87	176	.09	34	1.87	.06	.15	11

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
4+00N 7+50E	1	11	23	163	.2	38	11	432	2.74	4	5	ND	3	22	.2	3	2	27	.21	.072	19	19	.61	246	.08	5	2.27	.02	.31	1
4+00N 8+00E	1	11	33	372	.3	29	9	361	2.68	5	5	ND	3	26	1.5	2	2	36	.35	.223	8	15	.33	147	.14	4	3.73	.03	.08	1
4+00N 8+25E	1	13	25	291	.4	34	9	701	2.70	9	5	ND	3	28	1.6	4	2	36	.26	.313	11	17	.39	229	.15	4	3.93	.03	.10	1
4+00N 8+50E	1	16	42	160	.5	37	12	293	3.07	2	5	ND	4	24	.2	3	2	32	.22	.085	28	21	.79	164	.11	3	3.42	.02	.14	1
3+50N 7+50W	1	24	29	131	.3	27	11	331	3.08	4	5	ND	7	21	.2	2	2	32	.23	.078	27	23	.51	246	.14	3	4.06	.03	.10	1
3+50N 7+00W	1	11	25	147	.2	18	8	642	2.75	2	5	ND	5	19	.2	2	2	28	.64	.138	13	18	.42	192	.16	5	3.78	.04	.10	1
3+50N 6+50W	1	10	98	203	.3	18	7	877	3.35	2	5	ND	4	26	.8	3	2	28	1.19	.092	19	17	.77	224	.19	7	4.69	.05	.09	1
3+50N 6+25W	1	8	40	153	.3	20	8	731	3.12	3	5	ND	5	26	.2	5	2	29	1.24	.128	21	20	.94	169	.15	6	4.19	.04	.09	1
3+50N 6+00W	1	9	33	187	.2	16	6	633	2.37	3	5	ND	4	30	.6	3	2	23	1.94	.427	16	15	1.06	174	.12	7	3.01	.05	.13	1
3+50N 5+50W	1	13	55	190	.5	20	9	823	2.84	4	5	ND	6	29	1.8	4	2	30	1.42	.440	17	22	.74	236	.14	5	3.83	.03	.10	1
3+50N 5+30W	1	6	33	244	.3	23	9	687	2.88	2	10	ND	5	19	.8	2	2	33	.55	.263	17	21	.42	209	.15	3	4.13	.03	.08	1
3+50N 5+00W	1	9	30	242	.2	20	8	637	2.71	2	5	ND	4	17	.7	2	2	30	.27	.285	11	17	.30	241	.16	3	4.44	.03	.08	1
3+50N 4+75W	1	14	26	189	.1	24	8	372	2.65	5	5	ND	3	19	.2	3	2	29	.27	.203	10	16	.36	236	.16	3	4.56	.03	.07	1
3+50N 4+50W	1	16	18	182	.2	22	9	399	2.44	3	5	ND	3	20	.4	3	2	28	.22	.140	14	20	.33	198	.15	3	3.91	.03	.08	1
3+50N 4+25W	1	8	16	182	.1	14	7	643	2.09	2	5	ND	3	16	.2	2	2	22	.13	.465	8	12	.18	198	.14	2	3.28	.03	.06	1
3+50N 4+00W	1	17	22	181	.2	32	11	438	2.90	7	5	ND	6	15	.2	2	2	32	.19	.239	15	24	.45	229	.11	3	3.46	.02	.11	1
3+50N 3+75W	1	17	20	177	.1	35	11	291	2.79	5	5	ND	5	21	.2	3	2	30	.25	.174	14	24	.41	250	.12	3	3.74	.02	.10	1
3+50N 3+50W	1	13	19	298	.3	30	10	502	2.61	10	5	ND	4	20	.9	2	2	30	.26	.281	11	22	.34	191	.13	2	3.48	.03	.08	2
3+50N 3+25W	1	17	19	209	.3	26	9	474	2.63	11	5	ND	3	15	.9	2	2	31	.15	.164	10	18	.24	160	.18	3	4.64	.03	.08	1
3+50N 3+00W	1	12	17	248	.4	24	9	569	2.42	8	5	ND	3	18	.7	2	2	27	.19	.337	9	17	.26	168	.13	2	3.22	.03	.09	1
3+50N 2+75W	1	9	15	188	.3	18	6	337	2.11	4	5	ND	2	19	.7	2	2	24	.17	.213	6	11	.13	163	.18	3	3.74	.03	.05	1
3+50N 2+50W	1	16	70	376	.1	28	11	475	3.57	8	5	ND	5	16	.8	3	2	34	.26	.072	22	22	.47	221	.10	3	3.19	.02	.08	1
3+50N 2+25W	1	11	221	432	.3	19	7	924	3.38	7	5	ND	2	21	1.6	2	2	26	1.51	.176	12	14	.80	182	.15	4	3.66	.03	.07	1
3+50N 2+00W	1	9	90	375	.1	19	7	689	2.99	3	5	ND	3	20	.5	2	2	29	.38	.177	12	15	.31	198	.16	6	4.10	.03	.06	1
3+50N 1+75W	1	10	36	297	.1	20	8	697	2.67	4	5	ND	4	19	1.0	2	2	28	.41	.144	16	16	.34	191	.17	3	4.07	.03	.07	1
3+50N 1+50W	1	11	47	259	.1	24	9	854	2.97	3	5	ND	4	17	.6	2	2	33	.30	.158	12	19	.39	231	.14	3	3.20	.02	.07	1
3+50N 1+25W	1	9	68	257	.1	17	6	838	2.67	6	5	ND	2	17	1.3	2	2	23	2.08	.113	16	14	1.43	160	.11	4	2.53	.02	.07	1
3+50N 1+00W	1	9	31	285	.1	13	7	571	2.30	6	5	ND	2	17	.9	2	2	26	.34	.263	8	13	.23	150	.17	3	3.40	.03	.05	3
3+50N 0+75W	1	7	21	706	.1	15	5	697	2.18	2	5	ND	2	21	3.5	2	2	24	.35	.277	11	12	.19	170	.19	3	4.20	.03	.06	1
3+50N 0+50W	1	13	24	335	.1	17	8	633	2.47	2	5	ND	3	16	.9	3	3	30	.23	.187	11	15	.24	207	.17	4	3.83	.03	.07	1
3+50N 0+25W	1	8	23	260	.1	18	7	865	2.45	5	5	ND	3	17	.6	2	2	29	.34	.221	10	13	.24	143	.19	5	5.10	.02	.05	1
3+50N 0+00	1	7	28	306	.1	16	7	779	2.30	5	5	ND	3	15	.6	2	2	26	.23	.277	9	14	.24	192	.15	4	3.67	.03	.05	1
3+50N 0+25E	1	6	32	372	.1	17	8	1074	2.60	3	5	ND	3	15	1.1	2	2	29	.25	.341	8	15	.23	236	.16	4	3.66	.02	.06	1
3+50N 0+50E	1	7	19	281	.1	15	6	1250	1.91	3	5	ND	2	15	1.1	2	2	22	.28	.184	9	10	.19	181	.16	4	3.26	.02	.05	1
3+50N 0+75E	1	15	31	329	.2	24	8	464	2.42	4	6	ND	4	20	1.1	2	3	28	.39	.189	18	17	.37	231	.14	3	3.34	.03	.09	1
3+50N 1+00E	1	7	71	366	.1	19	7	745	2.42	6	5	ND	1	14	.7	2	2	28	.16	.140	13	13	.19	136	.08	2	1.35	.01	.04	1
STANDARD C	19	62	40	130	7.0	72	31	1053	3.92	42	15	7	40	53	18.9	15	19	54	.49	.092	40	57	.87	178	.09	33	1.92	.06	.14	11

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
3+50N 1+25E	3	18	364	529	.2	35	6	1479	2.62	4	5	ND	4	31	.2	2	2	31	.14	.169	12	11	.17	197	.12	2	2.63	.02	.05	4
3+50N 1+50E	3	10	135	487	.2	32	7	2689	3.09	8	5	ND	2	25	.6	2	2	36	.24	.143	9	11	.14	189	.13	3	1.98	.02	.07	2
3+50N 1+75E	2	14	74	493	.5	47	8	1486	2.64	3	5	ND	4	18	1.4	2	2	34	.20	.171	9	12	.19	175	.15	5	3.71	.03	.07	2
3+50N 2+00E	1	9	30	476	.1	23	7	1905	2.53	3	5	ND	4	19	1.2	2	2	32	.43	.306	11	14	.29	254	.14	5	3.38	.03	.11	2
3+50N 2+25E	1	9	66	437	.1	27	9	1975	3.62	2	5	ND	4	19	2.3	2	2	43	.94	.239	18	22	.59	296	.15	6	4.12	.03	.08	1
3+50N 2+50E	1	11	43	371	.2	19	8	1207	2.77	2	5	ND	4	17	1.2	2	2	38	.27	.251	8	13	.23	232	.18	5	4.05	.03	.07	1
3+50N 2+75E	1	17	54	404	.3	26	9	585	2.58	6	5	ND	5	17	1.9	2	2	36	.27	.325	11	14	.28	191	.16	4	4.41	.03	.06	1
3+50N 3+00E	2	9	35	557	.9	20	6	794	1.95	5	5	ND	3	16	2.0	2	2	30	.27	.504	10	8	.16	310	.13	4	2.63	.02	.07	3
3+50N 3+25E	1	15	60	489	.4	29	9	1166	2.52	6	5	ND	4	19	1.0	2	2	33	.24	.354	12	12	.30	336	.12	5	2.98	.02	.09	2
3+50N 3+50E	1	15	61	395	.3	25	8	952	2.57	3	5	ND	5	18	.2	2	2	33	.24	.252	13	16	.26	263	.13	6	2.95	.03	.09	1
3+50N 3+75E	2	9	33	296	.3	16	7	1035	2.05	4	5	ND	3	21	1.5	2	2	27	.28	.510	7	10	.15	230	.15	3	3.27	.03	.07	1
3+50N 4+00E	1	16	39	327	.6	37	9	631	2.73	5	5	ND	5	17	1.0	2	2	35	.20	.261	11	15	.30	201	.15	3	3.78	.03	.08	1
3+50N 4+25E	2	18	44	365	.4	23	9	584	2.84	2	5	ND	5	20	.2	3	2	37	.29	.379	11	15	.28	198	.17	3	4.43	.03	.08	1
3+50N 4+50E	2	19	90	687	.4	43	11	1196	3.23	4	5	ND	5	22	3.6	2	2	37	.90	.379	17	18	.71	346	.11	5	2.91	.02	.12	1
3+50N 4+75E	5	39	21	499	1.4	92	14	257	2.91	6	5	ND	5	28	2.2	2	2	53	.31	.435	11	23	.61	188	.16	4	3.67	.03	.16	2
3+50N 5+00E	1	20	24	351	1.4	61	11	418	2.73	2	5	ND	4	26	1.5	2	2	42	.21	.162	11	19	.64	262	.17	7	3.33	.03	.20	1
3+50N 5+50E	1	27	26	434	.6	47	11	313	2.72	3	5	ND	5	25	1.3	2	2	71	.30	.150	12	25	1.12	172	.18	7	3.39	.03	.22	1
3+50N 6+00E	1	15	44	438	.4	43	11	967	2.68	3	5	ND	4	24	1.4	2	4	37	.32	.208	10	21	.53	263	.15	4	2.87	.03	.17	1
3+50N 6+50E	4	17	8	86	.8	54	7	267	1.57	11	5	ND	3	16	.2	2	2	42	.22	.167	9	9	.18	164	.09	6	2.08	.02	.11	1
3+50N 7+00E	2	51	151	922	1.2	64	11	523	3.83	6	5	ND	6	34	2.1	2	3	44	.63	.441	28	16	.45	320	.10	3	3.01	.03	.14	5
3+50N 7+50E	1	14	84	515	.3	39	12	465	3.20	2	5	ND	4	18	.8	2	2	49	.20	.205	15	22	.53	231	.12	4	3.14	.02	.15	3
3+50N 8+00E	2	14	41	611	.7	45	12	282	2.32	8	5	ND	4	25	2.8	2	2	70	.31	.087	15	18	.42	204	.09	2	2.27	.02	.13	3
3+00N 9+00W	2	15	35	292	.1	22	11	359	3.08	5	5	ND	4	14	.2	2	2	35	.11	.209	8	19	.27	180	.16	2	4.80	.02	.07	1
3+00N 8+50W	1	10	18	173	.3	24	9	594	2.27	4	5	ND	4	13	.2	2	2	33	.13	.204	12	19	.32	176	.12	3	2.90	.02	.09	1
3+00N 8+00W	1	18	16	237	.4	35	12	666	2.56	4	5	ND	5	14	.2	2	2	35	.12	.250	13	20	.36	207	.13	4	3.86	.02	.08	1
3+00N 7+50W	1	13	132	143	.2	26	10	632	3.02	7	5	ND	5	14	.2	2	2	33	.17	.118	15	18	.35	197	.12	3	3.19	.02	.08	1
3+00N 7+00W	1	14	53	129	.1	21	8	616	2.87	5	5	ND	4	23	.2	4	2	31	3.23	.092	17	23	2.22	110	.08	4	1.96	.02	.10	1
3+00N 6+50W	1	12	25	117	.1	24	9	392	2.58	2	5	ND	5	14	.2	2	2	30	.22	.068	15	20	.40	171	.13	2	3.19	.03	.10	1
3+00N 6+00W	1	17	41	262	.1	16	8	856	2.82	2	5	ND	4	23	.2	4	2	30	2.51	.094	17	20	1.81	180	.13	4	3.18	.03	.12	1
3+00N 5+75W	1	11	23	137	.2	11	5	564	1.84	2	5	ND	3	28	.2	2	2	19	1.83	.426	15	17	.80	120	.15	8	3.41	.05	.08	1
3+00N 5+50W	1	11	26	199	.1	22	9	344	2.49	5	5	ND	5	19	.2	2	2	29	.51	.235	16	20	.49	144	.12	4	3.10	.03	.12	1
3+00N 5+25W	1	10	57	291	.1	19	9	601	2.95	2	5	ND	5	14	.7	2	3	36	.32	.074	16	19	.46	170	.15	2	3.51	.02	.10	1
3+00N 5+00W	1	6	64	594	.1	16	6	780	1.96	2	5	ND	3	16	.2	2	3	28	.51	.113	9	12	.30	236	.11	6	2.19	.02	.10	1
3+00N 4+75W	1	9	46	407	.1	12	7	1032	2.21	7	5	ND	4	21	1.6	2	2	31	.36	.203	7	11	.25	245	.17	5	2.83	.03	.14	1
3+00N 4+50W	1	10	55	588	.1	16	7	893	2.78	5	5	ND	3	15	2.2	2	2	32	.27	.286	8	12	.24	160	.16	6	3.64	.03	.08	1
3+00N 4+25W	1	13	78	451	.1	20	8	435	2.64	2	5	ND	4	15	.2	2	2	33	.19	.146	12	17	.32	240	.15	4	3.29	.03	.09	1
STANDARD C	19	61	42	133	7.4	71	32	1075	3.94	37	17	6	36	51	17.0	14	19	57	.49	.091	38	59	.91	177	.09	32	1.90	.06	.15	11

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
3+00N 4+00W	1	11	27	297	.1	17	6	944	1.80	8	5	ND	3	19	.2	2	2	29	.23	.243	7	13	.17	154	.15	4	3.49	.03	.06	1
3+00N 3+75W	1	20	50	248	.1	33	13	1131	2.83	3	5	ND	6	15	.2	2	2	41	.23	.075	23	29	.56	227	.09	3	2.52	.02	.12	1
3+00N 3+50W	1	13	32	308	.2	19	9	339	2.44	9	5	ND	5	12	.2	2	2	38	.13	.213	8	19	.23	117	.15	4	4.27	.02	.07	1
3+00N 3+25W	1	23	38	385	.1	28	10	366	2.71	9	5	ND	7	19	.2	2	3	36	.22	.110	17	21	.43	267	.13	2	3.39	.03	.11	1
3+00N 3+00W	1	11	39	389	.1	17	7	999	2.22	4	5	ND	4	16	2.0	2	2	33	.23	.195	10	14	.24	207	.15	5	3.43	.03	.08	1
3+00N 2+75W	1	13	47	383	.1	19	7	431	2.34	6	5	ND	5	17	1.7	2	2	33	.24	.165	12	14	.25	177	.16	5	4.00	.03	.08	1
3+00N 2+50W	1	10	228	403	.1	21	8	409	2.44	4	5	ND	5	16	2.4	2	2	35	.35	.114	13	21	.36	175	.13	5	2.94	.02	.09	1
3+00N 2+25W	1	10	12	171	.1	12	6	585	1.88	6	5	ND	3	14	.2	2	2	29	.10	.617	6	11	.11	169	.16	3	3.14	.03	.04	1
3+00N 2+00W	1	13	64	316	.1	17	7	1168	2.51	5	5	ND	3	19	.2	2	2	30	.25	.184	9	13	.22	257	.14	2	2.82	.04	.08	1
3+00N 1+75W	1	8	82	186	.1	13	5	1098	2.58	3	5	ND	3	21	.2	2	2	31	1.71	.138	18	19	.90	161	.14	7	2.95	.03	.07	1
3+00N 1+50W	1	8	23	181	.1	9	5	833	1.80	6	5	ND	2	14	.2	2	2	28	.14	.243	5	11	.11	120	.16	2	3.32	.03	.04	1
3+00N 1+25W	1	16	47	314	.1	21	8	880	2.99	12	5	ND	5	14	.2	2	2	42	.17	.376	9	20	.30	211	.17	4	4.08	.02	.07	1
3+00N 1+00W	1	14	38	151	.1	15	6	1074	2.04	6	5	ND	4	22	.2	2	2	28	.28	.204	7	12	.18	135	.19	4	4.65	.04	.05	1
3+00N 0+75W	1	19	28	203	.1	23	9	734	2.63	9	5	ND	6	18	.2	4	2	36	.33	.138	15	15	.42	283	.16	4	4.08	.03	.08	1
3+00N 0+50W	1	18	35	222	.1	24	9	497	2.60	7	5	ND	5	17	.2	2	3	35	.21	.123	12	19	.35	225	.14	6	3.69	.03	.10	1
3+00N 0+25W	1	17	30	196	.1	25	10	477	2.65	7	5	ND	6	14	.2	2	2	37	.23	.116	13	22	.41	203	.13	4	3.33	.03	.08	1
3+00N 0+00	1	16	33	187	.1	23	10	637	2.43	5	5	ND	4	15	.2	2	2	37	.17	.155	15	24	.41	192	.11	2	2.69	.02	.09	1
3+00N 0+25E	1	11	29	202	.1	13	5	984	2.22	6	5	ND	3	16	.2	2	2	33	.15	.163	6	9	.15	200	.21	4	3.81	.03	.05	1
3+00N 0+50E	1	14	28	207	.2	15	7	754	2.34	5	5	ND	4	16	.2	2	2	31	.21	.203	12	13	.24	206	.18	3	4.21	.03	.06	1
3+00N 0+75E	1	19	62	306	.2	27	7	651	2.31	8	5	ND	5	17	.2	2	2	30	.16	.186	11	16	.25	151	.14	5	3.63	.03	.07	1
3+00N 1+00E	1	7	30	258	.1	17	6	919	2.12	3	5	ND	4	14	.2	2	2	30	.25	.219	10	14	.20	149	.11	6	2.07	.02	.07	1
3+00N 1+25E	1	11	93	703	.3	23	7	633	2.41	5	5	ND	4	17	1.2	2	2	31	.30	.488	10	14	.22	183	.16	4	3.90	.03	.06	1
3+00N 1+50E	1	9	49	644	.1	26	8	748	2.34	2	5	ND	3	14	.8	2	2	32	.22	.219	13	20	.35	204	.10	3	2.52	.02	.09	1
3+00N 1+75E	1	6	91	511	.1	24	5	854	2.68	2	5	ND	3	18	.6	2	2	32	.19	.185	10	11	.15	178	.11	3	1.74	.02	.05	1
3+00N 2+00E	1	9	43	629	.2	27	7	667	2.34	2	5	ND	4	15	1.5	2	3	31	.19	.204	11	14	.23	163	.15	7	3.56	.03	.07	2
3+00N 2+25E	1	10	51	554	.1	20	7	838	2.62	4	5	ND	4	12	1.0	3	2	34	.15	.336	9	12	.18	218	.14	3	3.09	.02	.06	2
3+00N 2+50E	1	17	65	1126	.1	41	8	1096	3.82	8	5	ND	4	16	5.7	2	2	38	.81	.314	17	14	.60	279	.13	2	3.79	.02	.08	2
3+00N 2+75E	1	12	20	365	.3	15	4	519	1.78	4	5	ND	3	13	.2	2	2	25	.12	.513	6	8	.11	125	.16	2	3.56	.03	.04	1
3+00N 3+00E	3	15	33	340	.4	26	7	1052	1.96	6	5	ND	4	17	.6	2	2	29	.18	.360	11	10	.16	239	.13	5	2.98	.03	.08	1
3+00N 3+25E	1	13	22	490	.6	36	6	1100	1.78	6	5	ND	4	25	1.4	2	2	26	.22	.248	10	7	.17	237	.13	6	3.06	.03	.08	1
3+00N 3+50E	1	13	17	410	.4	22	6	516	2.37	6	5	ND	4	18	1.7	2	2	29	.18	.434	10	9	.14	206	.13	3	2.89	.03	.06	1
3+00N 3+75E	2	19	52	451	.1	32	9	541	3.05	4	5	ND	6	16	.3	2	2	37	.21	.167	17	13	.34	252	.08	4	2.14	.01	.09	1
3+00N 4+00E	2	23	25	551	.1	41	9	250	1.86	3	5	ND	5	19	.3	2	2	61	.22	.256	13	9	.31	336	.11	2	2.17	.02	.14	1
3+00N 4+25E	2	22	36	510	.2	43	9	350	1.82	2	5	ND	4	23	.8	2	3	56	.28	.145	13	11	.26	292	.11	2	1.50	.02	.15	1
3+00N 4+50E	1	11	50	450	.2	21	8	903	2.20	7	5	ND	4	18	1.2	2	2	33	.25	.433	9	11	.20	219	.13	5	2.95	.02	.07	1
3+00N 4+75E	1	9	51	507	.1	22	7	1197	2.12	3	5	ND	3	20	2.0	2	2	28	.29	.264	10	12	.22	221	.12	5	2.64	.03	.11	1
STANDARD C	19	61	44	135	7.3	70	34	1063	4.03	38	16	8	37	52	17.8	17	23	55	.48	.090	38	58	.88	178	.09	33	1.91	.06	.15	11

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
3+00N 5+00E	1	11	58	346	.2	23	6	506	2.07	5	5	ND	4	15	1.1	2	2	20	.24	.219	10	13	.25	162	.08	4	2.14	.02	.08	1
3+00N 5+50E	2	15	42	451	.2	39	9	367	2.42	5	5	ND	4	19	1.5	2	2	36	.23	.199	13	18	.58	233	.09	3	2.12	.02	.11	2
3+00N 6+00E	1	14	32	291	.6	30	8	505	2.23	2	7	ND	4	18	1.1	2	2	23	.22	.223	9	14	.30	162	.14	4	3.14	.03	.10	1
3+00N 6+50E	2	14	20	210	.6	35	6	396	1.80	6	5	ND	4	22	.7	2	2	26	.26	.341	6	11	.16	147	.11	4	3.06	.02	.07	3
3+00N 7+00E	1	11	51	447	.3	22	8	788	2.30	2	5	ND	4	18	1.3	2	2	24	.21	.464	10	17	.28	425	.10	4	2.59	.02	.09	1
3+00N 7+50E	2	18	30	403	.8	42	12	376	2.67	4	5	ND	5	21	1.3	2	2	45	.23	.145	16	19	.67	151	.09	4	2.71	.02	.12	2
3+00N 8+00E	4	28	45	591	1.1	54	10	363	2.74	6	5	ND	5	26	4.0	2	2	43	.28	.264	16	20	.51	168	.10	4	2.89	.02	.11	1
3+00N 8+50E	1	13	42	259	.4	28	9	440	2.70	2	5	ND	5	31	.9	2	2	28	.26	.162	11	16	.49	208	.11	3	2.39	.02	.12	1
3+00N 9+00E	1	16	55	282	.4	33	9	454	2.75	4	5	ND	6	24	1.1	2	2	31	.26	.245	15	19	.40	185	.14	3	3.80	.02	.08	1
3+00N 9+50E	1	12	36	193	.3	27	7	337	2.26	2	6	ND	4	17	.6	2	2	25	.15	.218	9	15	.32	158	.13	3	3.18	.02	.08	1
3+00N 10+00E	1	12	54	282	.1	25	9	1082	2.48	2	5	ND	4	25	.9	2	2	28	.25	.135	11	19	.41	221	.11	4	2.57	.02	.10	2
2+50N 10+00W	1	20	40	196	.3	31	13	414	3.16	7	5	ND	6	20	.6	2	2	26	.42	.080	23	21	.54	145	.05	3	2.25	.01	.08	1
2+50N 9+50W	1	12	18	173	.2	15	6	480	2.27	4	5	ND	3	10	.2	2	2	26	.10	.185	6	13	.14	132	.16	3	4.05	.02	.05	2
2+50N 9+00W	1	19	24	149	.4	19	8	302	2.29	3	5	ND	5	16	.4	2	2	25	.17	.087	18	17	.25	173	.15	3	3.67	.03	.08	1
2+50N 8+50W	1	13	22	148	.1	22	9	547	2.48	5	5	ND	5	11	.4	2	2	27	.13	.106	12	18	.37	112	.08	2	1.95	.01	.06	2
2+50N 8+00W	1	15	13	119	.2	24	8	811	2.36	2	5	ND	4	14	.2	2	2	25	.15	.152	9	17	.24	194	.16	3	4.82	.02	.06	1
2+50N 7+50W	1	27	65	175	.3	25	10	353	3.25	3	5	ND	7	15	.2	2	2	31	.20	.087	28	21	.51	200	.15	4	4.18	.02	.09	2
2+50N 7+00W	1	13	40	191	.2	22	9	1058	2.87	2	6	ND	6	16	.5	2	2	27	.42	.079	16	19	.49	236	.16	4	4.12	.02	.09	1
2+50N 6+50W	1	17	54	271	.2	22	9	1023	2.96	3	5	ND	6	19	1.7	2	2	29	2.21	.071	17	20	1.61	216	.12	7	3.63	.02	.13	1
2+50N 6+00W	1	8	30	215	.2	12	5	365	1.91	2	5	ND	3	24	.7	2	2	16	2.97	.279	13	13	1.65	134	.12	6	3.04	.03	.09	1
2+50N 5+75W	1	8	43	185	.2	16	7	338	2.78	9	5	ND	5	19	.4	2	2	27	.72	.104	15	16	.45	114	.16	5	4.37	.02	.07	1
2+50N 5+50W	1	12	45	540	.1	26	10	289	3.04	4	5	ND	6	18	1.3	2	2	30	.27	.071	14	24	.50	211	.13	4	3.66	.02	.10	1
2+50N 5+25W	1	17	93	612	.2	19	8	393	3.44	2	5	ND	4	13	.8	2	2	32	.21	.112	9	18	.32	249	.15	4	3.42	.02	.06	2
2+50N 5+00W	1	9	36	594	.1	12	5	1353	2.36	3	5	ND	2	16	3.1	2	2	23	.50	.232	10	14	.29	317	.15	4	3.02	.02	.06	1
2+50N 4+75W	1	12	32	417	.1	17	7	460	2.79	2	5	ND	4	15	2.2	2	2	27	.23	.191	11	16	.31	161	.18	4	4.46	.02	.06	2
2+50N 4+50W	1	10	228	1094	.1	18	6	3423	4.17	8	5	ND	2	19	4.0	2	2	25	.42	.375	8	15	.21	324	.13	4	3.09	.02	.10	1
2+50N 4+25W	1	10	1147	1163	.3	16	6	1304	3.02	3	5	ND	2	14	3.4	2	2	26	.28	.166	10	16	.23	242	.14	5	3.00	.02	.06	1
2+50N 4+00W	1	32	65	189	.2	39	13	615	3.48	5	5	ND	8	15	.5	11	2	37	.51	.066	28	33	.96	167	.08	3	2.39	.01	.19	1
2+50N 3+75W	1	14	27	217	.1	25	11	393	2.78	5	5	ND	4	11	.3	2	2	28	.18	.056	20	27	.65	139	.05	2	1.92	.01	.11	1
2+50N 3+50W	1	10	45	343	.2	13	5	565	1.87	3	5	ND	3	17	1.2	2	3	19	.35	.271	8	12	.20	213	.14	4	2.67	.03	.06	2
2+50N 3+25W	1	21	51	223	.1	25	10	795	3.17	8	5	ND	6	18	1.3	2	2	33	.55	.108	21	23	.71	247	.14	4	4.09	.02	.11	3
2+50N 3+00W	1	9	298	225	.3	14	5	865	1.93	3	5	ND	3	18	1.9	2	2	20	1.09	.100	10	12	.55	174	.13	4	2.78	.02	.06	1
2+50N 2+75W	1	12	81	591	.1	18	7	1230	2.62	4	5	ND	4	20	5.8	2	2	26	.58	.132	11	16	.42	189	.18	7	4.20	.03	.09	1
2+50N 2+50W	1	11	29	378	.3	19	7	449	2.19	3	5	ND	4	15	2.3	2	2	23	.20	.132	10	15	.25	183	.16	4	3.58	.03	.07	1
2+50N 2+25W	1	9	65	271	.1	16	6	791	2.40	4	5	ND	3	17	1.3	2	2	23	.26	.198	8	14	.21	200	.14	4	3.07	.03	.07	2
2+50N 2+00W	1	12	32	194	.1	14	7	518	2.02	3	5	ND	3	11	.7	2	2	20	.16	.143	9	14	.21	129	.11	3	2.67	.02	.06	2
STANDARD C	19	62	42	130	7.3	69	34	1045	3.91	38	18	6	39	52	18.5	14	21	56	.47	.091	38	59	.88	174	.09	32	1.90	.07	.15	11

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
2+50N 1+75W	1	9	37	223	.1	11	5	780	2.03	4	5	ND	3	16	.4	2	2	21	.27	.171	7	11	.18	166	.16	5	3.28	.03	.07	4
2+50N 1+50W	1	12	21	184	.2	14	6	339	2.09	3	5	ND	3	13	.6	2	2	23	.17	.170	6	12	.17	150	.15	2	3.29	.02	.05	1
2+50N 1+25W	1	11	10	133	.2	12	5	404	1.85	6	5	ND	2	13	.5	2	2	21	.18	.337	6	10	.12	124	.16	3	4.00	.03	.04	1
2+50N 1+00W	1	10	21	168	.3	11	5	856	1.94	2	6	ND	3	20	.5	2	2	20	1.31	.151	10	10	.77	223	.14	5	3.62	.04	.09	1
2+50N 0+75W	1	11	18	202	.1	13	5	1092	2.06	6	5	ND	2	11	.4	2	2	24	.14	.208	6	12	.15	203	.16	3	3.44	.02	.06	1
2+50N 0+50W	1	18	20	113	.1	14	6	326	2.10	3	5	ND	4	16	.4	2	2	24	.18	.133	14	15	.24	125	.16	3	3.91	.03	.05	1
2+50N 0+25W	1	12	21	159	.3	14	7	1073	2.10	2	5	ND	3	12	.6	2	2	24	.16	.212	8	14	.22	226	.13	3	3.08	.02	.06	2
2+50N 0+00	1	15	45	280	.1	17	7	1232	2.48	5	5	ND	4	17	1.2	2	4	26	.28	.251	9	17	.28	226	.16	3	3.58	.03	.09	2
2+50N 0+25E	1	18	39	324	.2	25	8	576	2.65	5	5	ND	4	14	1.1	2	2	26	.17	.191	12	18	.36	222	.12	3	3.63	.02	.06	1
2+50N 0+50E	1	15	38	394	.4	20	7	809	2.36	7	5	ND	3	16	1.5	2	3	23	.22	.325	8	14	.20	206	.13	3	3.78	.02	.07	1
2+50N 0+75E	1	15	23	300	.2	17	6	641	2.03	4	5	ND	3	14	2.0	2	2	22	.15	.205	9	12	.19	146	.17	3	4.40	.02	.06	2
2+50N 1+00E	1	12	21	242	.3	14	6	798	2.16	4	5	ND	3	10	1.2	2	2	25	.10	.265	5	13	.14	145	.18	3	4.50	.02	.05	3
2+50N 1+25E	1	11	239	921	.7	26	6	480	2.20	3	5	ND	3	12	2.3	2	2	23	.18	.290	9	14	.20	183	.14	3	3.23	.02	.05	1
2+50N 1+50E	1	13	209	559	.4	19	6	411	2.22	6	5	ND	3	15	1.8	2	2	24	.24	.267	7	12	.15	123	.17	4	4.09	.03	.06	1
2+50N 1+75E	1	12	32	570	.3	15	5	803	2.29	2	8	ND	3	16	3.4	2	2	24	.19	.327	8	12	.15	177	.17	3	4.23	.03	.06	1
2+50N 2+00E	1	23	157	2804	1.4	91	4	962	4.53	10	5	ND	5	37	10.3	2	2	35	3.07	1.049	18	20	.53	236	.07	2	1.48	.02	.11	1
2+50N 2+25E	1	9	60	648	.8	27	5	1055	1.96	4	5	ND	3	17	5.8	2	2	20	.31	.475	10	12	.14	330	.10	2	2.09	.02	.06	1
2+50N 2+50E	1	6	20	379	.3	17	5	1159	1.93	5	5	ND	3	19	2.7	2	2	21	.19	.444	7	11	.14	310	.14	2	3.21	.02	.07	1
2+50N 2+75E	1	12	21	270	.4	28	7	986	2.22	5	5	ND	3	21	1.5	2	2	24	.21	.332	11	12	.19	301	.14	2	3.68	.02	.07	2
2+50N 3+00E	1	13	67	791	.4	36	7	609	2.64	6	5	ND	5	19	3.3	2	2	29	.58	.512	14	15	.26	437	.07	3	2.01	.01	.09	1
2+50N 3+25E	2	14	65	617	.6	30	7	697	2.57	9	5	ND	4	25	2.2	2	2	27	.43	.464	13	14	.24	406	.10	3	2.76	.02	.09	2
2+50N 3+50E	1	13	37	562	.3	21	6	2153	2.16	7	5	ND	3	19	3.9	2	3	26	.27	.418	9	14	.18	441	.13	3	2.84	.03	.13	4
2+50N 3+70E	4	53	160	1147	.9	81	13	1608	4.78	21	5	ND	10	44	8.2	4	2	46	1.92	.736	31	24	.48	514	.05	2	1.76	.01	.26	1
2+50N 4+00E	7	65	41	554	.7	82	14	354	2.77	5	5	ND	4	26	3.7	3	3	78	.46	.156	16	20	.46	359	.09	4	1.75	.02	.22	1
2+50N 4+25E	1	17	9	159	1.3	32	6	392	1.72	3	5	ND	3	20	.5	2	2	27	.17	.222	9	11	.15	169	.15	3	3.52	.03	.07	1
2+50N 4+50E	1	13	30	313	.4	18	6	564	2.04	3	5	ND	3	13	1.6	2	5	25	.17	.377	7	15	.18	243	.13	2	2.63	.02	.08	1
2+50N 4+75E	1	9	37	343	.2	12	6	979	1.78	4	5	ND	2	14	1.8	2	2	22	.18	.283	7	12	.15	240	.11	2	1.94	.02	.07	3
2+50N 5+00E	1	10	59	471	.2	27	8	687	2.35	7	5	ND	4	19	1.2	2	2	26	.28	.346	12	15	.26	221	.12	3	3.09	.02	.08	1
2+50N 5+50E	1	31	18	253	.3	40	9	129	2.71	4	5	ND	6	14	1.0	3	2	84	.25	.038	22	22	1.89	93	.10	2	2.29	.01	.16	1
2+50N 6+00E	1	21	14	264	.2	46	13	232	2.96	2	6	ND	5	19	1.1	2	2	33	.18	.101	11	17	1.01	147	.16	5	2.96	.02	.19	1
2+50N 6+50E	2	14	17	170	.6	35	7	623	1.65	6	5	ND	2	20	.5	2	2	26	.16	.229	8	9	.16	230	.10	4	2.45	.02	.09	1
2+50N 7+00E	1	12	35	289	.4	32	9	1037	2.47	8	5	ND	4	28	.8	2	2	29	.29	.300	12	13	.29	596	.09	3	2.06	.02	.14	1
2+50N 7+50E	1	9	25	309	.4	32	7	805	1.85	3	8	ND	3	30	1.7	2	2	30	.24	.204	10	13	.31	201	.13	2	2.67	.03	.12	1
2+50N 8+00E	1	10	37	464	.2	21	6	912	1.87	7	5	ND	3	26	3.1	2	3	27	.20	.317	10	13	.24	458	.10	3	2.12	.02	.11	2
2+50N 8+50E	2	16	31	503	1.1	43	9	491	2.32	5	5	ND	3	22	3.7	2	2	41	.17	.175	19	20	.49	202	.10	3	2.86	.02	.12	3
2+50N 9+00E	1	12	37	346	.3	20	7	1231	2.11	2	5	ND	3	29	2.1	2	2	25	.25	.392	9	12	.23	302	.13	3	2.84	.02	.11	3
STANDARD C	20	60	41	131	7.3	70	34	1060	3.95	40	17	7	40	53	18.7	15	20	54	.48	.090	40	58	.88	175	.09	32	1.92	.06	.15	11

