

ARIS SUMMARY SHEET

District Geologist, Nelson

Off Confidential: 89.06.24

ASSESSMENT REPORT 17549

MINING DIVISION: Greenwood

PROPERTY: Louise  
LOCATION: LAT 49 07 55 LONG 118 51 26  
UTM 11 5443565 364516  
NTS 082E02W  
CLAIM(S): Prince of Wales, Princess Louise, Louise 87  
OPERATOR(S): Pricam Ex.  
AUTHOR(S): Sookochoff, L.  
REPORT YEAR: 1988, 56 Pages  
COMMODITIES  
SEARCHED FOR: Gold, Silver, Copper  
GEOLOGICAL  
SUMMARY:

The claims are underlain by the Permian-Carboniferous Knob Hill Group of greenstone, chert and argillite with lesser limy sediments. Localized outcrops of the Kettle River Formation and scattered outcrops of Tertiary Marron intrusives occur. The major structure is the Wallace Creek fault traversing east through the northern portion of the property. Alteration consisting of jarosite, ankerite, carbonate, silica and pyrite is associated with mineralization at the Prince of Wales shaft.

WORK  
DONE:

Geochemical  
SOIL 996 sample(s) ;ME  
Map(s) - 7; Scale(s) - 1:5000

LOG NO: 0629	RD.
ACTION:	
FILE NO:	

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

ASSESSMENT REPORT  
**17,549**  
on a

1987 GEOCHEMICAL SURVEY  
for  
PRICAM EXPLORATIONS INC.  
on the  
LOUISE CLAIM GROUP

FILMED

Greenwood M.D.      N.T.S. 82E/2W

SUB-RECORDER  
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JUN 24 1988  
M.R. # \_\_\_\_\_ \$ \_\_\_\_\_  
VANCOUVER, B.C.

June 15, 1988  
Vancouver, B.C.

Sookochoff Consultants Inc.  
Laurence Sookochoff, P.Eng.



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ASSESSMENT REPORT  
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INTRODUCTION

Geochemical surveys were carried out on the Louise Claim Group during the 1987 field season. The purpose of this survey was to locate indicators of possible gold mineralization which could subsequently lead to the location of economic mineral zones.

This report relates the procedures, results and conclusions drawn from the survey.

SUMMARY

The Louise property is located in the historically renowned Phoenix Boundary Mining Camp in the Greenwood Mining Division of central southern British Columbia 500 km by road east of Vancouver, B.C. It is readily accessible from Trans-Canada Highway No. 3 and numerous secondary and logging roads.

The Phoenix Boundary Mining Camp has been actively prospected and mined since the late 1800's. The most important and active mining camp was Phoenix, 18 km east of the property, from which production totalled 27 million tons grading an average of 0.85% copper, 0.033 oz/ton gold and 0.2 oz/ton silver.

The property is situated within the Permo-Carboniferous Knob Hill Group (H.W Little 1983) or Attwood Group (B.N. Church 1986), a broad belt consisting of greenstone, metavolcanics, chert and argillite with lesser limey sediments. It is intruded along its northern margins by Juro-Cretaceous intrusives, which are related to the Nelson Intrusions. Small stocks and dykes of these rocks also occur within the Knob Hill Group. A number of small Tertiary stocks and dykes intrude the Juro-Cretaceous granitic stocks and younger sediments. A major Tertiary igneous activity is represented by the Coryell Intrusions.

A strong system of east-west striking faults is present within the Knob Hill Group on the property, indicated by the Wallace Creek Fault transecting the northern section of the property. It is coincident that the known sulphide occurrences on the property and the adjacent area are mostly striking east-west, indicating the respective mineralization to be associated with the Wallace Creek Fault system and subsidiary faults (Figs. 8 and 9).

In the Phoenix Boundary Mining Camp, "significant mineral production has been realized from deposits in the argillite and metavolcanics (greenstone)", which are the common rock types on the property. "This production is mostly from precious metal vein system related to faults and fractures of satellitic plutonic intrusions". The Golden Crown and Winnipeg claims, two km south of the Phoenix Mine, underlain mainly by greenstone, yielded 12,914 ounces of gold, 38,800 ounces of silver and 274,507 pounds of copper.

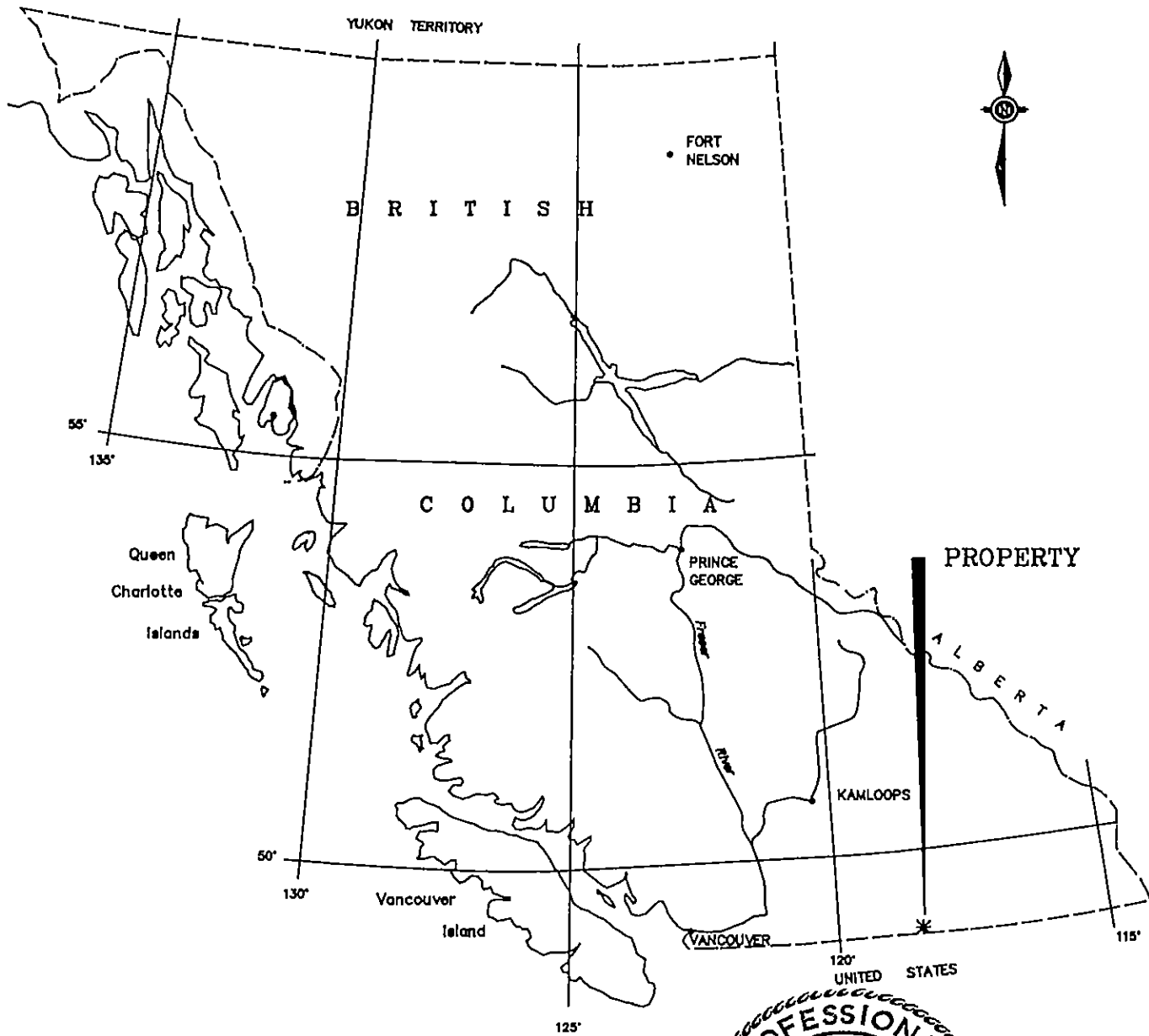
The Copper Queen Camp, five km east of the property, shipped in excess of 3,000 tons of ore-up to 20% Cu-through intermittent operations from 1896 to 1917. The respective copper mineralization is hosted by skarn deposits within the Triassic Brooklyn formation. The regional geology indicates also a deposition of the Brooklyn formation on the southern portion of the property (Fig. 4).

A gold prospect of significant economic interest occurs 550 m to the east in line with an impressive alteration zone with sulphides around the Prince of Wales shaft within the property. The gold prospect was formerly called "Mabel-Jenny showings" (1935) and has been explored by trenching, pitting and a shaft along the strike length of 100 m. An initial discovery of the showings was undertaken prior to 1910 and has been intermittently explored thereafter with a compilation of sampling results reported by Dr. A.P. Fawley, P.Eng. (1973).

The most impressive assay value reported by Gawley is a selected sample with 3.24 oz/ton in gold. Sampling by the authors also resulted in an assay value of 0.36 oz/ton in gold across 0.4 m in true width.

An impressive alteration zone related to the nearby Nelson or Coryell Intrusive is presented by various alteration signs at and surrounding the Prince of Wales Shaft on the property. The alteration signs include jarosite, bleaching, ankerite, carbonization, silicification and pyritization.

The 1987 localized exploration on the northeastern portion of the property resulted in the delineation of a prime multielement soil geochemical zone that indirectly correlates with the Prince of Wales shaft zone.



Scale 1:10,000,000  
 100 0 100 200 300 400 Km



SOOKOCHOFF CONSULTANTS INC.		
PRICAM EXPLORATIONS INC.		
LOUISE CLAIM GROUP GREENWOOD M.D.		
<b>LOCATION MAP</b>		
DATE: JAN.'88	N.T.S.: 82E/2W	FIGURE: 1
SCALE:	DRAWN BY GEO-COMP	



The easterly trending zone occurs within potentially the same structure as the Wales mineralized zones east of the property.

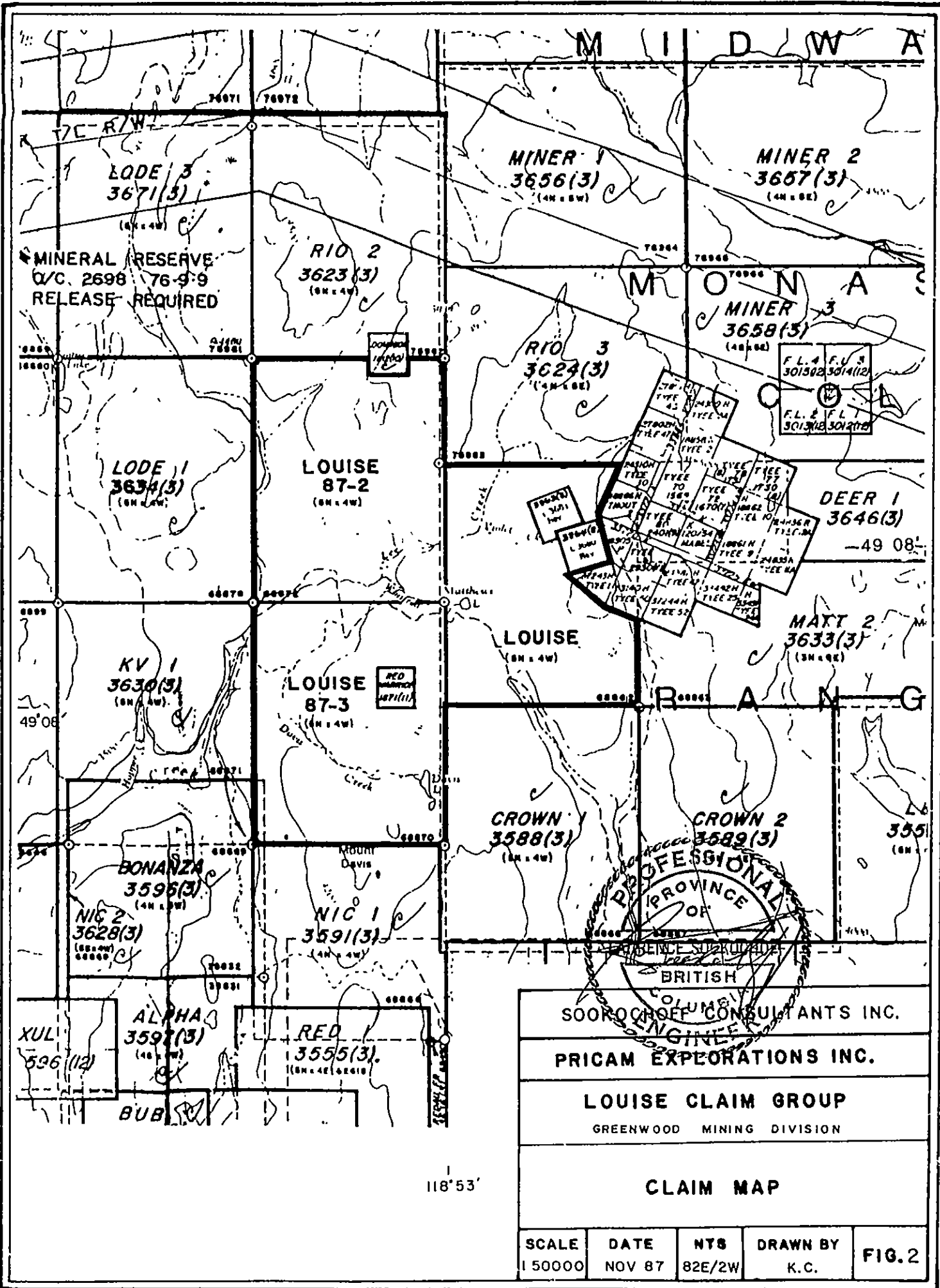
The shaft zone is also indicated to occur at the intersection with a major northeasterly trending structure expressed by a series of magnetometer HI's.

PROPERTY

The property consists of a contiguous located claim block of three 20 unit claims and two reverted crown grants. Particulars are as follows:

<u>Claim</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
Louise 87	20	<del>4918</del>	June 24, 1991
Louise 87-2	20	5017	September 8, 1991
Louise 87-3	20	5008	August 31, 1991
	<u>Lot No.</u>		
Prin. Louise	3680	470 <del>5</del>	August 7, 1991
Prin. of Wales	3681	470 <del>5</del>	August 7, 1991

Due to the overlapping of claims on the eastern portion of the claim group the property area is approximately 1400 hectares.



SOOROCHEFF CONSULTANTS INC. PROFESSIONAL ENGINEER OF THE PROVINCE OF BRITISH COLUMBIA				
PRICAM EXPLORATIONS INC.				
LOUISE CLAIM GROUP				
GREENWOOD MINING DIVISION				
<b>CLAIM MAP</b>				
SCALE	DATE	NTS	DRAWN BY	FIG.2
1:50000	NOV 87	82E/2W	K.C.	

118°53'

The legal corner post of Louise 87 is located 1,500 meters southeast (Azimuth 170 deg.) of the southeast corner of Reverted Crown grant Louise claim post L3680. The claim posts and claim lines that were checked were determined to be located in accordance with prevailing regulations. Any legal aspects of the claims are beyond the scope of this report.

#### LOCATION AND ACCESS

The property is located 13 km at 287 degrees from Greenwood, B.C. or 11.5 km at 52 degrees from Rock Creek, B.C. The two communities are on the southern trans-provincial Highway No. 3 some 475 km east of Vancouver and within 10 km of the Canada-U.S. border.

Access is provided by numerous old and new logging roads, bush roads, bulldozer trails and the Nicholson Creek secondary road. The following route would provide access to the central and eastern portion of the property.

- Highway No. 3 from Midway, B.C. west for eight km
- Turn off northward, taking Ingram Mountain Road for 6.3 km
- Turn off to the northeast, following Copper Mountain Lookout Road for five to six km
- Turn off northwestward, taking bush road for 1.6 km

A four wheel drive vehicle is needed for the last 7.2 km in winter, but in the dry summer season, most of the distance can be travelled by normal motor transportation.

PHYSIOGRAPHY, CLIMATE, WATER AND POWER

The property is situated in a gently rolling wooded terrain within the Midway range of the Monashee Mountains, a part of the Columbia Mountains. The topographic relief is about 280 m from the lowest point at the confluence of Lee Creek and Davis Creek on the west (1097 m A.S.L). The central portion of the property is comprised of an upland plateau containing Matthew Lake and numerous swamp areas. The elevation in the plateau area ranges from 1220 m to 1280 m above sea level. The property covers the headwaters of the southerly flowing Nicholson Creek and its tributaries.

The climate in the area is influenced by British Columbia Interior Dry Belt with low summer precipitation and moderate winter snowfalls. Annual precipitation is approximately 45 cm. The regional temperature ranges from -15 degrees to +40 degrees C. The fresh snow in the area occurs by mid-November and is snow free by the end of April.

Sufficient water for all phases of exploration, mining and development could be available from numerous water sources (swamps, lake and creeks) on the property.

Local hydropower and gas pipelines are located six km to the south of the property.

### TRANSPORTATION AND SUPPLIES

A Canadian Pacific Railway line passes through Rock Creek, Midway and Greenwood. Kelowna, 90 km northwest of, and Castlegar, 120 km east of Greenwood, are serviced daily by commercial jet airlines. Most exploration and industrial supplies are available at Grand Forks and Osoyoos, which are 36 km east and 50 km west from Greenwood, respectively. I.M.E. in Grand Forks is one of the largest industrial machine shops in the Interior of B.C.

### HISTORY

The history of the area dates back to 1891 when pioneering prospectors in the Boundary District discovered important copper deposits including the Deadwood, Motherlode and Phoenix camps, all of which are within six kilometers of Greenwood, B.C. The most active mining camp was Phoenix, which produced 27 million tons of ore from 1900 to 1919 and subsequently from 1919 to 1978, yielding 30 million grams of gold, 92 million grams of silver and 250,050 tons of copper.

The Copper Queen camp, five km east of the property, was discovered in 1894 and its production was intermittent from 1896 to 1917. In excess of 3,000 tons of ore to 20% copper were shipped from the King Solomon and Big Copper mines of the Copper Queen Camp (B.C. Annual Report of Mines, 1901 - 1917). Geophysical and diamond drilling programs on the Copper Queen Camp were intermittently carried out by major companies including Noranda, McIntyre, Porcupine and Rioconaex from 1955 to 1983.

On the Wales Claim Group adjacent to the east of the property (formerly Mabel, Jenny and Tyee Claims), trenching, pitting and some underground work was carried out prior to 1910. The property was intermittently explored thereafter with a compilation of sampling results reported by Dr. Allan P. Fawley, P.Eng. in 1973.

Sample results of selected vein materials attaining up to 3.24 ounces of gold, 8.4 ounces silver and 16.97% copper are reported (Fawley 1973).

An 1898 Report of Minister of Mines describes the original discovery of "small veins of rich ore" in the Prince of Wales Claim (Pricam property). Development work on the Prince of Wales consisted of a vertical shaft, approximately 30 feet deep and numerous open-cuts within a radius of 150 feet of the shaft. A 1907 Minister of Mines report (Page C 251) states that samples taken from the Wales shaft-dump and open-cuts only assayed a trace of gold and silver and no copper, whilst the showings consist of massive pieces of pyrite and arsenopyrite with the appearance of "small veins of rich ore" quoted from the 1935 report of Minister of Mines.

"About half a mile west of the West Copper Cabin some development work has been done on a quartz vein impregnated with pyrite, varying from two to 12 inches in width. A picked sample of this ore assayed 2.02 oz in gold to the ton" (1907 Minister of Mines Report C 251). The location of this sample has not been verified in the field.

## GEOLOGY

### Regional Setting

A 1983 GSC map, 1500A, Greenwood (82E/2) by H.W. Little at a scale of 1:50,000 shows the general geology of the property area. The regional geology consists of twenty-two map units including metamorphic, sedimentary, intrusive and extrusive igneous rocks ranging in age from pre-Carboniferous to Tertiary that "reflect multiple episodes of deformation and igneous intrusions". The Louise Claim Group occupied a portion in the central western sector of this regional geologic map.

The basement rocks of the Greenwood region consist of pre-Carboniferous Knob Hill and Attwood group rocks. The Knob Hill Group consists mainly of chert, greenstone, amphibolite and minor limestone. The Attwood Group consists of limestone with thin chert interbeds. Little places the Attwood formation below the Knob Hill. Little's Attwood Group consists primarily of sedimentary rocks, whereas Church's Attwood is comprised of metavolcanics (chiefly greenstone) and classic sediments. The system used in the present report is based on H.W. Little's map units (1983).

The Knob Hill rocks were metamorphosed, uplifted and eroded and are unconformably overlain with the Brooklyn formation of Triassic rocks. The Brooklyn and its basal unit, named Rawhide Formation, are comprised of sharpstone conglomerate, carbonates, shales and cherts. The Knob Hill and Brooklyn rocks are intruded by Greenwood granodiorite related to the Cretaceous Nelson Intrusions. Subsequent to the Nelson Intrusions, the Greenwood region was extensively covered by Tertiary flows, and intruded by the Valhalla Intrusives,

quartz feldspar porphyry intrusives, Marron Intrusives and Coryell Intrusives. The Valhalla Intrusives consist of granite and quartz monzonite. The Coryell Intrusives consist of syenite, quartz monzonite, minor granite and pulaskite.

The regional tectonics consist of a series of normal faulting and low to high angle reverse faulting. In general, the western half of the Greenwood map area is characterized by north and northeast trending normal faults (Little 1983), whereas the eastern part is dominated by northwest trending block faults (Church 1986).

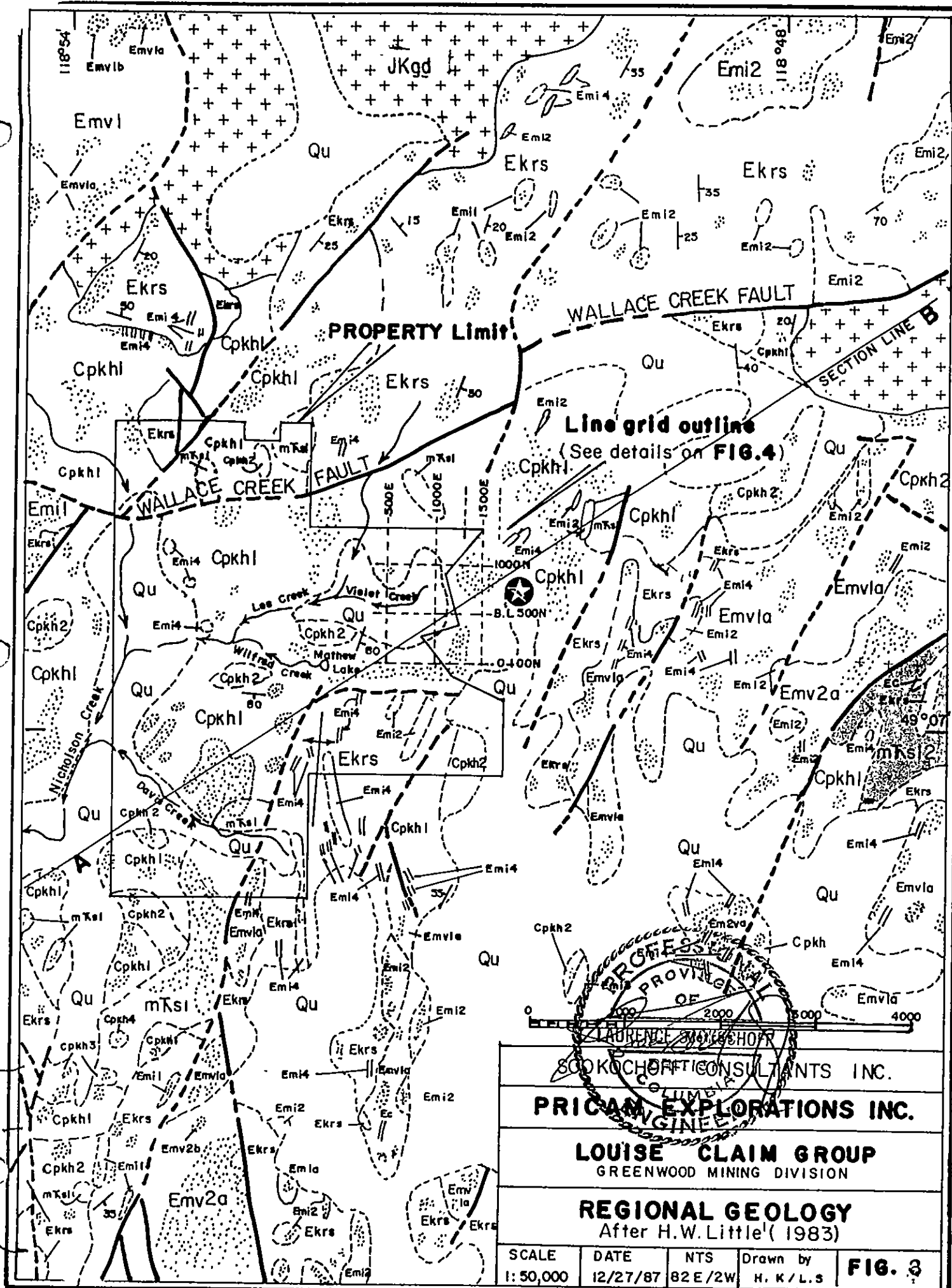
Mineral deposits in the Greenwood region vary, ranging from contact metasomatic skarn deposits with base metal occurrences to fissure-controlled quartz veining and sulphide deposits carrying precious metal values.

Other mineral occurrences of note that have received attention are the Tam O' Shanter epithermal mineralization associated with Tertiary faults and copper-gold mineralization hosted by listwanite-Serpentine.

#### Property Geology

The property is predominantly underlain by the Knob Hill Group of rocks consisting mainly of chert (map unit 'Cpkh1') and greenstone (Cpkh 2). Near the north and south edge of the property, the Knob Hill is locally overlain by the Brooklyn Group comprised mainly of sharpstone conglomerate with cherty clasts (map unit 'mis) and Eocene Kettle River formation consisting of arkosic, feldspathic and lithic tuffaceous sediments (map unit 'Ekrs'). All the above volcanic and sedimentary sequences from the Permo-Carboniferous to Tertiary period within the property





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**PRICAM EXPLORATIONS INC.**  
 ENGINEERS  
**LOUISE CLAIM GROUP**  
 GREENWOOD MINING DIVISION  
**REGIONAL GEOLOGY**  
 After H.W. Little<sup>1</sup> (1983)

SCALE	DATE	NTS	Drawn by	<b>FIG. 3</b>
1:50,000	12/27/87	B2 E/2W	H. K./L.S	

# LEGEND After H. W. Little (1983)

## QUATERNARY

**Qu** *Unconsolidated sediments; till, sand, gravel and silt*

## TERTIARY EOCENE

**Ec** *CORYELL INTRUSIONS: syenite, quartz monzonite; minor granite and pulaskite*

**Emi** *MARRON FORMATION: INTRUSIVE ROCKS; Emi4, undivided dykes, largely intrusive equivalents of divisions Emv1, 2 and 3 but some of unknown affinity; Emi3, diorite and diorite porphyry (equivalent to lavas of division Emv1); Emi2, syenite and diorite (equivalent to lavas of division Emv2); Emi1, alkaline syenite, largely rhomb-porphyry (equivalent to lavas of division Emv1)*

**Emv** *LAYERED ROCKS (largely extrusive)  
Division Emv3: Emv3a, andesite; Emv3b, tuff  
Division Emv2: Emv2a, andesite and trachyandesite; Emv2b, tuff  
Division Emv1: Emv1a, sodic trachyte in part undersaturated and minor phonolite; Emv1b related rocks characterized by flow breccias and intercalated pyroclastics; Emv1c, related (?) trachyte*

**Ekrs** *KETTLE RIVER FORMATION: feldspathic and lithic tuffaceous sandstone and siltstone; shale and conglomerate; minor acidic and intermediate pyroclastic and flow rocks*

## JURASSIC AND/OR CRETACEOUS


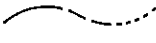
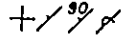
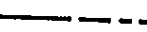
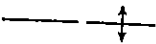
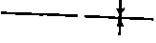

**+ JKgd** *NELSON INTRUSIONS: granodiorite; minor quartz diorite and diorite*

## MIDDLE AND LOWER TRIASSIC

**mTs** *mTs1, sharpstone conglomerate with mainly chert clasts; local chert sandstone, and minor black argillite; mTs2, mainly buff chert sandstone with beds of sharpstone conglomerate and chert grit; mTs3, green argillite; mTs4, black argillite; mTs5, limestone conglomerate mTs2, Skarn*

## CARBONIFEROUS OR PERMIAN

**Cpkh** *KNOB HILL GROUP, massive chert, greenstone, and amphibolite; minor limestone or marble; locally tan or black argillite, fine-grained quartzite, conglomerate; CPkh1, mainly chert; CPkh2, mainly greenstone; CPkh3, mainly amphibolite; CPkh4, limestone or marble; CPkh5, quartzite; CPkh6, tan to green shale and metasilstone*

- Rock outcrop, area of outcrop* ..... 
- Geological boundary (defined, approximate, assumed)* ..... 
- Bedding; tops known (horizontal, inclined, vertical, overturned)* ..... 
- Fault (defined, approximate, assumed)* ..... 
- Axial trace of anticline (approximate)* ..... 
- Axial trace of syncline (approximate)* ..... 
- SHOWING, gold mineralization** ..... 

have been intruded by plutonic rocks in two ages; Juro-Cretaceous Nelson Intrusives (Greenwood granodiorite, map unit 'Jkgd') and Tertiary Coryell Intrusives (map unit 'Ec').

Within the property numerous Tertiary dykes and sills of syenite and diorite composition intrude the Knob Hill Group and younger formation. These Tertiary Intrusives may be related to Marron Formation (map units 'Emi' 1-4) or Coryell Intrusions (map unit 'Ec'). The Nelson granodiorite intrusives (Jkgd') occur extensively outside the property to the northeast. Also, several granodiorite and diorite dykes seen in the line grid area are too small to be shown on a regional scale, but would be undoubtedly associated with the underlying larger stocks of the same intrusives.

The major east-west trending Wallace Creek fault passes through the northern sector of the claims. whilst only two northeast trending block faults are shown on Fig. 4, multiple parallel sets of NE trending faulting may be concealed in the area of no exposure (map unit 'Qu'). coeval with or subsequent to faulting, possible syngenetic shearing (fissure) may have developed in predominantly northeast shears. "These may have provided conduits for mineralizing hydrothermal solutions and igneous intrusions." In this respect, Church (1986) gives the following note for the regional mineralization in relation to faulting and igneous intrusions:

"It is conceivable that the intricate and extensive fissure system of the Mt. Attwood-Phoenix area, of which lithologic and tectonic conditions are fairly similar to those of the property, provided the necessary channelways leading metalliferous solutions to the ore deposits. In this model the igneous intrusions served principally as heat engines in the process of convection and dispersion of the mineralizing solutions."

#### MINERAL OCCURRENCES AND ALTERATION

A handicap to geological investigation in the property is the widespread glacial till, densely forested bush, windfalls and swamps covering approximately 70% of the property area. The bedrock exposure is confined to the area north of the Wallace Creek Fault and a portion near the southern boundary of the property. Lode mineralization known to date on the property occurs as fissure fillings and replacement sulphide veins hosted by fractured and altered argillite, greenstone and chert in order of abundance. The host rocks in the vicinity of the old prospect shaft (Prince of Wales) and the current trenches are argillized, silicified, pyritized and carbonatized. Alteration in the Prince of Wales shaft also includes jarosite, bleaching, hematolimonite and ankerite.

## GEOCHEMICAL SURVEY

### Survey Procedure

Recce geochemical surveys were performed over the northeastern portion of the property area in a north-south, east-west grid. Samples were taken at 50 m intervals with a line spacing of 100 m. Samples were taken from the top of the B-horizon at an average depth of 20 cm. The soil was placed in brown wet-strength paper bags with the grid coordinates marked on them. The station was marked by flagging with the designated coordinates thereon. A total of 996 samples were picked up.

### Testing Procedure

All samples were tested by Acme Analytical Laboratories of Vancouver, B.C. The samples are thoroughly dried and 0.50 g. of material is digested with 3 ml. of 3:1:2 HCL-HNO<sub>3</sub>-H<sub>2</sub>O at 95 degrees C for one hour. The sample is then diluted to 10 ml. with H<sub>2</sub>O. Next the sample is analyzed by atomic absorption for six metals - copper, zinc, lead, silver, gold and arsenic.

### Treatment of Data

In assessing the data, the background, sub-anomalous and anomalous values were determined utilizing a statistical software program on an I.B.M personal computer.

The sub-anomalous threshold value, which is a value not considered anomalous but an indicator of potential mineralization, is taken as one standard deviation from the mean background level. The anomalous values, or the prime indicator values, are taken as two standard deviations from the mean background level.

The results of the data treatment for five selected elements were as follows:

	Au	Cu	Zn	As	Pb	Ag
Background	1.0	26	95	12	9	0.15
Sub-Anomalous	1.2	40	153	28	14	0.22
Anomalous	1.4	54	211	44	19	0.29

All values are in parts per million except gold which is in parts per billion.

### RESULTS

The geochemical surveys targeted a prime area of intermittent correlative geochemical anomalies over a 400 meter strike length and associated with the Prince of Wales workings. The main anomaly at 12+00E and 7+50 is of correlative, anomalous lead-zinc-arsenic values. This anomaly appears to coincident with the main structure of the Prince of Wales working.

Other areas of localized multielement anomalies occur within the survey area with the more significant at the northeast and northwest within an area adjacent to and east of the property.

CONCLUSIONS

It is concluded that the pyrite-pyrrhotite-arsenopyrite mineralization on the Prince of Wales shaft is a western extension of the gold prospect (former Mabel-Jenny showings) where the assay results of 0.36 - 3.62 ounces per ton in gold, were obtained from the current and previous sampling.

This area should be explored in detail to select prime localized target areas for diamond drilling.

