GEOCHEMICAL ASSESSMENT REPORT

for

ZEPHYR RESOURCES LTD.

on the

APRIL CLAIM GROUP

Greenwood Mining Division NTS 82E/1E

January 30, 1988
Vancouver, B.C.

Sookochoff Consultants Inc.
Laurence Sookochoff, P.Eng.

TABLE OF CONTENTS

APPENDICES

ILLUSTRATIONS

GEOCHEMICAL ASSESSMENT REPORT
ON THE
APRIL CLAIM GROUP
FOR
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INTRODUCTION

During the 1987 exploration season, a geochemical exploration program was carried out on the April Claim Group. The program was directed to locating economic mineral zones leading to a potentially commercial operation. The exploration program was managed by Sookochoff Consultants Inc. under the direction and supervision of Laurence Sookochoff, P.Eng. and H. Kim, P.Geol., F.G.A.C.

This report summarizes the exploration results achieved to date on the April property and makes recommendations to test its potential for the gold-occurence in the listwanite, the copper-skarn deposit in the Brooklyn Group and the potential gold-bearing quartz veins in the greenstone of the Attwood Group. Various exploration field data and survey results are available at the offices of Sookochoff Consultants Inc. The information from these reports and field data achieved by S.C.I. was utilized in the preparation of this report.

SUMMARY

The April Claim Group consists of a contiguous 26 unit claim situated eight km northwest of Grand Forks and 10 km southeast of Greenwood, B.C.

The property lies in the historic Boundary Mining Camp embracing numerous precious mineral and base metal deposits which have been explored from the early 1900's. A former producer, the Phoenix Mine, located four km northwest of the subject property, produced 26,956,525 tonnes of ore containing 30,225 kilograms of gold, 92,055 kilograms of silver and 230,050 tonnes of copper (99.999 % Cu).

More recently, the Mount Attwood-Phoenix area, centrally located in the Boundary Mining Camp, has been under active exploration and development as a result of new discoveries of gold-silver bearing sulphide deposits on the Crown, Golden Crown, Sylvester K and Skylark Resources properties, all of which are within five km of the subject ground.

The Zephyr property is adjacent and to the north of the Athelstan Jackpot property where precious metal and copper production was intermittent from 1901 to 1940. A total of 16,739 metric tonnes mined from the Athelstan Jackpot is reported to have yielded 157,195 grams (5,054 ounces) of gold, 186,681 grams (6,002 ounces) of silver and 50,796 kilograms (111,984 pounds) of copper. Known gold-silver mineralization on the Athelstan Jackpot occurs associated with massive arsenopyrite and pyrite lenses within listwanite (talcose ankeritic serpentinite). The same lithologic and mineralogic

conditions appear to continue onto the northwestern sector of the subject property, on which massive arsenopyritic sulphides hosted by ankeritic talcose serpentine returned significant gold values up to 0.42 oz/ton Au over a true width of 2.5 feet (0.76 m).

The eastern sector of the Zephyr property is underlain by the Permo-Carboniferous Attwood Group consisting mainly of volcanic formation (greenstone). Greenstone in this sector hosts several small 'shear zone' sulphide-quartz lenses with appreciable copper and gold values (to 1.2% Cu and 575 PPb Au). Whilst these shear-quartz veining systems in the greenstone lithology are limited in number and area extent, a potential for more significant precious metal deposits should exist in the eastern sector of the April claims where the Attwood Group greenstone dominates the surface geology. In this regard, Church (1985 and 1986) gives a special note: "Significant mineral production has been realized from the argillites and volcanic formations of the Attwood Group. This production is mostly from precious metal vein systems related to faults and fractures satellitic to plutonic intrusions." The April property embraces all necessary geological features mentioned.

Silt and soil sampling in the vicinity of the easterly flowing Skeff Creek within the northwestern sector of the property returned values up to 0.44 oz Au/ton and 6.48 oz Ag/ton. Skeff Creek has recently (1986) been designated as a placer creek where placer claims are allowed. In addition, July Creek paralleling Highway #3 through the eastern portionof the property is a placer gold bearing stream.

As a result of a 1987 recce geochemical survey and recce and detailed geophysical surveys three prime areas for continuing exploration were delineated. A follow-up exploration program is warranted.

PROPERTY

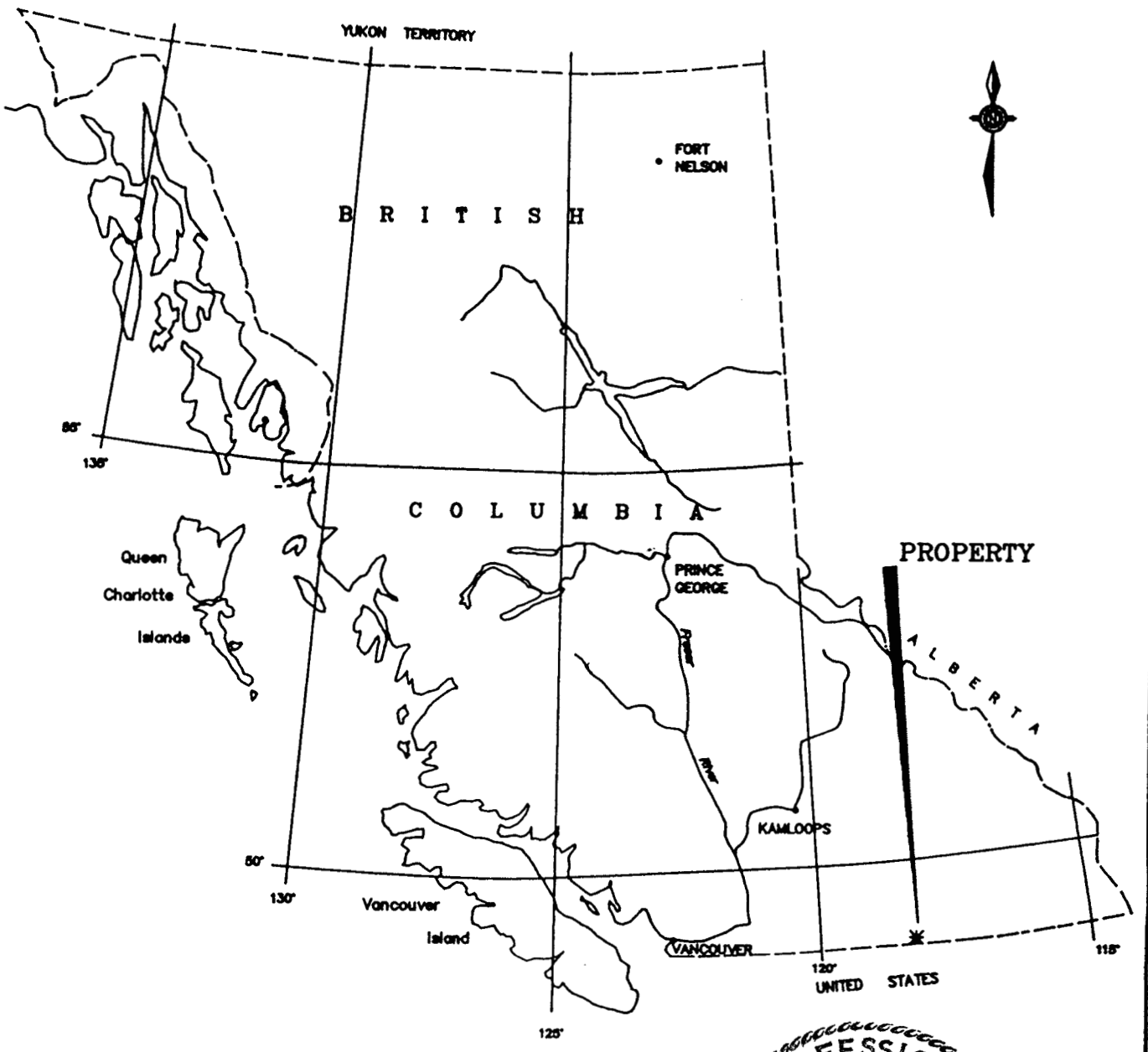
The April Claim Group consists of two contiguously located mineral claims and one reverted crown grant witin the Greenwood Mining Division. Particulars are as follows:

Claim name	Units	Lot No.	Record Number	Expiry date*
Attwood	20		4560	Apr 28, 1991
Add	5		4571	May 5, 1991
Betts (Rev. C.G.)		3056	4706	Aug 7, 1991

*Upon approval of three years assessment work filed December 31, 1987 for which this report forms a part thereof.

LOCATION AND ACCESS

The April property is located nine km in a direct line northwest of Grand Forks and in the Greenwood Mining Division. Grand Forks is 530 km east of Vancouver and 90 km west of Trail, where Cominco's smelting plant is situated. In the Canadian National Topographic System (NTS), the property is within the map sheet, Greenwood, 82E/2.



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ZEPHYR RESOURCES LTD.

APRIL CLAIM GROUP

GREENWOOD M.D.

LOCATION MAP

SCALE	DATE	N.T.S.	DRAWN BY	FIGURE 1
as shown	Oct.'97	82E/2	H.Kim P.Geol	

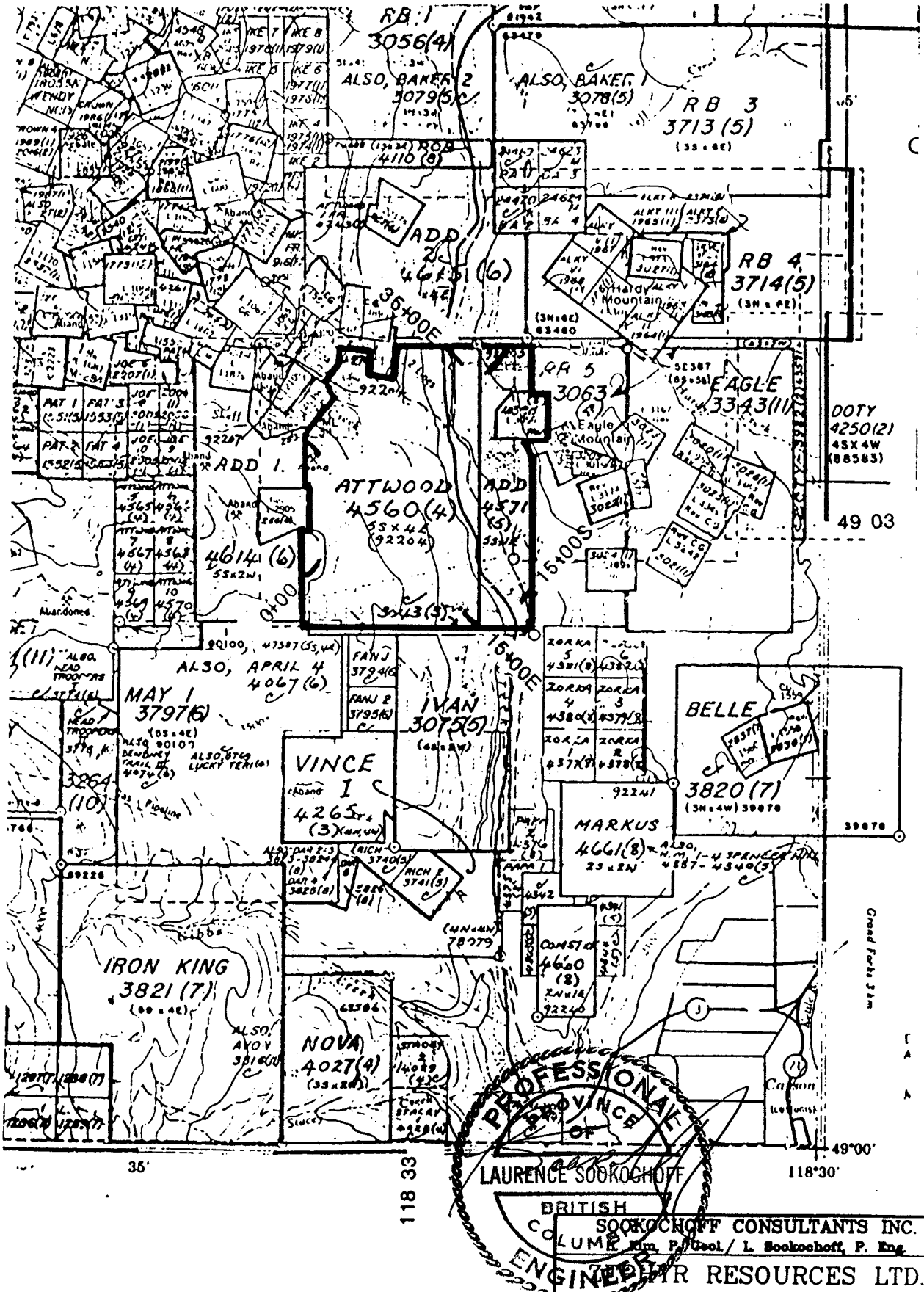
The property is readily accessible by taking Highway 3 north from Grand Forks for 12.8 km and then turning off sharply toward the west to a road to July Creek. From July Creek, winding logging roads provide access to the major showings of the property. Also, numerous jeep trails and power line service roads provide good access to the eastern portion of the property.

Most goods and services including a labour force are available in Greenwood, 23 km by road to the northwest, as well as in the larger centre of Grand Forks.

PHYSIOGRAPHY, CLIMATE, WATER AND POWER

The April property covers both sides of July Creek which flows due south and parallels Highway No. 3. July Creek marks an open intervening valley between Mt. Attwood (1,676.4 m above sea level) on the west and Eagle Mountain (1,133 m above sea level) on the east. The ground to the west of July Creek slopes moderately to steep eastward and elevations vary from 830 m above sea level at July Creek to 1,254 m at a ridge top to the southwestern corner. The ground east of July Creek is also moderately steep, facing westward with a maximum elevation of 1,270 m on the eastern edge of the property.

A prominent topographic feature of economic interest on the property would be the easterly flowing Skeff Creek on the northern sector of the claims, where a stream bed and soil samples returned gold-silver values of up to 0.44 oz/ton Au and 6.48 oz/ton Ag.



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APRIL CLAIM GROUP

GREENWOOD M.D.

CLAIM & INDEX MAP

SCALE	DATE	N.T.S.	DRAWN BY	FIGURE 2
1:50,000	Oct '87	82E/6	L.Sookochoff P.Geol	

In general, the area to the west of July Creek is forested with little exposures except the clearings along the two hydro power line service roads and in locally logged areas (Fig. 5). The east side of the highway is also densely forested, but contains more exposures with several bluffs in local areas.

The property is situated within a dry belt of Interior B.C. The climate is moderately mild with low summer precipitation and moderate winter snowfalls. Annual precipitation is in the order of 40 cm. The regional temperature ranges from -15° to +40°C. Fresh snow in the area comes by beginning of November and is snowfree by the first week of May.

Sufficient water for exploration and development would be available from Skeff Creek, May Creek, July Creek or from their various upstream tributaries. Sand and gravel would be readily available in the area of glacial fluvium cover on the south side of Skeff Creek.

A B.C. Hydro power line passes through the southern edge of the property with a gas pipeline within one km to the south of the property.

TRANSPORATION AND SUPPLIES

A Canadian Pacific Railway line passes through Grand Forks. Castlegar, 90 km east of Grand Forks is serviced daily by commercial airlines. Most exploration and industrial supplies would be available at Grand Forks.

HISTORY

History of mineral exploration in the Boundary Mining District stems from the discovery of placer gold near Boundary Falls in 1884. In the 1890's, most of the significant deposits including those at Phoenix, Motherlode, Deadwood, Midway, Franklin and McKinney and Wellington camps had been found, followed by construction of copper smelting plants at Grand Forks, Greenwood and Boundary Falls and completion of railway into the Boundary Mining Camp in the 1900's. The major mine in the area was the Phoenix, 3.5 km northwest of the April claims. Total production from the Phoenix Mine to the closure in 1976 was 26,950,525 tonnes averaging 0.85 % copper, 0.033 oz/ton gold, and 0.20 oz/ton silver.

Among numerous camps in the Boundary district, of particular interest to the April Claim Group is the Wellington Camp. The Wellington Camp is typified by the Winnipeg, Athelstan Jackpot, and Lexington mines, which are situated in the immediate or adjacent areas and are related by their association with intrusive ultramafics (serpentine-listwanite).

The area covered by the April Claim Group includes a number of old prospects. The most significant works are the Wolfard showings in the central sector of the property. B.C. Ministry of Mines report records that in 1905 the Wolfard was developed by 120 feet of tunneling and 1000 feet of diamond drilling. "It is stated that the tunnel 'is all in ore' (probably in the neighbourhood of

one percent copper, and a diamond drill cut 384 feet of similar material with 44 feet of approximately 1.5% copper. Numerous surface workings are also reported including a second 55 foot tunnel and two shafts, 54 and 28 feet deep." (Hawkins 1983)

Several blast pits and tunnels within the listwanite-serpentine are seen on the northern sector but their history is unknown.

In the 1860's, Granby Mining Company, the former owner of the Phoenix Mine, carried out some I.P. and magnetic survey in the Wolfard area resulting in the delineation of two zones of favourable responses, but no follow-up was done. However, Tofino Mines Ltd. is carrying out follow-up work. In 1976 and 1977 completed some mapping, sampling and magnetics which revealed coincident anomalies. Thirteen percussion holes drilled in the Wolfard are reported to have yielded discouraging results. In 1979-1981, Atled Exploration Management Ltd (G. Gutrath, P.Eng) and Sawyer Consultant Inc (T. Hawkins, P.Geol.) carried out an exploration program on the April property for Banquest Resources Ltd. The program consisted of geochemical, magnetometer and geological surveys.

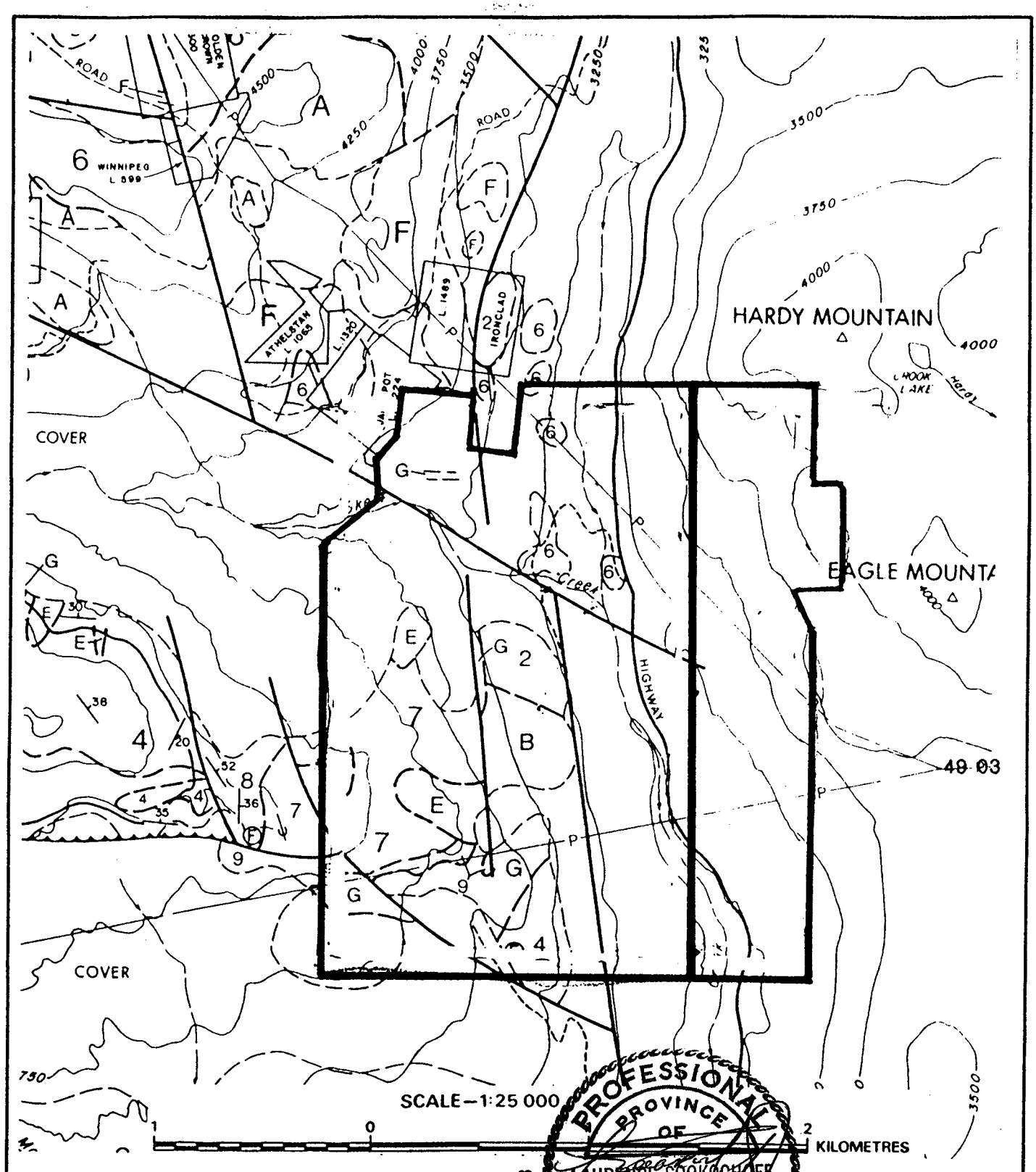
In 1984, a geological and geochemical survey was completed over a portion of the April claim group by G. H. Raynor, P.Eng. for Banquest Resources Ltd. A 1984 report by Raynor states that "there remains good potential, particularly in the northern part of the claims, to discover economic gold-copper mienralization. In particular, the glacial drift covered areas in the Skeff Creek watershed which have returned anomalous gold geochemical results warrant further investigation". However, the recommended followup program by Raynor was not implemented.