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
2+50N 9+50E	1	9	43	371	.3	26	11	868	2.48	2	5	ND	3	28	.7	2	2	35	.34	.131	14	21	.69	278	.08	3	2.31	.02	.14	1
2+50N 10+00E	1	11	38	258	.2	30	10	948	2.67	4	5	ND	4	37	.6	2	2	38	.42	.176	15	22	.44	277	.13	3	2.76	.04	.17	1
2+00N 9+00W	1	12	20	139	.2	16	8	364	2.40	2	5	ND	3	13	.2	2	2	32	.13	.080	8	11	.17	173	.18	2	4.21	.03	.05	1
2+00N 8+50W	1	11	5	142	.3	18	7	401	2.30	2	5	ND	3	23	.2	2	2	31	.32	.342	6	12	.20	131	.16	3	4.57	.02	.05	1
2+00N 8+00W	1	9	15	151	.1	16	7	1110	2.10	2	5	ND	3	16	.2	2	2	34	.16	.161	10	17	.24	205	.11	2	2.18	.03	.08	1
2+00N 7+50W	1	12	39	255	.2	25	10	1097	2.89	2	5	ND	5	12	.3	2	2	34	.18	.175	12	25	.40	180	.11	3	2.87	.03	.11	1
2+00N 7+00W	1	11	22	224	.1	18	8	1160	2.24	2	5	ND	3	17	.2	2	2	28	.30	.182	10	17	.25	235	.12	3	2.60	.04	.11	1
2+00N 6+50W	1	10	29	183	.1	26	10	489	2.69	2	5	ND	5	15	.2	2	2	29	.31	.097	14	22	.49	174	.12	4	3.02	.04	.14	1
2+00N 6+00W	1	7	11	758	.1	10	4	424	1.41	2	5	ND	2	24	.7	2	2	19	.51	.264	5	10	.24	193	.14	4	2.47	.05	.09	1
2+00N 5+50W	1	10	69	2263	.2	23	9	825	3.35	2	5	ND	5	18	6.7	2	3	33	.44	.126	16	27	.55	193	.11	4	2.86	.03	.15	11
2+00N 5+25W	1	10	91	2305	.2	13	6	923	2.56	6	5	ND	3	26	7.2	2	2	26	1.09	.257	11	17	.54	241	.13	3	2.83	.04	.12	10
2+00N 5+00W	1	10	84	3576	.3	12	5	1393	2.54	12	5	ND	1	19	7.5	2	2	20	3.28	.148	9	15	1.67	132	.06	5	1.57	.02	.09	20
2+00N 4+75W	1	6	66	2748	.2	6	3	632	1.14	7	5	ND	1	16	8.2	2	2	9	8.39	.154	4	4	4.26	49	.02	6	.45	.01	.04	15
2+00N 4+50W	1	9	60	1618	.2	8	4	1091	2.00	9	5	ND	1	19	4.6	3	2	20	4.33	.221	8	14	2.00	105	.06	9	1.49	.02	.07	10
2+00N 4+25W	1	10	22	339	.2	15	7	462	2.96	3	5	ND	3	20	.7	2	2	34	.49	.116	12	16	.35	127	.22	4	5.36	.03	.06	1
2+00N 4+00W	1	10	31	296	.2	19	7	646	2.80	4	5	ND	3	18	1.1	2	2	35	1.01	.142	13	24	.72	176	.14	6	3.55	.03	.10	1
2+00N 3+75W	1	8	27	311	.1	18	7	713	2.69	4	5	ND	4	15	.7	2	2	31	.37	.104	11	19	.44	170	.14	2	3.21	.03	.08	1
2+00N 3+50W	1	17	23	288	.2	20	9	626	2.74	2	5	ND	5	23	2.6	2	2	35	.26	.085	14	19	.39	241	.19	4	4.49	.05	.14	1
2+00N 3+25W	2	16	130	399	.2	23	10	361	3.32	2	5	ND	5	20	1.1	2	2	38	.32	.096	11	20	.35	196	.20	3	5.08	.04	.08	2
2+00N 3+00W	1	47	186	288	.3	44	17	630	4.89	9	5	ND	10	21	.8	2	3	61	.43	.095	31	48	.95	206	.13	3	3.13	.04	.33	1
2+00N 2+75W	1	7	40	383	.2	11	5	958	2.19	3	5	ND	2	23	.6	2	2	26	1.01	.147	11	15	.50	212	.14	8	2.53	.04	.11	1
2+00N 2+50W	1	6	7	297	.1	12	5	946	1.99	10	5	ND	2	20	.3	2	2	26	.31	.434	4	8	.16	179	.18	4	3.70	.04	.07	1
2+00N 2+25W	1	10	46	222	.1	16	7	896	2.72	4	5	ND	3	18	.3	2	2	34	.23	.220	7	13	.28	282	.20	3	4.16	.03	.07	2
2+00N 2+00W	1	8	44	367	.1	14	5	648	2.10	5	5	ND	3	21	.4	2	2	28	.51	.323	5	11	.28	200	.18	6	3.30	.04	.09	1
2+00N 1+75W	1	18	63	204	.1	22	10	414	3.14	8	5	ND	5	20	.4	2	2	40	.32	.186	11	23	.46	163	.15	5	3.37	.03	.11	1
2+00N 1+50W	1	10	63	155	.4	19	7	1610	3.16	5	5	ND	5	26	.6	2	2	40	1.23	.156	15	18	.70	245	.19	9	3.90	.05	.10	1
2+00N 1+25W	1	20	80	274	.3	27	10	647	3.69	7	5	ND	6	23	1.0	2	5	49	.62	.176	21	25	.53	179	.18	3	4.57	.03	.11	1
2+00N 1+00W	1	10	24	335	.1	15	7	1031	2.78	5	5	ND	3	23	.4	2	3	37	.50	.213	8	13	.29	294	.20	4	3.99	.05	.08	1
2+00N 0+75W	2	15	93	328	.3	37	9	949	3.90	16	5	ND	5	23	.6	2	3	66	1.51	.164	15	23	.97	276	.14	8	3.11	.04	.16	1
2+00N 0+50W	1	12	64	441	.3	25	6	1631	2.72	11	5	ND	4	22	1.1	4	2	33	2.84	.243	16	16	1.58	222	.11	6	2.24	.04	.13	2
2+00N 0+25W	1	12	62	270	.1	24	9	644	2.60	8	5	ND	4	17	.6	2	2	29	.18	.132	9	18	.35	196	.15	3	3.59	.03	.09	1
2+00N 0+00	1	10	51	242	.2	26	8	617	2.97	5	5	ND	4	20	.9	2	2	40	.27	.104	14	19	.34	210	.18	5	3.99	.04	.14	1
2+00N 0+25E	1	13	31	251	.3	21	8	406	2.43	4	5	ND	4	15	.2	2	2	30	.16	.132	12	16	.32	217	.15	3	3.70	.03	.09	1
2+00N 0+50E	2	19	37	229	.5	23	9	579	2.87	8	5	ND	5	22	1.0	2	2	41	.35	.195	18	16	.32	184	.20	5	4.83	.04	.07	1
2+00N 0+75E	1	12	46	516	.2	29	10	631	2.91	6	5	ND	5	18	1.9	2	2	47	.28	.178	16	22	.41	255	.15	3	3.66	.03	.10	3
2+00N 1+00E	1	10	37	630	.2	31	7	979	2.69	9	5	ND	5	25	1.1	2	2	34	1.28	.254	16	19	.78	209	.15	8	2.74	.04	.13	1
2+00N 1+25E	1	11	768	2289	.2	51	6	1092	2.94	8	5	ND	4	27	2.7	2	2	37	.83	.387	14	14	.41	254	.14	5	2.85	.05	.10	11
STANDARD C	19	61	40	133	7.2	71	31	1072	4.00	41	16	6	36	52	18.9	14	21	56	.49	.090	37	61	.89	179	.09	33	1.92	.06	.15	11

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
2+00N 1+50E	1	10	20	392	.3	16	5	1809	1.69	7	5	ND	3	18	1.6	2	2	22	.18	.268	7	9	.17	218	.14	5	2.97	.03	.06	1
2+00N 1+75E	1	9	31	441	.5	18	6	822	1.92	9	5	ND	3	12	1.2	2	2	24	.14	.285	7	11	.17	211	.14	2	3.33	.03	.05	2
2+00N 2+00E	1	11	18	283	.4	19	7	562	2.05	12	5	ND	3	14	1.5	2	2	25	.16	.509	8	13	.24	211	.13	2	3.11	.02	.06	1
2+00N 2+25E	1	17	186	315	.3	24	8	474	2.42	5	5	ND	4	19	1.1	2	2	30	.19	.198	13	12	.23	214	.15	3	4.09	.03	.06	1
2+00N 2+50E	1	15	29	241	.2	22	7	264	2.20	11	5	ND	4	15	.9	2	2	27	.20	.482	14	10	.15	172	.16	2	4.38	.03	.05	1
2+00N 2+75E	1	12	50	353	.8	24	6	1153	1.99	11	5	ND	4	18	2.0	2	2	25	.20	.427	10	11	.19	280	.14	4	3.23	.02	.06	1
2+00N 3+00E	1	15	50	325	.2	24	7	741	2.16	8	5	ND	4	16	.8	2	2	27	.18	.245	12	12	.29	208	.10	3	2.53	.02	.06	1
2+00N 3+25E	1	9	34	346	.3	21	6	1153	1.90	10	5	ND	2	18	1.3	2	2	23	.22	.431	8	6	.19	311	.12	2	2.71	.02	.05	1
2+00N 3+50E	1	13	29	337	.6	23	7	222	2.20	11	5	ND	4	18	1.9	2	2	26	.24	.530	10	9	.22	184	.15	2	4.05	.03	.06	1
2+00N 3+75E	1	17	22	277	.3	28	7	347	2.23	6	5	ND	4	19	1.5	2	2	30	.22	.318	11	11	.24	233	.15	2	3.86	.03	.07	1
2+00N 4+00E	3	20	20	342	.4	53	11	363	1.77	8	5	ND	4	18	.8	2	2	47	.23	.071	14	9	.29	297	.09	4	1.93	.02	.16	1
2+00N 4+50E	1	10	13	222	.5	23	5	572	1.66	9	5	ND	3	18	1.1	2	2	24	.27	.385	7	6	.15	197	.16	4	3.28	.03	.08	1
2+00N 4+75E	2	9	30	367	.6	42	8	512	1.64	8	5	ND	2	15	.9	2	2	55	.21	.128	11	12	.41	269	.10	2	2.09	.02	.14	1
2+00N 5+00E	1	12	56	290	.2	17	5	558	1.65	8	5	ND	3	18	1.0	2	2	24	.21	.353	7	8	.18	231	.11	2	1.94	.02	.09	1
2+00N 5+50E	1	17	23	276	.2	42	8	228	1.94	11	5	ND	5	25	1.2	2	2	42	.26	.251	9	16	.53	191	.13	2	3.07	.03	.09	1
2+00N 6+00E	1	11	32	388	.3	30	7	728	1.86	11	5	ND	3	20	1.5	2	2	29	.25	.328	8	10	.21	203	.14	5	3.36	.03	.08	1
2+00N 6+50E	6	14	19	221	.4	40	7	298	1.51	14	5	ND	2	14	.2	2	2	39	.18	.114	11	5	.18	213	.05	3	1.30	.01	.10	1
2+00N 7+00E	1	8	15	131	.1	17	7	222	1.68	10	5	ND	3	11	.2	2	2	23	.14	.149	8	10	.16	141	.08	4	1.81	.01	.06	1
2+00N 7+50E	1	13	30	338	.4	37	9	515	2.12	13	5	ND	4	19	2.8	2	2	37	.17	.456	9	14	.30	190	.17	5	4.07	.03	.08	1
2+00N 8+00E	1	14	42	423	.6	33	7	466	2.09	10	5	ND	4	23	3.9	2	2	30	.24	.304	12	10	.21	223	.16	2	3.68	.03	.09	2
2+00N 8+50E	1	11	102	385	.2	30	9	624	2.61	7	5	ND	3	20	.2	2	2	36	.25	.142	17	22	.49	222	.05	3	1.66	.01	.11	1
2+00N 9+00E	1	11	89	493	.1	29	7	809	2.16	9	5	ND	3	18	1.2	2	2	29	.87	.102	14	18	.78	239	.06	2	1.64	.01	.11	1
2+00N 9+50E	1	10	45	386	.3	29	8	402	2.22	10	5	ND	3	17	.4	2	2	31	.20	.281	9	16	.29	186	.12	4	2.95	.02	.08	1
2+00N 10+00E	1	8	58	293	.1	20	9	581	2.57	7	5	ND	3	18	.4	2	3	36	.22	.197	12	18	.35	220	.10	2	2.06	.01	.10	1
1+50N 4+00W	1	12	41	392	.4	15	7	1166	2.38	9	5	ND	1	22	3.1	2	2	27	2.31	.155	15	17	1.19	135	.11	12	3.09	.02	.10	1
1+50N 3+75W	1	12	53	236	.1	20	9	766	2.76	5	5	ND	5	18	1.2	2	2	28	.60	.072	17	22	.63	152	.12	3	2.89	.02	.11	1
1+50N 3+50W	1	8	80	413	.1	24	9	1268	2.75	4	5	ND	4	15	1.7	2	2	32	.41	.054	13	19	.50	265	.13	5	3.12	.02	.12	1
1+50N 3+25W	1	14	187	444	.1	28	11	601	3.47	5	5	ND	5	16	1.2	2	2	35	.28	.042	17	24	.61	201	.14	3	3.62	.02	.15	1
1+50N 3+00W	1	16	166	302	.1	26	12	538	3.45	4	5	ND	6	19	.8	2	2	38	.38	.082	19	28	.66	201	.18	5	4.52	.03	.12	1
1+50N 2+75W	1	9	85	392	.2	11	6	1152	2.24	9	5	ND	2	17	2.3	2	2	24	2.39	.192	14	18	1.25	201	.13	7	2.66	.02	.09	1
1+50N 2+50W	1	12	134	223	.3	14	6	1410	3.26	11	5	ND	1	24	1.0	2	2	29	2.63	.291	19	21	1.16	179	.12	7	3.17	.02	.10	1
1+50N 2+25W	1	10	39	191	.1	19	8	327	2.53	2	5	ND	4	14	.3	2	2	36	.27	.089	7	16	.32	158	.19	6	4.47	.02	.09	1
1+50N 2+00W	1	8	45	325	.1	16	8	650	2.10	5	5	ND	3	16	.2	2	2	25	.34	.137	7	15	.28	195	.15	6	3.37	.02	.09	1
1+50N 1+75W	1	13	57	265	.1	23	8	332	2.41	7	5	ND	3	16	.3	2	2	31	.23	.136	9	17	.29	186	.19	4	4.19	.03	.08	1
1+50N 1+50W	1	8	96	136	.3	8	4	1736	1.81	6	5	ND	1	16	.5	3	2	22	6.02	.099	8	10	3.15	179	.07	6	1.44	.02	.09	1
1+50N 1+25W	1	11	89	174	.3	9	4	900	1.65	10	5	ND	1	16	.3	8	2	25	6.13	.192	11	11	3.13	64	.03	5	1.14	.01	.04	1
STANDARD C	18	62	38	133	7.3	70	34	1070	3.99	38	17	7	36	51	17.0	14	20	55	.49	.091	37	59	.88	179	.09	31	1.91	.06	.15	11

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
1+50N 1+00W	1	8	75	687	.2	11	5	1383	2.26	2	5	ND	2	24	2.3	2	3	24	.71	.273	8	16	.40	298	.14	6	2.28	.03	.12	1
1+50N 0+75W	1	11	67	432	.1	23	8	872	2.83	2	5	ND	3	20	1.0	2	2	26	.38	.148	10	20	.41	246	.13	6	3.39	.03	.14	1
1+50N 0+50W	1	11	71	352	.3	27	9	683	2.92	2	5	ND	5	22	1.0	2	2	28	.67	.099	16	21	.69	267	.14	7	4.04	.04	.18	1
1+50N 0+25W	1	11	111	410	.1	27	9	635	3.24	2	5	ND	5	19	.9	2	2	30	.21	.107	15	24	.50	250	.14	5	3.67	.03	.15	1
1+50N 0+00	1	12	88	410	.2	23	9	804	3.12	2	5	ND	5	20	1.1	2	2	28	.32	.173	14	21	.45	230	.13	5	3.52	.03	.11	1
1+50N 0+25E	1	16	61	262	.5	30	11	848	3.62	4	5	ND	7	25	.9	2	2	37	.46	.169	27	25	.62	229	.17	7	5.23	.03	.11	1
1+50N 0+50E	1	13	49	300	.4	24	8	1120	3.08	5	5	ND	4	29	1.6	2	2	31	1.58	.277	21	22	1.02	267	.14	8	4.24	.03	.13	1
1+50N 0+75E	1	21	79	339	.7	31	10	1121	3.59	7	5	ND	5	30	1.6	2	2	40	1.67	.296	27	25	1.05	262	.14	9	4.66	.03	.17	1
1+50N 1+00E	1	12	99	439	.4	28	9	1185	3.19	4	5	ND	5	26	2.4	2	2	35	1.47	.247	21	25	1.09	287	.14	7	4.13	.03	.16	1
1+50N 1+25E	1	11	691	493	.1	34	10	559	3.96	6	5	ND	5	20	1.0	2	2	37	.59	.176	20	26	.67	221	.13	6	4.00	.03	.16	1
1+50N 1+50E	1	14	149	386	.3	24	8	1540	3.41	2	5	ND	4	23	2.5	2	2	42	.72	.330	17	19	.36	243	.17	4	4.44	.03	.08	2
1+50N 1+75E	1	18	90	509	.1	37	12	412	3.33	4	5	ND	6	21	.9	2	2	39	.26	.204	18	28	.56	296	.12	4	3.67	.02	.12	1
1+50N 2+00E	1	15	53	319	.6	41	9	898	4.28	5	5	ND	7	25	2.1	2	2	49	1.50	.213	27	24	1.09	196	.16	7	4.26	.03	.11	3
1+50N 2+25E	1	9	31	335	.2	23	7	501	2.59	2	5	ND	4	21	2.0	2	2	30	.36	.255	11	16	.30	198	.18	3	4.55	.04	.06	1
1+50N 2+50E	1	21	84	370	.1	26	8	475	2.68	4	5	ND	4	24	1.2	2	2	30	.25	.263	14	16	.32	281	.14	3	3.99	.03	.07	1
1+50N 2+75E	1	14	96	407	.3	29	8	665	2.62	4	5	ND	4	24	1.2	2	2	29	.31	.328	13	17	.37	248	.14	4	3.63	.03	.11	1
1+50N 3+00E	1	10	80	362	.4	28	8	704	2.41	2	8	ND	4	20	1.5	2	2	28	.26	.252	11	14	.25	215	.13	4	3.94	.03	.10	1
1+50N 3+25E	1	17	81	394	.3	32	10	775	2.69	2	5	ND	5	33	.8	2	2	31	.20	.159	20	19	.35	812	.08	5	2.48	.02	.13	1
1+50N 3+50E	1	24	94	296	.4	28	9	252	2.75	2	5	ND	5	25	1.0	2	2	30	.27	.246	18	16	.34	257	.15	6	4.04	.03	.09	1
1+50N 3+75E	1	13	21	325	.5	25	7	633	1.86	2	5	ND	3	26	1.4	2	2	26	.24	.202	11	14	.18	335	.15	4	2.66	.03	.09	1
1+50N 4+00E	1	15	25	266	.2	48	11	488	1.98	2	5	ND	4	22	1.2	2	2	33	.23	.064	17	17	.39	403	.12	5	2.59	.03	.21	1
1+50N 4+25E	1	12	36	293	.3	26	8	1098	1.92	2	5	ND	3	23	1.3	2	2	31	.22	.126	13	16	.30	409	.11	4	2.10	.02	.16	1
1+50N 4+50E	1	10	149	446	.2	32	8	538	2.34	2	5	ND	3	23	1.1	2	2	32	.23	.115	13	16	.29	255	.14	5	2.60	.03	.14	1
1+50N 4+75E	1	12	75	341	.3	33	8	389	2.16	2	5	ND	4	25	1.2	2	2	31	.28	.190	11	15	.27	204	.15	5	2.97	.03	.11	1
1+50N 5+00E	1	17	161	392	.3	39	9	500	2.43	3	5	ND	4	27	1.3	3	2	36	.21	.154	14	18	.33	250	.12	5	2.71	.03	.14	1
1+50N 5+50E	1	15	33	464	.4	45	10	312	2.17	4	8	ND	4	23	1.7	2	2	49	.18	.148	10	17	.53	234	.14	5	2.82	.03	.12	1
1+50N 6+00E	2	17	45	207	.6	52	9	216	2.17	2	5	ND	4	20	.5	2	2	48	.23	.068	18	16	.33	262	.09	6	2.23	.02	.18	1
1+50N 6+50E	3	19	19	144	.4	49	7	416	1.66	10	6	ND	3	18	.6	4	3	39	.21	.103	12	11	.23	230	.08	5	1.56	.02	.14	1
1+50N 7+00E	2	26	203	431	.2	37	8	223	2.85	6	7	ND	6	21	.7	3	2	32	.21	.101	24	17	.51	193	.05	4	1.33	.01	.13	1
1+50N 7+35E	1	14	92	568	.2	40	9	597	2.46	6	5	ND	3	26	2.5	2	2	40	.23	.170	16	21	.47	229	.10	5	2.41	.02	.16	1
1+50N 7+50E	1	16	60	389	.3	32	8	489	2.26	5	5	ND	3	24	2.0	2	2	30	.20	.255	12	16	.28	206	.14	5	2.96	.03	.11	1
1+50N 8+00E	1	19	66	584	.4	40	9	499	2.39	7	5	ND	5	22	3.0	2	2	38	.22	.168	15	21	.36	275	.12	5	2.76	.03	.13	1
1+50N 8+50E	1	17	64	324	.7	35	9	568	2.64	5	5	ND	5	31	1.8	3	2	30	.23	.169	16	18	.40	244	.15	5	3.71	.03	.10	2
1+00N 9+00W	1	18	78	362	.2	27	11	244	3.29	8	5	ND	6	14	1.9	2	2	32	.20	.219	15	20	.38	144	.10	3	3.80	.02	.07	1
1+00N 8+50W	1	19	66	294	.4	26	11	551	3.18	2	5	ND	6	17	1.3	2	2	33	.23	.235	17	20	.34	233	.13	4	4.18	.03	.09	1
1+00N 8+00W	1	22	71	146	.3	20	8	380	2.47	8	5	ND	5	20	1.1	2	2	20	4.52	.093	18	16	3.30	98	.06	3	1.83	.01	.10	1
STANDARD C	19	64	39	132	7.4	70	34	1059	3.96	39	18	7	40	53	18.9	15	18	57	.47	.088	39	58	.88	176	.09	32	1.92	.07	.16	11

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
1+00N 7+50W	1	16	36	138	.3	25	9	394	2.54	6	5	ND	5	17	1.4	2	2	37	.17	.124	9	15	.29	196	.16	3	4.31	.03	.07	3
1+00N 7+00W	1	15	37	159	.4	21	8	658	2.25	5	5	ND	4	15	1.6	2	2	32	.16	.211	6	13	.19	163	.18	3	4.78	.03	.05	1
1+00N 6+50W	1	12	28	116	.3	18	8	528	2.26	4	5	ND	4	17	.8	2	2	30	.17	.204	9	16	.21	168	.13	5	3.44	.02	.06	1
1+00N 6+00W	1	15	29	148	.3	32	11	324	2.75	3	5	ND	7	15	1.3	2	2	31	.14	.134	15	25	.40	160	.10	6	3.18	.02	.10	1
1+00N 5+50W	1	12	53	213	.2	18	8	480	2.44	5	5	ND	4	16	1.3	2	2	29	.21	.254	11	15	.32	169	.14	4	3.56	.03	.09	1
1+00N 5+00W	1	15	50	290	.1	31	10	361	2.46	6	5	ND	5	21	1.3	2	2	28	.27	.172	14	22	.44	252	.12	5	3.22	.03	.13	1
1+00N 4+75W	1	15	35	251	.2	24	9	387	2.41	4	5	ND	4	17	1.1	2	3	30	.22	.167	16	17	.33	201	.14	3	3.28	.03	.11	1
1+00N 4+50W	1	11	46	247	.2	23	10	712	2.47	4	5	ND	4	19	1.1	2	2	29	.24	.175	10	17	.33	196	.14	5	3.13	.03	.11	1
1+00N 4+25W	1	9	36	259	.1	26	8	942	2.25	3	5	ND	4	19	1.0	2	2	28	.26	.099	12	18	.38	257	.13	5	2.71	.03	.13	1
1+00N 4+00W	1	8	51	361	.1	21	9	896	2.86	2	5	ND	4	17	2.3	2	2	34	.79	.104	16	22	.67	201	.12	4	3.16	.03	.12	1
1+00N 3+75W	1	14	42	297	.1	23	9	556	2.54	5	5	ND	4	23	1.4	2	2	30	.32	.136	14	18	.36	232	.16	2	3.76	.04	.12	4
1+00N 3+50W	1	9	70	575	.1	17	7	761	2.06	2	5	ND	3	21	1.3	2	2	25	.38	.179	10	13	.31	224	.13	6	2.54	.04	.12	2
1+00N 3+25W	1	10	107	408	.2	22	9	1446	2.77	3	5	ND	4	18	1.9	2	2	31	.59	.173	13	21	.55	350	.12	5	3.06	.03	.16	2
1+00N 3+00W	1	14	41	217	.2	23	9	577	2.78	2	5	ND	5	21	1.4	2	2	33	.25	.159	14	20	.44	217	.16	5	3.98	.04	.11	1
1+00N 2+75W	1	13	69	228	.2	25	10	671	3.01	4	5	ND	5	17	1.8	2	2	33	.45	.128	18	24	.61	238	.14	7	3.71	.03	.14	1
1+00N 2+50W	1	11	98	107	.2	9	5	387	1.88	3	5	ND	2	32	.5	2	2	21	1.18	.071	11	16	.69	116	.12	4	2.61	.07	.11	1
1+00N 2+25W	1	7	63	117	.3	7	3	1062	1.54	9	5	ND	1	17	.4	4	2	14	9.82	.109	9	4	5.08	105	.04	4	1.08	.02	.07	2
1+00N 2+00W	1	11	123	339	.2	22	8	403	2.77	2	5	ND	5	19	1.5	2	2	27	.35	.091	15	19	.47	217	.12	5	3.16	.03	.15	1
1+00N 1+75W	1	8	43	373	.2	13	6	1039	1.87	2	5	ND	2	20	.8	2	2	24	.30	.213	7	11	.22	238	.14	3	2.66	.04	.10	2
1+00N 1+50W	1	18	65	412	.1	25	10	413	3.10	3	5	ND	5	18	2.1	2	2	37	.24	.114	19	20	.49	236	.16	2	4.16	.03	.12	2
1+00N 1+25W	1	11	93	342	.3	22	9	1279	3.43	7	5	ND	4	17	2.8	2	2	44	.61	.137	15	23	.56	259	.14	6	3.47	.03	.13	1
1+00N 1+00W	1	10	64	254	.1	23	9	708	2.86	6	5	ND	4	11	1.0	2	2	28	.19	.040	17	23	.52	191	.08	2	2.25	.02	.11	1
1+00N 0+75W	1	12	57	277	.2	28	11	704	3.03	4	5	ND	5	16	1.6	2	2	34	.24	.057	15	25	.57	237	.10	5	3.03	.02	.18	2
1+00N 0+50W	1	13	56	262	.2	20	9	568	2.46	2	5	ND	4	18	1.2	2	2	29	.21	.077	12	15	.37	260	.14	5	3.20	.03	.10	1
1+00N 0+25W	1	17	68	302	.2	23	9	288	2.77	4	5	ND	6	18	1.7	2	2	31	.29	.078	16	21	.47	205	.14	4	3.30	.03	.10	1
1+00N 0+00	1	16	61	284	.1	23	9	802	2.80	3	5	ND	5	15	1.8	2	2	31	.17	.113	14	19	.40	205	.14	3	3.34	.03	.09	1
1+00N 0+25E	1	18	51	238	.4	22	9	275	2.61	4	5	ND	5	17	1.6	2	2	30	.21	.121	16	17	.36	206	.16	6	4.11	.03	.09	1
1+00N 0+50E	1	14	46	289	.3	24	10	313	2.62	3	5	ND	5	15	1.6	2	2	34	.20	.129	14	21	.39	200	.14	4	3.59	.03	.12	1
1+00N 0+75E	1	22	75	270	.2	33	12	348	3.24	7	5	ND	7	18	1.9	2	2	34	.24	.099	22	26	.59	257	.11	3	3.33	.03	.16	1
1+00N 1+00E	1	14	42	306	.2	20	8	264	2.51	2	5	ND	4	21	2.3	2	2	28	.37	.216	15	16	.37	198	.18	4	4.21	.04	.09	2
1+00N 1+25E	1	22	55	244	.2	25	10	225	2.86	4	5	ND	6	16	1.8	2	2	35	.21	.120	17	22	.49	208	.13	2	3.63	.03	.11	1
1+00N 1+50E	1	14	120	354	.1	20	8	407	2.58	4	5	ND	4	19	1.6	2	2	30	.24	.243	12	13	.32	235	.14	3	3.54	.03	.08	2
1+00N 1+75E	1	20	69	301	.3	24	9	579	2.56	5	5	ND	5	16	1.5	2	3	35	.16	.119	18	18	.40	189	.14	2	3.38	.03	.09	2
1+00N 2+00E	1	13	57	314	.2	25	8	508	2.35	4	5	ND	4	18	1.6	2	2	31	.24	.233	10	14	.34	174	.13	4	3.43	.02	.10	2
1+00N 2+25E	1	11	33	199	.2	18	7	610	2.30	2	5	ND	4	19	1.2	2	2	30	.30	.234	12	14	.27	170	.17	5	3.91	.04	.09	1
1+00N 2+50E	1	15	78	323	.1	25	9	316	2.74	4	5	ND	5	17	2.0	2	2	33	.33	.220	12	18	.42	201	.15	4	3.86	.03	.11	2
STANDARD C	18	62	45	132	7.2	71	31	1066	3.93	42	16	6	37	52	18.3	14	21	56	.49	.090	38	57	.89	176	.09	32	1.89	.06	.15	11

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
1+00N 2+75E	1	9	74	363	.1	26	10	508	2.69	5	5	ND	5	12	1.4	3	2	31	.18	.244	14	21	.40	175	.09	4	2.59	.02	.10	2
1+00N 3+00E	2	13	61	274	.2	29	10	458	2.72	2	5	ND	5	16	1.5	2	2	35	.21	.133	13	22	.46	238	.11	5	3.50	.02	.11	1
1+00N 3+25E	2	15	51	364	.2	30	10	320	2.86	3	5	ND	5	18	2.2	3	2	37	.28	.324	11	19	.41	218	.14	6	4.37	.03	.11	1
1+00N 3+50E	1	10	57	297	.1	30	10	468	2.77	3	5	ND	4	17	1.8	2	2	37	.33	.215	10	19	.36	206	.13	5	3.78	.02	.09	1
1+00N 3+75E	2	14	23	313	.7	43	10	432	2.23	2	5	ND	4	19	1.8	2	2	34	.20	.178	11	16	.41	266	.12	6	3.17	.02	.10	1
1+00N 4+00E	2	13	33	284	.6	35	9	453	2.43	2	5	ND	4	20	1.7	2	2	40	.24	.201	11	15	.47	316	.13	5	3.08	.03	.12	1
1+00N 4+25E	1	16	38	353	.3	36	9	481	2.30	3	5	ND	4	21	1.6	2	2	47	.29	.132	13	16	.36	258	.14	5	3.31	.03	.12	1
1+00N 4+50E	1	13	54	321	.3	35	8	773	2.27	5	5	ND	3	20	1.6	2	2	43	.31	.208	11	18	.43	224	.13	6	2.98	.03	.16	1
1+00N 4+75E	2	11	37	297	.3	31	9	432	2.14	4	5	ND	3	21	1.5	2	2	43	.30	.164	11	18	.48	245	.11	3	2.31	.02	.14	1
1+00N 5+00E	2	14	45	296	.4	36	9	556	2.01	4	5	ND	4	17	1.1	2	2	47	.17	.177	11	16	.47	257	.10	6	2.18	.02	.15	1
1+00N 5+50E	1	16	16	243	.9	32	7	511	1.75	2	5	ND	3	25	1.1	2	2	28	.25	.194	13	14	.32	235	.12	6	2.77	.03	.10	1
1+00N 6+00E	3	15	23	240	.3	48	8	356	1.83	7	5	ND	3	21	1.3	2	2	42	.20	.160	12	13	.31	213	.11	6	2.45	.03	.14	1
1+00N 6+50E	2	13	35	391	.3	33	7	423	1.75	4	5	ND	3	30	1.5	2	2	27	.31	.575	8	6	.22	426	.14	6	2.94	.04	.10	1
1+00N 7+00E	2	15	166	577	.1	39	9	770	2.78	6	5	ND	5	21	2.3	2	2	40	.24	.282	16	18	.42	272	.11	6	2.62	.02	.15	3
1+00N 7+50E	2	10	99	549	.1	39	10	381	2.42	4	5	ND	6	16	2.4	2	2	44	.16	.092	18	23	.58	208	.08	3	2.08	.01	.14	2
1+00N 8+00E	2	15	60	400	.3	40	10	794	2.29	5	5	ND	4	30	2.6	2	2	32	.41	.122	16	15	.56	279	.08	7	2.26	.03	.17	1
1+00N 8+50E	2	21	210	456	.2	41	12	470	3.03	5	5	ND	6	24	2.6	2	2	41	.21	.172	19	20	.55	292	.12	6	3.26	.02	.15	2
1+00N 9+00E	1	15	150	301	.2	41	11	609	2.89	2	5	ND	5	19	1.8	2	2	38	.19	.085	18	21	.62	256	.12	6	3.13	.02	.16	1
1+00N 9+50E	1	16	110	308	.5	31	9	478	2.58	5	5	ND	5	20	2.1	2	2	36	.22	.171	14	18	.39	222	.15	5	3.41	.03	.13	1
1+00N 10+00E	2	10	63	333	.2	30	11	620	2.76	2	5	ND	5	14	1.6	2	2	40	.15	.171	15	24	.57	275	.11	4	2.79	.02	.12	2
0+50N 9+50W	1	19	66	5152	.5	22	7	282	2.22	5	5	ND	4	19	3.1	2	2	27	.52	.145	15	21	.40	210	.13	4	3.48	.04	.08	29
0+50N 9+00W	1	13	26	244	.1	26	10	368	2.47	3	5	ND	4	12	1.1	2	2	33	.20	.054	22	24	.55	118	.04	4	1.63	.01	.09	1
0+50N 8+50W	1	10	38	340	.1	25	11	205	3.02	4	5	ND	6	13	1.6	2	2	40	.18	.097	22	24	.58	208	.03	2	2.16	.01	.08	2
0+50N 8+00W	1	12	32	240	.1	23	9	502	2.61	7	5	ND	4	12	1.2	2	2	32	.13	.250	7	17	.24	106	.14	3	4.77	.02	.06	1
0+50N 7+50W	1	13	35	143	.1	29	12	418	2.92	2	5	ND	6	14	1.7	2	2	31	.18	.085	18	22	.41	194	.10	5	3.21	.02	.10	1
0+50N 7+00W	1	16	37	138	.1	34	12	479	2.92	9	5	ND	5	17	1.4	2	2	34	.16	.124	16	23	.48	168	.13	2	3.42	.02	.12	1
0+50N 6+50W	1	14	26	219	.3	28	9	1303	2.32	6	5	ND	4	14	1.6	2	2	32	.13	.242	11	16	.29	206	.14	6	3.73	.03	.08	1
0+50N 6+00W	1	19	23	142	.2	31	9	379	2.29	5	5	ND	5	14	1.0	2	2	32	.14	.116	10	17	.37	144	.11	5	2.97	.02	.08	1
0+50N 5+50W	1	10	23	172	.1	27	9	1241	2.30	2	5	ND	4	16	.8	2	2	29	.14	.202	11	20	.26	177	.14	6	3.16	.03	.09	1
0+50N 5+00W	1	12	25	173	.1	24	8	612	2.26	7	5	ND	4	13	.8	2	2	33	.13	.174	9	16	.25	143	.15	4	3.08	.03	.09	1
0+50N 4+75W	1	10	27	128	.2	24	7	280	2.08	5	5	ND	4	19	.9	3	2	27	.19	.113	8	12	.23	149	.18	6	4.03	.04	.06	1
0+50N 4+50W	1	11	25	184	.2	22	8	641	2.17	8	5	ND	3	13	.8	2	2	29	.12	.235	8	15	.19	185	.15	2	3.35	.03	.07	1
0+50N 4+25W	1	12	20	141	.1	26	10	692	2.47	5	5	ND	4	16	1.5	2	3	31	.17	.154	11	17	.33	183	.14	5	3.16	.03	.10	2
0+50N 4+00W	2	11	22	184	.1	19	7	470	2.06	3	5	ND	3	14	.7	2	2	30	.15	.157	10	12	.22	177	.16	4	3.15	.03	.07	1
0+50N 3+75W	1	14	19	149	.1	16	7	396	2.01	3	5	ND	3	16	.8	4	3	27	.13	.165	9	12	.16	141	.19	3	4.38	.04	.06	2
0+50N 3+50W	1	18	54	237	.1	20	8	306	2.63	5	5	ND	4	20	1.8	2	2	28	.23	.152	13	14	.34	204	.16	6	3.90	.04	.10	1
STANDARD C	20	62	38	138	7.3	73	32	1072	4.03	40	17	6	36	52	18.4	14	21	56	.49	.091	38	59	.90	179	.09	35	1.92	.06	.15	11

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
0+50N 3+25W	2	17	76	530	.1	31	11	578	4.23	12	5	ND	5	16	2.1	2	3	39	.19	.087	13	23	.49	253	.14	3	4.14	.03	.13	4
0+50N 3+00W	2	13	36	280	.1	34	12	406	3.31	7	5	ND	5	13	1.4	2	2	38	.19	.128	13	26	.57	278	.12	4	4.03	.02	.15	1
0+50N 2+75W	2	16	70	269	.1	28	10	346	3.30	7	5	ND	5	15	1.5	2	3	36	.21	.129	13	21	.51	238	.15	3	4.27	.03	.12	3
0+50N 2+50W	1	12	61	334	.1	26	10	1022	3.00	4	5	ND	4	16	2.3	2	3	34	.22	.192	10	20	.40	249	.14	2	3.36	.03	.10	1
0+50N 2+25W	2	19	71	229	.1	30	11	649	3.32	6	5	ND	6	16	1.8	2	2	36	.25	.114	14	22	.53	255	.14	4	4.02	.03	.13	1
0+50N 2+00W	2	19	75	257	.1	35	13	522	3.50	8	5	ND	6	15	1.8	2	3	38	.22	.115	13	24	.61	451	.12	3	3.84	.02	.16	2
0+50N 1+75W	1	16	78	281	.1	30	11	950	3.12	7	5	ND	4	17	2.5	2	3	33	1.50	.124	15	26	1.25	218	.10	7	2.93	.02	.17	1
0+50N 1+50W	2	12	53	216	.2	26	11	403	2.85	4	5	ND	4	13	1.6	2	2	34	.17	.120	10	21	.40	209	.14	4	3.71	.03	.11	1
0+50N 1+25W	1	14	36	158	.1	23	8	549	2.41	4	5	ND	4	15	1.2	2	2	29	.16	.117	13	18	.30	160	.14	2	3.37	.02	.08	1
0+50N 1+00W	2	14	58	190	.1	23	9	988	2.58	7	5	ND	4	17	1.3	2	3	31	.24	.121	11	18	.37	217	.13	5	3.14	.03	.10	1
0+50N 0+75W	2	11	37	213	.1	22	8	1046	2.42	7	5	ND	4	15	1.3	2	2	30	.16	.295	7	13	.25	204	.15	5	3.71	.02	.08	1
0+50N 0+50W	1	12	27	198	.2	25	9	576	2.56	8	5	ND	4	13	1.4	2	2	33	.16	.202	11	15	.32	187	.12	2	3.13	.02	.08	2
0+50N 0+25W	2	24	32	156	.2	31	11	340	2.64	10	5	ND	6	13	1.2	2	2	31	.14	.099	14	18	.48	178	.09	2	2.45	.02	.08	1
0+50N 0+00	2	16	36	203	.2	29	10	1305	2.70	9	5	ND	4	17	2.0	2	2	35	.18	.216	10	16	.35	200	.13	3	3.38	.02	.08	1
0+50N 0+25E	2	17	24	183	.1	33	10	716	2.50	9	5	ND	5	11	1.0	2	2	31	.11	.134	17	19	.50	173	.05	2	2.04	.01	.09	1
0+50N 0+50E	2	9	20	201	.2	27	8	1256	2.20	8	5	ND	4	14	1.3	2	3	31	.15	.146	11	16	.32	223	.11	4	2.89	.02	.07	1
0+50N 0+75E	2	12	29	179	.1	29	9	612	2.31	7	5	ND	4	10	.8	2	2	33	.10	.134	15	21	.46	186	.05	2	1.88	.01	.08	1
0+50N 1+00E	2	17	17	182	.3	30	10	761	2.38	9	5	ND	4	11	1.2	2	2	31	.10	.161	12	18	.42	164	.08	2	2.75	.01	.07	1
0+50N 1+25E	2	10	19	216	.2	22	7	1665	2.07	5	5	ND	3	15	1.4	2	2	31	.15	.186	8	11	.23	210	.14	4	2.93	.02	.07	1
0+50N 1+50E	2	16	20	159	.6	25	8	316	2.28	11	5	ND	4	13	1.5	2	2	31	.12	.164	14	14	.27	155	.14	2	4.29	.02	.05	2
0+50N 1+75E	2	23	17	150	.4	28	9	678	2.35	8	5	ND	5	17	1.6	2	2	30	.21	.176	9	15	.32	155	.14	4	4.37	.03	.07	1
0+50N 2+00E	2	11	24	225	.5	19	8	955	2.45	9	5	ND	3	18	1.7	2	2	36	.18	.259	7	11	.20	207	.16	2	3.67	.02	.07	1
0+50N 2+25E	2	16	27	196	.4	27	9	590	2.62	11	5	ND	4	14	1.4	2	2	32	.17	.219	8	14	.26	155	.16	4	4.55	.02	.07	1
0+50N 2+50E	2	13	49	236	.3	22	10	600	2.86	11	5	ND	5	9	1.8	2	2	35	.08	.366	9	19	.30	154	.13	2	3.66	.02	.07	2
0+50N 2+75E	2	16	33	195	.4	26	10	196	2.99	11	5	ND	5	11	1.8	2	2	37	.11	.191	9	18	.36	157	.14	3	4.43	.02	.08	2
0+50N 3+00E	2	13	50	243	.2	29	10	338	3.02	11	5	ND	4	18	1.3	2	2	39	.33	.118	13	21	.51	197	.08	3	2.99	.02	.09	1
0+50N 3+25E	3	10	44	187	.3	22	8	291	2.53	4	5	ND	4	17	1.2	2	2	32	.25	.084	11	18	.37	198	.12	4	3.31	.03	.07	1
0+50N 3+50E	2	10	32	180	.2	22	9	482	2.58	4	5	ND	4	16	1.7	2	2	35	.19	.096	11	18	.33	200	.13	2	3.43	.03	.08	1
0+50N 3+75E	2	11	35	400	.3	31	11	693	2.74	7	5	ND	4	17	1.7	2	5	40	.23	.193	11	18	.48	275	.12	5	3.12	.02	.13	2
0+50N 4+00E	2	14	41	314	.5	33	9	314	2.57	7	5	ND	4	17	1.7	2	2	43	.21	.112	13	19	.45	218	.15	4	3.47	.03	.11	1
0+50N 4+25E	2	15	26	308	.4	39	9	536	2.30	6	5	ND	4	21	1.8	2	2	41	.32	.204	10	16	.46	252	.12	3	2.75	.02	.16	2
0+50N 4+50E	2	14	30	332	.4	40	10	426	2.28	6	5	ND	4	18	1.7	2	2	49	.26	.118	11	18	.53	257	.13	3	2.68	.02	.18	1
0+50N 4+75E	2	10	31	294	.3	29	8	789	1.95	4	5	ND	3	18	1.4	2	2	37	.22	.224	10	12	.43	349	.11	3	2.32	.02	.15	2
0+50N 5+00E	2	14	28	233	.5	29	8	346	2.17	6	5	ND	4	17	1.6	2	4	32	.16	.244	10	15	.31	178	.17	3	3.85	.03	.10	1
0+50N 5+50E	2	15	21	234	.3	36	8	551	2.08	5	5	ND	4	23	1.1	2	2	36	.20	.201	10	17	.48	190	.13	3	2.68	.03	.15	1
0+50N 6+00E	2	14	20	218	.4	39	8	268	1.93	3	5	ND	4	18	.8	2	3	35	.21	.126	15	16	.39	202	.12	5	2.49	.03	.13	1
STANDARD C	20	63	41	134	7.3	73	31	1109	4.03	38	18	6	37	52	18.4	19	23	57	.49	.094	38	59	.92	179	.09	32	1.92	.06	.15	12