On a regional geology basis, the property overlies the Knob Hill Group rocks where they have been faulted, surrounded or apparently intruded at depth by granodiorite and diorite. The geology is in a favorable environment, especially near the contact zones at depth, for the formation of base metal or precious metal skarn mineralization.

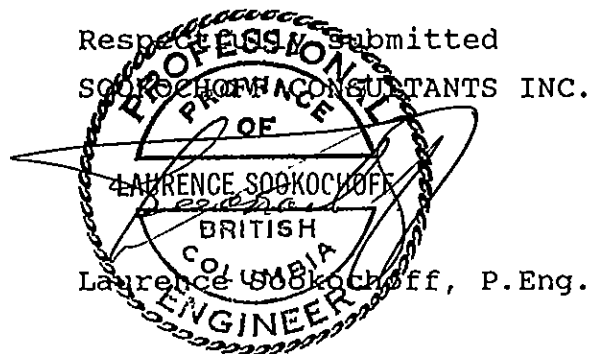
The 1987 exploration was confined to a limited line-grid area on the northeast, covering only one-tenth of the total claim area. The remainder of the unexamined property should be geologized on a reconnaissance basis to locate potential zones of mineralization similar to the Wales zone. The geology is also conducive for potential volcanogenic mineralization related to the argillite-diorite (extrusive?) units.

It is postulated and concluded that all the forgoing findings are the surface expressions of epithermal vein systems within a favourable geological environment similar to the area of past production from polymetallic sulphide and precious metal deposits in the Greenwood Mining Division. The property warrants an additional exploration program of geological mapping, geophysical (I.P) and geochemical survey to test the known vein system and to search for other economically viable vein systems. Dependent upon the results of the above program, test drilling should be initiated.

RECOMMENDATIONS

It is recommended that a two stage work program be implemented. The program would consist of detailed geological mapping, detailed geochemical surveys, I.P. and follow up diamond drilling.

Respectfully submitted  
Sookchoff Consultants Inc.



Vancouver, B.C.  
June 15, 1988



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SOOKOCHOFF, L. & H. KIM - 1987 Report on the Geological, Geophysical and Geochemical Exploration on the Set Claims for Ossa Resources Ltd.

CERTIFICATE

I, Laurence Sookochoff, of the City of Vancouver, in the Province of British Columbia, do hereby certify:

That I am a Consulting Geologist and principal of Sookochoff Consultants Inc. with offices at 609-837 West Hastings St, Vancouver, B.C., V6C 1B6.

I further certify that:

1. I am a graduate of the University of British Columbia (1966) and hold a B.Sc. degree in Geology
2. I have been practising my profession for the past twenty-two years.
3. I am registered and in good standing with the Association of Professional Engineers of British Columbia.
4. The information for this report was obtained from sources as cited under Selected References and from the supervision of the exploration surveys reported on herein.
5. I have no direct, indirect or contingent interest in the property described herein or in the securities of Pricam Explorations Inc. nor do I expect to receive any.



Laurence Sookochoff, P.Eng.  
Consulting Geologist.

Vancouver, B.C.  
June 15, 1988

PRICAM EXPLORATIONS INC.

Louise Claim Group  
Geochemical Survey  
Statement of Costs

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The field exploration and associated work to the geochemical survey on the Louise claim group, Greenwood Mining Division was performed during the period of September 15, 1987 to November 10, 1987 to the value of the following:

Contract - Kettle River Management		\$10,250.00
Assay: Acme Analytical 996 samples @ \$6.75		6,723.00
Draughting: Geo-Comp		2,325.00
Engineering and Supervision:		
L. Sookochoff, P.Eng.	\$2,400.00	
Associated costs of travel etc.	<u>1,150.00</u>	3,550.00
Report and associated costs		<u>2,500.00</u>
		\$25,348.00
		=====

APPENDIX I  
ASSAY CERTIFICATES

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH JML 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 AN FE CA P LA CR MG BA TI B V AND LIMITED FOR NA K AND AL. AN-DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: SOIL

DATE RECEIVED: NOV 3 1987 DATE REPORT MAILED: NOV 17 1987 ASSAYER: *[Signature]* DEAN TOYE, CERTIFIED B.C. ASSAYER

SOOKOCHOFF PROJECT ~~PRIVILEGE~~ File # 82-5529 Page 1

SAMPLE	NO	CU	PP	ZK	AS	NI	CO	NR	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	
5+00E 14+00N	1	10	5	49	.1	4	4	510	1.29	2	5	ND	2	39	1	2	2	25	.17	.079	7	.15	144	.06	2	.98	.03	.07	1	
5+00E 13+50N	1	14	5	42	.1	8	4	181	1.92	2	5	ND	6	43	1	2	2	41	.18	.079	16	.15	19	.07	3	1.44	.02	.06	1	
5+00E 13+00N	1	15	5	47	.1	8	4	182	1.72	3	5	ND	5	43	1	2	2	34	.17	.081	14	.14	17	.08	2	1.33	.02	.06	1	
5+00E 12+50N	1	12	10	67	.1	8	4	467	1.58	5	5	ND	4	30	1	2	2	30	.12	.155	7	.12	15	.07	3	1.49	.03	.06	1	
5+00E 12+00N	1	14	6	89	.1	13	4	636	1.62	3	5	ND	3	35	1	2	2	28	.15	.181	8	.14	20	.07	4	1.66	.02	.07	1	
5+00E 11+50N	1	15	3	75	.1	12	4	440	1.49	3	5	ND	4	36	1	2	2	30	.18	.111	13	.14	22	.09	4	1.70	.03	.08	1	
5+00E 11+00N	1	16	5	76	.3	12	5	412	1.73	2	5	ND	4	39	1	2	2	31	.23	.115	15	.15	22	.08	4	1.81	.03	.08	1	
5+00E 10+50N	1	16	2	71	.1	12	5	314	1.90	8	5	ND	5	41	1	3	2	36	.23	.103	14	.17	25	.08	4	1.75	.03	.10	1	
5+00E 10+00N	1	18	6	97	.1	14	4	485	1.98	4	5	ND	5	34	1	2	2	38	.20	.065	17	.17	27	.07	3	1.56	.02	.10	1	
5+00E 9+50N	1	14	6	49	.1	9	5	433	1.77	16	5	ND	4	43	1	2	2	36	.21	.050	14	.15	23	.07	3	1.15	.02	.10	1	
5+00E 9+00N	1	14	5	61	.1	11	5	413	1.77	3	5	ND	3	54	1	2	2	34	.23	.082	15	.15	21	.07	4	1.46	.02	.09	1	
5+00E 8+50N	1	18	4	48	.1	10	5	258	1.80	2	5	ND	5	40	1	2	2	35	.20	.079	17	.15	22	.08	3	1.49	.02	.07	1	
5+00E 8+00N	1	14	5	46	.1	11	5	217	1.90	3	5	ND	6	53	1	2	2	39	.20	.079	16	.17	23	.07	3	1.28	.02	.06	1	
5+00E 7+50N	1	15	4	55	.2	11	4	375	1.66	5	5	ND	5	33	1	2	2	31	.18	.114	11	.15	18	.07	3	1.48	.03	.07	1	
5+00E 7+00N	1	17	9	71	.1	11	5	518	1.80	3	5	ND	4	25	1	2	2	33	.13	.158	11	.15	19	.08	2	1.68	.03	.06	1	
5+00E 6+50N	1	13	4	44	.1	9	4	204	1.70	5	5	ND	3	38	1	2	2	31	.21	.072	11	.13	18	.07	3	1.46	.02	.07	1	
5+00E 6+00N	1	14	6	36	.1	10	4	205	1.73	4	5	ND	4	26	1	2	2	35	.16	.059	9	.13	18	.08	5	1.56	.03	.06	2	
5+00E 5+50N	1	18	5	57	.3	10	4	263	1.83	5	5	ND	4	22	1	2	2	36	.15	.092	13	.14	18	.09	4	1.78	.03	.07	1	
5+00E 5+00N	1	17	6	38	.2	9	5	189	1.73	3	5	ND	6	29	1	2	2	34	.16	.084	16	.14	19	.07	2	1.71	.02	.05	1	
5+00E 4+50N	1	17	2	54	.2	9	4	272	1.78	4	5	ND	5	26	1	2	2	35	.17	.088	16	.14	19	.08	7	1.71	.03	.07	1	
5+00E 4+00N	1	20	5	63	.2	10	4	288	1.71	5	5	ND	5	23	1	2	2	30	.15	.115	15	.13	18	.09	2	2.25	.03	.07	1	
5+00E 3+50N	1	20	9	77	.3	12	5	263	1.84	5	5	ND	6	23	1	2	2	32	.13	.066	14	.16	24	.09	4	2.14	.03	.08	1	
5+00E 3+00N	1	18	3	62	.2	9	4	287	1.73	3	5	ND	4	24	1	2	2	31	.14	.094	12	.15	20	.08	4	1.75	.03	.06	1	
5+00E 2+50N	1	27	8	22	.4	11	5	194	1.91	2	5	ND	5	70	1	2	2	31	.38	.011	27	.18	20	.08	4	2.06	.04	.06	1	
5+00E 2+00N	1	14	7	26	.2	10	5	391	2.16	5	5	ND	6	58	1	2	2	42	.37	.019	30	.22	25	.08	5	1.07	.03	.08	1	
5+00E 1+50N	1	17	4	66	.1	13	5	348	1.64	4	5	ND	4	26	1	2	2	29	.19	.086	10	.15	20	.09	5	1.88	.03	.07	1	
5+00E 1+00N	1	21	3	98	.2	17	5	273	2.27	6	5	ND	4	35	1	2	2	47	.18	.080	11	.20	28	.08	2	1.61	.02	.08	1	
5+00E 0+50N	1	17	2	80	.2	12	5	405	1.99	7	5	ND	3	30	1	2	2	42	.24	.110	12	.17	20	.07	4	1.40	.02	.06	1	
5+00E 0+00N	1	24	8	136	.1	12	5	654	1.94	7	5	ND	4	33	1	2	2	33	.26	.155	21	.19	26	.07	5	1.51	.02	.10	1	
5+00E 15+00N	1	14	4	61	.1	8	5	724	1.58	2	5	ND	2	47	1	2	2	30	.25	.090	9	.14	20	.06	3	1.13	.02	.08	1	
5+00E 14+50N	1	13	4	49	.1	6	4	448	1.48	2	5	ND	4	45	1	2	2	30	.15	.090	10	.10	15	.05	4	1.05	.02	.07	2	
5+00E 14+00N	1	13	10	66	.2	9	4	423	1.71	2	5	ND	5	28	1	2	2	33	.15	.125	9	.13	15	.07	2	1.50	.02	.07	1	
5+00E 13+50N	1	16	6	58	.2	10	5	326	1.92	4	5	ND	6	34	1	2	2	36	.15	.115	13	.14	21	.09	3	2.22	.03	.07	1	
5+00E 13+00N	1	14	9	68	.3	9	4	493	1.94	4	5	ND	5	36	1	2	2	37	.13	.181	11	.14	19	.08	3	1.77	.03	.07	1	
5+00E 12+50N	1	14	7	45	.1	7	3	220	1.51	2	5	ND	4	39	1	2	2	28	.15	.073	10	.11	17	.110	.07	3	1.49	.03	.06	2
5+00E 12+00N	1	14	4	56	.2	8	3	372	1.51	3	5	ND	3	30	1	2	2	29	.15	.129	12	.11	15	.127	.07	4	1.54	.03	.07	2
STD C	19	61	39	132	7.5	48	29	1111	4.14	41	18	8	40	52	18	17	20	57	.46	.084	39	60	.86	170	.07	36	1.91	.06	.14	13

SAMPLET

SAMPLET	NO PPM	CU PPM	PB PPM	ZN PPM	AE PPM	NI PPM	CO PPM	MX PPM	FE PPM	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA PPM	P PPM	LA PPM	CR PPM	ME PPM	BA PPM	TI PPM	B PPM	AL PPM	MA PPM	K PPM	W PPM
5+50E 11+50N	1	15	5	68	.1	10	4	318	1.71	2	5	ND	3	39	1	2	2	31	.23	.119	12	11	.20	150	.09	2	2.14	.03	.07	1
5+50E 11+50N	1	17	12	73	.1	11	5	335	1.77	2	5	ND	2	50	1	2	2	34	.30	.088	15	13	.22	159	.09	4	2.05	.03	.07	1
5+50E 10+50N	1	16	2	65	.1	10	4	586	1.54	2	5	ND	1	38	1	2	2	32	.25	.101	13	11	.21	191	.07	5	1.43	.03	.09	1
5+50E 10+50N	3	41	11	395	.3	16	15	2440	2.86	19	5	ND	2	38	6	2	2	43	.28	.219	11	15	.38	259	.08	6	2.53	.03	.07	1
5+50E 9+50N	1	22	4	92	.1	14	5	382	1.98	24	5	ND	4	44	1	2	2	37	.22	.100	16	15	.27	193	.08	3	1.88	.03	.09	1
5+50E 9+50N	1	18	10	86	.1	14	5	523	1.80	4	5	ND	3	50	1	2	2	33	.23	.123	15	15	.25	221	.08	2	1.92	.03	.09	1
5+50E 8+50N	1	18	7	73	.1	11	5	409	1.74	5	5	ND	3	36	1	2	2	36	.22	.090	14	14	.23	180	.08	5	1.67	.03	.07	1
5+50E 8+50N	1	23	7	61	.2	12	5	217	1.87	6	5	ND	5	39	1	2	2	35	.22	.124	20	14	.22	128	.09	3	2.21	.03	.07	1
5+50E 7+50N	1	19	9	61	.1	12	5	304	1.97	4	5	ND	5	35	1	2	2	41	.20	.090	14	15	.23	136	.09	5	1.78	.03	.07	1
5+50E 7+50N	1	18	7	83	.1	12	5	397	1.85	5	5	ND	5	32	1	2	2	38	.20	.086	13	15	.23	143	.09	3	1.76	.03	.06	1
5+50E 4+50N	1	15	5	47	.1	11	4	401	1.50	4	5	ND	3	28	1	2	2	30	.21	.068	11	12	.18	120	.08	6	1.34	.03	.05	1
5+50E 4+50N	1	18	5	19	.3	5	3	249	1.25	2	5	ND	3	47	1	2	2	22	.74	.010	13	9	.16	95	.04	4	1.10	.04	.08	2
5+50E 5+50N	1	16	5	48	.1	10	4	248	1.95	4	5	ND	4	33	1	2	2	42	.18	.098	12	15	.20	104	.07	2	1.45	.02	.05	1
5+50E 5+50N	1	17	10	59	.1	9	5	260	1.95	2	5	ND	5	33	1	2	2	39	.18	.099	17	15	.22	142	.08	4	1.70	.02	.04	1
5+50E 4+50N	1	15	8	50	.1	10	4	275	2.05	5	5	ND	6	27	1	2	2	47	.18	.064	15	17	.23	108	.08	2	1.44	.02	.06	1
5+50E 4+50N	1	36	7	58	.1	8	6	356	1.81	12	5	ND	4	27	1	2	2	35	.19	.109	13	12	.22	117	.09	4	2.24	.04	.06	1
5+50E 3+50N	1	21	8	68	.1	14	5	218	2.14	5	5	ND	5	29	1	2	2	44	.21	.096	17	16	.28	170	.09	7	2.18	.03	.07	1
5+50E 3+50N	1	19	7	68	.2	12	5	212	1.95	4	5	ND	6	27	1	2	2	38	.17	.096	14	15	.24	145	.09	4	2.16	.03	.06	1
5+50E 2+50N	1	19	7	64	.1	11	5	316	1.91	3	5	ND	3	28	1	2	2	35	.19	.126	10	14	.19	119	.09	5	2.28	.03	.05	1
5+50E 2+50N	1	33	4	11	.2	5	1	104	.40	5	5	ND	1	148	1	2	2	18	3.74	.070	7	5	.14	53	.02	9	.54	.05	.04	1
5+50E 1+50N	1	30	14	36	.3	13	5	185	2.04	3	5	ND	4	53	1	2	2	36	.64	.015	55	21	.27	111	.08	2	2.02	.04	.07	1
5+50E 1+50N	1	19	12	83	.2	15	5	318	1.90	7	5	ND	5	31	1	2	2	34	.19	.086	16	15	.24	157	.10	8	2.58	.04	.07	1
5+50E 0+50N	1	17	9	77	.1	11	5	371	1.69	9	5	ND	3	28	1	2	2	34	.16	.083	9	12	.20	136	.08	3	1.98	.03	.06	1
5+50E 0+50N	1	19	10	83	.2	13	5	476	1.88	8	5	ND	5	32	1	2	2	37	.21	.087	13	14	.24	163	.09	5	2.09	.04	.07	1
6+00E 15+50N	1	16	9	66	.1	14	5	312	2.25	2	5	ND	5	44	1	2	2	43	.26	.040	14	21	.35	181	.09	4	2.15	.02	.08	1
6+00E 14+50N	1	68	17	36	.9	20	5	471	2.66	2	5	ND	6	138	1	2	2	39	1.15	.027	221	29	.40	171	.06	3	3.06	.04	.13	1
6+00E 14+50N	1	14	10	44	.1	8	5	341	1.97	2	5	ND	4	38	1	2	2	42	.20	.053	15	13	.17	104	.07	4	1.48	.03	.06	2
6+00E 13+50N	1	14	4	52	.1	8	3	418	1.57	2	5	ND	3	35	1	2	2	32	.16	.100	10	11	.15	127	.07	6	1.38	.03	.04	2
6+00E 13+50N	1	11	10	42	.1	11	4	207	1.68	5	5	ND	3	22	1	2	2	30	.10	.035	7	11	.15	99	.08	6	2.06	.02	.05	2
6+00E 12+50N	1	14	9	77	.1	6	4	762	1.75	5	5	ND	4	48	1	2	2	38	.18	.249	11	13	.15	255	.06	4	1.33	.02	.05	2
6+00E 12+50N	1	10	7	69	.2	6	3	774	1.25	2	5	ND	2	32	1	2	2	26	.14	.138	8	8	.12	181	.06	6	1.07	.03	.05	1
6+00E 11+50N	1	17	9	72	.1	10	5	456	1.89	3	5	ND	4	41	1	2	2	36	.18	.105	15	14	.22	163	.09	5	2.15	.03	.08	1
6+00E 11+50N	1	14	7	55	.1	9	4	456	1.41	3	5	ND	2	45	1	2	2	28	.28	.106	10	10	.17	180	.07	4	1.45	.03	.08	2
6+00E 10+50N	1	17	5	82	.2	14	4	585	1.25	3	5	ND	3	21	1	2	2	26	.16	.041	7	11	.19	152	.05	4	1.14	.03	.08	2
6+00E 10+50N	2	34	11	177	.1	26	7	763	2.15	11	5	ND	3	33	1	2	2	39	.23	.048	12	24	.38	348	.07	2	1.92	.03	.12	1
6+00E 8+50N	1	24	9	89	.1	17	6	409	2.12	9	5	ND	5	52	1	2	2	40	.20	.108	18	19	.30	198	.07	5	2.01	.02	.09	2
STD C	18	57	38	124	7.0	67	29	1045	4.00	39	21	7	38	50	17	18	21	57	.47	.081	36	58	.88	182	.06	33	1.94	.06	.13	13

SAMPLE#	MD PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE PPM	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA PPM	P PPM	LA PPM	CR PPM	MG PPM	BA PPM	TI PPM	B PPM	AL PPM	NA PPM	K PPM	Y PPM
6+00E 8+00N	1	11	7	70	.1	12	5	459	1.44	4	5	ND	3	45	1	2	2	29	.23	.138	15	14	.24	200	.08	2	1.85	.03	.10	1
6+00E 8+50N	1	13	8	73	.1	10	6	434	1.96	5	5	ND	5	49	1	2	3	37	.24	.112	20	17	.26	185	.09	3	2.06	.03	.09	1
6+00E 8+00N	1	13	5	69	.1	11	5	388	1.84	2	5	ND	6	30	1	2	2	37	.18	.155	14	15	.20	158	.0*	3	1.7*	.03	.06	1
6+00E 7+50N	1	13	5	54	.1	10	4	253	1.83	5	5	ND	4	35	1	2	2	37	.21	.107	14	14	.21	129	.0*	3	1.83	.03	.07	1
6+00E 7+00N	1	12	7	63	.1	10	5	337	1.88	2	5	ND	4	28	1	2	2	38	.19	.090	15	17	.23	148	.0*	3	1.77	.03	.07	1
6+00E 6+50N	1	13	9	52	.1	11	5	220	1.87	2	5	ND	4	23	1	2	2	37	.16	.084	12	15	.21	124	.10	4	1.88	.03	.06	1
6+00E 6+00N	1	10	7	65	.1	9	5	447	1.83	2	5	ND	4	32	1	2	2	36	.20	.096	14	15	.19	133	.08	4	1.71	.03	.07	1
6+00E 5+50N	1	6	5	24	.1	5	4	100	1.40	2	5	ND	3	44	1	2	2	29	.37	.009	11	11	.15	58	.06	4	.90	.03	.05	1
6+00E 5+00N	1	13	6	66	.2	9	5	373	1.71	4	5	ND	3	22	1	2	2	32	.18	.141	13	14	.18	118	.09	3	1.84	.03	.07	1
6+00E 4+50N	1	12	8	48	.1	10	6	338	2.03	3	5	ND	4	23	1	2	2	44	.17	.089	14	18	.24	126	.0*	4	1.76	.02	.07	1
6+00E 4+00N	1	15	4	61	.1	9	4	473	1.7*	5	5	ND	4	24	1	2	2	34	.19	.107	13	16	.21	136	.0*	6	1.73	.03	.06	1
6+00E 3+50N	1	16	6	60	.1	11	5	373	1.84	3	5	ND	4	25	1	2	2	37	.18	.088	15	17	.24	138	.09	2	1.87	.03	.06	1
6+00E 3+00N	1	11	3	55	.1	10	5	281	1.54	6	5	ND	4	22	1	2	2	31	.16	.071	13	12	.17	114	.08	2	1.55	.03	.06	1
6+00E 2+50N	1	9	5	56	.1	8	5	438	1.62	2	5	ND	4	22	1	2	2	35	.14	.088	11	13	.17	82	.06	2	1.2*	.02	.05	1
6+00E 2+00N	1	50	8	26	.5	14	5	276	1.84	10	5	ND	3	60	1	2	2	29	.70	.030	52	19	.23	91	.09	6	2.08	.05	.08	1
6+00E 1+50N	1	20	3	41	.2	10	5	284	1.60	5	5	ND	4	31	1	2	2	28	.35	.037	22	12	.16	73	.10	4	2.50	.05	.05	2
6+00E 1+00N	1	11	7	72	.1	9	4	487	1.50	5	5	ND	3	24	1	2	2	24	.18	.131	13	11	.16	120	.09	3	2.07	.03	.06	1
6+00E 0+50N	1	12	11	81	.1	13	5	274	1.74	7	5	ND	4	25	1	2	2	31	.18	.115	11	14	.22	143	.09	4	2.01	.03	.07	1
6+00E 0+00N	1	38	5	90	.1	28	9	556	2.13	7	5	ND	2	20	1	2	3	40	.27	.054	6	41	.59	153	.08	6	2.31	.04	.09	1
6+50E 15+00N	1	12	7	43	.1	9	4	308	1.58	2	5	ND	3	30	1	2	2	29	.19	.040	13	13	.22	146	.08	3	1.75	.03	.07	2
6+50E 14+50N	1	10	8	69	.1	7	4	378	1.62	3	5	ND	3	20	1	2	2	27	.12	.145	7	11	.15	106	.09	4	1.95	.03	.05	1
6+50E 14+00N	1	13	5	60	.1	11	5	222	1.71	2	5	ND	4	25	1	2	2	30	.12	.118	13	14	.19	113	.09	3	2.25	.03	.06	1
6+50E 13+50N	1	15	11	65	.1	11	5	246	1.91	2	5	ND	5	34	1	2	2	34	.14	.102	11	14	.24	98	.10	3	2.24	.03	.07	1
6+50E 13+00N	1	13	13	67	.1	12	5	227	2.04	4	5	ND	4	37	1	2	2	38	.21	.096	12	15	.23	102	.10	4	2.29	.03	.07	1
6+50E 12+50N	1	11	5	62	.1	9	4	576	1.64	2	5	ND	3	29	1	2	2	28	.14	.119	8	12	.17	134	.09	4	2.05	.03	.06	1
6+50E 12+00N	1	13	10	53	.1	11	5	258	1.78	2	5	ND	4	36	1	2	2	31	.18	.095	12	14	.17	132	.09	2	2.33	.03	.06	1
6+50E 11+50N	1	16	10	27	.1	8	4	144	1.53	2	5	ND	4	42	1	2	2	26	.27	.013	25	15	.21	84	.06	2	1.65	.02	.06	1
6+50E 11+00N	1	20	8	75	.1	12	5	378	1.57	2	5	ND	2	32	1	2	2	29	.17	.067	12	10	.18	126	.08	3	1.75	.03	.06	1
6+50E 10+50N	1	13	5	28	.1	6	3	207	1.11	3	5	ND	2	28	1	2	2	22	.14	.015	12	10	.17	77	.06	2	1.07	.03	.05	1
6+50E 10+00N	1	11	6	64	.2	11	4	344	1.53	5	5	ND	4	33	1	2	2	26	.20	.098	12	13	.18	139	.07	2	1.75	.03	.07	1
6+50E 9+50N	1	13	8	74	.2	10	4	430	1.57	3	5	ND	3	36	1	2	2	27	.17	.175	14	12	.18	165	.08	4	1.83	.03	.07	1
6+50E 9+00N	1	21	11	46	.2	13	5	170	1.75	2	5	ND	4	40	1	2	2	30	.19	.043	21	14	.22	145	.08	4	2.03	.03	.08	1
6+50E 8+50N	1	9	4	45	.1	4	3	577	.97	2	5	ND	2	18	1	2	2	20	.10	.078	5	6	.10	126	.05	2	.82	.03	.04	1
6+50E 8+00N	1	21	4	67	.3	17	5	170	1.79	2	5	ND	5	33	1	2	2	28	.16	.078	21	15	.20	143	.10	3	2.64	.03	.08	1
6+50E 7+50N	1	12	9	73	.1	9	4	490	1.49	4	5	ND	2	22	1	2	2	27	.12	.161	12	10	.16	162	.08	2	1.94	.03	.05	1
6+50E 7+00N	1	13	9	89	.1	12	5	318	2.01	6	5	ND	4	20	1	2	2	40	.12	.140	9	15	.17	133	.09	3	1.97	.02	.05	1
STD C	19	58	36	132	7.5	68	30	1067	4.01	45	18	8	40	47	18	19	21	58	.47	.088	40	62	.88	17*	.07	35	1.8*	.06	.15	13



SAMPLE

NO PPK CU PPK PB PPK ZN PPK AG PPK NI PPK CO PPK MN PPK FE PPK AS PPK U PPK AU PPK TH PPK SR PPK CD PPK SB PPK BI PPK V PPK CA PPK LA PPK CR PPK MS PPK NA PPK TI PPK B PPK AL PPK WA PPK K PPK M PPK

Table with 25 columns (NO, PPK, CU, PB, ZN, AG, NI, CO, MN, FE, AS, U, AU, TH, SR, CD, SB, BI, V, CA, LA, CR, MS, NA, TI, B, AL, WA, K, M) and 25 rows of data. Each row represents a sample and contains numerical values for each element.

SAMPLE	MO	CU	PI	ZN	AG	NI	CO	KX	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	ME	BA	TI	B	AL	NA	K	W
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	I	PPM	PPM	I	I	I	PPM	I	I	I	PPM
7+00E 4+00H	1	25	14	77	.1	14	5	289	2.15	3	5	ND	5	25	1	2	2	40	.17	.159	19	17	.25	112	.12	5	2.75	.04	.07	1
7+00E 3+50H	1	26	9	82	.3	14	7	261	2.52	5	5	ND	6	32	1	2	2	54	.23	.146	20	19	.27	146	.11	12	2.24	.03	.07	1
7+00E 3+00H	1	18	6	79	.2	14	5	397	1.99	2	5	ND	4	37	1	2	2	38	.24	.066	12	13	.22	146	.09	2	1.97	.04	.08	1
7+00E 2+50H	1	18	5	122	.1	9	4	515	1.28	2	5	ND	2	50	1	2	2	21	.30	.165	14	8	.14	110	.08	4	1.82	.04	.06	1
7+00E 2+00H	1	17	11	90	.1	11	4	382	2.05	2	5	ND	3	35	1	2	2	41	.25	.057	16	14	.30	129	.09	3	1.83	.03	.08	1
7+00E 1+50H	1	26	8	79	.4	14	4	280	2.14	2	5	ND	5	36	1	2	2	42	.23	.091	21	18	.28	149	.11	4	2.17	.04	.09	1
7+00E 1+00H	1	18	9	71	.1	12	5	411	1.93	2	5	ND	3	34	1	2	2	38	.27	.112	16	15	.24	164	.09	5	1.71	.03	.07	1
7+00E 0+50H	1	30	8	46	.2	16	7	354	2.35	5	5	ND	5	29	1	2	2	46	.22	.046	17	21	.40	202	.10	2	2.36	.03	.10	1
7+00E 0+00H	1	43	16	99	.2	25	10	495	3.20	5	5	ND	7	26	1	2	2	53	.25	.077	17	34	.61	142	.14	2	3.79	.03	.08	1
7+50E 15+00H	1	55	10	83	.3	36	11	502	2.98	12	5	ND	2	131	1	2	2	56	1.80	.081	17	51	.69	141	.09	7	1.89	.03	.12	1
7+50E 14+50H	1	15	10	90	.1	11	5	228	1.92	2	5	ND	4	38	1	2	2	34	.21	.043	8	10	.20	77	.09	7	2.28	.04	.07	1
7+50E 14+00H	1	19	10	45	.1	11	5	298	1.87	2	5	ND	3	28	1	2	2	32	.12	.133	11	12	.12	111	.10	4	2.58	.03	.07	1
7+50E 13+50H	1	14	5	55	.1	9	5	272	1.77	2	5	ND	3	32	1	2	2	32	.15	.085	11	12	.21	104	.09	2	2.25	.03	.05	1
7+50E 13+00H	1	19	9	67	.1	13	5	231	2.04	2	5	ND	5	37	1	2	2	37	.16	.123	13	15	.25	166	.10	4	2.51	.03	.08	1
7+50E 12+50H	1	18	12	62	.1	13	5	360	1.81	2	5	ND	4	37	1	2	2	29	.18	.099	16	14	.22	149	.10	4	2.56	.03	.07	1
7+50E 12+00H	1	14	14	63	.1	11	4	315	1.61	4	5	ND	4	30	1	2	2	25	.14	.076	10	11	.19	129	.08	3	2.08	.03	.08	1
7+50E 11+50H	1	19	8	43	.1	11	5	289	1.62	2	5	ND	3	56	1	2	2	27	.28	.024	58	15	.29	121	.08	2	1.72	.04	.11	2
7+50E 11+00H	1	18	8	78	.1	13	5	240	1.90	2	5	ND	3	29	1	2	2	29	.14	.168	10	12	.18	156	.09	6	2.35	.03	.07	1
7+50E 10+50H	1	20	7	107	.2	15	6	336	2.28	3	5	ND	5	44	1	2	2	32	.21	.192	16	17	.28	188	.09	4	3.05	.03	.11	1
7+50E 10+00H	1	18	11	45	.1	10	5	281	1.92	2	5	ND	4	36	1	2	2	33	.19	.101	13	13	.23	155	.10	5	2.61	.04	.07	1
7+50E 9+50H	1	14	8	66	.2	10	4	440	1.78	3	5	ND	5	37	1	2	2	32	.19	.114	18	13	.23	181	.08	2	1.87	.03	.10	1
7+50E 9+00H	1	37	12	100	.1	25	10	475	2.42	6	5	ND	4	31	1	2	2	44	.18	.068	15	20	.39	241	.10	3	2.42	.03	.10	1
7+50E 8+50H	2	52	19	98	.4	38	13	612	3.83	15	5	ND	3	40	1	2	2	69	.59	.053	12	49	.61	134	.13	4	2.26	.03	.12	1
7+50E 8+00H	1	25	10	72	.1	20	7	496	1.75	3	5	ND	3	36	1	2	2	30	.19	.083	10	18	.27	190	.07	3	1.38	.03	.07	1
7+50E 7+50H	1	22	10	88	.4	15	6	338	2.39	4	5	ND	6	40	1	2	2	48	.21	.150	23	20	.28	167	.09	6	1.84	.03	.10	1
7+50E 7+00H	1	27	14	98	.2	18	6	358	2.43	14	5	ND	6	43	1	2	2	42	.22	.080	18	21	.27	180	.09	3	2.55	.03	.09	1
7+50E 6+50H	1	18	9	56	.1	10	6	218	2.28	3	5	ND	6	40	1	2	2	46	.22	.035	13	17	.23	175	.09	2	2.04	.04	.08	1
7+50E 6+00H	1	20	11	66	.1	11	5	482	1.91	3	5	ND	5	29	1	2	2	36	.18	.125	15	17	.19	134	.09	6	2.41	.04	.06	1
7+50E 5+50H	1	19	10	45	.1	13	6	143	2.13	2	5	ND	4	36	1	2	2	36	.26	.025	9	14	.22	140	.10	4	2.56	.03	.07	2
7+50E 5+00H	1	22	8	64	.3	15	7	223	2.07	5	5	ND	5	33	1	2	2	37	.25	.032	16	16	.27	150	.10	7	2.34	.04	.08	1
7+50E 4+50H	1	23	8	62	.3	10	5	315	1.96	4	5	ND	5	24	1	3	2	36	.18	.101	16	14	.24	164	.10	4	2.16	.03	.08	1
7+50E 4+00H	1	19	6	58	.2	11	5	307	1.63	13	5	ND	4	22	1	2	2	30	.17	.112	14	12	.18	105	.09	9	2.06	.04	.06	1
7+50E 3+50H	1	28	12	91	.1	17	7	360	2.45	11	5	ND	6	37	1	2	2	49	.22	.118	17	21	.35	189	.11	6	2.10	.03	.10	1
7+50E 3+00H	1	38	21	158	.3	20	10	636	2.79	12	5	ND	5	50	1	2	2	46	.53	.144	34	20	.44	188	.11	8	2.45	.03	.13	1
7+50E 2+50H	1	15	10	48	.1	11	4	230	1.71	7	5	ND	3	27	1	2	2	35	.16	.060	15	14	.19	117	.08	6	1.48	.03	.06	2
7+50E 2+00H	1	10	10	82	.1	6	3	429	1.19	5	5	ND	2	18	1	2	2	22	.10	.095	8	9	.14	113	.07	4	1.15	.03	.06	1
STD C	18	61	39	128	7.3	69	30	1024	4.01	39	18	8	40	52	18	20	23	56	.47	.085	38	56	.88	182	.06	35	1.95	.06	.13	12