GEOLOGY

Regional Geology

A provincial paper 1986-2, "Geological Setting and Mineralization in the Mt. Attwood-Phoenix Area of the Greenwood Mining Camp" by B.N. Church updates the information on the regional geology and economic mineral deposits in the Boundary district. A geological report in the area by Kim (1975) forms a part of the Bibliography for the report by Church (1985 & 1986).

Church presented twenty-two map units in the Mt. Attwood-Greenwood Area. These include metamorphic, sedimentary, intrusive and extrusive igneous rocks ranging in age from Permo-Carboniferous to Tertiary that "reflect multiple episodes of deformation and igneous intrusion". The PHOENIX property occupies approximately a centre of this regional geological map. A portion of this map is presented in Fig. 3 of this report.



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ZEPHYR RESOURCES LTD.

APRIL CLAIM GROUP

GREENWOOD M.D.

REGIONAL GEOLOGY

AFTER CHURCH 1965 – 1966

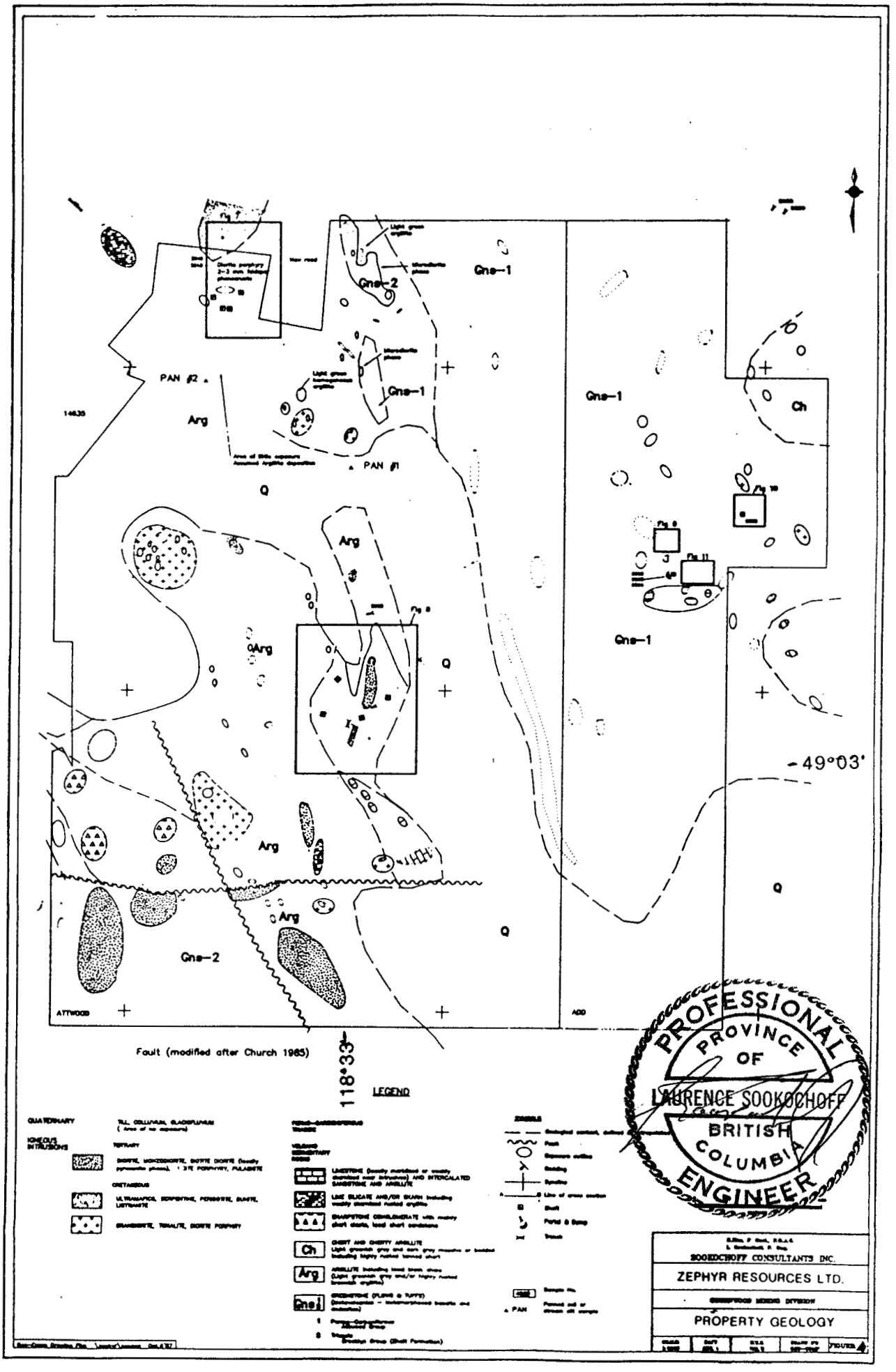
SCALE	DATE	N.T.S.	DRAWN BY	FIGURE
as shown	Oct.'97	082E/2	K.Kim P.Geol	3

Mineral deposits in the Phoenix-Boundary Mining Camp area vary, ranging from contact metasomatic skarn deposits with base metal occurences to fissure-controlled quartz veining and sulphide deposits carrying precious metal values. Other mineral occurences of note that have received attention are the Lexington copper-gold deposit and the Tam O'Shanter epithermal vein mineralization associated with Tertiary faults.

Property Geology

In general, the igneous rock exposures on the property are prominent whereas the sedimentary rocks show little outcrop. The central northern sector straddling Skeff Creek is mostly covered by widespread glacial fill and densely timbered with windfalls. Because of this handicap to geological mapping, a stratigraphy on the property has not been detailed. Within the context of this geological mapping, the following descriptions of the lithologic units and their relations proceed in ascending stratigraphic order.

The Permo-Carboniferous Attwood Group is the oldest formation mapped on the property. Although the unit is regionally composed of chert pebble conglomerate, limestone, argillite and volcanic rocks (Church 1986), in the property it is dominantly greenstone with minor limestone. More specifically, the greenstone is described as"amphibolitized metabasalt" (Church's map unit 6) and forms numerous outcrops on the eastern sector of the


Gns-1
Gns-2
Arg
Ch
Q
PAN #2
PAN #1
-49°03'
118°33'
Fault (modified after Church 1985)
LEGEND
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PROPERTY GEOLOGY

property. The greenstone in hand specimen is massive, chloritic and aphanitic to fine grained. This rock unit hosts several quartzand massive sulphide veins with significant gold and copper values. Church (1986) notes significant mineral production has been realized from this unit. "This production is mostly from precious metal vein systems related to faults and fracture satelitic to plutonic intrusions."

The western half part of the claims is underlain by the Brooklyn Group of Triassic sequence. The contact relationship between the Attwood and Brooklyn Groups on the property could not be observed due to lack of exposure. The Brooklyn Group consist of limestone, argillite, sharpstone conglomerate and volcanic rock (Eholt formation - Church's map unit 9). The Eholt formation on the property forms a small exposure on the southern edge and consists mainly of volcanic breccias and volcaniclastic rocks. Mineralization of any sort was rarely noted in this rock unit in the field.

Both the Attwood and Brooklyn Groups are intruded by plutonic rocks of Tertiary to Triassic time. The most prevalent igneous intrusions on the property are Cretaceous granodiorite stocks and dykes and irregular ultrabasic bodies which invaded the various lithologic units of the Brooklyn Group on the northern, western and southwestern sectors of the property. Lime silicate - skarn deposits occur within the apparent underlying or exposed granodiorite contact zone (Wolfard showings-Fig. 8).

Mineralization in the Brooklyn rocks mentioned would be the most significant source of the productive ore in the Greenwood area. More than 31 million tons of skarn rocks within the Brooklyn Group were processed for extraction of copper, gold and silver from the Phoenix, Oro Denoro, Motherlode and other mines in the area. The skarn deposits occur commonly within the Brooklyn limestone but local skarnification is seen also in the argillite and sharpstone conglomerate (Fig. 5 and Church 1986). The serpentinized ultrabasic rock outcrops on the northern edge of the property. Church (1986) gives a special note in regard to this rock exposure:

> "The large mass of ultrabasic rock north of Skeff Creek has been offset from the main ultrabasic rock at Neff Creek (four km northeast of Skeff Creek) by an important fault trending northerly subparallel to July Creek. These ultrabasic rocks are associated with 'Old Diorite'."

The serpentinized ultrabasic rocks mapped are massive or schistose. The massive one is compact, hard, dark green to black peridotitic phase, whereas the schistose is diagnostically soft, olive green or yellow, friable with greasy lustre. The sheared marginal phases of the serpentinite are commonly altered to rustily brown, talc carbonate schists. This altered serpentinite is referred to as 'listwanite'. Significant gold-copper mineralization with recorded production is reported from quartzsulphide-quartz veins within the listwanite on the northerly adjoining Athelstan Jackpot Property. The same lithology and mineralization has been extended into the northern sector of the property (Fig. 7).

The structural geology of the area is relatively complex. In general, the Brooklyn sedimentary trend is in a northwest to northerly direction but original bedding has been disturbed or complicated by alteration, shearing, faulting and folding. Shown on Figs. 4 and 5, major northwest block faults, compounded by east-west thrusting, disrupt the regional geology, including the claim area. Such faulting might have resulted in syngenetic shearingtrending northwest at the property and surrounding claims, provided channels for mineralizing solutions and igneous intrusions.

Alteration

The mineral showings on the property are commonly accompanied by alteration zones. Carbonate alteration, silicification, pyritization, talcose, ankeritization, bleaching and local kaolinization are common alteration features in gold-copper mineralization associated with 'listwanite'. An arsenopyritic ore in listwanite is commonly oxidized to a white arsenious oxide and limonite. Rusty weathering, shearing and propylitization occur commonly associated with skarnification of the Brooklyn limestone and argillite in a contact metasomatic environment.

Fissure-controlled sulphide bearing structures hosted by the Attwood Greenstone are commonly accompanied by silification, pyritization and local ankerite alteration.

MINERALIZATION

Three main types of mineralization occur on the property.

Gold-Silver-Copper Mineralization in Listwanite Zone

Massive sulphide lenses consisting mainly of arsenopyrite, pyrrhotite and pyrite occur in listwanite near the margin of the serpentinized ultrabasic rocks on the northern sector of the property. A significant gold value (up to 0.42 oz/ton Au) was obtained in a sample across the mineralized structure. Productive gold mineralization (5,054 ounces) was achieved from the sulphide lenses within listwanite at the Athelstan Jackpot property to the north.

A methodical exploration program was carried out on the neighbouring property to delineate gold bearing listwanite zones which are crudely parallel to the contacts of the tabular mass of serpentine plunging gently easterly. These zones were traditionally described as "replacement deposits to talc-carbonate rock" (McNaughton 1945). Grant (1970) interprets them as "sulphide fillings and deposition along pre-existing low angle shears". Recently Seraphim proposed that they may be syngenetic stratiform lenses and that further investigation of this possibility is imperative (McDougall 1987).

Copper Mineralization in Skarn Zone

This type of mineralization is typified by the Wolfard showing in the central sector of the property. A lime silicate skarn zone carrying mainly copper mineralization was explored and partially exploited by more than 15 blast pits, shafts and trenches in an areal extent of 200 m by 250 m. A contact metasomatic skarnification occurs in a geological setting of the Brooklyn limestone and argillite which have been intruded by granodiorite - tonalite dykes or plugs. The results of previous sampling show significant copper value (to 1.05 % cu), but no width of sampling was presented (Gutrath 1977). A total of eight grab and chip samples were picked from the exposed mineral showings and dumps in the Wolfard area. The sampling results, provided in detail at the succeeding section confirm good grade of copper mineralization (to 0.84 % Cu over a true width of five m).

The skarnification in the Boundary district is mostly in the Brooklyn limestone in contact with the intrusive rocks of Cretaceous to Triassic time, but lenticular limestone bed within the Permo-Carboniferous Attwood Greenstone are also skarnized.

Quartz Veins

The Attwood metavolcanic rocks, east of July Creek and Highway No. 3, host sulphide-bearing quartz veins. Development to date on any of the quartz veins in this area is very limited and near surface. The results of

limited sampling for these veins are within the range of economic interest (to 1.2% cu and 575 PPb Au), but thickness and extent remain to be established.

GEOCHEMICAL SURVEYS

1. Field Work

Recce geochemical surveys were carried out on the property on a northeast-southwest 100 meter grid spacing with samples taken at 50 meter intervals along the grid lines. Samples were selected from the B horizon (commonly 20-30cm) of the brown forest soil. A total of 875 samples were taken and sent to Acme Analytical of Vancouver for analysis.

2. Testing Procdure

The testing procedure is first to thoroughly dry the sample. Then .5 grams of material is digested with 3 ml. of 3:1:2 HCL-HNO3-H2O at 95 deg. C for one hour and is diluted to 10 ml. with water. The sample is then analyzed by atomic absorption for 30 elements.

3. Treatment of Data

In assessing the data results, the background , sub-anomalous and anomalous values were determined utilizing a statistical software program on a IBM 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 value. The anomalous values or the prime indicator values are taken at two standard deviations from the mean background values.

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

	Cu	As	Zn	Pb	Ag
Sub-anomalous	92	39	132	23	.23
Anomalous	130	54	171	32	.31

All values are in parts per million.

Results

The first and most significant of the anomalous areas occurs on the northeastern portion of the property and predominantly on the eastern portion of the Betts Claim. The Anomaly "A" consists of a central core of anomalous correlative arsenic-lead-zinccopper-silver values with adjacent two or three element anomalous correlative values. The zinc appears to occur in a northwesterly preferred orientation suggesting a possible northwesterly controlling structure to the indicated mineralization.

Projecting other indicated structures into the zone would provide the intersecting structural features that may have provided the favourable conditions for mineralizing solutions.

The anomalous area occurs in a sediment-greenstone-intrusive thus possibly indicating a mineralized skarn zone.

Anomalous area B occurs adjacent to old workings, as shown on the compilation map and in detail on Figure 7. The anomalies occur to the southwest of the workings and consist of two copper anomalous zones extending for up to 200 meters enclosing and partly correlating with arsenic-silver anomalous values.

The VLF-EM survey indicates northwesterly trending anomalies to the south of the workings and one zone correlating with the geochemical anomaly. Detailed mapping and sampling of the working area shows northwesterly trending and easterly trending mineralized zones occurring in an area of diorite porphyry. Sample results from the workings reveal anomalous silver-lead-arsenic-gold values within a massive sulphide zone. Elevated copper values also occur in association with massive sulphide zones or serpentine.

Area C in the center of the property consists of correlative anomalous silver-lead-zinc-arsenic values over an area of 100 meters wide by 200 meters along a northwesterly strike. The area is located up to 200 meters northwesterly of a group of trenches, open pits and shafts exploring skarn mineralization (Figure 8) in an area underlain by limestone.

The workings area is not reflected by geochemical anomalies, therefore, the anomalous area to the northwest may reflect a more significant area of mineralization.

A number of northwesterly trending VLF-EM anomalies are indicated generally peripheral to the workings and correlative to the geochem anomaly.

Other single or multi-element localized anomalous zones occur on the claim group and should be examined for the causitive source. The localized zones may reflect surface indications of extensive bedrock mineralization masked by overburden.

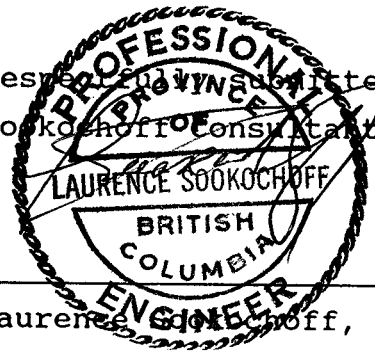
CONCLUSIONS

The geochemical exploration program completed on the April claim group was successful in delineating three areas that indicate potentially economic mineralization.

The April Claim Group is underlain by favourable geological environments for the occurence of copper-gold-silver mineralization similar to those of past production from precious mineral and sulphide deposits in the Boundary Mining Camp. The results of former production and exploration in the immediate area, in addition to the existence of encouraging gold-copper-silver mineralization on the property (up to 0.42 oz/ton gold, 1.2%/ ton copper). An exploration program is warranted to delineate lateral and downward extensions of the known showings and to refine prime target areas delineated by the 1987 geochem and geophysical surveys. The program should also be targeted to locate a source of the stream bed samples with high gold values (to 0.44 oz Au/ton).

RECOMMENDATIONS

It is recommended that a contined exploration be carried out on the April Claim Group to amplify the economic potential of the existing mineral showings and to test newly discovered anomalous areas. The program should consist of two stages with an initial stage of geochemical, geophysical and geological exploration detailing the two main showings and anomalous areas in order to locate prime sites for trenching, mapping and sampling. Additional I.P. surveys should be completed in areas that have returned anomalous results in the preliminary completed surveys. A second stage would consist of short diamond drilling to test downward extensions of the gold-copper bearing sulphides in listwanite or other zones of indicated potential economic mineralization.



Respectfully submitted
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January 30, 1988
Vancouver, B.C.

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CERTIFICATE

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

That I am a Consulting Geologist with offices at 609-837 West Hastings St., Vancouver, 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-one years.

3. I am registered with the Association of Professional Engineers of British Columbia.

4. Information for the accompanying report was obtained from sources cited under References and from supervision of the exploration surveys reported on herein.

5. I have no direct, indirect nor contingent interest in the property described herein, or in the securities of Zephyr Resources Ltd., nor do I expect to receive any.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA LAURENCE SOOKOCHOFF

Laurence Sookochoff, P.Eng.
Consulting Geologist

January 30, 1988
Vancouver, B.C.

Zephyr Resources Ltd.