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
0+50N 6+50E	1	21	83	282	.4	38	10	239	2.41	5	5	ND	5	17	1.0	3	2	38	.22	.169	20	18	.47	210	.11	2	2.96	.02	.12	1
0+50N 7+00E	1	9	108	380	.1	23	8	734	2.07	3	5	ND	3	16	.3	3	2	34	.19	.130	11	14	.32	261	.10	2	1.99	.02	.10	1
0+50N 7+50E	1	16	95	497	.3	41	13	478	2.73	4	5	ND	5	25	2.6	2	2	51	.31	.098	20	21	.64	269	.09	3	2.57	.02	.16	1
0+50N 8+00E	1	20	148	433	.5	38	11	297	2.85	4	5	ND	5	20	2.9	2	2	45	.19	.128	17	20	.53	254	.10	2	3.01	.02	.14	2
0+50N 8+50E	1	10	104	355	.2	24	8	815	2.09	5	5	ND	4	21	.8	2	2	32	.19	.194	11	12	.31	299	.12	2	2.41	.02	.12	2
0+50N 9+00E	1	10	94	331	.3	23	9	1252	2.17	3	5	ND	2	17	.8	2	2	33	.22	.192	14	12	.37	379	.08	4	2.05	.01	.13	1
0+50N 9+50E	1	17	63	198	.1	26	10	566	2.50	2	5	ND	4	20	.9	2	2	34	.24	.186	18	22	.41	179	.14	2	3.37	.02	.14	1
0+50N 10+00E	1	21	29	164	.3	27	10	238	2.58	5	5	ND	4	24	.4	4	2	31	.18	.116	15	22	.33	148	.16	2	4.29	.04	.10	1
0+50N 1+25E-A	1	10	21	197	.4	13	6	1109	1.88	3	5	ND	2	14	.6	2	2	28	.11	.524	5	10	.14	204	.14	2	3.45	.02	.05	1
0+50N 1+50E-A	1	11	29	188	.3	16	7	859	1.98	6	5	ND	2	13	.5	2	3	29	.12	.210	5	9	.14	154	.15	2	3.88	.02	.05	1
0+50N 1+75E-A	1	21	59	207	.3	24	10	532	2.70	3	5	ND	5	14	.8	2	3	33	.17	.161	12	20	.37	163	.13	3	3.49	.02	.09	1
0+50N 2+00E-A	1	18	76	307	.3	24	9	457	2.61	4	5	ND	5	12	.6	2	2	34	.14	.290	10	15	.34	228	.14	2	3.88	.02	.07	1
0+50N 2+25E-A	1	10	41	283	.1	16	8	1416	2.22	3	5	ND	3	14	.5	2	2	28	.23	.212	8	11	.22	257	.13	2	2.69	.02	.08	1
0+50N 2+50E-A	1	9	62	249	.1	23	9	639	2.62	7	5	ND	4	13	.4	2	2	30	.17	.176	11	18	.36	199	.11	2	2.89	.02	.09	1
0+50N 2+75E-A	1	12	50	232	.1	18	9	1041	2.70	4	5	ND	3	13	.7	2	2	33	.16	.179	11	16	.28	216	.13	2	3.52	.02	.08	1
0+50N 3+00E-A	1	9	67	244	.2	21	9	547	2.51	4	5	ND	3	14	.2	2	2	31	.18	.192	11	19	.30	186	.12	2	3.02	.02	.08	1
0+50N 3+25E-A	1	14	49	272	.2	27	9	748	2.60	3	5	ND	4	15	.5	2	2	32	.17	.215	12	18	.40	211	.11	2	2.92	.02	.10	1
0+50N 3+50E-A	1	12	51	286	.3	33	10	421	2.76	5	5	ND	4	15	.6	2	2	35	.20	.182	12	20	.38	247	.13	2	3.53	.02	.09	1
0+50N 3+75E-A	1	13	24	329	.4	33	8	502	2.14	3	5	ND	4	24	1.0	2	2	32	.38	.213	9	13	.36	340	.12	3	2.73	.02	.11	1
0+50N 4+00E-A	1	18	46	298	.3	32	9	424	2.26	2	5	ND	4	18	1.0	2	2	38	.21	.141	12	16	.46	274	.11	2	2.45	.02	.13	1
0+50N 4+25E-A	1	15	32	318	.5	31	8	460	2.17	4	5	ND	3	17	.9	2	2	40	.20	.161	12	15	.38	261	.14	3	3.17	.03	.13	1
0+50N 4+50E-A	1	16	39	322	.2	44	9	330	2.28	2	5	ND	4	17	.9	2	2	43	.25	.115	13	17	.51	195	.12	2	3.26	.02	.15	1
0+50N 4+75E-A	1	15	38	307	.4	39	9	553	2.21	5	5	ND	7	19	.8	2	3	39	.27	.210	12	16	.52	242	.11	2	2.64	.02	.14	1
0+50N 5+00E-A	1	13	35	253	.5	28	8	328	2.05	6	5	ND	3	17	1.0	2	2	36	.19	.288	10	14	.36	237	.14	2	2.85	.02	.11	1
0+50N 5+50E-A	1	10	41	376	.3	40	8	612	1.84	4	5	ND	3	21	.5	2	2	47	.19	.140	10	17	.44	236	.10	3	2.09	.02	.14	2
0+50N 6+50E-A	2	20	89	290	.5	51	8	213	1.95	3	5	ND	3	21	.4	2	2	46	.25	.120	12	16	.34	182	.11	3	2.17	.02	.12	1
0+50N 7+00E-A	1	16	136	417	.3	39	9	369	2.48	5	5	ND	4	20	1.0	2	2	33	.20	.210	14	14	.40	232	.11	3	2.49	.02	.13	2
0+50N 7+50E-A	1	15	136	385	.3	37	10	532	2.57	4	5	ND	5	20	1.0	2	2	36	.23	.151	18	18	.46	234	.07	3	1.91	.01	.14	1
0+50N 9+50E-A	1	14	74	323	.3	32	8	361	2.46	2	5	ND	4	20	1.1	2	2	32	.23	.215	13	18	.40	202	.14	3	3.26	.03	.10	1
0+50N 10+00E-A	1	23	74	343	.3	36	10	495	2.62	3	5	ND	6	19	1.2	2	3	36	.22	.212	21	22	.41	153	.13	2	3.40	.03	.13	1
LO 10+00W	1	15	45	317	.6	27	11	370	2.84	5	5	ND	5	13	.5	2	2	36	.16	.122	17	27	.47	130	.11	2	2.86	.01	.11	2
LO 9+00W	1	13	18	442	.4	19	9	215	2.45	2	5	ND	4	13	.3	2	2	29	.16	.117	11	13	.25	172	.16	3	4.11	.03	.08	1
LO 8+50W	1	11	21	589	.2	24	9	252	2.62	4	5	ND	4	14	.8	2	2	31	.22	.150	9	15	.31	148	.13	2	3.45	.02	.06	2
LO 8+00W	1	9	33	418	.3	20	8	320	2.62	3	5	ND	4	13	.5	2	4	32	.27	.237	12	18	.32	194	.11	2	2.89	.02	.08	1
LO 7+50W	1	11	42	234	.5	25	11	532	2.86	2	5	ND	4	12	.9	2	2	36	.24	.085	16	21	.41	167	.09	2	2.93	.02	.08	1
LO 7+00W	1	22	64	244	.3	27	10	1089	2.71	6	5	ND	3	18	1.0	2	2	23	1.20	.129	20	20	.98	151	.04	3	1.97	.01	.11	1
STANDARD C	18	59	42	132	7.0	71	33	1041	3.91	38	17	6	37	52	18.8	16	19	54	.48	.090	36	58	.86	175	.09	34	1.85	.06	.15	13

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
L0 6+50W	1	10	43	271	.2	16	9	253	2.67	6	5	ND	4	14	1.7	2	2	27	.27	.367	8	15	.30	196	.11	3	3.58	.02	.07	1
L0 6+00W	1	18	34	196	.4	22	10	1645	2.70	9	5	ND	3	19	1.8	2	2	29	1.02	.151	15	21	.75	266	.09	5	2.44	.02	.11	1
L0 5+50W	1	14	80	411	.2	28	11	846	3.19	9	5	ND	5	19	2.7	2	2	34	.45	.215	18	25	.59	229	.09	4	2.90	.03	.16	1
L0 5+00W	1	24	26	173	.3	29	12	497	2.94	2	5	ND	7	16	2.0	2	2	31	.50	.119	23	22	.80	184	.06	6	2.34	.02	.15	1
L0 4+75W	1	23	30	142	.1	31	12	527	2.84	7	5	ND	6	22	1.4	2	2	33	.34	.050	24	28	.64	160	.07	3	1.92	.02	.15	1
L0 4+50W	1	25	42	185	.2	30	11	527	2.81	8	5	ND	6	19	1.4	2	2	33	.30	.083	20	22	.55	167	.09	5	2.33	.02	.12	1
L0 4+25W	2	27	29	164	.3	31	12	435	2.80	8	5	ND	6	20	1.4	2	3	32	.29	.080	23	22	.55	158	.09	2	2.27	.02	.12	1
L0 4+00W	1	22	37	183	.2	30	10	577	2.60	6	5	ND	5	19	1.5	2	2	33	.17	.102	14	18	.45	204	.12	5	2.71	.03	.13	1
L0 3+75W	1	17	39	191	.1	28	10	642	2.43	8	5	ND	3	18	1.4	2	6	35	.16	.097	11	18	.39	226	.12	2	2.65	.03	.10	1
L0 3+50W	1	9	23	198	.1	21	9	386	2.15	9	5	ND	3	15	.8	2	2	33	.15	.116	7	16	.24	152	.14	3	2.53	.03	.08	1
L0 3+25W	1	15	24	139	.4	22	7	445	2.28	5	5	ND	4	16	1.2	2	2	30	.15	.231	9	11	.24	190	.16	4	3.89	.03	.06	1
L0 3+00W	1	17	34	181	.4	25	10	467	2.59	8	5	ND	5	13	1.5	2	2	34	.15	.156	10	18	.37	166	.12	4	3.23	.02	.08	1
L0 2+75W	1	14	30	176	.2	27	10	445	2.77	6	5	ND	4	14	1.6	2	2	36	.18	.156	9	17	.36	203	.14	3	3.61	.02	.08	1
L0 2+50W	1	16	52	191	.3	26	12	393	2.85	4	5	ND	5	14	1.7	3	2	37	.17	.173	12	22	.43	209	.13	3	3.53	.02	.11	1
L0 2+25W	1	18	108	248	.2	29	11	1184	2.89	11	5	ND	5	17	2.0	2	2	35	.29	.127	15	23	.49	193	.11	5	2.72	.02	.15	1
L0 2+00W	1	18	66	162	.2	33	12	210	2.85	4	5	ND	5	14	1.3	2	2	35	.19	.116	12	23	.49	207	.11	2	3.11	.02	.12	1
L0 1+75W	1	19	28	162	.3	31	9	360	2.64	6	5	ND	5	17	1.5	2	2	33	.19	.157	9	16	.37	163	.15	4	3.48	.02	.09	1
L0 1+50W	1	15	43	228	.3	22	9	986	2.36	5	5	ND	4	14	1.8	2	2	32	.17	.198	10	14	.27	169	.13	3	3.09	.02	.07	1
L0 1+25W	1	16	34	203	.2	27	10	642	2.64	3	5	ND	5	14	1.6	2	2	34	.17	.131	12	19	.40	201	.12	4	2.97	.02	.10	1
L0 1+00W	1	9	46	195	.1	15	8	717	2.29	8	5	ND	4	13	.7	3	2	35	.17	.157	11	16	.28	178	.09	4	1.79	.02	.10	1
L0 0+75W	1	15	69	226	.2	30	12	647	3.32	6	5	ND	6	14	2.1	2	2	37	.25	.165	20	25	.55	195	.10	5	3.02	.02	.13	1
L0 0+50W	1	20	60	204	.3	18	8	431	2.20	6	5	ND	2	48	1.6	5	2	19	7.10	.120	14	14	3.50	84	.03	3	1.20	.01	.11	1
L0 0+25W	1	23	45	253	.3	26	11	231	2.91	7	5	ND	6	18	2.0	2	2	35	.23	.080	18	21	.53	175	.11	3	2.96	.03	.12	1
L0 0+00	1	16	50	184	.5	28	11	338	3.07	5	5	ND	6	20	2.1	3	2	29	.29	.154	21	20	.39	160	.11	2	3.12	.02	.08	1
L0 0+25E	1	11	28	181	.4	21	9	201	2.36	5	5	ND	4	11	1.1	2	2	30	.20	.203	7	14	.29	144	.12	3	3.40	.02	.06	1
L0 0+50E	1	13	34	221	.4	23	10	449	2.52	8	5	ND	4	15	1.3	2	2	32	.16	.324	9	14	.30	236	.14	4	3.49	.02	.08	1
L0 0+75E	1	19	41	181	.2	30	12	272	3.01	9	5	ND	5	15	1.7	2	2	35	.15	.119	12	21	.43	271	.12	2	3.50	.02	.10	1
L0 1+00E	1	14	34	151	.4	24	9	277	2.84	7	5	ND	4	11	1.6	2	2	36	.11	.130	11	19	.35	185	.13	3	3.39	.02	.09	1
L0 1+25E	1	15	23	156	.3	22	8	362	2.21	5	5	ND	5	19	.8	2	2	29	.27	.125	7	13	.30	155	.13	3	3.52	.02	.07	1
L0 1+50E	1	10	25	203	.4	16	10	520	2.31	5	5	ND	4	8	.7	2	2	36	.08	.161	9	15	.26	139	.11	3	2.23	.02	.07	1
L0 1+75E	1	14	24	163	.3	23	9	258	2.49	3	5	ND	4	13	1.3	2	2	35	.12	.086	11	15	.33	187	.13	4	3.11	.02	.08	1
L0 2+00E	1	11	22	197	.4	21	8	984	2.17	5	5	ND	3	15	1.0	2	2	34	.13	.151	10	13	.27	217	.13	2	2.75	.02	.08	1
L0 2+25E	1	13	17	208	.3	24	9	345	2.41	3	5	ND	4	14	1.5	2	2	33	.17	.185	9	11	.28	232	.13	2	3.39	.02	.08	1
L0 2+50E	2	11	30	242	.4	20	11	606	2.39	8	5	ND	4	12	1.1	2	2	36	.11	.252	9	15	.29	184	.12	3	2.67	.02	.08	1
L0 2+75E	1	20	19	185	.4	27	9	285	2.36	5	5	ND	5	13	1.5	2	2	30	.12	.152	11	14	.37	189	.10	2	2.73	.02	.07	1
L0 3+00E	1	14	13	198	.4	21	7	951	1.89	3	5	ND	3	18	.9	2	2	26	.18	.271	9	11	.20	194	.12	2	2.83	.02	.06	1
STANDARD C	19	60	37	132	7.1	71	32	1065	3.94	38	19	6	36	54	18.4	16	22	56	.49	.090	37	59	.88	176	.09	33	1.90	.06	.15	12

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
L0 3+25E	1	12	22	175	.1	16	6	1186	1.78	5	5	ND	3	20	.7	2	2	28	.19	.297	9	7	.16	217	.16	2	3.77	.03	.06	1
L0 3+50E	1	9	23	222	.3	13	6	1152	1.96	5	5	ND	3	17	.2	2	2	32	.18	.499	7	10	.15	208	.14	2	3.09	.02	.06	1
L0 3+75E	2	21	26	245	.4	26	9	728	2.40	3	5	ND	4	21	1.1	2	2	34	.21	.276	10	12	.28	248	.16	5	4.39	.03	.07	1
L0 4+00E	1	13	42	195	.3	27	10	502	2.70	4	5	ND	5	26	.7	2	2	42	.46	.039	16	22	.57	195	.12	4	3.44	.04	.10	1
L0 4+25E	1	12	69	304	.1	26	12	566	3.06	8	5	ND	4	22	.2	2	2	40	.37	.158	13	21	.46	181	.12	3	3.36	.03	.11	1
L0 4+50E	1	10	48	230	.1	25	10	535	3.20	5	5	ND	4	17	.3	2	2	42	.29	.229	10	20	.40	182	.14	3	4.12	.02	.10	1
L0 4+75E	1	16	66	270	.2	26	10	978	2.82	5	5	ND	5	18	.8	2	2	35	.32	.127	22	18	.48	251	.11	6	2.87	.03	.12	1
L0 5+00E	1	19	56	233	.3	24	10	342	2.71	2	5	ND	4	20	.7	2	2	35	.31	.085	18	18	.45	196	.13	3	3.46	.03	.11	1
L0 5+50E	1	14	50	189	.2	24	9	628	2.65	2	5	ND	5	19	.2	2	2	34	.23	.117	11	16	.33	230	.13	5	3.58	.03	.09	1
L0 6+00E	1	16	48	292	.2	29	10	473	2.67	3	5	ND	4	19	.7	2	2	40	.24	.169	13	16	.45	274	.13	3	3.03	.03	.13	1
L0 6+50E	1	19	40	267	.3	37	11	400	3.07	5	5	ND	5	20	1.3	2	2	47	.27	.184	15	18	.62	237	.14	3	3.58	.03	.15	1
L0 7+00E	1	17	72	255	.1	33	10	386	2.70	4	5	ND	5	20	.7	2	2	45	.27	.136	15	19	.49	218	.12	3	3.17	.03	.15	1
L0 7+50E	1	17	86	576	.3	44	11	545	2.71	5	5	ND	6	26	1.9	2	2	41	.32	.158	16	17	.48	292	.12	6	3.33	.03	.15	1
L0 8+00E	1	37	54	238	.4	38	12	447	3.27	5	5	ND	7	28	.8	2	2	39	.25	.084	35	19	.74	301	.12	5	3.74	.03	.15	1
L0 8+50E	1	18	90	283	.2	26	9	449	2.48	3	5	ND	5	20	.8	2	3	37	.20	.192	14	18	.38	197	.15	4	3.38	.03	.11	1
L0 9+00E	1	17	49	281	.6	34	11	648	3.02	2	5	ND	5	31	.8	2	2	42	.35	.122	16	22	.42	208	.17	4	4.59	.04	.14	1
L0 9+50E	1	19	67	247	.4	37	11	421	3.10	3	5	ND	5	18	.2	2	2	42	.17	.128	13	22	.52	234	.16	4	4.30	.03	.14	1
L0 10+00E	1	18	45	212	.2	35	12	478	2.94	5	5	ND	6	28	.2	2	2	38	.27	.090	18	25	.63	199	.13	6	3.37	.03	.14	1
0+50S 10+00W	1	13	28	177	.1	27	13	220	3.32	2	5	ND	7	14	.2	2	3	30	.15	.080	14	28	.46	125	.10	2	3.58	.02	.07	1
0+50S 9+50W	1	11	82	381	.1	15	7	693	2.80	2	5	ND	4	20	.6	2	2	28	1.52	.345	17	17	.78	166	.16	5	3.83	.04	.08	1
0+50S 9+00W	1	11	184	340	.2	16	7	589	2.93	2	5	ND	3	26	.2	3	2	28	2.21	.103	15	18	1.32	185	.15	9	3.38	.05	.10	1
0+50S 8+50W	1	11	321	904	.2	22	10	500	4.70	2	5	ND	5	24	.7	2	2	36	.63	.197	18	21	.45	193	.17	6	4.67	.04	.09	2
0+50S 8+00W	1	8	163	683	.1	16	7	398	2.90	4	5	ND	3	21	.9	2	2	29	.85	.276	12	16	.47	215	.15	7	3.33	.04	.09	1
0+50S 7+50W	1	12	41	753	.1	18	7	320	2.49	2	5	ND	4	22	.6	2	2	28	.45	.117	17	15	.28	183	.16	6	3.94	.05	.09	2
0+50S 7+25W	1	15	41	1850	.3	13	6	562	2.16	2	5	ND	3	29	1.4	2	2	22	1.40	.060	16	17	.62	127	.15	5	3.70	.07	.06	9
0+50S 7+00W	1	16	82	455	.1	33	13	473	3.65	5	5	ND	6	16	.9	2	2	39	.30	.122	16	24	.49	153	.11	3	3.37	.02	.10	2
0+50S 6+75W	1	13	60	258	.1	19	9	444	2.90	2	5	ND	5	15	.4	3	2	35	.19	.158	18	18	.32	158	.17	4	4.34	.03	.07	1
0+50S 6+50W	1	12	60	261	.1	22	9	349	2.97	2	5	ND	5	13	.5	2	2	36	.14	.089	11	21	.33	169	.16	3	4.39	.03	.08	1
0+50S 6+25W	1	18	35	167	.1	21	10	215	2.80	5	5	ND	5	17	.2	2	2	36	.24	.101	13	19	.32	174	.16	2	4.43	.03	.09	1
0+50S 6+00W	1	13	38	185	.3	20	8	252	2.51	3	5	ND	4	14	.2	2	2	33	.16	.114	9	16	.25	130	.18	8	4.84	.03	.07	1
0+50S 5+75W	1	15	31	172	.2	26	10	372	2.67	2	5	ND	4	17	.3	2	2	33	.26	.163	13	19	.37	177	.13	5	3.81	.02	.10	1
0+50S 5+50W	1	15	41	159	.3	26	10	312	2.63	3	5	ND	5	15	.2	2	2	34	.24	.130	12	20	.33	126	.14	7	4.15	.03	.08	1
0+50S 5+25W	1	12	30	198	.1	24	9	701	2.59	6	5	ND	4	11	.2	2	2	38	.14	.152	11	20	.32	167	.12	3	3.24	.02	.07	1
0+50S 5+00W	1	12	22	253	.2	28	10	921	2.57	6	5	ND	5	13	.4	2	2	35	.17	.223	11	19	.36	210	.12	4	3.13	.02	.09	1
0+50S 4+75W	1	15	28	192	.1	26	9	611	2.32	4	5	ND	4	17	.8	2	2	34	.17	.154	9	13	.30	171	.16	4	3.89	.03	.08	1
0+50S 4+50W	1	14	22	191	.2	26	10	911	2.24	2	5	ND	5	17	.3	2	2	37	.20	.197	11	14	.34	206	.11	5	3.11	.02	.08	1
STANDARD C	19	63	42	133	7.3	70	32	1068	3.91	38	17	7	37	52	17.0	14	21	57	.48	.089	39	57	.90	173	.09	32	1.90	.06	.15	13

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
0+50S 4+25W	1	10	21	167	.1	17	9	399	2.04	4	5	ND	3	10	.2	2	2	48	.15	.100	12	19	.43	137	.04	2	1.64	.01	.07	1
0+50S 4+00W	1	12	31	229	.1	28	12	252	2.86	4	5	ND	6	11	.2	2	2	40	.19	.077	20	22	.53	164	.03	3	1.95	.01	.07	1
0+50S 3+75W	1	10	38	408	.3	18	9	440	2.72	2	5	ND	4	15	1.2	2	2	34	.36	.326	11	17	.33	178	.13	6	4.10	.03	.08	1
0+50S 3+50W	1	13	44	241	.2	33	13	275	3.45	2	5	ND	6	14	.9	2	2	28	.32	.120	21	29	.58	185	.04	4	2.72	.01	.09	1
0+50S 3+25W	1	15	16	197	.4	21	10	177	2.54	5	5	ND	4	13	.8	2	2	32	.17	.119	10	16	.32	124	.11	2	4.01	.02	.05	1
0+50S 3+00W	2	16	17	184	.2	24	11	684	2.21	6	5	ND	5	14	.3	2	2	32	.28	.040	19	18	.54	158	.03	3	1.52	.01	.08	1
0+50S 2+75W	1	14	23	282	.2	27	11	536	2.58	3	5	ND	5	20	.7	2	2	40	.19	.296	10	16	.39	264	.10	4	2.73	.02	.08	1
0+50S 2+50W	1	13	19	182	.1	27	12	294	2.42	6	5	ND	5	14	.2	2	2	38	.18	.211	11	20	.42	139	.05	3	2.23	.01	.07	1
0+50S 2+25W	1	11	25	201	.1	19	10	639	2.34	7	5	ND	3	13	.2	2	2	42	.20	.150	14	16	.34	254	.06	4	1.71	.01	.08	1
0+50S 2+00W	1	11	29	336	.3	19	10	511	2.87	11	5	ND	5	17	1.4	2	3	33	.21	.793	7	15	.23	180	.13	2	3.76	.03	.06	1
0+50S 1+75W	1	11	32	282	.4	21	14	435	2.93	6	5	ND	6	13	.8	2	2	30	.18	.352	10	21	.30	131	.09	4	3.52	.02	.07	1
0+50S 1+50W	1	18	23	182	.1	29	11	430	2.53	4	5	ND	6	15	.5	2	3	32	.15	.122	14	18	.47	159	.07	3	2.69	.02	.08	1
0+50S 1+25W	2	14	21	200	.3	23	12	420	2.82	7	5	ND	5	15	.3	2	2	49	.22	.313	12	20	.43	173	.05	4	2.62	.02	.10	1
0+50S 1+00W	1	13	20	178	.3	26	11	412	2.42	4	5	ND	3	13	.2	2	2	45	.19	.128	13	19	.42	202	.06	5	2.58	.02	.08	1
0+50S 0+75W	2	17	18	176	.1	28	11	332	2.47	7	5	ND	5	13	.2	2	2	35	.15	.099	16	21	.54	139	.04	3	1.68	.01	.08	1
0+50S 0+50W	2	16	17	164	.2	30	11	443	2.19	4	5	ND	4	12	.2	2	4	34	.13	.097	15	19	.45	150	.06	4	2.14	.01	.08	1
0+50S 0+25W	1	16	14	183	.1	24	11	533	2.14	4	5	ND	5	12	.2	2	2	38	.15	.160	16	20	.45	142	.04	2	1.84	.01	.09	1
0+50S 0+00	1	13	21	281	.5	24	12	229	2.98	2	5	ND	5	10	.3	2	2	36	.11	.267	14	25	.45	196	.11	2	3.18	.02	.09	1
1+00S 10+00W	1	15	50	299	.1	32	12	610	3.30	5	5	ND	6	15	.7	2	2	33	.23	.145	18	22	.44	200	.12	4	3.60	.02	.10	1
1+00S 9+50W	2	14	16	185	.2	28	12	321	2.42	4	5	ND	5	11	.2	2	2	39	.11	.148	14	20	.40	157	.06	4	2.56	.01	.07	1
1+00S 9+00W	1	11	146	211	.3	21	8	1238	4.13	10	5	ND	4	23	.6	2	2	35	1.82	.209	20	23	1.08	267	.12	7	3.60	.04	.11	1
1+00S 8+50W	1	12	81	525	.2	17	7	668	2.59	5	5	ND	3	19	.8	2	2	27	2.11	.201	14	18	1.25	200	.12	5	2.99	.03	.10	1
1+00S 8+00W	1	9	179	1033	.3	18	8	403	3.13	3	5	ND	4	20	1.5	2	2	32	.51	.277	12	17	.37	216	.15	7	3.79	.04	.08	4
1+00S 7+50W	1	15	51	204	.1	29	12	244	3.09	3	5	ND	7	15	.2	2	2	32	.22	.076	29	26	.49	156	.11	5	3.12	.02	.10	1
1+00S 7+25W	1	13	49	209	.1	31	12	255	3.15	4	5	ND	6	18	.3	2	3	33	.30	.084	16	24	.50	200	.12	5	3.41	.03	.12	1
1+00S 7+00W	1	12	48	363	.3	18	9	251	3.05	2	5	ND	5	19	1.1	2	2	33	.43	.196	19	18	.36	146	.18	8	4.69	.03	.08	1
1+00S 6+75W	1	11	42	437	.1	27	11	448	3.07	6	5	ND	5	15	1.5	2	2	32	.25	.092	19	22	.40	193	.11	5	3.32	.03	.09	1
1+00S 6+50W	1	13	85	282	.2	13	7	931	2.57	2	5	ND	2	18	2.2	2	2	24	3.02	.171	17	17	1.77	140	.11	6	3.06	.03	.08	1
1+00S 6+25W	1	14	107	604	.3	21	9	511	3.10	7	5	ND	5	17	3.8	2	2	36	1.10	.188	22	24	.71	158	.12	6	3.18	.03	.09	1
1+00S 6+00W	1	12	75	441	.2	18	8	369	2.84	4	5	ND	4	13	4.0	2	3	35	.26	.279	10	18	.29	153	.17	6	4.02	.02	.07	1
1+00S 5+75W	1	11	32	211	.2	15	7	311	2.37	2	5	ND	4	20	1.3	2	2	28	.64	.206	17	15	.29	157	.19	8	4.71	.04	.07	1
1+00S 5+50W	1	13	61	292	.3	17	9	219	2.79	2	5	ND	5	21	1.5	2	2	32	.49	.156	25	19	.34	142	.17	6	4.46	.04	.07	1
1+00S 5+25W	1	15	62	202	.2	15	8	448	2.75	6	5	ND	4	16	1.3	3	2	34	.46	.143	14	16	.34	175	.16	2	4.02	.03	.06	1
1+00S 5+00W	1	20	74	187	.2	25	11	422	3.18	3	5	ND	7	18	.8	2	2	35	.56	.115	26	21	.57	200	.15	5	4.16	.03	.09	1
1+00S 4+75W	1	15	48	223	.2	22	11	355	3.04	6	5	ND	5	14	.9	2	2	40	.23	.076	15	21	.42	259	.13	4	3.42	.02	.08	1
1+00S 4+50W	1	15	65	196	.3	19	9	529	2.67	3	5	ND	5	13	.8	3	2	35	.19	.121	18	17	.32	165	.15	6	3.81	.02	.07	1
STANDARD C	19	62	42	132	7.3	71	32	1069	3.97	38	19	6	37	52	19.0	14	19	57	.48	.090	38	57	.88	177	.09	33	1.88	.06	.15	13

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
1+00S 4+25W	1	15	35	229	.2	20	9	329	3.03	8	5	ND	4	14	.9	2	2	39	.23	.114	14	20	.33	170	.17	2	4.61	.03	.06	3
1+00S 4+00W	1	12	81	464	.1	20	9	1326	3.48	7	5	ND	4	15	4.0	2	2	40	.74	.321	23	21	.51	182	.14	2	3.75	.02	.07	2
1+00S 3+75W	1	14	46	327	.1	23	9	467	2.95	6	5	ND	4	18	1.1	2	2	36	.23	.122	11	19	.35	163	.17	2	4.59	.03	.06	4
1+00S 3+50W	1	18	39	211	.1	32	12	563	3.12	7	5	ND	6	13	.2	2	2	41	.20	.182	15	25	.49	230	.12	2	3.58	.02	.09	2
1+00S 3+25W	1	15	18	156	.3	20	8	348	2.50	7	5	ND	3	12	.2	2	2	35	.13	.189	8	13	.20	145	.18	2	4.99	.03	.05	2
1+00S 3+00W	1	13	34	222	.1	30	10	768	2.91	6	5	ND	4	14	.6	2	2	38	.27	.228	13	20	.41	201	.11	2	3.73	.02	.08	1
1+00S 2+75W	1	16	19	191	.4	23	8	390	2.40	9	5	ND	4	14	.9	2	2	32	.15	.148	8	16	.29	132	.14	2	4.31	.03	.06	2
1+00S 2+50W	1	9	40	266	.2	19	8	470	2.82	8	5	ND	3	13	.8	2	2	37	.20	.193	8	13	.23	150	.16	3	4.24	.02	.06	1
1+00S 2+25W	1	11	31	162	.2	23	9	313	2.46	6	5	ND	3	13	.2	2	2	35	.15	.141	10	15	.31	157	.13	3	3.63	.02	.05	1
1+00S 2+00W	1	13	38	200	.3	17	7	375	2.43	5	5	ND	3	15	1.0	2	2	30	.15	.182	9	10	.17	133	.19	2	5.25	.03	.04	1
1+00S 1+75W	1	10	17	180	.2	21	8	401	2.36	7	5	ND	4	12	.2	2	2	43	.11	.207	11	17	.33	155	.10	3	2.87	.02	.07	2
1+00S 1+50W	1	18	19	166	.8	29	9	310	2.65	8	5	ND	5	16	.2	2	2	37	.15	.189	13	17	.37	205	.13	3	4.15	.02	.06	1
1+00S 1+25W	1	13	24	291	.5	24	11	667	2.94	8	5	ND	4	10	.6	2	2	51	.10	.207	9	19	.26	147	.12	4	3.83	.02	.07	2
1+00S 1+00W	1	21	17	216	.7	34	11	767	2.68	8	5	ND	5	14	.6	2	2	40	.12	.229	9	43	.35	154	.16	6	4.76	.03	.07	1
1+00S 0+75W	1	12	12	186	.5	24	10	595	2.52	5	5	ND	3	12	.3	2	2	44	.15	.187	12	18	.34	199	.11	4	3.08	.02	.09	1
1+00S 0+50W	1	14	18	195	.5	30	11	434	2.77	6	5	ND	4	13	.4	2	2	41	.14	.322	10	18	.32	183	.13	3	4.32	.02	.07	2
1+00S 0+25W	1	12	2	126	.4	17	6	257	2.26	4	5	ND	3	20	.2	2	2	27	.53	.156	13	12	.24	128	.19	5	5.11	.05	.05	1
1+00S 0+00	1	12	14	151	.6	19	9	203	2.51	8	5	ND	3	11	.2	2	2	35	.15	.197	7	12	.20	107	.14	5	3.89	.02	.05	1
R-1	1	32	71	389	.6	40	10	491	2.98	5	5	ND	5	44	1.7	2	2	37	.32	.190	16	15	.45	369	.15	2	4.32	.05	.18	1
R-2	1	13	65	488	.4	28	9	658	2.51	8	5	ND	4	20	1.4	2	2	33	.22	.287	12	13	.30	240	.14	6	3.65	.03	.11	1
R-3	1	17	78	444	.2	36	10	601	2.77	6	5	ND	4	24	1.0	2	2	37	.19	.199	14	19	.48	232	.13	3	3.05	.02	.14	1
R-4	1	14	124	505	.1	37	9	509	2.86	8	5	ND	4	26	1.0	2	2	36	.25	.307	15	17	.44	245	.13	4	3.00	.03	.14	2
R-5	1	14	150	536	.1	36	10	856	2.92	7	5	ND	5	25	.9	2	2	39	.29	.219	17	18	.50	242	.10	4	2.76	.02	.16	2
STANDARD C	19	62	40	131	7.4	70	32	1076	3.98	39	18	6	36	52	19.0	14	18	57	.49	.088	37	60	.91	176	.09	33	1.89	.06	.15	13

...S AL... TIC... ABO...ORIE... TD. 85... HA...IGS ... VAN ...VER ... ... 1R6 PE...(604)...3-3... FA...2... 1716

GEOCHEMICAL ANAL..IS CERTIFICATE

Guinet Management PROJECT LIBBY File # 91-1889 Page 1

305 - 850 W. Hastings St., Vancouver BC V6C 1E1 Submitted by: V. GUINET

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
0+50S 0+25E	1	16	21	178	.1	27	11	187	2.67	7	5	ND	7	18	.5	2	2	38	.19	.120	16	18	.36	173	.10	10	3.04	.02	.06	1
0+50S 3+25E	1	10	20	249	.1	25	9	620	2.42	4	5	ND	4	12	1.1	3	2	45	.16	.119	14	20	.38	266	.11	4	2.51	.02	.08	1
0+50S 3+50E	1	16	13	193	.3	25	10	318	2.39	13	5	ND	5	19	.8	4	2	37	.24	.188	13	18	.38	195	.13	5	3.46	.02	.10	4
0+50S 3+75E	1	15	11	206	.6	32	11	272	2.62	2	5	ND	8	18	1.8	2	2	34	.21	.100	10	19	.35	203	.15	4	4.98	.03	.07	2
0+50S 4+00E	1	10	19	228	.6	22	10	448	2.20	7	5	ND	5	15	1.0	6	2	59	.15	.131	16	20	.54	269	.08	5	2.26	.02	.12	1
0+50S 4+25E	1	11	16	183	.7	27	8	632	2.18	6	5	ND	5	23	1.2	2	2	41	.32	.168	14	17	.44	190	.11	3	2.89	.02	.11	1
0+50S 4+50E	1	18	30	188	.8	37	10	335	2.60	2	7	ND	6	22	1.3	2	3	41	.35	.247	11	21	.45	153	.13	6	4.11	.02	.11	1
0+50S 4+75E	1	8	33	200	.1	20	8	894	2.35	6	5	ND	5	17	1.5	2	2	37	.23	.205	10	18	.32	245	.13	9	2.88	.03	.09	1
0+50S 5+00E	1	11	24	174	.6	23	8	396	2.39	5	5	ND	4	17	.6	2	2	36	.20	.159	11	16	.42	175	.14	9	3.77	.03	.08	1
0+50S 5+50E	1	10	52	218	.1	28	10	528	2.71	8	5	ND	5	21	.8	2	2	41	.32	.072	16	21	.50	204	.11	9	3.33	.03	.10	1
0+50S 6+00E	1	13	52	214	.1	30	11	361	3.07	13	5	ND	6	20	.6	2	2	38	.27	.148	12	20	.52	271	.13	6	3.97	.03	.12	1
0+50S 6+50E	2	9	52	257	.1	35	12	501	2.97	9	5	ND	6	19	.6	4	2	40	.20	.126	15	22	.51	253	.12	5	3.50	.03	.12	2
0+50S 7+00E	1	7	32	254	.1	23	10	350	2.64	5	5	ND	3	19	.5	2	2	44	.19	.113	11	20	.41	214	.14	6	2.96	.02	.11	1
0+50S 7+50E	1	21	44	261	.1	38	12	444	2.99	6	5	ND	8	20	.9	2	2	40	.20	.144	19	25	.57	248	.10	5	2.93	.02	.14	1
0+50S 8+00E	1	15	45	225	.1	36	12	482	2.95	4	5	ND	6	15	1.2	2	2	34	.23	.145	16	25	.49	273	.11	5	3.22	.02	.12	1
1+00S 0+25E	1	10	41	149	.1	23	9	317	2.70	12	10	ND	4	12	1.0	2	2	36	.25	.184	11	17	.36	143	.11	7	3.61	.02	.06	2
1+00S 0+50E	1	11	37	195	.1	20	8	673	2.84	2	5	ND	4	19	2.0	2	2	35	.48	.243	14	18	.34	212	.16	8	4.40	.03	.07	1
1+00S 0+75E	1	10	51	265	.1	27	11	855	3.00	2	5	ND	4	14	1.7	2	2	39	.37	.137	14	21	.41	174	.14	5	3.55	.02	.08	1
1+00S 1+00E	1	8	26	212	.1	15	8	625	2.56	2	5	ND	4	14	1.0	4	2	31	.20	.219	10	14	.13	118	.18	8	4.89	.04	.05	2
1+00S 1+25E	1	8	23	158	.1	15	6	448	2.49	6	5	ND	3	12	1.5	2	4	31	.26	.293	5	12	.15	144	.18	7	4.99	.03	.04	1
1+00S 1+50E	1	17	53	213	.1	23	9	377	3.08	8	5	ND	6	17	1.3	2	2	37	.25	.157	23	20	.37	134	.16	7	4.30	.03	.07	1
1+00S 1+75E	1	14	64	263	.1	29	12	908	3.19	7	5	ND	6	17	1.2	2	2	40	.43	.189	17	21	.51	215	.12	9	3.81	.02	.09	1
1+00S 2+00E	1	20	54	597	.2	54	11	348	3.08	12	5	ND	9	21	3.2	5	4	36	.30	.149	36	21	.42	135	.17	9	4.79	.03	.06	3
1+00S 2+25E	1	9	58	239	.1	19	8	383	2.55	5	10	ND	4	14	1.1	2	2	35	.17	.152	8	15	.21	129	.16	2	4.24	.03	.06	1
1+00S 2+50E	1	11	36	249	.1	28	9	362	2.66	2	5	ND	6	18	1.5	2	2	30	.24	.129	18	17	.30	131	.16	6	4.84	.04	.05	1
1+00S 3+75E	1	22	15	268	.2	34	11	295	2.89	9	5	ND	8	17	1.2	2	2	37	.29	.151	19	21	.73	183	.05	6	2.78	.01	.12	1
1+00S 4+00E	2	12	18	211	.3	26	7	659	2.01	4	5	ND	3	12	.5	2	2	46	.14	.138	13	18	.42	229	.09	4	2.42	.02	.09	1
1+00S 4+25E	1	17	24	219	.4	26	10	411	2.35	7	5	ND	5	14	.9	2	2	39	.19	.156	11	18	.40	140	.12	5	3.28	.02	.08	1
1+00S 4+50E	1	18	28	198	.2	32	10	505	2.53	2	5	ND	5	15	.9	2	2	47	.19	.100	15	20	.56	227	.10	6	3.31	.02	.11	1
1+00S 4+75E	1	14	25	220	.1	31	11	1293	2.47	4	5	ND	3	16	1.2	3	2	38	.21	.186	12	19	.42	247	.11	7	3.00	.02	.10	2
1+00S 5+00E	1	9	19	264	.2	22	9	614	2.43	3	5	ND	3	16	1.4	2	2	36	.19	.354	9	17	.37	299	.14	6	3.01	.02	.09	1
1+00S 5+50E	1	6	26	163	.1	21	8	674	2.46	5	5	ND	3	15	.8	2	2	39	.15	.230	8	17	.26	232	.14	8	3.16	.02	.07	1
1+00S 6+00E	1	16	25	172	.1	26	9	276	2.62	9	5	ND	5	17	.8	2	2	33	.15	.127	13	17	.41	189	.14	6	3.76	.03	.10	1
1+50S 10+00W	1	12	25	213	.1	17	8	188	2.51	2	5	ND	3	14	.7	2	2	31	.15	.079	9	16	.21	159	.17	2	4.43	.03	.06	1
1+50S 9+50W	1	6	27	256	.1	15	6	335	1.83	2	5	ND	2	21	.6	2	2	20	.74	.226	8	10	.34	111	.18	9	4.03	.04	.06	1
1+50S 9+00W	1	9	97	328	.1	21	8	854	2.51	2	10	ND	3	16	.6	2	2	25	2.38	.069	17	17	1.60	164	.09	3	2.51	.02	.11	1
STANDARD C	19	59	38	134	7.4	70	32	1060	4.02	38	22	7	40	53	18.8	15	22	56	.48	.091	40	60	.92	178	.09	38	1.89	.07	.15	11