SAMPLE#	NO	CU	PH	ZH	AG	NI	CO	NI	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	H6	BA	TI	B	AL	NA	K	M	
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	
7+50E 1+50N	1	31	17	87	.3	21	8	653	2.72	5	5	ND	4	28	1	2	49	.34	.063	18	32	.50	173	.12	6	2.45	.02	.08	1	
7+50E 1+00N	1	29	17	97	.1	16	9	1281	2.58	4	5	ND	1	37	1	2	43	.39	.148	15	48	.45	114	.05	9	1.87	.02	.08	1	
7+50E 0+50N	1	61	7	117	.1	22	11	440	2.40	4	5	ND	1	28	1	2	56	.38	.068	3	18	.55	91	.09	4	1.49	.03	.07	1	
7+50E 0+00N	1	34	14	45	.2	11	5	442	1.90	2	5	ND	2	21	1	2	32	.24	.105	9	13	.24	125	.10	7	2.67	.03	.05	2	
8+00E 15+00N	1	11	9	28	.1	5	3	97	1.24	2	5	ND	2	22	1	2	25	.11	.008	6	8	.10	56	.05	5	1.00	.03	.03	2	
8+00E 14+50N	1	12	2	5	.1	2	1	34	.39	2	5	ND	1	45	1	2	10	.49	.005	3	1	.03	18	.02	2	.27	.04	.02	2	
8+00E 14+00N	1	17	13	77	.2	7	5	591	1.81	3	5	ND	3	50	1	2	32	.27	.232	12	12	.16	158	.07	5	1.55	.03	.04	1	
8+00E 13+50N	1	22	14	44	.1	11	4	292	1.77	2	5	ND	5	54	1	2	26	.19	.118	22	13	.22	161	.08	3	2.60	.03	.07	1	
8+00E 13+00N	1	17	13	60	.3	10	4	297	1.85	3	5	ND	4	28	1	2	31	.13	.094	15	13	.19	113	.08	4	2.32	.02	.06	1	
8+00E 12+50N	1	16	12	61	.1	4	4	204	1.72	2	5	ND	4	28	1	2	28	.11	.120	11	12	.17	108	.08	3	2.15	.02	.04	1	
8+00E 12+00N	1	14	14	54	.1	10	4	293	1.71	2	5	ND	5	24	1	2	27	.10	.104	13	14	.19	127	.08	2	2.16	.02	.04	1	
8+00E 11+50N	1	14	13	57	.1	11	4	294	1.65	2	5	ND	3	32	1	2	26	.14	.118	10	12	.18	129	.08	4	2.18	.03	.05	1	
8+00E 11+00N	1	12	11	58	.1	9	4	294	1.42	3	5	ND	4	24	1	2	25	.10	.123	9	11	.17	112	.07	3	1.85	.02	.07	1	
8+00E 10+50N	1	19	10	65	.1	10	4	327	1.77	2	5	ND	4	34	1	2	29	.16	.138	16	14	.20	156	.08	2	2.13	.03	.07	1	
8+00E 10+00N	1	18	11	54	.2	9	4	288	1.74	2	5	ND	5	27	1	2	27	.12	.107	15	12	.19	130	.08	2	2.35	.03	.07	1	
8+00E 9+50N	1	15	10	35	.2	7	3	177	1.41	2	5	ND	2	31	1	2	4	.26	.14	.013	18	12	.21	78	.06	2	1.21	.03	.04	1
8+00E 9+00N	1	30	15	73	.1	15	6	695	1.85	15	5	ND	4	32	1	2	33	.21	.078	14	16	.24	164	.07	3	1.91	.03	.07	1	
8+00E 8+50N	1	31	12	91	.1	14	6	445	1.86	5	5	ND	5	29	1	2	35	.15	.086	13	21	.28	139	.07	2	1.53	.02	.06	1	
8+00E 8+00N	1	34	7	55	.1	21	8	348	2.52	8	5	ND	5	49	1	2	4	.52	.18	.030	22	33	.48	118	.09	2	1.24	.02	.14	1
8+00E 7+50N	1	26	8	98	.1	21	6	497	1.96	6	5	ND	3	32	1	2	32	.12	.137	12	18	.28	231	.07	3	1.69	.02	.07	1	
8+00E 7+00N	1	10	6	49	.2	4	3	589	1.08	5	5	ND	1	15	1	2	22	.08	.040	5	10	.14	100	.05	2	.72	.02	.04	1	
8+00E 6+50N	1	17	10	54	.2	9	5	265	1.95	2	5	ND	5	39	1	2	38	.16	.088	17	16	.22	133	.07	2	1.41	.02	.06	1	
8+00E 6+00N	1	18	8	79	.4	9	4	444	1.72	6	5	ND	4	24	1	2	30	.13	.132	16	13	.19	141	.07	2	1.87	.03	.05	1	
8+00E 5+50N	1	8	4	49	.1	3	2	283	1.13	3	5	ND	1	15	1	2	22	.09	.118	4	8	.07	83	.05	2	.72	.02	.03	2	
8+00E 5+00N	1	19	9	72	.2	14	5	477	1.83	4	5	ND	4	23	1	2	33	.14	.069	13	14	.21	151	.08	3	2.09	.03	.06	1	
8+00E 4+50N	1	11	9	46	.2	12	4	283	1.80	3	5	ND	3	27	1	2	39	.15	.027	9	18	.25	112	.07	5	1.07	.02	.07	2	
8+00E 4+00N	1	21	10	63	.2	11	5	280	2.05	4	5	ND	5	24	1	2	41	.14	.091	21	16	.22	111	.09	2	1.88	.02	.07	1	
8+00E 3+50N	1	18	11	55	.1	10	4	280	1.80	3	5	ND	5	23	1	2	34	.13	.076	13	15	.20	111	.08	4	1.81	.02	.06	1	
8+00E 3+00N	1	16	6	54	.1	9	4	275	1.80	2	5	ND	4	29	1	2	33	.17	.063	13	16	.21	110	.08	5	1.74	.02	.07	1	
8+00E 2+50N	1	18	15	64	.2	10	5	340	1.89	6	5	ND	5	23	1	2	35	.16	.072	13	15	.22	115	.08	4	1.44	.02	.09	1	
8+00E 2+00N	1	11	13	90	.1	7	4	736	1.58	3	5	ND	3	34	1	2	27	.24	.101	26	11	.17	121	.08	6	1.76	.03	.06	1	
8+00E 1+50N	1	18	11	87	.1	15	5	441	1.77	5	5	ND	4	32	1	2	30	.24	.114	14	22	.27	159	.08	4	1.77	.03	.10	1	
8+00E 1+00N	1	43	12	72	.2	17	6	444	1.93	2	5	ND	6	29	1	2	31	.39	.024	28	21	.29	154	.08	5	2.02	.04	.08	1	
8+00E 0+50N	1	27	4	82	.1	17	7	887	1.77	5	5	ND	1	19	1	2	36	.26	.041	9	24	.33	141	.05	3	1.56	.03	.09	1	
8+00E 0+00N	1	33	12	66	.1	14	6	474	1.81	5	5	ND	3	24	1	2	33	.22	.085	12	18	.29	135	.08	3	1.95	.03	.07	1	
8+50E 15+00N	1	14	8	34	.1	9	4	251	1.62	2	5	ND	5	35	1	2	28	.19	.088	12	13	.21	124	.07	3	1.54	.03	.08	1	
STD C	19	59	43	132	7.1	67	29	1157	4.12	40	19	8	39	51	18	23	57	.46	.085	38	61	.86	178	.06	34	1.91	.06	.14	12	

SAMPLE#	NO	CU	PI	ZN	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	H6	9A	TI	B	AL	NA	K	M					
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH					
7+50E 1+50N	1	31	17	87	.3	21	8	463	2.72	5	5	ND	4	28	1	2	2	49	.34	.063	18	32	.50	173	.12	6	2.45	.02	.08	1
7+50E 1+00N	1	29	17	97	.1	16	9	1281	2.58	4	5	ND	1	37	1	2	2	43	.39	.148	15	48	.45	114	.05	9	1.87	.02	.08	1
7+50E 0+50N	1	51	7	117	.1	22	11	440	2.40	4	5	ND	1	28	1	2	2	56	.38	.068	3	18	.55	91	.09	4	1.49	.03	.07	1
7+50E 0+00N	1	34	14	45	.2	11	5	442	1.90	2	5	ND	2	21	1	2	2	32	.22	.105	9	13	.24	125	.10	7	2.67	.03	.05	2
8+00E 15+00N	1	11	9	28	.1	5	3	97	1.26	2	5	ND	2	22	1	2	2	25	.11	.008	6	8	.10	56	.05	5	1.00	.03	.03	2
8+00E 14+50N	1	12	2	5	.1	2	1	34	.39	2	5	ND	1	45	1	2	2	10	.49	.005	3	1	.03	18	.02	2	.27	.04	.02	2
8+00E 14+00N	1	17	13	77	.2	7	5	501	1.81	3	5	ND	3	50	1	2	2	32	.27	.232	12	12	.14	158	.07	5	1.55	.03	.04	1
8+00E 13+50N	1	22	14	64	.1	11	4	292	1.79	2	5	ND	5	54	1	2	2	24	.19	.118	22	13	.22	161	.08	3	2.60	.03	.07	1
8+00E 13+00N	1	17	13	60	.3	10	4	297	1.85	3	5	ND	4	28	1	2	2	31	.13	.094	15	13	.19	113	.08	4	2.32	.02	.04	1
8+00E 12+50N	1	16	12	61	.1	9	4	206	1.72	2	5	ND	4	28	1	2	2	28	.11	.120	11	12	.17	108	.08	3	2.15	.02	.04	1
8+00E 12+00N	1	16	14	56	.1	10	4	293	1.71	2	5	ND	5	24	1	2	2	27	.10	.106	13	14	.19	127	.08	2	2.16	.02	.04	1
8+00E 11+50N	1	14	13	57	.1	11	4	294	1.65	2	5	ND	3	32	1	2	2	26	.14	.118	10	12	.18	129	.08	4	2.18	.03	.05	1
8+00E 11+00N	1	12	11	58	.1	9	4	294	1.62	3	5	ND	4	24	1	2	2	25	.10	.123	9	11	.17	112	.07	3	1.85	.02	.07	1
8+00E 10+50N	1	19	10	65	.1	10	4	327	1.77	2	5	ND	4	34	1	2	2	27	.16	.138	16	14	.20	156	.08	2	2.13	.03	.07	1
8+00E 10+00N	1	18	11	54	.2	9	4	288	1.74	2	5	ND	5	27	1	2	2	27	.12	.107	15	12	.19	130	.08	2	2.35	.03	.07	1
8+00E 9+50N	1	15	10	35	.2	7	3	177	1.41	2	5	ND	2	31	1	2	2	24	.14	.013	18	12	.21	78	.06	2	1.21	.03	.06	1
8+00E 9+00N	1	30	15	73	.1	15	6	695	1.85	15	5	ND	4	32	1	2	2	33	.21	.078	14	16	.24	164	.07	3	1.91	.03	.07	1
8+00E 8+50N	1	31	12	91	.1	16	6	445	1.86	5	5	ND	5	29	1	2	2	33	.15	.086	13	21	.28	139	.07	2	1.53	.02	.06	1
8+00E 8+00N	1	34	7	55	.1	21	8	348	2.52	8	5	ND	5	49	1	2	2	52	.18	.030	22	33	.48	118	.09	2	1.24	.02	.14	1
8+00E 7+50N	1	26	8	98	.1	21	6	497	1.96	6	5	ND	3	32	1	2	2	32	.12	.137	12	18	.28	231	.07	3	1.69	.02	.07	1
8+00E 7+00N	1	10	6	69	.2	6	3	589	1.08	5	5	ND	1	15	1	2	2	22	.08	.040	5	10	.14	100	.05	2	.72	.02	.04	1
8+00E 6+50N	1	17	10	56	.2	9	5	265	1.95	2	5	ND	5	39	1	2	2	38	.16	.088	17	16	.22	133	.07	2	1.61	.02	.06	1
8+00E 6+00N	1	18	8	79	.4	9	4	446	1.72	6	5	ND	4	24	1	2	2	30	.13	.132	16	13	.19	141	.07	2	1.87	.03	.05	1
8+00E 5+50N	1	1	4	49	.1	3	2	283	1.13	3	5	ND	1	15	1	2	2	22	.09	.118	4	8	.07	83	.05	2	.72	.02	.03	2
8+00E 5+00N	1	19	9	72	.2	14	5	477	1.83	4	5	ND	4	23	1	2	2	33	.14	.069	13	14	.21	151	.08	3	2.09	.03	.06	1
8+00E 4+50N	1	11	9	46	.2	12	4	283	1.80	3	5	ND	3	27	1	2	2	39	.15	.027	9	18	.25	112	.07	5	1.07	.02	.07	2
8+00E 4+00N	1	21	10	63	.2	11	5	280	2.05	4	5	ND	5	24	1	2	2	41	.14	.091	21	16	.22	111	.09	2	1.88	.02	.07	1
8+00E 3+50N	1	18	11	55	.1	10	4	280	1.80	3	5	ND	5	23	1	2	2	34	.13	.076	13	15	.20	111	.08	4	1.81	.02	.06	1
8+00E 3+00N	1	16	6	56	.1	9	4	275	1.80	2	5	ND	4	29	1	2	2	33	.17	.063	13	16	.21	110	.08	5	1.74	.02	.07	1
8+00E 2+50N	1	18	15	64	.2	10	5	360	1.89	6	5	ND	5	23	1	2	2	35	.16	.072	13	15	.22	115	.08	4	1.64	.02	.09	1
8+00E 2+00N	1	11	13	90	.1	7	4	736	1.58	3	5	ND	3	36	1	2	2	27	.24	.101	24	11	.17	121	.08	6	1.76	.03	.06	1
8+00E 1+50N	1	18	11	87	.1	15	5	641	1.77	5	5	ND	4	32	1	2	2	30	.24	.114	14	22	.27	159	.08	4	1.77	.03	.10	1
8+00E 1+00N	1	43	12	72	.2	17	6	446	1.93	2	5	ND	4	29	1	2	2	31	.39	.024	28	21	.29	134	.08	5	2.02	.04	.08	1
8+00E 0+50N	1	27	6	82	.1	17	7	887	1.77	5	5	ND	1	19	1	2	2	36	.26	.041	9	24	.33	141	.05	3	1.56	.03	.09	1
8+00E 0+00N	1	33	12	66	.1	14	6	474	1.81	5	5	ND	3	24	1	2	2	33	.22	.085	12	18	.29	135	.08	3	1.95	.03	.07	1
8+50E 15+00N	1	14	8	54	.1	9	4	251	1.62	2	5	ND	5	35	1	2	2	28	.19	.088	12	13	.21	126	.07	3	1.56	.03	.08	1
STD C	19	59	43	132	7.1	67	29	1157	4.12	40	19	8	39	51	18	18	23	57	.46	.085	38	61	.86	178	.06	34	1.91	.06	.14	12

SAMPLE	NO	CU	PB	ZN	AS	FE	MN	CO	NI	SR	TH	AU	U	AS	PPH	CD	SR	TH	AU	U	AS	PPH	CA	P	LA	CR	M5	BA	TI	B	AL	NO	K	W	
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	
8+75E 8+00N	1	25	8	85	1	19	4	333	1.56	15	5	5	5	40	2	2	2	32	.16	.080	13	16	.27	258	.04	4	1.60	.02	.08	1	1	1	1		
8+75E 7+75N	1	19	2	83	1	14	4	524	1.44	10	5	5	5	10	2	2	2	29	.17	.058	13	12	.20	144	.06	4	1.22	.02	.06	1	1	1	1		
8+75E 7+50N	1	13	10	141	1	12	4	524	1.44	10	5	5	5	10	2	2	2	29	.17	.058	13	12	.20	144	.06	4	1.22	.02	.06	1	1	1	1		
8+75E 7+25N	1	34	14	324	1	21	8	570	2.88	16	5	5	5	16	2	2	2	37	.54	.022	47	23	.33	180	.09	4	3.47	.05	.08	1	1	1	1		
8+75E 7+00N	1	24	5	267	1	16	5	365	1.97	10	5	5	5	10	2	2	2	30	.36	.033	27	14	.28	116	.10	5	2.48	.04	.07	1	1	1	1		
8+75E 6+75N	1	94	8	245	3	25	5	370	1.86	8	5	5	5	8	2	2	2	26	.73	.032	92	17	.24	168	.08	2	2.46	.05	.07	1	1	1	1		
8+75E 6+50N	3	86	13	77	2	17	2	54	1.06	4	5	5	5	4	2	2	2	32	4.23	.086	169	8	.21	182	.02	10	1.21	.02	.04	1	1	1	1		
8+75E 6+25N	41	49	3	9	1	8	1	33	.41	2	2	2	2	2	2	2	2	38	3.76	.049	12	1	.15	95	.01	11	.19	.03	.01	1	1	1	1		
8+75E 6+00N	13	27	10	43	3	1	1	31	.38	3	5	5	5	3	2	2	2	44	4.55	.060	5	1	.14	68	.01	22	.11	.03	.02	3	3	3	3		
8+75E 5+75N	1	16	3	10	1	3	1	67	.46	2	2	2	2	2	2	2	2	12	4.75	.025	3	4	.17	46	.02	5	.31	.06	.04	1	1	1	1		
8+75E 5+50N	1	47	5	13	1	9	2	127	.83	2	5	5	5	2	2	2	2	22	1.60	.051	67	11	.11	64	.03	5	.99	.05	.03	1	1	1	1		
8+75E 5+25N	1	15	3	25	1	9	4	390	1.44	11	5	5	5	11	2	2	2	50	.23	.009	11	17	.24	58	.07	4	.95	.02	.04	1	1	1	1		
8+75E 5+00N	1	17	5	64	1	10	4	180	1.44	7	5	5	5	7	2	2	2	23	1.4	.196	7	9	.15	146	.07	9	1.84	.03	.06	1	1	1	1		
9+00E 15+00N	1	14	4	63	1	9	4	408	1.61	2	5	5	5	2	2	2	2	29	.21	.110	16	11	.19	138	.07	3	1.55	.03	.09	1	1	1	1		
9+00E 14+50N	1	18	10	65	1	10	4	225	1.65	3	5	5	5	3	2	2	2	28	.20	.068	17	12	.22	134	.07	11	1.91	.03	.08	1	1	1	1		
9+00E 14+00N	1	16	7	78	1	11	3	382	1.72	4	5	5	5	4	2	2	2	28	.16	.149	10	11	.16	103	.08	4	2.24	.03	.06	1	1	1	1		
9+00E 13+50N	1	31	3	38	3	14	3	422	1.11	3	5	5	5	3	2	2	2	26	.68	.050	18	16	.25	91	.04	6	1.10	.05	.06	2	2	2	2		
9+00E 13+00N	1	33	5	42	1	15	5	205	2.22	2	5	5	5	2	2	2	2	34	.41	.023	68	23	.35	146	.09	3	2.48	.04	.12	2	2	2	2		
9+00E 12+50N	1	24	10	53	1	16	5	160	2.39	4	5	5	5	4	2	2	2	34	.19	.110	21	21	.28	199	.09	5	3.34	.03	.09	1	1	1	1		
9+00E 12+00N	1	22	11	52	1	11	5	311	2.12	3	5	5	5	3	2	2	2	36	.14	.110	25	15	.22	133	.10	4	2.69	.03	.07	1	1	1	1		
9+00E 11+50N	1	18	7	51	1	9	4	205	1.86	2	5	5	5	2	2	2	2	33	.12	.121	18	13	.19	122	.09	3	2.12	.03	.06	1	1	1	1		
9+00E 11+00N	1	24	9	63	2	12	6	217	2.50	2	5	5	5	2	2	2	2	40	.17	.109	32	21	.31	236	.10	3	3.03	.03	.09	1	1	1	1		
9+00E 10+50N	1	27	13	63	2	15	6	266	2.34	2	5	5	5	2	2	2	2	34	.16	.103	27	22	.27	198	.09	3	2.99	.03	.11	2	2	2	2		
9+00E 10+00N	1	20	8	53	1	12	5	295	1.83	2	5	5	5	2	2	2	2	29	.15	.093	28	14	.21	140	.09	3	2.27	.03	.07	1	1	1	1		
9+00E 9+50N	1	16	6	41	1	12	4	250	2.04	2	5	5	5	2	2	2	2	37	.12	.091	14	15	.21	124	.08	3	1.96	.02	.04	1	1	1	1		
9+00E 9+00N	1	14	6	35	1	9	5	199	1.90	2	5	5	5	2	2	2	2	35	.20	.084	18	15	.22	116	.08	4	1.51	.02	.07	1	1	1	1		
9+00E 8+50N	1	48	14	53	3	18	6	736	2.19	3	5	5	5	3	2	2	2	32	1.37	.077	75	24	.30	233	.06	6	3.24	.04	.09	1	1	1	1		
9+00E 8+00N	1	57	10	55	3	21	5	150	2.13	2	5	5	5	2	2	2	2	28	.77	.034	83	24	.29	181	.08	5	3.22	.05	.08	2	2	2	2		
9+00E 7+75N	1	36	6	277	1	15	5	349	2.02	9	5	5	5	9	2	2	2	26	.87	.026	49	19	.25	154	.07	3	2.74	.05	.07	1	1	1	1		
9+00E 7+50N	1	25	10	124	2	15	5	410	2.09	12	5	5	5	12	2	2	2	35	.14	.153	21	17	.23	158	.09	10	2.28	.03	.06	1	1	1	1		
9+00E 7+00N	1	17	6	84	1	13	5	379	1.89	5	5	5	5	5	2	2	2	33	.15	.151	16	15	.22	137	.08	4	1.78	.03	.07	1	1	1	1		
9+00E 6+75N	1	20	5	64	1	16	5	250	2.00	6	5	5	5	6	2	2	2	33	.23	.024	14	17	.24	171	.08	6	2.10	.03	.07	1	1	1	1		
9+00E 6+50N	1	98	13	53	4	23	5	241	2.04	26	5	5	5	26	2	2	2	29	.76	.021	82	18	.22	132	.07	3	2.41	.05	.08	1	1	1	1		
9+00E 6+25N	1	22	12	27	3	8	4	174	1.24	5	5	5	5	5	2	2	2	23	1.67	.023	15	10	.19	114	.05	11	.92	.06	.07	1	1	1	1		
9+00E 6+00N	1	13	5	23	1	7	3	80	1.22	2	5	5	5	2	2	2	2	24	.53	.005	7	9	.13	55	.05	4	.89	.05	.03	1	1	1	1		
9+00E 5+75N	1	16	10	36	2	14	6	107	1.87	4	5	5	5	4	2	2	2	32	.47	.009	13	21	.20	81	.08	7	1.68	.04	.07	2	2	2	2		
STD C	18	59	37	130	7.2	68	29	1030	4.10	38	16	8	16	18	18	18	18	18	55	.46	.095	38	60	.86	177	.06	37	1.90	.06	.14	13	13	13	13	

SOOKOCHOFF PROJECT-ABREX PL. FILE # 87-5529

SAMPLE	MO	CU	PB	ZN	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	M					
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM					
8+75E 8+00N	1	25	8	85	.1	17	4	887	2.00	40	5	ND	3	29	1	2	2	32	.16	.080	13	16	.27	258	.06	4	1.60	.02	.08	1
8+75E 7+75N	1	19	2	83	.1	14	4	333	1.56	15	5	ND	4	26	1	2	2	29	.17	.058	13	12	.20	144	.06	4	1.22	.02	.06	1
8+75E 7+50N	1	13	10	141	.1	12	4	526	1.44	10	5	ND	3	15	1	2	2	24	.10	.107	8	11	.14	109	.06	4	1.04	.02	.05	1
8+75E 7+25N	1	34	14	324	.1	21	8	570	2.49	16	5	ND	9	72	1	2	2	37	.54	.022	47	23	.33	180	.09	4	3.47	.05	.08	1
8+75E 7+00N	1	24	5	267	.1	16	5	305	1.97	10	5	ND	5	48	1	2	2	30	.36	.033	27	16	.28	115	.10	5	2.47	.04	.07	1
8+75E 6+75N	1	86	8	245	.3	25	5	370	1.86	8	5	ND	5	86	2	2	2	26	.75	.032	82	17	.26	168	.08	2	2.46	.05	.07	1
8+75E 6+50N	3	86	13	77	.2	17	2	54	1.06	4	5	ND	1	345	1	2	2	32	4.23	.086	169	8	.21	182	.02	10	1.21	.02	.04	1
8+75E 6+25N	41	49	3	9	.1	8	1	33	.41	2	5	ND	1	288	1	2	2	38	3.76	.049	12	1	.15	95	.01	11	.19	.03	.01	1
8+75E 6+00N	13	27	10	43	.3	1	1	31	.38	3	5	ND	1	201	1	2	2	44	4.55	.060	5	1	.14	48	.01	22	.11	.03	.02	3
8+75E 5+75N	1	16	3	10	.1	3	1	67	.46	2	5	ND	1	202	1	2	2	12	4.75	.025	3	4	.17	46	.02	5	.31	.06	.04	1
8+75E 5+50N	1	47	5	13	.1	9	2	127	.83	2	5	ND	1	70	1	2	2	22	1.60	.051	67	11	.11	64	.03	5	.99	.05	.03	1
8+75E 5+25N	1	15	3	25	.1	9	4	148	2.14	11	5	ND	4	31	1	2	2	50	.23	.009	11	17	.24	58	.07	4	.95	.02	.04	1
8+75E 5+00N	1	17	5	66	.1	10	4	390	1.49	7	5	ND	4	19	1	2	2	23	1.14	.196	7	9	.15	146	.07	9	1.84	.03	.04	1
9+00E 15+00N	1	14	4	83	.1	9	4	408	1.61	2	5	ND	3	38	1	2	2	29	.21	.110	16	11	.19	138	.07	3	1.55	.03	.09	1
9+00E 14+50N	1	18	10	45	.1	10	4	225	1.45	3	5	ND	6	45	1	2	2	28	.20	.068	17	12	.22	134	.09	11	1.91	.03	.08	1
9+00E 14+00N	1	16	7	78	.1	11	3	382	1.72	4	5	ND	5	28	1	2	2	29	.16	.149	10	11	.16	103	.09	4	2.24	.03	.06	1
9+00E 13+50N	1	31	3	38	.3	14	3	422	1.11	3	5	ND	1	78	1	2	2	26	.68	.050	18	16	.25	91	.04	6	1.10	.05	.06	2
9+00E 13+00N	1	33	5	42	.1	15	5	205	2.22	2	5	ND	9	71	1	2	2	34	.41	.023	48	23	.35	146	.09	3	2.48	.04	.12	2
9+00E 12+50N	1	24	10	53	.1	16	5	160	2.39	4	5	ND	7	46	1	2	2	34	.19	.110	21	21	.28	199	.09	5	3.34	.03	.09	1
9+00E 12+00N	1	22	11	52	.1	11	5	311	2.12	3	5	ND	7	30	1	2	2	36	.14	.110	25	15	.22	135	.10	4	2.69	.03	.07	1
9+00E 11+50N	1	18	7	51	.1	9	4	205	1.86	2	5	ND	5	24	1	2	2	33	.12	.121	18	13	.19	122	.09	3	2.12	.03	.06	1
9+00E 11+00N	1	26	9	63	.2	12	6	217	2.50	2	5	ND	10	50	1	2	2	40	.17	.109	32	21	.31	236	.10	3	3.03	.03	.09	1
9+00E 10+50N	1	27	13	63	.2	15	6	288	2.34	2	5	ND	8	42	1	3	2	34	.16	.103	27	22	.27	198	.09	2	2.99	.03	.11	2
9+00E 10+00N	1	20	8	53	.1	12	5	295	1.83	2	5	ND	6	33	1	2	2	29	.15	.093	28	14	.21	140	.09	3	2.27	.03	.07	1
9+00E 9+50N	1	16	6	61	.1	12	4	250	2.04	2	5	ND	6	27	1	2	2	37	.12	.091	14	15	.21	124	.08	3	1.96	.02	.06	1
9+00E 9+00N	1	14	6	55	.1	9	5	199	1.40	2	5	ND	5	41	1	2	2	35	.20	.084	18	15	.22	116	.08	4	1.51	.02	.07	1
9+00E 8+50N	1	48	14	53	.3	18	6	736	2.19	3	5	ND	3	139	1	2	2	32	1.37	.077	75	24	.30	233	.06	6	3.24	.04	.09	1
9+00E 8+00N	1	57	10	55	.3	21	5	150	2.13	2	5	ND	6	92	1	3	2	28	.77	.034	83	24	.29	181	.08	5	3.22	.05	.08	2
9+00E 7+75N	1	36	6	277	.1	15	5	349	2.02	9	5	ND	5	79	2	2	2	26	.67	.024	49	19	.25	154	.07	3	2.74	.05	.07	1
9+00E 7+25N	1	25	10	124	.2	15	5	410	2.09	12	5	ND	5	28	1	2	2	35	.14	.153	21	17	.23	158	.09	10	2.28	.03	.06	1
9+00E 7+00N	1	17	4	84	.1	13	5	379	1.89	5	5	ND	6	33	1	2	2	33	.15	.151	16	15	.22	157	.08	4	1.78	.03	.07	1
9+00E 6+75N	1	20	5	64	.1	16	5	250	2.00	6	5	ND	5	44	1	2	2	33	.23	.024	14	17	.24	171	.08	6	2.10	.03	.07	1
9+00E 6+50N	1	98	13	55	.4	23	5	241	2.04	26	5	ND	4	64	1	2	2	29	.74	.021	82	18	.22	132	.07	3	2.41	.05	.08	1
9+00E 6+25N	1	22	12	27	.3	8	4	174	1.24	5	5	ND	2	98	1	2	2	23	1.67	.023	15	10	.19	114	.05	11	.92	.06	.07	1
9+00E 6+00N	1	13	5	23	.1	7	3	80	1.22	2	5	ND	2	45	1	2	2	24	.53	.005	7	9	.13	55	.05	4	.89	.05	.03	1
9+00E 5+75N	1	16	10	36	.2	14	6	107	1.87	4	5	ND	5	51	1	2	2	32	.47	.009	13	21	.20	81	.08	7	1.68	.04	.07	2
STD C	18	59	37	130	7.2	68	29	1030	4.10	38	16	8	40	51	17	16	18	55	.46	.085	38	60	.86	177	.06	37	1.90	.06	.14	13