April Claim Group

Geochemical Survey

Statement of Costs

The field exploration and associated work to the geochemical survey on the April claim group, Greenwood Mining Division was performed during the period of August 15, 1987 to January 26, 1988 to the value of the following:

Field cost: Kettle River Management (contract cost)	$ 8,750.00
Assays: Acme Analytical 875 samples @ $6.75	5,906.25
Compilation and draughting: Geo-Comp	1,443.75
Report	1,000.00
Engineering and supervision: L. Sookochoff, P.Eng.	1,500.00
	$18,355.50

APPENDIX I

ASSAY CERTIFICATES

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL -80 MESH

DATE RECEIVED: JUNE 5 1987 DATE REPORT MAILED: June 9/87 ASSAYER. .DEAN TOYE, CERTIFIED B.C. ASSAYER

SOOKOCHOFF PROJECT - ZEPHYR File # 87-1597 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
8+00NW 28+50NE	1	53	9	80	.1	383	28	716	3.72	16	5	ND	4	25	1	2	3	52	.35	.058	12	242	2.48	151	.08	7	1.75	.03	.15	1
8+00NW 28+00NE	1	31	4	90	.3	284	30	741	3.45	9	5	ND	3	25	1	2	3	42	.37	.090	7	233	2.07	213	.08	4	1.48	.03	.13	1
8+00NW 27+50NE	1	53	10	69	.1	388	32	931	3.23	18	5	ND	3	25	1	2	2	43	.34	.044	10	218	2.36	172	.08	6	1.63	.03	.11	2
8+00NW 27+00NE	1	18	9	47	.1	399	30	721	1.93	10	5	ND	2	20	1	2	2	30	.20	.062	6	106	1.24	117	.09	3	1.48	.04	.05	1
8+00NW 26+50NE	1	895	16	113	.2	709	38	743	3.39	179	5	ND	3	30	1	3	2	26	.34	.071	7	86	.79	85	.07	5	1.27	.04	.09	5
8+00NW 26+00NE	1	47	21	96	.3	289	29	1207	3.01	29	7	ND	2	28	1	2	2	47	.33	.103	8	132	1.48	170	.06	5	1.70	.03	.08	1
8+00NW 25+50NE	1	48	8	72	.1	318	26	693	3.28	26	5	ND	3	31	1	2	2	47	.31	.038	9	131	1.31	205	.12	4	2.28	.03	.06	1
8+00NW 25+00NE	2	91	12	92	.3	177	23	1036	2.72	38	5	ND	2	29	1	2	2	41	.29	.104	7	83	.76	154	.09	2	1.82	.03	.06	1
8+00NW 24+50NE	1	251	10	101	.3	228	26	1008	2.94	53	5	ND	4	32	1	2	2	41	.27	.138	9	70	.65	198	.13	2	2.24	.03	.08	1
8+00NW 24+00NE	1	67	13	105	.3	268	19	350	1.89	52	5	ND	3	38	1	2	2	24	.52	.027	7	64	.54	105	.09	9	1.58	.05	.06	1
8+00NW 23+50NE	1	59	11	81	.1	353	20	543	2.28	57	5	ND	2	33	1	2	2	32	.31	.134	6	80	.73	126	.10	2	1.58	.04	.05	1
8+00NW 23+00NE	1	46	8	72	.2	309	23	830	2.03	27	5	ND	2	30	1	2	2	30	.26	.080	5	102	.65	199	.09	2	1.46	.04	.07	1
8+00NW 22+50NE	1	34	6	79	.2	128	12	384	2.22	26	5	ND	3	22	1	2	2	33	.26	.113	6	66	.56	137	.09	2	1.63	.03	.07	1
8+00NW 22+00NE	1	41	9	133	.1	72	11	864	2.01	17	5	ND	2	30	1	2	2	34	.25	.137	5	31	.42	275	.11	4	1.71	.04	.10	1
8+00NW 21+50NE	1	37	4	73	.2	46	8	625	1.46	13	5	ND	2	24	1	2	2	26	.26	.106	5	21	.25	183	.08	2	1.15	.04	.08	1
8+00NW 21+00NE	1	76	9	81	.1	92	15	428	2.72	22	5	ND	2	22	1	2	2	45	.35	.083	8	80	.92	120	.07	2	1.34	.03	.05	1
8+00NW 20+50NE	1	100	13	126	.4	114	15	655	2.85	42	5	ND	4	26	1	2	2	41	.33	.275	12	69	.66	218	.09	3	2.06	.03	.08	2
8+00NW 20+00NE	1	15	2	95	.3	19	4	709	1.11	12	5	ND	3	26	1	2	2	15	.21	.437	4	10	.10	311	.09	3	1.77	.03	.07	1
8+00NW 19+50NE	1	51	11	84	.3	125	14	340	2.51	32	5	ND	4	24	1	4	2	40	.28	.068	7	57	.66	216	.11	2	2.06	.03	.09	2
8+00NW 19+00NE	1	20	2	115	.2	40	6	436	1.78	18	5	ND	4	24	1	2	2	27	.30	.235	5	17	.19	166	.15	5	2.79	.04	.06	1
8+00NW 18+50NE	2	92	11	77	.1	65	12	400	2.61	21	5	ND	4	20	1	2	2	44	.28	.076	9	44	.52	118	.11	2	1.65	.03	.07	3
8+00NW 18+00NE	1	36	10	120	.1	46	9	437	2.26	17	5	ND	4	21	1	2	2	33	.24	.271	7	27	.35	207	.14	2	2.68	.04	.08	1
8+00NW 17+50NE	1	31	5	47	.2	29	6	195	1.32	7	5	ND	4	12	1	2	2	21	.15	.064	6	17	.23	79	.07	2	1.39	.02	.06	2
8+00NW 17+00NE	1	29	9	61	.1	35	7	231	1.72	3	5	ND	4	24	1	2	2	25	.32	.035	8	17	.23	105	.12	2	2.24	.04	.05	1
8+00NW 16+50NE	1	24	10	74	.2	44	7	497	1.79	5	5	ND	3	18	1	2	3	27	.18	.183	5	20	.28	138	.12	2	2.24	.03	.06	1
8+00NW 16+00NE	1	33	8	70	.1	45	7	436	1.73	10	5	ND	3	18	1	2	2	26	.17	.093	9	17	.25	158	.12	4	2.25	.04	.08	1
8+00NW 15+50NE	1	24	9	98	.2	40	8	692	1.80	11	5	ND	4	18	1	2	3	28	.20	.122	7	23	.29	255	.10	2	1.57	.03	.07	1
8+00NW 15+00NE	1	24	3	73	.4	38	8	226	2.07	15	5	ND	4	16	1	2	2	31	.16	.262	5	23	.29	160	.13	2	2.40	.03	.08	2
7+00NW 28+50NE	1	14	5	85	.1	101	7	467	1.44	13	5	ND	3	24	1	2	2	23	.25	.159	5	52	.52	206	.07	3	1.21	.04	.07	1
7+00NW 28+00NE	1	19	3	60	.1	200	14	456	2.49	5	6	ND	4	21	1	2	2	33	.24	.067	5	146	1.33	137	.07	6	1.21	.03	.13	2
7+00NW 27+50NE	1	34	7	59	.1	334	28	553	3.37	10	5	ND	4	22	1	2	2	46	.25	.031	9	219	2.54	88	.09	6	1.55	.03	.09	2
7+00NW 27+00NE	1	28	3	40	.3	273	14	370	1.86	30	5	ND	3	21	1	2	2	24	.20	.023	7	108	1.09	66	.06	4	1.14	.02	.07	1
7+00NW 26+50NE	1	34	3	63	.1	380	35	948	2.49	12	5	ND	2	30	1	2	2	31	.33	.057	5	128	1.11	129	.08	5	1.38	.03	.07	2
7+00NW 26+00NE	1	34	5	40	.1	393	23	476	2.07	17	5	ND	2	19	1	2	2	27	.15	.027	5	91	.95	77	.08	5	1.44	.03	.06	2
7+00NW 25+50NE	1	61	8	71	.1	188	17	566	2.64	14	5	ND	3	27	1	2	2	38	.28	.050	7	95	.91	133	.10	2	1.67	.03	.10	1
7+00NW 25+00NE	1	249	12	95	.1	289	34	979	4.98	25	5	ND	4	34	1	2	2	56	.36	.093	9	155	1.45	242	.10	3	2.13	.03	.10	1
STD C	21	61	41	139	7.0	72	29	1062	3.99	40	18	8	35	50	18	18	21	60	.45	.105	38	64	.85	191	.09	33	1.71	.07	.14	15

SOOKOCHOFF PROJECT - ZEPHYR FILE # 87-1597

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
7+00NW 24+50NE	1	107	29	101	.3	203	18	726	2.33	36	5	ND	3	38	1	2	2	35	.35	.034	7	63	.61	165	.11	3	1.80	.03	.07	1
7+00NW 24+00NE	1	89	5	101	.4	320	28	1034	3.06	55	6	ND	2	24	1	2	2	40	.21	.045	6	105	.69	215	.12	3	1.76	.03	.06	2
7+00NW 23+50NE	1	264	9	128	.1	581	22	283	2.08	59	5	ND	2	43	2	2	2	26	.59	.032	8	62	.62	79	.09	6	1.65	.05	.04	1
7+00NW 23+00NE	1	30	11	103	.1	162	12	515	1.97	19	5	ND	2	21	1	2	2	30	.23	.060	5	68	.63	151	.08	3	1.40	.03	.05	1
7+00NW 22+50NE	1	38	12	85	.1	222	17	522	2.25	43	5	ND	1	22	1	2	2	33	.21	.094	5	72	.63	141	.10	5	1.72	.03	.06	1
7+00NW 22+00NE	11	177	12	94	.3	586	4	500	.18	7	6	ND	1	203	1	4	2	15	4.66	.092	4	40	1.13	95	.01	35	.14	.05	.03	2
7+00NW 21+50NE	1	21	8	84	.1	65	7	363	1.73	24	5	ND	2	22	1	2	3	26	.20	.203	5	20	.19	143	.14	4	2.63	.04	.03	1
7+00NW 21+00NE	1	12	6	49	.1	94	8	473	1.09	60	5	ND	1	25	1	2	2	19	.21	.117	3	23	.21	123	.08	6	1.00	.04	.04	1
7+00NW 20+50NE	1	40	9	113	.2	75	10	680	2.06	49	5	ND	3	25	1	2	2	32	.22	.277	4	29	.33	183	.14	4	2.56	.04	.07	1
7+00NW 20+00NE	1	35	8	77	.1	80	11	295	2.32	26	5	ND	3	21	1	2	2	35	.26	.155	7	40	.46	146	.13	3	2.25	.03	.06	1
7+00NW 19+50NE	1	41	8	86	.2	103	13	381	2.44	24	5	ND	3	21	1	2	2	38	.26	.111	6	53	.60	163	.10	2	1.73	.03	.07	1
7+00NW 19+00NE	1	34	7	105	.3	42	8	610	1.82	15	5	ND	3	26	1	2	2	30	.24	.196	7	21	.31	277	.12	4	2.02	.04	.07	1
7+00NW 18+50NE	1	57	12	86	.1	74	13	292	2.71	21	5	ND	4	24	1	2	2	45	.28	.076	11	45	.63	190	.12	3	2.05	.03	.08	1
7+00NW 18+00NE	1	28	8	83	.1	55	9	436	2.15	13	5	ND	4	24	1	2	2	33	.26	.117	7	29	.39	169	.12	2	2.18	.03	.07	1
7+00NW 17+50NE	1	29	12	79	.2	39	8	459	2.14	11	5	ND	4	18	1	2	2	33	.23	.199	8	28	.34	178	.13	5	2.59	.03	.07	1
7+00NW 17+00NE	2	363	6	58	.9	61	6	738	1.62	9	5	ND	3	85	1	2	2	23	7.78	.097	13	32	.32	135	.04	16	1.20	.08	.06	1
7+00NW 16+50NE	2	44	9	99	.3	60	10	429	2.51	13	5	ND	2	23	1	2	2	39	.30	.141	7	35	.41	223	.14	4	2.45	.03	.06	1
7+00NW 16+00NE	1	31	6	75	.1	45	9	311	2.09	8	5	ND	4	20	1	2	2	32	.25	.094	9	27	.34	93	.13	6	2.15	.04	.05	1
7+00NW 15+50NE	1	28	8	48	.2	43	7	324	1.86	10	5	ND	3	24	1	2	2	29	.34	.047	9	21	.27	114	.13	7	2.05	.04	.06	2
7+00NW 15+00NE	1	24	4	46	.3	38	9	185	1.98	5	5	ND	4	43	1	3	2	28	.52	.011	7	28	.36	166	.11	7	1.95	.04	.05	3
6+00NW 22+50NE	1	45	11	85	.6	285	14	221	2.04	50	5	ND	4	27	1	2	2	27	.26	.113	8	50	.37	76	.14	5	2.55	.05	.05	1
6+00NW 22+00NE	1	74	20	103	.1	146	20	662	2.64	50	5	ND	2	37	1	2	2	41	.70	.103	10	71	.89	131	.09	8	1.67	.03	.05	2
6+00NW 21+50NE	1	20	8	92	.1	56	8	550	1.82	33	5	ND	2	21	1	2	2	29	.20	.171	4	27	.26	160	.12	3	1.87	.04	.04	1
6+00NW 21+00NE	1	23	8	98	.3	77	10	401	2.20	28	5	ND	4	28	1	2	2	32	.27	.159	6	35	.38	175	.12	3	2.09	.04	.07	1
6+00NW 20+50NE	1	34	33	65	.3	193	12	256	2.10	35	5	ND	4	26	1	2	2	32	.25	.091	8	52	.49	127	.14	5	2.35	.04	.08	1
6+00NW 20+00NE	1	31	10	76	.1	106	12	515	2.25	16	5	ND	2	26	1	2	2	36	.32	.083	6	63	.74	167	.08	3	1.24	.03	.07	1
6+00NW 19+50NE	1	161	12	89	1.1	171	12	873	3.19	32	5	ND	4	44	1	2	2	42	.78	.031	13	64	.57	281	.10	7	2.65	.04	.10	2
6+00NW 19+00NE	1	40	12	95	.2	90	10	515	2.12	25	5	ND	4	29	1	2	2	31	.33	.254	8	32	.38	206	.14	6	2.68	.04	.07	1
6+00NW 18+50NE	1	21	4	62	.1	38	6	499	1.72	14	5	ND	3	28	1	2	2	25	.31	.262	6	19	.25	280	.12	4	2.23	.04	.06	1
6+00NW 18+00NE	1	137	10	48	.2	92	17	309	3.61	35	5	ND	4	20	1	2	2	58	.39	.034	16	83	1.05	53	.11	2	1.34	.03	.08	3
6+00NW 17+50NE	1	74	8	63	.1	72	16	388	3.07	23	5	ND	2	18	1	2	2	50	.34	.057	10	68	.90	99	.10	3	1.22	.02	.08	1
6+00NW 17+00NE	1	27	11	95	.1	40	7	604	1.82	11	5	ND	3	25	1	2	3	29	.25	.359	5	23	.28	263	.12	3	1.95	.04	.07	1
6+00NW 16+50NE	2	36	5	70	.1	47	7	281	2.11	8	5	ND	4	23	1	2	2	30	.26	.128	8	24	.25	143	.16	6	3.19	.04	.06	1
6+00NW 16+00NE	1	34	7	53	.1	35	8	355	1.84	8	5	ND	4	25	1	2	4	29	.33	.082	9	23	.31	99	.12	4	2.02	.04	.05	1
6+00NW 15+50NE	1	27	8	76	.1	36	8	598	1.76	12	5	ND	3	23	1	2	2	30	.27	.116	6	22	.28	188	.11	3	1.51	.03	.05	1
6+00NW 15+00NE	1	28	6	55	.1	32	7	324	1.76	9	5	ND	3	21	1	2	2	28	.25	.065	7	20	.27	121	.12	6	1.92	.04	.06	1
P1 900W 14+00N	1	3	2	17	.1	12	1	77	3.40	2	5	ND	3	11	1	2	3	28	.06	.012	7	5	.08	13	.07	2	1.78	.01	.01	1
STD C	20	63	40	141	7.1	74	30	1077	4.02	43	16	7	35	51	19	16	20	61	.46	.107	38	62	.89	184	.09	33	1.71	.07	.13	12

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
5+00NW 22+50NE	1	28	6	81	.2	110	10	459	2.00	32	5	ND	2	17	1	2	2	34	.19	.084	5	49	.54	139	.08	4	1.25	.03	.04	1
5+00NW 22+00NE	1	55	9	90	.1	109	15	417	2.57	36	5	ND	2	19	1	2	2	43	.30	.086	7	56	.61	106	.09	5	1.59	.03	.04	1
5+00NW 21+50NE	1	35	12	85	.1	102	14	332	2.44	37	5	ND	4	20	1	2	2	41	.23	.100	8	59	.67	151	.09	2	1.59	.03	.05	1
5+00NW 21+00NE	1	36	9	69	.1	142	14	275	2.39	33	5	ND	2	28	1	2	2	39	.35	.082	6	67	.77	180	.09	5	1.73	.03	.06	1
5+00NW 20+50NE	1	27	9	64	.3	169	13	272	2.32	29	5	ND	3	23	1	2	2	35	.24	.148	6	57	.64	186	.10	3	1.84	.03	.06	1
5+00NW 20+00NE	1	81	11	54	.1	113	16	315	3.07	42	5	ND	3	18	1	2	2	52	.30	.052	9	76	.96	91	.09	3	1.41	.02	.06	1
5+00NW 19+50NE	1	21	5	116	.1	43	8	524	1.76	15	5	ND	3	21	1	2	2	29	.31	.200	6	26	.30	187	.10	4	1.74	.03	.05	1
5+00NW 19+00NE	1	24	10	114	.1	36	8	803	1.92	14	5	ND	2	20	1	2	2	32	.26	.198	7	21	.32	311	.11	5	1.75	.03	.05	1
5+00NW 18+50NE	1	31	7	78	.2	80	10	369	2.04	16	5	ND	4	26	1	2	2	35	.25	.138	6	39	.51	200	.09	5	1.50	.03	.07	1
5+00NW 18+00NE	1	25	8	71	.1	50	9	477	1.84	12	5	ND	3	29	1	2	2	30	.28	.146	7	22	.32	179	.11	6	1.78	.03	.06	1
5+00NW 17+50NE	3	122	7	94	.4	94	8	439	1.75	12	5	ND	2	34	1	2	2	27	.42	.031	13	27	.31	106	.11	4	1.81	.05	.04	1
5+00NW 17+00NE	1	49	9	71	.2	44	9	342	2.20	17	5	ND	3	25	1	2	2	39	.33	.097	8	33	.44	147	.10	3	1.70	.03	.08	1
5+00NW 16+50NE	1	25	7	61	.1	34	7	572	1.79	17	5	ND	3	27	1	2	2	29	.28	.168	6	21	.27	164	.11	5	2.06	.03	.06	1
5+00NW 16+00NE	1	26	7	48	.1	37	7	226	1.88	11	5	ND	3	21	1	2	2	29	.24	.085	6	20	.24	99	.13	4	2.25	.03	.04	3
5+00NW 15+50NE	1	32	7	57	.4	38	8	336	1.90	12	5	ND	4	23	1	2	2	32	.29	.085	6	22	.31	134	.11	5	2.00	.03	.08	1
5+00NW 15+00NE A	1	49	8	76	.1	55	7	375	1.93	14	5	ND	3	22	1	2	2	33	.28	.108	9	22	.30	141	.12	6	2.18	.04	.06	1
5+00NW 15+00NE B	1	39	8	67	.1	47	7	345	1.91	14	5	ND	3	21	1	2	2	33	.25	.101	7	23	.31	108	.12	4	2.10	.04	.07	1
5+00NW 14+50NE	1	27	4	45	.1	27	6	213	1.67	9	5	ND	3	23	1	2	3	28	.28	.062	7	23	.23	82	.11	4	1.86	.04	.05	2
5+00NW 14+00NE	1	45	7	96	.1	32	7	487	1.92	13	5	ND	3	26	1	2	2	32	.28	.124	8	22	.31	132	.11	6	2.08	.04	.06	1
5+00NW 13+50NE	1	30	7	101	.1	24	7	341	1.85	21	5	ND	2	21	1	2	2	33	.34	.130	7	24	.34	97	.11	5	1.77	.03	.05	1
5+00NW 13+00NE	1	43	8	148	.3	35	7	362	1.93	28	5	ND	4	26	1	2	2	32	.25	.105	6	21	.27	132	.14	5	2.61	.04	.06	1
5+00NW 12+50NE	1	21	9	197	.1	21	6	495	1.63	22	5	ND	2	17	1	2	2	29	.25	.126	5	15	.22	92	.11	4	1.74	.03	.05	1
5+00NW 12+00NE	1	40	10	109	.1	42	7	723	2.14	28	5	ND	3	19	1	3	2	35	.26	.172	7	20	.31	146	.13	5	2.59	.03	.05	1
5+00NW 11+50NE	1	42	7	119	.1	33	6	595	1.81	12	5	ND	3	21	1	2	3	31	.24	.075	5	18	.27	104	.11	4	1.72	.04	.07	1
5+00NW 11+00NE	1	105	9	119	.1	57	7	328	2.22	23	5	ND	3	26	1	2	2	36	.31	.051	6	25	.33	129	.14	4	2.50	.03	.05	1
5+00NW 10+50NE	3	25	12	243	.1	20	6	448	1.72	11	5	ND	3	23	1	2	2	29	.35	.042	7	15	.24	98	.12	6	1.99	.05	.06	1
5+00NW 10+00NE	1	73	8	132	.2	27	9	574	2.29	23	5	ND	5	25	1	2	3	38	.26	.101	8	22	.33	159	.13	6	2.34	.03	.08	1
5+00NW 9+50NE	1	62	15	98	.2	27	10	707	2.47	17	5	ND	4	23	1	2	2	43	.28	.072	11	26	.41	153	.12	4	2.19	.03	.06	1
5+00NW 9+00NE	3	64	10	443	.3	32	7	504	2.20	24	5	ND	5	38	2	2	2	32	.58	.020	17	27	.36	155	.14	6	2.33	.05	.06	1
5+00NW 8+50NE	1	46	11	166	.2	34	7	799	2.30	30	5	ND	3	31	1	2	2	37	.46	.204	8	26	.37	249	.10	4	1.99	.04	.07	1
5+00NW 8+00NE	1	23	7	88	.1	22	6	660	1.65	12	5	ND	3	20	1	2	2	30	.27	.081	6	20	.26	133	.10	3	1.55	.04	.05	1
5+00NW 7+50NE	1	18	11	101	.1	18	6	893	1.87	17	5	ND	4	20	1	2	5	33	.25	.127	8	20	.28	236	.10	2	1.57	.03	.06	1
4+00NW 22+50NE	1	55	10	75	.1	140	14	611	2.28	34	5	ND	3	27	1	3	2	39	.31	.074	8	59	.62	189	.10	3	1.72	.03	.08	1
4+00NW 22+00NE	1	77	11	91	.1	189	17	274	2.88	55	5	ND	4	31	1	2	2	46	.30	.048	12	83	.90	229	.12	3	2.23	.04	.11	1
4+00NW 21+50NE	1	133	12	67	.1	184	20	429	3.68	100	5	ND	4	21	1	2	2	60	.40	.069	15	117	1.61	78	.08	5	1.47	.03	.09	1
4+00NW 21+00NE	1	58	12	76	.2	134	14	284	2.37	33	8	ND	3	20	1	2	2	36	.22	.042	6	62	.59	152	.08	3	1.32	.03	.08	1
STD C	21	60	38	138	7.1	72	29	1053	4.02	41	16	8	36	50	18	16	22	66	.48	.105	37	60	.90	188	.09	36	1.68	.07	.13	12