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

DATE RECEIVED: JUN 19 1991 **DATE REPORT MAILED:** June 25/91. **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
1+50S 8+50W	1	4	36	710	.1	12	4	471	1.66	2	5	ND	3	24	.9	2	2	17	2.12	.432	12	15	.72	148	.09	3	2.08	.03	.08	1
1+50S 8+00W	1	11	62	477	.1	15	6	545	2.48	2	7	ND	4	18	1.7	2	2	29	.33	.269	6	15	.23	216	.20	7	5.25	.03	.06	2
1+50S 7+50W	1	7	89	338	.1	16	6	533	2.62	2	5	ND	5	20	1.7	2	2	26	.67	.146	16	16	.45	160	.16	4	4.55	.04	.08	1
1+50S 7+25W	1	6	48	423	.1	17	7	530	2.68	4	5	ND	6	21	2.2	2	2	27	1.05	.238	17	20	.65	184	.12	3	3.64	.04	.09	1
1+50S 7+00W	1	8	74	284	.1	13	5	485	2.23	2	5	ND	4	28	1.2	2	2	20	1.29	.090	15	12	.63	139	.15	3	4.01	.06	.09	1
1+50S 6+75W	1	4	60	399	.1	18	7	330	2.78	2	5	ND	6	21	1.4	2	2	28	.62	.152	15	19	.44	130	.18	6	4.78	.04	.09	1
1+50S 6+50W	1	4	29	389	.1	11	5	411	2.08	2	9	ND	5	19	.9	2	2	23	.46	.250	7	11	.23	128	.18	4	4.83	.05	.07	1
1+50S 6+25W	1	7	69	539	.1	16	7	551	2.74	2	5	ND	5	14	1.8	2	2	29	.36	.121	13	18	.32	162	.16	2	3.52	.03	.08	1
1+50S 6+00W	1	15	280	816	.1	20	8	340	4.01	4	5	ND	7	20	4.6	2	2	31	.49	.096	20	18	.48	178	.13	2	3.45	.05	.09	1
1+50S 5+75W	1	10	136	581	.1	18	8	690	3.01	2	6	ND	6	18	3.3	2	2	31	.31	.116	16	19	.33	203	.18	3	4.69	.04	.07	1
1+50S 5+50W	1	6	242	890	.1	21	9	516	3.64	3	5	ND	6	15	5.3	2	2	35	.32	.113	13	22	.39	175	.15	2	4.20	.03	.10	1
1+50S 5+25W	1	12	132	231	.3	19	8	180	2.46	4	5	ND	7	21	3.0	2	2	26	.35	.083	19	17	.36	143	.17	5	4.79	.04	.09	1
1+50S 5+00W	1	9	334	521	.1	19	8	835	3.44	5	6	ND	6	15	2.8	2	3	36	.47	.127	13	22	.49	223	.13	2	3.42	.03	.10	1
1+50S 4+75W	1	6	102	231	.1	22	10	371	3.16	2	5	ND	7	13	1.1	2	2	33	.21	.087	11	20	.36	207	.13	2	3.58	.02	.08	1
1+50S 4+50W	1	8	55	215	.1	18	8	324	2.82	2	5	ND	6	14	1.5	2	2	32	.21	.095	8	17	.31	166	.18	2	4.58	.04	.08	3
1+50S 4+25W	1	12	80	218	.1	16	7	458	2.61	3	5	ND	6	13	1.0	2	2	28	.19	.120	16	17	.31	165	.14	2	3.55	.03	.07	1
1+50S 4+00W	1	12	71	232	.1	17	8	1081	2.90	3	6	ND	6	12	1.7	2	2	32	.21	.147	16	16	.28	162	.17	2	4.67	.03	.07	3
1+50S 3+75W	1	11	127	284	.1	17	8	727	2.89	3	7	ND	6	12	1.1	2	2	28	.23	.201	12	16	.32	160	.13	2	3.66	.02	.07	1
1+50S 3+50W	1	13	102	286	.1	24	9	434	3.10	4	5	ND	7	16	1.6	2	2	31	.43	.150	13	20	.42	175	.14	2	4.43	.03	.08	3
1+50S 3+25W	1	9	70	222	.1	23	10	1049	2.98	5	5	ND	6	12	.8	2	2	27	.29	.108	16	21	.37	160	.08	2	2.74	.02	.10	1
1+50S 3+00W	1	14	53	201	.2	31	12	602	3.15	4	6	ND	7	17	.5	2	2	33	.21	.094	12	21	.46	208	.13	2	3.34	.02	.10	1
1+50S 2+75W	1	21	56	204	.1	24	10	359	3.28	2	5	ND	7	16	1.1	2	3	35	.40	.110	19	21	.54	183	.16	2	4.51	.04	.12	1
1+50S 2+50W	1	25	48	191	.1	27	12	343	3.24	2	5	ND	8	14	1.5	2	2	35	.17	.106	26	26	.51	201	.14	2	4.16	.04	.15	1
1+50S 2+25W	1	14	45	223	.1	26	10	1470	2.93	5	5	ND	6	16	1.2	2	2	29	.37	.182	17	22	.45	273	.11	2	3.54	.04	.13	1
1+50S 2+00W	1	18	73	298	.1	23	10	332	3.41	7	5	ND	8	16	1.3	2	2	34	.25	.110	12	20	.45	226	.14	2	3.97	.03	.09	1
1+50S 1+75W	1	12	157	213	.2	19	9	355	3.00	2	5	ND	6	13	1.1	2	2	33	.19	.136	8	17	.29	140	.16	2	4.85	.03	.07	1
1+50S 1+50W	1	21	43	293	.1	18	7	539	2.27	6	5	ND	6	21	2.3	3	2	26	3.78	.084	17	19	2.73	113	.08	2	2.22	.03	.10	1
1+50S 1+25W	1	12	36	635	.2	12	6	1331	2.53	2	6	ND	5	23	3.2	2	2	27	.73	.249	13	16	.46	253	.17	3	4.13	.06	.11	1
1+50S 1+00W	1	10	37	303	.1	15	7	559	2.65	6	5	ND	6	16	2.6	2	2	30	1.33	.146	18	18	1.01	148	.12	2	3.47	.03	.08	1
1+50S 0+75W	1	13	31	217	.2	20	7	410	2.88	2	5	ND	6	15	1.5	2	2	35	.32	.181	11	23	.36	133	.16	2	4.27	.04	.10	1
1+50S 0+50W	1	9	37	205	.1	18	8	440	2.75	3	5	ND	7	19	1.5	2	2	34	.34	.184	16	20	.41	139	.15	2	4.07	.05	.10	1
1+50S 0+25W	1	12	62	249	.1	20	9	646	3.32	2	5	ND	8	18	1.1	2	2	34	.72	.116	29	20	.75	182	.15	3	4.47	.03	.11	1
1+50S 0+00	1	16	45	231	.3	26	9	562	3.69	6	5	ND	8	20	1.4	2	3	47	.67	.228	21	24	.51	202	.16	3	4.26	.04	.09	1
1+50S 0+25E	1	20	34	209	.1	20	8	849	3.18	2	5	ND	6	22	2.0	2	2	30	.71	.160	20	18	.60	205	.15	2	4.21	.05	.14	1
1+50S 0+50E	1	18	67	228	.4	23	8	990	4.18	4	11	ND	8	21	2.6	2	2	42	1.27	.214	25	21	.82	193	.16	5	4.43	.04	.11	1
STANDARD C	19	63	41	132	7.1	72	34	1058	3.98	37	20	7	39	52	17.0	15	21	56	.47	.091	39	59	.90	177	.09	34	1.91	.07	.15	11

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
1+50S 0+75E	1	8	88	264	.3	25	9	965	3.01	9	5	ND	7	19	1.1	2	2	36	1.22	.134	21	18	.83	205	.12	10	3.25	.03	.09	1
1+50S 1+00E	1	6	73	366	.1	22	9	698	3.02	11	5	ND	5	15	1.2	2	2	37	.50	.117	16	18	.44	199	.14	3	3.47	.03	.07	1
1+50S 1+25E	1	8	34	208	.1	18	8	233	2.49	2	5	ND	4	25	.8	2	2	27	.36	.096	13	11	.22	96	.18	5	4.87	.05	.04	1
1+50S 1+50E	1	16	111	244	.1	19	7	566	2.55	4	5	ND	5	21	1.1	2	2	32	2.67	.174	24	18	1.49	116	.12	2	2.97	.03	.07	1
1+50S 1+75E	2	3	159	496	.1	25	10	726	3.36	5	5	ND	4	17	.4	2	2	49	.45	.336	13	24	.35	241	.13	2	3.32	.03	.08	1
1+50S 2+00E	1	12	81	339	.2	29	12	734	3.41	7	5	ND	7	22	1.5	2	2	49	.79	.422	27	25	.60	233	.12	2	3.73	.03	.14	1
1+50S 2+25E	1	10	84	542	.2	39	12	483	3.36	14	5	ND	8	20	2.4	4	2	36	.65	.166	29	22	.59	173	.11	7	3.55	.03	.11	1
1+50S 2+50E	1	13	62	263	.1	20	9	509	2.94	6	5	ND	6	20	.4	2	2	34	.43	.219	21	19	.41	188	.12	5	3.35	.03	.09	1
1+50S 2+75E	1	4	54	345	.1	20	9	512	3.08	8	5	ND	5	13	.4	2	2	42	.18	.197	10	19	.29	181	.16	5	3.69	.02	.06	1
1+50S 3+00E	1	12	46	294	.3	29	12	900	3.15	19	5	ND	8	16	1.2	4	2	37	.20	.131	14	23	.41	175	.14	6	4.05	.03	.08	1
1+50S 3+25E	1	12	22	233	.3	33	13	478	3.25	8	5	ND	6	17	.7	2	2	44	.17	.083	11	25	.39	177	.17	3	5.51	.03	.08	1
1+50S 3+50E	1	10	21	153	.3	26	9	205	2.67	9	5	ND	5	11	.5	2	2	39	.11	.115	12	19	.29	155	.14	2	3.59	.02	.06	1
1+50S 3+75E	2	16	41	203	.3	35	14	284	3.38	10	5	ND	7	12	.8	2	2	45	.26	.088	22	29	.56	217	.09	5	3.46	.02	.11	1
1+50S 4+00E	1	15	68	209	.4	32	13	595	3.38	5	5	ND	9	17	.9	2	2	33	.70	.128	35	24	.80	160	.07	5	2.66	.02	.14	1
1+50S 4+50E	1	13	32	197	.3	28	12	489	3.02	8	5	ND	4	12	.9	2	2	38	.16	.113	18	22	.55	186	.08	2	2.66	.02	.10	1
1+50S 4+75E	1	16	30	177	.4	30	13	273	3.14	10	5	ND	8	19	.6	3	2	37	.30	.126	16	22	.64	164	.09	4	3.35	.02	.14	1
1+50S 5+00E	1	18	14	127	.4	19	8	737	2.15	7	5	ND	4	37	.7	2	2	23	.59	.036	15	18	.41	141	.11	3	2.79	.05	.08	1
1+50S 5+50E	1	8	40	255	.3	23	13	598	3.18	10	5	ND	6	19	.7	5	2	41	.26	.335	13	24	.49	228	.11	8	3.16	.02	.13	2
1+50S 6+00E	1	15	41	225	.1	32	12	437	3.15	5	9	ND	5	17	.2	2	2	39	.19	.114	17	24	.61	239	.09	5	3.15	.02	.14	1
2+00S 10+00W	1	8	68	415	.3	17	10	454	2.80	15	5	ND	5	15	.9	5	2	30	.41	.387	10	19	.25	139	.15	5	3.58	.02	.06	1
2+00S 9+50W	1	13	47	354	.1	14	8	797	2.56	5	5	ND	4	25	1.2	2	2	27	1.30	.113	18	17	.81	211	.14	6	3.51	.04	.11	1
2+00S 9+00W	1	12	34	221	.1	21	11	468	2.84	6	5	ND	4	17	.3	2	2	32	.31	.116	13	21	.36	160	.14	4	3.46	.03	.11	1
2+00S 8+50W	1	8	51	392	.2	8	7	1284	2.10	9	5	ND	4	29	2.8	2	2	24	2.28	.452	16	16	.71	216	.13	5	2.97	.04	.11	1
2+00S 8+00W	1	9	80	569	.2	20	9	2090	2.79	7	5	ND	4	19	3.5	2	2	35	1.11	.113	17	23	.76	315	.14	8	3.02	.03	.13	1
2+00S 7+50W	1	8	15	197	.1	14	6	341	1.92	8	5	ND	4	26	1.2	2	2	25	.67	.089	14	14	.35	126	.20	3	4.13	.05	.07	1
2+00S 7+25W	1	7	22	169	.1	15	7	402	2.65	6	5	ND	4	19	.6	2	2	38	.35	.060	8	15	.32	176	.26	4	4.95	.04	.05	1
2+00S 7+00W	1	7	18	253	.1	10	8	178	2.42	9	5	ND	3	17	1.0	2	2	32	.25	.305	6	14	.21	179	.21	2	5.14	.04	.04	1
2+00S 6+75W	1	7	49	387	.1	19	9	871	2.53	11	5	ND	5	20	3.0	2	2	33	.52	.113	13	20	.39	224	.16	6	3.61	.04	.09	1
2+00S 6+50W	1	9	43	338	.1	17	7	533	2.35	7	5	ND	4	20	1.4	2	2	29	.71	.070	14	17	.53	191	.15	2	3.22	.04	.09	1
2+00S 6+25W	1	7	45	326	.3	18	10	208	2.90	9	5	ND	6	16	1.6	3	2	33	.28	.073	11	19	.37	145	.16	4	3.70	.03	.08	1
2+00S 6+00W	1	8	135	918	.1	1	2	213	.82	5	5	ND	2	17	2.5	2	2	6	15.17	.026	3	3	8.76	8	.01	5	.34	.01	.05	1
2+00S 5+75W	1	7	53	238	.1	13	7	324	2.54	8	5	ND	4	13	1.3	2	2	29	.19	.094	9	15	.27	147	.15	4	3.39	.02	.05	1
2+00S 5+50W	1	7	25	175	.1	11	7	991	2.15	5	5	ND	4	19	1.4	2	2	23	.46	.173	16	13	.25	190	.18	3	4.01	.04	.06	1
2+00S 5+25W	1	8	68	422	.1	22	10	343	2.94	3	5	ND	4	12	.6	2	2	31	.32	.112	12	21	.45	204	.12	3	3.04	.02	.11	1
2+00S 5+00W	1	14	59	207	.2	21	11	408	2.94	17	5	ND	7	19	1.2	6	2	31	.72	.150	24	21	.58	224	.12	8	3.28	.03	.10	1
2+00S 4+75W	1	13	59	202	.1	24	11	328	3.12	8	5	ND	6	17	.6	2	2	36	.44	.092	19	24	.51	200	.14	11	4.03	.02	.11	1
STANDARD C	19	58	41	131	7.2	68	34	1039	3.95	38	21	7	39	52	18.3	18	18	54	.48	.090	38	58	.88	177	.09	35	1.89	.06	.16	13

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
2+00S 4+50W	2	9	54	201	.1	25	10	263	3.19	3	5	ND	6	12	.4	2	2	35	.20	.095	9	21	.35	137	.18	3	4.60	.02	.05	2
2+00S 4+25W	1	14	98	264	.1	19	9	318	3.07	6	5	ND	7	15	1.4	2	2	29	.32	.132	20	17	.37	214	.14	3	4.09	.04	.06	3
2+00S 4+00W	1	10	118	304	.1	17	7	1036	2.61	6	5	ND	4	12	1.0	2	2	24	.46	.129	11	16	.43	184	.11	5	2.69	.02	.08	1
2+00S 3+75W	1	18	124	260	.2	19	8	737	2.57	12	5	ND	5	17	1.6	2	2	18	5.53	.101	19	18	3.63	116	.03	3	1.40	.01	.10	2
2+00S 3+50W	1	14	109	251	.1	26	11	1602	3.21	8	6	ND	5	17	1.5	2	2	20	1.78	.126	24	21	1.31	165	.04	2	2.04	.01	.10	1
2+00S 3+25W	1	22	74	201	.1	27	12	459	3.55	4	5	ND	9	17	1.2	2	2	34	.34	.114	26	25	.58	216	.14	4	4.58	.04	.13	4
2+00S 3+00W	1	24	119	410	.1	30	12	813	4.20	7	5	ND	9	17	.7	2	2	33	.53	.111	28	25	.71	168	.09	3	3.09	.02	.11	2
2+00S 2+75W	1	7	49	290	.1	16	7	593	2.87	4	5	ND	5	17	.8	2	2	29	.38	.138	13	20	.37	213	.17	5	4.38	.04	.07	1
2+00S 2+50W	1	12	67	191	.1	19	8	332	2.76	2	5	ND	6	18	.6	2	2	28	.60	.117	18	18	.46	162	.17	4	4.56	.04	.07	3
2+00S 2+25W	1	4	43	186	.1	9	4	1021	1.87	4	5	ND	3	22	.9	2	2	17	1.27	.368	10	10	.61	224	.15	4	3.74	.05	.07	1
2+00S 2+00W	1	12	41	128	.1	18	8	320	2.71	7	5	ND	6	14	.7	2	2	27	.31	.085	11	16	.37	193	.11	2	3.69	.03	.09	1
2+00S 1+75W	1	12	57	406	.1	16	8	334	3.00	5	5	ND	6	22	2.1	3	2	29	.48	.125	23	17	.39	146	.18	4	4.93	.04	.06	2
2+00S 1+50W	1	13	170	1130	.1	18	7	656	3.34	6	5	ND	5	18	5.5	4	2	30	.82	.128	19	18	.63	172	.14	5	3.68	.05	.10	1
2+00S 1+25W	1	6	54	435	.1	17	7	1012	2.98	3	5	ND	5	16	1.7	2	2	34	.53	.113	10	21	.41	197	.15	4	3.45	.04	.08	1
2+00S 1+00W	1	5	396	272	.1	15	7	1069	3.25	6	5	ND	6	21	1.7	4	2	34	1.94	.122	22	20	1.17	181	.16	6	4.52	.03	.08	3
2+00S 0+75W	1	7	77	311	.1	18	7	907	3.03	3	5	ND	5	18	1.7	2	2	38	.85	.167	13	21	.54	181	.16	4	4.03	.04	.09	1
2+00S 0+50W	1	12	69	289	.2	18	8	748	3.34	6	5	ND	7	20	1.7	4	2	37	.38	.106	15	22	.45	186	.19	5	4.38	.04	.09	3
2+00S 0+25W	1	14	81	283	.1	19	8	465	3.24	2	5	ND	6	18	1.0	3	2	32	.37	.129	14	19	.37	152	.18	4	4.33	.04	.07	1
2+00S 0+00	1	14	30	147	.1	14	5	596	2.27	3	5	ND	4	29	1.2	2	2	23	1.09	.111	13	12	.58	126	.17	6	4.06	.06	.08	1
2+00S 0+25E	1	9	14	125	.1	8	4	428	1.79	2	5	ND	3	28	.8	2	2	17	.85	.080	10	9	.41	127	.16	5	3.55	.08	.08	1
2+00S 0+50E	1	9	115	151	.1	12	4	499	2.37	2	5	ND	4	25	1.6	2	2	21	.87	.115	15	10	.49	150	.18	5	4.36	.07	.08	1
2+00S 0+75E	1	11	122	390	.1	17	7	1818	3.48	3	5	ND	5	21	4.0	2	2	33	1.03	.193	15	18	.60	288	.16	5	3.76	.04	.11	1
2+00S 1+00E	1	4	372	2329	.1	11	5	1475	2.47	8	5	ND	4	20	10.5	2	2	26	.95	.229	8	14	.47	215	.18	6	3.57	.04	.07	1
2+00S 1+25E	1	10	189	1141	.1	23	7	670	4.11	9	5	ND	5	17	2.7	2	2	33	.33	.128	14	17	.31	161	.16	3	3.49	.04	.07	4
2+00S 1+50E	1	12	130	520	.1	24	8	391	3.64	9	5	ND	8	21	2.0	2	2	37	1.07	.343	34	19	.44	116	.15	3	4.16	.03	.07	2
2+00S 1+75E	1	11	128	442	.1	22	7	682	2.88	7	5	ND	6	21	2.0	2	2	42	1.16	.420	23	21	.60	189	.14	4	3.53	.04	.11	2
2+00S 2+00E	1	13	54	315	.2	21	7	516	2.94	4	5	ND	7	24	1.2	2	2	35	1.17	.389	26	19	.67	153	.15	3	3.86	.04	.09	2
2+00S 2+25E	2	9	96	281	.1	25	7	301	2.21	2	5	ND	5	12	.8	2	2	28	.42	.202	15	11	.31	110	.08	2	2.16	.03	.08	1
2+00S 2+50E	2	15	96	322	.2	28	8	828	2.99	5	5	ND	5	20	1.6	2	2	26	2.12	.229	23	15	1.27	173	.09	2	3.07	.02	.07	1
2+00S 2+75E	1	14	54	259	.1	24	8	800	2.78	4	5	ND	6	19	1.2	2	2	33	.30	.151	10	15	.29	135	.16	4	4.22	.03	.07	3
2+00S 3+00E	1	15	68	316	.1	30	10	474	3.43	7	5	ND	7	18	1.2	2	2	35	.42	.110	19	21	.48	145	.12	3	3.73	.02	.09	2
2+00S 3+25E	1	16	32	251	.1	17	8	449	2.60	4	5	ND	6	16	1.0	2	2	28	.20	.130	8	16	.28	145	.17	2	4.42	.04	.08	1
2+00S 3+50E	1	17	53	244	.1	24	10	316	3.34	5	5	ND	7	13	.4	2	2	36	.26	.127	16	20	.46	170	.13	2	3.72	.02	.10	1
2+00S 3+75E	1	10	38	214	.1	19	8	598	2.82	4	5	ND	4	13	.5	2	2	32	.32	.170	9	16	.35	142	.16	2	4.54	.02	.07	1
2+00S 4+00E	1	16	51	203	.1	24	10	354	3.06	6	5	ND	7	12	.2	2	2	30	.19	.123	17	19	.42	165	.12	2	3.61	.02	.08	1
2+00S 4+25E	1	14	46	215	.1	23	10	542	3.01	2	5	ND	5	12	.8	2	2	32	.22	.130	15	22	.39	164	.10	2	3.28	.02	.12	1
STANDARD C	19	64	40	131	7.5	70	31	1059	3.95	40	21	7	38	52	18.8	15	20	56	.48	.089	39	59	.88	175	.09	32	1.88	.06	.15	11

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
2+00S 4+50E	1	18	50	201	.1	33	13	758	3.41	8	5	ND	7	19	1.0	2	2	31	.87	.131	29	26	.79	172	.05	24	2.24	.02	.12	1
2+00S 4+75E	1	13	27	218	.1	25	13	189	3.34	5	5	ND	6	21	.8	2	2	43	.46	.055	17	27	.53	164	.07	5	2.84	.02	.08	1
2+00S 5+00E	1	19	28	166	.2	35	14	410	3.21	8	5	ND	9	15	.3	2	2	37	.23	.064	29	28	.68	167	.06	5	2.28	.01	.13	2
2+00S 5+50E	1	11	28	232	.2	25	11	583	2.80	6	8	ND	5	17	1.4	5	2	36	.22	.197	11	21	.33	211	.15	8	3.66	.03	.08	3
2+00S 6+00E	1	13	34	179	.1	24	11	348	2.98	2	5	ND	7	18	.6	4	2	32	.20	.140	15	22	.38	177	.13	5	3.57	.03	.09	1
2+50S 10+00W	1	16	54	1038	.1	24	11	621	3.00	9	5	ND	6	23	3.0	2	2	29	.93	.185	26	20	.68	205	.13	8	3.67	.04	.08	1
2+50S 9+50W	1	7	114	455	.1	20	10	1331	3.34	5	5	ND	6	16	1.1	2	2	34	1.36	.092	20	23	1.02	236	.11	6	3.25	.02	.09	1
2+50S 9+00W	1	6	19	518	.1	9	6	359	2.20	2	5	ND	3	16	.8	2	2	25	.57	.505	6	13	.14	183	.18	4	3.89	.03	.06	1
2+50S 8+50W	1	13	114	784	.1	11	7	2209	2.25	7	5	ND	3	18	2.9	2	2	26	.66	.250	13	17	.35	287	.11	6	2.76	.03	.12	1
2+50S 8+00W	1	11	42	555	.1	24	11	868	3.25	8	5	ND	7	18	3.6	2	2	37	.82	.114	21	26	.82	216	.09	6	2.49	.02	.10	2
2+50S 7+50W	1	16	115	365	.1	9	7	2283	2.14	7	5	ND	3	20	4.4	2	2	26	1.21	.151	11	15	.48	328	.12	7	2.34	.03	.11	1
2+50S 7+25W	1	8	34	713	.1	15	7	1929	2.21	9	5	ND	4	17	4.7	7	2	23	1.93	.102	13	19	1.08	260	.10	6	2.52	.02	.10	1
2+50S 7+00W	1	8	26	2082	.1	12	6	628	2.30	4	5	ND	4	24	14.6	4	2	27	1.55	.155	15	12	.72	208	.20	10	4.83	.04	.06	1
2+50S 6+75W	1	31	65	9103	.1	29	11	783	2.99	7	5	ND	8	23	45.8	5	2	35	1.16	.068	24	25	1.05	166	.13	7	3.54	.03	.12	1
2+50S 6+50W	1	10	24	368	.1	28	12	300	2.96	2	5	ND	5	17	1.9	2	2	25	.25	.129	15	22	.44	165	.13	6	3.46	.03	.08	1
2+50S 6+25W	1	13	63	414	.1	34	15	594	3.64	2	5	ND	8	14	1.5	2	2	27	.55	.077	25	28	.80	160	.10	4	3.09	.02	.11	1
2+50S 6+00W	1	17	46	240	.1	22	10	189	2.93	2	5	ND	7	16	1.1	5	3	32	.21	.090	29	20	.38	179	.16	3	4.37	.03	.08	3
2+50S 5+75W	1	9	102	217	.1	5	2	653	1.23	8	5	ND	2	18	1.6	2	2	8	12.10	.093	4	5	6.48	119	.01	29	.44	.01	.03	1
2+50S 5+50W	1	7	62	260	.1	20	8	583	2.49	7	5	ND	4	15	2.1	2	2	23	1.46	.109	15	16	.93	136	.10	7	2.54	.02	.07	1
2+50S 5+25W	1	3	31	387	.1	13	7	722	2.17	7	5	ND	2	17	1.2	2	2	25	.55	.074	7	15	.41	153	.17	6	3.23	.03	.07	1
2+50S 5+00W	1	2	121	337	.1	17	8	533	2.59	2	5	ND	3	16	4.2	2	2	29	.40	.062	11	16	.36	128	.16	4	3.28	.03	.07	1
2+50S 4+75W	1	7	44	294	.1	17	8	336	2.70	3	5	ND	4	21	2.4	4	2	27	.34	.136	11	14	.26	164	.20	4	4.77	.04	.06	2
2+50S 4+50W	1	10	106	294	.1	17	9	392	3.06	2	5	ND	6	16	2.2	4	2	32	.39	.243	15	19	.41	128	.16	8	4.12	.03	.06	2
2+50S 4+25W	1	7	77	296	.1	23	10	607	3.46	2	9	ND	7	17	3.4	2	3	39	.40	.137	17	21	.45	181	.17	5	4.15	.03	.08	2
2+50S 4+00W	1	6	35	213	.2	18	7	1676	2.47	6	5	ND	4	19	1.4	5	2	29	1.08	.168	10	16	.48	235	.17	7	3.36	.03	.08	1
2+50S 3+75W	1	7	74	270	.1	19	9	740	3.00	4	5	ND	4	13	2.7	2	4	34	.59	.189	13	19	.45	171	.12	2	3.11	.02	.07	3
2+50S 3+50W	1	7	95	237	.1	22	8	1327	2.71	6	5	ND	4	13	1.6	2	2	29	.91	.087	16	18	.78	195	.08	26	2.09	.02	.08	1
2+50S 3+25W	1	9	51	226	.1	21	10	365	3.03	10	5	ND	5	12	1.4	6	2	38	.19	.091	9	19	.29	158	.15	3	3.36	.02	.05	2
2+50S 3+00W	1	6	66	234	.1	29	10	404	3.54	2	6	ND	5	13	1.6	2	2	43	.25	.094	12	24	.40	120	.15	4	3.75	.02	.08	1
2+50S 2+75W	1	11	57	174	.1	18	8	310	2.78	3	5	ND	5	15	.8	3	2	32	.20	.102	9	17	.31	158	.17	2	4.38	.03	.05	3
2+50S 2+50W	1	9	220	224	.1	20	8	442	3.01	3	5	ND	4	18	1.3	2	2	35	.36	.148	11	19	.32	119	.20	7	4.90	.03	.08	3
2+50S 2+25W	1	9	109	199	.1	17	10	476	3.22	2	5	ND	6	14	.7	2	2	38	.30	.109	15	20	.37	140	.17	6	4.28	.02	.07	1
2+50S 2+00W	1	12	79	403	.1	22	9	449	3.19	2	5	ND	4	17	2.2	2	2	37	.51	.123	19	18	.34	160	.16	3	4.31	.03	.07	1
2+50S 1+75W	1	13	43	171	.2	19	9	292	2.80	5	5	ND	6	15	.7	8	2	34	.23	.102	13	17	.29	154	.18	25	4.43	.03	.07	4
2+50S 1+50W	1	10	75	233	.1	25	10	309	3.20	2	7	ND	7	17	.8	5	3	37	.41	.087	23	19	.42	142	.15	31	3.86	.03	.08	1
2+50S 1+25W	1	14	113	362	.1	24	11	664	3.36	2	5	ND	6	14	2.3	3	2	38	.37	.126	19	20	.41	143	.14	25	3.51	.03	.07	1
STANDARD C	18	58	36	133	7.2	70	34	1052	3.98	38	20	7	39	52	18.4	17	19	55	.48	.092	39	58	.91	182	.09	33	1.90	.06	.15	11

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
2+50S 1+00W	1	10	118	1041	.2	20	8	355	3.88	2	5	ND	6	16	4.4	2	2	39	.40	.176	17	19	.34	173	.17	4	4.87	.03	.05	5
2+50S 0+75W	1	16	202	406	.3	16	6	983	3.36	2	5	ND	5	21	2.4	2	2	35	.68	.204	17	15	.41	175	.17	6	4.87	.04	.06	1
2+50S 0+50W	1	13	140	411	.4	18	7	547	3.31	7	5	ND	5	18	3.2	3	2	30	7.34	.113	24	15	4.05	108	.07	2	2.19	.02	.07	2
2+50S 0+25W	1	6	19	302	.2	12	6	969	2.79	2	5	ND	4	21	1.1	2	2	31	1.13	.158	11	17	.64	172	.20	8	4.16	.04	.08	1
2+50S 0+00	1	8	36	221	.1	19	8	403	3.45	2	5	ND	6	20	.2	2	2	39	.36	.067	15	18	.39	155	.20	5	4.36	.03	.05	1
2+50S 0+25E	1	12	21	214	.4	22	8	777	4.21	5	5	ND	8	26	.2	3	2	39	1.38	.117	31	17	.63	150	.21	8	4.84	.04	.09	1
2+50S 0+50E	1	8	78	330	.2	17	6	1284	4.00	2	5	ND	5	23	.9	2	2	38	.70	.197	14	15	.39	197	.24	10	5.04	.04	.08	1
2+50S 0+75E	1	10	101	1840	.3	27	9	882	4.20	9	5	ND	8	25	4.1	5	2	43	1.30	.314	22	20	.70	220	.16	9	3.36	.04	.12	7
2+50S 1+00E	2	8	74	821	.3	24	8	836	3.85	8	5	ND	7	25	2.6	3	2	45	.95	.088	23	19	.65	188	.19	9	3.89	.05	.11	3
2+50S 1+25E	1	11	230	1434	.4	30	8	819	5.11	10	5	ND	7	25	3.2	3	2	48	.93	.140	21	20	.63	174	.18	6	3.74	.04	.11	5
2+50S 1+50E	1	11	219	565	.2	23	9	715	3.65	7	5	ND	7	20	1.1	4	2	40	.42	.191	18	22	.38	160	.17	2	3.99	.03	.08	2
2+50S 1+75E	1	8	75	295	.3	24	9	467	3.40	5	5	ND	8	20	.7	2	2	39	.46	.250	21	21	.47	158	.16	5	4.17	.03	.09	1
2+50S 2+00E	1	8	47	351	.3	17	7	444	2.64	2	5	ND	5	22	.2	2	2	32	.52	.270	13	15	.31	119	.16	7	3.83	.04	.09	1
2+50S 2+25E	3	15	154	1134	1.3	47	12	533	3.69	10	5	ND	8	22	2.3	3	2	51	1.12	.225	23	22	.69	135	.12	5	3.45	.03	.09	4
2+50S 2+50E	2	18	63	318	.6	46	10	310	3.30	9	5	ND	7	21	.3	4	3	41	.38	.290	13	17	.34	230	.15	5	3.49	.03	.10	1
2+50S 2+75E	1	9	14	919	.6	27	11	314	2.65	2	5	ND	4	20	.5	3	3	60	.28	.263	11	15	.25	198	.17	5	3.71	.03	.09	5
2+50S 3+00E	1	12	22	258	.4	34	10	260	2.18	3	5	ND	5	21	.4	2	2	66	.31	.066	15	16	.32	222	.10	6	2.53	.02	.15	1
2+50S 3+25E	1	10	43	294	.1	20	8	475	2.75	6	5	ND	5	21	.2	2	3	34	.27	.173	11	14	.31	164	.18	4	3.92	.04	.07	1
2+50S 3+50E	1	9	52	414	.1	21	9	740	3.05	2	5	ND	6	19	.5	2	3	36	.35	.197	15	16	.32	181	.15	5	3.72	.03	.08	1
2+50S 3+75E	1	13	45	292	.1	23	9	438	3.14	4	5	ND	7	16	.2	2	2	40	.22	.164	10	17	.34	175	.15	4	4.43	.03	.08	1
2+50S 4+00E	1	10	28	279	.1	21	9	553	2.92	6	5	ND	5	15	.2	2	2	39	.24	.204	10	17	.27	153	.16	2	4.01	.03	.08	2
2+50S 4+25E	1	8	23	182	.1	16	7	263	2.63	5	6	ND	5	12	.2	3	2	33	.15	.170	7	14	.19	115	.18	4	4.70	.03	.06	2
2+50S 4+50E	1	18	45	172	.4	29	11	463	3.10	6	5	ND	10	15	.2	2	2	36	.18	.071	21	20	.49	223	.11	3	3.70	.02	.11	1
2+50S 4+75E	1	13	34	198	.2	24	9	489	2.87	8	5	ND	7	15	.2	2	2	34	.19	.486	16	18	.38	222	.11	3	3.52	.02	.10	2
2+50S 5+00E	1	16	59	385	.3	28	11	1237	3.44	5	5	ND	5	19	1.2	2	2	32	1.43	.242	24	25	1.17	216	.05	2	2.49	.01	.14	1
2+50S 5+50E	1	9	20	144	.2	23	7	179	2.66	9	5	ND	8	12	.3	2	2	36	.18	.082	25	23	.51	95	.05	4	1.72	.01	.07	1
2+50S 6+00E	2	13	23	214	.2	31	11	265	3.13	5	5	ND	7	16	.3	3	2	39	.26	.190	14	20	.45	168	.10	2	3.51	.02	.09	1
3+00S 10+00W	1	9	44	2243	.4	13	6	492	1.89	3	5	ND	2	19	4.5	2	2	19	6.67	.085	11	14	3.54	134	.05	4	1.64	.02	.09	12
3+00S 9+50W	1	21	31	233	.1	37	14	790	3.40	3	5	ND	11	19	.2	2	2	26	.21	.111	28	27	.58	165	.09	3	2.80	.02	.13	1
3+00S 9+00W	1	9	85	1234	.2	22	10	1473	3.33	6	5	ND	6	20	4.6	2	2	30	1.58	.143	20	19	1.10	279	.13	6	3.37	.03	.13	4
3+00S 8+50W	1	9	185	8892	.4	17	8	1359	3.68	6	5	ND	4	26	19.0	3	2	28	2.18	.149	18	19	1.23	225	.12	7	3.07	.04	.10	10
3+00S 8+00W	1	15	26	255	.1	29	11	616	3.11	3	5	ND	9	24	.2	2	2	26	.35	.112	23	20	.54	276	.15	2	4.13	.04	.10	1
3+00S 7+25W	1	12	36	203	.1	24	10	264	3.23	2	7	ND	9	21	.2	3	3	38	.44	.075	23	24	.68	176	.17	4	4.53	.03	.11	1
3+00S 7+00W	1	6	22	232	.2	13	6	466	2.59	2	5	ND	5	24	.2	2	2	32	.64	.222	16	15	.32	143	.25	6	4.90	.04	.06	1
3+00S 6+75W	1	10	37	270	.2	16	7	419	2.56	2	5	ND	6	17	.9	2	2	31	.30	.177	14	15	.31	178	.18	4	4.26	.03	.06	1
3+00S 6+50W	1	6	29	298	.1	11	7	928	2.34	2	5	ND	3	12	1.0	2	2	32	.20	.201	7	11	.20	171	.17	3	2.92	.02	.05	1
STANDARD C	18	58	41	128	7.1	70	32	1033	3.90	39	18	7	39	52	18.4	14	19	55	.47	.089	38	58	.88	174	.09	36	1.86	.06	.15	11