SAMPLE	NO	CU	PB	ZK	AG	NI	CO	WK	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	F	LA	CR	MG	BA	TI	B	AL	HA	K	W
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH
9+00E 5+50N	1	94	6	28	.3	18	4	474	1.54	33	5	ND	3	50	1	2	2	25	.78	.020	122	14	.19	113	.06	2	1.39	.05	.07	2
9+00E 5+25N	1	24	12	60	.2	14	6	416	2.64	49	5	ND	7	43	1	2	2	46	.49	.020	31	23	.33	181	.09	5	2.05	.04	.09	1
9+00E 5+00N	1	14	8	49	.2	9	4	220	1.82	10	5	ND	4	28	1	2	2	31	.24	.042	11	14	.18	101	.08	2	2.04	.03	.04	1
9+00E 4+50N	1	16	7	64	.2	12	5	233	1.72	20	5	ND	4	29	1	2	2	28	.24	.045	10	12	.19	126	.07	2	2.45	.05	.05	1
9+00E 4+00N	1	18	16	59	.1	10	4	449	1.78	10	5	ND	4	25	1	2	2	32	.18	.102	16	13	.22	113	.09	2	2.18	.03	.05	1
9+00E 3+75N	1	31	9	65	.1	13	7	382	2.08	6	5	ND	5	31	1	2	2	39	.21	.052	15	19	.29	186	.08	6	2.03	.02	.07	1
9+00E 3+50N	1	23	12	77	.1	10	6	738	1.89	4	5	ND	3	29	1	2	2	35	.19	.089	13	14	.23	170	.08	3	1.84	.03	.07	1
9+00E 3+25N	1	21	10	73	.2	11	5	284	2.16	11	5	ND	6	30	1	2	2	40	.20	.048	18	18	.25	137	.09	4	2.02	.02	.08	1
9+00E 3+00N	1	18	13	90	.2	10	5	512	1.82	5	5	ND	6	36	1	2	2	32	.22	.081	13	13	.21	150	.08	4	1.80	.03	.08	1
9+00E 2+75N	1	11	9	60	.1	6	3	601	1.18	2	5	ND	1	17	1	2	2	23	.17	.040	6	8	.13	84	.05	2	.97	.04	.05	1
9+00E 2+50N	1	15	8	68	.2	9	4	374	1.81	3	5	ND	6	28	1	2	2	34	.21	.109	16	15	.19	159	.07	5	1.64	.03	.08	1
9+00E 2+25N	1	15	5	67	.1	11	4	365	1.79	2	5	ND	5	28	1	2	2	32	.21	.118	17	15	.19	132	.08	4	1.77	.03	.09	1
9+00E 2+00N	1	20	12	67	.1	15	6	365	2.39	3	5	ND	6	37	1	2	2	41	.24	.135	14	29	.40	206	.08	2	2.21	.02	.11	1
9+00E 1+75N	1	45	13	131	.2	18	13	2194	2.90	13	5	ND	2	34	1	2	2	50	.43	.093	18	35	.56	311	.07	5	2.19	.03	.26	1
9+00E 1+50N	1	25	13	64	.2	20	7	437	2.67	3	5	ND	5	28	1	2	2	49	.24	.039	22	43	.44	177	.10	2	2.82	.02	.10	1
9+00E 1+25N	1	27	15	67	.1	20	7	474	2.64	4	5	ND	6	29	1	2	2	50	.24	.046	21	47	.44	192	.09	2	2.39	.02	.09	1
9+00E 1+00N	1	46	21	143	.1	41	11	792	2.82	11	5	ND	5	26	1	2	2	49	.28	.031	25	89	.69	241	.08	3	2.57	.02	.13	1
9+00E 0+50N	1	31	12	79	.1	15	7	1010	2.13	5	5	ND	3	27	1	2	2	39	.28	.119	13	20	.30	248	.08	4	2.04	.02	.08	1
9+00E 0+00N	1	46	2	62	.1	8	7	1803	1.84	4	5	ND	1	24	1	2	2	30	.28	.062	6	12	.24	189	.05	4	1.17	.03	.06	1
9+25E 8+50N	1	18	8	92	.1	13	6	507	1.95	11	5	ND	4	21	1	2	2	32	.12	.161	9	16	.22	148	.08	2	2.24	.03	.06	1
9+25E 8+25N	1	54	12	137	.4	15	5	173	2.15	47	5	ND	4	23	1	2	2	33	.07	.082	8	16	.23	216	.07	3	1.80	.02	.06	1
9+25E 8+00N	1	30	16	308	.3	13	5	414	1.77	65	5	ND	4	23	1	2	2	26	.14	.117	18	14	.19	157	.07	11	1.94	.03	.07	1
9+25E 7+75N	1	20	13	145	.1	11	5	494	1.95	35	5	ND	5	25	1	2	2	32	.13	.161	15	16	.23	164	.08	3	1.88	.03	.07	1
9+25E 7+50N	1	23	13	93	.1	14	6	395	2.15	17	5	ND	6	23	1	2	2	35	.12	.101	17	18	.26	159	.08	6	2.10	.02	.08	1
9+25E 7+25N	1	18	5	76	.1	10	4	578	1.81	6	5	ND	5	21	1	2	2	30	.12	.112	13	13	.21	191	.07	3	1.78	.02	.07	1
9+25E 7+00N	1	17	10	89	.2	14	5	392	2.08	6	5	ND	6	33	1	2	2	34	.20	.107	15	17	.25	207	.08	4	1.90	.02	.08	1
9+25E 6+75N	1	15	5	91	.2	13	5	392	1.79	7	5	ND	4	28	1	2	2	31	.14	.161	12	16	.23	183	.07	4	1.73	.02	.06	1
9+25E 6+50N	1	38	9	338	.3	41	10	949	2.46	25	5	ND	5	26	1	2	2	40	.13	.155	16	18	.30	182	.08	4	1.91	.02	.07	1
9+25E 6+25N	1	20	10	119	.1	16	5	233	1.88	10	5	ND	3	31	1	2	2	30	.21	.019	10	14	.21	115	.07	2	2.07	.03	.05	1
9+25E 6+00N	1	17	6	112	.1	11	4	686	1.70	6	5	ND	3	24	1	2	2	28	.18	.147	10	12	.17	183	.07	3	1.72	.03	.06	1
9+25E 5+75N	1	15	7	102	.1	9	4	626	1.56	6	5	ND	2	17	1	2	2	25	.11	.177	7	10	.13	132	.08	2	1.74	.02	.05	1
9+25E 5+50N	1	15	9	48	.1	9	3	440	1.45	5	5	ND	2	14	1	2	2	24	.08	.140	9	10	.14	100	.07	2	1.84	.03	.05	1
9+25E 5+25N	1	24	10	102	.1	14	5	245	1.98	27	5	ND	5	21	1	2	2	33	.12	.120	7	14	.27	101	.08	8	1.93	.03	.06	1
9+25E 5+00N	1	19	9	90	.1	12	5	583	1.76	24	5	ND	3	25	1	2	2	28	.19	.158	10	13	.20	136	.08	3	2.00	.03	.06	1
9+25E 4+50N	1	9	3	57	.2	5	3	446	1.09	3	5	ND	2	15	1	2	2	22	.11	.085	9	8	.11	109	.04	3	.64	.03	.06	1
9+25E 4+00N	1	37	43	106	.4	17	7	791	2.13	63	5	ND	4	21	1	2	2	38	.21	.109	15	17	.26	162	.10	7	2.77	.03	.05	1
STD C	18	58	39	130	6.9	68	28	1065	4.05	40	18	8	38	50	18	17	18	55	.45	.085	37	57	.85	177	.06	35	1.88	.06	.14	12

SAMPLE	NO	CU	PB	ZN	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MS	BA	VI	B	AL	NA	K	M					
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM					
9+25E 3+75N	1	98	23	77	.3	13	37	1071	2.45	23	5	ND	2	29	1	2	2	52	.27	.130	10	19	.32	130	.08	5	1.80	.02	.06	1
9+25E 3+50N	1	21	8	69	.1	12	7	407	2.07	3	5	ND	7	22	1	2	2	41	.16	.043	13	17	.24	134	.08	3	1.72	.02	.07	1
9+25E 3+25N	1	16	6	59	.2	10	4	285	1.93	5	5	ND	6	24	1	2	2	37	.18	.064	19	15	.22	122	.09	3	1.90	.03	.06	1
9+25E 3+00N	1	15	10	67	.1	11	5	475	1.87	6	5	ND	5	38	1	2	2	35	.23	.192	18	14	.19	158	.08	2	1.85	.03	.06	1
9+25E 2+75N	1	17	8	54	.2	11	5	297	2.03	5	5	ND	6	30	1	2	2	42	.24	.057	21	18	.24	118	.08	4	1.54	.03	.07	1
9+25E 2+50N	1	48	8	87	.1	19	9	311	2.08	2	5	ND	5	35	1	2	2	37	.31	.033	27	22	.29	189	.08	4	2.28	.04	.09	1
9+25E 2+25N	1	13	7	71	.1	9	4	410	1.51	2	5	ND	4	32	1	2	2	28	.23	.106	12	15	.20	202	.06	2	1.34	.03	.07	1
9+25E 2+00N	1	20	6	56	.1	11	6	770	1.89	2	5	ND	4	29	1	2	2	34	.29	.066	14	24	.34	203	.07	2	1.76	.04	.16	1
9+25E 1+75N	1	23	9	71	.1	13	7	840	2.68	2	5	ND	4	33	1	2	2	51	.34	.059	18	28	.41	223	.09	5	2.39	.03	.16	1
9+25E 1+50N	1	25	7	80	.1	13	10	710	2.78	2	5	ND	5	22	1	2	2	55	.26	.070	12	106	.77	185	.12	2	2.87	.03	.08	1
9+25E 1+25N	1	22	8	100	.1	17	7	1834	1.70	6	5	ND	2	28	1	2	2	31	.36	.099	7	46	.41	268	.06	4	1.42	.03	.08	1
9+25E 1+00N	1	33	16	86	.4	19	7	466	2.28	10	5	ND	7	33	1	2	2	35	.48	.015	30	27	.34	186	.09	7	2.45	.04	.08	1
9+50E 15+00N	1	16	8	58	.1	12	5	296	1.95	2	5	ND	5	40	1	2	2	26	.24	.115	15	17	.26	168	.08	4	1.52	.03	.08	1
9+50E 14+50N	1	11	4	47	.1	8	4	403	1.50	2	5	ND	3	45	1	2	2	39	.21	.060	14	11	.19	121	.07	4	1.35	.03	.08	2
9+50E 14+00N	1	11	6	86	.1	7	3	415	1.35	2	5	ND	3	21	1	2	2	25	.12	.124	7	9	.13	101	.07	5	1.46	.03	.05	1
9+50E 13+50N	2	141	14	75	.7	36	8	566	1.97	2	8	ND	3	150	1	2	2	47	1.47	.079	89	44	.59	249	.09	5	2.93	.04	.12	1
9+50E 13+00N	1	22	10	62	.1	13	5	476	2.19	2	5	ND	7	73	1	2	2	40	.47	.025	33	20	.32	165	.09	3	2.45	.05	.10	1
9+50E 12+50N	1	17	10	43	.1	10	5	273	2.01	2	5	ND	7	45	1	2	2	33	.38	.014	25	20	.32	141	.10	2	2.26	.05	.10	1
9+50E 12+00N	1	34	8	35	.3	16	4	167	2.26	2	5	ND	10	85	1	2	2	28	.56	.025	78	27	.34	187	.08	2	3.29	.05	.12	1
9+50E 11+50N	1	24	9	41	.1	12	4	217	1.96	2	5	ND	10	40	1	2	2	29	.35	.018	47	23	.34	126	.09	2	2.22	.04	.11	1
9+50E 11+00N	1	10	8	34	.1	7	4	151	1.58	2	5	ND	4	38	1	2	2	34	.21	.040	14	14	.25	72	.07	2	.90	.02	.07	2
9+50E 10+50N	1	26	5	52	.2	16	6	206	2.28	2	5	ND	8	46	1	2	2	35	.17	.087	24	23	.24	249	.10	2	3.30	.03	.08	1
9+50E 10+00N	1	20	6	14	.1	7	3	58	1.23	2	5	ND	4	43	1	2	2	16	.25	.017	38	13	.18	99	.06	4	1.68	.05	.06	1
9+50E 9+50N	2	21	6	20	.1	6	3	138	.80	2	5	ND	2	83	1	3	2	17	.90	.072	15	9	.14	68	.03	4	.97	.04	.05	1
9+50E 9+00N	1	18	7	8	.1	3	1	27	.32	2	5	ND	1	72	1	2	2	8	.74	.063	12	4	.08	44	.03	4	.95	.04	.02	1
9+50E 8+50N	1	25	6	46	.1	7	5	905	.91	9	5	ND	1	18	1	2	2	17	.15	.035	3	9	.10	78	.04	3	.54	.03	.04	1
9+50E 8+25N	2	40	25	170	.5	10	4	393	1.81	215	5	ND	1	11	1	10	2	23	.07	.044	4	13	.22	127	.06	5	1.01	.03	.06	1
9+50E 8+00N	1	14	15	206	.1	8	4	525	1.52	48	5	ND	3	19	1	3	2	27	.12	.044	17	11	.18	110	.06	2	1.17	.03	.06	1
9+50E 7+75N	1	15	9	114	.1	9	4	397	1.46	21	5	ND	4	20	1	2	2	24	.12	.077	11	11	.18	126	.06	4	1.25	.03	.06	1
9+50E 7+50N	1	18	8	121	.2	12	5	388	1.77	19	5	ND	4	24	1	2	2	31	.15	.082	11	14	.22	165	.07	2	1.55	.03	.07	1
9+50E 7+25N	1	28	8	88	.1	15	5	343	2.10	8	5	ND	6	31	1	2	2	34	.17	.072	17	19	.26	201	.08	2	2.18	.03	.08	1
9+50E 7+00N	1	24	9	107	.2	16	6	303	2.20	8	5	ND	7	31	1	2	2	39	.16	.108	20	19	.28	164	.08	2	1.83	.03	.08	1
9+50E 6+75N	1	16	7	75	.1	11	4	204	1.67	7	5	ND	5	27	1	2	2	27	.14	.062	10	13	.18	115	.07	2	1.67	.03	.07	1
9+50E 6+50N	1	14	8	114	.2	12	5	485	1.60	8	5	ND	5	24	1	2	2	32	.13	.105	11	16	.22	163	.07	5	1.53	.03	.08	1
9+50E 6+25N	1	23	8	86	.1	12	5	348	2.06	10	5	ND	6	26	1	2	2	38	.13	.064	18	18	.26	180	.08	4	1.70	.02	.07	1
9+50E 6+00N	1	18	4	30	.1	9	4	262	1.37	12	5	ND	3	31	1	2	2	24	.45	.011	10	10	.16	68	.06	2	1.15	.04	.06	2
STD C	18	58	38	132	7.1	68	29	1132	4.08	37	17	8	39	50	18	17	18	55	.45	.085	38	60	.85	180	.06	32	1.88	.04	.13	11



SUKOCHOFF PROJECT-ABBEEX L. FILE # 87-5500

SAMPLE#	NO	CU	PB	ZK	AG	MI	CD	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MS	BA	TI	B	AL	NA	K	W
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	I	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	I	I	I	I	I	I	I	I	I	I	I
9+50E 5+75N	1	15	9	51	.1	10	4	125	1.67	10	5	ND	3	38	1	2	2	25	.35	.012	13	12	.17	74	.07	4	1.76	.03	.05	1
9+50E 5+50N	1	17	8	80	.1	11	5	399	1.90	11	5	ND	4	23	1	2	2	35	.14	.108	12	15	.20	110	.08	4	1.88	.03	.06	1
9+50E 5+25N	1	17	7	76	.1	9	4	556	1.52	13	5	ND	3	20	1	2	2	25	.14	.165	8	10	.16	134	.08	4	1.94	.03	.05	1
9+50E 5+00N	1	21	5	88	.2	12	4	347	1.67	23	5	ND	4	29	1	2	2	26	.24	.052	18	13	.19	120	.08	3	2.09	.03	.06	1
9+50E 4+50N	2	34	3	159	.1	27	9	979	1.91	38	5	ND	1	23	1	2	2	33	.17	.117	10	17	.27	202	.07	4	1.67	.03	.09	1
9+50E 4+00N	1	43	23	119	.1	25	11	1003	2.88	94	5	ND	2	21	1	3	2	52	.18	.085	15	28	.42	146	.09	8	2.10	.02	.07	1
9+50E 3+75N	1	30	9	60	.1	14	7	323	1.96	13	5	ND	2	16	1	2	2	41	.10	.020	8	17	.30	105	.07	3	1.79	.02	.05	1
9+50E 3+50N	1	17	8	44	.1	10	4	256	1.59	4	5	ND	3	28	1	3	2	32	.16	.021	9	12	.20	133	.06	6	1.33	.02	.06	2
9+50E 3+25N	1	17	5	89	.1	9	4	406	1.42	7	5	ND	3	28	1	2	2	27	.19	.071	11	11	.17	133	.06	5	1.41	.02	.06	1
9+50E 3+00N	1	24	5	71	.1	10	5	294	1.95	11	5	ND	5	29	1	2	2	39	.21	.059	23	17	.24	140	.07	6	1.46	.02	.07	1
9+50E 2+75N	1	17	6	110	.1	11	7	861	2.08	7	5	ND	2	25	1	2	2	38	.20	.110	13	20	.29	162	.07	5	1.62	.02	.06	1
9+50E 2+50N	1	20	8	64	.1	10	5	546	1.83	8	5	ND	4	24	1	2	2	35	.20	.113	18	17	.22	242	.07	4	1.68	.02	.07	1
9+50E 2+25N	1	41	6	146	.1	17	10	2152	2.18	8	5	ND	1	29	1	2	2	37	.36	.165	7	49	.39	247	.06	8	1.53	.03	.07	1
9+50E 2+00N	1	42	7	78	.1	17	9	1291	2.36	10	5	ND	3	32	1	2	2	43	.33	.070	18	24	.40	273	.07	4	1.95	.02	.15	1
9+50E 1+75N	1	35	9	90	.1	10	6	1197	2.34	5	5	ND	1	23	1	2	2	42	.60	.067	14	15	.36	240	.07	5	2.13	.03	.13	1
9+50E 1+50N	1	42	13	116	.1	48	18	694	3.95	20	5	ND	3	20	1	2	4	78	.22	.104	11	151	1.29	140	.14	6	4.14	.02	.11	1
9+50E 1+25N	1	31	15	89	.1	22	10	1269	2.30	17	5	ND	1	24	1	2	3	41	.26	.091	11	41	.54	191	.07	4	2.03	.02	.09	1
9+50E 1+00N	1	37	12	100	.2	12	7	1381	1.56	7	5	ND	2	48	1	2	2	35	1.04	.031	27	20	.25	203	.06	8	1.73	.04	.06	1
9+50E 0+50N	1	24	10	64	.1	13	6	634	1.75	4	5	ND	3	25	1	2	2	23	.21	.093	14	17	.25	187	.07	5	1.74	.02	.08	1
9+50E 0+00N	1	26	8	52	.1	13	6	824	2.06	2	5	ND	4	23	1	2	2	43	.23	.024	16	22	.31	177	.08	4	1.78	.02	.08	2
9+75E 8+50N	1	18	9	78	.1	9	4	490	1.72	10	5	ND	4	17	1	2	2	27	.11	.146	12	12	.16	124	.09	6	2.54	.03	.05	1
9+75E 8+00N	1	12	5	87	.1	7	4	846	1.51	10	5	ND	4	15	1	2	2	26	.10	.117	9	10	.15	134	.07	2	1.59	.02	.05	1
9+75E 7+75N	1	15	5	77	.1	9	4	684	1.48	7	5	ND	3	20	1	2	2	27	.11	.051	9	12	.19	152	.06	3	1.25	.02	.04	1
9+75E 7+50N	1	20	10	92	.1	13	5	759	1.55	20	5	ND	3	26	1	3	2	27	.15	.057	9	14	.24	184	.06	3	1.50	.03	.06	1
9+75E 7+25N	1	15	7	108	.1	14	4	447	1.61	11	5	ND	4	28	1	2	2	26	.15	.160	12	13	.21	188	.07	3	1.53	.02	.07	1
9+75E 7+00N	1	16	7	104	.1	12	5	487	1.73	12	5	ND	3	27	1	2	2	31	.15	.060	23	15	.22	164	.07	3	1.46	.02	.07	1
9+75E 6+75N	1	18	11	101	.1	11	4	278	1.93	15	5	ND	4	35	1	2	2	34	.18	.105	14	15	.24	159	.07	2	1.45	.02	.07	1
9+75E 6+50N	1	9	2	56	.1	4	3	627	1.01	8	5	ND	2	17	1	2	2	20	.12	.073	7	6	.10	117	.05	2	.75	.03	.05	1
9+75E 6+25N	1	13	6	46	.1	6	4	505	1.01	10	5	ND	1	17	1	2	2	19	.14	.079	6	8	.15	116	.05	3	.83	.03	.05	1
9+75E 6+00N	1	28	6	128	.1	19	8	1038	1.84	10	5	ND	2	28	1	2	2	31	.22	.124	7	23	.39	388	.08	6	1.59	.03	.08	1
9+75E 5+75N	1	34	3	46	.1	12	3	356	1.15	13	5	ND	2	28	1	2	2	21	.45	.022	39	9	.14	82	.05	3	1.05	.05	.04	1
9+75E 5+50N	1	16	5	97	.1	11	5	418	1.63	16	5	ND	3	29	1	2	2	28	.17	.112	9	12	.19	153	.06	3	1.49	.02	.05	1
9+75E 5+25N	1	20	3	64	.2	13	5	283	2.00	7	5	ND	5	25	1	2	2	38	.13	.062	15	16	.24	117	.08	4	1.87	.02	.05	1
9+75E 5+00N	1	16	4	78	.1	10	4	430	1.45	9	5	ND	2	19	1	2	2	26	.11	.089	8	10	.17	123	.06	4	1.44	.02	.05	1
9+75E 4+00N	1	23	13	89	.3	14	6	760	1.68	20	5	ND	4	22	1	2	2	30	.16	.073	10	15	.24	214	.08	4	2.00	.03	.07	1
9+75E 3+75N	1	48	4	65	.2	15	9	316	2.64	28	5	ND	5	15	1	2	2	50	.08	.124	12	21	.37	72	.11	5	2.99	.02	.06	1
STD C	18	59	36	132	7.1	66	29	1125	4.04	41	14	8	37	51	18	18	18	55	.45	.084	39	59	.84	180	.06	36	1.86	.06	.13	12

SAMPLER	NO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MX PPM	FE PPM	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CO PPM	SB PPM	BI PPM	V PPM	CA PPM	P PPM	LA PPM	CR PPM	MG PPM	BA PPM	TI PPM	B PPM	AL PPM	NA PPM	K PPM	W PPM
9+7SE 3+50N	1	25	4	69	.1	14	7	382	1.94	8	5	ND	4	23	1	2	2	39	.15	.032	13	16	.26	127	.08	2	1.85	.03	.04	1
9+7SE 3+25N	1	17	7	108	.2	12	5	788	1.65	9	5	ND	3	23	1	2	2	30	.17	.115	9	12	.20	148	.07	2	1.70	.03	.04	1
9+7SE 3+00N	1	17	7	74	.1	12	5	327	1.78	15	5	ND	4	23	1	2	2	37	.18	.082	15	15	.22	133	.07	2	1.46	.02	.07	1
9+7SE 2+75N	1	22	8	48	.1	12	5	281	1.88	11	5	ND	5	24	1	2	2	36	.18	.058	24	16	.22	132	.08	2	1.82	.03	.07	1
9+7SE 2+50N	1	17	6	77	.1	10	5	320	1.84	8	5	ND	6	25	1	2	2	35	.21	.105	14	15	.22	153	.08	3	1.69	.03	.08	1
9+7SE 2+25N	1	32	14	65	.1	18	7	382	2.41	6	5	ND	6	25	1	2	2	45	.29	.018	38	24	.36	205	.09	2	2.49	.03	.08	1
9+7SE 2+00N	1	31	4	65	.1	17	7	626	2.05	13	5	ND	3	19	1	2	4	36	.18	.080	15	22	.35	174	.08	2	2.25	.03	.09	1
9+7SE 1+75N	1	23	9	63	.2	12	4	346	1.78	10	5	ND	4	30	1	4	2	29	.38	.014	32	15	.24	137	.07	5	1.92	.04	.10	1
9+7SE 1+50N	2	43	10	175	.1	38	14	1743	2.72	10	5	ND	1	37	1	2	4	48	.46	.115	12	91	.58	313	.08	2	2.29	.03	.11	1
9+7SE 1+25N	1	24	11	95	.1	15	6	545	2.05	33	5	ND	5	20	1	2	4	38	.19	.084	16	24	.27	147	.09	2	2.28	.02	.06	1
9+7SE 1+00N	1	56	8	47	.3	12	4	145	1.33	5	5	ND	1	48	1	2	2	21	.88	.043	40	12	.18	195	.07	3	2.13	.05	.05	2
10+00E 15+00N	1	15	6	57	.1	12	5	242	2.00	2	5	ND	6	35	1	2	2	35	.27	.017	16	18	.29	103	.08	2	1.83	.03	.09	1
10+00E 14+50N	1	17	9	57	.1	11	4	196	2.02	3	5	ND	6	35	1	2	2	39	.17	.114	14	17	.24	125	.08	2	1.76	.02	.07	1
10+00E 14+00N	1	14	6	87	.1	10	4	352	1.86	2	5	ND	4	30	1	2	2	38	.14	.115	11	15	.19	98	.07	2	1.53	.02	.05	1
10+00E 13+50N	8	19	5	45	.2	3	1	645	.16	2	7	ND	1	345	1	2	3	28	4.94	.051	3	3	.19	88	.01	13	.14	.02	.04	3
10+00E 13+00N	4	44	2	9	.2	5	1	88	.44	2	5	ND	1	275	1	2	2	32	4.25	.074	13	2	.15	85	.01	9	.35	.02	.01	2
10+00E 12+50N	1	40	12	38	.2	13	5	177	1.98	2	5	ND	5	69	1	2	3	35	.64	.027	43	16	.28	118	.08	2	2.12	.04	.08	1
10+00E 12+00N	1	15	8	40	.1	14	5	168	2.24	2	5	ND	7	48	1	2	2	47	.30	.028	24	22	.33	92	.10	2	1.38	.03	.08	1
10+00E 11+50N	1	18	10	47	.1	12	5	193	1.93	2	5	ND	5	41	1	2	2	29	.31	.031	13	14	.21	148	.09	3	2.50	.03	.08	2
10+00E 11+00N	1	19	10	32	.4	12	5	197	2.03	2	6	ND	6	46	1	2	2	29	.30	.016	24	17	.25	132	.09	2	2.71	.04	.10	1
10+00E 10+50N	1	11	3	22	.1	9	3	127	1.18	2	6	ND	3	21	1	2	3	23	.13	.012	8	13	.16	60	.04	2	1.05	.03	.05	2
10+00E 10+00N	1	14	8	33	.1	9	4	120	1.92	3	5	ND	4	38	1	2	2	34	.14	.059	14	15	.18	112	.04	2	1.78	.02	.05	1
10+00E 9+50N	1	14	5	34	.1	14	5	116	2.10	2	5	ND	5	30	1	2	3	32	.18	.041	17	15	.20	112	.09	5	2.62	.03	.06	2
10+00E 9+00N	1	18	11	53	.1	12	5	146	1.98	2	5	ND	6	58	1	2	2	30	.24	.030	16	15	.22	114	.09	2	2.50	.03	.08	1
10+00E 8+50N	1	14	6	81	.1	12	4	324	1.91	6	5	ND	4	27	1	2	2	33	.14	.132	14	15	.21	161	.08	2	1.94	.02	.07	1
10+00E 8+25N	1	17	11	89	.1	14	5	478	1.70	10	5	ND	5	26	1	2	2	30	.14	.093	12	13	.22	160	.07	2	1.75	.02	.06	1
10+00E 8+00N	2	27	12	118	.1	15	10	1728	2.24	23	5	ND	1	35	1	2	2	35	.24	.113	6	12	.25	274	.05	2	1.29	.03	.07	1
10+00E 7+75N	2	30	12	170	.3	14	9	1358	2.00	185	5	ND	1	21	1	2	2	34	.16	.072	7	13	.25	131	.04	11	1.38	.03	.05	1
10+00E 7+50N	2	41	16	126	.1	29	14	2291	2.72	132	5	ND	1	33	1	11	2	45	.29	.093	9	25	.42	284	.09	9	1.81	.03	.08	1
10+00E 7+25N	1	14	6	40	.1	9	4	226	1.51	28	5	ND	2	28	1	3	2	29	.16	.023	8	14	.20	95	.06	2	.91	.02	.07	2
10+00E 7+00N	1	17	7	71	.1	11	5	538	1.73	7	5	ND	3	39	1	2	2	33	.20	.066	13	17	.23	140	.04	4	1.23	.02	.07	1
10+00E 6+75N	1	18	8	82	.1	13	5	939	1.67	17	5	ND	1	34	1	2	2	29	.21	.097	9	12	.21	146	.06	2	1.44	.03	.07	1
10+00E 6+50N	1	14	4	61	.1	11	4	540	1.73	6	5	ND	3	35	1	2	2	35	.17	.038	13	15	.20	127	.04	2	.96	.02	.09	1
10+00E 6+25N	1	42	5	119	.1	21	12	1893	2.24	16	5	ND	1	33	1	2	2	42	.40	.050	11	23	.43	230	.09	2	1.90	.03	.13	1
10+00E 6+00N	1	26	5	65	.1	26	8	549	2.26	6	5	ND	2	25	1	2	2	49	.30	.023	8	38	.63	152	.11	2	1.60	.03	.23	1
10+00E 5+75N	1	19	7	119	.1	15	5	532	1.83	18	5	ND	4	26	1	2	2	31	.15	.150	11	19	.29	167	.08	4	1.94	.03	.08	1
STD C	18	57	39	132	6.9	68	28	1037	4.00	42	17	7	38	50	17	18	20	55	.45	.084	37	59	.84	176	.04	35	1.84	.06	.13	12

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SAMPLE#	NO PPM	CU PPM	PB PPM	ZH PPM	AE PPM	NI PPM	CO PPM	MN PPM	FE PPM	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA PPM	P PPM	LA PPM	CR PPM	M6 PPM	BA PPM	TI PPM	B PPM	AL PPM	NA PPM	K PPM	W PPM
10+00E 5+50N	1	19	7	60	.1	11	5	318	1.84	11	5	ND	5	28	1	2	2	34	.19	.041	22	15	.21	112	.07	4	1.58	.03	.09	1
10+00E 5+25N	1	17	9	80	.1	13	5	370	1.74	6	5	ND	3	18	1	2	2	32	.12	.047	9	15	.24	143	.07	3	1.65	.02	.06	1
10+00E 5+00N	1	17	8	82	.1	15	5	362	1.80	8	5	ND	3	20	1	2	2	32	.13	.104	8	16	.25	184	.07	4	1.69	.02	.06	1
10+00E 4+50N	1	14	6	72	.1	10	4	232	1.73	21	5	ND	4	19	1	2	2	32	.17	.073	11	12	.15	103	.08	4	1.74	.03	.05	1
10+00E 4+00N	1	27	3	81	.1	9	9	841	1.28	12	5	ND	1	18	1	2	2	22	.17	.141	4	11	.15	155	.06	3	1.09	.03	.04	1
10+00E 3+75N	1	38	9	83	.2	20	8	442	2.00	17	5	ND	4	18	1	2	2	37	.15	.045	10	14	.26	155	.09	4	2.34	.03	.07	1
10+00E 3+50N	1	27	3	125	.1	12	9	417	2.09	40	5	ND	3	21	1	2	2	37	.18	.125	6	11	.23	129	.09	4	2.22	.03	.06	1
10+00E 3+25N	1	20	6	69	.1	14	6	375	1.98	13	5	ND	5	18	1	2	2	39	.15	.068	10	19	.25	151	.08	4	1.81	.02	.06	1
10+00E 3+00N	1	24	7	54	.1	12	5	269	1.73	12	5	ND	4	24	1	2	3	34	.18	.074	13	13	.21	128	.06	2	1.51	.02	.06	1
10+00E 2+75N	1	19	7	97	.1	14	5	506	1.67	10	5	ND	4	19	1	3	3	29	.15	.130	11	15	.24	217	.07	3	1.74	.02	.09	1
10+00E 2+50N	1	39	11	134	.1	24	10	875	2.25	9	5	ND	3	23	1	2	2	40	.24	.080	10	32	.52	372	.07	8	2.51	.03	.18	1
10+00E 2+25N	1	40	5	85	.1	16	9	1179	2.02	6	5	ND	1	23	1	2	2	39	.37	.077	9	19	.42	341	.07	6	1.65	.03	.11	1
10+00E 2+00N	1	74	22	337	.1	57	26	2337	4.12	45	5	ND	3	21	1	2	4	67	.30	.057	20	76	1.13	381	.07	6	3.47	.02	.18	1
10+00E 1+75N	1	32	8	61	.1	16	6	272	2.12	7	5	ND	5	23	1	2	2	41	.19	.025	23	27	.33	352	.07	5	1.61	.02	.13	1
10+00E 1+50N	1	20	4	81	.1	13	4	433	1.53	5	5	ND	4	24	1	2	2	24	.18	.046	15	16	.19	200	.07	3	1.77	.03	.09	1
10+00E 1+25N	1	19	11	100	.1	17	7	750	1.92	11	5	ND	3	25	1	2	2	34	.19	.138	11	40	.36	252	.06	4	1.61	.02	.08	1
10+00E 1+00N	1	49	12	24	.2	9	3	96	1.06	2	5	ND	2	39	1	2	2	14	.69	.030	22	10	.14	172	.06	4	1.76	.05	.05	2
10+00E 0+50N	1	25	9	61	.1	14	5	460	1.75	6	5	ND	4	23	1	2	2	30	.18	.149	15	15	.22	156	.08	5	2.10	.03	.08	1
10+00E 0+00N	1	26	11	62	.1	18	7	537	2.38	3	5	ND	3	31	1	2	2	48	.27	.045	18	26	.37	185	.08	4	2.05	.02	.08	1
10+25E 8+50N	1	14	7	108	.1	9	4	268	1.56	20	5	ND	4	20	1	2	2	29	.10	.044	10	13	.18	127	.07	5	1.63	.03	.05	1
10+25E 8+25N	1	25	9	116	.1	15	7	924	1.91	24	5	ND	2	21	1	2	2	29	.13	.093	6	12	.23	207	.08	4	1.79	.03	.06	1
10+25E 8+00N	3	43	14	118	.1	22	10	1771	2.88	248	5	ND	3	35	1	2	3	44	.28	.110	12	20	.38	285	.09	5	2.44	.03	.09	1
10+25E 7+75N	2	45	18	98	.2	19	12	1771	2.77	205	5	ND	1	28	1	2	2	46	.21	.071	9	20	.34	200	.09	2	1.90	.03	.07	1
10+25E 7+50N	1	45	6	110	.1	22	14	1738	2.88	39	5	ND	1	30	1	2	4	51	.28	.054	5	29	.64	268	.10	4	1.84	.04	.07	1
10+25E 7+25N	1	17	4	54	.1	10	4	420	1.59	44	5	ND	3	32	1	2	2	28	.21	.030	10	12	.20	118	.06	4	1.09	.02	.10	1
10+25E 7+00N	1	21	11	83	.1	8	5	1375	1.39	6	5	ND	3	54	1	2	2	24	.37	.120	10	11	.19	262	.06	5	1.14	.03	.10	1
10+25E 6+75N	1	31	10	100	.1	20	8	1031	2.22	33	5	ND	3	39	1	2	3	39	.26	.074	16	18	.29	168	.08	3	1.88	.02	.10	1
10+25E 6+50N	1	15	8	53	.1	11	5	696	1.63	4	5	ND	2	46	1	2	2	32	.26	.042	14	14	.20	119	.06	5	1.03	.02	.12	1
10+25E 6+25N	1	101	11	147	.1	51	22	1724	3.96	21	5	ND	3	30	1	2	2	89	.45	.044	9	76	1.31	370	.20	5	3.23	.04	.48	1
10+25E 6+00N	1	38	6	115	.1	29	11	955	2.62	9	5	ND	3	27	1	2	2	51	.34	.036	8	39	.68	229	.12	5	2.15	.04	.14	1
10+25E 5+75N	1	15	4	54	.1	15	5	790	1.57	23	5	ND	3	24	1	2	2	23	.30	.018	21	33	.19	113	.07	7	1.55	.04	.06	1
10+25E 5+50N	1	13	4	64	.1	7	3	429	1.22	3	5	ND	2	14	1	2	4	23	.10	.078	7	9	.13	114	.05	3	.98	.03	.05	1
10+25E 5+25N	1	16	2	81	.1	9	4	442	1.51	7	5	ND	3	20	1	2	3	28	.12	.081	10	12	.19	167	.06	3	1.32	.02	.05	1
10+25E 5+00N	1	15	3	85	.1	14	5	511	1.60	9	5	ND	3	17	1	2	4	29	.10	.086	9	13	.21	150	.07	4	1.53	.02	.05	1
10+25E 4+00N	1	24	7	123	.1	17	6	341	1.70	13	5	ND	4	20	1	2	2	28	.19	.060	9	16	.23	133	.08	5	1.99	.03	.07	1
10+25E 3+75N	1	32	10	74	.2	15	7	342	1.75	16	5	ND	3	19	1	2	2	29	.14	.083	11	14	.22	157	.09	5	2.50	.03	.06	1
STD C	18	59	41	134	7.3	67	29	1091	4.12	45	17	8	40	52	18	16	20	54	.46	.085	38	62	.86	184	.06	37	1.92	.06	.14	11