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
4+00NW 20+50NE	1	70	12	45	.3	94	14	233	2.94	39	6	ND	5	16	1	2	2	54	.28	.037	10	86	.89	61	.09	2	1.03	.02	.07	2
4+00NW 20+00NE	1	91	13	79	.3	159	20	378	3.25	50	8	2	3	35	1	2	3	51	.45	.135	12	85	.97	174	.09	6	1.81	.03	.09	1
4+00NW 19+50NE	1	18	7	79	.3	50	7	610	1.52	17	6	ND	3	30	1	2	2	26	.27	.240	4	28	.27	301	.08	3	1.26	.03	.08	1
4+00NW 19+00NE	1	46	11	115	.1	75	12	358	2.37	20	5	ND	4	30	1	2	2	37	.37	.092	13	40	.45	200	.13	6	2.39	.04	.08	1
4+00NW 18+50NE	1	54	10	65	.1	107	13	241	2.70	28	5	ND	4	23	1	2	2	50	.27	.058	9	60	.71	183	.12	4	1.85	.03	.09	1
4+00NW 18+00NE	1	12	8	50	.1	17	5	717	1.23	10	5	ND	1	19	1	2	2	22	.24	.192	3	12	.16	289	.08	3	1.21	.03	.04	1
4+00NW 17+50NE	1	41	14	118	.2	84	11	212	2.39	16	5	ND	4	23	1	2	2	41	.21	.064	7	39	.43	246	.14	3	2.46	.03	.05	1
4+00NW 17+00NE	1	32	7	71	.3	32	7	447	1.89	16	5	ND	4	25	1	3	3	33	.28	.089	7	21	.29	171	.13	6	2.23	.04	.06	1
4+00NW 16+50NE	1	40	8	96	.2	40	10	362	2.32	17	5	ND	3	28	1	2	2	39	.36	.108	8	31	.43	130	.11	4	2.19	.03	.05	1
4+00NW 16+00NE	1	23	3	70	.2	32	8	474	1.78	9	5	ND	3	25	1	2	2	30	.28	.154	6	21	.31	160	.10	4	1.77	.03	.06	1
4+00NW 15+50NE	1	59	2	46	.1	38	6	229	1.49	13	5	ND	2	38	1	2	2	24	.52	.033	9	20	.23	89	.10	5	1.59	.04	.04	3
4+00NW 15+00NE A	1	37	5	48	.1	39	7	189	1.76	14	5	ND	2	30	1	2	2	31	.42	.071	8	26	.29	76	.10	6	1.65	.04	.04	3
4+00NW 15+00NE B	1	31	7	52	.2	32	7	216	1.74	16	5	ND	2	28	1	2	2	29	.35	.168	7	21	.26	76	.11	6	1.85	.04	.05	1
4+00NW 14+50NE	1	40	3	34	.1	39	7	140	1.75	11	6	ND	3	20	1	2	2	33	.28	.013	6	26	.28	62	.09	4	1.30	.04	.05	1
STD C	20	58	39	132	7.1	69	29	1034	3.84	40	19	8	36	49	18	16	22	65	.45	.106	35	60	.84	179	.08	36	1.62	.07	.13	14
4+00NW 14+00NE	1	32	9	111	.3	40	8	479	1.83	24	5	ND	2	35	1	2	2	29	.36	.227	9	21	.27	147	.12	4	2.22	.03	.08	1
4+00NW 13+50NE	2	108	8	89	.5	55	8	438	2.03	21	5	ND	3	42	1	2	2	31	.55	.021	14	21	.33	127	.13	6	2.07	.05	.06	1
4+00NW 13+00NE	2	63	7	88	.1	36	6	441	1.60	7	5	ND	2	34	1	2	2	25	.45	.027	10	17	.21	110	.11	6	1.78	.05	.04	1
4+00NW 12+50NE	2	77	7	133	.1	51	7	617	1.85	11	5	ND	3	36	1	3	2	27	.53	.016	10	21	.26	121	.12	7	1.93	.05	.04	1
4+00NW 12+00NE	1	24	4	59	.2	22	6	304	1.57	18	5	ND	3	28	1	2	2	26	.36	.045	7	12	.19	101	.12	7	2.05	.04	.05	1
4+00NW 11+50NE	1	31	4	81	.2	27	7	319	1.93	16	5	ND	3	19	1	2	2	33	.24	.093	6	18	.25	95	.13	6	2.20	.04	.04	1
4+00NW 11+00NE	2	35	11	117	.1	34	8	583	1.91	21	5	ND	2	26	1	2	2	34	.29	.132	6	22	.31	163	.10	6	1.83	.03	.06	1
4+00NW 10+50NE	1	52	8	134	.1	28	7	1334	1.97	28	5	ND	2	25	1	2	2	31	.36	.084	6	15	.22	202	.11	5	1.46	.04	.06	1
4+00NW 10+00NE	5	211	13	151	.2	111	17	2684	4.70	64	5	ND	3	47	1	2	2	68	.95	.102	9	75	.96	228	.11	5	2.16	.03	.06	1
4+00NW 9+50NE	2	42	24	255	.2	40	8	828	2.09	21	5	ND	4	30	1	2	2	38	.38	.092	8	23	.35	184	.13	5	2.09	.03	.07	1
4+00NW 9+00NE	1	33	11	105	.1	21	6	715	1.60	15	5	ND	2	27	1	2	2	30	.33	.090	7	15	.24	148	.11	4	1.71	.04	.07	1
4+00NW 8+50NE	1	39	10	100	.1	25	7	866	1.85	9	5	ND	3	26	1	2	3	34	.31	.082	9	19	.33	201	.11	2	1.91	.04	.06	1
4+00NW 8+00NE	1	19	6	73	.1	19	5	693	1.41	15	5	ND	2	19	1	2	2	28	.23	.059	6	19	.24	173	.09	4	1.22	.03	.06	1
4+00NW 7+50NE	2	34	8	93	.1	39	8	427	2.21	19	5	ND	3	19	1	2	2	41	.22	.089	9	24	.38	171	.14	3	2.58	.03	.05	1
3+00NW 22+50NE	1	28	9	77	.1	97	10	406	1.64	26	5	ND	1	23	1	2	2	28	.22	.080	5	39	.42	154	.08	4	1.30	.03	.07	1
3+00NW 22+00NE	1	40	7	56	.1	110	17	618	2.49	23	5	ND	2	22	1	2	2	45	.33	.023	8	83	.90	91	.08	2	.98	.03	.10	1
3+00NW 21+50NE	1	137	9	89	.1	124	19	600	2.52	56	5	ND	1	27	1	2	2	38	.37	.141	8	66	.65	160	.07	3	1.26	.03	.06	1
3+00NW 21+00NE	1	24	10	56	.1	65	8	243	1.55	15	5	ND	1	20	1	2	2	30	.29	.038	4	39	.38	104	.07	4	.89	.03	.05	1

SOOKOCHOFF PROJECT - ZEPHYR FILE # 87-1597

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
3+00NW 20+50NE	1	18	10	72	.1	67	8	470	1.44	23	5	ND	2	17	1	2	2	24	.17	.106	4	28	.29	156	.07	3	1.15	.03	.05	2
3+00NW 20+00NE	1	62	11	75	.2	136	15	283	2.47	37	5	ND	3	20	1	2	3	38	.24	.038	8	57	.66	131	.10	4	1.72	.03	.07	1
3+00NW 19+50NE	1	114	13	50	.2	142	17	331	3.16	62	5	ND	3	22	1	2	4	50	.38	.047	13	87	1.17	85	.08	2	1.24	.03	.07	1
3+00NW 19+00NE	1	28	10	79	.1	47	7	533	1.49	19	5	ND	1	29	1	2	2	24	.31	.120	5	21	.27	200	.08	3	1.53	.03	.07	1
3+00NW 18+50NE	1	24	10	82	.1	48	9	511	1.98	13	5	ND	3	23	1	2	2	30	.21	.106	6	26	.36	232	.09	3	1.70	.03	.07	1
3+00NW 18+00NE	1	34	10	69	.2	75	11	554	2.09	21	5	ND	2	22	1	2	3	34	.29	.136	7	36	.46	186	.09	2	1.54	.03	.06	1
3+00NW 17+50NE	1	26	12	85	.2	94	10	350	1.82	18	5	ND	3	25	1	2	2	25	.27	.148	5	34	.39	243	.09	6	1.61	.04	.08	1
3+00NW 17+00NE	1	31	8	57	.1	15	5	936	1.48	9	5	ND	2	22	1	2	2	25	.34	.067	6	13	.19	364	.09	4	1.62	.03	.07	1
3+00NW 16+50NE	1	42	17	94	.2	72	10	802	2.22	35	5	ND	4	23	1	3	2	34	.29	.061	10	33	.38	289	.11	3	2.10	.03	.08	1
3+00NW 16+00NE	2	30	11	71	.1	21	8	776	2.25	13	5	ND	3	25	1	2	2	35	.32	.079	14	17	.31	345	.07	3	1.64	.03	.10	1
3+00NW 15+50NE	2	53	11	63	.2	35	8	471	2.13	15	5	ND	3	18	1	2	5	35	.21	.095	9	27	.40	136	.12	3	2.28	.03	.06	1
3+00NW 15+00NE A	2	162	7	120	.1	56	7	432	1.84	14	5	ND	3	25	1	2	4	30	.32	.064	10	21	.32	96	.10	6	1.79	.03	.05	1
3+00NW 15+00NE B	1	72	6	77	.1	38	7	263	1.94	12	7	ND	4	25	1	2	2	31	.36	.026	9	24	.34	93	.12	5	2.02	.03	.06	1
3+00NW 15+00NE BL	1	58	7	80	.1	36	8	342	2.10	11	5	ND	3	25	1	2	4	34	.34	.030	9	25	.38	112	.12	5	2.07	.03	.07	1
3+00NW 14+50NE	1	35	9	117	.2	34	9	729	2.26	28	5	ND	2	14	1	2	4	37	.15	.143	7	23	.32	161	.13	2	2.25	.02	.05	1
3+00NW 14+00NE	1	38	3	93	.1	39	9	535	2.04	26	5	ND	3	13	1	2	4	37	.16	.059	6	27	.38	153	.10	3	1.74	.03	.06	1
3+00NW 13+50NE	2	25	10	225	.1	18	8	1968	2.15	45	5	ND	1	15	1	2	3	32	.18	.097	3	15	.22	222	.09	2	1.11	.03	.04	1
3+00NW 13+00NE	1	38	6	105	.1	26	7	337	1.86	19	5	ND	3	20	1	2	2	33	.24	.037	7	21	.32	118	.11	3	1.87	.03	.06	1
3+00NW 12+50NE	1	31	10	128	.2	23	7	627	1.81	29	6	ND	3	26	1	2	2	29	.29	.137	7	15	.27	149	.11	3	2.13	.03	.07	1
3+00NW 12+00NE	2	49	8	110	.1	39	6	381	1.77	10	5	ND	3	28	1	2	2	28	.36	.043	8	16	.23	96	.12	3	2.30	.04	.05	1
3+00NW 11+50NE	2	33	6	72	.1	47	7	339	2.17	21	5	ND	3	27	1	2	2	34	.39	.109	6	23	.28	108	.13	5	2.59	.03	.06	1
3+00NW 11+00NE	2	57	6	61	.3	25	7	193	2.01	14	5	ND	3	25	1	2	2	35	.35	.020	8	30	.40	83	.10	3	1.80	.03	.08	1
3+00NW 10+50NE	1	107	13	104	.2	26	6	389	1.65	39	5	ND	3	35	1	2	2	26	.52	.021	9	15	.25	90	.09	5	1.58	.04	.06	1
3+00NW 10+00NE	1	89	8	96	.1	29	7	386	2.01	43	5	ND	3	27	1	2	2	35	.33	.086	7	23	.38	149	.09	3	1.60	.03	.07	1
3+00NW 9+50NE	1	56	12	256	.2	28	8	516	2.23	20	5	ND	5	31	1	2	3	35	.37	.054	11	26	.39	110	.13	6	2.31	.04	.09	1
3+00NW 9+00NE	1	140	4	93	.1	23	6	367	1.65	13	5	ND	2	23	1	2	2	30	.32	.018	6	18	.32	70	.08	3	1.26	.04	.05	1
3+00NW 8+50NE	1	35	6	78	.2	27	7	270	2.17	19	5	ND	4	27	1	2	2	36	.28	.049	7	24	.34	270	.12	4	2.47	.03	.08	1
3+00NW 8+00NE	1	59	5	127	.1	21	6	1322	1.76	32	5	ND	2	32	1	2	2	30	.46	.045	7	13	.27	152	.08	5	1.18	.03	.08	1
3+00NW 7+50NE	1	43	8	65	.1	25	8	553	2.12	11	5	ND	4	25	1	2	2	39	.35	.027	10	28	.43	143	.09	2	1.54	.02	.08	1
1+00SE 22+50NE	1	31	6	73	.1	68	8	506	1.39	33	5	ND	2	32	1	2	2	22	.27	.123	4	22	.24	136	.08	3	1.44	.03	.06	1
1+00SE 22+00NE	1	12	4	42	.2	14	3	587	.95	6	5	ND	2	14	1	2	2	19	.15	.074	3	8	.12	100	.06	2	.72	.04	.04	1
1+00SE 21+50NE	2	253	22	114	.3	505	37	607	6.21	183	5	ND	3	20	1	2	5	73	.36	.037	16	238	2.98	71	.08	8	1.51	.03	.10	1
1+00SE 21+00NE	1	55	16	80	.1	293	21	844	2.33	29	5	ND	3	28	1	2	2	35	.33	.061	10	77	.74	155	.12	4	2.04	.04	.08	1
1+00SE 20+50NE	1	15	5	66	.1	87	9	478	1.50	11	5	ND	3	19	1	2	2	27	.19	.046	3	39	.35	125	.07	4	1.04	.04	.06	1
1+00SE 20+00NE	1	95	5	121	.1	25	16	1531	2.85	54	5	ND	1	50	1	2	2	33	.55	.143	4	10	.30	174	.07	3	1.31	.03	.09	1
1+00SE 19+50NE	1	36	11	79	.1	29	9	1401	2.22	39	5	ND	2	26	1	2	2	30	.35	.098	4	16	.28	105	.07	4	1.41	.03	.09	1
STD C	20	59	36	134	6.9	69	28	1014	3.91	41	16	7	34	48	18	17	22	64	.45	.102	36	59	.85	181	.08	35	1.71	.07	.15	13