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
3+00S 6+25W	1	8	41	258	.1	15	9	678	2.67	6	5	ND	4	14	1.6	2	2	32	.20	.157	8	18	.29	167	.16	5	3.84	.02	.06	1
3+00S 6+00W	1	12	85	282	.1	17	9	573	2.99	2	5	ND	4	14	2.1	2	2	34	.23	.116	14	18	.32	170	.16	10	3.86	.02	.08	1
3+00S 5+75W	1	15	45	170	.1	12	7	192	2.36	2	5	ND	5	17	1.5	2	2	27	.23	.088	14	14	.24	141	.17	6	5.20	.03	.04	1
3+00S 5+50W	1	16	65	173	.1	11	9	475	2.87	2	5	ND	5	19	1.9	2	2	32	.75	.079	23	18	.60	111	.15	2	3.95	.03	.06	1
3+00S 5+25W	1	10	81	356	.1	13	8	3439	2.50	2	5	ND	2	13	3.9	2	2	29	.51	.070	10	16	.34	297	.12	2	2.14	.02	.07	1
3+00S 5+00W	1	13	59	264	.1	17	9	686	3.08	2	5	ND	5	23	3.3	2	2	32	.92	.079	27	17	.66	163	.18	8	4.55	.03	.08	1
3+00S 4+75W	1	10	36	260	.1	15	8	461	2.71	3	5	ND	5	18	4.9	2	2	30	.66	.202	18	16	.42	128	.17	7	4.39	.03	.06	1
3+00S 4+50W	1	9	132	590	.1	13	7	914	2.88	2	8	ND	3	16	8.2	2	2	32	.78	.169	13	16	.38	158	.14	3	3.28	.03	.06	1
3+00S 4+25W	1	15	45	200	.1	16	8	365	2.53	2	5	ND	5	25	3.5	2	2	28	.52	.091	18	16	.35	130	.17	2	4.35	.05	.06	1
3+00S 4+00W	1	8	68	371	.1	15	8	733	3.14	2	5	ND	3	14	2.3	2	2	39	.23	.144	8	19	.24	202	.16	2	3.22	.02	.06	1
3+00S 3+75W	1	11	77	289	.1	16	8	255	2.87	2	5	ND	4	17	3.2	2	3	33	.26	.085	14	16	.28	126	.17	4	4.91	.03	.04	1
3+00S 3+50W	1	16	45	192	.1	21	10	513	2.94	2	5	ND	6	16	1.3	2	2	36	.23	.084	14	19	.34	169	.14	6	3.99	.02	.06	1
3+00S 3+25W	1	11	49	259	.2	16	8	495	3.20	3	5	ND	5	11	2.1	3	2	45	.18	.065	11	21	.29	160	.14	2	3.01	.02	.06	1
3+00S 3+00W	1	7	138	363	.1	23	11	1497	3.49	6	5	ND	4	12	3.3	2	2	34	.41	.141	14	21	.40	146	.08	4	2.45	.01	.08	1
3+00S 2+75W	1	10	49	222	.1	22	9	546	3.22	2	7	ND	5	15	1.6	2	2	36	.44	.165	22	21	.39	154	.12	2	3.39	.02	.06	1
3+00S 2+50W	1	16	85	196	.3	14	9	894	2.11	8	5	ND	3	19	1.2	2	2	20	7.04	.086	14	16	4.14	117	.03	4	1.12	.01	.11	1
3+00S 2+25W	1	10	94	240	.1	16	8	411	2.80	2	6	ND	4	13	1.5	2	2	34	.34	.108	13	17	.33	148	.14	2	3.55	.02	.06	1
3+00S 2+00W	1	12	67	224	.1	15	9	390	2.66	3	5	ND	5	16	1.1	2	2	33	.20	.184	7	16	.23	114	.17	3	3.57	.03	.06	1
3+00S 1+75W	1	17	162	274	.2	33	14	418	3.74	12	5	ND	7	12	.7	6	2	35	.28	.085	17	26	.53	215	.09	6	3.19	.02	.08	1
3+00S 1+50W	1	8	73	221	.1	20	10	348	3.01	2	5	ND	5	13	.8	2	2	35	.27	.081	13	20	.35	123	.13	7	3.61	.02	.08	1
3+00S 1+25W	1	12	114	251	.1	25	12	409	3.37	5	5	ND	6	12	.2	2	2	41	.25	.127	17	21	.44	139	.09	4	3.03	.02	.07	1
3+00S 1+00W	1	12	32	199	.1	17	10	288	2.98	3	5	ND	5	15	1.1	2	3	38	.23	.197	10	20	.29	154	.17	11	5.29	.03	.06	1
3+00S 0+75W	1	7	60	446	.2	17	8	1212	3.30	2	5	ND	4	16	2.3	3	2	45	.62	.184	13	21	.51	208	.18	7	4.51	.03	.07	1
3+00S 0+50W	1	8	29	222	.1	17	9	1141	2.99	2	5	ND	3	15	1.0	2	2	37	.24	.134	7	19	.26	148	.19	5	4.67	.03	.05	1
3+00S 0+25W	1	8	86	265	.1	20	11	670	3.54	4	5	ND	8	18	1.2	4	2	44	.38	.155	18	22	.40	174	.18	9	4.76	.03	.06	1
3+00S 0+00	1	8	66	228	.1	17	9	368	3.19	2	5	ND	5	14	.6	2	2	39	.24	.085	8	18	.27	142	.17	7	4.43	.03	.05	1
3+00S 0+25E	1	12	19	146	.1	13	4	342	2.13	2	5	ND	3	28	1.4	2	2	21	.75	.098	17	11	.27	104	.20	8	4.74	.05	.05	1
3+00S 0+50E	1	12	38	309	.1	24	8	566	4.33	2	5	ND	5	20	1.0	2	2	44	.84	.114	25	19	.60	154	.19	6	4.85	.03	.07	1
3+00S 0+75E	1	16	70	290	.1	21	11	515	3.07	9	5	ND	5	16	.8	2	2	36	.53	.086	17	21	.55	200	.13	2	3.88	.03	.08	1
3+00S 1+00E	1	13	105	612	.4	18	8	2731	3.32	13	5	ND	3	24	3.3	4	2	32	2.50	.171	19	19	1.42	277	.11	8	2.83	.03	.09	1
3+00S 1+25E	1	4	54	320	.1	16	8	619	2.45	2	5	ND	3	15	.4	2	2	31	.51	.118	9	16	.38	146	.14	5	3.11	.02	.07	1
3+00S 1+50E	1	13	81	237	.3	20	9	359	2.78	8	5	ND	5	12	.3	5	2	33	.17	.068	11	18	.33	155	.13	6	3.62	.02	.08	1
3+00S 1+75E	1	11	102	209	.1	18	9	401	2.78	2	5	ND	6	16	.6	2	2	33	.25	.091	20	17	.37	154	.13	3	3.48	.02	.08	1
3+00S 2+00E	1	10	54	209	.1	16	7	318	2.50	4	5	ND	2	13	.6	2	2	31	.17	.141	7	16	.23	117	.15	4	3.13	.02	.06	1
3+00S 2+25E	1	10	74	417	.1	21	8	229	2.92	2	5	ND	4	16	1.1	2	2	36	.31	.340	8	17	.25	102	.18	4	5.12	.03	.06	1
3+00S 2+50E	1	8	36	178	.1	16	7	1162	2.32	4	5	ND	3	29	.7	2	2	32	1.02	.391	18	16	.58	191	.14	3	3.65	.04	.10	1
3+00S 2+75E	1	7	35	220	.1	19	6	1155	2.35	3	5	ND	2	19	1.1	2	2	30	.38	.325	7	18	.22	238	.16	2	3.82	.03	.07	1
STANDARD C	18	60	37	129	7.2	70	32	1041	3.91	38	18	7	39	53	18.1	18	19	56	.47	.088	39	59	.88	176	.09	34	1.87	.06	.15	11

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
3+00S 3+00E	2	11	16	225	.5	27	8	260	1.76	2	5	ND	5	15	.3	2	2	44	.23	.064	16	11	.17	236	.06	4	1.75	.02	.14	1
3+00S 3+25E	2	12	22	115	.4	35	11	241	2.55	2	5	ND	5	15	.3	2	2	58	.21	.070	16	18	.37	273	.09	4	2.47	.01	.12	1
3+00S 3+50E	1	10	25	255	.2	18	7	284	2.11	5	5	ND	5	17	.3	2	2	29	.19	.170	10	12	.21	215	.16	3	3.78	.02	.06	1
3+00S 3+75E	1	5	52	259	.1	17	8	917	2.64	6	5	ND	4	14	.2	2	2	37	.20	.304	7	15	.25	201	.14	3	4.16	.02	.07	1
3+00S 4+00E	2	12	52	207	.3	18	8	586	2.64	6	5	ND	6	16	.7	2	2	29	.28	.182	8	13	.30	172	.17	3	5.19	.02	.05	1
3+00S 4+25E	1	12	34	186	.1	18	9	382	2.56	3	5	ND	5	14	.5	2	2	31	.47	.218	10	16	.47	189	.14	2	4.36	.02	.08	1
3+00S 4+50E	2	12	24	197	.3	21	10	596	2.65	6	5	ND	4	9	.2	2	2	33	.10	.149	11	17	.34	173	.13	2	3.54	.02	.07	1
3+00S 4+75E	1	11	15	112	.3	8	5	449	1.55	5	5	ND	3	10	.2	2	2	24	.09	.124	6	10	.13	123	.14	3	3.14	.02	.04	1
3+00S 5+00E	2	9	16	197	.3	18	8	181	2.58	8	5	ND	5	9	.3	2	2	39	.07	.208	10	17	.26	147	.09	2	3.30	.01	.05	1
3+00S 5+50E	1	11	8	152	.3	15	9	340	2.32	5	5	ND	6	11	.2	2	2	24	.09	.143	9	15	.25	95	.10	28	3.93	.03	.05	1
3+50S 10+00W	1	8	47	1793	.1	20	9	243	2.80	5	5	ND	5	12	1.2	2	2	26	.14	.111	12	22	.29	137	.14	4	4.24	.03	.05	3
3+50S 9+75W	1	13	43	1257	.2	21	9	357	2.99	6	5	ND	6	17	2.5	2	2	27	.28	.185	18	20	.33	163	.15	3	4.03	.03	.06	2
3+50S 9+50W	1	15	20	277	.1	31	13	530	3.13	8	5	ND	8	14	.3	2	2	25	.14	.116	19	23	.43	200	.10	2	3.38	.02	.10	1
3+50S 9+25W	1	18	23	195	.1	30	12	556	2.97	4	5	ND	7	15	.2	2	2	26	.16	.092	24	22	.43	211	.10	2	3.18	.02	.10	1
3+50S 9+00W	1	11	22	196	.2	22	9	962	2.39	7	5	ND	5	17	.2	3	2	27	.29	.135	13	19	.28	207	.15	3	3.82	.03	.08	1
3+50S 8+75W	1	6	16	250	.1	14	6	308	2.29	5	5	ND	4	16	.4	2	2	23	.32	.241	8	12	.18	152	.19	5	4.79	.03	.06	1
3+50S 8+50W	1	8	19	228	.1	12	5	303	1.98	4	5	ND	4	22	1.2	2	2	20	.55	.297	11	12	.19	123	.19	6	4.65	.04	.06	3
3+50S 8+25W	1	9	30	433	.1	11	5	664	2.02	6	5	ND	4	20	2.0	2	2	19	.83	.299	10	11	.36	163	.17	5	3.71	.03	.07	1
3+50S 8+00W	1	10	32	185	.1	12	6	644	2.01	4	5	ND	4	28	1.6	2	2	18	.84	.216	14	12	.40	172	.16	5	3.88	.04	.06	1
3+50S 7+75W	1	13	41	433	.2	21	9	359	2.86	8	5	ND	6	17	.3	2	2	25	.26	.203	17	17	.36	188	.17	4	4.58	.03	.07	4
3+50S 7+50W	1	5	46	579	.1	9	4	504	1.37	3	5	ND	3	22	2.2	2	2	17	.89	.187	8	11	.40	282	.11	6	1.68	.04	.10	1
3+50S 7+25W	1	11	106	239	.2	7	4	892	1.79	6	6	ND	2	27	1.5	5	2	17	3.74	.227	10	11	1.06	179	.08	6	1.59	.03	.10	2
3+50S 7+00W	1	11	23	173	.1	14	6	206	2.27	2	5	ND	5	16	.7	2	2	25	.30	.178	6	11	.23	142	.19	3	4.79	.03	.05	1
3+50S 6+75W	1	10	19	199	.3	11	6	190	2.18	7	6	ND	4	16	1.6	4	3	23	.28	.223	7	10	.17	165	.18	4	4.60	.03	.05	2
3+50S 6+50W	1	7	26	213	.1	13	7	343	2.32	3	5	ND	4	12	1.1	2	2	25	.14	.153	6	12	.18	145	.18	28	4.25	.03	.05	1
3+50S 6+25W	1	8	31	181	.2	15	7	495	2.31	4	5	ND	3	11	.7	2	2	27	.14	.134	7	14	.21	163	.16	4	3.27	.03	.05	2
3+50S 6+00W	1	13	106	394	.1	19	7	633	2.90	7	5	ND	5	15	2.3	2	2	28	.34	.148	12	17	.32	180	.14	4	3.58	.03	.06	1
3+50S 5+75W	1	7	120	258	.2	17	7	361	3.10	5	8	ND	5	11	.4	5	3	32	.15	.101	9	17	.28	157	.17	3	4.04	.02	.05	3
3+50S 5+50W	1	10	63	326	.1	10	5	293	2.27	2	5	ND	4	18	1.5	2	2	23	.22	.108	6	8	.14	130	.21	6	5.01	.04	.04	1
3+50S 5+25W	1	10	148	351	.1	19	7	584	3.14	4	5	ND	5	16	3.1	2	2	29	.54	.072	16	17	.48	187	.14	4	3.26	.03	.07	1
3+50S 5+00W	1	16	25	119	.1	11	6	452	2.71	2	5	ND	4	19	1.6	2	2	27	.31	.090	13	12	.27	113	.20	4	4.67	.04	.05	1
3+50S 4+75W	1	8	47	311	.1	16	7	643	2.93	4	5	ND	4	17	3.8	2	2	31	.21	.101	8	15	.27	146	.19	3	4.43	.04	.06	1
3+50S 4+50W	1	3	51	287	.1	15	7	1000	2.96	2	5	ND	5	17	4.0	2	2	31	.41	.124	13	20	.37	168	.17	3	3.50	.02	.06	1
3+50S 4+25W	1	11	46	321	.1	12	7	348	3.02	9	5	ND	5	17	4.6	2	2	32	.32	.145	10	17	.30	147	.21	4	5.11	.03	.04	3
3+50S 4+00W	1	11	59	354	.1	19	8	952	3.28	6	5	ND	6	18	3.7	2	2	33	.82	.140	24	19	.63	162	.15	4	3.88	.03	.05	1
3+50S 3+75W	1	13	54	423	.1	20	8	731	3.68	8	5	ND	6	15	2.6	2	2	37	.40	.172	16	20	.36	162	.16	4	4.15	.03	.06	2
STANDARD C	19	62	42	130	7.0	75	31	1067	3.98	39	17	7	37	52	18.6	15	22	56	.49	.091	38	59	.88	175	.09	32	1.89	.05	.14	12

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
3+50S 3+50W	1	10	37	255	.1	17	7	380	2.78	3	5	ND	5	15	2.2	2	4	29	.23	.105	11	14	.24	125	.17	5	4.45	.03	.04	1
3+50S 3+25W	1	12	50	281	.1	19	8	487	3.15	2	5	ND	5	14	2.6	2	2	33	.23	.105	13	16	.29	166	.16	3	3.98	.03	.06	1
3+50S 3+00W	1	15	69	493	.1	19	7	902	3.74	5	5	ND	6	18	10.5	2	2	32	.68	.124	25	19	.43	164	.15	5	3.95	.04	.07	1
3+50S 2+75W	1	15	60	327	.1	22	8	341	3.84	2	5	ND	6	15	3.9	2	2	36	.28	.087	23	20	.43	150	.15	3	4.27	.03	.06	1
3+50S 2+50W	1	12	60	280	.1	16	8	382	3.51	4	5	ND	5	11	2.2	2	2	35	.20	.090	14	19	.34	149	.14	2	3.94	.02	.04	3
3+50S 2+25W	1	13	60	259	.1	17	8	621	3.30	3	5	ND	6	17	3.5	2	2	33	.34	.093	25	18	.40	161	.16	4	4.34	.03	.07	1
3+50S 2+00W	1	15	128	327	.1	15	7	884	3.21	5	5	ND	4	11	2.8	2	2	31	.47	.138	18	18	.44	198	.11	3	3.08	.02	.07	1
3+50S 1+75W	1	11	70	309	.1	18	8	666	2.89	3	5	ND	5	12	2.2	2	2	32	.21	.103	11	18	.31	148	.13	4	3.17	.02	.07	1
3+50S 1+50W	1	13	38	204	.1	16	7	773	2.61	2	5	ND	3	13	1.5	2	2	32	.18	.124	6	14	.20	186	.17	4	3.92	.03	.08	1
3+50S 1+25W	1	14	33	186	.2	23	8	338	2.79	7	5	ND	4	13	1.1	2	2	34	.16	.105	9	16	.29	156	.15	3	3.99	.02	.05	1
3+50S 1+00W	1	11	50	224	.1	17	7	697	2.85	2	5	ND	3	12	.4	2	2	35	.23	.224	9	17	.23	238	.14	3	2.89	.02	.06	1
3+50S 0+75W	1	13	46	199	.1	18	7	224	2.84	3	5	ND	5	15	1.4	2	2	30	.24	.111	13	14	.25	145	.16	2	5.00	.04	.06	1
3+50S 0+50W	1	8	58	225	.1	16	7	395	2.79	2	5	ND	3	8	.5	2	2	33	.10	.066	9	16	.26	136	.13	2	3.22	.02	.05	1
3+50S 0+25W	1	16	54	238	.1	17	8	581	3.14	2	5	ND	6	16	2.0	2	2	31	.43	.091	22	18	.47	189	.17	3	4.71	.03	.07	1
3+50S 0+00	1	10	54	221	.1	19	8	646	3.24	5	5	ND	5	13	1.2	2	2	34	.17	.091	11	19	.28	191	.18	3	4.72	.03	.04	1
3+50S 0+25E	1	11	57	252	.1	17	7	629	2.62	2	5	ND	3	11	.9	2	2	27	.12	.109	9	15	.22	160	.15	3	3.99	.03	.05	1
3+50S 0+50E	1	10	38	244	.1	16	7	856	2.64	2	5	ND	2	10	1.1	2	2	31	.11	.180	8	19	.18	126	.15	2	3.58	.03	.06	1
3+50S 0+75E	1	18	48	244	.1	23	9	869	2.84	2	5	ND	4	19	1.6	2	2	31	.26	.094	11	18	.36	211	.15	3	3.83	.05	.14	1
3+50S 1+00E	1	17	73	237	.1	24	9	612	3.01	5	5	ND	5	15	1.6	2	2	26	.29	.088	16	20	.47	192	.12	3	3.30	.02	.11	3
3+50S 1+25E	1	13	28	183	.1	17	7	293	2.52	2	5	ND	3	12	1.5	2	2	26	.12	.138	5	15	.22	117	.18	3	4.75	.04	.08	1
3+50S 1+50E	1	13	53	264	.1	17	7	652	2.63	5	5	ND	3	13	.8	2	2	28	.15	.161	7	14	.24	145	.16	28	3.83	.03	.06	1
3+50S 1+75E	1	13	80	254	.1	22	8	517	2.85	2	5	ND	5	15	1.7	2	3	25	.35	.163	17	16	.41	196	.14	4	3.86	.03	.10	1
3+50S 2+00E	1	13	67	532	.1	18	6	1833	2.78	3	5	ND	4	23	2.4	2	2	33	.99	.431	15	19	.66	271	.16	5	4.07	.05	.14	1
3+50S 2+25E	3	13	54	215	.1	25	7	363	3.06	5	5	ND	6	21	1.1	2	2	38	.57	.405	18	20	.65	146	.18	30	4.94	.03	.08	1
3+50S 2+50E	21	13	82	253	.1	39	8	875	3.30	16	5	ND	6	24	1.7	2	2	46	.94	.472	23	19	.65	177	.14	5	4.08	.03	.16	1
3+50S 2+75E	1	8	60	246	.1	21	7	781	2.53	2	5	ND	3	17	1.1	2	2	29	.27	.298	8	17	.23	234	.13	28	2.50	.03	.10	1
3+50S 3+00E	1	21	45	127	.1	34	8	188	2.40	2	5	ND	5	17	.9	2	2	36	.23	.090	20	13	.30	230	.08	24	2.30	.03	.19	1
3+50S 3+25E	1	10	19	93	.2	30	8	450	2.05	2	5	ND	3	18	.4	2	2	59	.22	.099	12	19	.26	340	.11	5	2.53	.03	.17	1
3+50S 3+50E	1	18	18	50	.1	33	10	406	2.13	2	5	ND	4	16	.3	2	2	40	.30	.090	20	14	.28	272	.07	5	1.91	.01	.23	1
3+50S 3+75E	1	14	8	51	.1	26	8	502	2.47	2	5	ND	5	22	.3	2	2	18	.35	.087	21	17	.61	347	.11	6	2.69	.02	.41	1
3+50S 4+00E	1	11	32	143	.1	24	8	369	2.33	2	5	ND	5	18	.3	2	2	23	.31	.206	17	17	.42	241	.10	4	2.78	.02	.24	1
3+50S 4+25E	1	15	26	205	.1	27	8	556	2.38	3	5	ND	5	16	1.2	2	2	34	.18	.291	10	15	.39	223	.13	3	3.76	.03	.12	1
3+50S 4+50E	1	15	42	275	.1	28	10	534	2.40	2	5	ND	4	15	1.2	2	2	44	.18	.111	15	17	.55	236	.09	3	2.25	.01	.18	1
3+50S 4+75E	1	24	18	350	.4	26	7	237	2.11	2	5	ND	5	17	2.1	2	2	42	.18	.129	13	15	.43	301	.15	3	3.09	.03	.16	1
3+50S 5+00E	1	10	15	114	.5	15	5	144	2.02	6	5	ND	4	21	.6	2	2	26	.27	.276	5	12	.20	99	.16	3	4.59	.03	.05	1
3+50S 5+50E	1	12	15	186	.1	19	6	687	2.23	4	5	ND	3	12	.7	2	2	29	.12	.174	10	13	.30	210	.13	2	3.15	.02	.07	1
STANDARD C	18	62	38	132	6.9	74	33	1052	3.98	36	18	7	36	51	18.6	15	20	56	.48	.091	37	58	.88	176	.09	35	1.92	.05	.15	12

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
4+00S 10+00W	1	10	35	535	.2	7	10	1148	2.40	6	5	ND	4	14	1.3	2	2	28	.25	.384	6	15	.18	159	.16	5	3.60	.02	.05	1
4+00S 9+50W	1	6	20	287	.1	16	8	509	2.44	2	5	ND	4	16	.4	2	3	31	.23	.217	7	18	.25	195	.17	2	4.63	.03	.07	1
4+00S 9+00W	1	15	95	325	.2	21	12	488	3.37	6	5	ND	8	23	1.2	2	3	33	.67	.196	26	23	.58	163	.14	7	4.14	.03	.09	1
4+00S 8+50W	1	5	40	322	.1	9	5	541	1.71	2	8	ND	3	27	1.4	2	3	21	1.43	.363	11	13	.61	227	.16	4	2.97	.05	.09	1
4+00S 7+75W	1	11	101	350	.3	4	4	865	1.31	5	5	ND	2	21	2.7	2	2	12	7.49	.158	7	9	3.64	163	.05	4	.98	.02	.07	1
4+00S 7+50W	1	10	83	281	.1	18	9	528	2.85	4	5	ND	5	22	1.8	2	2	23	.91	.119	20	17	.68	140	.13	5	3.49	.03	.09	1
4+00S 7+25W	1	8	31	195	.2	10	6	679	1.95	9	5	ND	4	20	2.1	4	6	20	1.08	.274	13	14	.44	229	.10	8	2.04	.03	.06	1
4+00S 7+00W	1	6	35	229	.1	21	10	206	2.87	2	5	ND	5	13	.8	2	2	35	.19	.084	10	19	.32	177	.17	2	4.31	.03	.05	1
4+00S 6+75W	1	13	16	104	.1	11	7	191	2.44	5	5	ND	4	18	.6	2	2	29	.23	.146	9	11	.21	101	.23	5	5.99	.04	.04	2
4+00S 6+50W	1	6	19	354	.1	12	7	449	2.19	4	5	ND	3	13	1.3	2	2	27	.26	.202	6	14	.21	131	.16	6	3.19	.02	.05	1
4+00S 6+25W	1	6	28	252	.1	6	7	503	2.12	2	5	ND	2	14	1.6	2	2	27	.19	.206	4	12	.14	170	.18	2	2.83	.03	.05	1
4+00S 6+00W	1	9	134	317	.1	14	10	409	3.23	2	5	ND	5	13	2.2	2	2	32	.28	.098	16	18	.35	153	.12	2	3.18	.02	.06	1
4+00S 5+75W	1	8	47	315	.1	15	8	354	2.72	2	5	ND	4	14	1.4	2	2	36	.14	.088	6	14	.19	177	.20	8	4.30	.03	.05	1
4+00S 5+50W	1	10	88	314	.1	17	9	968	2.92	10	5	ND	5	16	3.1	3	2	31	1.45	.104	18	19	.88	192	.11	3	3.01	.02	.06	1
4+00S 5+25W	1	9	48	179	.1	17	10	552	2.71	3	8	ND	5	16	.7	2	2	27	.37	.125	12	18	.36	169	.13	4	3.40	.02	.07	1
4+00S 5+00W	1	4	36	270	.1	15	8	1149	2.77	2	5	ND	4	20	4.9	2	3	36	.53	.135	15	21	.45	222	.17	4	3.47	.03	.07	1
4+00S 4+75W	1	9	40	365	.1	11	6	1570	2.24	2	5	ND	3	25	11.1	2	2	28	1.04	.147	11	16	.59	276	.17	3	3.25	.05	.08	1
4+00S 4+50W	1	9	28	194	.1	18	8	359	2.64	2	5	ND	6	24	3.0	3	3	30	.42	.078	17	16	.39	183	.22	8	5.42	.04	.08	1
4+00S 4+25W	1	8	31	305	.1	18	7	672	2.79	2	7	ND	4	20	4.3	2	2	33	.55	.166	12	16	.36	229	.20	5	4.66	.03	.07	1
4+00S 4+00W	1	9	62	419	.1	15	8	1953	2.91	2	5	ND	4	21	2.5	2	2	36	.65	.222	11	18	.39	261	.16	6	3.49	.03	.10	1
4+00S 3+75W	1	6	63	561	.1	18	9	376	3.70	2	5	ND	6	17	3.7	2	2	42	.29	.101	16	21	.33	166	.18	5	4.72	.03	.06	1
4+00S 3+50W	1	10	94	682	.1	24	10	1138	4.48	2	5	ND	8	22	8.2	2	5	48	.72	.090	27	24	.61	165	.16	5	4.20	.03	.08	1
4+00S 3+25W	1	9	241	972	.1	22	13	1202	4.76	6	5	ND	6	20	7.9	3	2	52	.39	.139	15	23	.37	229	.18	3	4.08	.03	.11	1
4+00S 3+00W	1	12	88	622	.1	19	11	456	3.97	6	5	ND	7	16	4.4	3	2	44	.21	.096	11	18	.29	144	.19	2	5.01	.03	.06	2
4+00S 2+75W	1	14	91	766	.1	22	10	1391	4.55	5	5	ND	6	19	13.3	2	2	48	.64	.107	20	19	.46	232	.19	5	4.95	.03	.06	1
4+00S 2+50W	2	13	155	1030	.2	38	15	2527	5.47	22	5	ND	7	20	21.6	2	2	51	1.23	.113	29	21	.82	249	.12	4	3.17	.02	.09	1
4+00S 2+25W	1	10	70	531	.1	20	10	638	3.77	2	5	ND	7	22	6.7	2	2	43	.45	.084	25	20	.39	161	.20	4	5.31	.04	.06	1
4+00S 2+00W	1	10	97	499	.1	25	12	634	3.95	4	5	ND	6	14	.9	2	2	44	.22	.107	14	19	.28	174	.17	2	4.04	.02	.06	1
4+00S 1+75W	1	9	51	246	.1	17	9	721	3.24	2	5	ND	6	19	1.9	2	2	35	.71	.108	24	19	.50	150	.17	5	4.32	.03	.07	1
4+00S 1+50W	1	7	146	262	.2	19	9	618	3.28	8	5	ND	5	14	1.9	4	2	39	.33	.113	18	19	.40	148	.11	3	3.27	.02	.07	1
4+00S 1+25W	1	5	66	228	.4	15	8	739	2.55	7	5	ND	4	14	.8	6	2	33	.29	.160	8	16	.23	167	.15	28	3.45	.03	.07	1
4+00S 1+00W	1	13	65	183	.1	21	10	496	2.93	5	6	ND	5	13	1.0	3	2	36	.23	.149	18	17	.32	158	.15	3	3.90	.02	.07	1
4+00S 0+75W	1	16	116	313	.3	17	9	499	2.49	9	5	ND	5	13	1.2	2	2	28	1.90	.125	20	17	1.27	165	.08	3	2.42	.02	.08	1
4+00S 0+50W	1	12	105	277	.2	23	10	239	2.99	5	5	ND	5	13	.9	2	2	32	.27	.095	11	19	.37	213	.12	2	4.02	.02	.06	1
4+00S 0+25W	1	9	35	211	.1	12	6	655	2.30	3	5	ND	2	13	.8	2	2	33	.19	.230	7	14	.17	176	.16	4	3.29	.02	.06	1
4+00S 0+00	1	9	44	223	.3	19	8	471	2.76	5	5	ND	5	13	.8	11	2	38	.22	.111	9	17	.28	175	.15	4	3.67	.02	.07	1
STANDARD C	19	59	40	133	7.2	69	33	1054	3.98	38	22	7	39	53	18.8	15	19	56	.48	.092	39	58	.89	174	.09	34	1.87	.07	.15	12

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
4+00S 0+25E	1	14	60	254	.1	20	7	694	2.72	6	5	ND	4	11	.3	2	2	33	.26	.107	11	17	.33	247	.11	3	2.79	.02	.08	1
4+00S 0+50E	1	9	27	169	.2	15	7	298	2.42	2	5	ND	3	12	.4	2	2	28	.21	.077	5	13	.16	137	.17	3	4.49	.02	.04	1
4+00S 0+75E	1	14	71	217	.1	15	7	429	2.81	2	5	ND	4	12	.9	2	2	31	.16	.100	8	15	.23	181	.17	2	4.25	.03	.05	1
4+00S 1+00E	1	13	33	229	.1	11	6	447	2.56	2	5	ND	4	14	1.2	2	2	27	.18	.137	9	12	.19	142	.18	4	5.53	.04	.05	1
4+00S 1+25E	1	9	45	271	.1	16	7	743	2.78	2	5	ND	3	10	.7	2	2	30	.15	.143	7	16	.21	158	.15	3	3.07	.03	.06	1
4+00S 1+50E	1	13	31	189	.1	15	7	778	2.41	7	5	ND	4	11	.9	2	2	28	.14	.136	9	17	.23	180	.15	3	3.23	.03	.07	2
4+00S 1+75E	1	9	48	250	.1	14	8	1301	2.65	4	5	ND	3	12	1.2	2	2	29	.24	.221	6	14	.23	139	.14	2	3.31	.02	.08	1
4+00S 2+00E	2	16	24	255	.1	16	7	742	2.82	3	5	ND	4	19	1.7	2	2	35	.58	.401	11	15	.37	162	.17	5	4.65	.04	.07	1
4+00S 2+25E	1	13	50	308	.3	23	7	439	2.61	7	5	ND	4	15	1.4	2	2	26	.24	.175	10	14	.25	150	.14	3	3.31	.03	.07	1
4+00S 2+50E	1	15	65	280	.2	27	8	293	2.59	2	5	ND	4	16	.9	2	2	28	.33	.163	15	17	.35	219	.11	5	2.88	.03	.12	1
4+00S 2+75E	1	11	24	164	.1	30	8	591	1.94	4	5	ND	3	16	.8	2	2	63	.23	.094	13	15	.20	320	.08	4	2.09	.02	.12	1
4+00S 3+00E	2	19	20	120	.2	39	12	288	2.46	2	5	ND	6	15	.5	2	2	41	.19	.038	19	14	.23	187	.09	3	2.26	.02	.17	1
4+00S 3+25E	1	22	13	86	.2	38	12	211	2.74	2	5	ND	8	22	.6	2	2	21	.23	.078	16	12	.25	228	.13	5	3.33	.04	.20	1
4+00S 3+50E	2	12	18	77	.4	32	9	304	2.15	4	5	ND	6	23	.3	2	2	22	.26	.055	18	15	.26	265	.10	5	2.41	.02	.13	2
4+00S 3+75E	1	15	17	62	.2	33	9	452	2.22	2	5	ND	5	17	.3	2	2	17	.22	.067	24	15	.38	271	.08	5	2.24	.02	.30	1
4+00S 4+00E	1	12	19	155	.6	23	8	534	2.20	3	5	ND	4	26	1.2	2	2	27	.40	.126	14	18	.58	355	.13	9	2.78	.04	.39	1
4+00S 4+25E	1	14	14	279	.6	35	10	394	2.17	5	5	ND	4	27	1.6	2	2	56	.29	.223	11	19	.54	224	.14	6	2.83	.02	.24	1
4+00S 4+50E	1	21	17	337	.4	44	10	120	2.23	2	5	ND	4	18	1.6	2	2	56	.23	.055	12	15	.74	144	.14	3	2.41	.02	.23	1
4+00S 4+75E	1	24	13	321	.4	46	9	116	1.99	2	5	ND	5	16	.8	2	2	69	.20	.024	19	16	.72	229	.10	7	2.09	.01	.32	1
4+50S 10+00W	1	19	53	336	.2	24	9	1267	2.97	4	5	ND	5	19	3.7	2	2	31	2.59	.119	18	21	1.88	247	.12	4	3.28	.02	.13	1
4+50S 9+50W	1	17	146	2640	2.4	14	6	853	2.14	6	5	ND	1	20	10.1	2	2	21	1.44	.127	8	16	.44	214	.12	3	2.23	.02	.07	1
4+50S 9+00W	1	9	140	1937	.1	16	7	1046	3.39	2	5	ND	5	19	6.6	2	2	28	.51	.133	14	16	.39	204	.18	3	4.95	.03	.06	1
4+50S 8+50W	1	8	28	386	.1	10	5	1085	1.95	2	5	ND	3	22	2.0	2	2	18	.84	.167	9	11	.41	245	.16	8	3.07	.06	.14	1
4+50S 8+00W	1	12	83	390	.1	15	6	742	2.65	2	5	ND	4	24	3.2	2	2	22	2.08	.086	13	15	1.14	182	.11	7	2.75	.03	.11	1
4+50S 7+75W	1	8	33	187	.1	14	6	695	2.54	2	5	ND	5	21	2.2	2	2	25	1.40	.058	17	17	.92	169	.13	6	3.15	.03	.10	1
4+50S 7+50W	1	8	20	363	.1	9	4	535	1.70	2	5	ND	3	21	2.8	2	2	18	1.13	.235	9	10	.55	188	.15	5	2.62	.04	.09	1
4+50S 7+00W	1	14	40	217	.1	19	7	618	3.03	2	5	ND	6	19	2.7	2	2	28	.71	.176	18	18	.47	139	.19	5	4.50	.03	.08	1
4+50S 6+75W	1	11	28	270	.2	13	6	451	2.71	3	5	ND	4	16	2.4	2	2	30	.28	.181	6	15	.22	172	.21	5	5.05	.03	.05	1
4+50S 6+50W	1	9	19	315	.1	14	5	927	2.24	2	5	ND	4	22	7.1	2	2	23	.56	.192	11	15	.34	282	.18	7	3.72	.03	.08	1
4+50S 6+25W	1	12	25	361	.1	15	6	1347	2.39	2	5	ND	4	20	4.9	2	2	25	.47	.246	9	16	.26	244	.18	5	3.64	.05	.11	1
4+50S 6+00W	1	11	31	238	.2	14	7	686	2.56	2	5	ND	4	12	2.7	2	3	31	.20	.137	7	16	.22	209	.18	3	3.10	.02	.06	1
4+50S 5+75W	1	12	20	145	.1	15	5	852	2.77	2	5	ND	4	21	2.5	2	2	28	.65	.148	11	13	.32	186	.23	4	4.86	.03	.05	1
4+50S 5+50W	1	9	46	382	.1	13	6	833	2.63	2	5	ND	4	19	3.6	2	2	24	.38	.186	11	16	.28	234	.17	2	4.05	.03	.07	1
4+50S 5+25W	1	12	24	154	.1	12	6	315	2.48	2	5	ND	4	13	1.2	2	2	26	.16	.084	9	12	.21	170	.20	2	4.33	.03	.05	1
4+50S 5+00W	1	9	42	285	.1	14	6	1079	2.59	3	5	ND	4	19	3.2	2	2	26	.59	.124	10	16	.48	239	.17	6	3.27	.03	.12	1
4+50S 4+75W	1	11	40	165	.1	23	8	370	2.85	2	5	ND	4	12	1.9	2	3	36	1.01	.051	10	23	.87	187	.14	3	3.56	.02	.09	1
STANDARD C	19	60	37	132	7.1	76	34	1061	3.99	38	21	7	38	52	18.9	15	20	56	.49	.090	39	60	.88	176	.09	33	1.93	.06	.14	11

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
4+50S 4+50W	1	13	28	196	.1	13	6	421	2.50	7	5	ND	3	10	1.6	2	2	29	.10	.124	4	12	.13	95	.18	31	4.63	.03	.05	1
4+50S 4+25W	1	34	78	280	.1	31	11	347	3.71	2	5	ND	9	19	2.7	2	2	37	.28	.058	27	27	.68	230	.14	26	4.56	.03	.09	1
4+50S 4+00W	1	11	34	201	.1	20	7	332	2.97	2	5	ND	5	15	1.3	2	2	31	.21	.127	7	16	.32	132	.21	20	5.85	.03	.05	1
4+50S 3+75W	1	12	57	393	.1	20	6	1407	2.83	13	5	ND	6	25	3.3	2	2	32	1.78	.388	16	19	.78	226	.14	35	3.75	.04	.10	1
4+50S 3+50W	1	10	24	442	.1	17	7	600	2.58	3	5	ND	5	15	3.3	2	2	28	.28	.172	8	18	.29	171	.16	31	4.75	.02	.05	1
4+50S 3+25W	1	12	49	418	.1	18	8	443	3.22	2	5	ND	6	14	3.5	2	2	33	.24	.140	9	17	.28	132	.19	28	6.05	.03	.06	1
4+50S 3+00W	1	9	67	721	.1	19	8	2206	3.84	9	5	ND	5	16	10.8	2	2	33	.52	.166	11	17	.37	270	.14	21	3.33	.03	.07	1
4+50S 2+75W	1	15	440	1095	.1	22	9	719	3.90	6	5	ND	7	21	9.3	2	2	40	.52	.097	27	19	.44	132	.17	27	4.88	.03	.05	1
4+50S 2+50W	1	14	128	684	.1	28	10	876	5.52	8	5	ND	7	16	11.0	2	2	45	.33	.090	25	23	.39	147	.17	27	4.96	.03	.06	1
4+50S 2+25W	1	15	221	783	.3	35	11	638	4.66	14	5	ND	9	19	8.8	2	2	44	.37	.102	33	22	.39	161	.17	30	5.14	.03	.05	2
4+50S 2+00W	1	11	130	1052	.1	29	10	1174	5.47	11	5	ND	7	16	13.3	3	2	44	.41	.130	23	22	.41	187	.17	25	4.92	.02	.06	2
4+50S 1+75W	1	18	122	612	.1	25	10	684	3.71	11	5	ND	6	16	6.0	2	2	38	.29	.111	16	18	.36	176	.16	28	4.54	.03	.06	1
4+50S 1+50W	1	24	110	372	.2	29	10	678	3.44	13	5	ND	4	18	4.5	4	2	34	3.42	.136	21	23	2.21	148	.08	22	2.86	.02	.09	1
4+50S 1+25W	1	11	103	418	.1	22	9	1022	3.08	10	5	ND	5	14	3.1	2	2	26	1.10	.139	18	17	.82	147	.07	27	2.66	.02	.07	5
4+50S 1+00W	1	11	61	234	.1	20	9	909	3.06	10	5	ND	5	11	1.8	2	2	33	.21	.171	7	15	.27	159	.16	26	4.91	.02	.04	1
4+50S 0+75W	1	8	28	124	.3	18	8	397	2.65	10	6	ND	4	11	1.3	5	2	30	.16	.127	6	14	.21	129	.16	28	4.82	.02	.05	3
4+50S 0+50W	1	8	26	134	.2	16	8	587	2.37	9	5	ND	4	11	.8	2	2	28	.11	.127	6	13	.17	142	.17	33	4.57	.03	.05	1
4+50S 0+25W	1	8	48	147	.1	14	7	347	2.48	6	5	ND	3	9	.8	2	2	30	.13	.094	8	14	.18	161	.14	27	3.37	.02	.05	1
4+50S 0+00	1	12	100	295	.4	23	8	1225	2.77	11	5	ND	5	14	2.3	2	2	24	3.86	.193	19	17	2.44	234	.05	28	2.22	.01	.10	1
4+50S 0+25E	1	12	28	258	.1	16	7	564	2.50	2	5	ND	4	11	1.4	2	2	28	.29	.372	5	13	.27	155	.15	30	4.33	.03	.07	1
4+50S 0+50E	1	15	50	214	.3	23	10	592	3.05	8	5	ND	5	14	1.9	2	2	34	.23	.175	13	21	.45	167	.09	31	2.47	.02	.08	1
4+50S 0+75E	1	10	94	237	.1	23	8	1617	2.72	3	5	ND	5	13	2.0	2	2	26	.30	.103	15	18	.35	212	.11	22	3.01	.02	.08	1
4+50S 1+00E	1	11	64	224	.1	20	8	535	2.61	5	5	ND	6	15	.9	2	2	26	.22	.123	10	16	.28	132	.16	34	4.45	.03	.07	1
4+50S 1+25E	1	7	44	219	.1	16	7	1098	2.57	7	5	ND	4	12	.9	2	2	28	.18	.235	8	15	.23	176	.14	32	3.41	.02	.06	2
4+50S 1+50E	1	17	124	276	.1	24	9	1133	3.06	8	5	ND	6	13	3.0	3	2	29	1.18	.159	22	17	.92	172	.08	29	2.72	.02	.10	1
4+50S 1+75E	1	11	65	221	.2	20	8	646	2.83	8	6	ND	6	13	1.0	3	2	29	.20	.182	8	15	.27	165	.16	32	4.60	.02	.06	1
4+50S 2+00E	1	14	91	312	.1	31	10	694	3.52	6	5	ND	7	16	1.7	2	2	37	.37	.138	18	24	.56	213	.12	22	3.65	.03	.10	1
4+50S 2+25E	1	12	60	333	.2	21	8	1021	2.62	8	5	ND	4	15	1.8	2	2	27	.26	.216	13	18	.26	256	.13	28	2.70	.03	.09	2
4+50S 2+50E	1	9	28	103	.2	22	6	474	2.09	10	5	ND	4	22	.7	2	2	33	.28	.277	5	11	.19	207	.15	30	3.81	.03	.06	1
4+50S 2+75E	1	21	59	281	1.3	37	11	241	3.13	8	5	ND	8	17	1.9	2	2	32	.19	.109	19	18	.37	164	.15	26	4.19	.03	.10	1
4+50S 3+00E	1	25	43	223	.4	44	11	245	2.94	8	5	ND	8	23	1.8	2	2	33	.25	.117	12	14	.30	174	.17	29	4.18	.04	.11	1
4+50S 3+25E	1	16	44	225	.3	55	15	383	3.14	6	5	ND	6	21	1.3	2	2	30	.29	.121	14	16	.31	248	.12	29	2.75	.03	.15	2
4+50S 3+50E	1	15	24	153	.1	48	14	240	3.16	6	5	ND	8	21	.4	2	2	26	.21	.112	11	14	.23	171	.15	23	3.41	.03	.11	1
4+50S 3+75E	1	14	29	106	.3	42	15	448	2.93	6	5	ND	5	25	.8	5	2	25	.26	.169	11	13	.23	196	.11	28	2.52	.03	.14	2
5+00N 9+00W	1	13	12	143	.1	12	6	713	2.04	4	5	ND	3	12	.5	2	2	22	.10	.426	5	10	.11	140	.16	28	3.49	.02	.04	1
5+00N 8+50W	1	22	21	134	.1	25	8	442	2.49	7	5	ND	7	14	.7	2	2	26	.13	.099	17	19	.38	213	.11	30	3.03	.03	.09	1
STANDARD C	18	63	41	132	7.3	72	33	1049	3.95	39	20	7	39	52	18.9	15	20	56	.48	.090	38	57	.89	176	.09	32	1.90	.08	.16	11