SAMPLE#	NO	CU	PB	ZN	AS	FE	MN	CO	NI	MI	CO	HN	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	HE	BA	TI	B	AL	MA	K	N
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
10+50E 5+50N	1	13	3	69	.3	8	4	327	1.73	7	5	ND	4	27	1	2	2	2	2	34	.17	.126	13	13	.19	120	.07	3	1.32	.03	.05	1	
10+50E 5+25N	1	14	7	58	.1	12	5	421	1.94	6	5	ND	4	25	1	2	2	2	2	38	.16	.058	11	16	.21	154	.08	5	1.64	.03	.07	1	
10+50E 5+00N	1	11	6	100	.1	12	5	594	1.88	15	5	ND	3	24	1	2	2	2	2	35	.16	.044	10	15	.24	163	.08	2	1.70	.02	.07	1	
10+50E 4+50N	1	15	7	87	.2	14	5	337	1.92	11	5	ND	5	28	1	2	2	2	2	37	.16	.081	13	17	.21	151	.07	3	1.63	.03	.07	1	
10+50E 4+00N	1	25	6	98	.2	15	7	446	1.89	14	5	ND	3	25	1	2	2	2	2	32	.24	.107	11	18	.25	168	.09	3	2.02	.03	.07	1	
10+50E 3+75N	1	19	2	58	.1	7	7	304	1.72	4	5	ND	1	12	1	2	2	2	2	32	.13	.056	4	10	.31	62	.10	3	1.14	.03	.03	1	
10+50E 3+50N	1	27	8	59	.1	12	7	412	2.29	10	5	ND	3	17	1	2	2	2	2	40	.17	.087	9	17	.29	137	.11	2	2.52	.03	.06	1	
10+50E 3+25N	1	29	6	102	.2	17	7	292	2.01	20	5	ND	4	21	1	2	2	2	2	37	.17	.041	14	23	.30	206	.08	5	2.10	.03	.09	1	
10+50E 3+00N	1	34	16	162	.1	15	8	452	2.20	154	5	ND	4	22	1	2	2	2	2	39	.16	.091	14	19	.29	181	.09	2	2.33	.03	.09	1	
10+50E 2+75N	1	33	6	125	.1	9	8	1220	1.95	15	5	ND	1	27	1	2	2	2	2	34	.25	.122	8	14	.25	237	.06	6	1.30	.03	.05	1	
10+50E 2+50N	1	24	6	97	.1	5	5	2792	1.06	3	5	ND	1	16	1	2	2	2	2	21	.19	.058	4	5	.11	180	.03	5	.72	.04	.05	1	
10+50E 2+25N	1	41	8	64	.1	21	9	477	2.94	7	5	ND	4	20	1	2	2	2	2	59	.19	.067	13	45	.62	144	.11	2	2.82	.02	.07	1	
10+50E 2+00N	1	61	8	93	.3	26	11	559	3.02	15	5	ND	3	24	1	2	2	2	2	54	.18	.050	15	38	.74	217	.10	3	2.97	.02	.13	1	
10+50E 1+75N	1	18	9	53	.1	12	6	545	1.71	6	5	ND	1	18	1	2	2	2	2	32	.19	.035	8	20	.31	173	.06	6	1.52	.03	.10	1	
10+50E 1+50N	1	28	8	56	.1	14	5	468	1.89	6	5	ND	3	24	1	2	2	2	2	35	.18	.048	15	23	.30	161	.08	5	1.82	.03	.08	1	
10+50E 1+25N	1	32	2	79	.1	10	7	848	1.78	12	5	ND	1	28	1	2	2	2	2	40	.36	.123	5	100	.64	293	.07	4	1.55	.03	.06	1	
10+50E 1+00N	1	52	11	74	.1	44	12	774	3.16	4	5	ND	3	25	1	2	2	2	2	59	.34	.052	16	123	.87	259	.11	4	3.18	.02	.13	1	
10+75E 0+50N	1	41	9	74	.3	18	10	817	2.11	11	5	ND	3	28	1	2	2	2	2	41	.33	.142	14	24	.37	221	.08	5	2.45	.04	.08	1	
10+50E 0+00N	1	73	8	72	.1	18	10	1382	2.36	4	5	ND	2	30	1	2	2	2	2	49	.49	.066	9	27	.46	190	.08	4	1.93	.03	.08	1	
10+75E 4+00N	1	15	2	72	.1	12	5	395	1.82	55	5	ND	3	26	1	2	2	2	2	32	.31	.043	12	15	.20	134	.07	5	1.48	.03	.07	1	
10+75E 3+75N	1	23	6	102	.1	10	7	848	1.78	12	5	ND	2	25	1	2	2	2	2	28	.20	.172	7	13	.24	229	.08	2	1.77	.03	.08	1	
10+75E 3+50N	1	17	2	75	.1	12	6	434	1.87	11	5	ND	2	25	1	2	2	2	2	34	.17	.075	11	17	.24	166	.07	4	1.59	.02	.07	1	
10+75E 3+25N	1	15	5	91	.1	13	6	446	1.78	23	5	ND	3	23	1	2	2	2	2	29	.16	.103	11	15	.23	195	.08	9	1.98	.03	.08	1	
10+75E 3+00N	1	43	2	93	.1	10	4	555	1.16	14	5	ND	1	26	1	2	2	2	2	21	.42	.018	15	10	.15	103	.05	2	1.19	.05	.05	1	
10+75E 2+75N	1	20	4	104	.1	11	5	518	1.57	14	5	ND	2	20	1	2	2	2	2	28	.16	.072	7	14	.22	174	.04	2	1.43	.03	.04	1	
10+75E 2+50N	1	31	8	66	.1	15	7	682	2.09	6	5	ND	2	19	1	2	2	2	2	39	.19	.096	11	22	.41	186	.07	4	1.78	.03	.12	1	
10+75E 2+25N	1	120	10	105	.1	52	26	903	5.78	7	5	ND	3	23	1	2	2	2	2	104	.29	.050	7	97	2.80	289	.13	5	4.46	.02	.35	1	
10+75E 2+00N	1	48	4	83	.1	22	9	474	2.86	15	5	ND	3	20	1	2	2	2	2	51	.18	.044	14	30	.59	274	.09	8	2.67	.02	.18	1	
10+75E 1+75N	1	15	6	55	.2	12	5	394	1.54	10	5	ND	1	23	1	2	2	2	2	28	.17	.069	9	15	.25	141	.06	2	1.44	.03	.07	1	
10+75E 1+50N	1	15	4	66	.1	13	5	673	1.51	5	5	ND	2	22	1	2	2	2	2	28	.16	.085	8	23	.27	138	.04	6	1.46	.03	.09	1	
10+75E 1+25N	1	27	6	67	.1	36	13	898	2.29	8	5	ND	2	21	1	2	2	2	2	47	.30	.059	5	116	.69	144	.09	2	1.73	.03	.07	1	
10+75E 1+00N	1	28	12	67	.1	32	10	867	2.30	5	5	ND	2	20	1	2	2	2	2	43	.27	.075	7	95	.67	200	.09	6	1.94	.02	.08	1	
11+00E 15+00N	1	16	8	132	.1	14	7	607	2.18	2	5	ND	3	39	1	2	2	2	2	40	.19	.100	12	23	.32	129	.07	7	1.42	.03	.08	1	
11+00E 14+50N	2	97	12	107	.5	39	9	949	2.78	7	5	ND	2	73	1	2	2	2	2	44	.58	.046	40	38	.46	234	.08	5	2.08	.03	.19	1	
11+00E 14+00N	1	17	3	68	.1	11	4	328	1.73	2	5	ND	3	23	1	2	2	2	2	29	.12	.156	11	15	.20	137	.08	3	2.12	.03	.06	1	
11+00E 13+50N	1	16	6	84	.2	11	5	411	1.78	4	5	ND	2	24	1	2	2	2	2	34	.14	.139	9	17	.23	130	.06	3	1.28	.03	.06	1	
STD C	19	59	39	129	7.3	67	29	1040	4.11	41	19	7	38	52	18	18	18	18	17	56	.46	.083	38	61	.84	174	.07	33	1.91	.06	.14	13	

SAMPLE

SAMPLE	NO PPK	CU PPK	PB PPK	ZN PPK	AG PPK	NI PPK	CO PPK	MX PPK	FE PPK	AS PPK	U PPK	AU PPK	TH PPK	SR PPK	CD PPK	SB PPK	BI PPK	V PPK	CA PPK	LA PPK	CR PPK	MG PPK	BA PPK	TI PPK	B PPK	RL PPK	NA PPK	K PPK	M PPK	
11+00E 13+00N	1	22	13	192	.1	27	7	426	2.38	4	5	ND	4	27	1	2	2	41	.14	.148	12	22	.32	215	.08	7	2.11	.02	.08	1
11+00E 12+50N	1	22	8	222	.1	26	7	329	2.45	5	5	ND	4	30	1	2	2	44	.19	.071	13	24	.38	201	.07	5	2.10	.02	.07	1
11+00E 12+00N	1	24	8	150	.1	27	7	572	2.03	19	5	ND	3	32	1	2	2	37	.19	.057	13	23	.32	207	.07	4	1.87	.03	.07	1
11+00E 11+50N	2	37	9	135	.1	29	8	463	2.43	28	5	ND	4	41	1	2	2	42	.23	.181	20	25	.40	187	.08	10	2.27	.03	.12	1
11+00E 11+00N	1	16	6	92	.1	13	5	541	2.07	5	5	ND	5	30	1	2	2	37	.18	.158	15	19	.27	226	.07	4	1.54	.02	.08	1
11+00E 10+50N	1	14	9	98	.1	8	4	347	1.50	6	5	ND	3	16	1	2	2	25	.13	.106	11	10	.19	135	.07	4	.94	.03	.07	1
11+00E 10+00N	1	11	3	88	.1	9	4	352	1.45	3	5	ND	2	29	1	2	2	27	.15	.166	10	12	.19	154	.07	4	1.70	.03	.05	1
11+00E 9+50N	1	67	5	15	.3	9	2	44	.81	2	5	ND	1	126	1	2	2	17	1.41	.058	33	6	.13	183	.04	5	1.34	.04	.03	1
11+00E 9+00N	1	14	10	35	.1	10	5	168	1.59	3	5	ND	3	41	1	2	2	25	.31	.014	21	11	.16	117	.08	7	1.76	.03	.06	1
11+00E 8+50N	1	12	2	60	.1	8	4	300	1.80	5	5	ND	3	24	1	2	3	32	.22	.052	10	14	.22	77	.09	4	1.74	.03	.06	1
11+00E 8+00N	1	15	5	60	.1	5	3	458	1.29	6	5	ND	1	19	1	2	2	25	.14	.054	6	9	.15	83	.06	4	1.08	.03	.04	1
11+00E 7+50N	1	13	12	123	.2	9	7	2114	1.72	23	5	ND	1	55	1	2	2	27	.34	.159	15	10	.20	298	.09	6	1.42	.03	.10	1
11+00E 7+00N	1	14	7	52	.1	11	6	679	1.45	22	5	ND	1	27	1	2	2	30	.15	.035	9	13	.24	141	.07	5	1.51	.02	.06	1
11+00E 6+50N	1	23	5	49	.1	10	6	749	1.77	12	5	ND	1	15	1	2	2	33	.14	.046	10	12	.24	89	.08	4	1.51	.02	.06	2
11+00E 6+00N	1	15	6	71	.1	14	5	270	1.85	10	5	ND	3	27	1	2	2	33	.15	.065	9	15	.23	164	.08	4	1.78	.03	.07	1
11+00E 5+50N	1	14	2	77	.1	13	5	318	1.81	10	5	ND	2	24	1	2	2	31	.13	.077	8	15	.22	176	.08	3	1.80	.03	.07	1
11+00E 5+00N	1	15	4	82	.1	8	4	503	1.50	5	5	ND	3	26	1	2	2	27	.23	.120	10	10	.16	124	.06	4	1.29	.03	.06	1
11+00E 4+50N	1	17	11	76	.1	16	6	309	2.14	7	5	ND	4	34	1	2	2	38	.17	.105	15	20	.31	183	.08	5	1.95	.02	.10	1
11+00E 4+00N	1	12	5	54	.1	9	5	305	1.93	5	5	ND	3	35	1	3	2	39	.18	.034	12	18	.26	142	.07	6	1.24	.02	.08	1
11+00E 3+75N	1	12	7	79	.1	11	5	336	1.80	7	5	ND	3	34	1	2	2	34	.18	.094	12	15	.21	162	.07	4	1.46	.03	.08	1
11+00E 3+50N	1	54	11	148	.4	21	7	593	2.79	271	5	ND	5	48	1	2	2	41	.49	.021	57	30	.40	234	.08	5	3.05	.03	.16	1
11+00E 3+25N	1	17	4	69	.1	10	5	199	1.68	46	5	ND	3	24	1	2	2	29	.30	.014	11	14	.18	111	.07	2	1.47	.03	.06	1
11+00E 3+00N	1	19	8	140	.1	10	6	411	1.86	43	5	ND	2	28	1	2	2	31	.23	.105	12	15	.22	154	.08	4	2.03	.03	.07	1
11+00E 2+75N	1	21	7	128	.1	17	7	474	1.99	17	5	ND	2	24	1	2	2	34	.21	.093	12	17	.26	183	.08	5	1.96	.03	.07	1
11+00E 2+50N	1	37	6	80	.1	15	6	596	1.83	6	5	ND	2	31	1	2	2	30	.49	.015	32	17	.25	145	.07	4	1.84	.04	.07	1
11+00E 2+25N	1	39	10	81	.1	18	8	427	2.57	11	5	ND	3	23	1	2	2	49	.23	.020	13	27	.42	191	.08	4	1.89	.03	.09	1
11+00E 2+00N	1	24	11	64	.1	13	6	290	1.93	11	5	ND	2	27	1	2	2	34	.31	.044	13	20	.29	126	.07	5	1.84	.03	.07	1
11+00E 1+75N	1	19	8	84	.1	15	6	361	1.90	9	5	ND	2	22	1	2	4	31	.17	.081	7	18	.28	196	.08	6	2.01	.03	.09	1
11+00E 1+50N	1	23	6	78	.1	13	5	549	1.80	6	5	ND	2	30	1	2	2	32	.23	.148	12	21	.30	202	.06	4	1.57	.03	.10	1
11+00E 1+25N	1	25	3	74	.1	14	6	474	1.85	10	5	ND	2	23	1	2	2	33	.16	.103	11	23	.29	175	.07	6	1.78	.03	.06	1
11+00E 1+00N	1	28	2	48	.1	14	5	211	1.81	4	5	ND	3	24	1	2	2	29	.29	.014	26	25	.30	108	.08	4	2.26	.04	.06	1
11+00E 0+50N	1	21	7	108	.1	15	5	729	1.77	4	5	ND	3	27	1	2	2	31	.21	.134	12	28	.28	244	.06	5	1.43	.02	.09	1
11+00E 0+00N	1	68	8	70	.1	20	11	619	2.87	5	5	ND	2	22	1	2	2	36	.22	.078	8	28	.53	168	.08	6	2.85	.02	.07	1
11+25E 4+00N	1	14	6	51	.1	6	3	357	1.52	3	5	ND	2	28	1	2	2	28	.15	.080	12	12	.18	126	.07	4	1.45	.03	.07	1
11+25E 3+75N	1	15	9	61	.1	11	4	283	1.80	3	5	ND	4	29	1	2	2	33	.15	.087	16	16	.22	160	.07	5	1.67	.03	.07	1
11+25E 3+50N	1	12	7	56	.1	7	4	357	1.51	2	5	ND	3	26	1	2	4	28	.13	.089	10	13	.18	121	.06	3	1.18	.03	.06	1
STD C	19	58	39	132	7.2	68	29	1043	4.11	42	21	8	38	52	18	20	21	57	.47	.086	38	61	.86	178	.06	36	1.92	.06	.14	12

SOOKOCHOFF PROJECT-ABBEX L. FILE # 87-5520

SAMPLE	MO	CU	PP	ZN	AS	FE	MN	CO	NI	CD	SR	TH	SR	CD	SB	BI	V	CA	P	LA	CR	ME	BA	TI	B	AL	NA	K	M
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH
11+25E 3+25N	1	14	2	71	.2	1.69	7	5	ND	4	39	4	39	1	2	2	30	.21	.127	14	14	.22	189	.07	3	1.69	.03	.10	1
11+25E 3+00N	1	16	10	103	.1	1.93	11	5	ND	3	21	3	21	1	2	2	34	.14	.061	10	22	.28	156	.08	4	1.69	.02	.08	1
11+25E 2+75N	2	19	8	144	.2	2.09	18	5	ND	3	21	3	21	1	2	2	40	.15	.079	9	20	.28	177	.07	5	1.73	.02	.08	1
11+25E 2+50N	1	18	5	112	.2	1.87	12	5	ND	3	23	3	23	1	2	2	32	.17	.145	12	15	.23	237	.08	5	2.02	.03	.07	2
11+25E 2+25N	1	35	4	106	.2	1.75	10	5	ND	4	19	4	19	1	2	2	41	.20	.088	10	24	.43	235	.09	3	2.15	.03	.10	1
11+25E 2+00N	1	19	2	74	.1	1.92	8	5	ND	4	31	4	31	1	2	2	35	.23	.096	11	17	.27	199	.07	4	1.56	.03	.08	1
11+25E 1+75N	1	18	3	91	.2	1.59	6	5	ND	2	30	2	30	1	2	2	28	.25	.115	10	13	.20	180	.06	2	1.47	.03	.09	1
11+25E 1+50N	1	17	4	91	.1	1.80	8	5	ND	3	25	3	25	1	2	2	32	.17	.122	10	16	.24	183	.07	2	1.83	.03	.10	1
11+25E 1+25N	1	26	7	84	.1	1.94	9	5	ND	3	30	3	30	1	2	2	33	.20	.095	11	34	.39	223	.07	4	1.80	.03	.13	1
11+25E 1+00N	1	22	3	55	.2	1.66	6	5	ND	3	22	3	22	1	2	2	30	.18	.091	8	39	.38	152	.07	2	1.55	.03	.08	1
11+50E 15+00N	1	28	12	77	.3	2.38	5	5	ND	6	41	6	41	1	2	2	47	.21	.124	28	21	.29	124	.09	6	2.09	.03	.08	1
11+50E 14+50N	2	96	11	82	.6	3.17	11	5	ND	4	94	4	94	1	2	2	53	.70	.037	57	45	.53	188	.09	5	2.51	.03	.17	1
11+50E 14+00N	1	23	5	85	.2	2.12	2	5	ND	7	32	7	32	1	2	2	36	.18	.123	16	20	.28	142	.09	2	2.05	.03	.08	1
11+50E 13+50N	1	18	5	93	.2	1.87	3	5	ND	3	31	3	31	1	2	2	31	.19	.106	13	20	.26	194	.08	2	1.83	.03	.07	1
11+50E 13+00N	1	22	2	95	.1	2.41	2	5	ND	5	38	5	38	1	2	2	45	.21	.080	15	24	.38	199	.08	3	1.83	.02	.08	1
11+50E 12+50N	2	33	6	203	.2	1.90	6	5	ND	3	33	3	33	1	2	2	33	.22	.055	9	15	.27	238	.06	8	1.41	.03	.08	1
11+50E 12+00N	3	41	13	169	.4	2.34	24	5	ND	3	21	3	21	1	2	2	39	.15	.067	13	26	.37	167	.05	2	1.54	.02	.09	1
11+50E 11+50N	2	27	5	145	.4	2.21	7	5	ND	5	40	5	40	1	2	2	34	.21	.050	19	20	.30	178	.09	2	2.43	.03	.09	1
11+50E 11+00N	1	34	7	130	.4	2.35	14	5	ND	4	39	4	39	1	2	2	38	.23	.059	17	23	.36	188	.09	4	2.36	.03	.09	1
11+50E 10+50N	1	18	6	125	.1	1.35	9	5	ND	1	28	1	28	1	2	2	24	.17	.078	5	12	.19	156	.06	3	1.27	.03	.06	1
11+50E 10+00N	1	24	5	170	.2	2.03	12	5	ND	4	26	4	26	1	2	2	34	.18	.062	10	17	.25	148	.09	2	2.29	.03	.07	1
11+50E 9+50N	1	19	4	83	.1	1.46	7	5	ND	2	28	2	28	1	2	2	28	.20	.044	9	14	.18	154	.07	2	1.33	.03	.04	1
11+50E 9+00N	2	18	5	19	.2	1.24	2	5	ND	2	53	2	53	1	2	2	21	.54	.016	14	11	.12	63	.07	4	1.78	.04	.03	1
11+50E 8+50N	1	12	4	37	.1	1.89	2	5	ND	4	30	4	30	1	2	2	43	.17	.032	12	22	.24	77	.07	2	.79	.02	.06	1
11+50E 8+00N	1	12	7	122	.1	1.85	28	5	ND	4	20	4	20	1	2	2	35	.11	.064	10	17	.21	115	.07	3	1.46	.02	.06	1
11+50E 7+50N	1	21	4	99	.1	1.74	93	5	ND	2	31	2	31	1	2	2	30	.23	.038	11	15	.23	134	.06	3	1.44	.03	.09	1
11+50E 7+00N	1	23	15	130	.2	2.05	164	5	ND	4	34	4	34	1	2	2	33	.25	.046	14	21	.28	172	.07	5	1.68	.02	.09	1
11+50E 6+50N	3	18	3	12	.1	1.45	6	5	ND	1	157	1	157	1	2	2	7	3.12	.058	6	5	.10	67	.01	9	.26	.02	.02	1
11+50E 6+00N	2	12	3	5	.1	1.22	3	5	ND	1	105	1	105	1	2	2	5	2.83	.061	3	8	.06	60	.01	4	.30	.03	.02	1
11+50E 5+50N	1	108	8	17	.7	2.63	12	5	ND	8	69	8	69	1	2	2	34	.92	.013	327	27	.28	247	.06	2	2.70	.04	.05	1
11+50E 5+00N	1	14	6	60	.1	1.47	6	5	ND	3	21	3	21	1	2	2	28	.12	.090	11	11	.14	117	.07	2	1.45	.03	.05	1
11+50E 4+50N	1	17	5	62	.1	1.75	8	5	ND	4	26	4	26	1	2	2	31	.13	.088	13	14	.20	173	.07	4	1.80	.03	.07	1
11+50E 4+00N	1	16	2	47	.2	1.57	6	5	ND	5	32	5	32	1	2	2	28	.15	.091	14	12	.21	141	.06	2	1.52	.02	.07	1
11+50E 3+75N	1	12	4	52	.2	1.28	7	5	ND	4	23	4	23	1	2	2	23	.11	.096	9	12	.14	135	.06	3	1.24	.03	.06	1
11+50E 3+50N	1	15	5	61	.2	1.71	4	5	ND	5	27	5	27	1	2	2	32	.13	.101	14	14	.20	142	.07	2	1.59	.02	.06	1
11+50E 3+25N	1	5	3	23	.1	1.55	5	5	ND	1	11	1	11	1	2	2	10	.04	.040	5	5	.07	45	.02	2	.59	.01	.03	2
STD C	19	59	39	132	7.1	1026	4.07	39	17	8	39	51	18	18	17	19	54	.45	.084	38	61	.85	182	.06	34	1.90	.06	.13	13



SAMPLET	MO	CU	PB	ZN	AG	NI	CO	HR	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	M
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	I	PPM	PPM	I	PPM	I	I	I	I	I	PPM
11+50E 3+00H	1	19	9	63	.1	13	5	281	1.91	4	5	ND	4	31	1	2	2	34	.17	.098	18	17	.25	1.69	.09	4	2.07	.03	.08	1
11+50E 2+75H	1	14	8	45	.1	12	5	256	2.15	2	5	ND	5	33	1	2	2	48	.21	.054	19	21	.26	1.33	.08	4	1.02	.02	.08	1
11+50E 2+50H	1	23	11	70	.1	14	6	349	2.03	3	5	ND	4	30	1	2	2	37	.18	.103	22	19	.24	2.03	.09	4	2.14	.03	.08	1
11+50E 2+25H	1	17	8	76	.1	15	5	371	1.94	4	5	ND	3	25	1	2	2	35	.18	.077	14	20	.27	1.96	.08	5	1.87	.02	.08	1
11+50E 2+00H	1	28	11	97	.1	17	7	451	2.30	8	5	ND	4	26	1	2	2	41	.22	.083	13	22	.38	2.88	.09	3	2.22	.02	.10	1
11+50E 1+75H	1	23	10	116	.1	18	6	774	1.76	9	5	ND	2	23	1	2	2	30	.17	.084	9	17	.25	2.09	.07	4	1.66	.03	.10	1
11+50E 1+50H	1	18	8	71	.1	11	4	472	1.49	3	5	ND	2	19	1	2	2	26	.15	.054	7	17	.26	1.50	.06	2	1.51	.03	.08	1
11+50E 1+25H	1	45	9	93	.1	43	14	544	3.49	13	5	ND	5	29	1	2	2	48	.25	.129	18	117	.96	1.81	.12	5	3.16	.02	.10	1
11+50E 1+00H	1	35	12	81	.1	28	11	786	2.83	12	5	ND	3	24	1	2	2	52	.32	.102	11	64	.70	1.67	.11	2	2.34	.02	.08	2
11+50E 0+50H	2	27	19	145	.3	24	8	875	2.72	33	6	ND	2	20	1	2	2	48	.17	.144	11	39	.46	1.74	.08	2	2.23	.02	.10	1
11+50E 0+00H	1	37	15	50	.1	18	7	321	2.08	4	5	ND	3	23	1	2	2	36	.34	.025	17	30	.39	1.17	.09	2	2.74	.03	.08	1
12+00E 15+00H	1	17	7	77	.1	17	6	351	2.02	2	5	ND	3	28	1	2	2	37	.16	.068	9	24	.37	1.39	.08	4	1.41	.02	.11	1
12+00E 14+50H	1	16	7	72	.1	11	5	415	1.47	3	5	ND	2	18	1	2	2	25	.10	.101	6	15	.24	1.06	.07	3	1.29	.03	.06	1
12+00E 14+00H	2	81	13	58	.3	32	8	397	2.78	7	5	ND	3	76	1	2	2	47	.67	.017	56	37	.45	1.29	.08	4	2.22	.04	.08	1
12+00E 13+50H	1	14	8	79	.1	14	5	376	2.13	2	5	ND	3	29	1	2	2	40	.18	.105	12	19	.28	1.58	.07	2	1.67	.02	.07	1
12+00E 13+00H	1	12	6	87	.1	14	4	501	1.44	3	5	ND	2	26	1	2	2	27	.15	.065	8	15	.21	1.68	.06	2	1.11	.03	.07	1
12+00E 12+50H	1	27	14	99	.1	20	9	2288	2.05	4	5	ND	1	24	1	2	2	41	.26	.075	8	26	.29	4.26	.05	5	1.41	.03	.10	1
12+00E 12+00H	1	20	9	122	.1	17	5	466	1.41	4	5	ND	2	22	1	2	2	31	.18	.033	9	16	.26	2.13	.06	3	1.29	.03	.09	1
12+00E 11+50H	1	22	7	125	.1	21	5	589	1.81	7	5	ND	2	26	1	2	2	34	.19	.023	9	19	.30	2.01	.06	3	1.16	.02	.14	1
12+00E 11+00H	1	17	5	77	.1	15	4	699	1.29	3	5	ND	1	31	1	2	2	25	.25	.036	7	16	.20	1.60	.05	2	.95	.03	.09	1
12+00E 10+50H	1	17	4	98	.1	15	4	875	1.26	3	5	ND	1	35	1	2	2	25	.25	.051	7	11	.20	1.83	.05	3	.81	.03	.08	1
12+00E 10+00H	1	37	12	124	.1	27	8	756	2.25	26	5	ND	4	34	1	2	2	43	.26	.066	16	22	.35	2.69	.08	4	1.77	.03	.12	1
12+00E 9+50H	1	10	5	44	.1	4	2	751	.97	6	8	ND	1	13	1	2	2	21	.12	.088	5	5	.10	1.11	.05	4	.73	.04	.04	1
12+00E 9+00H	2	40	23	126	.1	32	11	2192	2.25	17	5	ND	3	32	1	2	3	42	.27	.053	14	30	.42	3.12	.08	4	2.21	.03	.10	1
12+00E 8+50H	1	19	7	108	.1	18	5	680	1.37	8	5	ND	1	31	1	2	2	25	.23	.037	7	13	.24	1.43	.06	2	1.10	.03	.07	1
12+00E 8+00H	1	30	14	126	.2	12	7	1790	2.06	22	5	ND	2	29	1	2	2	31	.20	.088	10	12	.25	2.12	.08	5	2.18	.03	.06	1
12+00E 7+50H	2	72	412	860	3.8	41	17	1438	3.77	616	5	ND	2	38	2	29	3	64	.35	.037	11	37	.72	2.35	.10	5	3.60	.03	.11	1
12+00E 7+00H	2	73	19	194	.2	32	17	1885	3.77	246	5	ND	3	45	2	2	2	59	.32	.046	20	31	.62	2.86	.10	4	3.32	.02	.17	1
12+00E 6+50H	1	32	6	92	.3	17	7	672	2.06	38	5	ND	4	27	1	2	2	36	.15	.079	15	16	.30	1.54	.08	2	1.92	.03	.07	1
12+00E 6+00H	1	32	4	43	.1	18	6	323	1.42	7	4	ND	2	14	1	2	2	30	.16	.025	3	25	.33	.88	.08	3	1.28	.04	.06	1
12+00E 5+50H	2	13	13	36	.1	3	1	46	.15	2	5	ND	1	93	1	2	2	4	3.14	.066	2	3	.07	.61	.01	10	.11	.02	.03	1
12+00E 5+00H	1	36	8	141	.2	25	5	413	1.86	95	5	ND	4	26	1	2	2	29	.42	.019	15	17	.25	1.61	.08	3	2.30	.04	.07	1
12+00E 4+50H	1	21	15	99	.2	16	6	294	2.21	22	5	ND	5	29	1	2	3	38	.14	.182	14	18	.24	1.66	.08	2	2.23	.03	.08	1
12+00E 4+00H	1	17	13	85	.1	15	5	318	1.85	9	5	ND	4	34	1	2	3	33	.16	.090	19	16	.24	2.04	.08	2	1.94	.03	.08	1
12+00E 3+50H	1	14	11	47	.1	11	5	234	1.81	9	5	ND	5	33	1	2	2	38	.15	.053	17	15	.21	1.36	.07	4	1.26	.03	.07	1
12+00E 3+00H	1	17	7	59	.3	12	5	324	1.80	5	5	ND	4	34	1	2	2	32	.16	.139	16	15	.20	2.00	.07	2	1.61	.02	.08	1
12+00E 2+50H	1	18	12	44	.1	13	5	404	1.85	8	5	ND	3	30	1	2	4	33	.15	.116	15	17	.24	1.74	.08	5	2.09	.03	.07	1
5TD C	18	58	38	132	7.1	68	28	1088	4.08	39	15	8	39	51	18	15	18	56	.45	.085	38	61	.85	1.92	.06	33	1.89	.06	.13	12