SOOKOCHOFF PROJECT - ZEPHYR FILE # 87-1597

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
1+00SE 19+00NE	1	32	11	61	.3	49	8	442	1.86	20	6	ND	3	21	1	2	2	26	.20	.051	5	19	.26	114	.08	3	1.52	.04	.06	1
1+00SE 18+50NE	2	110	12	97	.1	67	11	663	2.57	28	5	ND	3	28	1	2	2	31	.26	.133	7	29	.36	159	.10	5	1.85	.03	.12	1
1+00SE 18+00NE	1	24	7	53	.1	53	7	278	1.63	22	5	ND	2	20	1	2	2	26	.20	.056	5	25	.29	106	.09	4	1.62	.03	.06	1
1+00SE 17+50NE	1	19	10	42	.1	47	7	268	1.56	16	5	ND	2	22	1	2	2	28	.30	.036	5	28	.32	74	.07	4	.98	.03	.06	2
1+00SE 17+00NE	1	89	15	149	.1	75	8	293	1.78	70	5	ND	3	28	1	2	2	24	.40	.034	8	17	.24	65	.10	4	1.81	.04	.07	1
1+00SE 16+50NE	2	84	244	798	2.4	62	20	407	3.67	57	5	ND	5	32	2	2	2	45	.34	.090	12	30	.44	83	.15	4	2.83	.03	.06	1
1+00SE 16+00NE	1	43	17	121	.1	33	11	862	2.05	18	7	ND	2	34	1	2	2	29	.35	.090	7	18	.30	115	.09	3	1.64	.03	.08	1
1+00SE 15+50NE	1	62	7	50	.1	57	11	248	2.43	17	5	ND	3	22	1	2	2	40	.29	.023	9	41	.48	95	.09	4	1.50	.03	.07	1
1+00SE 15+00NE	1	23	4	68	.1	25	5	375	1.48	17	5	ND	2	30	1	2	2	19	.30	.050	5	10	.18	153	.09	5	1.54	.04	.08	1
1+00SE 14+50NE	1	68	12	79	.1	36	10	607	2.43	26	5	ND	4	26	1	2	2	36	.29	.086	10	29	.42	181	.10	2	1.95	.03	.07	1
1+00SE 14+00NE	1	37	6	70	.1	34	8	532	1.82	23	5	ND	2	25	1	2	2	28	.28	.081	7	23	.33	167	.07	3	1.33	.03	.06	1
1+00SE 13+50NE	1	47	11	90	.1	27	7	481	1.93	42	5	ND	3	35	1	2	2	29	.41	.062	9	23	.33	143	.10	4	1.89	.03	.08	1
1+00SE 13+00NE	1	29	13	94	.1	25	7	518	1.68	28	5	ND	2	25	1	2	3	29	.28	.060	5	17	.31	145	.08	4	1.29	.03	.07	1
1+00SE 12+50NE	1	17	10	114	.1	11	6	1774	1.61	28	5	ND	2	43	1	2	2	26	.33	.159	4	13	.20	250	.09	2	1.16	.03	.08	1
1+00SE 12+00NE	1	41	14	101	.1	33	8	821	2.20	17	5	ND	2	28	1	2	2	36	.34	.052	8	31	.41	176	.11	3	1.95	.03	.05	1
1+00SE 11+50NE	1	73	15	135	.1	26	8	1757	2.07	34	5	ND	2	24	1	2	2	33	.33	.106	7	17	.29	264	.09	3	1.59	.03	.06	1
1+00SE 11+00NE	1	42	9	94	.2	29	8	983	2.08	21	5	ND	3	26	1	2	2	34	.34	.133	9	24	.38	244	.09	4	1.91	.03	.05	1
1+00SE 10+50NE	1	43	7	93	.1	36	8	526	1.90	26	5	ND	3	29	1	2	2	28	.27	.152	9	22	.36	219	.09	2	1.80	.03	.07	1
1+00SE 10+00NE	1	128	23	161	.1	41	9	827	2.24	56	5	ND	3	32	1	2	2	30	.42	.077	9	18	.35	199	.09	3	1.71	.03	.08	1
1+00SE 9+50NE	3	154	13	104	.1	41	13	1803	3.16	71	5	ND	2	29	1	2	2	42	.42	.083	10	30	.46	268	.09	5	1.94	.03	.07	1
1+00SE 9+00NE	2	122	35	125	.1	45	13	2225	2.81	97	5	ND	2	45	1	2	2	36	.86	.116	10	21	.41	220	.08	4	1.76	.03	.07	1
1+00SE 8+50NE	1	127	12	143	.1	90	14	2046	2.80	42	5	ND	2	43	1	2	2	41	1.06	.161	8	36	.55	286	.08	9	1.94	.02	.14	1
1+00SE 8+00NE	2	127	27	171	.3	32	10	2238	3.30	157	5	ND	3	39	1	4	2	35	.79	.065	15	21	.42	341	.08	5	1.99	.02	.14	1
1+00SE 7+50NE	2	120	10	78	.3	17	13	866	2.61	67	5	ND	2	52	1	2	2	26	1.01	.052	9	12	.27	121	.06	7	1.36	.04	.06	1
1+00SE 7+50NE BL	1	45	20	91	.1	14	11	1810	2.68	106	5	ND	3	36	1	2	2	36	.40	.064	11	15	.33	209	.12	3	2.29	.03	.07	1
2+00SE 22+50NE	1	20	6	54	.1	66	6	544	1.32	24	5	ND	2	20	1	2	2	23	.22	.091	3	19	.21	118	.08	2	1.26	.03	.05	1
2+00SE 22+00NE	1	24	10	58	.1	80	8	587	1.61	29	5	ND	2	17	1	2	2	28	.17	.060	4	28	.29	116	.09	2	1.32	.03	.03	1
2+00SE 21+50NE	7	324	7	63	.2	32	14	543	2.57	22	5	ND	2	25	1	2	2	28	.26	.085	5	13	.26	145	.07	3	1.18	.03	.05	1
2+00SE 21+00NE	1	38	9	80	.1	150	12	562	1.87	34	5	ND	3	32	1	2	2	28	.37	.109	6	42	.37	163	.10	4	1.76	.04	.08	1
2+00SE 20+50NE	1	29	9	53	.1	42	8	559	1.98	18	5	ND	3	20	1	2	2	29	.21	.075	7	18	.27	134	.09	3	1.79	.03	.07	1
2+00SE 20+00NE	3	82	13	100	.1	84	16	2319	3.15	37	5	ND	3	44	1	2	2	38	.44	.203	8	32	.46	274	.13	3	2.60	.03	.07	1
2+00SE 19+50NE	2	60	15	71	.1	13	12	1442	2.41	13	5	ND	1	44	1	2	2	40	.47	.066	6	12	.42	146	.06	2	1.34	.03	.06	1
2+00SE 19+00NE	2	71	9	65	.1	122	15	442	3.33	37	5	ND	3	24	1	2	2	52	.31	.031	8	60	.75	122	.07	4	1.87	.02	.08	1
2+00SE 18+50NE	1	22	8	69	.1	88	9	321	1.78	26	5	ND	2	19	1	2	3	28	.21	.068	4	30	.32	88	.09	3	1.51	.03	.06	1
2+00SE 18+00NE	1	31	14	62	.1	125	12	434	2.35	32	5	ND	3	23	1	2	2	33	.23	.128	6	54	.54	127	.09	4	1.85	.03	.06	1
2+00SE 17+50NE	1	37	8	59	.1	92	9	375	1.93	22	5	ND	3	26	1	2	2	28	.25	.094	7	32	.36	139	.10	2	1.73	.03	.07	1
2+00SE 17+00NE	1	22	8	49	.1	62	8	579	1.72	22	5	ND	2	33	1	2	2	27	.36	.071	5	23	.31	155	.09	4	1.52	.03	.07	1
STD C	20	57	38	130	6.8	67	28	988	3.92	37	19	7	34	46	17	15	20	63	.46	.098	35	57	.92	175	.08	37	1.71	.07	.13	13

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
2+00SE 16+50NE	1	37	9	58	.1	278	22	396	2.47	60	5	ND	3	28	1	2	2	30	.25	.070	7	57	.53	162	.12	7	1.97	.04	.08	1
2+00SE 16+00NE	1	59	12	121	.1	249	14	243	2.85	64	5	ND	4	25	1	2	2	41	.30	.046	9	50	.47	124	.13	5	2.16	.03	.16	2
2+00SE 15+50NE	1	154	8	95	.6	79	13	316	2.72	32	5	ND	4	30	1	2	3	39	.32	.036	15	36	.48	95	.14	4	2.35	.04	.08	1
2+00SE 15+00NE	1	70	18	105	.2	48	14	920	3.23	88	5	ND	4	30	1	2	2	44	.31	.098	12	28	.48	105	.13	4	2.45	.03	.08	1
2+00SE 14+50NE	1	50	11	107	.2	52	12	726	2.77	38	5	ND	3	28	1	2	2	43	.31	.103	10	37	.51	212	.11	4	2.14	.02	.09	1
2+00SE 14+00NE	1	40	9	60	.1	46	10	358	2.16	20	5	ND	3	25	1	2	2	35	.29	.048	8	31	.43	133	.10	6	1.78	.03	.09	1
2+00SE 13+50NE	1	68	9	115	.2	25	10	988	2.27	93	5	ND	3	36	1	2	3	32	.44	.145	6	20	.34	166	.11	6	2.04	.03	.09	1
STD C	21	58	38	132	6.8	69	28	1014	3.95	42	15	8	36	48	18	16	19	64	.47	.101	37	63	.86	174	.08	36	1.70	.07	.13	14
2+00SE 13+00NE	6	127	56	214	.9	27	24	2619	3.73	248	5	ND	1	81	2	2	3	25	.83	.129	7	9	.23	237	.05	5	1.02	.02	.08	1
2+00SE 12+50NE	1	46	14	162	.1	22	8	585	2.16	39	5	ND	3	32	1	2	2	32	.36	.039	9	23	.32	150	.10	5	1.88	.03	.11	1
2+00SE 12+00NE	1	30	11	103	.1	16	6	1326	1.45	17	5	ND	1	30	1	2	2	27	.37	.076	4	17	.23	171	.05	3	.88	.03	.05	1
2+00SE 11+50NE	1	28	6	78	.1	19	6	702	1.60	32	5	ND	1	27	1	2	2	28	.32	.065	5	18	.26	127	.07	3	1.29	.03	.05	1
2+00SE 11+00NE	1	49	3	68	.1	36	7	365	1.77	13	5	ND	2	28	1	2	2	29	.30	.043	8	23	.31	130	.11	5	1.91	.04	.05	1
2+00SE 10+50NE	1	31	7	57	.1	35	8	433	2.00	13	5	ND	3	27	1	2	2	34	.23	.091	7	28	.37	177	.10	2	1.73	.03	.06	1
2+00SE 10+00NE	1	32	8	84	.1	28	6	594	1.73	12	5	ND	3	34	1	2	2	28	.51	.092	9	20	.24	132	.12	6	2.09	.04	.05	1
2+00SE 9+50NE	1	42	9	82	.1	35	8	530	2.16	27	5	ND	3	30	1	2	2	33	.33	.110	9	23	.37	199	.10	5	1.98	.04	.08	1
2+00SE 9+00NE	1	57	7	89	.1	36	9	829	2.14	30	5	ND	3	33	1	4	2	33	.37	.113	9	25	.34	266	.10	5	1.72	.03	.08	1
2+00SE 8+50NE	1	24	3	77	.1	30	5	605	1.32	9	5	ND	1	29	1	2	2	22	.29	.194	6	15	.22	233	.08	3	1.32	.04	.07	1
2+00SE 8+00NE	1	35	8	85	.1	43	8	604	1.86	29	5	ND	3	35	1	2	2	29	.37	.149	8	26	.35	228	.09	5	1.67	.03	.09	1
2+00SE 7+50NE	1	74	9	97	.3	64	7	466	1.90	47	5	ND	3	40	1	2	2	28	.53	.028	14	25	.33	98	.10	7	1.80	.05	.06	1
2+00SE 7+50NE DL	1	39	7	73	.1	66	10	623	2.27	188	5	ND	3	32	1	2	2	32	.37	.065	10	24	.35	145	.10	7	1.87	.04	.09	1

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL -80 MESH

DATE RECEIVED: JUNE 6 1987 DATE REPORT MAILED: June 10/87 ASSAYER. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER

SOOKOCHOFF PROJECT - ZEPHYR File # 87-1614 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
2+00NW 22+50NE BL	1	120	12	62	.1	192	19	417	3.62	66	5	ND	2	23	1	2	5	53	.42	.058	13	116	1.63	67	.07	8	1.38	.03	.07	1
2+00NW 22+50NE	1	33	8	94	.1	42	7	487	1.67	28	5	ND	1	21	1	2	2	24	.25	.101	5	19	.23	224	.09	4	1.56	.04	.06	1
2+00NW 22+00NE	1	66	15	61	.1	166	14	289	2.49	44	5	ND	1	21	1	2	2	36	.28	.032	8	78	.89	102	.08	7	1.44	.02	.07	1
2+00NW 21+50NE	2	35	15	130	.1	99	10	347	1.96	40	5	ND	2	29	1	2	2	26	.42	.058	8	30	.33	144	.12	4	2.48	.04	.07	1
2+00NW 21+00NE	1	33	11	71	.1	620	25	433	3.00	35	5	ND	1	23	1	2	2	31	.25	.039	3	318	.77	127	.07	6	1.11	.03	.05	1
2+00NW 20+50NE	1	18	11	80	.1	70	6	643	1.26	18	5	ND	1	23	1	2	2	20	.25	.132	3	28	.22	205	.07	5	1.17	.03	.05	1
2+00NW 20+00NE	1	27	10	92	.1	78	8	500	1.83	27	5	ND	1	20	1	2	2	26	.19	.168	5	29	.34	199	.10	6	1.70	.03	.07	1
2+00NW 19+50NE	1	22	11	68	.1	79	9	554	1.67	16	5	ND	1	21	1	2	2	27	.22	.061	5	37	.41	175	.08	6	1.40	.03	.05	1
2+00NW 19+00NE	1	24	11	55	.2	42	6	490	1.28	14	5	ND	1	25	1	2	2	20	.22	.105	5	16	.19	174	.09	5	1.62	.04	.05	1
2+00NW 18+50NE	1	50	13	81	.2	50	11	703	1.97	17	5	ND	1	24	1	2	2	31	.33	.099	7	31	.41	217	.08	3	1.50	.03	.09	1
2+00NW 18+00NE	2	55	10	80	.1	52	8	325	1.76	18	5	ND	3	24	1	2	2	25	.25	.099	7	29	.37	172	.08	4	1.66	.04	.10	1
2+00NW 17+50NE	1	42	10	94	.1	61	10	607	2.30	14	5	ND	1	24	1	2	2	34	.36	.059	7	48	.55	226	.07	2	1.31	.02	.13	1
2+00NW 17+00NE	1	44	10	113	.1	95	12	778	2.40	18	5	ND	2	27	1	2	2	34	.38	.085	8	54	.65	313	.09	6	1.81	.02	.13	1
2+00NW 16+50NE	2	42	9	74	.1	49	10	627	2.03	17	5	ND	1	26	1	2	3	32	.35	.075	8	31	.41	203	.09	5	1.70	.03	.08	1
2+00NW 16+00NE	1	33	14	96	.2	30	8	535	1.75	25	5	ND	1	26	1	2	2	28	.31	.088	5	19	.29	146	.08	8	1.44	.03	.07	2
2+00NW 15+50NE	1	56	9	80	.1	44	9	417	2.08	17	5	ND	2	25	1	2	2	33	.33	.069	7	27	.42	143	.10	8	1.82	.03	.07	1
2+00NW 15+00NE	1	35	16	69	.2	35	7	414	1.89	16	5	ND	1	22	1	2	2	29	.26	.083	8	25	.36	152	.09	3	1.87	.03	.07	1
2+00NW 14+50NE	1	45	177	339	.5	31	8	801	1.92	30	5	ND	1	21	1	2	2	29	.29	.130	5	18	.29	173	.09	3	1.52	.03	.06	2
2+00NW 14+00NE	1	90	14	97	.1	25	8	699	1.65	26	5	ND	1	23	1	2	2	26	.29	.055	5	14	.23	153	.08	5	1.22	.04	.06	1
2+00NW 13+50NE	1	56	8	96	.1	22	6	635	1.83	20	5	ND	1	21	1	2	2	26	.28	.067	5	11	.22	168	.08	4	1.33	.04	.06	1
2+00NW 13+00NE	1	28	10	74	.2	36	7	518	1.92	17	5	ND	1	21	1	2	2	29	.26	.084	6	24	.35	114	.09	3	1.99	.03	.06	1
2+00NW 12+50NE	1	94	7	86	.2	27	8	627	2.15	61	5	ND	1	23	1	2	2	32	.27	.060	6	19	.31	160	.10	2	1.90	.03	.06	1
2+00NW 12+00NE	1	48	12	90	.1	26	8	571	2.20	28	5	ND	1	23	1	2	2	35	.29	.063	6	24	.39	147	.10	2	1.93	.03	.06	1
2+00NW 11+50NE	1	69	15	107	.2	33	8	407	2.11	23	5	ND	2	29	1	2	2	31	.37	.046	11	20	.32	109	.13	2	2.53	.04	.06	1
2+00NW 11+00NE	1	28	7	87	.1	24	6	322	1.88	14	5	ND	2	32	1	2	2	28	.40	.082	8	18	.25	102	.12	4	2.38	.04	.05	1
2+00NW 10+50NE	2	70	12	85	.1	22	6	503	1.93	11	5	ND	1	29	1	2	2	27	.36	.073	8	20	.32	125	.11	4	2.14	.04	.07	1
2+00NW 10+00NE	2	47	14	76	.1	18	6	586	1.70	16	5	ND	1	17	1	2	2	29	.23	.065	6	19	.29	137	.09	5	1.40	.03	.04	1
2+00NW 9+50NE	2	33	13	79	.1	19	7	457	2.04	12	5	ND	1	20	1	2	2	32	.26	.102	8	18	.32	153	.11	2	2.18	.03	.04	1
2+00NW 9+00NE	2	45	10	82	.1	30	8	481	2.34	26	5	ND	2	23	1	2	3	35	.30	.054	10	24	.37	185	.11	4	2.32	.03	.06	1
2+00NW 8+50NE	2	50	14	103	.2	23	7	704	2.32	21	5	ND	2	21	1	2	2	34	.38	.049	10	22	.37	153	.10	2	2.13	.02	.06	1
2+00NW 8+00NE	1	36	16	95	.1	20	6	718	2.19	44	5	ND	1	31	1	2	2	30	.37	.078	8	14	.25	261	.10	3	1.96	.04	.08	1
2+00NW 7+50NE	1	52	12	88	.1	25	9	845	2.52	34	5	ND	2	35	1	2	2	40	.34	.090	10	24	.41	165	.10	4	2.15	.02	.09	1
2+00NW 7+50NE BL	1	44	11	107	.2	25	7	746	1.96	29	5	ND	1	29	1	2	2	31	.32	.071	7	21	.37	176	.09	4	1.73	.02	.09	1
1+00NW 22+50NE	1	83	12	96	.2	134	13	371	2.93	40	5	ND	1	23	1	2	2	43	.38	.065	11	84	.92	112	.10	4	1.83	.03	.06	2
1+00NW 22+00NE	1	28	8	80	.3	174	13	362	2.36	31	5	ND	2	26	1	2	3	34	.26	.049	7	73	.86	152	.10	8	2.06	.03	.09	1
STD C	19	57	37	129	7.0	66	27	981	3.99	40	16	8	32	46	17	16	21	60	.48	.093	34	57	.85	173	.08	35	1.65	.06	.13	13