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
5+00N 8+00W	1	17	42	133	.2	26	9	317	2.75	6	5	ND	7	12	.2	2	2	29	.16	.168	13	20	.40	227	.10	2	3.12	.02	.08	1
5+00N 7+50W	1	9	134	135	.3	24	8	1965	3.46	6	6	ND	6	19	1.2	2	2	30	1.05	.265	22	21	.64	297	.16	6	4.10	.02	.09	1
5+00N 7+00W	2	13	26	118	.2	18	6	514	2.29	4	5	ND	4	19	.5	2	2	23	.23	.173	9	14	.24	184	.17	4	4.40	.03	.06	1
5+00N 6+50W	1	7	22	171	.1	14	6	965	2.06	7	5	ND	3	12	.5	2	2	23	.14	.182	8	13	.17	144	.13	2	2.57	.02	.06	1
5+00N 6+00W	1	9	17	146	.1	12	4	682	1.96	4	5	ND	3	16	.7	2	2	18	.31	.451	6	11	.14	219	.15	4	3.65	.03	.06	1
5+00N 5+75W	1	8	14	116	.1	8	4	466	1.76	2	5	ND	3	22	.6	2	2	15	.63	.328	10	8	.22	145	.17	7	4.04	.05	.08	1
5+00N 5+50W	1	9	24	133	.2	13	5	647	2.20	3	5	ND	4	20	.6	2	2	19	.72	.161	13	12	.42	154	.16	6	3.92	.04	.06	3
5+00N 5+25W	1	8	27	135	.2	10	4	526	1.81	3	5	ND	3	22	.8	2	2	17	.55	.252	9	9	.19	147	.15	4	3.64	.04	.05	1
5+00N 5+00W	1	6	77	336	.1	13	5	592	2.49	2	5	ND	4	21	1.1	2	2	21	.52	.112	13	12	.32	149	.15	5	3.63	.04	.08	1
5+00N 4+75W	1	8	34	234	.1	12	4	516	1.80	6	5	ND	3	24	1.0	2	2	16	.89	.214	10	9	.30	148	.14	4	3.07	.04	.05	1
5+00N 4+50W	1	7	146	816	.1	16	6	702	3.33	5	5	ND	4	17	2.0	2	2	23	.71	.167	11	16	.42	173	.13	4	2.69	.03	.09	1
5+00N 4+25W	1	20	51	238	.2	31	11	418	3.38	4	5	ND	7	15	1.0	2	2	39	.33	.134	13	26	.56	222	.14	4	4.06	.02	.11	1
5+00N 4+00W	1	8	33	242	.1	15	5	600	1.87	4	5	ND	3	20	.6	4	2	20	.86	.067	9	12	.59	172	.13	5	2.57	.04	.08	1
5+00N 3+75W	1	5	66	329	.1	10	4	539	1.97	4	5	ND	3	21	1.2	2	2	19	.65	.076	8	10	.41	174	.14	6	2.60	.05	.09	1
5+00N 3+50W	1	3	48	343	.1	14	4	407	1.62	2	5	ND	2	22	1.1	2	2	17	1.11	.096	8	11	.63	138	.10	6	2.13	.04	.08	2
5+00N 3+25W	1	5	50	311	.1	17	6	933	2.13	6	5	ND	4	18	1.5	2	2	23	1.04	.313	11	15	.40	170	.11	4	2.20	.02	.07	5
5+00N 3+00W	1	2	31	181	.1	16	6	382	2.29	3	5	ND	4	14	1.2	2	2	25	.28	.138	9	13	.27	130	.13	3	2.81	.03	.07	1
5+00N 2+75W	1	7	79	168	.4	17	6	376	2.28	5	5	ND	5	20	1.6	2	4	22	.35	.132	9	13	.20	104	.17	5	3.92	.03	.06	1
5+00N 2+50W	1	9	149	205	.2	21	7	564	2.84	5	5	ND	5	16	1.1	2	2	27	.57	.181	13	17	.44	131	.14	4	3.57	.02	.06	3
5+00N 2+25W	1	7	39	206	.1	15	4	425	1.59	6	5	ND	3	22	.7	2	4	16	.66	.152	9	13	.29	135	.13	4	2.35	.03	.05	2
5+00N 2+00W	1	8	67	138	.1	9	3	423	1.54	4	5	ND	1	22	1.3	3	2	12	4.57	.122	6	8	2.59	109	.07	5	1.30	.02	.06	1
5+00N 1+75W	1	6	100	332	.1	10	5	480	2.30	4	5	ND	3	20	1.0	2	2	18	.80	.320	8	11	.35	128	.13	4	2.59	.03	.07	1
5+00N 1+50W	1	4	211	304	.1	17	5	281	2.56	4	5	ND	4	18	.9	2	2	21	.57	.193	9	15	.41	138	.13	4	2.88	.03	.08	1
5+00N 1+25W	1	19	888	1092	.6	13	4	1009	5.05	18	5	ND	2	24	4.4	4	2	21	4.64	.324	11	17	2.39	147	.06	8	1.47	.03	.16	1
5+00N 1+00W	1	11	236	979	1.1	22	6	643	4.80	16	5	ND	4	24	3.8	3	2	24	1.61	.259	14	18	.75	149	.10	6	2.49	.02	.12	2
5+00N 0+75W	1	6	79	668	.1	24	8	509	2.97	7	5	ND	6	19	2.1	3	2	27	.74	.107	15	23	.62	171	.12	4	3.29	.03	.10	1
5+00N 0+50W	1	8	27	542	.1	13	4	522	1.81	4	5	ND	3	24	2.0	2	2	17	.49	.225	10	11	.19	133	.17	5	3.94	.04	.05	1
5+00N 0+25W	1	9	24	260	.1	18	6	302	2.25	2	5	ND	4	14	1.1	2	2	23	.20	.136	9	14	.22	138	.16	3	3.80	.03	.07	1
5+00N 0+00	1	11	26	136	.2	15	6	213	2.18	3	5	ND	4	14	.6	2	2	23	.21	.107	9	12	.18	123	.18	5	3.90	.03	.05	1
5+00S 10+00W	1	10	102	301	.1	21	8	285	3.23	2	5	ND	5	13	1.2	2	2	33	.19	.074	9	19	.33	174	.18	4	4.52	.02	.07	1
5+00S 9+50W	1	11	529	1295	.1	24	8	1549	6.88	20	5	ND	5	14	3.3	2	2	35	.30	.284	10	24	.30	228	.13	3	3.28	.01	.07	1
5+00S 9+00W	1	13	68	236	.1	23	9	503	3.18	2	5	ND	7	15	1.7	2	2	27	.38	.144	21	19	.43	156	.12	3	3.64	.02	.07	1
5+00S 8+50W	1	10	44	244	.1	21	9	412	2.96	7	5	ND	6	14	.9	2	2	28	.19	.181	11	18	.34	159	.17	4	4.35	.02	.05	3
5+00S 8+00W	1	8	49	400	.1	17	6	1389	2.82	2	5	ND	5	21	4.0	4	2	23	2.05	.331	16	19	1.11	223	.11	5	3.08	.02	.10	1
5+00S 7+50W	1	8	43	120	.1	7	2	849	1.35	5	5	ND	1	16	3.1	4	2	11	5.83	.175	6	8	3.31	90	.05	7	1.03	.01	.06	1
5+00S 7+25W	1	7	44	164	.1	15	5	1293	2.38	2	5	ND	3	17	3.4	2	2	23	1.15	.289	11	16	.59	229	.13	4	2.82	.02	.09	1
5+00S 7+00W	1	12	26	233	.1	8	2	1910	1.49	2	6	ND	2	27	5.2	6	2	14	4.77	.949	9	10	1.81	265	.07	6	1.52	.02	.09	1
STANDARD C	18	62	36	134	7.2	74	33	1046	3.99	37	21	7	37	52	18.9	15	18	56	.46	.093	38	58	.88	176	.09	35	1.93	.06	.14	12

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
5+00S 6+75W	1	17	32	226	.1	14	6	329	2.67	3	5	ND	5	16	1.4	2	2	27	.18	.099	6	11	.21	155	.21	33	5.65	.04	.05	1
5+00S 6+50W	1	14	49	439	.1	18	8	1547	3.00	2	5	ND	5	18	2.3	2	2	28	.41	.185	12	18	.35	249	.19	34	4.68	.04	.09	1
5+00S 6+25W	1	13	43	307	.1	23	9	997	3.27	2	5	ND	5	15	.6	3	2	33	.19	.142	10	21	.40	232	.19	25	4.76	.03	.08	1
5+00S 6+00W	1	11	30	250	.1	16	7	1017	2.68	2	5	ND	4	17	.8	2	2	28	.32	.103	8	15	.33	284	.17	32	3.46	.04	.09	1
5+00S 5+75W	1	10	32	338	.1	14	7	1688	3.70	2	5	ND	3	16	3.2	2	2	29	.47	.133	9	15	.33	281	.18	29	3.52	.03	.06	1
5+00S 5+50W	1	16	42	321	.1	15	6	2779	2.67	4	5	ND	3	23	4.2	2	2	25	.95	.180	12	14	.54	463	.16	32	3.65	.04	.08	1
5+00S 5+25W	1	2	16	70	.3	1	1	274	.26	6	5	ND	1	20	.8	2	2	2	18.50	.056	2	1	10.63	31	.01	25	.22	.01	.02	1
5+00S 5+00W	1	12	22	175	.1	10	6	459	2.64	2	5	ND	4	17	1.5	2	2	29	.96	.197	8	14	.70	217	.19	33	5.06	.03	.05	1
5+00S 4+75W	1	12	41	368	.1	12	6	673	2.50	2	5	ND	4	12	1.3	2	2	28	.31	.167	6	12	.29	178	.17	23	4.52	.03	.05	1
5+00S 4+50W	1	11	41	240	.1	17	7	1074	2.54	2	5	ND	4	22	1.2	2	2	27	.24	.147	9	18	.30	189	.18	27	3.93	.05	.12	1
5+00S 4+25W	1	9	52	288	.2	20	7	800	3.36	5	5	ND	6	21	1.1	2	2	35	.91	.262	16	20	.59	170	.18	33	4.24	.03	.09	1
5+00S 4+00W	1	14	40	316	.2	25	10	876	3.41	2	5	ND	7	18	5.7	2	2	34	.37	.193	17	26	.54	213	.17	31	4.52	.04	.09	1
5+00S 3+75W	1	16	92	994	.1	20	9	2705	3.77	8	5	ND	5	14	8.1	3	2	41	.50	.149	14	23	.35	271	.16	31	4.43	.03	.07	1
5+00S 3+50W	1	18	51	477	.1	23	9	477	3.79	2	5	ND	8	18	2.9	2	2	36	.49	.125	26	21	.52	150	.18	30	5.79	.04	.10	1
5+00S 3+25W	1	13	148	855	.3	21	9	1072	4.25	2	5	ND	7	21	4.8	6	2	41	.50	.140	23	23	.45	185	.18	35	4.76	.03	.07	1
5+00S 3+00W	1	12	59	561	.1	19	7	849	4.01	2	5	ND	6	23	4.6	2	2	40	.40	.111	14	17	.32	235	.20	34	4.55	.05	.07	1
5+00S 2+75W	1	17	114	719	.2	32	12	448	4.09	9	5	ND	8	19	2.9	3	2	38	.50	.127	20	19	.47	150	.19	25	5.41	.04	.09	1
5+00S 2+50W	1	12	35	530	.2	18	6	887	3.44	2	5	ND	5	21	2.3	3	2	30	.84	.126	15	16	.47	187	.19	40	3.87	.05	.09	1
5+00S 2+25W	1	15	86	485	.4	23	9	883	4.85	9	10	ND	7	15	2.7	6	2	41	.43	.150	16	22	.39	190	.17	32	5.00	.03	.08	1
5+00S 2+00W	1	17	81	470	.2	24	9	958	3.87	5	5	ND	7	17	3.3	2	2	37	.34	.160	15	21	.40	174	.17	31	4.85	.03	.08	1
5+00S 1+75W	1	11	39	279	.2	16	8	640	2.82	3	5	ND	4	11	.9	4	2	37	.16	.097	7	16	.20	116	.18	28	3.72	.03	.07	1
5+00S 1+50W	1	13	47	342	.1	17	8	655	2.99	2	5	ND	4	15	.6	2	2	35	.18	.112	9	17	.26	149	.19	32	4.55	.03	.05	1
5+00S 1+25W	1	17	61	230	.1	30	12	428	3.41	2	5	ND	6	12	.5	2	2	33	.18	.080	15	21	.46	216	.10	28	3.67	.02	.07	1
5+00S 1+00W	1	14	33	151	.3	14	8	600	2.41	2	5	ND	5	14	.2	3	3	27	.16	.098	9	13	.24	150	.16	30	4.72	.02	.05	1
5+00S 0+75W	1	14	35	171	.4	20	10	430	2.74	7	6	ND	5	13	.2	4	2	31	.14	.105	9	17	.26	208	.16	30	4.95	.03	.09	1
5+00S 0+50W	1	10	26	151	.3	16	7	283	2.41	2	5	ND	4	15	.2	3	2	29	.20	.107	5	12	.18	121	.17	32	4.43	.03	.06	1
5+00S 0+25W	1	15	23	132	.5	19	7	595	2.18	3	5	ND	4	16	.4	2	2	26	.14	.148	7	11	.20	166	.18	33	4.87	.04	.06	1
5+00S 0+00	1	8	25	141	.6	12	6	459	2.10	2	5	ND	3	12	.3	2	2	26	.13	.144	6	13	.17	110	.17	30	4.27	.03	.04	1
5+00S 0+25E	2	15	18	135	.5	18	8	827	2.24	2	5	ND	5	16	.9	2	2	28	.15	.133	6	13	.15	114	.19	32	5.08	.03	.06	1
5+00S 0+50E	1	10	17	146	.6	13	7	386	2.37	2	5	ND	4	13	.3	2	2	30	.14	.284	6	11	.14	160	.17	28	4.17	.04	.06	1
5+00S 0+75E	1	14	23	195	.3	16	6	769	2.22	2	5	ND	3	14	.4	2	2	27	.14	.209	6	12	.19	160	.17	31	4.72	.03	.05	1
5+00S 1+00E	1	10	33	198	.1	16	6	658	2.40	2	5	ND	3	11	.8	2	2	28	.14	.236	7	16	.20	160	.15	32	3.59	.04	.08	1
5+00S 1+25E	1	18	37	189	.5	18	8	446	2.58	2	6	ND	6	15	.2	2	2	31	.17	.140	12	15	.27	170	.15	33	4.36	.03	.07	1
5+00S 1+50E	1	11	54	192	.1	12	7	373	2.52	5	5	ND	6	10	.4	2	2	33	.16	.105	13	15	.29	119	.10	29	1.90	.03	.11	1
5+00S 1+75E	1	17	75	337	.1	24	10	841	3.09	6	5	ND	6	15	.7	2	2	33	.26	.199	13	21	.44	249	.11	22	3.42	.02	.11	1
5+00S 2+00E	1	16	75	368	.2	27	10	1860	3.25	3	5	ND	6	23	1.5	2	2	34	.49	.225	17	26	.50	353	.10	29	3.20	.03	.15	1
STANDARD C	19	63	40	131	7.3	70	34	1065	3.99	37	17	6	38	52	18.5	15	19	56	.49	.090	39	61	.89	175	.09	31	1.90	.06	.14	11

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
5+00S 2+25E	1	17	120	316	.1	25	8	1164	3.16	5	5	ND	5	14	2.2	2	2	18	2.14	.142	21	21	1.62	216	.03	2	1.95	.01	.14	1
5+00S 2+50E	1	16	76	299	.2	23	8	854	3.04	6	5	ND	5	17	2.3	2	3	27	.46	.180	16	17	.43	271	.12	5	3.17	.03	.10	1
5+50N 7+50W	1	4	75	1139	7.4	18	5	126	1.65	3	5	ND	3	14	.8	2	2	17	.47	.047	16	18	.47	174	.04	4	1.99	.02	.05	1
5+50N 7+00W	1	13	20	535	.9	24	8	450	2.21	4	5	ND	5	14	.6	3	2	19	.16	.214	13	16	.30	249	.10	4	3.07	.03	.08	1
5+50N 6+50W	1	13	9	128	.4	9	4	412	1.56	2	5	ND	3	14	.6	2	2	15	.11	.247	7	4	.10	152	.16	4	3.89	.04	.04	1
5+50N 6+00W	1	12	15	146	.3	11	6	630	1.92	5	5	ND	3	10	.3	2	2	21	.07	.243	7	12	.14	147	.13	3	3.08	.03	.05	1
5+50N 5+75W	1	7	20	170	.1	11	5	1642	2.03	6	5	ND	3	13	.3	3	2	21	.17	.356	8	14	.16	263	.14	2	2.45	.03	.06	4
5+50N 5+50W	1	8	20	164	.1	7	5	959	1.83	4	5	ND	3	12	.8	2	2	19	.20	.274	6	11	.11	169	.15	2	2.76	.04	.06	1
5+50N 5+25W	1	7	38	184	.1	10	4	578	1.94	5	5	ND	3	15	.7	2	2	19	.22	.313	5	10	.14	128	.16	3	3.41	.04	.05	1
5+50N 5+00W	1	9	23	218	.1	8	4	535	1.88	2	5	ND	3	13	.5	3	4	18	.18	.314	5	9	.10	156	.16	3	3.38	.03	.05	1
5+50N 4+75W	1	8	28	254	.1	12	5	739	1.94	3	5	ND	3	16	1.0	2	2	18	.37	.231	8	11	.16	178	.15	4	3.14	.05	.07	2
5+50N 4+50W	1	13	18	116	.1	16	8	520	2.34	5	5	ND	3	14	.2	2	2	28	.20	.196	6	14	.21	115	.15	3	3.00	.03	.06	1
5+50N 4+25W	1	14	18	119	.2	20	9	1007	2.49	5	5	ND	4	17	.7	2	2	30	.18	.161	7	15	.26	172	.18	3	4.06	.03	.08	1
5+50N 4+00W	1	8	16	175	.1	11	6	857	2.02	7	5	ND	2	12	.5	2	2	20	.14	.354	5	11	.12	157	.16	2	3.33	.03	.05	4
5+50N 3+75W	1	7	18	202	.2	8	4	398	1.71	5	5	ND	3	21	.7	5	2	16	.54	.285	6	9	.26	120	.16	4	3.76	.04	.06	4
5+50N 3+50W	1	7	16	119	.1	11	5	234	2.22	4	5	ND	4	21	.8	3	2	21	.43	.218	6	12	.19	134	.20	6	4.94	.04	.05	1
5+50N 3+25W	1	11	22	141	.1	17	6	705	2.43	5	5	ND	4	14	.9	2	2	26	.25	.230	7	14	.21	167	.15	3	3.30	.04	.08	3
5+50N 3+00W	1	8	19	102	.1	18	7	590	2.40	3	5	ND	4	13	.5	2	2	26	.18	.130	7	15	.23	139	.14	3	3.08	.03	.08	1
5+50N 2+75W	1	13	83	161	.1	25	9	452	3.05	6	5	ND	6	13	.6	2	2	32	.26	.086	14	19	.36	127	.13	3	3.12	.02	.08	1
5+50N 2+50W	1	17	32	102	.2	23	9	398	2.84	6	5	ND	6	18	.6	6	2	28	.38	.082	22	20	.41	147	.13	4	3.65	.02	.06	5
5+50N 2+25W	1	11	60	200	.1	15	7	538	2.37	5	5	ND	3	14	.5	2	2	22	.43	.131	10	15	.30	160	.11	4	2.42	.03	.08	1
5+50N 1+50W	1	7	25	356	.1	9	5	521	1.73	5	5	ND	3	19	.7	3	2	17	.78	.222	9	11	.31	186	.12	4	2.45	.03	.06	2
5+50N 1+25W	1	13	38	231	.1	19	7	922	2.47	2	5	ND	4	23	1.6	2	2	23	1.36	.206	13	20	.69	262	.11	5	3.05	.04	.15	1
5+50N 1+00W	1	13	41	334	.1	21	7	757	2.35	7	5	ND	4	21	1.7	3	2	26	1.11	.169	13	18	.83	187	.11	4	2.56	.04	.10	1
5+50N 0+75W	1	10	53	320	.1	18	7	471	2.59	7	5	ND	5	18	1.8	2	2	24	.58	.207	15	15	.38	155	.12	4	2.93	.03	.09	3
5+50N 0+50W	1	12	94	213	.2	21	8	627	3.06	5	5	ND	6	15	1.0	4	2	28	.38	.152	11	18	.38	151	.14	3	3.83	.02	.07	6
5+50N 0+25W	1	11	22	152	.3	14	6	411	2.13	6	5	ND	4	12	1.2	2	2	26	.16	.123	7	13	.15	174	.16	2	2.91	.04	.07	1
5+50N 0+00	1	10	31	144	.1	19	8	315	2.64	6	5	ND	5	14	.5	4	3	28	.21	.128	9	17	.25	148	.16	3	3.86	.02	.04	6
5+50S 10+00W	1	12	96	322	.1	24	10	1188	3.67	6	5	ND	6	17	2.5	2	2	29	.38	.136	19	23	.48	227	.15	3	4.22	.04	.12	1
5+50S 9+50W	1	13	253	878	.1	24	9	909	4.57	7	5	ND	6	17	3.8	4	2	31	.23	.104	12	22	.46	215	.18	5	4.90	.03	.08	5
5+50S 9+00W	1	12	96	562	.1	15	7	1256	2.56	8	5	ND	5	9	1.8	3	2	18	.56	.091	15	15	.51	130	.06	2	1.30	.01	.04	3
5+50S 8+50W	1	11	41	148	.1	14	7	580	2.48	3	5	ND	3	15	.4	2	2	25	.27	.263	6	14	.25	159	.16	3	3.16	.03	.05	1
5+50S 8+00W	1	15	53	216	.1	19	9	552	2.92	4	5	ND	5	15	1.0	3	2	23	.47	.202	16	16	.39	156	.13	4	3.84	.02	.06	1
5+50S 7+75W	1	13	37	243	.1	22	8	478	2.80	6	5	ND	5	15	1.2	2	2	28	.31	.134	10	20	.35	175	.16	2	3.75	.03	.07	1
5+50S 7+50W	1	12	30	241	.1	16	7	772	2.67	5	5	ND	4	15	2.0	2	2	26	.19	.247	9	18	.30	210	.18	3	3.85	.03	.07	2
5+50S 7+25W	1	11	31	169	.1	21	8	617	2.76	4	5	ND	5	15	1.1	2	2	27	.32	.166	12	19	.39	196	.16	3	3.51	.02	.06	3
STANDARD C	18	58	38	132	7.1	74	33	1057	4.00	39	23	7	37	51	18.5	15	19	56	.49	.096	38	60	.89	176	.09	35	1.93	.06	.13	12

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
5+50S 7+00W	1	17	39	205	.1	25	10	428	3.08	5	5	ND	5	13	1.0	2	2	29	.21	.050	21	23	.61	152	.09	6	2.29	.02	.10	1
5+50S 6+75W	1	10	28	276	.1	21	8	690	3.04	2	5	ND	5	15	.7	2	2	30	.25	.072	10	20	.40	203	.17	8	3.86	.04	.10	1
5+50S 6+50W	1	10	21	223	.1	14	7	629	2.45	3	5	ND	3	13	.4	2	2	27	.18	.089	7	15	.22	194	.18	6	3.16	.04	.06	1
5+50S 6+25W	1	19	34	243	.1	19	8	679	3.11	2	5	ND	5	14	.5	2	2	32	.21	.120	11	21	.39	212	.17	10	3.86	.03	.08	1
5+50S 6+00W	1	11	32	295	.1	18	8	1301	2.77	4	5	ND	4	13	.9	2	2	28	.19	.086	10	17	.29	197	.16	7	3.24	.03	.08	1
5+50S 5+75W	1	10	31	217	.1	6	3	1652	1.56	5	5	ND	2	18	2.0	2	2	16	4.37	.075	6	10	2.59	191	.09	6	1.55	.03	.08	1
5+50S 5+50W	1	10	25	144	.1	14	6	1284	3.57	4	5	ND	4	16	1.6	2	2	30	.53	.119	9	15	.45	185	.19	5	4.01	.04	.07	1
5+50S 5+25W	1	13	22	207	.1	14	7	970	2.88	2	5	ND	4	14	2.9	2	2	29	.20	.125	7	14	.28	224	.19	4	4.22	.04	.07	1
5+50S 5+00W	1	9	36	308	.1	16	7	987	2.79	2	5	ND	4	17	2.4	2	2	26	.61	.091	13	17	.47	259	.18	7	3.81	.03	.06	1
5+50S 4+75W	1	16	50	272	.1	19	8	1424	3.37	2	5	ND	6	18	4.5	2	2	30	1.86	.150	17	21	1.39	259	.14	9	4.07	.03	.10	1
5+50S 4+50W	1	11	49	332	.1	20	8	1151	3.07	3	5	ND	5	14	1.8	2	2	28	.34	.136	10	18	.41	252	.14	5	3.40	.03	.08	1
5+50S 4+25W	1	13	44	294	.1	16	7	644	2.86	2	5	ND	4	11	1.8	2	2	28	.18	.112	12	17	.28	154	.16	7	4.06	.04	.07	1
5+50S 4+00W	1	11	62	553	.1	17	7	656	2.87	2	5	ND	4	12	4.0	2	2	30	.25	.257	9	18	.28	230	.15	8	3.51	.03	.06	1
5+50S 3+75W	1	16	72	527	.1	17	8	616	3.50	2	5	ND	6	15	3.2	2	2	36	.24	.223	10	20	.40	237	.17	7	4.39	.03	.06	1
5+50S 3+50W	1	13	41	458	.2	20	8	757	3.03	2	5	ND	5	14	4.1	2	2	35	.26	.151	11	20	.37	192	.15	11	3.81	.05	.09	1
5+50S 3+25W	1	17	64	701	.3	18	7	1080	3.19	8	6	ND	5	21	5.8	2	2	34	5.28	.180	18	20	3.18	160	.07	4	2.29	.02	.07	1
5+50S 3+00W	1	10	45	321	.1	18	7	645	3.08	2	5	ND	5	13	2.1	2	2	31	.42	.100	9	17	.39	177	.16	2	4.27	.03	.07	1
5+50S 2+75W	1	20	74	470	.1	18	7	497	3.41	2	5	ND	5	15	3.9	2	2	33	.32	.118	13	16	.34	169	.17	8	4.44	.06	.11	1
5+50S 2+50W	1	15	59	470	.1	19	8	577	3.19	2	5	ND	5	13	1.5	2	2	35	.21	.128	10	18	.32	163	.17	6	4.51	.03	.07	1
5+50S 2+25W	1	12	45	461	.1	19	8	728	2.88	2	5	ND	5	13	1.5	2	2	31	.22	.112	12	20	.33	196	.16	8	3.96	.04	.09	1
5+50S 2+00W	1	17	61	912	.2	17	6	2267	5.01	4	5	ND	4	21	5.1	2	2	33	.77	.222	11	16	.40	363	.17	6	3.50	.04	.09	1
5+50S 1+75W	1	18	144	2183	.2	19	5	2803	8.83	8	8	ND	4	23	10.6	2	2	40	1.11	.278	16	18	.54	353	.17	6	3.32	.03	.08	1
5+50S 1+50W	1	12	60	404	.1	22	8	803	3.32	2	5	ND	5	13	2.1	2	2	31	.23	.096	11	19	.36	182	.16	5	4.12	.03	.07	1
5+50S 1+25W	1	21	65	544	.2	26	9	606	4.47	2	5	ND	7	19	4.1	2	2	35	.40	.126	24	23	.56	199	.17	2	4.71	.04	.11	1
5+50S 1+00W	1	17	60	407	.2	23	8	701	3.60	3	5	ND	6	17	1.8	2	2	32	.28	.138	17	21	.39	204	.16	4	4.49	.03	.07	2
5+50S 0+75W	1	18	49	267	.2	18	7	189	3.15	5	5	ND	6	16	1.7	2	2	29	.37	.059	14	18	.34	109	.17	4	4.77	.04	.06	1
5+50S 0+50W	1	15	78	337	.4	20	9	319	3.17	9	6	ND	6	12	1.1	2	2	32	.19	.119	11	19	.35	177	.14	3	4.12	.03	.06	3
5+50S 0+25W	1	11	27	223	.2	14	6	300	2.57	3	5	ND	3	10	.2	2	2	28	.10	.105	4	13	.16	109	.18	9	4.91	.03	.04	1
5+50S 0+00	1	8	24	186	.2	15	7	472	2.55	2	5	ND	3	10	.4	2	2	30	.14	.099	6	14	.18	138	.17	7	4.26	.03	.06	1
5+50S 0+25E	1	11	23	196	.2	9	5	1003	2.14	2	5	ND	3	13	.2	2	2	25	.19	.188	6	9	.14	170	.18	5	3.98	.03	.04	1
5+50S 0+50E	1	11	37	203	.3	15	6	437	2.69	6	5	ND	3	11	.2	2	2	31	.18	.300	6	14	.19	166	.16	5	3.60	.02	.07	1
5+50S 0+75E	1	10	23	190	.2	11	6	364	2.74	5	5	ND	4	11	.2	2	2	27	.16	.515	5	13	.16	147	.17	2	4.39	.02	.05	1
5+50S 1+00E	2	13	20	134	.6	16	6	475	2.30	2	5	ND	3	13	.2	2	2	26	.14	.133	5	10	.16	130	.18	7	4.53	.03	.06	1
5+50S 1+25E	1	14	46	226	.3	25	10	202	2.90	4	5	ND	6	12	.2	2	2	28	.18	.080	12	20	.42	142	.11	2	3.70	.02	.06	1
5+50S 1+50E	1	17	47	169	.1	17	6	333	2.58	2	5	ND	4	13	.7	2	2	26	.15	.100	10	14	.28	163	.15	6	3.88	.05	.09	1
STANDARD C	18	63	36	132	7.1	71	33	1057	4.00	39	17	7	37	52	18.8	15	19	56	.51	.097	38	59	.87	176	.09	36	1.92	.06	.14	12

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
6+00N 7+50W	1	1	29	440	.4	9	3	58	1.23	3	5	ND	3	8	.3	2	2	16	.14	.076	11	11	.15	98	.07	2	1.81	.01	.05	1
6+00N 7+00W	1	10	44	860	1.0	19	5	257	1.75	3	5	ND	4	14	.5	3	2	19	.15	.170	8	17	.23	158	.14	4	4.16	.02	.06	1
6+00N 6+50W	1	9	15	196	.2	16	4	600	1.50	2	5	ND	2	15	.4	2	2	16	.12	.194	4	8	.07	170	.16	3	3.75	.02	.04	1
6+00N 6+00W	1	19	22	117	.2	29	13	254	2.78	4	5	ND	8	17	1.3	2	2	30	.16	.062	17	22	.50	199	.08	2	2.25	.01	.08	1
6+00N 5+50W	1	10	21	152	.3	21	7	589	2.26	5	5	ND	5	17	.4	2	2	27	.13	.219	10	17	.27	184	.12	2	2.80	.02	.06	1
6+00N 5+00W	1	13	100	305	.1	24	9	535	3.24	5	5	ND	7	16	1.7	2	2	29	.36	.154	22	18	.42	181	.12	3	3.61	.02	.08	1
6+00N 4+75W	1	9	35	228	.2	16	6	372	2.33	4	5	ND	4	15	.8	2	2	23	.44	.273	9	13	.32	180	.16	3	4.15	.03	.06	1
6+00N 4+50W	1	14	17	106	.2	19	9	668	2.35	4	5	ND	4	16	.8	2	3	27	.16	.144	9	14	.22	161	.16	2	4.10	.03	.06	1
6+00N 4+25W	1	7	16	137	.2	20	9	950	2.27	4	5	ND	3	24	.5	2	2	27	.29	.218	9	15	.25	217	.13	2	3.03	.02	.07	1
6+00N 4+00W	1	13	20	127	.1	25	10	1595	2.50	7	5	ND	3	20	.6	2	2	31	.25	.216	7	18	.26	160	.15	2	3.12	.02	.07	1
6+00N 3+75W	1	15	21	141	.1	23	10	378	2.66	3	5	ND	5	18	.8	2	2	32	.21	.132	8	17	.34	238	.15	2	3.69	.03	.10	1
6+00N 3+50W	1	11	21	119	.1	18	7	310	2.48	3	5	ND	4	17	1.2	2	2	25	.26	.187	10	16	.20	153	.18	2	4.88	.04	.06	1
6+00N 3+25W	1	16	28	102	.1	24	9	341	2.69	6	5	ND	9	14	.7	2	2	31	.18	.118	14	19	.34	169	.12	3	3.27	.02	.05	1
6+00N 3+00W	1	14	33	139	.1	23	9	510	2.77	4	5	ND	7	14	.7	2	2	30	.18	.128	14	20	.32	177	.12	3	3.20	.02	.08	1
6+00N 2+75W	1	15	37	134	.1	24	10	355	2.79	4	5	ND	6	12	.8	2	2	33	.19	.091	18	23	.50	130	.09	2	2.07	.01	.09	1
6+00N 2+50W	1	6	66	318	.1	12	6	678	2.31	3	5	ND	3	17	1.1	2	2	20	.54	.370	8	14	.23	234	.15	5	3.15	.03	.08	1
6+00N 2+25W	1	16	130	454	.2	13	5	2290	2.36	6	10	ND	2	27	2.4	2	3	16	4.20	.266	10	13	2.11	292	.09	7	1.94	.02	.08	1
6+00N 2+00W	1	9	58	1115	.2	19	7	1124	2.80	4	5	ND	4	22	3.7	2	2	25	1.94	.067	16	21	1.07	195	.10	6	2.72	.03	.12	1
6+00N 1+75W	1	11	44	216	.1	26	9	630	3.13	2	5	ND	6	16	1.1	2	2	32	.60	.073	18	26	.63	163	.12	3	3.06	.02	.10	1
6+00N 1+50W	1	9	60	250	.1	23	8	611	2.74	4	5	ND	4	22	1.6	2	2	27	.85	.183	16	21	.62	182	.11	5	2.96	.04	.14	1
6+00N 1+25W	1	7	58	181	.1	14	5	869	2.50	2	5	ND	3	25	1.8	2	2	20	2.23	.128	13	15	.96	142	.11	6	2.89	.04	.09	1
6+00N 1+00W	1	8	36	222	.1	16	7	410	2.72	2	5	ND	5	19	2.0	2	2	26	.51	.180	15	17	.35	139	.16	3	4.18	.03	.07	1
6+00N 0+75W	1	7	26	301	.1	11	6	849	2.30	7	5	ND	3	15	1.2	2	2	26	.29	.302	7	16	.21	246	.16	3	2.89	.04	.08	1
6+00N 0+50W	1	6	28	202	.1	14	7	236	2.54	5	5	ND	3	10	.7	2	2	31	.13	.139	8	16	.17	130	.13	2	2.86	.03	.06	1
6+00N 0+25W	1	7	26	139	.1	16	7	454	2.53	3	5	ND	4	12	.8	2	2	30	.15	.144	8	16	.24	139	.15	2	3.31	.02	.07	1
6+00N 0+00	1	9	33	168	.1	16	7	364	2.59	6	5	ND	4	9	.3	2	2	29	.11	.228	9	18	.19	140	.13	29	3.00	.03	.07	1
6+00S 10+00W	1	11	51	210	.1	18	7	488	2.64	6	5	ND	5	18	1.2	2	2	25	.20	.089	9	16	.23	153	.20	6	4.66	.04	.07	1
6+00S 9+50W	1	11	37	192	.1	13	6	195	2.38	6	5	ND	3	17	.6	2	2	24	.20	.194	6	11	.17	127	.21	4	4.86	.04	.05	1
6+00S 9+00W	1	13	536	2115	.1	23	8	435	4.56	9	5	ND	6	19	4.7	3	3	33	.26	.121	15	23	.36	178	.19	3	4.83	.03	.06	1
6+00S 8+50W	1	10	82	318	.1	15	7	551	2.94	2	5	ND	4	13	1.2	2	2	31	.15	.099	9	17	.23	203	.20	28	3.48	.04	.05	1
6+00S 8+00W	1	13	38	196	.1	14	7	505	2.73	3	5	ND	4	13	1.6	3	2	31	.17	.118	7	14	.18	173	.19	4	4.51	.04	.05	1
6+00S 7+50W	1	7	82	398	.1	19	8	586	3.42	4	5	ND	4	13	1.6	2	2	31	.23	.222	10	19	.30	211	.14	3	3.99	.03	.07	1
6+00S 7+00W	1	10	66	279	.1	14	6	420	2.36	4	5	ND	4	18	1.1	2	2	23	.40	.183	10	14	.29	168	.18	3	3.29	.04	.08	1
6+00S 6+75W	1	6	166	396	.1	10	4	546	2.31	2	5	ND	2	20	1.2	2	2	18	.38	.336	6	12	.16	180	.14	3	2.33	.04	.09	1
6+00S 6+50W	1	9	35	90	.1	17	6	499	2.80	4	5	ND	4	19	1.0	2	2	29	.43	.063	11	17	.45	172	.21	4	4.82	.04	.05	1
6+00S 6+25W	1	12	81	167	.1	18	7	259	2.94	5	5	ND	4	13	1.4	2	4	30	.19	.116	7	17	.31	168	.19	2	4.60	.03	.05	1
STANDARD C	17	64	41	132	7.0	69	32	1041	3.96	37	19	7	37	52	18.6	15	20	56	.48	.088	37	58	.88	177	.09	33	1.92	.08	.15	13