SAMPLE	NO	CU	PB	ZN	AE	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	HG	BA	TI	B	AL	MA	K	M
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
12+50E 2+50N	1	24	7	74	.3	14	6	431	1.82	10	5	ND	3	23	1	2	2	37	.24	.075	11	19	.39	170	.07	5	1.68	.03	.08	2
12+50E 1+50N	1	32	6	94	.1	19	8	731	2.21	12	5	ND	3	23	1	2	2	44	.30	.085	13	44	.52	185	.09	4	1.99	.03	.12	1
12+50E 1+50N	1	44	17	97	.1	45	16	1707	2.68	22	5	ND	1	20	1	2	2	53	.34	.041	8	144	1.18	262	.07	2	2.49	.03	.15	1
12+50E 0+50N	1	26	8	92	.1	12	6	989	1.76	12	5	ND	2	29	1	2	2	34	.23	.118	12	22	.28	191	.07	6	1.69	.03	.14	1
12+50E 0+50N	1	39	12	107	.2	25	8	607	2.47	14	5	ND	3	25	1	2	2	46	.28	.050	20	38	.50	234	.09	6	2.64	.02	.15	1
12+50E 15+00N	1	21	4	108	.1	16	6	436	2.12	4	5	ND	4	33	1	2	2	40	.19	.137	14	24	.30	123	.08	5	1.67	.03	.07	1
12+50E 14+50N	1	64	10	21	.4	10	4	518	.93	3	5	ND	1	113	1	2	2	19	1.28	.042	19	9	.16	53	.04	3	.99	.05	.04	1
12+50E 14+50N	1	19	7	97	.1	16	4	430	2.29	2	5	ND	4	33	1	2	2	44	.24	.111	15	25	.32	155	.09	4	1.64	.02	.07	1
12+50E 13+50N	1	20	7	110	.2	20	7	453	2.11	3	5	ND	4	40	1	2	2	39	.23	.120	16	21	.33	164	.09	2	1.97	.03	.09	1
12+50E 13+50N	1	15	6	193	.1	17	6	497	1.85	12	5	ND	2	35	1	2	2	31	.25	.204	8	17	.25	231	.09	4	2.02	.03	.07	1
12+50E 12+50N	1	28	5	142	.1	23	8	357	2.16	8	5	ND	3	30	1	2	2	42	.27	.050	14	24	.40	248	.09	5	1.81	.03	.13	1
12+50E 12+50N	3	41	4	133	.1	28	10	721	2.58	19	5	ND	3	31	1	2	2	52	.27	.037	21	32	.52	262	.09	3	2.14	.02	.16	1
12+50E 11+50N	1	26	5	131	.1	20	6	420	1.61	5	5	ND	2	35	1	2	2	28	.25	.046	14	16	.30	174	.07	3	1.60	.03	.12	1
12+50E 11+50N	1	22	2	201	.1	15	6	1558	1.08	7	5	ND	1	38	2	2	2	20	.30	.071	4	10	.20	198	.04	3	.82	.03	.06	1
12+50E 10+50N	1	49	18	202	.1	45	9	1100	1.74	28	5	ND	2	39	1	2	2	32	.28	.057	8	20	.41	210	.09	5	1.98	.03	.09	1
12+50E 10+50N	1	35	28	167	.2	21	9	971	1.40	44	5	ND	1	21	1	2	2	29	.17	.044	5	14	.29	143	.07	2	1.19	.03	.06	1
12+50E 9+50N	1	17	4	64	.1	6	4	1330	.98	3	5	ND	1	23	1	2	2	21	.20	.060	5	5	.12	137	.05	2	.78	.05	.03	1
12+50E 8+50N	3	119	20	227	.3	68	25	4373	3.82	35	5	ND	3	43	2	2	2	82	.43	.063	24	57	.97	400	.12	4	3.91	.02	.20	1
12+50E 8+50N	1	57	4	133	.1	35	12	1747	1.81	18	5	ND	1	27	1	3	2	36	.28	.052	13	27	.48	267	.06	2	1.59	.03	.17	1
12+50E 8+50N	2	37	6	82	.1	25	7	730	1.44	19	5	ND	1	25	1	3	2	29	.17	.061	10	14	.27	176	.06	2	1.38	.03	.08	1
12+50E 7+50N	1	28	3	80	.1	17	7	453	1.94	135	5	ND	2	30	1	2	2	36	.19	.058	12	19	.31	159	.07	4	1.58	.03	.10	1
12+50E 7+50N	1	22	9	96	.2	11	6	730	1.49	40	5	ND	3	24	1	2	2	29	.17	.087	7	13	.24	119	.06	3	1.25	.03	.08	1
12+50E 6+50N	1	20	10	108	.3	11	5	588	1.44	18	5	ND	1	15	1	2	2	28	.08	.111	5	13	.19	97	.07	2	1.06	.03	.04	1
12+50E 6+50N	1	33	11	116	.1	23	9	558	2.29	27	5	ND	4	26	1	2	2	42	.27	.048	15	25	.46	155	.10	3	2.47	.04	.08	1
12+50E 5+50N	1	23	3	57	.1	15	6	783	1.42	12	5	ND	1	19	1	2	2	28	.18	.055	3	12	.24	136	.08	2	1.60	.03	.06	1
12+50E 5+50N	1	19	6	128	.3	14	5	973	1.45	6	5	ND	1	18	1	2	2	30	.17	.049	6	13	.22	189	.06	2	1.11	.03	.06	1
12+50E 4+50N	2	37	12	138	.2	25	8	699	2.46	83	5	ND	4	25	1	2	2	44	.22	.076	18	22	.41	245	.10	3	2.82	.03	.11	2
12+50E 4+50N	1	37	6	148	.2	32	10	438	2.75	81	5	ND	5	25	1	2	2	54	.28	.029	19	41	.54	263	.10	4	2.95	.03	.13	1
12+50E 3+50N	1	31	7	93	.1	37	12	345	2.79	69	5	ND	5	31	1	2	2	58	.45	.012	30	73	.70	149	.11	5	2.24	.03	.14	1
12+50E 3+50N	1	29	7	115	.3	13	7	422	1.94	52	5	ND	3	23	1	2	2	33	.19	.114	13	14	.24	179	.10	4	3.01	.03	.07	1
12+50E 2+50N	1	30	9	91	.2	20	8	545	2.18	15	5	ND	3	34	1	2	2	39	.22	.100	18	28	.44	238	.10	2	2.55	.03	.12	1
12+50E 2+50N	1	46	14	115	.2	32	15	1234	3.71	10	5	ND	4	28	1	2	2	74	.34	.081	14	55	1.28	330	.13	3	3.34	.02	.21	1
12+50E 1+50N	1	33	7	65	.3	19	8	452	2.34	15	5	ND	5	27	1	2	2	45	.20	.061	19	45	.53	153	.10	4	2.64	.03	.10	1
12+50E 1+50N	1	28	10	65	.1	19	10	911	2.19	15	5	ND	4	30	1	2	2	43	.29	.065	14	38	.50	151	.09	3	2.14	.02	.10	1
12+50E 0+50N	1	34	13	76	.2	17	7	407	2.14	10	5	ND	4	30	1	2	2	43	.23	.052	20	31	.39	144	.09	5	1.99	.03	.10	1
12+50E 0+50N	1	34	8	81	.3	23	10	918	2.24	11	5	ND	3	25	1	2	2	44	.28	.070	13	39	.53	143	.08	3	2.02	.02	.08	1
STD C	19	60	36	131	7.3	67	31	1034	3.89	40	21	7	40	53	18	20	23	56	.48	.086	38	42	.80	175	.06	36	1.89	.04	.14	13

SAMPLE	MO	CU	PB	ZN	AG	NI	CO	MM	FE	AS	V	CA	P	LA	CR	MG	BR	TI	B	AL	NA	K	W
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH
13+00E 13+00K	1	8	3	24	.1	4	2	232	.73	2	5	20	.14	.053	3	5	.08	48	.05	.40	.04	.03	1
13+00E 14+50N	1	40	16	86	.3	24	8	531	2.17	22	5	40	.59	.072	19	31	.43	157	.08	2	1.89	.03	.11
13+00E 14+00K	2	24	6	164	.2	36	7	291	2.31	4	5	46	.21	.058	11	24	.33	130	.10	2	2.16	.02	.07
13+00E 13+50N	1	19	15	129	.1	25	4	450	1.75	27	5	35	.22	.144	11	17	.26	203	.08	3	1.90	.03	.08
13+00E 13+00K	1	30	12	157	.1	27	7	582	1.96	14	5	38	.18	.088	11	21	.34	176	.09	3	1.78	.03	.08
13+00E 12+50N	2	32	17	127	.1	29	10	1083	2.33	8	5	46	.24	.122	11	24	.40	214	.10	4	2.04	.02	.08
13+00E 12+00N	2	23	12	102	.2	19	6	524	1.97	8	5	39	.24	.047	19	19	.30	154	.10	5	2.08	.03	.09
13+00E 11+50N	2	47	23	167	.1	34	13	2899	2.80	18	5	56	.36	.057	23	29	.53	425	.10	4	2.47	.02	.17
13+00E 11+00N	1	40	11	122	.1	31	7	779	1.80	4	5	34	.35	.038	20	27	.42	159	.09	3	1.75	.04	.10
13+00E 10+50N	2	39	5	174	.1	37	9	1053	2.07	9	5	38	.26	.107	12	22	.37	318	.10	5	2.21	.03	.10
13+00E 10+00N	1	22	9	78	.1	11	5	900	1.67	10	5	31	.29	.109	8	13	.25	150	.08	2	1.53	.03	.05
13+00E 9+50N	1	34	9	94	.1	19	9	1447	1.89	10	5	38	.32	.080	13	20	.38	259	.08	5	1.71	.03	.08
13+00E 9+00N	2	59	31	125	.1	35	16	3041	2.92	35	5	59	.25	.080	26	34	.51	334	.11	4	3.18	.02	.17
13+00E 8+50N	3	120	13	154	.1	52	22	4550	2.46	19	5	41	.85	.126	17	22	.47	933	.06	3	2.00	.03	.15
13+00E 8+00N	2	39	7	139	.1	31	9	845	2.09	31	5	39	.27	.090	10	25	.36	209	.08	4	1.89	.03	.09
13+00E 7+50N	1	41	14	147	.1	31	8	422	2.21	56	5	39	.20	.121	13	24	.37	158	.11	4	2.81	.04	.08
13+00E 7+00N	2	38	9	93	.2	26	4	499	1.89	76	5	32	.40	.015	21	19	.33	113	.09	5	2.01	.05	.05
13+00E 6+50N	1	83	7	75	.8	22	4	377	1.20	59	5	20	.75	.036	34	13	.21	73	.07	2	1.86	.06	.05
13+00E 6+00N	1	27	10	79	.1	20	7	899	1.84	24	5	37	.14	.053	8	21	.33	157	.08	4	1.88	.03	.07
13+00E 5+50N	1	26	10	64	.1	19	7	564	1.62	9	5	35	.19	.040	11	19	.31	144	.07	2	1.42	.03	.08
13+00E 5+00N	1	19	9	90	.1	17	6	838	1.64	8	5	33	.19	.052	9	17	.27	175	.07	3	1.62	.03	.07
13+00E 4+50N	2	37	16	121	.1	20	9	1037	2.51	48	5	47	.19	.110	16	23	.39	223	.11	6	2.98	.03	.08
13+00E 4+00N	1	25	13	97	.1	19	7	457	2.00	30	5	42	.19	.047	13	21	.31	188	.09	4	2.00	.03	.10
13+00E 3+50N	1	34	7	91	.2	12	8	1050	1.74	22	5	32	.22	.169	8	16	.29	226	.09	4	1.97	.04	.11
13+00E 3+00N	1	19	8	78	.1	12	7	781	2.04	13	5	40	.17	.063	7	15	.27	132	.09	3	1.92	.03	.07
13+00E 2+50N	1	30	14	128	.1	20	9	1811	2.29	19	5	45	.37	.123	14	24	.38	271	.08	4	2.05	.02	.11
13+00E 2+00N	2	44	14	129	.1	21	11	1126	2.90	22	5	52	.38	.040	18	21	.49	443	.11	7	3.37	.04	.24
13+00E 1+50N	3	46	17	148	.1	28	14	1723	2.89	40	5	57	.37	.075	16	56	.66	290	.11	5	2.82	.03	.20
13+00E 1+00N	1	97	12	80	.1	72	24	2184	3.70	19	5	72	.39	.035	10	253	1.76	211	.06	3	2.97	.03	.33
13+00E 0+50N	2	41	14	96	.1	26	11	1122	2.46	31	5	44	.35	.045	25	48	.50	205	.08	4	2.33	.02	.20
13+00E 0+00N	1	29	14	72	.1	17	7	728	2.08	8	5	40	.29	.029	19	26	.33	124	.06	5	1.45	.03	.16
13+50E 17+00N	1	41	12	88	.1	25	10	380	3.00	7	5	61	.31	.080	28	38	.57	153	.11	5	2.27	.03	.18
13+50E 16+75N	1	21	12	81	.1	18	7	585	2.01	5	5	39	.23	.058	14	24	.36	175	.08	5	1.52	.03	.15
13+50E 14+50N	1	21	6	71	.1	18	7	304	2.30	2	5	44	.25	.048	22	29	.45	147	.09	5	1.42	.03	.19
13+50E 14+25N	1	18	7	87	.1	14	6	537	1.85	3	5	34	.26	.091	15	21	.31	194	.08	5	1.43	.03	.12
13+50E 14+00N	1	29	10	87	.1	21	7	474	2.14	5	5	40	.22	.082	20	25	.37	182	.09	8	1.96	.03	.12
STD C	20	59	41	132	7.4	70	30	1068	3.98	40	21	58	.47	.087	40	61	.88	179	.07	35	1.92	.06	.13

SOOKOCHOFF PROJECT-ABBEY EXPL. FILE # 87-5529

SAMPLE	MO	CU	PB	ZN	AG	NI	CO	MM	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	ME	BA	TI	B	AL	NA	K	W
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH
13+50E 15+75N	1	24	11	105	.1	20	8	600	2.40	4	5	ND	3	41	1	2	2	48	.24	.085	13	28	.47	160	.08	2	1.52	.02	.10	1
13+50E 15+50N	1	24	8	76	.1	17	7	350	2.35	5	5	ND	4	40	1	2	2	45	.22	.093	13	25	.39	190	.08	2	1.78	.02	.11	1
13+50E 15+25N	1	17	5	84	.1	13	5	366	2.00	8	5	ND	3	52	1	2	2	37	.27	.147	11	20	.29	177	.07	2	1.53	.02	.08	1
13+50E 15+00N	1	40	9	30	.3	17	4	251	1.55	2	5	ND	1	152	1	2	2	30	1.77	.027	23	21	.29	101	.05	2	1.26	.04	.05	1
13+50E 14+75N	2	35	10	46	.3	24	4	384	2.64	4	5	ND	6	53	1	2	3	51	.48	.032	28	31	.41	104	.08	2	1.55	.03	.08	1
13+50E 14+50N	2	28	8	48	.1	19	8	256	2.89	9	5	ND	7	46	1	2	2	67	.30	.024	18	36	.43	89	.10	2	1.16	.02	.09	2
13+50E 14+25N	1	17	9	253	.1	21	4	950	2.14	5	5	ND	3	31	1	2	2	35	.24	.121	10	21	.31	297	.09	2	1.65	.02	.09	1
13+50E 14+00N	1	17	8	178	.1	24	4	614	2.07	8	5	ND	4	30	1	2	3	37	.19	.153	8	22	.33	245	.07	2	1.49	.02	.07	1
13+50E 13+50N	1	32	11	116	.4	28	8	288	2.99	10	5	ND	6	37	1	2	2	41	.21	.037	20	42	.63	191	.10	2	1.94	.02	.13	1
13+50E 13+00N	1	30	11	138	.1	22	7	1480	1.73	3	5	ND	1	50	1	2	3	34	.47	.048	4	33	.40	388	.07	2	1.13	.03	.08	1
13+50E 12+50N	1	22	8	97	.1	31	7	573	2.15	3	5	ND	2	35	1	2	4	39	.31	.039	8	54	.68	250	.10	2	1.89	.03	.13	1
13+50E 12+00N	1	23	12	93	.1	55	13	639	3.27	4	5	ND	3	40	1	2	3	58	.48	.101	16	79	1.33	449	.15	2	2.38	.03	.23	1
13+50E 11+50N	1	19	11	95	.1	19	6	539	1.78	2	5	ND	4	26	1	2	2	32	.20	.055	27	20	.34	213	.07	2	1.72	.02	.09	1
13+50E 11+00N	1	33	10	83	.2	26	4	761	1.91	3	5	ND	2	50	1	2	2	35	.45	.028	24	33	.51	161	.08	2	1.88	.03	.08	1
13+50E 10+50N	1	16	8	57	.1	10	4	1085	1.01	2	5	ND	1	36	1	2	2	20	.35	.085	4	10	.15	252	.05	2	.85	.03	.06	1
13+50E 10+00N	1	28	3	71	.1	20	6	993	1.60	7	5	ND	1	21	1	2	2	31	.20	.058	9	20	.24	186	.06	2	1.34	.03	.05	1
13+50E 9+50N	1	38	16	97	.1	24	9	2346	1.92	14	5	ND	1	34	1	2	2	32	.34	.043	22	16	.27	284	.08	2	2.19	.02	.11	1
13+50E 9+00N	1	39	14	105	.1	43	13	1285	3.21	16	5	ND	4	59	1	2	3	43	.48	.083	25	60	.86	404	.11	2	2.44	.02	.26	1
13+50E 8+50N	1	19	8	66	.1	16	5	470	1.67	4	5	ND	3	31	1	2	4	32	.23	.052	11	20	.27	211	.04	2	1.20	.02	.10	1
13+50E 8+00N	1	24	6	58	.1	21	5	525	1.66	6	5	ND	2	39	1	2	2	31	.36	.015	19	24	.37	138	.07	2	1.70	.04	.05	1
13+50E 7+50N	1	19	6	94	.1	13	5	427	1.74	8	5	ND	2	28	1	2	4	35	.19	.060	8	17	.30	174	.06	3	1.18	.02	.10	1
13+50E 7+00N	1	23	9	94	.1	16	7	710	2.04	48	5	ND	2	19	1	2	2	35	.12	.123	8	17	.28	150	.07	2	1.56	.02	.06	1
13+50E 6+50N	1	20	2	42	.1	11	5	218	1.89	11	5	ND	3	23	1	2	2	45	.15	.046	10	16	.24	87	.06	2	.82	.02	.07	1
13+50E 6+00N	1	15	4	75	.1	10	4	551	1.34	13	5	ND	1	15	1	2	2	26	.12	.040	4	12	.18	114	.06	2	1.14	.02	.04	1
13+50E 5+50N	2	39	14	175	.1	42	12	3102	2.44	43	5	ND	1	34	1	2	2	45	.54	.082	11	29	.49	510	.07	4	2.12	.02	.10	1
13+50E 5+00N	1	38	7	150	.1	24	11	2077	2.83	21	5	ND	2	29	1	2	2	43	.41	.051	10	26	.68	352	.09	3	2.51	.03	.20	1
13+50E 4+50N	1	32	10	116	.2	20	7	852	2.32	31	5	ND	3	23	1	2	2	43	.23	.071	15	20	.37	249	.08	3	2.09	.02	.11	1
13+50E 4+00N	1	30	7	174	.2	24	7	500	2.25	83	5	ND	4	18	1	2	2	44	.17	.075	12	25	.39	218	.08	2	2.06	.02	.09	1
13+50E 3+50N	1	33	9	99	.1	16	14	1412	2.35	29	5	ND	1	22	1	2	2	45	.35	.084	6	17	.39	182	.08	2	1.56	.02	.08	1
13+50E 3+00N	1	81	15	163	.3	36	22	1361	3.77	34	5	ND	2	21	1	2	3	46	.48	.037	17	31	.76	254	.10	2	2.82	.03	.19	1
13+50E 2+50N	1	38	5	116	.1	38	11	1035	2.74	56	5	ND	3	27	1	2	2	52	.31	.060	17	73	.54	237	.09	3	2.49	.02	.20	1
13+50E 2+00N	1	33	8	106	.1	18	7	1035	2.14	14	5	ND	3	25	1	2	2	57	.27	.060	13	18	.36	255	.08	3	2.03	.03	.16	1
13+50E 1+50N	1	35	10	107	.1	22	8	449	2.39	14	5	ND	4	31	1	2	2	45	.29	.077	16	35	.43	190	.08	4	2.01	.02	.15	1
13+50E 1+00N	1	40	11	79	.1	25	9	789	2.38	10	5	ND	3	24	1	2	4	47	.23	.047	14	58	.56	196	.08	2	2.01	.02	.12	1
13+50E 0+50N	1	61	26	188	.2	34	13	1493	2.87	42	5	ND	3	39	1	2	2	48	.35	.090	24	48	.59	278	.09	3	2.59	.02	.20	1
13+50E 0+00N	1	43	8	92	.1	24	11	1290	2.38	21	5	ND	3	33	1	2	2	44	.36	.034	16	30	.43	217	.07	2	1.93	.03	.16	1
STD C	19	58	37	128	7.4	67	27	1037	3.99	38	19	7	36	47	16	20	23	58	.49	.082	35	57	.88	178	.06	36	1.85	.06	.13	12

SAMPLE	NO	CU	PB	ZN	AS	NI	CO	KR	FE	AS	U	AU	TH	SR	CO	SB	BI	V	CA	P	LA	CR	M5	BA	TI	B	AL	HR	K	M
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
13+75E 17+00N	2	47	14	88	.1	24	10	357	2.82	10	5	ND	6	41	1	2	2	61	.28	.08*	25	32	.61	170	.11	4	1.92	.02	.20	1
13+75E 16+75N	1	21	9	63	.1	16	7	402	1.84	2	5	ND	3	40	1	2	2	38	.27	.040	15	19	.37	137	.08	2	1.34	.03	.15	1
13+75E 14+50N	1	20	5	89	.1	17	7	424	1.81	4	5	ND	3	38	1	2	2	36	.24	.065	16	16	.35	145	.08	3	1.43	.03	.11	1
13+75E 14+25N	1	22	8	102	.1	17	7	442	1.88	2	5	ND	3	45	1	3	2	37	.29	.054	20	22	.39	168	.07	3	1.45	.02	.15	1
13+75E 14+00N	1	15	8	70	.1	13	6	431	1.61	4	5	ND	3	35	1	2	2	32	.23	.045	13	17	.30	119	.07	3	1.31	.03	.09	1
13+75E 15+75N	1	17	8	82	.1	20	7	383	2.01	5	5	ND	3	44	1	2	2	39	.26	.060	13	26	.38	140	.09	6	1.72	.03	.10	1
13+75E 15+50N	1	12	5	56	.1	12	5	314	1.52	3	5	ND	2	35	1	2	2	29	.18	.065	11	15	.21	109	.07	2	1.42	.03	.05	1
13+75E 15+25N	1	34	5	53	.2	13	6	255	1.80	2	5	ND	3	41	1	2	2	33	.39	.013	44	18	.24	63	.08	2	1.49	.03	.06	1
13+75E 15+00N	1	14	5	110	.1	9	4	444	1.57	2	5	ND	2	47	1	2	2	30	.28	.221	12	14	.19	222	.06	3	1.14	.02	.04	1
13+75E 14+75N	1	12	9	57	.1	14	5	208	1.49	6	5	ND	2	29	1	2	2	31	.17	.048	12	14	.18	162	.08	2	1.60	.02	.04	1
13+75E 14+50N	1	20	2	78	.1	17	3	177	1.27	7	5	ND	1	22	1	2	2	28	.20	.032	15	11	.15	67	.04	2	.90	.04	.05	1
13+75E 14+25N	2	42	21	391	.3	62	9	300	2.73	34	5	ND	4	52	1	2	2	50	.33	.020	22	33	.52	242	.13	5	2.60	.03	.11	1
13+75E 14+00N	1	20	28	259	.1	27	7	690	1.90	39	5	ND	2	22	1	2	3	33	.13	.179	8	19	.31	181	.09	4	1.94	.02	.08	1
14+00E 17+00N	1	22	7	59	.1	18	8	529	2.29	4	5	ND	3	41	1	2	2	49	.21	.048	18	27	.51	154	.09	3	1.41	.02	.25	1
14+00E 16+75N	1	29	14	52	.1	20	9	448	2.50	4	5	ND	4	54	1	2	2	58	.25	.052	25	28	.52	151	.09	3	1.43	.02	.24	1
14+00E 16+50N	1	27	11	78	.1	21	9	528	2.55	5	5	ND	4	51	1	2	2	54	.28	.059	25	30	.53	184	.10	4	1.72	.02	.24	1
14+00E 16+25N	1	9	6	45	.1	8	4	269	1.21	2	5	ND	1	29	1	2	2	27	.18	.058	9	14	.22	101	.05	3	.82	.03	.09	2
14+00E 16+00N	1	18	10	74	.1	17	7	402	1.93	5	5	ND	3	42	1	2	2	39	.21	.088	15	21	.37	172	.08	4	1.38	.02	.12	1
14+00E 15+75N	1	17	7	74	.1	17	6	491	1.88	3	5	ND	3	41	1	2	2	35	.25	.151	12	21	.53	193	.07	4	1.38	.02	.11	1
14+00E 15+50N	1	13	6	66	.1	13	5	317	1.50	2	5	ND	3	32	1	2	2	28	.13	.135	10	16	.25	145	.07	5	1.35	.02	.09	1
14+00E 15+25N	1	9	2	13	.1	2	3	78	.81	2	5	ND	1	46	1	2	2	19	.39	.009	6	7	.10	56	.03	2	.50	.04	.04	2
14+00E 15+00N	1	12	13	139	.1	13	6	796	1.72	7	5	ND	3	37	1	2	2	29	.21	.149	12	15	.23	163	.08	3	1.70	.03	.04	1
14+00E 14+75N	1	14	16	273	.1	20	7	981	1.91	23	5	ND	3	43	1	2	2	33	.22	.254	8	19	.27	278	.08	2	1.75	.02	.08	1
14+00E 14+50N	1	15	7	145	.1	21	6	300	2.20	10	5	ND	5	29	1	2	2	44	.14	.097	10	21	.31	140	.08	3	1.73	.02	.08	1
14+00E 14+25N	1	9	8	94	.1	9	5	492	1.43	4	5	ND	2	25	1	2	2	34	.12	.120	9	14	.19	141	.04	2	1.15	.02	.06	1
14+00E 14+00N	2	34	15	178	.3	50	6	457	1.42	24	5	ND	2	37	1	2	2	30	.30	.029	14	20	.30	121	.10	3	2.02	.03	.06	1
14+00E 13+50N	2	36	56	284	.5	33	8	699	2.25	55	5	ND	3	30	1	2	2	41	.18	.129	17	22	.34	200	.10	2	2.57	.02	.10	1
14+00E 13+00N	1	20	6	123	.1	15	5	1622	.97	5	5	ND	1	17	1	2	2	20	.13	.047	4	6	.11	204	.05	2	.60	.03	.05	1
14+00E 12+50N	2	28	17	142	.1	30	9	1441	2.10	12	5	ND	2	25	1	2	3	41	.23	.098	10	30	.44	275	.09	3	1.78	.02	.08	1
14+00E 12+00N	1	15	11	158	.1	16	6	1454	1.43	7	5	ND	1	31	1	2	2	27	.21	.136	11	17	.26	340	.07	3	1.19	.03	.09	1
14+00E 11+50N	1	13	10	97	.1	9	5	795	1.24	3	5	ND	2	26	1	2	2	24	.16	.126	9	15	.23	219	.06	2	.94	.03	.04	1
14+00E 11+00N	1	35	16	114	.2	24	8	1319	2.03	9	5	ND	2	34	1	2	2	41	.29	.092	12	23	.40	270	.09	6	1.83	.02	.10	1
14+00E 10+50N	1	22	11	99	.1	26	9	1659	1.83	8	5	ND	1	49	1	2	2	37	.44	.093	10	44	.58	317	.08	2	1.37	.03	.12	1
14+00E 10+00N	1	33	14	79	.1	68	16	1107	3.08	3	5	ND	2	88	1	2	2	41	.78	.201	22	105	1.68	437	.16	2	1.60	.03	.22	1
14+00E 9+50N	2	64	13	100	.1	32	15	2151	2.52	17	5	ND	1	28	1	2	2	53	.20	.081	19	28	.56	310	.10	4	2.57	.02	.13	1
14+00E 8+00N	2	87	19	184	.1	84	23	2848	3.26	19	5	ND	1	51	1	2	4	45	.38	.100	37	75	1.22	379	.08	3	2.65	.02	.22	1
STD C	20	62	45	132	7.5	70	30	1051	3.94	42	19	8	40	56	19	18	23	61	.49	.092	42	60	.91	183	.07	34	1.83	.07	.15	12

SAMPLER	MO	CU	PB	ZN	AG	NI	CO	RM	FE	AS	U	AU	TH	SR	CO	SB	BI	V	CA	P	LA	CR	MS	BA	TI	B	AL	NR	K	M
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH
14+00E 8+50N	1	42	8	110	.1	34	9	688	2.75	6	5	ND	4	40	1	2	4	50	.26	.039	17	38	.58	.39*	.11	4	2.10	.02	.19	1
14+00E 8+00N	1	10	6	42	.1	7	3	378	.97	2	5	ND	1	19	1	2	2	20	.16	.036	4	9	.13	.98	.05	2	.42	.03	.06	2
14+00E 7+50N	1	17	3	71	.1	15	4	219	1.46	4	5	ND	1	23	1	2	2	24	.15	.072	7	17	.22	.166	.07	4	1.34	.03	.05	1
14+00E 7+00N	1	18	3	81	.1	15	4	550	1.73	8	5	ND	2	27	1	2	2	31	.19	.092	9	16	.25	.154	.06	4	1.44	.02	.12	1
14+00E 6+50N	1	18	10	94	.1	17	7	419	2.15	19	5	ND	3	35	1	2	2	39	.19	.106	11	18	.28	.187	.07	7	1.67	.02	.08	1
14+00E 6+00N	1	46	4	19	.6	11	2	468	.48	13	5	ND	1	349	4	2	2	11	4.02	.076	11	3	.22	.120	.01	6	.50	.03	.03	1
14+00E 5+50N	1	14	6	95	.1	16	6	513	1.96	7	5	ND	3	30	1	2	2	36	.18	.077	11	22	.33	.192	.07	3	1.18	.02	.13	1
14+00E 4+50N	1	34	13	171	.2	30	8	604	2.23	58	5	ND	3	30	1	2	2	35	.21	.225	13	28	.44	.330	.08	4	2.27	.03	.11	1
14+00E 4+00N	2	32	6	208	.1	28	7	560	2.24	84	5	ND	3	24	1	2	2	40	.19	.039	13	22	.39	.232	.07	6	1.88	.02	.14	1
14+00E 3+50N	1	44	16	105	.1	23	15	1104	3.45	33	5	ND	4	33	1	2	2	68	.37	.047	21	26	.55	.183	.13	2	2.96	.03	.15	1
14+00E 3+00N	1	41	2	123	.1	16	8	723	2.03	10	5	ND	3	29	1	2	2	40	.30	.044	12	17	.30	.166	.07	3	1.62	.03	.18	1
14+00E 2+50N	1	40	6	111	.1	27	10	909	2.42	28	5	ND	3	26	1	2	2	42	.24	.064	15	40	.50	.231	.08	3	2.29	.03	.16	1
14+00E 2+00N	1	22	11	82	.1	17	7	519	2.08	9	5	ND	3	29	1	2	2	37	.22	.045	20	23	.32	.181	.08	4	1.58	.02	.20	1
14+00E 1+50N	1	25	10	88	.1	17	6	413	1.84	24	5	ND	2	23	1	2	2	33	.19	.046	12	16	.28	.143	.07	2	1.60	.03	.09	1
14+00E 1+00N	1	22	11	76	.1	16	6	1254	1.64	17	5	ND	1	20	1	2	2	31	.26	.072	7	37	.33	.198	.04	4	1.36	.03	.09	1
14+00E 0+50N	1	45	17	152	.1	32	10	1054	2.79	48	5	ND	3	32	1	2	2	46	.25	.119	22	50	.53	.270	.09	2	2.68	.02	.16	1
14+00E 0+00N	1	50	10	127	.3	22	7	651	2.06	55	5	ND	3	23	1	2	2	34	.21	.054	14	34	.40	.154	.08	6	2.00	.03	.10	1
14+25E 17+00N	1	22	7	60	.1	19	8	579	2.66	5	5	ND	4	55	1	2	2	50	.28	.070	20	32	.52	.191	.10	3	1.47	.02	.30	1
14+25E 16+75N	1	21	10	60	.1	17	7	731	2.09	2	5	ND	2	56	1	2	2	38	.33	.073	15	24	.39	.227	.08	4	1.23	.02	.23	1
14+25E 16+50N	1	19	7	60	.1	16	8	798	2.28	2	5	ND	3	55	1	2	2	42	.28	.044	16	27	.43	.207	.09	4	1.32	.02	.22	1
14+25E 16+25N	1	22	10	54	.1	15	6	239	2.66	5	5	ND	6	63	1	2	2	55	.33	.073	19	25	.41	.128	.09	2	1.63	.02	.23	1
14+25E 16+00N	1	15	6	71	.1	15	6	438	2.49	4	5	ND	5	41	1	2	2	50	.22	.041	16	27	.42	.156	.09	5	1.40	.02	.22	1
14+25E 15+75N	1	23	11	60	.2	16	6	384	1.88	4	5	ND	2	53	1	2	2	35	.27	.104	15	21	.31	.189	.07	4	1.41	.03	.11	1
14+25E 15+50N	1	17	12	126	.2	15	6	599	1.73	2	5	ND	2	38	1	2	2	28	.22	.133	8	17	.23	.234	.07	3	1.35	.03	.08	1
14+25E 15+25N	1	24	3	22	.2	10	3	216	1.06	2	5	ND	1	79	1	2	2	20	.78	.021	11	12	.14	.50	.04	3	.79	.05	.03	1
14+25E 15+00N	1	17	8	165	.1	13	6	241	2.44	2	5	ND	5	30	1	2	2	52	.16	.028	12	19	.24	.111	.07	3	1.34	.02	.04	1
14+25E 14+75N	1	9	7	128	.1	5	4	790	1.78	3	5	ND	3	22	1	2	2	33	.10	.172	8	14	.15	.226	.06	3	1.11	.02	.04	1
14+25E 14+50N	1	10	7	142	.1	11	5	485	1.76	5	5	ND	3	31	1	2	2	33	.14	.122	10	15	.21	.185	.04	2	1.13	.02	.05	1
14+25E 14+25N	3	28	14	419	.2	44	7	633	2.53	21	5	ND	4	46	1	3	2	36	.38	.033	12	31	.34	.154	.10	7	2.40	.03	.08	1
14+25E 14+00N	2	15	10	201	.1	24	6	282	2.07	15	5	ND	3	31	1	2	2	36	.18	.048	9	20	.26	.122	.09	2	2.04	.03	.07	1
14+50E 17+00N	1	44	14	110	.1	44	10	533	2.80	6	5	ND	3	62	1	2	2	49	.44	.067	40	57	.82	.185	.12	4	1.95	.04	.16	1
14+50E 16+75N	1	25	5	81	.1	28	9	745	2.62	5	5	ND	3	60	1	2	2	46	.34	.071	20	41	.58	.227	.10	5	1.80	.03	.26	1
14+50E 16+50N	1	26	9	99	.2	24	8	719	2.70	6	5	ND	4	48	1	2	2	51	.31	.045	19	36	.49	.203	.09	2	1.68	.02	.20	1
14+50E 16+25N	1	25	9	104	.2	25	7	529	2.40	8	5	ND	3	46	1	2	2	43	.28	.054	15	30	.45	.221	.09	3	1.64	.02	.16	1
14+50E 16+00N	1	17	10	78	.1	17	5	403	1.71	5	5	ND	3	46	1	2	2	30	.24	.096	12	20	.29	.193	.07	4	1.38	.03	.10	1
14+50E 15+75N	1	25	6	107	.1	21	6	461	1.67	6	5	ND	3	39	1	2	2	27	.18	.122	11	21	.32	.210	.08	5	1.62	.03	.10	1
STD C	19	60	40	132	7.3	69	29	1044	4.09	43	21	8	39	52	18	17	20	57	.45	.087	39	60	.85	.179	.07	35	1.90	.04	.13	13