SOOKOCHOFF PROJECT - ZEPHYR FILE # 87-1614

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
1+00NW 21+50NE	1	69	8	81	.1	164	16	360	2.74	40	5	ND	1	25	1	2	2	38	.27	.064	5	63	.71	125	.08	7	1.55	.02	.07	3
1+00NW 21+00NE	1	22	2	85	.1	90	8	319	1.34	41	5	ND	1	19	1	2	2	21	.15	.060	3	27	.21	112	.08	2	1.10	.03	.05	1
1+00NW 19+50NE	1	27	3	73	.1	75	9	545	1.61	13	5	ND	1	18	1	2	2	26	.19	.041	4	29	.36	146	.08	5	1.20	.03	.05	1
1+00NW 19+00NE	1	21	2	53	.1	70	7	421	1.42	15	5	ND	1	26	1	2	2	22	.28	.067	4	20	.21	132	.09	6	1.52	.04	.07	1
1+00NW 18+50NE	1	27	2	76	.1	76	10	297	1.82	21	5	ND	1	24	1	2	2	27	.26	.082	4	32	.34	125	.09	2	1.40	.03	.05	1
1+00NW 18+00NE	1	50	5	63	.1	91	9	243	1.78	16	5	ND	1	26	1	2	2	27	.34	.031	6	30	.32	79	.09	2	1.56	.04	.04	1
1+00NW 17+50NE	1	27	3	69	.1	69	8	609	1.55	16	5	ND	1	27	1	2	2	23	.27	.105	5	18	.23	195	.10	4	1.86	.04	.06	1
1+00NW 17+00NE	1	42	5	76	.1	94	11	496	2.09	22	5	ND	2	24	1	2	2	28	.26	.083	7	41	.41	151	.08	5	1.57	.03	.06	1
1+00NW 16+50NE	1	43	2	88	.1	69	12	558	1.86	13	5	ND	1	22	1	2	2	27	.22	.088	6	28	.36	148	.08	3	1.30	.03	.05	1
1+00NW 16+00NE	1	53	2	83	.1	75	14	704	2.69	25	5	ND	2	32	1	2	2	37	.31	.115	9	47	.56	193	.08	2	1.72	.02	.10	1
1+00NW 15+50NE	1	62	4	87	.1	69	14	634	2.65	23	5	ND	2	30	1	2	2	36	.39	.119	10	46	.58	205	.09	3	1.89	.03	.14	1
1+00NW 15+00NE A	1	14	3	41	.1	23	6	387	1.42	6	5	ND	1	16	1	2	2	26	.21	.033	4	22	.28	82	.06	3	.70	.03	.05	3
1+00NW 15+00NE B	1	38	10	73	.1	38	10	461	2.15	11	5	ND	1	28	1	2	2	31	.32	.089	8	27	.38	124	.10	5	1.91	.03	.05	1
1+00NW 14+50NE	1	111	9	108	.2	52	12	530	2.92	16	5	ND	2	18	1	2	2	42	.22	.097	9	33	.50	173	.12	6	2.59	.02	.05	1
1+00NW 14+00NE	1	55	9	91	.1	36	11	831	2.41	23	5	ND	1	28	1	2	2	34	.36	.104	7	30	.42	190	.09	7	1.71	.02	.06	1
1+00NW 13+50NE	1	59	8	73	.1	34	9	543	2.29	26	5	ND	1	22	1	2	2	34	.30	.085	8	28	.38	142	.10	4	1.89	.03	.06	1
1+00NW 13+00NE	1	47	7	141	.2	26	8	784	2.15	27	5	ND	2	28	1	2	2	30	.36	.089	8	18	.29	231	.11	6	2.12	.03	.07	1
1+00NW 12+50NE	1	41	2	110	.1	20	8	778	2.16	11	5	ND	1	29	1	2	2	33	.29	.102	8	19	.32	203	.12	7	2.23	.03	.09	1
1+00NW 12+00NE	2	92	9	146	.2	31	8	1778	2.32	112	5	ND	1	36	1	2	2	32	.38	.123	9	18	.32	229	.10	4	1.96	.03	.07	2
1+00NW 11+50NE	1	36	9	87	.2	29	9	384	2.21	18	5	ND	2	22	1	2	2	33	.28	.070	8	26	.41	108	.10	4	1.89	.02	.06	1
1+00NW 11+00NE	1	51	5	100	.3	28	10	882	2.39	20	5	ND	1	21	1	2	2	36	.25	.087	8	24	.39	166	.11	5	2.25	.02	.09	1
1+00NW 10+50NE	1	44	10	84	.1	22	7	665	2.22	15	5	ND	1	20	1	2	2	34	.21	.089	9	21	.36	151	.12	4	2.37	.02	.05	1
1+00NW 10+00NE	1	45	7	90	.1	23	7	516	2.20	24	5	ND	3	30	1	2	2	33	.36	.067	9	22	.36	109	.12	6	2.24	.03	.05	1
1+00NW 9+50NE	1	42	5	80	.1	27	8	589	2.27	16	5	ND	1	23	1	2	3	33	.29	.101	9	21	.35	155	.11	9	2.16	.03	.05	1
1+00NW 9+00NE	1	42	10	73	.1	21	7	607	1.92	18	5	ND	1	18	1	2	2	31	.23	.093	6	19	.30	158	.09	5	1.63	.02	.05	1
1+00NW 8+50NE	1	30	9	100	.2	21	7	764	2.06	14	5	ND	2	22	1	2	2	32	.25	.051	7	19	.32	163	.10	2	1.74	.03	.06	1
1+00NW 8+00NE	1	37	6	101	.1	19	7	684	1.80	32	5	ND	1	30	1	2	2	25	.33	.159	7	14	.23	211	.08	6	1.54	.03	.08	1
1+00NW 7+50NE	1	37	10	98	.1	17	7	896	2.19	14	5	ND	1	20	1	2	3	33	.25	.116	7	21	.36	139	.09	4	1.79	.02	.06	1
1+00NW +100NE	1	33	8	64	.1	32	8	491	1.86	18	5	ND	2	31	1	2	2	27	.35	.126	7	22	.32	132	.09	8	1.70	.03	.07	1
1+00NW +50NE	1	33	9	69	.1	32	8	472	1.90	14	5	ND	2	23	1	2	2	29	.26	.089	7	23	.33	129	.09	5	1.61	.03	.05	1
0+00NW 22+50NE	1	45	15	103	.1	126	11	508	2.08	38	5	ND	1	29	1	2	2	30	.30	.091	7	38	.37	172	.11	9	1.95	.04	.06	1
0+00NW 22+00NE	1	47	12	156	.1	131	11	336	2.04	29	5	ND	1	31	1	2	2	27	.37	.083	6	38	.36	73	.10	2	1.98	.03	.04	1
0+00NW 21+50NE	1	51	16	92	.3	93	9	549	2.05	29	5	ND	1	31	1	2	2	30	.36	.109	7	41	.46	171	.09	8	1.86	.03	.07	1
0+00NW 21+00NE	1	31	8	125	.2	81	9	534	1.92	38	5	ND	1	23	1	2	2	28	.21	.079	5	30	.35	154	.08	5	1.44	.03	.05	1
STD C	20	57	39	132	6.8	67	28	1007	3.95	40	17	7	33	46	18	16	21	60	.45	.102	35	58	.87	175	.08	37	1.76	.06	.13	13

SOOKOCHOFF PROJECT - ZEPHYR FILE # 87-1614

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
0+00NW 20+50NE	1	29	2	79	.2	129	11	310	1.99	20	5	ND	1	26	1	2	2	27	.26	.045	5	43	.48	190	.08	5	1.69	.03	.07	1
0+00NW 20+00NE	1	27	14	63	.1	53	7	1027	1.40	17	5	ND	1	28	1	2	3	22	.33	.046	3	18	.26	185	.06	4	.98	.03	.03	1
0+00NW 19+50NE	1	31	4	45	.2	39	6	429	1.21	11	5	ND	1	19	1	2	3	22	.25	.038	3	16	.20	97	.05	2	.70	.03	.04	1
0+00NW 19+00NE	1	36	5	78	.1	93	10	635	1.83	35	5	ND	1	30	1	2	2	25	.29	.182	4	29	.36	218	.09	6	1.62	.03	.06	1
0+00NW 18+50NE	1	56	5	70	.3	85	9	377	2.14	26	5	ND	1	28	1	2	2	29	.36	.079	8	31	.45	162	.10	2	2.03	.04	.07	1
0+00NW 18+00NE	1	28	11	65	.1	59	9	499	1.75	16	5	ND	1	24	1	2	2	25	.29	.083	5	24	.33	170	.08	2	1.33	.03	.06	1
0+00NW 17+50NE	1	30	10	83	.2	74	10	775	2.35	23	5	ND	1	23	1	2	2	32	.29	.095	6	42	.49	217	.08	3	1.53	.03	.07	1
0+00NW 17+00NE	1	44	10	121	.1	91	15	692	2.90	26	5	ND	1	29	1	2	2	36	.41	.120	9	52	.63	244	.08	3	1.82	.02	.11	1
0+00NW 16+50NE	1	37	18	70	.1	56	11	597	2.57	12	5	ND	1	23	1	2	2	36	.37	.077	8	45	.57	214	.08	10	1.29	.02	.15	1
0+00NW 16+00NE	3	161	12	132	.1	56	18	437	3.77	89	5	ND	2	26	1	2	2	40	.37	.069	13	36	.52	109	.07	2	1.53	.02	.10	1
0+00NW 15+50NE	1	58	15	88	.3	61	12	445	2.48	19	5	ND	1	29	1	2	2	33	.41	.080	9	35	.49	111	.09	2	1.78	.03	.07	1
0+00NW 15+00NE	1	32	7	92	.2	45	9	862	2.17	25	5	ND	1	34	1	2	2	27	.46	.126	6	19	.25	168	.10	6	1.82	.03	.06	1
0+00NW 14+50NE	1	73	13	78	.1	31	7	1007	2.19	20	5	ND	2	20	1	2	2	30	.24	.043	7	17	.27	222	.10	2	1.98	.03	.05	1
0+00NW 14+00NE	2	44	21	92	.1	21	6	1822	1.52	23	5	ND	1	26	1	2	2	22	.38	.045	4	12	.22	281	.07	6	1.07	.03	.05	1
0+00NW 13+50NE	1	62	13	77	.1	28	9	755	2.77	24	5	ND	2	25	1	2	2	35	.30	.043	8	24	.43	172	.09	3	1.98	.02	.08	1
0+00NW 13+00NE	1	59	16	104	.1	37	10	721	2.43	53	5	ND	1	29	1	2	2	33	.37	.117	9	28	.44	193	.10	4	2.11	.03	.10	2
0+00NW 12+50NE	1	33	4	73	.1	32	8	433	2.01	21	5	ND	1	28	1	2	2	29	.33	.079	7	22	.35	147	.09	3	1.85	.03	.08	1
0+00NW 12+00NE	1	39	10	81	.1	27	6	544	1.84	26	5	ND	1	35	1	2	2	24	.36	.151	7	18	.29	198	.09	4	2.01	.03	.08	1
0+00NW 11+50NE	1	39	11	92	.1	35	9	834	2.28	16	5	ND	1	27	1	2	2	34	.36	.080	8	27	.44	221	.09	5	1.91	.02	.07	1
0+00NW 11+00NE	1	50	9	81	.1	31	9	542	2.27	16	5	ND	1	24	1	2	2	33	.34	.058	10	25	.43	174	.11	2	2.27	.02	.04	1
0+00NW 10+50NE	1	44	5	76	.2	37	8	626	2.15	14	5	ND	1	32	1	2	4	31	.44	.080	8	27	.40	178	.09	3	1.84	.02	.09	1
0+00NW 10+00NE	2	51	15	108	.1	26	10	747	2.47	17	5	ND	1	31	1	2	3	35	.43	.122	9	25	.42	204	.10	2	2.20	.02	.08	1
0+00NW 9+50NE	1	78	46	122	.1	37	9	890	2.55	30	5	ND	1	26	1	2	2	32	.38	.087	7	21	.33	219	.08	5	1.65	.02	.05	1
0+00NW 9+00NE	1	64	15	98	.2	32	10	1471	2.80	27	5	ND	1	24	1	2	2	39	.42	.076	9	23	.41	165	.09	4	1.85	.02	.09	1
0+00NW 8+50NE	1	63	19	145	.1	17	6	2575	1.87	24	5	ND	1	26	1	2	2	22	1.04	.070	9	13	.28	225	.07	7	1.37	.03	.08	1
0+00NW 8+00NE	1	48	21	116	.1	13	11	2244	2.59	20	5	ND	1	40	1	2	2	37	.64	.134	6	13	.39	277	.06	4	1.39	.03	.07	1
0+00NW 7+50NE	1	38	8	90	.1	12	8	1733	2.33	27	5	ND	1	35	1	2	2	28	.53	.074	8	11	.30	211	.06	3	1.45	.03	.06	1
3+00SE 22+50NE	1	28	6	56	.1	95	9	508	1.82	18	5	ND	1	32	1	2	2	26	.25	.144	4	42	.46	170	.08	2	1.42	.03	.04	1
3+00SE 22+00NE	3	264	13	42	.1	154	7	442	1.50	18	5	ND	1	41	1	2	4	21	.53	.028	8	26	.29	63	.08	2	1.52	.05	.04	1
3+00SE 21+50NE	2	49	9	78	.1	99	11	548	2.12	27	5	ND	2	24	1	2	3	29	.21	.125	7	41	.47	166	.10	2	2.12	.03	.06	1
3+00SE 21+00NE	2	45	20	77	.1	108	11	645	2.23	42	5	ND	1	32	1	2	2	32	.33	.045	5	42	.50	140	.08	2	1.57	.03	.07	1
3+00SE 20+50NE	2	84	11	95	.1	93	11	535	2.62	39	5	ND	1	31	1	2	2	33	.30	.064	7	41	.49	206	.08	2	1.78	.03	.09	1
3+00SE 20+00NE	1	53	15	79	.1	174	14	362	2.58	30	5	ND	2	30	1	2	2	33	.31	.057	6	63	.65	169	.10	3	2.08	.03	.11	1
3+00SE 19+50NE	1	325	14	209	.1	529	10	819	1.80	12	5	ND	1	111	4	2	2	17	9.21	.085	20	31	.44	112	.05	11	1.21	.03	.05	1
3+00SE 19+00NE	2	104	29	128	.1	139	10	580	2.29	26	5	ND	1	54	1	2	2	28	1.25	.068	8	31	.43	110	.09	16	1.98	.03	.09	1
3+00SE 18+50NE	5	109	15	102	.2	73	20	708	4.02	37	5	ND	2	56	1	2	2	36	.56	.292	7	16	.46	227	.09	7	1.96	.03	.10	1
STD C	19	55	47	129	6.8	69	28	983	4.14	41	16	7	32	46	17	16	23	59	.46	.099	34	55	.86	180	.08	38	1.73	.06	.13	13

SOOKOCHOFF PROJECT - ZEPHYR FILE # 87-1614

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
3+00SE 18+00NE	1	29	11	61	.1	95	11	393	2.27	34	5	ND	1	31	1	2	2	31	.32	.050	5	37	.43	138	.10	2	2.06	.03	.06	1
3+00SE 17+50NE	1	57	2	60	.1	296	13	302	1.86	25	5	ND	1	33	1	2	4	23	.45	.031	6	49	.45	60	.07	2	1.41	.03	.06	1
3+00SE 17+00NE	1	67	7	51	.1	654	9	472	1.59	13	5	ND	1	40	1	2	4	19	.53	.014	8	32	.34	59	.07	2	1.26	.04	.03	1
3+00SE 16+50NE	1	37	6	38	.1	168	8	308	1.55	15	5	ND	1	39	1	2	2	20	.48	.026	7	19	.24	49	.08	6	1.57	.04	.03	1
3+00SE 16+00NE	1	43	7	84	.1	59	8	439	1.98	24	5	ND	1	32	1	2	2	27	.44	.069	6	23	.32	84	.09	2	1.64	.03	.06	1
3+00SE 15+50NE	1	27	6	73	.1	41	8	328	1.79	22	5	ND	1	32	1	2	2	25	.39	.041	5	21	.28	47	.09	2	1.56	.04	.03	1
3+00SE 15+00NE	1	120	21	123	.2	38	15	1079	3.18	90	5	ND	1	30	1	2	2	34	.34	.089	11	21	.39	125	.10	6	2.45	.02	.07	1
3+00SE 15+00NE BL	2	86	19	110	.1	42	13	1015	2.88	71	5	ND	2	40	1	2	2	33	.39	.102	10	24	.42	130	.10	2	2.03	.03	.05	1
3+00SE 14+50NE	1	24	13	51	.1	7	5	1930	1.17	17	5	ND	1	35	1	2	2	19	.49	.064	3	6	.13	200	.05	2	.70	.03	.04	1
3+00SE 14+00NE	1	37	19	64	.1	20	6	412	1.76	52	5	ND	1	32	1	2	2	25	.45	.038	6	16	.26	85	.09	4	1.62	.03	.05	1
3+00SE 13+50NE	1	34	2	81	.1	29	9	599	2.56	57	5	ND	2	24	1	2	2	35	.33	.064	7	19	.35	110	.11	2	2.27	.02	.05	2
3+00SE 13+00NE	1	34	12	99	.2	15	8	744	2.72	79	5	ND	1	32	1	2	2	35	.39	.121	7	15	.36	129	.09	2	1.74	.02	.05	1
3+00SE 12+50NE	1	35	12	82	.1	21	8	887	1.99	23	5	ND	1	33	1	2	2	28	.42	.073	6	20	.35	179	.08	2	1.61	.02	.07	1
3+00SE 12+00NE	1	40	4	50	.1	13	6	1060	1.65	22	5	ND	1	14	1	2	2	24	.24	.101	4	10	.20	173	.06	7	.85	.03	.04	1
3+00SE 11+50NE	1	46	9	73	.1	22	8	1184	2.38	38	5	ND	1	23	1	2	2	29	.34	.086	6	16	.33	247	.07	2	1.31	.03	.05	1
3+00SE 11+00NE	1	34	5	63	.1	28	8	653	2.23	12	5	ND	1	23	1	2	2	33	.32	.066	7	27	.40	159	.09	3	1.74	.02	.05	1
3+00SE 10+50NE	1	12	8	83	.1	12	5	745	1.77	20	5	ND	1	29	1	2	3	28	.33	.087	7	17	.25	142	.08	3	.99	.03	.05	1
3+00SE 10+00NE	3	82	10	64	.2	45	14	926	4.01	14	5	ND	1	37	1	2	2	37	.58	.091	10	15	.26	408	.04	7	1.03	.03	.07	1
3+00SE 9+50NE	1	38	7	77	.1	41	8	420	2.26	29	5	ND	1	30	1	2	2	30	.35	.112	9	23	.36	129	.10	4	2.11	.03	.08	1
3+00SE 9+00NE	1	18	18	108	.1	19	9	1099	2.70	26	5	ND	2	44	1	2	2	52	.57	.128	14	47	.85	161	.14	2	1.50	.03	.12	1
3+00SE 8+50NE	1	45	13	80	.1	33	11	304	3.56	19	5	ND	4	39	1	2	2	64	.68	.078	23	66	.87	105	.19	4	2.11	.03	.20	1
3+00SE 8+00NE	1	38	8	68	.2	37	9	470	2.44	18	5	ND	1	29	1	2	3	35	.31	.037	8	29	.51	164	.10	6	2.11	.02	.06	1
3+00SE 7+50NE	1	20	25	65	.2	15	6	966	1.60	24	5	ND	1	16	1	2	3	27	.17	.108	4	17	.24	80	.01	4	1.05	.02	.04	1
4+00SE 22+50NE	1	27	11	70	.2	68	8	463	1.67	25	5	ND	1	22	1	2	2	23	.21	.148	5	27	.28	133	.09	2	1.99	.03	.04	1
4+00SE 22+00NE	1	20	11	72	.1	62	8	427	1.72	24	5	ND	1	18	1	2	2	24	.18	.142	4	25	.25	148	.10	2	2.08	.03	.05	1
4+00SE 21+50NE	1	40	9	62	.1	71	11	518	2.05	28	5	ND	1	26	1	2	2	31	.29	.056	5	33	.44	132	.09	2	1.79	.03	.06	1
4+00SE 21+00NE	1	11	9	68	.1	19	5	689	1.36	11	5	ND	1	23	1	2	2	23	.24	.113	4	14	.21	181	.07	2	.88	.03	.04	1
4+00SE 20+50NE	1	30	11	54	.1	52	6	411	1.72	20	5	ND	1	31	1	2	2	22	.39	.058	6	20	.28	105	.09	2	1.80	.03	.06	1
4+00SE 20+00NE	1	95	19	75	.4	81	12	198	2.72	32	5	ND	2	40	1	2	3	29	.43	.058	9	30	.43	112	.12	3	2.78	.04	.05	1
4+00SE 19+50NE	2	35	15	136	.3	85	11	373	2.07	19	5	ND	1	32	1	2	2	27	.37	.114	6	42	.41	103	.09	6	1.71	.03	.06	1
4+00SE 19+00NE	2	55	17	115	.1	91	9	532	1.62	20	5	ND	1	51	1	2	2	21	.68	.092	5	35	.42	104	.06	9	1.19	.03	.04	1
4+00SE 18+50NE	3	144	6	96	.1	75	10	434	2.19	19	5	ND	1	35	1	2	2	24	.50	.040	7	26	.38	65	.09	4	1.75	.04	.05	1
4+00SE 18+00NE	2	43	13	72	.1	95	12	395	2.57	20	5	ND	1	26	1	2	2	33	.30	.027	7	54	.63	122	.09	3	1.78	.02	.06	1
4+00SE 17+50NE	1	45	11	48	.1	88	8	297	1.63	22	5	ND	1	27	1	2	2	22	.28	.078	5	18	.26	79	.09	10	1.81	.04	.05	1
4+00SE 17+00NE	1	93	11	57	.1	59	6	187	1.61	12	5	ND	1	45	1	2	2	20	.49	.028	7	18	.24	74	.09	5	1.81	.04	.07	1
4+00SE 16+50NE	1	27	10	49	.1	26	6	433	1.33	14	5	ND	1	21	1	2	2	21	.20	.116	3	14	.18	123	.07	2	1.14	.04	.04	1
STD C	20	57	42	133	6.8	66	28	1014	3.96	38	17	7	33	48	17	16	21	61	.45	.101	35	58	.86	178	.08	36	1.65	.07	.13	14