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
6+00S 6+00W	1	16	19	146	.1	22	8	444	2.24	2	5	ND	4	19	.8	2	4	25	.23	.099	7	14	.18	129	.19	4	6.07	.04	.04	2
6+00S 5+75W	1	12	28	216	.1	17	9	487	2.76	2	13	ND	4	12	.2	2	3	33	.13	.110	6	14	.23	178	.19	5	4.95	.02	.06	1
6+00S 5+50W	1	13	18	191	.1	17	6	272	2.54	2	5	ND	4	20	1.0	2	2	28	.35	.099	9	13	.25	142	.22	7	5.85	.04	.05	1
6+00S 5+25W	1	11	52	222	.1	28	13	310	3.51	2	7	ND	7	14	1.1	2	2	33	.30	.050	19	25	.58	204	.13	7	4.32	.02	.09	1
6+00S 5+00W	1	10	49	229	.1	29	13	417	3.57	2	11	ND	6	13	.8	2	2	30	.21	.090	13	23	.56	159	.11	21	4.07	.02	.09	1
6+00S 4+75W	1	9	66	252	.1	17	7	1557	2.84	2	5	ND	3	15	1.5	2	2	28	1.49	.098	15	15	.89	231	.12	2	3.06	.02	.08	1
6+00S 4+50W	1	8	29	227	.1	12	8	436	2.57	2	5	ND	3	13	1.6	2	2	31	.17	.166	7	15	.20	109	.18	2	4.93	.03	.05	1
6+00S 4+25W	1	10	52	326	.1	28	12	588	3.16	7	7	ND	5	11	1.1	2	2	26	.17	.086	17	23	.45	160	.07	22	2.88	.02	.08	1
6+00S 4+00W	1	8	57	555	.1	19	8	1219	2.72	6	5	ND	4	18	8.8	2	4	30	.46	.210	14	17	.34	223	.15	27	3.93	.03	.07	1
6+00S 3+75W	1	9	70	676	.1	11	6	1031	2.42	2	5	ND	2	21	4.1	2	2	29	.53	.372	8	12	.21	245	.16	31	3.76	.04	.05	1
6+00S 3+50W	1	9	33	338	.1	11	7	419	2.11	6	5	ND	3	16	2.9	2	2	26	.30	.181	6	13	.14	164	.15	32	2.96	.03	.06	1
6+00S 3+25W	1	13	24	220	.1	14	8	320	2.24	2	5	ND	3	12	.9	2	3	26	.14	.123	6	12	.17	106	.16	3	4.54	.03	.04	1
6+00S 3+00W	1	19	43	338	.1	22	12	224	3.13	3	5	ND	8	13	1.6	2	2	35	.13	.115	12	22	.44	144	.14	28	4.78	.03	.07	2
6+00S 2+75W	1	13	117	518	.1	26	10	692	3.40	2	5	ND	6	16	4.7	2	2	39	.55	.159	16	18	.43	175	.15	30	4.91	.03	.06	1
6+00S 2+50W	1	13	67	849	.2	21	10	724	5.43	10	5	ND	6	12	5.4	2	2	45	.33	.165	12	17	.24	167	.16	5	5.70	.02	.05	1
6+00S 2+25W	1	11	53	893	.1	17	10	2238	5.16	9	5	ND	5	18	5.4	2	2	41	.36	.221	14	15	.28	249	.18	29	4.67	.04	.06	1
6+00S 2+00W	1	12	84	771	.1	17	9	2196	5.04	2	5	ND	5	19	2.8	2	2	42	.42	.171	16	16	.31	260	.16	4	4.53	.03	.07	1
6+00S 1+75W	1	9	66	592	.1	14	9	1798	3.45	7	5	ND	4	15	2.8	2	2	38	.33	.149	12	18	.26	313	.15	2	3.42	.03	.07	1
6+00S 1+50W	1	16	107	918	.2	28	12	752	4.93	10	5	ND	8	18	4.0	2	2	47	.44	.168	28	21	.45	184	.16	7	4.71	.03	.07	4
6+00S 1+25W	1	13	92	1148	.1	20	10	1177	5.06	7	6	ND	6	16	4.9	2	2	46	.38	.300	13	22	.31	261	.13	6	2.90	.02	.08	1
6+00S 1+00W	1	12	122	1539	.1	22	10	1362	5.08	2	5	ND	5	14	4.4	2	2	53	.35	.292	11	17	.27	199	.16	2	3.54	.02	.07	1
6+00S 0+75W	1	15	81	1424	.2	23	12	839	4.91	2	5	ND	7	16	4.3	2	2	52	.43	.190	22	21	.47	178	.15	18	4.60	.03	.09	1
6+00S 0+50W	2	8	61	950	.2	22	10	1443	3.79	2	5	ND	4	14	1.8	2	2	46	.29	.256	11	21	.32	229	.13	5	3.46	.02	.08	1
6+50N 7+50W	1	16	16	151	.2	23	9	1071	2.37	6	5	ND	5	21	.4	2	2	33	.15	.303	9	17	.25	237	.14	2	3.46	.02	.06	1
6+50N 7+00W	1	22	17	95	.2	27	14	333	2.71	7	11	ND	9	17	.4	2	2	39	.23	.069	23	23	.51	95	.09	2	1.71	.01	.09	1
6+50N 6+50W	1	19	12	133	.4	29	13	513	2.39	12	5	ND	7	14	.7	4	2	32	.12	.125	11	19	.33	138	.13	7	2.99	.02	.06	2
6+50N 6+00W	1	13	13	136	.5	19	10	1040	2.25	8	5	ND	5	15	1.2	2	2	32	.12	.208	8	16	.19	127	.15	4	3.02	.02	.05	1
6+50N 5+50W	1	13	12	104	.1	22	10	314	2.56	3	5	ND	6	13	.2	2	2	38	.12	.142	14	19	.30	107	.10	2	2.13	.01	.06	1
6+50N 5+00W	1	17	7	103	.1	26	9	359	2.26	2	5	ND	5	19	.4	2	2	31	.14	.108	11	16	.21	157	.17	6	4.44	.03	.06	2
6+50N 4+50W	1	15	12	186	.4	16	11	766	2.43	14	5	ND	6	19	.2	2	2	34	.15	.367	9	19	.25	155	.11	3	2.78	.02	.06	2
6+50N 4+00W	1	12	17	160	.1	20	12	949	2.69	8	5	ND	5	15	.2	2	2	36	.12	.389	9	18	.28	135	.12	2	2.98	.02	.06	1
6+50N 3+75W	1	16	12	127	.1	23	11	757	2.63	7	5	ND	6	13	.2	2	4	39	.11	.091	18	22	.40	135	.09	2	1.82	.01	.06	1
6+50N 3+50W	1	14	13	110	.3	20	11	662	2.29	6	5	ND	5	21	.2	2	4	31	.16	.153	10	17	.25	162	.12	5	2.83	.02	.06	1
6+50N 3+25W	1	23	15	108	.3	23	13	1079	2.35	14	5	ND	5	28	.3	2	2	37	.24	.116	9	17	.34	169	.15	2	2.80	.02	.07	2
6+50N 3+00W	1	16	12	115	.1	26	10	1446	2.44	5	5	ND	4	20	.6	2	4	33	.15	.219	9	15	.24	255	.18	34	3.61	.03	.06	1
6+50N 2+75W	1	12	11	128	.1	19	10	1979	2.09	8	5	ND	4	18	.8	2	2	29	.12	.265	8	15	.18	227	.14	3	3.15	.02	.05	1
STANDARD C	21	59	40	141	7.6	71	33	1138	4.00	41	23	7	39	53	19.0	15	18	61	.53	.100	41	60	.94	178	.09	35	1.91	.07	.15	11

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
6+50N 2+50W	1	15	20	124	.1	22	10	906	2.62	5	5	ND	6	14	.2	2	2	31	.13	.089	14	19	.38	194	.09	2	1.86	.01	.05	1
6+50N 2+25W	1	7	16	119	.1	17	7	1479	2.20	4	5	ND	4	14	.6	2	2	25	.11	.207	8	14	.15	218	.14	3	3.39	.02	.07	1
6+50N 2+00W	1	22	11	116	.1	20	9	417	2.40	3	5	ND	5	17	.8	2	2	29	.12	.130	10	15	.33	140	.10	2	2.70	.02	.07	1
6+50N 1+75W	1	14	14	163	.2	18	7	491	2.21	3	5	ND	4	16	.3	2	2	25	.13	.156	7	12	.18	137	.16	3	4.27	.02	.04	1
6+50N 1+50W	1	12	20	265	.1	15	6	532	2.09	6	5	ND	3	15	.6	2	2	23	.17	.341	6	12	.19	143	.13	3	3.16	.03	.07	1
6+50N 1+25W	1	7	17	282	.2	9	6	835	2.03	8	6	ND	4	14	1.1	2	2	20	.34	.528	6	12	.17	179	.13	3	2.94	.02	.06	2
6+50N 1+00W	1	9	60	365	.1	10	5	2145	1.92	5	5	ND	2	23	1.9	2	2	18	2.70	.422	10	12	1.12	229	.10	5	2.11	.03	.09	1
6+50N 0+75W	1	13	50	232	.1	22	9	525	2.78	5	5	ND	7	19	.5	2	2	28	.49	.150	18	19	.49	149	.11	3	2.79	.03	.10	1
6+50N 0+50W	1	9	41	230	.1	20	8	574	2.47	5	5	ND	5	18	.9	2	2	27	.78	.249	12	20	.57	184	.11	4	2.76	.02	.09	1
6+50N 0+25W	1	8	24	348	.1	17	6	392	2.26	5	5	ND	4	16	1.1	2	2	23	.36	.223	11	16	.24	142	.14	4	3.38	.03	.05	1
6+50N 0+00	1	7	37	220	.1	20	8	481	2.58	6	5	ND	5	16	.9	2	2	28	.27	.173	13	18	.31	191	.13	4	3.41	.02	.06	1
6+50S 10+00W	1	12	38	176	.1	19	8	581	3.30	3	5	ND	6	19	2.2	2	2	31	.46	.082	17	19	.49	201	.19	6	4.92	.04	.08	1
6+50S 9+50W	1	5	23	213	.1	10	5	222	2.32	2	5	ND	4	16	.9	2	2	24	.31	.190	6	13	.18	135	.19	4	4.08	.03	.05	1
6+50S 9+00W	1	7	111	418	.1	23	10	1005	3.87	3	5	ND	7	17	2.5	2	2	29	.50	.069	17	20	.58	204	.16	5	4.19	.03	.08	1
6+50S 8+50W	1	13	66	264	.1	17	8	510	3.04	2	5	ND	6	17	2.0	2	2	28	.34	.099	12	19	.36	165	.17	4	3.98	.03	.06	1
6+50S 8+00W	1	18	34	178	.1	19	8	414	3.06	2	5	ND	6	16	1.6	2	2	29	.37	.158	22	19	.39	163	.17	4	4.34	.04	.10	1
6+50S 7+75W	1	9	58	274	.1	20	9	390	3.27	2	5	ND	5	12	1.0	2	2	31	.19	.161	13	20	.31	184	.15	2	4.02	.03	.06	1
6+50S 7+50W	1	10	30	171	.3	15	8	485	2.69	2	5	ND	5	12	.9	2	2	29	.17	.154	7	15	.20	148	.16	3	3.86	.03	.05	1
6+50S 7+25W	1	8	30	255	.1	19	8	1205	3.19	7	5	ND	4	13	1.3	2	2	32	.34	.165	12	18	.34	231	.17	4	4.50	.02	.06	1
6+50S 7+00W	1	8	57	265	.1	15	7	551	2.75	4	5	ND	4	11	1.2	2	2	32	.23	.088	10	19	.24	176	.18	3	3.77	.02	.05	1
6+50S 6+75W	1	10	42	352	.1	16	8	575	2.99	2	5	ND	5	12	1.8	2	2	30	.18	.139	8	18	.24	198	.16	3	4.16	.03	.07	1
6+50S 6+50W	1	7	49	250	.1	21	8	231	2.88	5	5	ND	4	12	1.3	2	2	32	.15	.069	9	19	.32	162	.15	3	3.55	.03	.10	1
6+50S 6+25W	1	3	51	216	.1	17	7	463	2.83	5	5	ND	4	12	1.0	2	2	29	.14	.076	5	16	.20	148	.18	3	4.00	.03	.06	2
6+50S 6+00W	1	12	21	149	.2	11	5	412	2.19	3	5	ND	3	13	1.1	2	3	24	.11	.095	5	11	.12	128	.20	4	4.78	.04	.05	1
6+50S 5+75W	1	7	23	247	.1	13	5	1202	2.35	4	5	ND	3	15	2.9	2	2	26	.26	.110	6	13	.22	197	.19	4	3.78	.04	.08	1
6+50S 5+50W	1	9	21	261	.1	16	7	1944	3.43	2	5	ND	4	17	4.9	2	3	32	.62	.119	12	18	.39	253	.19	5	4.36	.04	.08	1
6+50S 5+25W	1	12	29	162	.1	18	7	650	2.75	6	5	ND	6	18	2.6	2	2	29	.47	.059	18	20	.53	144	.15	6	3.40	.03	.07	1
6+50S 5+00W	1	10	33	211	.1	23	9	697	3.26	2	5	ND	5	16	1.6	2	4	33	.19	.058	11	22	.45	236	.17	4	3.72	.03	.08	1
6+50S 4+75W	1	11	43	221	.1	30	11	605	3.35	5	5	ND	6	16	1.8	2	2	33	.32	.083	12	25	.51	225	.14	4	4.11	.02	.09	1
6+50S 4+50W	1	9	44	234	.1	21	9	491	3.12	3	5	ND	4	13	1.2	2	3	34	.25	.063	10	22	.36	228	.15	3	3.31	.02	.07	1
6+50S 4+25W	1	7	48	948	.2	8	3	3048	1.89	4	9	ND	1	19	9.2	2	2	17	7.08	.110	9	13	4.12	246	.07	5	2.16	.02	.06	1
6+50S 4+00W	1	10	43	351	.2	21	9	542	2.88	4	5	ND	4	11	3.5	2	2	31	.29	.155	6	19	.37	155	.16	3	4.68	.02	.05	1
6+50S 3+75W	1	15	71	567	.1	28	10	770	3.50	6	5	ND	7	18	5.0	2	2	27	.75	.100	25	23	.72	178	.13	4	3.91	.03	.10	1
6+50S 3+50W	1	8	56	814	.1	19	8	1385	3.09	8	5	ND	4	12	5.4	2	2	28	.32	.153	12	19	.36	292	.14	4	3.17	.03	.08	1
6+50S 3+25W	1	13	49	449	.1	21	8	485	2.87	5	5	ND	5	13	3.1	2	2	26	.14	.167	8	17	.32	237	.14	3	3.64	.03	.08	1
6+50S 3+00W	1	12	43	354	.2	21	8	1402	2.70	5	5	ND	3	10	1.7	2	2	27	.11	.122	8	19	.26	167	.15	3	3.90	.02	.06	1
STANDARD C	18	60	40	131	7.1	76	33	1052	3.99	38	22	7	37	52	18.6	15	21	56	.49	.087	37	59	.88	175	.09	32	1.92	.05	.14	11

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
6+50S 2+75W	1	20	217	1484	.3	41	10	829	4.59	14	5	ND	8	23	6.8	2	2	54	.62	.276	22	27	.45	230	.12	29	3.87	.03	.09	1
6+50S 2+50W	1	17	45	507	.1	16	8	981	2.81	5	5	ND	5	15	3.2	2	2	28	.31	.166	15	17	.27	164	.14	28	4.02	.03	.07	2
6+50S 2+25W	1	9	150	630	.2	14	7	526	2.70	5	5	ND	5	12	2.2	2	2	28	.18	.102	9	15	.18	153	.16	28	4.33	.03	.05	1
6+50S 2+00W	1	14	47	624	.1	12	6	750	2.65	6	5	ND	4	15	3.3	2	2	27	.26	.134	10	15	.21	145	.16	29	4.37	.04	.06	1
6+50S 1+75W	1	17	128	599	.1	16	7	818	3.45	4	5	ND	6	15	2.1	2	2	35	.32	.161	14	15	.31	147	.18	27	4.70	.03	.08	1
6+50S 1+50W	1	20	66	723	.2	20	7	1460	4.29	6	5	ND	5	21	4.4	2	2	41	1.01	.338	18	19	.54	216	.15	28	3.93	.03	.09	1
7+00S 10+00W	1	12	69	255	.1	29	12	1188	3.62	4	5	ND	7	13	.7	2	2	25	.27	.073	16	23	.56	216	.09	26	3.10	.02	.09	1
7+00S 9+50W	1	15	57	453	.1	23	9	1288	3.03	2	5	ND	5	13	.8	2	2	27	.24	.065	12	18	.35	294	.14	29	3.15	.02	.08	1
7+00S 9+00W	1	16	69	392	.4	26	11	755	3.14	6	6	ND	7	13	1.3	2	2	27	.14	.058	14	20	.36	179	.13	32	3.25	.03	.10	1
7+00S 8+50W	1	18	22	246	.1	17	7	438	2.25	2	5	ND	5	16	.7	2	2	24	.20	.087	11	14	.24	218	.17	29	4.10	.04	.08	1
7+00S 8+00W	1	13	30	181	.2	14	6	590	2.52	4	5	ND	4	12	.8	3	2	26	.17	.194	7	15	.21	151	.17	28	4.54	.03	.06	3
7+00S 7+75W	1	18	36	284	.1	14	7	2207	2.83	6	5	ND	4	16	2.1	2	2	24	.62	.251	13	16	.44	288	.14	25	3.64	.03	.08	1
7+00S 7+50W	1	8	27	217	.2	10	6	807	2.45	3	5	ND	3	10	1.1	2	2	27	.15	.159	7	12	.17	188	.16	27	3.52	.03	.06	1
7+00S 7+25W	1	11	35	220	.1	14	7	1045	2.80	8	5	ND	4	10	1.1	2	2	31	.14	.139	8	15	.25	230	.15	26	3.68	.02	.05	1
7+00S 7+00W	1	14	113	281	.1	18	8	409	3.06	6	5	ND	5	11	1.3	2	2	31	.15	.133	7	15	.28	192	.17	25	5.07	.03	.05	1
7+00S 6+75W	1	11	68	282	.2	17	8	868	3.12	5	5	ND	5	12	1.6	4	2	32	.39	.120	13	18	.39	213	.15	26	4.51	.02	.06	2
7+00S 6+50W	1	12	72	363	.2	21	8	444	3.01	6	5	ND	4	11	1.0	2	2	26	.15	.104	9	17	.32	203	.13	25	3.75	.02	.06	1
7+00S 6+25W	1	21	49	232	.2	21	9	280	3.05	4	5	ND	7	14	.8	5	2	31	.21	.141	18	20	.38	214	.16	27	4.91	.03	.08	1
7+00S 6+00W	1	11	50	284	.1	20	9	388	3.29	3	5	ND	6	10	1.4	2	2	36	.15	.092	10	21	.33	199	.14	21	4.36	.02	.06	1
7+00S 5+75W	1	12	57	268	.1	20	8	760	3.14	5	5	ND	5	12	1.0	5	2	31	.22	.085	9	19	.36	233	.14	28	3.90	.02	.07	3
7+00S 5+50W	1	12	55	265	.1	20	8	640	3.45	4	5	ND	6	13	3.0	2	2	33	.45	.075	15	21	.54	201	.15	26	4.45	.02	.07	2
7+00S 5+25W	1	19	74	326	.1	24	11	381	3.78	6	5	ND	8	14	2.5	4	2	31	.23	.078	19	23	.53	160	.12	26	4.02	.02	.10	1
7+00S 5+00W	1	12	69	268	.1	18	8	416	3.02	6	5	ND	6	12	1.2	5	2	28	.20	.050	13	21	.34	160	.16	25	4.18	.02	.07	3
7+00S 4+75W	1	3	37	106	.1	8	3	235	1.06	2	5	ND	2	4	.2	2	2	9	.11	.019	4	5	.14	56	.05	6	1.16	.01	.03	1
7+00S 4+50W	2	12	80	432	.2	23	9	757	3.33	4	6	ND	6	13	3.9	2	2	31	.39	.075	14	21	.53	222	.13	5	3.78	.02	.09	1
7+00S 4+25W	1	12	36	349	.1	20	7	377	2.31	2	9	ND	5	11	2.2	2	2	25	.24	.061	11	21	.46	175	.13	10	3.61	.02	.06	1
7+00S 4+00W	1	11	103	1229	.2	17	6	947	2.53	4	5	ND	5	17	15.0	4	2	28	.28	.136	14	16	.29	162	.18	23	4.72	.04	.08	1
7+00S 3+75W	1	12	60	872	.1	18	8	564	2.97	6	5	ND	5	11	4.3	2	2	32	.15	.196	7	19	.33	167	.16	27	4.65	.03	.07	1
7+00S 3+50W	1	16	88	854	.2	30	11	1699	3.15	7	5	ND	6	18	11.3	5	2	27	2.12	.145	21	32	1.83	272	.06	29	2.61	.02	.09	2
7+00S 3+25W	1	18	18	236	.1	9	5	205	2.04	4	5	ND	4	10	1.7	2	2	23	.15	.177	7	9	.16	67	.18	29	5.31	.03	.04	1
7+00S 3+00W	1	15	41	403	.1	12	6	294	2.81	9	5	ND	4	8	1.1	3	2	36	.09	.300	6	15	.18	149	.14	18	3.90	.02	.06	2
7+00S 2+75W	1	18	67	555	.1	17	8	611	3.09	3	5	ND	5	14	2.1	2	2	33	.24	.153	10	18	.32	172	.16	24	4.22	.03	.08	3
7+00S 2+50W	1	14	62	320	.1	13	7	1028	2.67	3	5	ND	4	14	2.0	2	2	29	.20	.180	9	14	.20	156	.17	29	4.25	.04	.08	2
7+50S 10+00W	1	16	47	225	.1	23	10	667	3.26	7	5	ND	6	13	.7	2	2	32	.16	.144	10	19	.37	191	.17	28	4.65	.03	.08	1
7+50S 9+50W	1	13	63	315	.1	25	11	605	3.42	6	5	ND	7	15	1.1	2	2	32	.21	.063	13	20	.38	186	.15	26	3.48	.02	.10	1
7+50S 9+00W	1	13	34	243	.1	17	7	703	2.47	2	5	ND	4	21	1.5	2	2	22	.44	.058	11	14	.31	156	.19	30	4.53	.04	.08	2
STANDARD C	19	62	41	132	7.1	71	34	1064	3.98	40	22	7	39	52	18.9	15	19	56	.49	.090	39	58	.90	175	.09	31	1.90	.06	.15	13

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
7+50S 8+50W	3	13	69	345	.1	21	11	598	2.83	2	5	ND	6	22	1.0	2	2	32	.29	.061	12	17	.33	195	.17	3	4.14	.03	.07	1
7+50S 8+00W	1	8	30	296	.2	17	9	781	2.20	7	5	ND	3	13	.2	7	2	27	.14	.154	9	16	.23	202	.13	2	3.01	.03	.06	2
7+50S 7+75W	1	4	30	208	.1	12	8	530	2.06	2	5	ND	2	13	.4	2	2	28	.12	.381	7	14	.15	238	.14	2	2.27	.03	.05	1
7+50S 7+50W	1	10	31	261	.1	10	9	1662	2.19	9	5	ND	1	13	1.0	5	2	33	.21	.295	7	16	.15	194	.15	2	2.96	.03	.06	1
7+50S 7+25W	2	8	41	251	.3	17	10	396	2.84	11	5	ND	5	12	1.1	8	2	37	.12	.089	9	18	.26	168	.15	6	3.95	.02	.05	3
7+50S 7+00W	1	9	50	286	.1	18	9	879	2.71	4	5	ND	2	12	.6	2	2	31	.19	.151	12	19	.29	225	.11	2	2.14	.02	.06	1
7+50S 6+75W	1	8	62	335	.1	16	10	646	2.89	6	5	ND	4	11	1.1	2	2	39	.21	.151	9	18	.29	191	.15	3	4.01	.02	.06	1
7+50S 6+50W	2	9	74	333	.3	20	11	610	2.83	4	5	ND	5	12	1.1	4	6	39	.12	.147	9	20	.24	193	.15	2	3.56	.02	.05	1
7+50S 6+25W	2	12	118	510	.1	21	12	898	3.27	19	5	ND	7	19	5.4	8	2	40	.42	.171	22	19	.33	241	.19	7	5.13	.03	.06	3
7+50S 6+00W	3	10	606	1726	.1	26	11	498	6.29	27	5	ND	5	12	3.0	2	2	44	.16	.121	10	16	.24	133	.17	2	4.62	.02	.05	2
7+50S 5+75W	1	6	96	628	.1	16	8	785	2.98	14	5	ND	4	12	2.2	2	3	40	.15	.116	6	15	.20	204	.20	2	4.43	.03	.05	1
7+50S 5+50W	1	7	68	707	.2	18	10	1682	3.11	22	5	ND	4	16	4.4	11	2	41	.27	.118	10	20	.27	277	.20	2	4.93	.03	.06	3
7+50S 5+25W	1	11	138	567	.1	20	11	1326	3.87	15	5	ND	5	14	4.9	4	2	49	.31	.108	19	20	.35	227	.19	2	5.05	.03	.06	2
7+50S 5+00W	2	14	129	459	.1	23	12	1097	3.66	17	5	ND	7	23	5.4	9	2	47	.50	.103	23	26	.48	208	.20	6	5.30	.04	.08	2
STANDARD C	18	55	39	133	6.9	69	34	1038	3.95	39	18	6	37	52	18.4	18	20	54	.48	.090	37	58	.86	178	.09	33	1.86	.06	.15	11

GEOCHEMICAL ANALYSIS CERTIFICATE

Guinet Management PROJECT LIBBY File # 91-2373 Page 1

305 - 850 W. Hastings St., Vancouver BC V6C 1E1

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
1+00N 7+75W	1	15	20	140	.4	25	8	236	2.54	2	5	ND	5	18	1.6	2	2	32	.20	.103	13	16	.24	203	.14	4	3.42	.02	.10	1
1+00N 7+25W	1	15	19	144	.3	22	8	370	2.66	6	5	ND	4	17	2.8	2	2	35	.14	.163	5	14	.14	156	.20	4	4.89	.03	.05	1
1+00N 6+75W	1	15	24	140	.1	30	12	359	2.99	6	5	ND	5	14	.8	2	2	34	.14	.099	20	23	.33	150	.07	2	2.60	.02	.09	1
1+00N 6+25W	1	10	22	115	.1	20	8	330	2.59	3	5	ND	3	18	1.9	2	2	32	.18	.146	13	16	.17	218	.11	2	2.57	.02	.09	1
1+00N 5+75W	1	14	21	233	.1	21	8	937	2.65	5	5	ND	2	20	1.7	2	2	31	.17	.268	10	16	.15	273	.15	3	3.88	.04	.10	1
1+00N 5+30W	1	16	30	405	.1	15	7	2361	2.32	5	5	ND	2	24	3.7	2	2	27	.43	.284	7	19	.21	392	.15	3	2.72	.04	.12	1
0+75N 10+00W	1	21	24	93	.1	30	14	556	3.06	3	5	ND	13	20	1.2	4	2	18	.74	.079	39	21	.73	81	.04	2	1.30	.01	.11	1
0+75N 9+75W	1	14	28	202	.1	27	10	333	2.60	8	5	ND	4	18	1.6	2	2	35	.27	.121	20	21	.54	212	.06	2	2.07	.02	.14	1
0+75N 9+50W	1	12	23	277	.2	26	9	165	2.57	6	5	ND	4	12	2.1	2	2	36	.15	.107	14	21	.28	134	.09	3	2.63	.02	.11	1
0+75N 9+25W	1	20	33	203	.3	33	12	364	3.18	9	5	ND	6	19	1.4	2	2	40	.49	.074	26	29	.70	178	.05	3	2.26	.02	.14	1
0+50N 10+00W	1	26	41	468	.7	46	20	683	4.05	2	5	ND	3	21	2.2	2	2	46	.58	.104	30	39	.67	249	.10	3	5.22	.03	.15	2
0+50N 9+75W	1	17	35	402	.3	34	15	321	3.35	6	5	ND	8	22	2.7	2	2	42	.25	.163	16	25	.37	212	.12	3	3.84	.03	.12	1
0+50N 9+50W	2	19	65	4731	.5	24	7	314	2.42	3	5	ND	3	23	3.3	2	2	28	.61	.167	12	18	.31	251	.15	4	4.01	.04	.10	2
0+50N 9+25W	1	14	26	520	.3	30	10	219	2.95	4	5	ND	6	14	1.4	2	2	37	.20	.084	14	17	.29	151	.10	3	3.39	.02	.10	1
0+50N 7+75W	1	15	60	207	.1	25	9	322	3.20	3	5	ND	7	18	1.5	2	2	36	.21	.126	12	18	.27	177	.14	3	3.57	.02	.13	1
0+50N 7+25W	1	20	26	171	.2	35	12	359	3.31	4	5	ND	7	17	2.1	2	2	35	.18	.106	21	26	.54	238	.10	3	3.27	.02	.11	1
0+50N 6+75W	1	15	27	230	.1	27	10	1158	2.64	5	5	ND	4	18	1.0	2	2	37	.18	.204	11	17	.23	219	.14	2	3.11	.03	.11	1
0+50N 6+25W	1	11	19	144	.1	19	7	550	2.31	6	5	ND	4	14	1.7	2	2	32	.12	.277	8	14	.14	142	.13	2	3.40	.02	.06	1
0+50N 5+75W	1	12	23	197	.1	19	7	610	2.43	8	5	ND	5	26	1.7	2	2	33	.20	.381	8	17	.14	187	.13	4	3.17	.06	.15	1
0+50N 5+25W	1	28	25	140	.2	33	11	235	2.98	4	5	ND	7	21	2.6	2	2	35	.20	.108	19	22	.30	206	.15	4	4.53	.03	.12	1
0+25N 10+00W	1	18	26	328	.6	31	11	171	2.94	2	5	ND	6	16	1.9	2	2	34	.16	.113	21	23	.45	200	.11	3	3.34	.02	.12	1
0+25N 9+75W	1	13	18	334	.3	26	9	412	2.55	4	5	ND	5	17	2.3	2	2	32	.19	.325	11	19	.23	177	.12	4	3.50	.03	.10	1
0+25N 9+50W	2	24	64	5010	.7	15	4	1096	1.19	3	5	ND	1	27	11.1	2	2	14	3.12	.113	7	11	.55	179	.05	10	1.65	.03	.07	1
0+25N 9+25W	1	12	20	644	.2	21	7	1048	2.51	4	5	ND	4	11	2.5	2	2	33	.21	.167	13	17	.23	165	.10	3	3.02	.02	.08	1
1+50S 10+75W	1	15	37	483	.1	44	18	405	4.02	5	5	ND	9	18	1.0	2	2	18	.26	.042	35	28	.66	85	.02	2	2.10	.01	.05	1
1+50S 10+50W	1	22	29	361	.5	29	13	203	3.18	3	5	ND	7	16	1.6	2	2	36	.20	.102	17	23	.50	174	.12	2	4.36	.02	.09	1
1+50S 10+25W	1	9	39	813	.3	18	7	139	2.97	5	5	ND	5	10	2.0	2	2	41	.14	.081	21	22	.28	126	.07	2	2.38	.01	.07	1
2+00S 10+75W	1	18	58	649	.1	26	11	469	2.40	3	5	ND	1	90	2.2	2	2	12	9.38	.069	18	17	2.40	58	.03	4	1.26	.01	.04	1
2+00S 10+50W	1	22	55	1699	.4	33	14	379	3.35	6	5	ND	8	16	2.3	2	2	37	.47	.073	20	26	.58	198	.11	2	3.50	.02	.12	1
2+00S 10+25W	1	12	70	1178	.1	22	10	415	3.17	2	5	ND	6	13	2.9	2	2	33	.14	.050	14	17	.22	139	.15	2	4.79	.02	.04	1
2+50S 10+75W	1	11	55	1651	.1	15	7	406	2.75	2	5	ND	1	24	2.5	2	2	30	1.43	.068	11	17	.49	225	.11	4	3.93	.03	.05	1
2+50S 10+50W	1	14	52	1252	.1	11	7	234	2.81	2	5	ND	3	13	4.9	2	2	28	.24	.209	8	13	.13	122	.16	3	4.80	.03	.04	1
2+50S 10+25W	3	18	140	7407	.3	16	7	1448	2.73	2	5	ND	2	31	10.8	2	2	26	3.99	.217	17	23	2.14	233	.11	3	3.12	.03	.07	1
3+00S 10+75W	1	17	85	1166	.1	22	8	601	2.01	2	5	ND	3	73	4.6	2	2	12	11.41	.083	16	16	1.91	77	.03	8	1.23	.01	.05	1
3+00S 10+50W	1	12	40	560	.6	10	5	198	2.61	5	5	ND	3	11	2.8	2	2	33	.36	.299	5	13	.12	83	.17	2	3.48	.02	.03	1
3+00S 10+25W	1	30	53	445	.2	36	15	483	3.59	7	5	ND	8	22	1.3	2	2	45	.30	.062	28	33	.64	243	.11	2	2.92	.02	.15	1
STANDARD C	19	61	43	131	7.4	70	33	1054	3.96	40	21	6	40	53	18.5	15	22	56	.48	.089	38	58	.88	177	.09	32	1.88	.07	.15	12

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P4 SOIL P5 SILT P6 ROCK

DATE RECEIVED: JUL 7 1991 **DATE REPORT MAILED:** July 15/91. **SIGNED BY** C. Leong .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
3+50S 11+00W	2	20	40	2698	.8	24	12	1271	3.00	9	5	ND	2	22	5.6	2	2	23	.70	.039	28	24	.33	254	.10	2	3.52	.03	.04	1
3+50S 10+75W	2	18	39	2469	.7	25	7	221	2.30	6	5	ND	1	22	2.3	2	2	22	.91	.058	24	21	.52	222	.11	2	3.46	.04	.11	1
3+50S 10+50W	1	12	69	950	.3	16	7	1948	2.49	4	5	ND	1	19	3.4	2	2	27	2.88	.242	15	17	1.54	303	.11	2	3.02	.03	.08	1
3+50S 10+25W	1	14	36	1568	.7	14	8	330	2.83	7	5	ND	4	18	5.3	2	2	32	.29	.328	11	12	.14	169	.20	6	5.71	.04	.04	1
4+00S 11+50W	2	11	75	4243	.5	22	8	335	2.20	7	5	ND	1	19	4.2	2	2	24	.96	.082	15	22	.30	188	.09	4	3.35	.03	.08	1
4+00S 11+25W	1	11	38	1876	.5	24	11	1154	2.95	5	5	ND	3	14	2.1	2	2	29	.22	.129	20	25	.27	197	.08	2	2.84	.02	.09	1
4+00S 11+00W	2	16	59	3051	.3	37	13	535	3.44	4	5	ND	8	18	2.8	2	2	28	.24	.067	31	28	.51	314	.10	2	3.36	.02	.13	1
4+00S 10+75W	1	9	50	840	.3	20	7	197	2.48	7	5	ND	3	11	1.2	2	2	30	.12	.068	19	21	.23	129	.08	2	2.60	.02	.06	1
4+00S 10+50W	1	12	77	2489	.7	19	6	899	2.35	3	5	ND	3	20	3.8	2	2	22	6.41	.086	29	19	3.29	137	.06	2	2.07	.02	.06	1
4+00S 10+25W	1	17	55	997	.3	34	12	959	3.68	5	5	ND	6	19	4.0	2	2	38	.66	.156	25	32	.84	220	.10	3	3.20	.02	.15	1
4+50S 11+50W	1	21	53	1314	.3	32	13	332	3.43	6	5	ND	4	18	2.2	2	2	43	.26	.104	24	29	.52	321	.12	3	3.78	.03	.14	3
4+50S 11+25W	2	11	185	3176	1.5	18	7	729	1.98	3	5	ND	1	18	2.5	2	2	21	7.03	.065	13	14	3.49	142	.06	2	1.67	.02	.05	1
4+50S 11+00W	1	7	213	2711	2.6	12	4	315	1.23	2	5	ND	1	23	3.8	2	2	10	10.29	.049	10	12	4.73	105	.04	2	1.24	.02	.03	1
4+50S 10+75W	1	12	41	665	.3	25	10	276	3.05	3	5	ND	5	17	1.4	2	2	33	.44	.071	16	20	.48	232	.13	2	3.93	.03	.09	1
4+50S 10+50W	1	13	64	424	.2	18	8	1314	3.09	4	5	ND	2	17	2.6	2	2	37	.26	.162	13	23	.21	253	.15	2	3.40	.03	.10	1
4+50S 10+25W	1	16	57	438	.2	27	9	739	3.54	4	5	ND	5	19	3.4	2	2	40	.53	.134	18	25	.56	309	.17	3	4.21	.03	.14	1
5+00S 12+00W	1	17	89	586	.2	27	11	434	3.36	7	5	ND	6	14	2.7	2	2	33	.17	.115	24	22	.26	172	.11	2	4.12	.02	.06	2
5+00S 11+75W	1	12	70	617	.2	18	8	755	2.76	5	5	ND	2	14	1.1	2	2	32	.41	.247	12	18	.23	197	.10	2	2.55	.02	.09	1
5+00S 11+50W	1	15	55	1403	.3	28	11	927	3.18	7	5	ND	5	20	3.4	2	2	38	.86	.238	21	24	.61	264	.12	4	3.54	.03	.13	1
5+00S 11+25W	1	14	30	787	.2	28	10	769	3.30	4	5	ND	2	17	2.9	2	2	40	.24	.155	16	25	.30	290	.14	3	4.20	.03	.12	3
5+00S 11+00W	1	15	46	465	.3	21	9	941	2.95	6	5	ND	3	18	1.1	2	2	37	.35	.187	13	19	.25	219	.15	2	3.63	.03	.10	1
5+00S 10+75W	1	16	44	291	.2	21	8	663	3.00	5	5	ND	4	18	3.5	2	2	35	.22	.223	12	19	.25	193	.17	2	4.48	.03	.09	3
5+00S 10+50W	1	19	111	369	.2	19	8	238	3.29	5	5	ND	3	22	3.0	2	2	36	.32	.105	22	20	.28	164	.19	2	5.06	.04	.08	1
5+00S 10+25W	1	13	140	407	.2	23	9	855	3.58	3	5	ND	5	21	3.7	2	2	38	.40	.080	22	27	.48	208	.16	3	4.00	.03	.10	1
5+50S 12+00W	1	18	151	612	.2	35	15	531	4.04	6	5	ND	3	18	1.6	2	2	28	.96	.124	24	25	.87	133	.05	2	2.22	.01	.07	1
5+50S 11+75W	1	12	46	966	.4	17	8	465	2.66	4	5	ND	1	18	3.2	2	2	32	1.35	.106	12	19	.65	195	.09	2	2.82	.02	.05	1
5+50S 11+50W	1	10	46	2664	.2	17	9	921	2.94	7	5	ND	2	15	5.2	2	2	31	.61	.254	6	20	.20	203	.15	2	2.93	.02	.08	1
5+50S 11+25W	1	20	77	433	.3	28	12	1947	2.96	5	5	ND	2	22	3.6	2	2	22	3.82	.113	22	24	2.28	188	.05	2	1.71	.01	.12	1
5+50S 11+00W	1	15	38	215	.1	21	9	924	3.17	6	5	ND	2	19	1.8	2	2	32	.48	.156	17	22	.31	253	.16	2	4.18	.03	.08	1
5+50S 10+75W	1	13	94	257	.2	19	7	2991	3.11	5	5	ND	1	25	2.9	2	2	30	2.99	.139	15	20	1.55	301	.12	2	3.06	.03	.12	1
5+50S 10+50W	1	16	55	264	.2	21	9	542	2.94	5	5	ND	4	20	2.2	2	2	31	.82	.110	20	19	.51	178	.16	4	4.14	.03	.10	1
5+50S 10+25W	1	12	28	188	.1	13	5	686	2.22	3	5	ND	1	26	3.2	2	2	23	1.03	.105	15	17	.52	161	.17	6	4.14	.05	.07	1
6+00S 12+00W	2	26	134	3984	1.2	26	8	1202	2.71	4	5	ND	1	28	4.4	2	2	23	1.14	.067	20	29	.57	215	.10	2	3.16	.03	.10	1
6+00S 11+75W	1	16	40	562	.4	28	12	289	3.14	4	5	ND	5	21	2.4	2	2	25	.33	.034	22	25	.26	181	.13	2	3.65	.04	.09	1
6+00S 11+50W	1	12	42	341	.2	22	9	443	2.91	4	5	ND	3	13	1.8	2	2	35	.19	.068	11	22	.21	201	.14	2	3.30	.02	.09	1
6+00S 11+25W	1	19	54	303	.2	33	12	960	3.57	6	5	ND	6	17	1.1	2	2	36	.23	.082	23	31	.52	210	.10	2	3.17	.02	.12	1
STANDARD C	19	61	38	132	7.4	70	33	1056	3.98	43	20	7	39	53	18.8	15	22	58	.48	.090	39	58	.89	178	.09	34	1.89	.06	.15	11