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MX	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	M
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH
14+50E 15+50N	1	27	8	167	.2	17	7	796	1.66	5	5	ND	2	56	1	2	2	24	.32	.268	10	21	.28	250	.08	2	1.81	.03	.07	1
14+50E 15+25N	1	35	11	70	.1	30	9	653	2.88	6	5	ND	4	50	1	2	2	58	.49	.062	26	37	.71	177	.07	3	1.51	.03	.15	1
14+50E 15+00N	1	24	11	72	.1	16	6	497	1.86	5	5	ND	1	33	1	2	2	40	.26	.044	12	25	.33	138	.06	5	.89	.02	.07	1
14+50E 14+75N	1	16	4	110	.1	15	5	731	1.17	5	5	ND	1	39	1	2	2	17	.24	.184	7	11	.15	228	.06	5	1.53	.03	.07	1
14+50E 14+50N	2	53	7	205	.3	63	12	647	2.54	7	5	ND	2	28	1	2	3	51	.22	.080	17	35	.49	272	.07	5	1.92	.02	.11	1
14+50E 14+25N	2	20	8	326	.1	34	6	964	1.82	10	5	ND	1	23	1	2	2	28	.19	.118	8	18	.29	333	.07	4	1.73	.02	.10	1
14+50E 14+00N	3	84	8	431	.6	56	5	489	1.45	16	5	ND	1	39	2	2	2	26	.50	.017	23	17	.22	78	.06	2	1.31	.04	.04	1
14+50E 13+50N	2	29	12	170	.2	26	6	740	1.61	22	5	ND	2	24	1	2	2	25	.17	.119	10	14	.23	200	.08	3	2.32	.03	.06	1
14+50E 13+00N	1	35	17	179	.1	27	7	811	1.94	21	5	ND	2	32	1	2	2	34	.20	.128	10	20	.31	232	.09	5	2.31	.03	.08	1
14+50E 12+50N	2	20	12	242	.1	26	8	969	1.98	21	5	ND	2	25	1	2	2	33	.15	.129	9	20	.32	228	.08	3	1.84	.02	.08	1
14+50E 12+00N	1	11	9	93	.1	11	4	909	1.05	7	5	ND	1	23	1	2	2	21	.16	.082	12	12	.18	196	.05	3	.91	.03	.07	1
14+50E 11+50N	2	28	9	104	.2	26	4	130	1.45	6	5	ND	2	32	1	2	2	26	.25	.034	12	21	.31	133	.10	2	2.70	.03	.06	1
14+50E 11+00N	1	17	11	69	.1	4	3	1175	.78	3	5	ND	1	39	1	2	2	16	.36	.072	4	7	.10	183	.02	5	.53	.03	.05	1
14+50E 10+50N	1	48	10	130	.1	23	10	2383	2.21	8	5	ND	1	42	1	2	2	40	.36	.086	15	28	.44	447	.08	2	1.91	.02	.13	1
14+50E 10+00N	2	49	7	97	.1	29	9	1047	2.14	6	5	ND	2	27	1	2	2	41	.23	.050	15	28	.46	336	.07	2	1.77	.02	.18	1
14+50E 9+50N	2	67	14	115	.1	26	12	2425	1.79	11	5	ND	1	39	1	2	2	33	.40	.047	12	17	.34	428	.06	4	1.65	.02	.14	1
14+50E 9+00N	2	95	8	136	.1	38	19	3813	1.94	28	5	ND	1	29	1	2	2	34	.38	.074	12	18	.35	368	.06	3	1.73	.03	.08	1
14+50E 8+50N	1	43	11	109	.1	34	10	1115	2.19	23	5	ND	2	29	1	2	3	38	.18	.103	14	26	.42	329	.08	2	1.98	.02	.12	1
14+50E 8+00N	1	28	2	105	.1	31	8	672	2.06	8	5	ND	2	37	1	2	2	35	.22	.128	12	31	.46	317	.08	5	1.75	.03	.13	1
14+50E 7+50N	1	14	9	77	.1	13	5	640	1.32	3	5	ND	2	28	1	3	2	27	.20	.030	6	19	.24	159	.06	2	.74	.02	.10	2
14+50E 7+00N	1	26	8	70	.2	19	6	299	1.70	8	5	ND	3	33	1	2	2	30	.25	.027	15	21	.29	146	.07	2	1.57	.03	.09	1
14+50E 6+50N	1	20	6	98	.2	19	6	530	1.72	12	5	ND	3	34	1	2	3	30	.20	.135	14	17	.26	267	.07	2	1.73	.02	.07	1
14+50E 6+00N	1	20	9	88	.2	16	5	525	1.76	30	5	ND	4	31	1	2	2	31	.17	.159	15	17	.23	181	.07	5	1.81	.02	.07	1
14+50E 5+50N	1	14	5	67	.1	11	4	465	1.19	13	5	ND	1	21	1	2	2	23	.11	.070	7	13	.16	131	.05	2	1.05	.03	.05	1
14+50E 5+00N	1	97	11	47	.3	21	5	421	1.25	28	5	ND	2	74	1	2	2	24	.70	.022	29	17	.24	89	.05	2	1.15	.04	.06	2
14+50E 4+50N	1	16	11	86	.2	13	6	600	1.63	11	5	ND	2	26	1	2	2	31	.19	.049	10	19	.27	207	.06	5	1.19	.02	.10	1
14+50E 4+00N	1	33	7	125	.2	25	7	418	2.13	211	5	ND	4	30	1	2	2	38	.30	.042	18	26	.41	141	.08	5	2.22	.03	.09	1
14+50E 3+50N	1	24	10	119	.1	20	7	523	1.99	36	5	ND	3	24	1	2	2	36	.27	.088	10	24	.39	158	.08	5	1.88	.03	.10	1
14+50E 3+00N	1	31	10	96	.1	19	8	515	1.76	30	5	ND	1	16	1	2	2	31	.16	.071	10	17	.30	170	.07	3	1.87	.03	.12	1
14+50E 2+50N	1	31	10	110	.1	18	6	729	1.62	28	5	ND	3	23	1	2	2	29	.19	.094	9	18	.29	163	.06	6	1.59	.03	.09	1
14+50E 2+00N	1	29	14	85	.2	18	7	452	2.18	14	5	ND	4	26	1	2	2	40	.18	.088	17	26	.37	176	.09	3	2.04	.02	.17	1
14+50E 1+50N	1	27	8	78	.1	16	6	558	1.65	20	5	ND	2	22	1	2	3	29	.17	.085	9	27	.33	144	.07	5	1.69	.03	.11	1
14+50E 1+00N	1	28	12	110	.1	21	7	546	1.90	13	5	ND	3	29	1	2	2	34	.27	.079	12	33	.38	189	.07	4	1.65	.02	.16	1
14+50E 0+50N	1	22	10	69	.1	12	5	643	1.31	8	5	ND	2	22	1	2	3	25	.17	.072	9	23	.25	153	.05	4	1.15	.03	.08	1
14+50E 0+00N	1	22	7	77	.1	18	5	330	1.66	15	5	ND	2	22	1	3	2	33	.14	.056	8	25	.32	117	.05	4	1.17	.02	.09	1
14+75E 17+00N	2	39	7	90	.1	29	11	773	2.66	28	5	ND	3	32	1	2	2	53	.25	.062	18	41	.59	201	.09	7	1.73	.02	.23	1
STD C	19	59	40	133	7.4	69	29	1042	3.95	40	21	8	39	52	18	17	19	57	.47	.087	39	61	.87	178	.07	33	1.93	.06	.14	12

SAMPLE	NO	CU	PB	ZK	AG	HI	CO	MM	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	F	LA	CR	MG	BA	TI	B	AL	NA	K	Z	PPM
14+75E 16+75H	1	33	9	119	.1	27	9	911	2.55	18	5	ND	4	37	1	2	2	49	.28	.068	16	35	.51	219	.09	6	1.77	.03	.16	1	
14+75E 16+50H	1	37	12	126	.1	29	10	750	2.84	4	5	ND	4	42	1	3	2	53	.32	.069	22	40	.59	234	.11	6	2.06	.02	.18	1	
14+75E 16+25H	1	44	8	195	.1	38	11	551	2.78	8	5	ND	4	41	1	2	2	47	.24	.168	15	41	.64	272	.11	3	2.31	.03	.13	1	
14+75E 16+00H	1	47	12	208	.1	67	14	762	3.58	2	5	ND	5	57	1	2	3	62	.45	.083	29	76	1.14	270	.16	9	2.68	.03	.20	1	
14+75E 15+75H	1	36	8	106	.1	18	6	924	1.47	2	5	ND	1	57	1	2	2	26	.47	.133	9	22	.30	224	.07	5	1.16	.04	.09	1	
14+75E 15+50H	1	22	9	214	.1	18	7	882	2.05	3	5	ND	3	39	1	2	2	37	.27	.164	12	24	.37	289	.08	5	1.56	.03	.11	1	
14+75E 15+25H	1	22	13	146	.1	23	7	891	1.84	7	5	ND	2	27	1	2	2	32	.17	.156	10	21	.29	200	.07	4	1.74	.03	.09	1	
14+75E 15+00H	1	36	13	117	.2	29	8	691	2.40	10	5	ND	3	32	1	2	2	46	.23	.097	17	34	.50	211	.09	5	1.68	.03	.14	1	
14+75E 14+75H	1	24	11	123	.1	27	7	353	2.08	6	5	ND	4	35	1	2	2	37	.26	.115	9	22	.34	224	.09	4	2.27	.03	.08	1	
14+75E 14+50H	2	31	11	228	.2	33	8	1351	2.16	13	5	ND	2	25	1	2	2	39	.22	.103	9	21	.35	319	.08	3	1.75	.03	.10	1	
14+75E 14+25H	2	32	16	310	.2	41	9	670	2.52	17	5	ND	3	25	1	2	2	41	.19	.087	12	34	.50	254	.07	5	2.16	.02	.11	1	
14+75E 14+00H	3	65	20	461	.1	65	11	476	2.96	25	5	ND	5	29	1	2	2	60	.26	.011	14	42	.68	161	.11	7	2.11	.03	.11	1	
15+00E 17+00H	1	33	8	102	.1	28	9	656	2.86	44	5	ND	5	39	1	2	2	55	.27	.039	18	41	.60	212	.11	3	1.88	.02	.22	1	
15+00E 16+75H	1	32	13	137	.1	30	10	735	2.87	17	5	ND	3	37	1	2	2	55	.31	.047	19	40	.58	277	.11	3	2.00	.02	.17	1	
15+00E 16+50H	1	35	8	112	.1	27	8	432	2.52	7	5	ND	3	41	1	2	2	48	.33	.112	18	34	.51	183	.10	5	1.86	.03	.13	1	
15+00E 16+25H	1	35	4	136	.1	26	9	825	2.54	7	5	ND	3	39	1	2	2	46	.27	.134	18	34	.49	257	.10	6	2.07	.03	.19	1	
15+00E 16+00H	1	27	11	160	.1	19	6	880	1.93	7	5	ND	3	41	1	2	2	31	.29	.229	11	24	.34	244	.09	5	1.93	.03	.09	1	
15+00E 15+75H	1	36	6	147	.1	23	8	755	1.94	4	5	ND	2	43	1	2	2	32	.34	.150	15	26	.39	206	.09	7	1.84	.04	.09	1	
15+00E 15+50H	1	24	7	191	.1	19	8	869	2.13	4	5	ND	2	40	1	2	2	42	.30	.156	10	24	.34	267	.08	3	1.35	.03	.10	1	
15+00E 15+25H	1	16	5	176	.2	22	6	608	1.58	10	5	ND	2	27	1	2	2	29	.24	.117	6	16	.25	181	.06	4	1.35	.03	.07	1	
15+00E 15+00H	2	31	11	251	.1	36	8	537	2.04	18	5	ND	2	28	1	2	2	38	.22	.116	11	22	.35	199	.07	5	1.68	.02	.11	1	
15+00E 14+75H	2	37	11	401	.1	58	11	866	2.49	23	5	ND	3	24	1	2	2	50	.20	.106	11	34	.52	412	.10	4	2.30	.02	.09	1	
15+00E 14+50H	1	30	9	171	.1	35	8	753	1.98	10	5	ND	3	23	1	2	2	35	.19	.112	13	25	.35	233	.09	5	2.23	.03	.08	1	
15+00E 14+25H	2	34	9	235	.1	47	9	716	2.49	21	5	ND	2	29	1	2	2	44	.20	.101	12	28	.49	304	.08	5	2.08	.02	.12	1	
15+00E 14+00H	2	21	7	304	.1	29	7	586	1.87	13	5	ND	3	20	1	2	2	33	.19	.049	9	25	.34	183	.08	5	1.94	.03	.07	1	
15+00E 13+50H	2	27	19	501	.1	39	8	860	2.10	28	5	ND	2	30	1	2	2	35	.23	.127	9	21	.36	178	.10	8	2.37	.03	.09	1	
15+00E 13+00H	2	15	11	304	.1	23	6	648	1.46	10	5	ND	2	24	1	2	2	26	.14	.078	7	14	.20	133	.07	8	1.46	.03	.06	1	
15+00E 12+50H	2	41	19	118	.1	26	8	671	2.51	17	5	ND	4	31	1	2	2	50	.21	.097	38	30	.51	179	.09	2	2.19	.02	.10	1	
15+00E 12+00H	1	41	13	231	.1	32	8	810	2.15	12	5	ND	3	40	1	2	2	41	.28	.090	21	24	.41	258	.09	4	1.85	.02	.11	1	
15+00E 11+50H	2	53	12	205	.1	40	11	1244	2.06	34	5	ND	3	32	1	2	2	35	.24	.106	12	20	.57	258	.10	3	2.33	.03	.12	1	
15+00E 11+00H	2	61	18	161	.2	27	12	2743	2.00	17	5	ND	1	27	1	2	2	37	.27	.114	9	15	.34	272	.03	4	1.91	.02	.07	1	
15+00E 10+50H	1	12	7	56	.1	3	2	1006	.64	4	5	ND	1	26	1	2	2	14	.31	.083	6	2	.08	140	.03	2	.47	.04	.04	1	
15+00E 10+00H	2	49	35	159	.1	26	10	1878	2.47	24	5	ND	4	46	1	2	2	39	.36	.153	142	17	.37	263	.10	6	2.72	.03	.14	1	
15+00E 9+50H	1	116	24	201	.4	44	14	885	2.86	44	5	ND	5	40	1	2	2	55	.25	.050	23	35	.64	339	.12	4	2.92	.03	.19	1	
15+00E 9+00H	1	42	9	146	.1	26	8	889	1.78	18	5	ND	2	27	1	2	2	31	.19	.116	10	19	.34	260	.08	3	2.00	.03	.09	1	
15+00E 8+50H	1	27	8	92	.1	20	7	1001	1.53	13	5	ND	1	27	1	2	2	30	.20	.050	7	19	.34	218	.06	6	1.04	.03	.14	1	
STD C	19	60	41	128	7.3	68	29	1045	3.99	39	19	8	38	51	18	16	18	57	.47	.084	39	62	.88	175	.07	33	1.89	.06	.14	12	

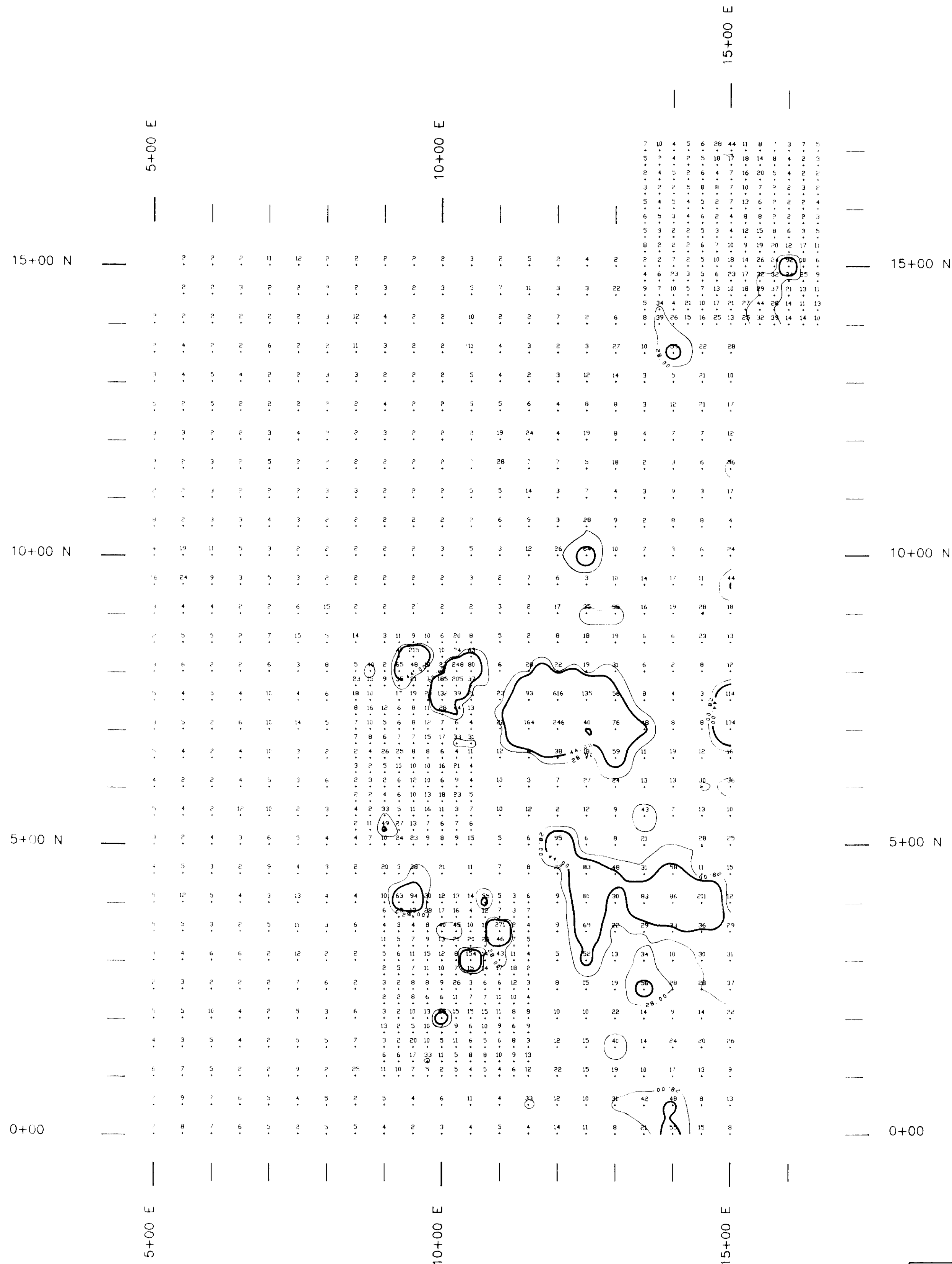


SAMPLE	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	H6	BR	TI	B	AL	MA	K	W
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH
15+00E 8+00N	1	22	6	99	.1	22	6	333	1.69	12	5	ND	2	22	1	2	2	26	.16	.072	7	17	.27	180	.07	5	1.73	.03	.09	1
15+00E 7+50N	2	48	55	141	1.7	23	7	702	2.41	114	5	ND	3	40	1	4	2	40	.27	.093	12	24	.35	231	.06	3	1.40	.02	.12	1
15+00E 7+00N	2	53	16	198	.1	33	12	1387	2.49	104	5	ND	2	42	1	2	2	33	.40	.111	9	35	.38	347	.07	2	1.42	.02	.14	1
15+00E 6+50N	1	28	7	93	.1	15	6	328	1.59	16	5	ND	3	30	1	2	2	26	.17	.080	12	14	.24	146	.07	2	1.54	.03	.08	1
15+00E 6+00N	1	90	10	46	.4	24	6	224	2.03	36	5	ND	3	74	1	2	2	30	.70	.028	29	23	.34	168	.09	2	2.26	.04	.07	1
15+00E 5+50N	1	20	11	60	.1	14	5	340	1.49	10	5	ND	3	16	1	2	2	28	.11	.071	7	14	.21	130	.04	5	1.19	.02	.04	1
15+00E 5+00N	1	38	11	72	.1	22	8	310	2.50	25	5	ND	6	28	1	2	2	48	.18	.087	22	23	.35	163	.09	3	1.97	.03	.12	1
15+00E 4+50N	1	34	10	169	.3	19	8	582	2.27	15	5	ND	5	37	1	2	2	39	.27	.187	21	21	.32	280	.08	4	1.94	.03	.11	1
15+00E 4+00N	1	19	11	151	.2	12	4	585	1.86	12	7	ND	3	25	1	2	2	33	.18	.148	11	18	.27	276	.04	4	1.21	.03	.09	1
15+00E 3+50N	1	23	9	116	.1	19	7	524	2.19	29	5	ND	3	21	1	2	2	38	.20	.102	9	23	.36	179	.08	2	2.02	.03	.09	1
15+00E 3+00N	1	33	16	125	.1	24	8	610	2.28	31	5	ND	4	21	1	2	2	40	.18	.087	11	27	.40	233	.08	7	2.01	.02	.10	1
15+00E 2+50N	1	44	13	114	.1	25	11	787	2.81	37	5	ND	5	27	1	2	2	49	.22	.094	21	36	.48	284	.10	2	2.54	.02	.14	1
15+00E 2+00N	1	44	6	116	.3	21	8	646	2.21	22	3	ND	3	30	1	2	2	37	.23	.168	16	21	.35	250	.08	5	2.03	.03	.13	1
15+00E 1+50N	2	30	11	113	.1	24	10	577	2.88	26	7	ND	3	27	1	2	2	49	.21	.044	12	30	.46	212	.08	6	2.63	.02	.18	1
15+00E 1+00N	1	18	9	67	.1	11	5	493	1.58	9	5	ND	1	21	1	2	2	29	.18	.048	6	19	.26	141	.06	8	1.27	.03	.14	1
15+00E 0+50N	1	28	8	90	.1	18	7	450	2.00	13	5	ND	3	25	1	2	2	34	.14	.076	12	22	.32	199	.07	4	1.83	.02	.11	1
15+00E 0+00N	1	19	9	82	.1	17	7	362	2.20	8	5	ND	3	28	1	2	2	38	.20	.051	16	24	.34	214	.08	3	1.73	.02	.17	1
15+25E 17+00N	1	39	9	124	.2	27	9	582	2.49	11	5	ND	6	34	1	2	2	47	.27	.101	21	32	.50	228	.10	2	2.05	.02	.17	1
15+25E 16+75N	1	30	9	131	.2	24	9	443	2.55	18	5	ND	4	38	1	2	2	44	.27	.101	15	30	.49	204	.10	5	1.98	.03	.12	1
15+25E 16+50N	1	32	10	136	.1	25	8	646	2.31	16	5	ND	3	30	1	2	2	39	.19	.091	11	28	.44	230	.09	5	1.96	.02	.12	1
15+25E 16+25N	1	31	6	112	.1	20	7	429	1.99	10	5	ND	4	23	1	2	2	32	.13	.143	12	20	.32	201	.08	7	2.00	.03	.08	1
15+25E 16+00N	1	40	9	78	.1	24	9	399	2.98	13	5	ND	6	43	1	2	2	59	.28	.080	28	36	.53	120	.09	2	1.47	.02	.14	1
15+25E 15+75N	1	43	13	155	.1	25	8	502	2.93	8	5	ND	5	47	1	2	2	49	.30	.085	32	31	.44	234	.10	4	2.78	.03	.13	1
15+25E 15+50N	1	26	5	122	.3	23	8	323	2.17	12	5	ND	3	35	1	2	2	38	.26	.134	12	23	.33	186	.09	3	2.09	.03	.09	1
15+25E 15+25N	2	15	8	333	.2	32	6	753	1.45	9	5	ND	2	24	1	2	2	29	.20	.035	8	16	.25	243	.08	4	1.53	.04	.08	1
15+25E 15+00N	2	33	10	263	.2	33	8	480	2.58	14	5	ND	4	24	1	2	2	47	.19	.026	13	28	.48	316	.08	4	1.87	.02	.15	1
15+25E 14+75N	2	24	8	360	.1	32	6	448	2.31	17	5	ND	2	23	1	2	2	44	.16	.021	11	27	.46	259	.08	3	1.82	.02	.14	1
15+25E 14+50N	2	32	12	244	.1	36	8	661	2.17	18	5	ND	2	25	1	2	2	40	.21	.042	10	25	.42	273	.07	6	1.82	.03	.12	1
15+25E 14+25N	2	32	13	399	.1	37	9	602	2.32	27	5	ND	2	25	1	2	2	39	.16	.043	12	25	.46	292	.08	5	2.31	.03	.14	1
15+25E 14+00N	2	33	16	325	.2	36	9	625	2.42	25	5	ND	4	32	1	2	2	42	.22	.102	11	28	.46	288	.08	2	2.14	.03	.12	1
15+50E 17+00N	1	36	8	141	.1	29	9	505	2.72	8	5	ND	5	34	1	2	2	48	.25	.108	18	32	.51	261	.10	3	2.26	.03	.14	1
15+50E 16+75N	1	19	6	121	.1	18	7	540	1.95	14	5	ND	1	22	1	2	2	34	.17	.075	8	24	.35	183	.08	2	1.54	.03	.09	1
15+50E 16+50N	1	38	8	98	.1	23	9	453	2.45	20	5	ND	4	30	1	2	2	43	.19	.135	18	26	.41	178	.10	4	2.20	.03	.11	1
15+50E 16+25N	1	25	7	100	.1	20	7	323	2.42	7	5	ND	5	35	1	2	2	47	.22	.081	18	24	.34	137	.07	5	1.50	.02	.08	1
15+50E 16+00N	1	22	9	141	.1	18	7	463	2.15	6	5	ND	3	41	1	2	2	37	.25	.188	12	22	.32	179	.08	5	1.94	.03	.08	1
15+50E 15+75N	1	15	9	108	.1	15	5	461	1.74	8	5	ND	3	34	1	2	2	30	.20	.145	9	15	.23	229	.07	5	1.65	.03	.07	1
STD C	19	59	41	131	7.3	48	29	1030	4.14	41	19	7	39	52	18	18	20	56	.46	.087	38	61	.86	181	.06	33	1.93	.06	.13	12

SAMPLE#	NO PPM	CU PPM	PN PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MM PPM	FE PPM	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CO PPM	SB PPM	BI PPM	V PPM	CA PPM	P PPM	LA PPM	CR PPM	MG PPM	BA PPM	TI PPM	B PPM	AL PPM	MA PPM	K PPM	M PPM
15+50E 15+50N	2	30	3	141	.2	37	9	513	2.26	15	5	ND	4	30	1	2	2	49	.22	.071	11	28	.46	255	.09	2	1.51	.02	.14	1
15+50E 15+25N	3	38	10	261	.2	42	9	738	2.57	19	5	ND	4	34	1	2	2	48	.23	.041	14	25	.45	334	.09	5	2.27	.02	.17	1
15+50E 15+00N	3	32	12	505	.2	43	11	1500	2.58	26	5	ND	3	28	2	2	2	46	.21	.131	12	22	.42	440	.09	5	2.09	.03	.13	1
15+50E 14+75N	3	31	12	347	.3	43	10	742	2.74	32	5	ND	4	28	1	2	2	55	.22	.088	12	28	.50	237	.10	3	2.20	.02	.11	1
15+50E 14+50N	3	47	16	253	.1	50	11	813	3.01	29	5	ND	4	30	1	2	2	61	.24	.049	16	34	.63	327	.10	2	2.51	.02	.13	1
15+50E 14+25N	2	42	21	252	.4	51	10	625	2.50	44	5	ND	4	26	1	2	2	48	.22	.102	12	27	.51	346	.09	2	2.15	.02	.14	1
15+50E 14+00N	2	61	19	181	.1	45	12	588	3.15	32	5	ND	4	26	1	2	2	69	.22	.042	18	38	.73	245	.11	6	2.36	.02	.20	1
15+75E 17+00N	2	43	8	122	.1	31	11	608	2.66	7	5	ND	5	34	1	2	2	54	.27	.100	19	32	.53	234	.10	7	1.89	.02	.15	1
15+75E 16+75N	1	30	5	79	.1	21	8	295	2.31	8	5	ND	6	32	1	2	2	45	.21	.073	18	24	.41	174	.10	4	1.81	.03	.10	1
15+75E 16+50N	2	48	10	47	.1	28	8	297	2.39	5	5	ND	4	36	1	2	2	49	.40	.016	28	32	.47	116	.09	5	1.83	.05	.07	1
15+75E 15+25N	2	47	9	87	.4	30	9	416	3.02	2	5	ND	6	41	1	2	2	58	.38	.024	50	36	.55	153	.11	3	2.29	.03	.18	1
15+75E 16+00N	1	17	8	81	.1	14	6	508	1.91	2	5	ND	3	47	1	2	2	39	.30	.115	10	18	.30	193	.08	2	1.25	.03	.09	1
15+75E 15+75N	1	14	4	71	.1	11	5	641	1.60	2	5	ND	3	33	1	2	2	32	.21	.063	11	14	.24	201	.08	3	1.23	.04	.08	1
15+75E 15+50N	2	33	11	195	.1	35	9	545	2.45	8	5	ND	4	34	1	2	2	49	.24	.074	13	26	.46	304	.09	6	2.03	.03	.17	1
15+75E 15+25N	3	35	11	206	.1	36	10	799	2.69	20	5	ND	3	30	1	2	2	55	.26	.072	12	29	.52	305	.10	3	2.24	.02	.13	1
15+75E 15+00N	2	38	15	198	.2	33	10	796	2.76	24	5	ND	6	36	1	2	2	56	.33	.081	17	29	.51	272	.11	4	2.31	.02	.11	1
15+75E 14+75N	3	48	21	210	.1	47	10	665	2.82	32	5	ND	4	30	1	2	2	57	.22	.035	17	32	.63	315	.10	7	2.15	.02	.18	1
15+75E 14+50N	2	64	21	218	.3	52	12	675	2.88	37	5	ND	4	25	1	2	3	59	.20	.070	16	33	.62	292	.10	6	2.18	.02	.14	1
15+75E 14+25N	2	52	13	144	.2	40	11	1055	2.55	28	5	ND	4	37	1	2	2	53	.28	.098	16	29	.57	299	.09	3	1.96	.02	.15	1
15+75E 14+00N	2	77	27	156	.2	48	14	647	3.41	39	5	ND	6	28	1	2	2	75	.21	.077	18	38	.73	241	.11	6	2.45	.02	.17	1
16+00E 17+00N	1	16	6	44	.2	13	6	307	1.68	3	5	ND	3	38	1	2	2	39	.30	.059	17	16	.78	70	.06	4	.79	.02	.07	3
16+00E 16+75N	2	33	14	162	.2	28	8	1058	2.45	4	5	ND	5	41	1	2	2	38	.20	.114	20	26	.35	249	.09	4	2.72	.03	.10	1
16+00E 16+50N	1	25	8	105	.2	22	7	392	2.20	4	5	ND	4	34	1	2	2	37	.21	.154	18	22	.33	175	.10	5	2.32	.05	.10	1
16+00E 16+25N	1	19	13	62	.1	15	5	252	2.02	2	5	ND	3	36	1	2	2	43	.22	.022	18	22	.33	105	.10	6	1.38	.03	.12	1
16+00E 16+00N	1	16	6	72	.1	18	7	347	2.18	2	5	ND	4	33	1	2	2	43	.20	.161	12	21	.32	187	.09	8	1.57	.02	.12	2
16+00E 15+75N	1	18	9	93	.2	19	7	705	2.05	2	5	ND	4	33	1	2	2	40	.22	.063	15	19	.36	207	.09	2	1.60	.03	.13	1
16+00E 15+50N	2	28	12	120	.2	31	9	489	2.45	6	5	ND	4	32	1	2	2	49	.21	.084	15	25	.44	279	.09	4	1.89	.02	.16	1
16+00E 15+25N	3	37	11	120	.1	32	8	569	2.51	12	5	ND	4	28	1	3	2	52	.18	.046	14	28	.50	253	.09	7	1.57	.02	.19	1
16+00E 15+00N	6	85	32	199	.4	49	14	1588	3.63	92	5	ND	5	37	1	2	2	75	.24	.069	27	41	.85	391	.08	5	2.14	.02	.28	1
16+00E 14+75N	2	34	12	190	.1	43	10	1351	2.38	24	5	ND	3	32	1	2	2	47	.26	.087	14	25	.48	344	.09	3	1.82	.03	.14	1
16+00E 14+50N	2	41	14	156	.2	39	11	1413	2.70	21	5	ND	4	32	1	2	2	56	.28	.037	18	34	.59	332	.09	9	1.94	.02	.21	1
16+00E 14+25N	1	26	8	80	.1	19	7	1041	1.89	14	5	ND	2	20	1	2	2	40	.14	.050	8	20	.35	154	.06	4	1.48	.03	.08	1
16+00E 14+00N	2	34	10	111	.1	24	11	1331	2.11	14	5	ND	3	23	1	2	2	43	.23	.059	10	20	.40	226	.09	3	1.69	.03	.10	1
16+25E 17+00N	2	18	9	107	.1	23	7	694	2.21	7	5	ND	3	55	1	2	2	30	.30	.152	10	21	.28	256	.10	5	2.78	.03	.10	1
16+25E 16+75N	1	28	7	63	.1	20	7	271	1.91	2	5	ND	3	35	1	2	2	34	.21	.092	14	23	.32	168	.11	4	2.40	.04	.14	1
16+25E 16+50N	1	14	6	74	.1	17	5	342	1.80	2	5	ND	4	38	1	2	2	31	.13	.209	10	16	.24	191	.09	5	1.80	.03	.09	1
STD C	20	61	43	131	7.4	71	31	1097	4.04	41	19	8	39	55	19	15	19	59	.48	.093	41	60	.89	180	.07	35	1.89	.07	.14	12