SOOKOCHOFF PROJECT - ZEPHYR FILE # 87-1614

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
4+00SE 16+00NE	1	40	11	77	.3	42	8	543	1.78	72	5	ND	3	45	1	4	2	24	.36	.122	8	19	.28	133	.10	3	1.83	.03	.09	2
4+00SE 15+50NE	1	38	10	78	.2	58	11	636	2.03	35	5	ND	2	38	1	2	2	29	.34	.110	8	27	.34	126	.10	3	1.77	.03	.09	1
4+00SE 15+00NE	1	47	4	46	.3	28	8	525	1.66	27	5	ND	2	43	1	2	2	23	.45	.105	7	15	.22	103	.09	6	1.69	.04	.08	1
4+00SE 14+50NE	1	51	9	53	.2	9	8	1432	1.22	18	6	ND	1	35	1	2	2	23	.49	.043	4	7	.11	135	.06	4	.54	.04	.05	1
4+00SE 14+00NE	1	96	43	109	.1	38	16	1688	2.73	114	5	ND	2	45	1	2	3	33	.42	.100	10	22	.36	233	.09	6	1.72	.02	.12	1
4+00SE 13+50NE	1	80	14	57	.1	27	10	819	2.39	90	5	ND	2	36	1	3	2	32	.39	.049	10	23	.33	157	.09	2	1.66	.02	.10	2
4+00SE 13+00NE	1	45	19	89	.2	19	8	842	1.94	60	5	ND	1	38	1	3	3	28	.41	.103	7	19	.28	202	.08	4	1.49	.02	.08	1
4+00SE 12+50NE	1	39	14	96	.1	28	8	1124	1.76	35	5	ND	2	26	1	3	2	27	.26	.175	7	21	.29	253	.08	2	1.35	.02	.06	1
4+00SE 12+00NE	1	50	8	79	.3	36	10	767	2.22	28	5	ND	3	27	1	2	4	34	.34	.067	9	27	.39	201	.09	5	1.73	.02	.06	1
4+00SE 11+50NE	1	46	9	74	.1	17	15	916	4.70	28	5	ND	1	24	1	2	2	39	.30	.061	8	10	.18	262	.03	2	.96	.02	.06	1
4+00SE 11+00NE	1	37	15	66	.1	34	13	970	3.02	34	5	ND	2	51	1	3	2	33	.70	.104	18	30	.33	236	.05	7	1.58	.02	.11	1
4+00SE 10+50NE	1	52	6	66	.1	31	9	438	2.03	20	5	ND	3	32	1	2	2	28	.47	.063	12	22	.40	100	.11	3	1.91	.04	.06	1
4+00SE 10+00NE	1	46	15	98	.2	65	14	713	3.05	32	5	ND	3	40	1	4	2	48	.42	.071	18	52	.71	144	.12	4	2.21	.02	.13	1
4+00SE 9+50NE	1	30	17	71	.1	28	10	684	2.42	22	5	ND	1	26	1	2	2	46	.31	.110	15	39	.56	96	.09	2	1.89	.02	.09	1
4+00SE 9+00NE	1	29	6	62	.3	29	10	777	2.43	11	5	ND	2	34	1	2	2	44	.40	.081	13	40	.59	134	.12	2	1.63	.02	.11	1
4+00SE 8+50NE	1	22	3	33	.2	22	3	184	.83	5	5	ND	1	14	1	2	2	13	.17	.020	6	10	.16	35	.04	2	.68	.02	.02	1
4+00SE 8+00NE	2	30	14	70	.1	34	8	699	2.00	26	5	ND	2	38	1	2	2	28	.33	.138	9	22	.30	199	.08	3	1.47	.03	.09	1
4+00SE 7+50NE	1	35	14	181	.1	35	14	514	4.09	21	5	ND	6	69	1	2	2	94	.90	.218	40	105	1.29	144	.26	7	2.12	.03	.32	1
5+00SE 22+50NE	1	27	9	87	.1	55	10	555	2.26	20	5	ND	2	31	1	2	2	37	.32	.141	10	34	.47	138	.11	5	1.94	.03	.09	1
5+00SE 22+00NE	1	174	14	80	.6	126	15	748	2.81	51	5	ND	1	58	1	2	2	41	1.31	.069	11	80	1.16	114	.06	8	1.31	.03	.06	2
5+00SE 21+50NE	1	72	14	73	.1	117	9	356	1.73	16	5	ND	2	54	1	2	2	25	.81	.053	6	38	.42	82	.07	7	1.23	.03	.06	1
5+00SE 21+00NE	1	58	9	84	.2	128	9	364	1.63	17	5	ND	2	29	1	2	3	23	.26	.051	6	28	.28	72	.08	2	1.46	.04	.05	1
5+00SE 20+50NE	1	37	6	65	.1	88	9	433	1.65	46	5	ND	1	37	1	2	2	26	.32	.067	6	31	.28	95	.10	3	1.59	.04	.05	1
5+00SE 20+00NE	1	22	8	52	.1	48	7	503	1.42	26	5	ND	1	18	1	2	2	25	.20	.052	4	25	.24	117	.08	2	1.06	.03	.04	1
5+00SE 19+50NE	1	19	8	68	.1	29	5	632	1.45	20	5	ND	2	30	1	2	2	23	.23	.074	5	12	.19	135	.08	3	1.33	.03	.07	1
5+00SE 19+00NE	2	45	13	68	.1	45	8	639	2.10	18	5	ND	1	41	1	2	2	27	.36	.064	9	21	.29	175	.09	5	1.91	.03	.09	1
5+00SE 18+50NE	2	26	34	137	.1	33	11	1072	2.92	33	5	ND	3	88	1	2	2	32	.67	.171	14	27	.46	284	.07	6	1.50	.03	.12	1
5+00SE 18+00NE	1	25	12	59	.2	12	6	1509	1.39	12	5	ND	1	83	1	2	2	28	.67	.112	8	12	.20	212	.06	4	.62	.03	.05	1
5+00SE 17+50NE	1	65	15	78	.1	77	14	1201	2.58	26	5	ND	2	30	1	2	2	41	.32	.098	10	47	.60	197	.09	4	1.79	.02	.07	1
5+00SE 17+00NE	2	43	10	88	.3	75	13	1153	2.36	33	5	ND	2	32	1	3	2	35	.34	.054	6	39	.42	198	.09	4	1.56	.03	.07	2
5+00SE 16+50NE	1	41	6	78	.1	35	9	934	1.99	19	5	ND	3	42	1	2	2	29	.44	.116	8	18	.28	217	.11	7	2.01	.04	.09	1
5+00SE 16+00NE	1	132	11	62	.1	57	9	535	1.91	25	5	ND	2	40	1	2	2	27	.44	.058	10	24	.34	88	.10	3	1.89	.04	.08	2
5+00SE 15+50NE	1	47	12	81	.2	132	16	413	2.86	39	5	ND	3	29	1	2	4	39	.31	.104	7	77	.77	194	.09	7	1.80	.03	.14	1
5+00SE 15+00NE	1	36	6	106	.1	108	13	616	2.29	25	5	ND	2	28	1	2	2	33	.24	.192	8	58	.61	228	.08	2	1.61	.03	.09	1
5+00SE 14+50NE	1	39	11	57	.2	116	16	466	2.95	26	5	ND	3	23	1	2	2	46	.31	.035	9	92	.96	110	.09	8	1.34	.02	.10	1
5+00SE 14+00NE	1	36	19	79	.1	36	9	1293	1.88	32	5	ND	1	42	1	2	2	27	.43	.084	6	24	.33	247	.07	4	1.35	.03	.10	1
STD C	19	58	39	135	6.9	67	29	1020	3.91	40	15	8	34	48	17	16	21	62	.47	.100	35	59	.87	180	.08	36	1.69	.07	.13	13

SOOKOCHOFF PROJECT - ZEPHYR FILE # 87-1614

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
5+00SE 13+50NE	1	45	11	80	.1	32	10	944	2.37	65	5	ND	2	34	1	2	2	24	.31	.091	8	16	.26	173	.07	2	1.64	.02	.10	1
5+00SE 13+00NE	1	27	2	41	.1	16	6	333	1.51	13	5	ND	1	12	1	2	5	22	.16	.073	4	15	.21	91	.06	2	.98	.03	.05	1
5+00SE 12+50NE	1	32	3	58	.2	18	6	547	1.43	11	5	ND	1	24	1	2	2	18	.29	.118	5	10	.19	155	.06	2	1.12	.03	.07	1
5+00SE 12+00NE	2	159	12	108	.4	28	12	1347	2.99	26	5	ND	1	46	1	15	5	23	.65	.109	7	14	.27	469	.06	5	1.35	.02	.08	1
5+00SE 11+50NE	1	60	15	47	.1	35	11	824	2.82	14	5	ND	1	34	1	2	2	30	.53	.077	9	22	.39	173	.08	4	1.79	.02	.07	1
5+00SE 11+00NE	1	55	5	58	.1	32	14	1961	2.70	16	5	ND	1	30	1	2	3	31	.48	.096	13	25	.44	279	.07	2	2.10	.02	.09	1
5+00SE 10+50NE	1	35	15	72	.1	25	9	848	2.36	16	5	ND	1	34	1	2	2	27	.39	.088	9	20	.36	159	.08	2	1.84	.03	.09	1
5+00SE 10+00NE	1	28	4	75	.2	23	6	390	1.81	15	5	ND	2	20	1	2	3	24	.21	.072	7	19	.31	114	.08	2	1.65	.03	.06	1
5+00SE 9+50NE	1	37	8	54	.2	32	9	455	2.15	30	5	ND	3	27	1	2	2	30	.32	.064	9	27	.43	135	.08	2	1.79	.02	.10	2
5+00SE 9+00NE	1	34	2	63	.1	48	9	541	2.39	24	5	ND	2	23	1	2	3	30	.29	.074	9	33	.47	125	.09	2	1.89	.02	.09	1
5+00SE 8+50NE	1	70	6	60	.1	38	7	326	1.97	13	5	ND	2	40	1	2	2	22	.57	.022	15	22	.42	71	.09	2	1.61	.04	.06	1
5+00SE 8+00NE	2	28	8	62	.1	26	7	581	1.84	21	5	ND	2	26	1	2	3	21	.23	.104	6	13	.22	150	.08	2	1.64	.03	.06	1
5+00SE 7+50NE	2	19	11	105	.1	24	6	776	1.94	23	5	ND	2	37	1	2	3	23	.38	.130	10	15	.24	158	.08	4	1.79	.03	.08	1
6+00SE 22+00NE	1	40	11	73	.1	80	9	892	2.06	15	5	ND	2	50	1	2	6	28	.64	.136	8	40	.53	240	.07	4	1.68	.02	.11	1
6+00SE 21+50NE	1	36	5	54	.2	93	9	383	1.78	10	5	ND	2	48	1	2	4	24	.49	.061	7	33	.39	102	.08	3	1.55	.03	.06	2
6+00SE 21+00NE	1	52	8	60	.1	124	12	566	2.44	23	5	ND	1	27	1	2	5	33	.32	.099	8	61	.65	127	.08	3	1.88	.03	.07	1
6+00SE 20+50NE	1	29	6	58	.1	76	7	566	1.57	25	5	ND	2	29	1	2	4	21	.24	.139	5	25	.26	192	.08	2	1.60	.03	.06	1
6+00SE 20+00NE	1	37	7	51	.2	96	9	609	1.76	27	5	ND	2	25	1	2	3	24	.28	.074	7	32	.37	101	.08	3	1.80	.03	.06	1
6+00SE 19+50NE	1	6	8	26	.1	20	3	365	.71	5	5	ND	1	17	1	2	3	15	.21	.052	2	11	.11	72	.04	2	.39	.03	.03	1
6+00SE 19+00NE	1	24	14	83	.1	25	6	1792	1.96	15	5	ND	2	44	1	2	4	26	.42	.192	6	18	.35	257	.08	4	1.77	.02	.07	1
6+00SE 18+50NE	1	37	6	49	.1	98	9	422	1.93	32	5	ND	2	43	1	2	5	23	.45	.053	8	28	.35	113	.10	4	2.14	.03	.08	1
6+00SE 18+00NE	2	39	11	136	.2	42	6	389	2.15	19	5	ND	3	36	1	2	2	24	.32	.059	10	18	.28	98	.07	4	1.64	.03	.08	1
6+00SE 17+50NE	1	28	6	65	.1	30	6	571	1.84	17	5	ND	1	43	1	2	3	21	.49	.077	7	15	.23	134	.06	4	1.08	.03	.08	1
6+00SE 17+00NE	1	27	8	89	.1	18	8	540	2.55	11	5	ND	1	48	1	2	3	23	.45	.099	11	12	.18	236	.04	6	1.24	.02	.12	1
6+00SE 16+50NE	2	45	11	282	.2	53	7	340	2.31	15	5	ND	3	44	1	2	2	22	.39	.099	14	15	.22	114	.06	6	1.54	.03	.09	1
6+00SE 16+00NE	1	55	11	138	.2	104	12	540	2.80	17	5	ND	3	40	1	2	3	33	.44	.067	12	41	.58	148	.10	4	2.25	.03	.12	1
6+00SE 15+50NE	2	32	13	204	.3	71	8	490	2.25	20	5	ND	2	53	1	2	4	24	.51	.124	10	24	.36	161	.06	4	1.42	.03	.11	1
6+00SE 15+00NE	1	20	10	65	.2	19	8	939	2.57	9	5	ND	1	44	1	2	2	29	.56	.091	9	15	.51	159	.06	4	1.57	.03	.08	1
6+00SE 14+50NE	1	33	5	68	.1	69	11	431	2.33	12	5	ND	2	26	1	2	3	31	.31	.053	7	49	.58	124	.07	4	1.38	.03	.09	1
6+00SE 14+00NE	1	35	13	111	.1	20	7	1382	1.96	13	5	ND	2	46	1	2	3	30	.47	.168	10	26	.41	315	.08	2	1.46	.03	.07	1
6+00SE 13+50NE	1	70	7	61	.1	27	8	438	2.37	23	5	ND	3	32	1	3	2	28	.33	.061	11	23	.40	172	.08	3	1.97	.03	.13	1
6+00SE 13+00NE	1	44	2	41	.1	37	9	355	2.23	17	5	ND	2	19	1	2	3	31	.30	.038	7	27	.45	105	.08	3	1.42	.03	.07	2
6+00SE 12+50NE	1	28	9	62	.1	25	8	797	2.15	18	5	ND	2	31	1	2	2	25	.35	.129	8	15	.26	153	.08	2	1.36	.03	.09	1
6+00SE 12+00NE	1	31	16	121	.2	12	5	1663	1.43	7	5	ND	1	47	1	2	2	23	.57	.171	6	13	.21	276	.06	5	.99	.03	.05	1
6+00SE 11+50NE	1	41	15	58	.1	28	8	675	2.13	18	5	ND	2	37	1	2	2	27	.49	.079	9	21	.34	152	.08	2	1.65	.02	.08	2
6+00SE 11+00NE	1	84	29	75	.1	32	21	3108	3.23	24	5	ND	1	52	1	2	2	33	.84	.124	16	26	.49	232	.06	9	2.03	.01	.09	1
STD C	19	57	35	121	6.9	66	25	917	4.04	36	16	7	30	43	16	17	18	55	.45	.091	35	53	.84	161	.07	40	1.64	.06	.13	15

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
6+00SE 10+50NE	1	46	27	102	.1	24	10	1232	2.30	26	5	ND	1	53	1	2	2	39	.56	.153	11	29	.42	179	.09	2	1.73	.03	.07	1
6+00SE 10+00NE	1	76	7	64	.1	37	11	327	2.62	31	5	ND	2	46	1	2	2	31	.58	.028	13	34	.48	118	.12	5	2.06	.05	.08	2
6+00SE 9+50NE	1	37	9	61	.1	38	10	501	2.15	19	5	ND	2	36	1	2	2	32	.42	.088	11	29	.39	157	.10	5	1.69	.04	.09	1
6+00SE 9+00NE	1	53	12	85	.1	36	10	581	2.22	17	5	ND	1	43	1	2	2	31	.73	.056	12	30	.44	116	.10	6	1.73	.04	.07	1
6+00SE 8+50NE	1	45	9	79	.2	38	10	400	2.03	20	5	ND	1	29	1	2	2	33	.37	.050	8	32	.42	127	.09	2	1.55	.04	.09	1
6+00SE 8+00NE	1	25	12	60	.1	26	9	419	2.23	17	5	ND	3	33	1	2	2	40	.38	.094	12	33	.49	129	.14	3	1.99	.04	.10	1
6+00SE 7+50NE	1	33	12	277	.1	45	12	453	3.13	16	5	ND	5	56	1	2	2	56	1.05	.114	31	68	.89	107	.25	8	1.72	.05	.11	2
7+00SE 21+50NE	1	81	33	90	.1	164	21	1043	3.12	25	5	ND	2	54	1	2	2	51	.75	.082	14	81	1.04	218	.12	10	2.05	.03	.13	1
7+00SE 21+00NE	1	29	15	51	.1	21	3	362	.90	8	5	ND	1	63	1	2	2	17	1.36	.038	4	12	.23	136	.05	11	.66	.04	.07	1
7+00SE 20+50NE	1	48	10	61	.1	155	13	363	1.87	35	5	ND	1	22	1	2	2	29	.24	.045	6	45	.49	118	.10	5	1.73	.04	.06	1
7+00SE 20+00NE	1	33	16	60	.2	57	8	774	1.85	20	5	ND	1	29	1	2	2	29	.33	.108	8	29	.37	138	.10	9	2.04	.04	.06	1
7+00SE 19+50NE	1	38	8	53	.1	78	9	610	1.92	40	5	ND	1	44	1	2	2	28	.39	.079	8	39	.38	168	.10	5	2.02	.05	.07	1
7+00SE 19+00NE	1	28	10	40	.1	58	6	272	1.40	18	5	ND	1	39	1	2	2	21	.34	.052	5	20	.24	73	.08	2	1.33	.05	.05	1
7+00SE 18+50NE	1	10	7	35	.1	12	3	449	.82	11	5	ND	1	17	1	2	2	19	.17	.033	2	7	.10	66	.06	3	.54	.05	.04	1
7+00SE 18+00NE	1	60	9	110	.2	116	7	312	1.92	13	5	ND	2	55	1	2	2	24	.53	.018	11	28	.38	90	.10	12	1.80	.06	.06	1
7+00SE 17+50NE	1	30	14	148	.1	73	11	859	2.48	30	5	ND	2	56	1	2	2	32	.46	.100	9	30	.42	168	.10	9	2.17	.04	.10	1
7+00SE 17+00NE	1	41	11	105	.1	64	10	480	2.31	26	5	ND	1	40	1	2	2	30	.36	.071	12	28	.36	149	.09	6	1.90	.05	.09	1
7+00SE 16+50NE	1	31	13	120	.1	70	10	413	2.12	27	5	ND	1	34	1	2	2	30	.31	.074	8	27	.35	124	.11	2	1.83	.05	.09	1
7+00SE 16+00NE	1	15	15	169	.1	21	4	663	1.35	8	5	ND	1	83	1	2	2	22	.70	.148	6	11	.14	142	.07	10	.92	.05	.09	1
7+00SE 15+50NE	2	55	20	136	.1	82	12	721	2.62	32	5	ND	2	52	1	2	2	32	.47	.085	13	32	.45	176	.10	4	2.08	.05	.08	1
7+00SE 15+00NE BL	1	42	7	77	.2	75	11	439	2.11	25	5	ND	2	54	1	2	2	33	.52	.087	8	36	.44	151	.11	5	1.85	.05	.08	1
7+00SE 15+00NE	1	43	18	73	.1	76	10	513	1.90	22	5	ND	1	55	1	2	2	29	.55	.077	8	29	.38	116	.11	4	1.90	.05	.06	1
7+00SE 14+50NE	1	19	12	63	.1	24	7	756	1.85	9	5	ND	1	51	1	2	2	33	.48	.096	11	24	.34	212	.09	6	1.49	.05	.10	1
7+00SE 14+00NE	1	46	15	100	.2	56	12	1122	2.44	26	5	ND	1	66	1	2	2	37	.75	.070	15	41	.56	189	.08	3	1.81	.04	.10	1
7+00SE 13+50NE	2	108	72	278	1.7	61	17	713	3.69	52	5	ND	4	37	1	2	3	44	.40	.073	19	36	.55	156	.14	3	2.79	.04	.11	1
7+00SE 13+00NE	1	30	13	137	.1	36	11	776	2.53	46	5	ND	2	45	1	2	3	37	.39	.208	11	27	.50	219	.10	4	2.35	.04	.11	1
7+00SE 12+50NE	1	50	10	74	.1	38	12	678	2.32	33	5	ND	2	36	1	2	3	37	.39	.106	9	30	.45	185	.11	3	1.99	.04	.07	1
7+00SE 12+00NE	1	31	22	119	.1	17	11	2422	1.80	16	5	ND	1	49	1	2	2	29	.58	.176	6	13	.24	340	.07	9	1.07	.04	.07	1
7+00SE 11+50NE	1	37	13	74	.1	31	10	540	2.17	80	5	ND	1	34	1	2	3	32	.43	.105	10	26	.37	155	.10	6	1.91	.04	.08	1
7+00SE 11+00NE	8	49	26	122	.1	37	12	1041	3.08	45	5	ND	1	59	1	2	2	38	.84	.104	15	27	.39	202	.09	6	2.14	.04	.14	1
7+00SE 10+50NE	2	53	18	98	.1	42	13	703	3.06	32	5	ND	3	46	1	2	2	40	.50	.087	17	31	.52	184	.13	6	2.78	.04	.13	1
7+00SE 10+00NE	1	144	10	88	.1	37	5	651	1.20	8	9	ND	4	150	1	2	2	17	9.98	.074	13	15	.24	99	.05	11	.81	.05	.05	1
7+00SE 9+50NE	1	34	12	74	.1	38	9	527	2.21	25	5	ND	3	38	1	2	2	35	.76	.098	11	29	.40	149	.11	9	1.86	.04	.09	1
7+00SE 9+00NE	1	35	13	76	.1	54	11	581	2.70	58	5	ND	2	39	1	2	2	37	.50	.055	12	29	.45	160	.10	6	1.88	.04	.09	1
7+00SE 8+50NE	2	26	21	118	.2	33	14	1018	3.41	73	5	ND	1	47	1	2	2	30	.62	.111	9	14	.25	178	.05	6	1.31	.04	.09	1
7+00SE 8+00NE	1	20	12	119	.1	65	11	513	2.75	68	5	ND	1	34	1	2	2	32	.37	.093	8	21	.37	146	.08	7	1.66	.05	.08	1
STD C	19	59	42	130	6.8	65	29	988	3.96	40	15	7	32	47	16	16	23	60	.48	.093	34	56	.90	175	.08	36	1.68	.06	.12	13