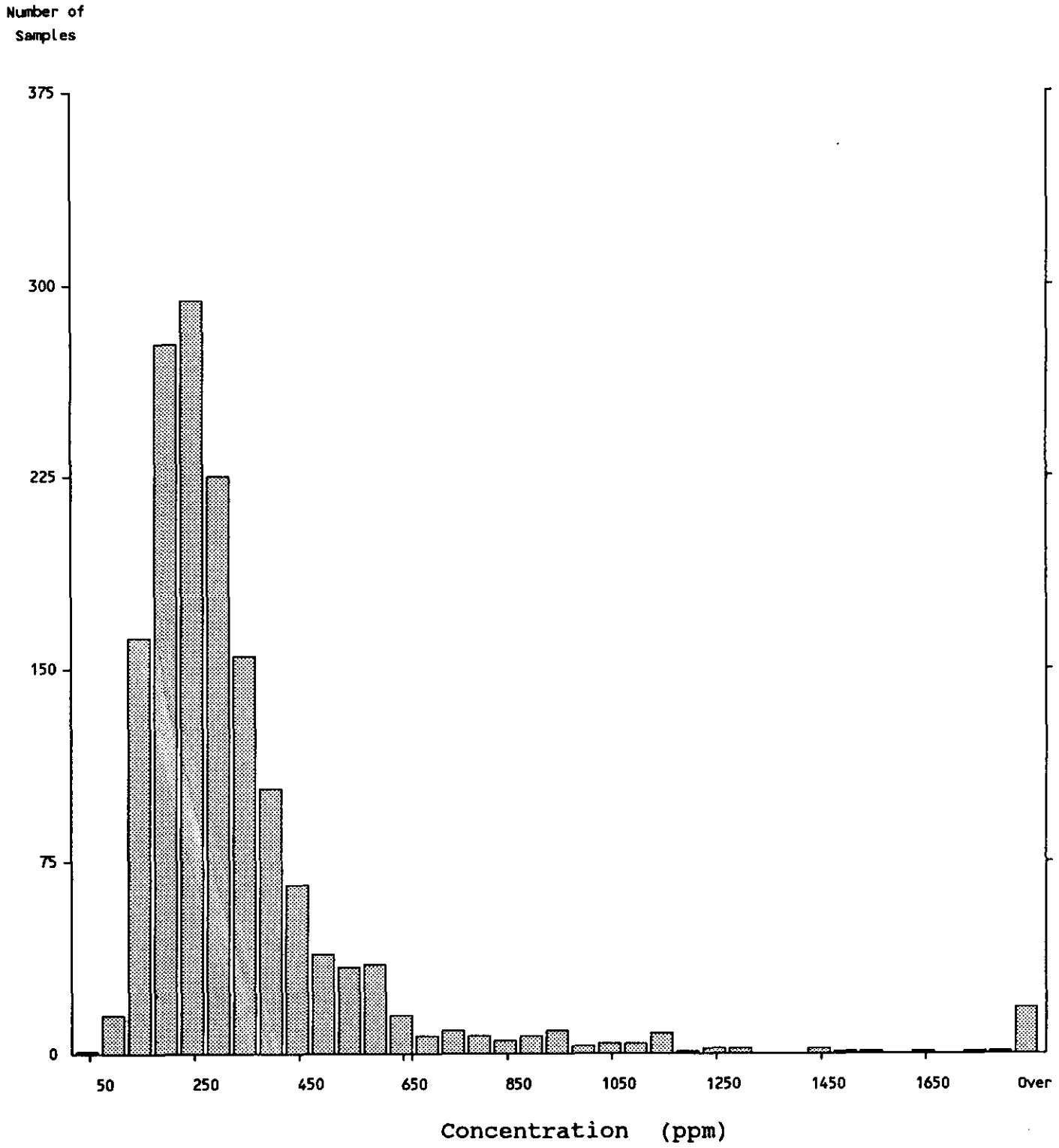
SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
6+00S 11+00W	1	11	46	360	.1	25	9	1052	2.98	3	5	ND	6	14	.6	2	2	34	.15	.137	11	19	.32	192	.15	2	3.68	.02	.07	1
6+00S 10+75W	1	15	43	244	.1	27	10	613	3.23	6	5	ND	7	14	.5	2	2	32	.18	.117	13	16	.35	245	.14	2	3.88	.02	.07	1
6+00S 10+50W	1	19	87	296	.1	39	15	1418	4.23	5	5	ND	8	16	1.2	2	2	29	.94	.081	33	28	1.01	267	.07	2	2.81	.02	.13	1
6+00S 10+25W	1	8	80	332	.1	28	10	570	3.18	2	5	ND	5	16	.3	2	2	32	.22	.082	11	24	.34	188	.15	5	3.42	.03	.09	1
6+50S 11+75W	1	9	33	630	.2	21	11	276	3.31	6	5	ND	5	13	.7	2	3	35	.15	.090	11	20	.28	203	.14	2	4.09	.02	.07	3
6+50S 11+50W	1	8	41	589	.2	24	10	856	3.39	2	5	ND	6	16	1.3	2	2	36	.27	.090	13	22	.35	173	.13	4	3.08	.02	.10	2
6+50S 11+25W	1	10	44	261	.1	21	8	366	3.06	2	5	ND	6	16	.2	2	2	34	.19	.096	11	18	.30	190	.17	3	3.70	.03	.06	1
6+50S 11+00W	1	11	40	237	.1	24	9	257	3.14	5	5	ND	7	17	.2	2	2	35	.18	.087	10	18	.33	201	.18	3	4.82	.03	.06	1
6+50S 10+75W	1	10	65	315	.1	22	10	505	3.36	4	5	ND	6	12	.6	2	2	37	.15	.079	11	20	.34	173	.15	2	3.72	.02	.06	1
6+50S 10+50W	1	16	58	215	.1	23	9	399	3.25	3	5	ND	8	19	.5	2	2	34	.26	.102	25	21	.42	185	.18	3	4.73	.03	.07	1
6+50S 10+25W	1	11	37	171	.1	16	7	1770	3.05	4	5	ND	5	21	1.3	2	2	33	.54	.101	16	16	.46	230	.18	2	4.13	.04	.07	1
7+00S 11+75W	1	9	46	373	.1	25	10	469	3.42	2	5	ND	7	12	.4	2	2	34	.17	.125	13	21	.35	177	.13	3	3.67	.02	.07	1
7+00S 11+50W	1	16	58	218	.1	30	11	327	3.40	4	5	ND	9	18	.2	2	2	30	.22	.097	12	23	.47	135	.14	2	4.24	.03	.10	1
7+00S 11+25W	1	14	55	236	.1	23	9	839	3.39	6	5	ND	7	19	.6	2	2	33	.53	.074	28	23	.56	222	.15	3	4.04	.03	.08	1
7+00S 11+00W	1	15	58	250	.1	21	9	615	3.39	4	5	ND	7	19	.8	2	2	36	.30	.118	21	20	.46	239	.18	3	4.40	.03	.09	1
7+00S 10+75W	1	11	42	176	.1	22	9	500	3.15	2	5	ND	7	13	.2	2	2	37	.15	.081	13	18	.37	160	.17	2	3.99	.02	.08	1
7+00S 10+50W	1	8	45	208	.2	19	8	1348	2.93	2	5	ND	4	12	.2	2	2	34	.17	.083	11	17	.26	203	.16	2	3.15	.02	.06	1
7+00S 10+25W	1	8	36	195	.1	20	8	318	2.72	2	5	ND	5	14	.2	2	2	29	.20	.061	10	15	.26	160	.16	3	3.58	.02	.07	1
7+50S 12+00W	1	17	43	462	.1	26	10	199	3.15	5	5	ND	7	12	.7	2	2	31	.34	.098	23	21	.43	169	.14	3	4.00	.02	.07	1
7+50S 11+75W	1	13	34	220	.1	27	9	583	3.14	3	5	ND	7	23	.3	2	2	29	.46	.099	24	23	.49	193	.13	4	3.58	.03	.08	1
7+50S 11+50W	1	8	27	151	.1	17	6	1393	3.33	6	5	ND	5	20	.3	2	2	30	1.05	.142	17	20	.72	210	.17	7	4.04	.04	.08	1
7+50S 11+25W	1	8	27	135	.1	19	8	1222	3.42	2	5	ND	6	20	.3	2	2	31	1.55	.074	21	22	1.14	201	.14	4	3.66	.03	.10	1
7+50S 11+00W	1	8	30	160	.1	20	7	861	3.37	2	5	ND	5	21	.2	2	2	32	.89	.086	19	24	.62	219	.19	2	4.42	.03	.06	1
7+50S 10+75W	1	13	28	185	.2	19	8	1078	3.17	2	5	ND	6	18	.6	2	2	34	.79	.155	13	18	.61	229	.16	2	3.91	.03	.08	1
7+50S 10+50W	1	11	19	160	.1	17	7	543	2.96	2	5	ND	5	16	.2	2	2	33	.22	.113	11	16	.34	173	.19	2	4.27	.03	.06	1
7+50S 10+25W	1	11	24	164	.1	21	8	1020	3.24	4	5	ND	5	13	.2	2	3	38	.19	.107	12	18	.39	236	.17	2	4.11	.03	.07	1
3+70E 2+70N	5	49	131	1335	1.0	87	12	1674	5.35	15	5	ND	11	35	8.6	2	2	50	1.92	.947	31	20	.74	317	.06	3	2.05	.01	.27	4
3+70E 2+60N	2	69	49	360	.3	72	23	1028	5.94	13	5	ND	16	34	.9	2	2	79	.50	.118	36	54	1.36	287	.15	2	3.40	.02	.64	1
3+70E 2+40N	4	46	179	1695	1.3	95	13	2135	5.32	19	8	ND	11	40	10.9	4	2	55	2.87	1.894	31	10	.53	553	.05	3	1.84	.01	.28	6
3+70E 2+30N	2	30	168	1107	.7	61	10	1410	3.77	13	5	ND	7	50	9.7	4	2	35	5.61	1.161	24	12	2.29	334	.03	3	1.31	.01	.21	4
3+70E 2+20N	2	42	152	1233	.8	73	12	1546	4.64	14	5	ND	10	40	9.2	2	2	46	3.53	1.191	28	16	1.51	457	.05	3	1.73	.01	.27	3
STANDARD C	18	58	39	132	6.9	70	30	1035	3.92	39	15	6	37	52	18.2	17	19	56	.48	.090	36	57	.88	175	.09	32	1.87	.06	.15	11

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
P-SO-1	1	11	55	93	.1	13	5	1098	2.00	2	5	ND	2	21	1.2	2	2	26	1.64	.149	10	12	.62	176	.09	5	2.18	.02	.11	1
P-SO-2	1	14	27	127	.1	10	4	1039	1.55	2	5	ND	2	27	1.4	2	2	19	3.44	.351	8	9	1.25	233	.08	8	1.82	.02	.09	1
P-SO-3	1	22	64	317	.1	5	2	1125	.71	2	5	ND	1	97	2.5	3	2	10	13.24	.839	8	4	1.75	668	.03	52	.70	.02	.16	1
P-SO-4	1	13	52	164	.2	17	5	717	1.88	2	5	ND	1	37	1.2	2	2	23	3.05	.383	13	15	1.19	193	.08	11	1.84	.03	.16	1
P-SO-5	1	19	58	97	.3	16	5	1211	2.11	11	5	ND	1	32	.6	2	2	31	9.04	.482	16	11	4.04	121	.05	10	1.82	.02	.13	1
P-SO-6	1	19	41	117	.1	10	3	2420	1.81	2	5	ND	1	34	2.0	2	2	15	9.21	.272	12	6	3.92	286	.05	12	1.20	.02	.17	1
P-SO-7	1	14	34	91	.2	17	5	834	2.13	2	5	ND	5	36	1.1	2	2	31	2.82	.452	15	15	1.23	178	.10	5	2.34	.04	.15	1
P-SO-8	1	12	23	96	.3	17	5	966	2.37	2	5	ND	3	35	1.1	2	2	25	1.19	.325	15	17	.69	219	.12	7	2.72	.04	.19	1
P-SO-9	1	26	29	177	.3	43	15	816	3.93	2	5	ND	9	35	2.5	2	2	31	.48	.095	29	22	1.59	153	.14	7	2.81	.02	.69	1
P-SO-10	1	26	9	118	.3	40	13	235	3.10	2	5	ND	4	52	1.8	2	2	29	.48	.057	24	21	1.43	114	.13	5	3.22	.03	.36	1
P-SO-11	1	19	33	128	.2	42	13	657	3.06	3	5	ND	4	28	1.5	2	2	25	.40	.121	14	16	.23	219	.11	5	2.34	.03	.19	1
P-SO-12	1	56	29	74	.3	27	6	331	1.60	15	5	ND	1	127	.8	2	2	14	19.24	.155	11	7	.52	119	.02	7	.72	.01	.09	1
P-SO-13	1	13	18	111	.1	22	7	628	2.22	5	5	ND	2	32	.8	2	2	27	.81	.109	12	15	.25	197	.10	3	2.13	.02	.13	1
P-SO-14	1	14	14	117	.2	24	7	562	2.23	4	5	ND	4	27	1.8	2	2	26	.27	.215	10	17	.23	191	.12	3	2.83	.02	.12	1
P-SO-15	1	20	26	108	.3	30	10	447	2.82	6	5	ND	6	19	1.2	2	2	34	.33	.126	15	18	.29	164	.11	3	3.30	.02	.13	1
P-SO-16	1	15	14	159	.2	16	6	820	2.32	6	5	ND	4	24	2.0	2	2	28	.33	.346	8	15	.16	188	.15	3	3.52	.04	.12	1
P-SO-17	1	15	15	136	.2	27	9	406	2.35	4	5	ND	3	21	1.6	2	2	30	.31	.211	14	19	.23	209	.13	3	3.65	.04	.12	1
P-SO-18	1	12	21	83	.2	12	4	434	1.66	2	5	ND	1	30	1.7	2	2	19	.92	.374	10	7	.18	132	.15	6	3.54	.05	.09	1
P-SO-19	1	13	14	109	.2	17	5	523	2.05	3	5	ND	4	27	1.7	2	2	26	.79	.336	14	13	.25	138	.14	4	3.17	.04	.10	1
P-SO-20	1	15	20	108	.1	27	10	387	2.77	3	5	ND	7	14	1.1	2	2	36	.28	.138	20	22	.38	160	.08	3	2.19	.02	.12	1
P-SO-21	1	11	33	145	.1	10	3	1531	1.31	2	5	ND	1	29	2.1	2	2	19	1.75	.375	5	10	.53	179	.10	5	1.77	.04	.12	1
P-SO-22	1	16	18	112	.3	18	7	3232	3.98	5	5	ND	3	25	1.7	2	2	35	1.41	.063	18	19	.95	284	.19	6	4.46	.04	.13	1
P-SO-23	1	10	10	56	.1	6	2	1240	.95	2	5	ND	1	27	.4	2	2	6	13.73	.078	5	4	6.21	103	.03	7	1.05	.02	.04	1
P-SO-24	1	18	17	79	.1	24	9	457	3.45	7	5	ND	3	17	2.2	2	2	38	.28	.055	9	22	.27	160	.16	4	3.85	.03	.10	1
P-SO-25	1	14	28	106	.2	25	10	3489	4.78	8	5	ND	3	25	1.6	2	2	35	1.71	.080	22	23	.98	355	.13	5	4.45	.03	.11	1
P-SO-26	1	14	23	93	.2	27	10	1275	3.41	5	5	ND	4	17	.6	2	2	30	.24	.062	14	21	.29	243	.13	3	3.33	.03	.12	1
P-SO-27	1	14	20	291	.1	30	10	790	3.55	7	5	ND	4	19	1.4	2	2	31	.20	.075	14	19	.26	187	.14	6	3.67	.03	.14	1
P-SO-28	1	21	22	146	.2	43	12	1336	3.23	5	5	ND	3	37	1.7	2	2	27	.33	.122	18	31	.29	256	.10	2	2.87	.02	.13	1
P-SO-29	1	20	20	114	.3	50	14	625	3.21	5	5	ND	3	37	.9	2	2	25	.26	.189	16	23	.30	155	.10	5	3.20	.02	.13	1
P-SO-30	1	18	22	120	.3	51	15	813	3.09	3	10	ND	1	46	.5	2	2	29	.30	.114	19	20	.30	171	.09	2	2.44	.02	.11	1
P-SO-31	1	16	16	119	.2	38	12	1778	2.65	3	9	ND	2	50	.9	2	2	22	.39	.111	20	23	.29	245	.08	4	2.27	.02	.14	1
P-SO-32	1	15	13	108	.3	35	8	993	2.32	7	5	ND	3	36	.8	2	2	25	.24	.255	10	16	.17	185	.13	4	2.83	.03	.08	1
P-SO-33	1	20	21	118	.2	41	12	1590	2.61	4	5	ND	3	32	.2	2	2	23	.19	.178	17	22	.27	218	.10	2	2.22	.02	.11	1
STANDARD C	19	62	38	132	7.3	70	33	1055	3.98	40	23	8	40	53	17.6	15	22	58	.48	.089	38	60	.89	177	.09	33	1.89	.06	.15	13

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
P-SI-1	1	35	27	154	.2	37	12	505	2.77	12	5	ND	1	138	.7	2	2	17	3.92	.108	14	25	.63	164	.03	4	1.37	.02	.12	1
P-SI-2	2	33	24	144	.1	42	15	506	3.47	16	5	ND	3	104	.6	3	2	22	2.95	.096	18	30	.79	175	.05	3	1.56	.02	.13	1
P-SI-3	1	11	44	626	.3	12	4	382	1.49	4	5	ND	1	54	2.7	2	2	9	15.66	.066	7	15	2.42	67	.02	6	.75	.01	.05	4
P-SI-4	1	18	17	93	.2	15	6	183	1.45	2	5	ND	2	135	.2	2	2	4	27.10	.033	12	14	.59	47	.01	2	.67	.01	.04	1
P-SI-5	1	16	20	97	.2	26	11	533	2.63	2	5	ND	2	63	.3	2	2	11	5.59	.077	12	22	.63	62	.03	5	1.20	.01	.07	1
P-SI-6	1	11	9	62	.1	12	5	257	1.22	2	5	ND	1	147	.3	2	2	4	24.94	.046	8	13	.36	27	.01	5	.59	.01	.03	1
P-SI-7	1	12	23	350	.2	21	8	354	2.15	4	5	ND	3	47	.7	3	2	12	4.84	.059	13	19	2.01	64	.02	2	.98	.01	.06	2

GUINET MANAGEMENT

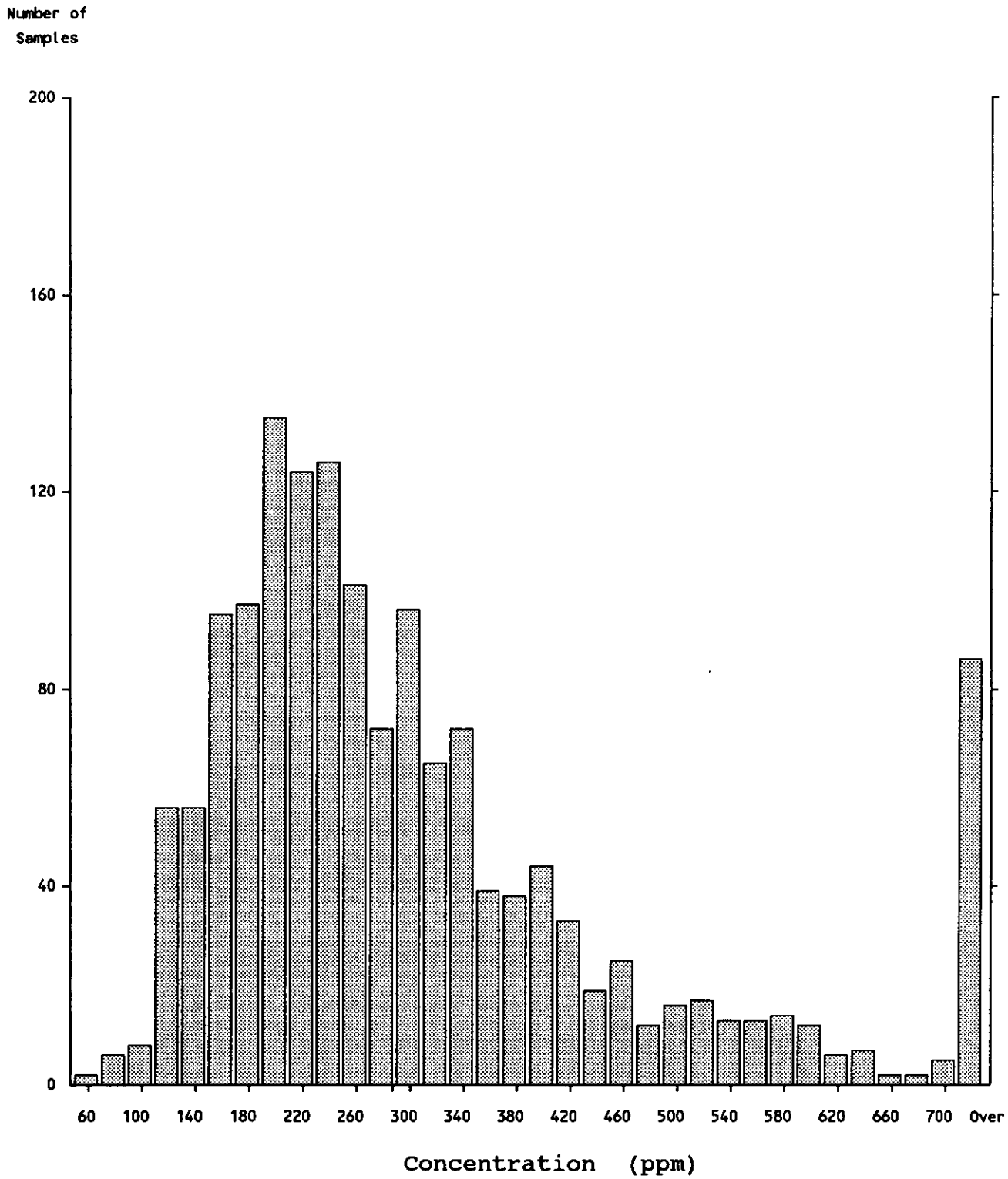
Zn



1514 Samples	Maximum:	9103	Mean: 339
	Minimum:	50	Median: 252
			Standard Deviation: 443

GUINET MANAGEMENT

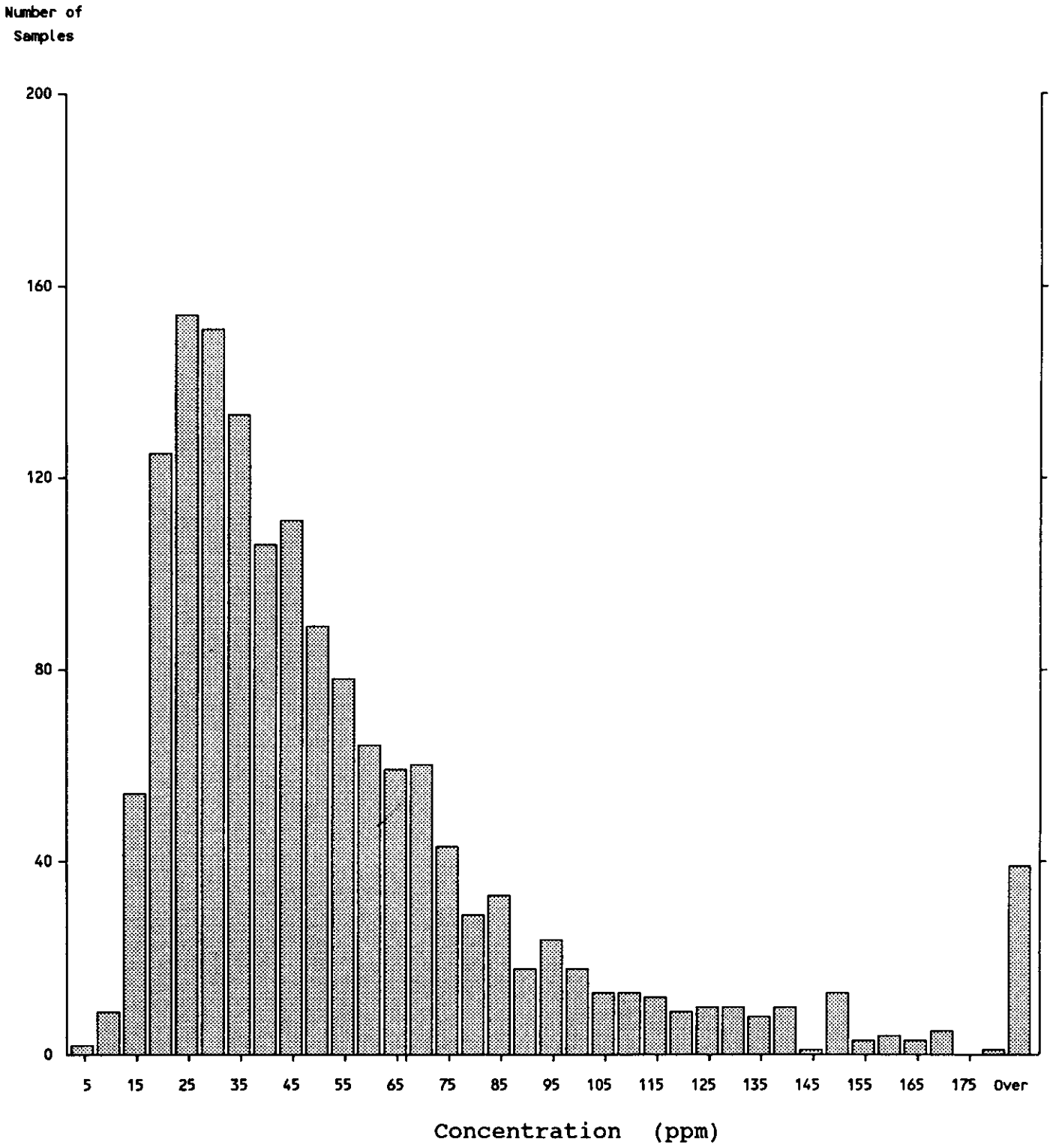
Zn



1514 Samples	Maximum:	9103	Mean: 339
	Minimum:	50	Median: 252
			Standard Deviation: 443

GUINET MANAGEMENT

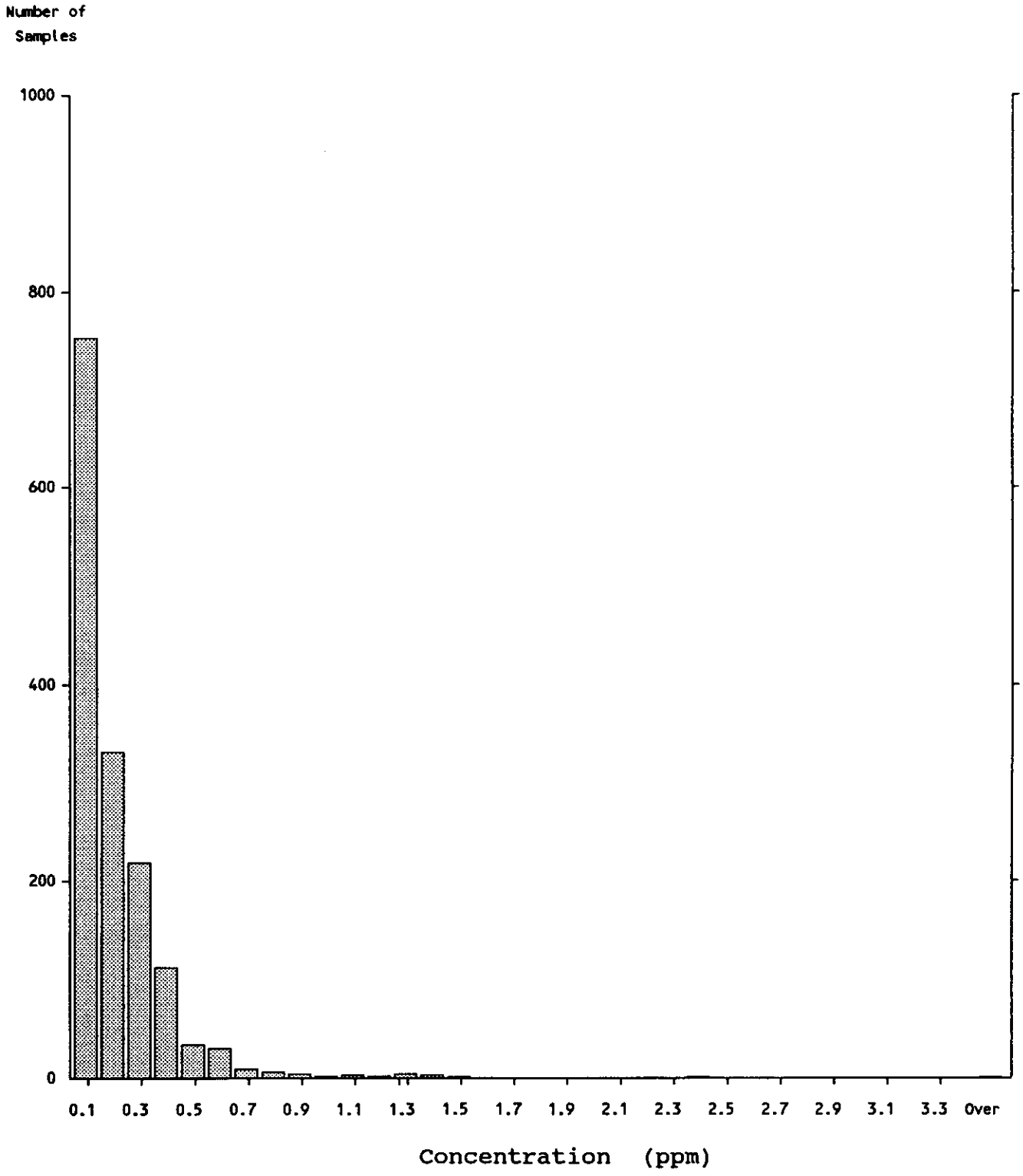
Pb



1514 Samples	Maximum:	1147	Mean: 57
	Minimum:	2	Median: 41
			Standard Deviation: 65

GUINET MANAGEMENT

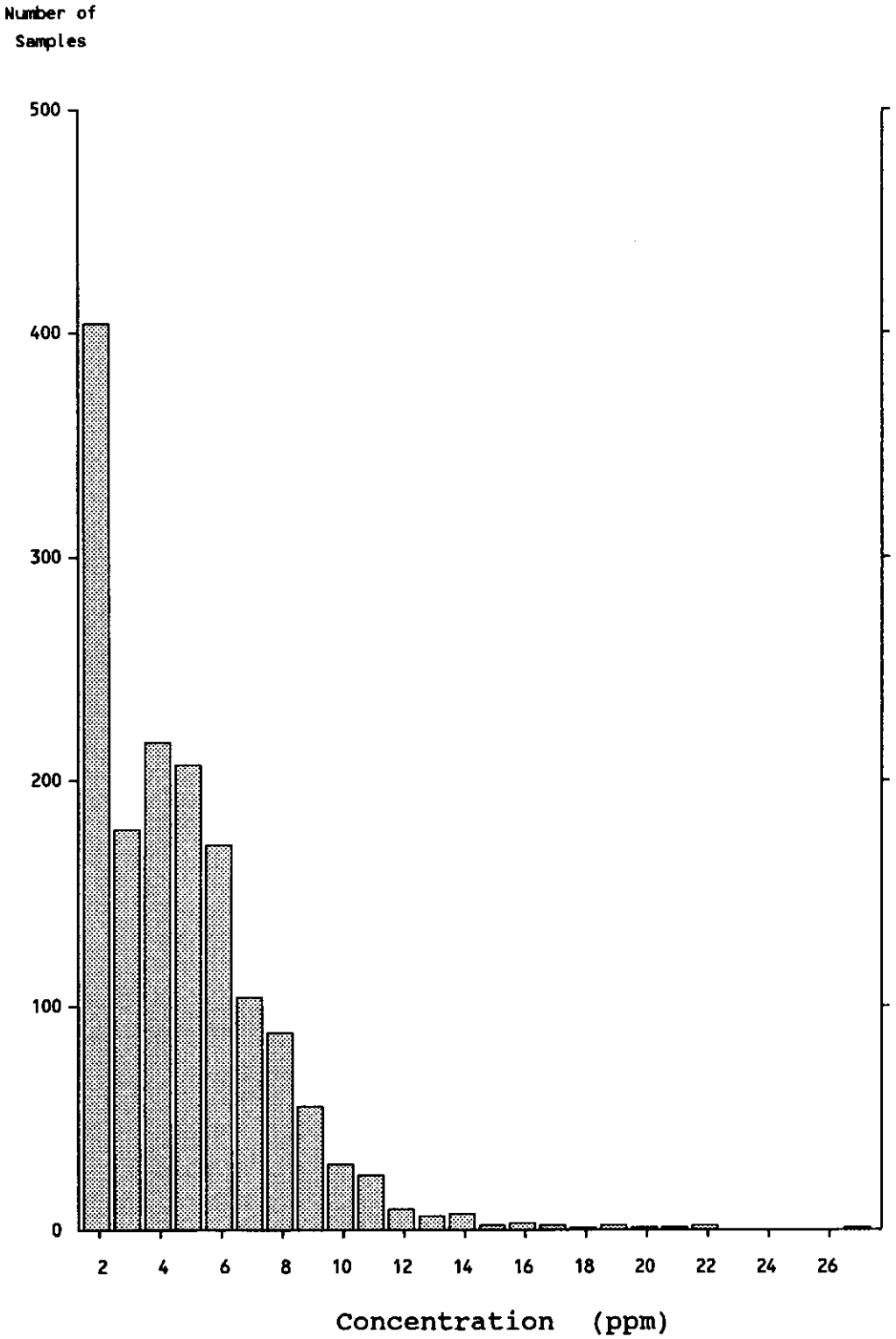
Ag



1514 Samples	Maximum:	7.4	Mean:	0.2
	Minimum:	0.1	Median:	0.2
			Standard Deviation:	0.3

GUINET MANAGEMENT

As



1514 Samples	Maximum:	27	Mean:	5
	Minimum:	2	Median:	4
			Standard Deviation:	3

APPENDIX C

COST STATEMENT

Personnel

P. Newman (Prospector)	51 days @ $250/day	$ 12,750.00
R. Yorston (Geologist)	50 days @ $300/day	15,000.00
V. Guinet (Prospector)	30 days @ $250/day	7,500.00

Disbursements (Cost + GST)

Assay Costs	10,571.48	
Materials & Supplies	1,219.28	
Explosives	113.98	
Fuel	1,078.57	
Accomodation & Meals	1,283.58	
Groceries	1,374.10	
Filing Fees	215.00	
Miscellaneous	271.97	
Sub Total	16,127.96	16,127.96

Reporting

P.Christopher & Associates (Reports & Expenses, Includes GST)	3,420.27
F.Y. Chong (Drafting, Includes GST)	1,186.45

Rentals

4 x 4 Truck	2 months @ $1500/mo	3,000.00
3 man camp	2 months @ $1000/mo	2,000.00
ATV	2 months @ $750/mo	1,500.00
Gas Drill	1 week @ $700/week	700.00
Inflatable Boat	1 week @ $700/week	700.00
	Sub Total	63,884.68
	12% Management Fee	7,666.16
	7% GST on $50,711.28	3,549.79
	Total Cost	**$ 75,100.63**

Peter Christopher & Associates Inc.
GEOLOGICAL & EXPLORATION SERVICES
3707 West 34th Ave., Vancouver, B.C. V6N 2K9

Office/Res: 263-6152

July 30, 1991

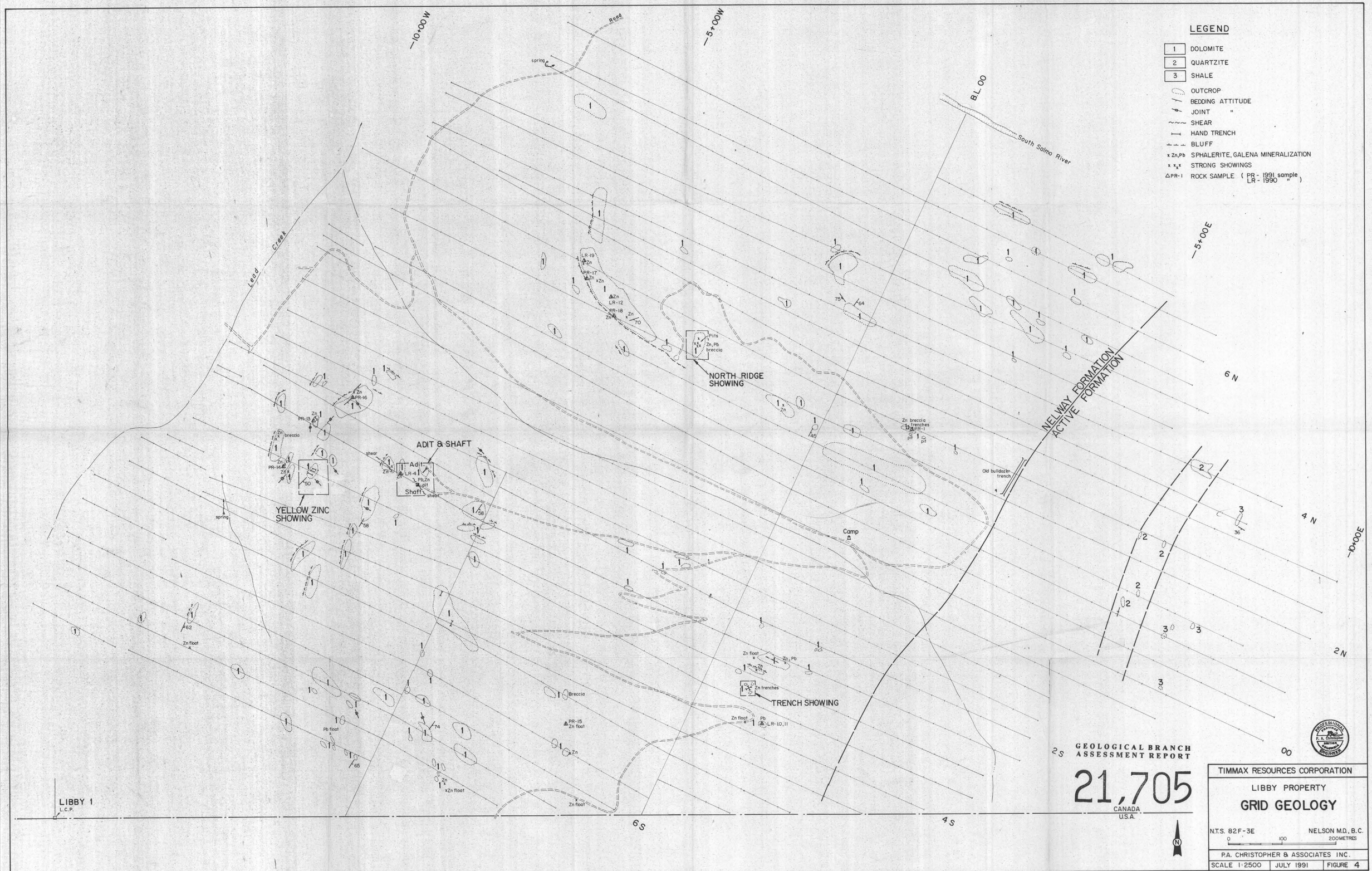
Timmax Resources Corporation
368-1199 West Pender Street
Vancouver, B.C. V6E 2R1

Dear Sirs:

I Peter A. Christopher, Ph.D., P.Eng., hereby consent to the use of my report dated July 30, 1991 on the Libby Property, Nelson Mining Division, British Columbia, in any Filing Statement, Statement of Material Facts, Prospectus, or for assessment filing by Timmax Resources Corporation.

DATED at Vancouver, British Columbia, this 30th day of July, 1991.

Peter A. Christopher, Ph.D., P.Eng.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,705

CANADA
U.S.A.

TIMMAX RESOURCES CORPORATION

LIBBY PROPERTY

GRID GEOLOGY

N.T.S. 82F-3E NELSON M.D., B.C.

0 100 200 METRES

P.A. CHRISTOPHER & ASSOCIATES INC.

SCALE 1:2500	JULY 1991	FIGURE 4

10+00W

5+00W

BL 00

5+00E

10+00E

6 N

4 N

2 N

00

2S

4S

6S

Lead Creek

Reed

South Salmo River

Adit

Shaft

Camp

LIBBY 1
L.C.P.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,705

CANADA
U.S.A.

• OFF GRID LINE, HIGH Zn VALUE SAMPLE - 1990

ZINC CONTOURS AT 500, 1000, 1500, 2000 PPM.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
P.A. Christopher

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SOIL GEOCHEMISTRY ZINC

N.T.S. 82F-3E NELSON M.D., B.C.

0 100 200 METRES

P.A. CHRISTOPHER & ASSOCIATES INC.

SCALE 1:2500 | JULY 1991 | FIGURE 5

CHONG

10+00W

5+00W

BL 00

5+00E

10+00E

Road

Lead Creek

South Salmo

Adit

Shaft

Camp

LIBBY 1
L.C.P.

6S

4S

2S

00

2N

4N

6N

LEAD CONTOURS AT 100, 200 PPM

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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SOIL GEOCHEMISTRY
LEAD

N.T.S. 82F-3E

NELSON M.D., B.C.

0 100 200 METRES

P.A. CHRISTOPHER & ASSOCIATES INC.

SCALE 1:2500 | JULY 1991 | FIGURE 6

CHONG

10+00W

5+00W

B.L. 00

5+00E

10+00E

Road

South Salmo River

Lead Creek

Adit

Shaft

Camp

LIBBY 1
L.C.P.

6N

4N

2N

00

2S

4S

6S

SILVER CONTOUR AT 1.0 PPM

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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CANADA, U.S.A.

PROFESSIONAL ENGINEER
P. A. Christopher
BRITISH COLUMBIA

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SOIL GEOCHEMISTRY SILVER

N.T.S. 82F-3E NELSON M.D., B.C.

0 100 200 METRES

P.A. CHRISTOPHER & ASSOCIATES INC.

SCALE 1:2500 | JULY 1991 | FIGURE 7

CHONG