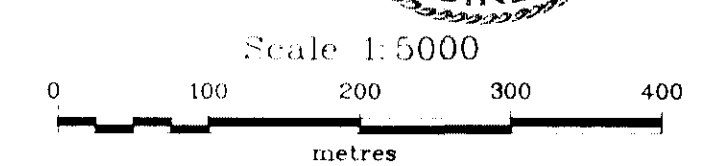
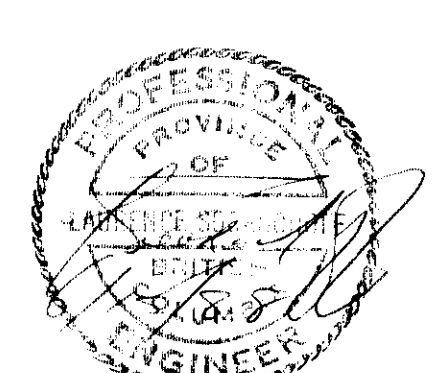
SAMPLE#	NO	CU	PB	ZN	AG	KI	CD	MN	FE	AS	U	AU	TH	SR	CO	SB	BI	V	CA	P	LA	CR	HG	BA	TI	B	AL	NA	K	W
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
16+25E 16+25H	1	23	7	74	.2	21	5	248	1.93	3	5	ND	2	35	1	2	2	33	.22	.023	22	22	.32	108	.08	4	1.61	.03	.09	1
16+25E 16+00H	1	20	5	50	.3	15	5	188	1.63	2	5	ND	4	30	1	2	2	29	.19	.014	17	18	.30	98	.07	2	1.26	.03	.10	1
16+25E 15+25H	1	21	4	54	.5	16	6	282	2.06	2	12	ND	7	35	1	2	2	43	.25	.036	21	23	.39	131	.08	2	1.11	.02	.14	1
16+25E 15+50H	1	6	4	53	.1	8	3	560	1.04	3	5	ND	1	25	1	2	2	41	.17	.050	6	10	.17	161	.05	2	.46	.02	.08	1
16+25E 15+25H	2	36	7	111	.2	26	8	577	2.31	17	5	ND	4	28	1	2	2	49	.19	.066	15	28	.46	259	.08	4	1.57	.02	.16	1
16+25E 15+00H	1	24	8	140	.1	24	6	456	1.75	10	5	ND	2	25	1	2	2	34	.18	.038	10	22	.38	323	.07	3	1.64	.02	.11	1
16+25E 14+75H	1	29	12	118	.1	25	6	558	1.96	23	5	ND	4	22	1	2	2	36	.14	.072	11	21	.39	235	.08	3	1.85	.02	.12	1
16+25E 14+50H	1	18	11	122	.1	19	5	813	1.44	13	5	ND	2	20	1	4	2	27	.16	.067	7	15	.27	228	.06	2	1.28	.02	.09	1
16+25E 14+25H	1	15	8	83	.1	11	5	900	1.32	11	5	ND	2	23	1	2	2	22	.14	.149	7	11	.19	209	.08	3	1.72	.02	.05	1
16+25E 14+00H	1	20	9	88	.1	15	5	630	1.51	14	5	ND	3	16	1	2	2	28	.11	.052	8	14	.25	145	.07	2	1.56	.02	.06	1
16+50E 17+00H	1	11	4	61	.1	14	5	318	1.70	5	5	ND	2	32	1	2	2	32	.19	.098	9	23	.29	114	.07	2	1.29	.02	.10	1
16+50E 16+75H	1	11	4	57	.1	13	4	286	1.57	3	5	ND	2	26	1	2	2	31	.12	.098	8	15	.23	124	.06	2	1.10	.02	.07	1
16+50E 16+50H	1	17	5	52	.1	17	5	201	1.79	2	5	ND	3	31	1	2	2	33	.16	.014	23	23	.35	101	.08	3	1.30	.02	.10	1
16+50E 16+25H	1	16	4	53	.1	17	5	213	1.63	2	5	ND	3	28	1	2	2	31	.18	.021	24	21	.30	88	.07	2	1.15	.02	.09	1
16+50E 16+00H	1	14	5	90	.2	20	6	270	2.01	4	5	ND	3	40	1	2	2	33	.21	.102	12	23	.35	246	.08	4	1.85	.02	.19	1
16+50E 15+75H	1	15	5	83	.1	15	5	410	1.87	3	5	ND	4	27	1	2	2	37	.16	.047	12	21	.35	160	.08	3	1.12	.02	.17	1
16+50E 15+50H	1	23	11	85	.3	23	7	294	1.98	5	5	ND	5	24	1	2	2	36	.18	.100	15	23	.36	254	.08	2	1.67	.02	.11	1
16+50E 15+25H	1	20	3	98	.2	22	6	498	1.59	11	5	ND	1	25	1	2	2	28	.16	.090	9	15	.29	249	.06	3	1.41	.02	.12	1
16+50E 15+00H	1	14	8	98	.1	15	4	746	1.20	6	5	ND	1	19	1	2	2	23	.12	.039	5	15	.26	200	.05	3	1.04	.02	.08	1
16+50E 14+75H	1	17	5	108	.1	16	5	905	1.37	9	5	ND	1	29	1	2	2	24	.22	.138	6	13	.23	250	.06	2	1.19	.02	.06	1
16+50E 14+50H	1	26	11	88	.3	17	6	657	1.84	11	5	ND	3	21	1	2	2	33	.16	.122	13	19	.31	158	.08	4	1.88	.02	.07	1
16+50E 14+25H	1	27	9	141	.1	24	6	475	1.94	13	5	ND	3	31	1	2	2	36	.20	.093	13	19	.33	212	.09	4	1.90	.02	.11	1
16+50E 14+00H	1	22	4	134	.1	19	6	562	1.75	10	5	ND	3	26	1	2	2	32	.16	.083	12	19	.30	218	.08	4	1.63	.02	.08	1
STD C	19	60	38	131	7.3	70	29	1062	4.05	40	19	8	39	52	18	18	20	58	.48	.085	39	62	.89	178	.07	35	1.90	.06	.14	11





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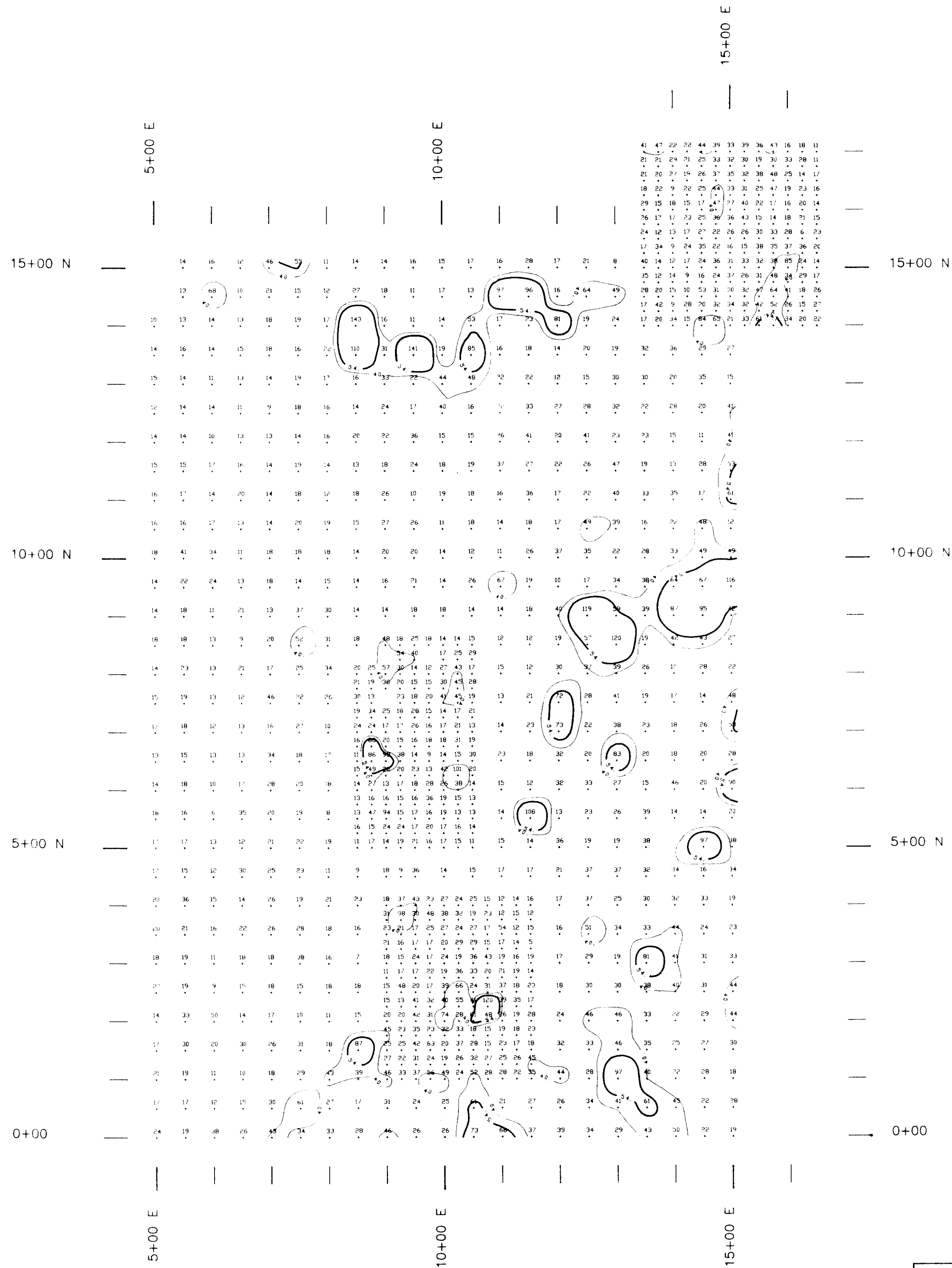


LEGEND  
 Sub Anomalous Threshold Value: 28 ppm  
 Anomalous Threshold Value: 44 ppm

**PRICAM EXPLORATION INC.**  
 LOUISE CLAIM GROUP  
 GREENWOOD M.D.  
**ARSENIC GEOCHEMISTRY**

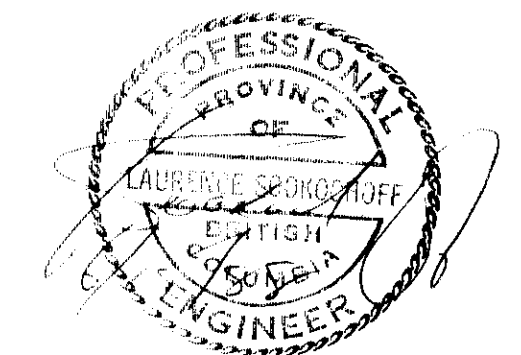
SCALE: 1:5000    DATE: Nov '87    N.T.S. 82E'2W    DRAWN BY: GEO-COMP    FIGURE: 5

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BRANCH  
REPORT

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Scale 1:5000  
0 100 200 300 400  
metres

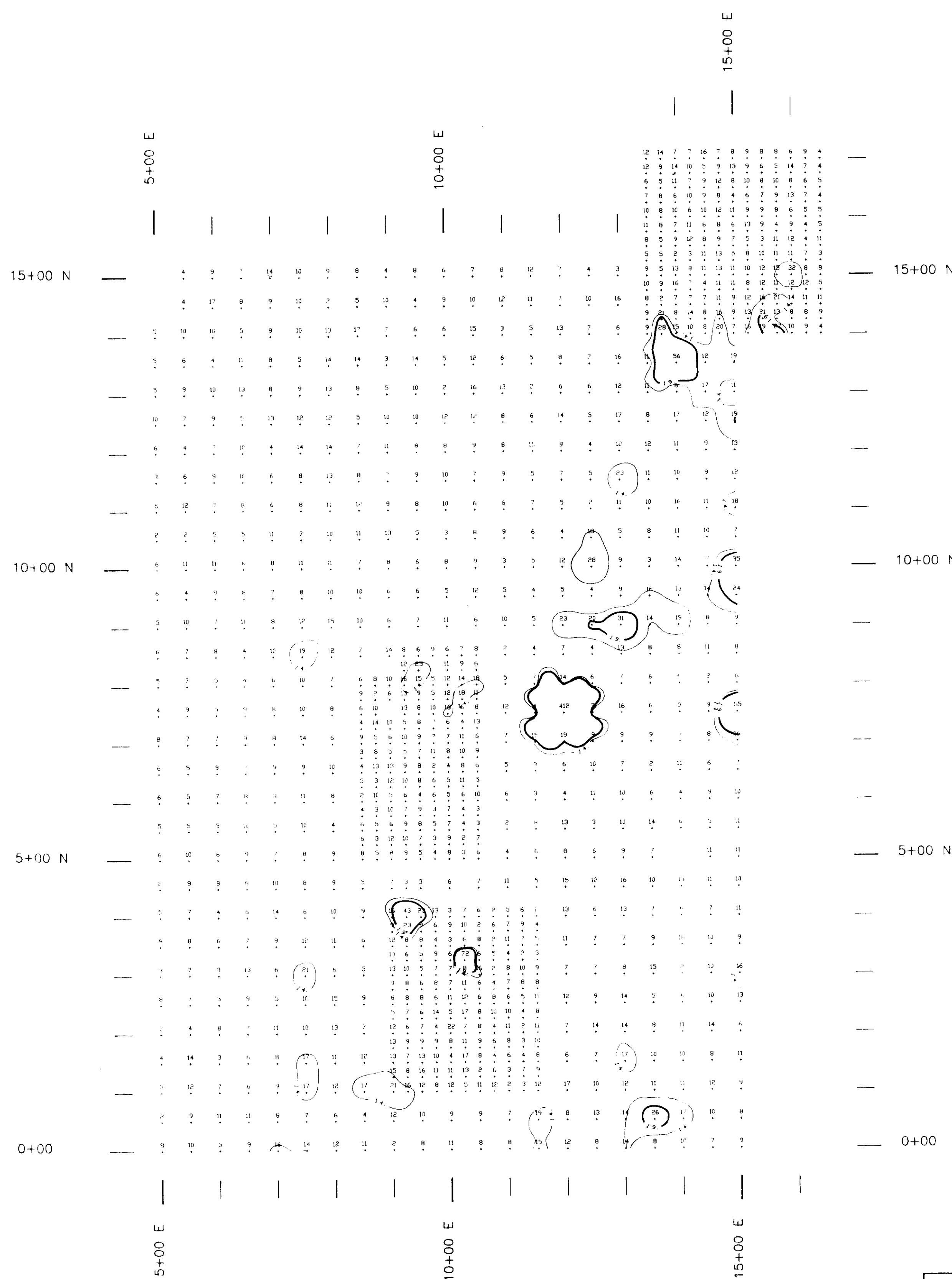
LEGEND

Sub Anomalous Threshold Value: 40 ppm - - - - -  
Anomalous Threshold Value: 54 ppm —————

PRICAM EXPLORATION INC.  
LOUISE CLAIM GROUP  
GREENWOOD M.D.  
COPPER GEOCHEMISTRY

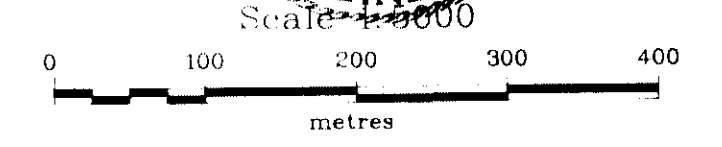
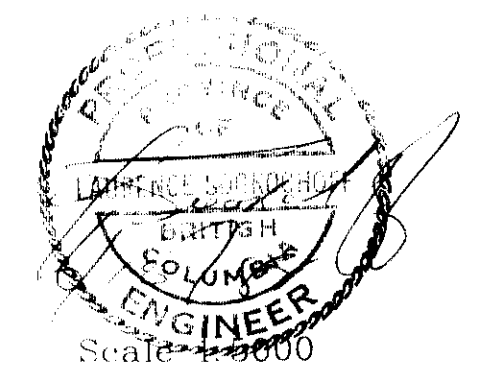
SCALE: 1:5000    DATE: Nov '87    N.T.S. 82E 2W    DRAWN BY: GEO-COMP    FIGURE: 6

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GEOCHEMISTRY BRANCH  
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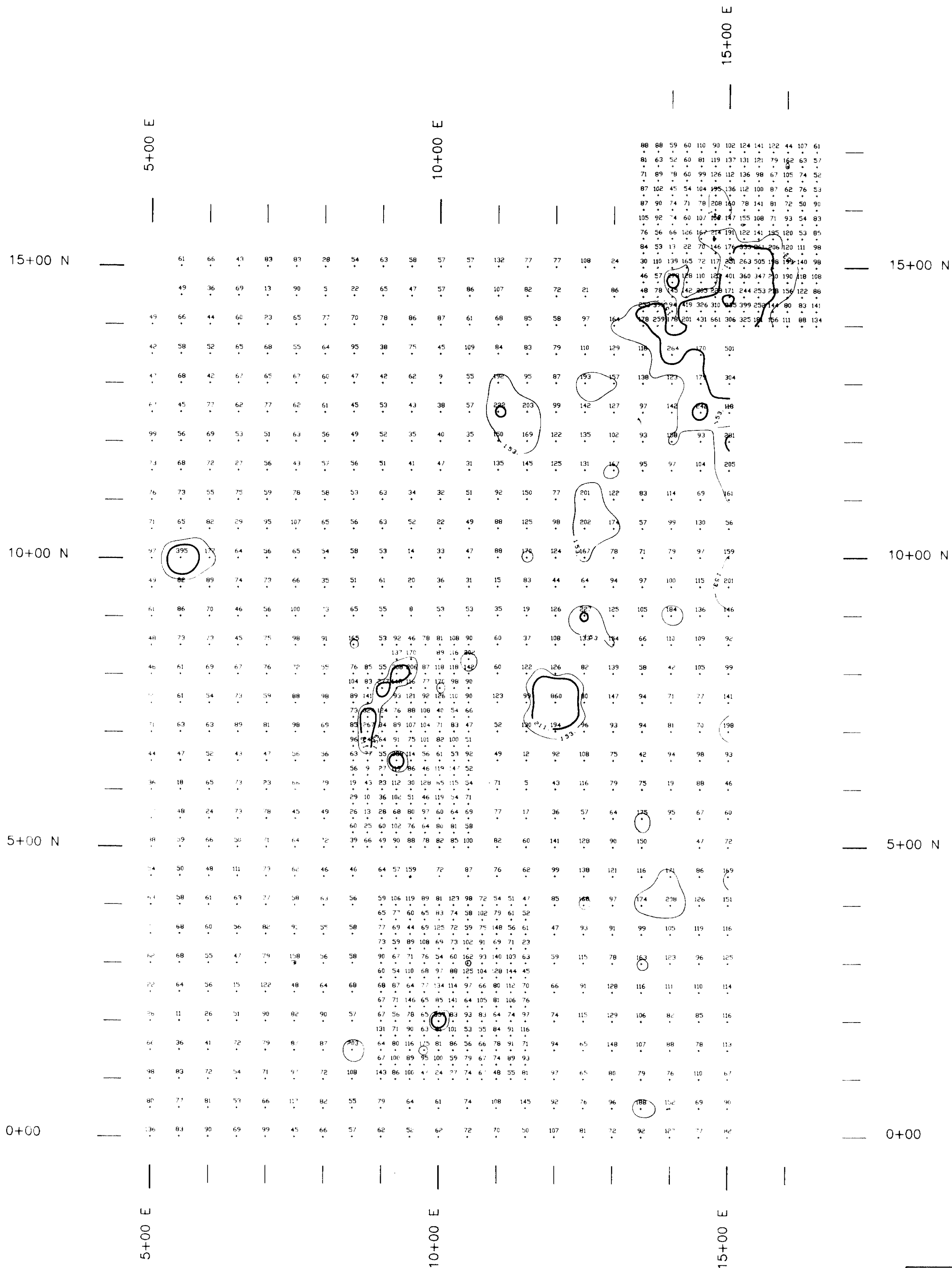


LEGEND  
Sub Anomalous Threshold Value: 14 ppm  
Anomalous Threshold Value: 19 ppm

**PRICAM EXPLORATION INC.**  
LOUISE CLAIM GROUP  
GREENWOOD M.D.  
**LEAD GEOCHEMISTRY**

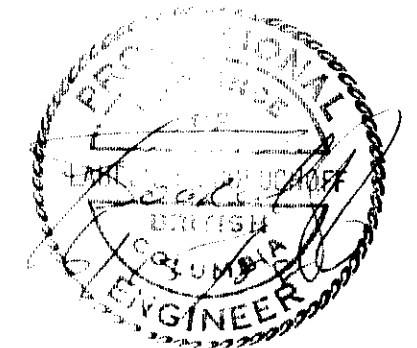
SCALE 1:5000	DATE Nov/87	NTS 82E 2W	DRAWN BY GEO-COMP	FIGURE 7
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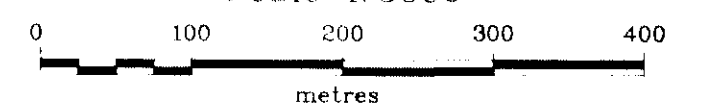


GREENWOOD M.D. BRANCH  
ANALYSIS REPORT

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Scale 1:5000



LEGEND

Sub-Anomalous Threshold Value: 153 ppm

Anomalous Threshold Value: 211 ppm

PRICAM EXPLORATION INC.

LOUISE CLAIM GROUP

GREENWOOD M.D.

ZINC GEOCHEMISTRY

SCALE  
1:5000

DATE  
Nov. 87

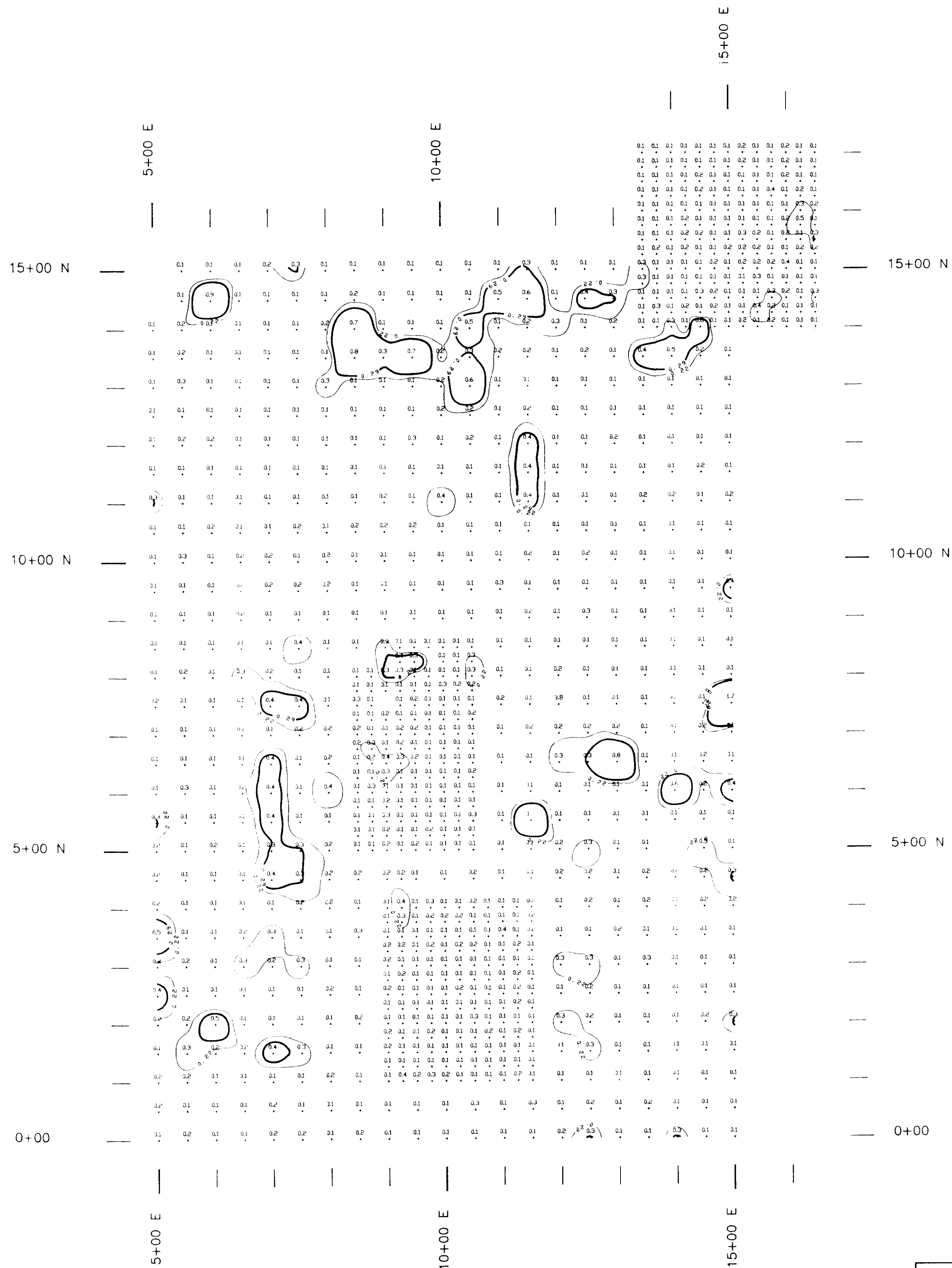
N.T.S.  
82E. 2W

DRAWN BY:  
GEO-COMP

FIGURE: 8

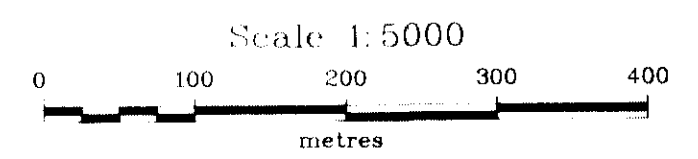
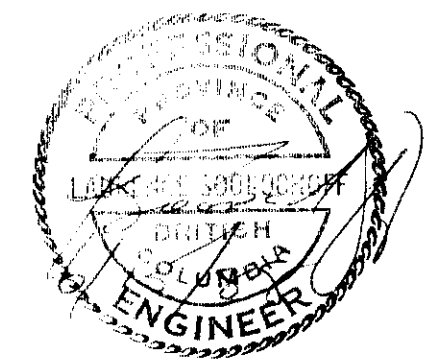
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GREENWOOD BRANCH  
GEOCHEMISTRY REPORT

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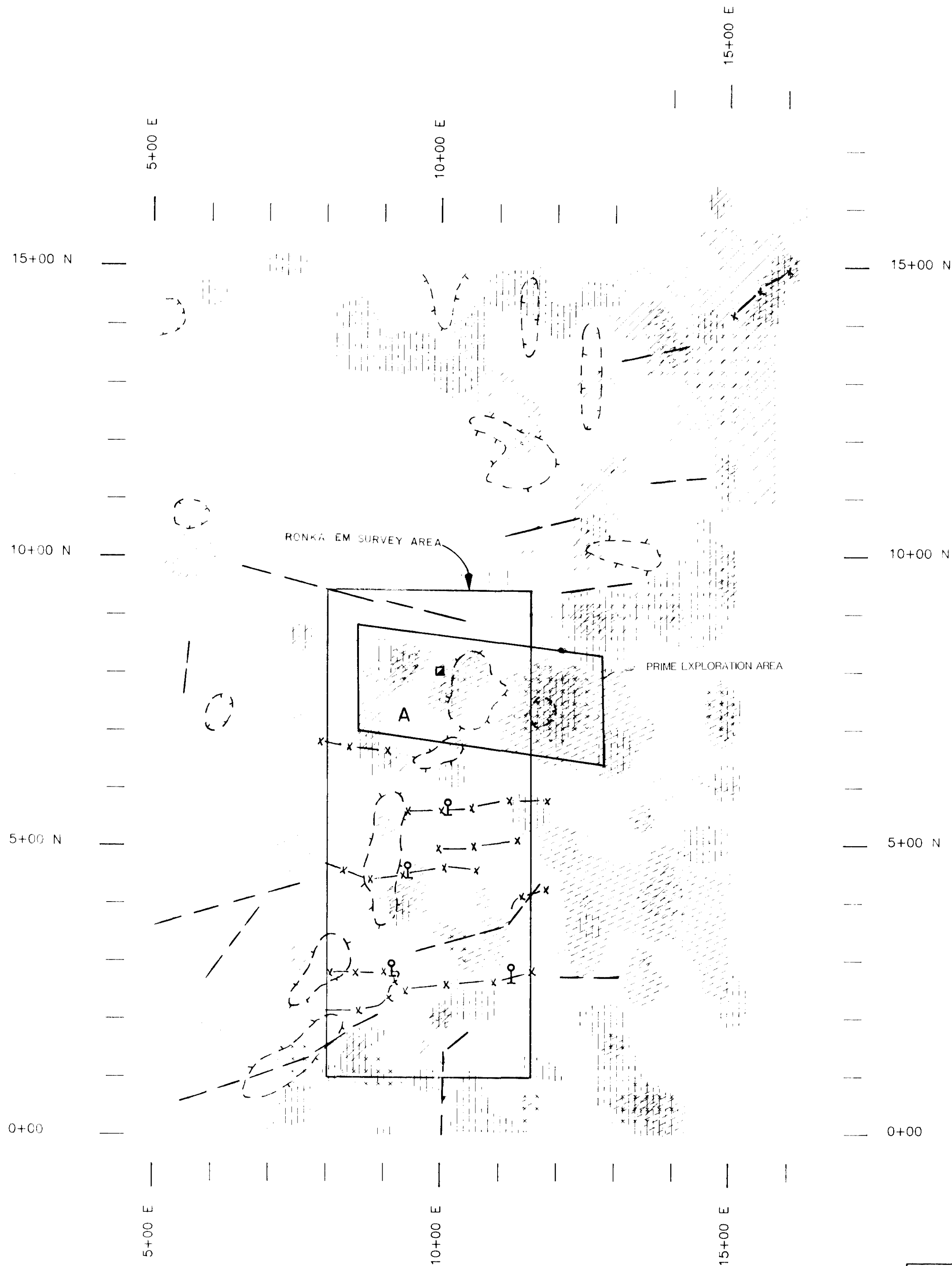


LEGEND

Sub Anomalous Threshold Value: 0.22 ppm  
Anomalous Threshold Value: 0.29 ppm

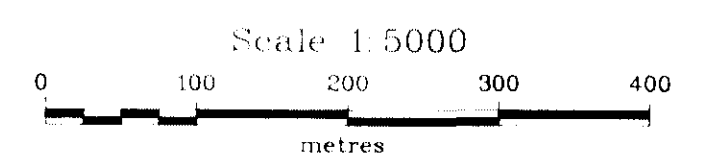
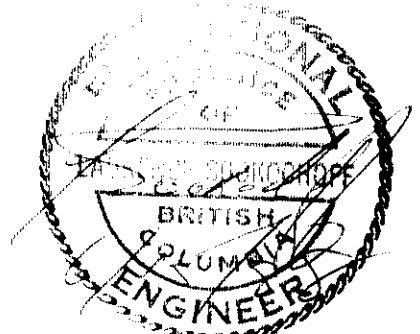
**PRICAM EXPLORATION INC.**  
LOUISE CLAIM GROUP  
GREENWOOD M.D.  
**SILVER GEOCHEMISTRY**

SCALE: 1:5000    DATE: Nov 87    N.T.S. 82E 2W    DRAWN BY: GEO-COMP    FIGURE: 9



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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LEGEND

- |                |                                  |                                 |
|----------------|----------------------------------|---------------------------------|
| Copper Anomaly | Silver Anomaly                   | Mag Hi                          |
| Zinc           | Lead                             | Mag Lo                          |
| Arsenic        | Anomalous & Sub Anomalous Values | EM Anomaly                      |
|                |                                  | Ronka EM Anomaly (Presunka)     |
|                |                                  | Proposed drill holes (Presunka) |

PRICAM EXPLORATION INC.

LOUISE CLAIM GROUP

NICOLA M.D.

COMPILATION MAP

SCALE: 1:5000	DATE: Nov '87	NTS: 82E '2W	DRAWN BY: GEO-COMP	FIGURE 1C
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Sookchoff Consultants Inc.