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
7+00SE 7+50NE	1	24	8	106	.1	18	5	477	1.47	7	5	ND	1	55	1	2	2	20	.63	.129	9	14	.22	142	.07	9	1.35	.04	.09	1
8+00SE 21+00NE	1	65	18	77	.1	93	14	940	2.38	19	5	ND	2	56	1	2	2	34	.65	.109	11	43	.61	239	.09	6	1.76	.03	.10	1
8+00SE 20+50NE	1	41	8	59	.2	116	13	567	2.25	19	5	ND	2	26	1	2	2	35	.31	.087	6	57	.66	133	.08	7	1.46	.03	.06	1
8+00SE 20+00NE	1	23	10	49	.1	57	6	429	1.34	23	5	ND	1	23	1	2	2	23	.24	.100	4	20	.20	121	.08	2	1.17	.03	.06	1
8+00SE 19+50NE	1	34	12	54	.2	88	9	617	2.06	18	5	ND	2	28	1	2	2	30	.30	.098	8	39	.46	134	.10	2	2.01	.03	.09	1
8+00SE 19+00NE	1	48	10	38	.3	66	6	300	1.53	12	5	ND	2	38	1	2	2	20	.32	.035	7	21	.27	82	.08	10	1.57	.04	.05	1
8+00SE 18+50NE	1	26	12	94	.1	24	5	768	1.31	16	5	ND	1	34	1	2	2	21	.33	.106	4	13	.19	153	.07	6	1.14	.04	.04	1
8+00SE 18+00NE	1	30	12	73	.2	64	9	417	1.58	12	5	ND	1	35	1	2	2	22	.32	.061	6	22	.30	88	.08	7	1.42	.04	.06	1
8+00SE 17+50NE	1	28	12	64	.2	57	8	616	1.41	16	5	ND	1	18	1	2	2	23	.16	.064	3	21	.23	102	.06	2	.89	.03	.05	1
8+00SE 17+00NE	2	48	11	159	.1	75	13	249	3.26	17	5	ND	2	94	1	2	2	30	.38	.034	14	30	.54	136	.07	8	1.98	.03	.15	1
8+00SE 16+50NE	1	18	7	81	.1	28	6	709	1.75	11	5	ND	2	42	1	2	2	24	.37	.060	9	14	.24	128	.08	2	1.56	.04	.07	1
8+00SE 16+00NE	1	34	16	83	.2	66	10	584	2.02	25	5	ND	2	39	1	2	2	28	.39	.058	7	27	.35	134	.08	2	1.59	.03	.07	1
8+00SE 15+50NE	1	34	11	68	.3	71	9	751	1.97	19	5	ND	2	28	1	2	2	27	.29	.055	8	23	.29	149	.10	2	1.83	.03	.06	1
8+00SE 15+00NE BL	1	56	10	77	.1	77	14	1006	2.60	21	5	ND	2	56	1	2	2	32	.54	.071	12	40	.50	168	.10	6	2.07	.03	.11	1
8+00SE 15+00NE	1	52	13	73	.2	70	14	587	2.43	17	5	ND	3	38	1	2	3	34	.34	.077	10	43	.56	158	.08	2	1.69	.02	.10	1
8+00SE 14+50NE	1	34	22	88	.5	28	6	354	1.52	17	7	ND	7	363	1	2	2	13	15.81	.117	9	8	.24	152	.02	7	.83	.02	.11	1
8+00SE 14+00NE	2	50	22	91	.2	41	11	687	3.14	41	5	ND	4	60	1	3	2	36	1.04	.077	22	35	.45	221	.08	9	2.51	.03	.15	1
8+00SE 13+50NE	1	39	18	104	.1	44	13	871	2.86	37	5	ND	2	51	1	2	2	33	.47	.112	17	31	.38	230	.07	2	1.64	.02	.10	1
8+00SE 13+00NE	1	46	20	73	.2	38	12	914	2.59	21	5	ND	2	38	1	2	2	40	.43	.132	11	33	.51	300	.10	6	2.04	.02	.11	1
8+00SE 12+50NE	1	30	10	83	.2	34	11	1006	2.55	42	5	ND	2	41	1	2	2	36	.43	.175	10	24	.44	264	.09	2	1.89	.02	.09	1
8+00SE 12+00NE	1	37	12	122	.2	33	9	1004	2.35	140	5	ND	2	36	1	4	2	27	.43	.093	12	18	.26	161	.07	10	1.71	.03	.10	1
8+00SE 11+50NE	1	19	15	56	.2	11	5	1224	1.48	21	5	ND	1	36	1	2	3	27	.34	.096	6	12	.20	218	.06	3	1.02	.03	.05	1
8+00SE 11+00NE	1	34	24	90	.3	11	5	1421	1.50	12	5	ND	1	66	1	3	2	27	.65	.160	11	16	.31	412	.05	6	1.15	.03	.07	1
8+00SE 10+50NE	1	29	21	132	.2	32	10	689	2.79	20	5	ND	2	38	1	3	2	41	.38	.078	12	34	.54	212	.11	5	1.88	.02	.10	1
8+00SE 10+00NE	1	35	9	76	.1	36	10	562	2.52	23	5	ND	2	26	1	2	3	38	.30	.138	10	34	.49	130	.11	5	1.98	.02	.08	1
8+00SE 9+50NE	1	25	10	62	.1	29	7	510	1.92	14	5	ND	1	29	1	2	2	26	.29	.121	8	22	.32	176	.09	9	1.75	.03	.09	1
8+00SE 9+00NE	1	42	16	84	.1	39	10	481	2.27	24	5	ND	2	29	1	2	2	32	.28	.127	11	27	.40	165	.10	4	1.84	.03	.08	1
8+00SE 8+50NE	1	26	21	94	.4	31	8	365	2.12	22	5	ND	3	39	1	4	2	29	.45	.054	12	22	.34	135	.09	4	1.82	.03	.12	1
8+00SE 8+00NE	1	25	8	138	.2	34	6	302	1.95	17	5	ND	3	49	1	3	2	21	.49	.056	12	15	.24	127	.07	4	1.51	.04	.07	1
8+00SE 7+50NE	1	30	20	199	.2	29	8	964	2.09	15	5	ND	1	69	1	2	2	27	.75	.204	11	20	.25	252	.08	6	1.66	.03	.06	1
9+00SE 20+00NE	1	26	8	55	.2	19	4	459	.95	4	5	ND	1	38	1	3	2	20	.68	.105	4	12	.17	138	.05	7	.56	.04	.05	1
9+00SE 19+50NE	1	40	17	47	.2	101	12	586	2.46	13	5	ND	2	30	1	2	2	35	.37	.031	8	59	.70	109	.08	8	1.60	.03	.09	1
9+00SE 19+00NE	1	31	15	46	.1	69	8	263	1.67	17	5	ND	1	39	1	2	2	24	.41	.029	7	24	.34	77	.08	2	1.32	.04	.06	1
9+00SE 18+50NE	1	28	8	56	.2	87	8	556	1.64	28	5	ND	2	26	1	2	2	25	.31	.075	6	28	.29	173	.09	4	1.64	.03	.05	1
9+00SE 18+00NE	1	28	14	63	.2	64	9	631	2.00	29	5	ND	2	23	1	3	2	30	.28	.074	7	32	.42	150	.09	2	1.77	.03	.07	1
9+00SE 17+50NE	1	25	8	62	.2	69	9	807	1.91	14	5	ND	1	30	1	2	2	29	.35	.068	5	33	.40	149	.07	3	1.32	.02	.09	1
STD C	19	58	39	129	6.7	65	28	977	3.95	41	16	8	32	46	16	15	18	59	.46	.092	34	55	.91	173	.08	37	1.76	.06	.14	12

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
9+00SE 17+00NE	1	28	12	67	.2	65	7	533	1.51	23	5	ND	1	30	1	2	2	25	.29	.066	5	21	.27	101	.08	5	1.40	.04	.06	1
9+00SE 16+50NE	1	43	8	72	.1	68	9	566	2.22	29	5	ND	2	43	1	2	2	30	.38	.047	11	27	.42	145	.10	4	1.93	.04	.10	2
9+00SE 16+00NE	1	37	13	84	.1	100	12	599	2.41	28	5	ND	2	23	1	2	2	34	.25	.102	8	41	.49	132	.09	4	1.70	.03	.07	1
9+00SE 15+50NE	1	32	11	64	.1	59	9	446	1.85	20	5	ND	2	54	1	2	3	28	.51	.040	8	23	.33	107	.09	7	1.52	.04	.07	1
9+00SE 15+00NE BL	1	70	11	106	.3	106	14	443	3.14	36	5	ND	3	45	1	2	2	37	.43	.082	13	43	.62	156	.10	10	2.04	.03	.11	1
9+00SE 15+00NE	1	23	8	109	.2	62	8	383	2.20	32	5	ND	2	32	1	3	2	26	.25	.035	8	16	.21	128	.07	10	1.48	.04	.11	1
9+00SE 14+50NE	1	55	9	73	.1	82	12	606	2.19	31	5	ND	2	40	1	2	2	35	.41	.069	9	32	.42	130	.11	9	1.96	.04	.09	1
9+00SE 14+00NE	1	37	13	251	.1	25	8	1046	1.86	21	5	ND	1	144	1	2	2	22	1.29	.327	9	13	.17	431	.07	10	1.29	.03	.08	1
9+00SE 13+50NE	1	22	13	104	.1	27	5	542	1.49	17	5	ND	1	129	1	2	2	20	1.59	.148	7	11	.15	150	.06	9	.91	.03	.08	1
9+00SE 13+00NE	1	28	10	364	.1	32	6	426	1.97	14	5	ND	2	168	2	2	2	25	1.48	.414	10	20	.25	303	.08	15	1.57	.03	.09	1
9+00SE 12+50NE	3	89	50	198	.1	82	14	615	3.79	56	5	ND	4	75	1	2	2	35	.98	.138	20	34	.49	333	.09	12	2.13	.03	.17	1
9+00SE 12+00NE	1	53	11	95	.1	57	20	642	3.81	78	5	ND	3	105	1	2	2	27	1.11	.277	15	16	.39	332	.06	7	1.55	.03	.13	1
9+00SE 11+50NE	3	43	23	116	.1	50	11	510	2.56	27	5	ND	1	82	1	2	2	39	1.25	.117	12	25	.41	141	.08	5	1.71	.03	.10	1
9+00SE 11+00NE	6	39	16	101	.2	53	9	998	2.20	24	5	ND	1	71	1	2	2	41	1.11	.167	10	27	.38	135	.08	5	1.61	.03	.09	2
9+00SE 10+50NE	3	53	19	119	.2	59	13	667	2.75	28	5	ND	2	37	1	2	2	33	.38	.087	12	31	.41	151	.08	3	1.76	.02	.12	1
9+00SE 10+00NE	1	41	18	140	.2	69	13	391	2.88	22	5	ND	4	43	1	2	2	37	.44	.124	14	31	.55	231	.12	6	2.73	.04	.18	2
9+00SE 9+50NE	1	57	8	84	.1	53	14	508	2.85	27	5	ND	2	33	1	2	2	42	.33	.098	10	38	.50	152	.09	8	1.38	.03	.08	1
9+00SE 9+00NE	1	27	6	150	.1	39	8	453	2.00	12	5	ND	3	54	1	2	2	30	.58	.085	12	23	.39	123	.10	13	1.52	.04	.09	1
9+00SE 8+50NE	2	35	21	169	.2	52	10	550	2.62	20	5	ND	3	56	1	4	2	32	.50	.130	16	26	.36	191	.10	9	2.01	.03	.12	2
9+00SE 8+00NE	2	36	14	163	.1	65	10	333	2.52	18	5	ND	3	53	1	2	2	34	.39	.135	14	32	.44	152	.10	10	1.78	.03	.13	1
9+00SE 7+50NE	1	29	8	58	.1	40	9	542	2.17	15	5	ND	3	34	1	2	2	33	.40	.057	11	29	.45	130	.09	5	1.44	.03	.10	1
STD C	19	58	37	129	7.1	68	28	978	3.97	39	15	7	32	46	17	15	21	60	.46	.098	34	56	.85	173	.08	35	1.73	.06	.13	13

ACME ANALYTICAL LABORATORIES 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL -80 MESH

DATE RECEIVED: JUNE 11 1987 DATE REPORT MAILED: June 16/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

SOOKOCHOFF PROJECT - ZEPHYR CLAIMS File # 87-1710 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
6+00NW 23+00NE	1	20	19	79	.1	114	10	335	1.97	42	5	ND	1	19	1	2	2	27	.16	.269	4	41	.39	154	.12	6	2.41	.03	.04	1
6+00NW 23+50NE	1	19	17	68	.2	90	10	245	1.79	29	5	ND	2	15	1	2	2	27	.14	.080	4	41	.34	91	.10	5	1.87	.03	.04	1
6+00NW 24+00NE	1	262	10	110	.2	575	14	277	1.61	49	5	ND	1	41	1	2	2	21	.61	.029	9	46	.52	76	.07	7	1.30	.04	.05	1
6+00NW 24+50NE	1	38	18	85	.1	171	16	603	2.38	47	5	ND	1	24	1	2	2	34	.29	.059	8	79	1.00	142	.08	6	1.66	.03	.11	1
6+00NW 25+00NE	1	19	12	60	.2	187	13	435	1.99	18	5	ND	1	20	1	2	2	28	.23	.048	5	77	.82	116	.08	7	1.52	.03	.07	1
6+00NW 25+50NE	1	67	14	66	.1	537	19	318	3.11	24	5	ND	2	23	1	2	2	46	.25	.018	8	131	1.63	89	.11	9	2.09	.03	.10	1
6+00NW 26+00NE	1	39	9	42	.1	310	17	326	2.45	13	5	ND	1	23	1	2	2	34	.32	.024	6	108	1.07	73	.08	8	1.49	.03	.06	1
6+00NW 26+50NE	1	32	12	63	.1	177	17	673	2.08	18	5	ND	1	26	1	2	2	29	.30	.067	6	83	.84	192	.08	10	1.56	.03	.08	1
6+00NW 27+00NE	1	71	16	58	.1	210	18	501	3.08	18	5	ND	2	23	1	2	2	47	.32	.036	10	136	1.46	107	.08	9	1.49	.02	.11	1
6+00NW 27+50NE	1	21	13	49	.1	191	14	428	2.01	12	5	ND	1	25	1	2	2	29	.25	.082	5	105	1.18	141	.08	7	1.58	.03	.07	1
6+00NW 28+00NE	1	34	18	80	.1	178	15	619	2.35	52	5	ND	2	30	1	2	2	36	.32	.180	8	95	1.14	156	.09	7	1.91	.03	.07	1
6+00NW 28+50NE	1	28	12	107	.1	181	13	547	2.22	35	5	ND	1	22	1	2	2	35	.25	.164	6	87	.91	176	.09	10	1.81	.03	.07	1
5+00NW 23+00NE	1	57	14	92	.1	110	16	310	2.93	28	5	ND	2	20	1	2	2	47	.27	.021	11	83	.84	77	.09	3	1.22	.02	.07	1
5+00NW 23+50NE	1	23	10	186	.1	109	7	152	1.32	25	5	ND	1	15	1	2	2	23	.17	.051	3	21	.22	65	.08	3	1.12	.04	.04	1
5+00NW 24+00NE	1	40	10	80	.1	135	15	566	2.44	31	5	ND	2	24	1	2	2	37	.29	.074	6	69	.77	148	.09	5	1.56	.03	.06	1
5+00NW 24+50NE	1	26	10	46	.1	117	9	288	1.69	10	5	ND	1	20	1	2	2	24	.23	.078	4	46	.47	90	.07	5	1.24	.03	.06	1
5+00NW 25+00NE	1	20	9	62	.1	107	10	612	1.92	10	5	ND	1	20	1	2	2	29	.26	.058	5	56	.68	126	.07	6	1.28	.03	.06	1
5+00NW 25+50NE	1	29	12	60	.1	202	17	513	2.20	14	5	ND	1	25	1	2	2	33	.29	.067	5	80	.89	120	.08	6	1.54	.03	.07	1
5+00NW 26+00NE	1	26	10	60	.1	129	15	644	2.28	16	5	ND	1	25	1	2	2	35	.26	.063	5	81	.86	134	.08	4	1.28	.03	.08	1
5+00NW 26+50NE	1	37	8	56	.1	155	14	338	2.86	18	5	ND	1	20	1	2	2	47	.27	.022	6	99	1.35	101	.10	6	1.71	.03	.07	1
5+00NW 27+00NE	1	22	8	65	.2	122	13	587	2.28	15	5	ND	1	16	1	2	2	37	.22	.101	4	82	.89	138	.07	6	1.51	.02	.06	1
5+00NW 27+50NE	1	43	12	70	.1	136	12	532	2.29	27	5	ND	2	24	1	2	2	38	.25	.106	6	63	.85	164	.08	5	1.88	.03	.09	1
5+00NW 28+00NE	1	36	7	92	.1	75	10	441	2.13	30	5	ND	2	23	1	2	2	36	.28	.065	7	38	.56	148	.09	7	1.95	.03	.13	1
4+00NW 23+00NE	1	14	10	62	.1	61	7	588	1.29	16	5	ND	1	20	1	2	2	23	.23	.092	3	25	.28	166	.07	7	.88	.03	.10	1
4+00NW 23+50NE	1	35	7	62	.1	139	13	508	1.85	41	5	ND	2	25	1	2	2	27	.27	.093	5	50	.55	151	.08	7	1.41	.03	.08	1
4+00NW 24+00NE	1	29	7	57	.1	108	12	302	1.98	20	5	ND	1	22	1	2	2	30	.24	.053	5	53	.61	107	.08	5	1.50	.03	.07	1
4+00NW 24+50NE	1	34	6	55	.2	101	13	348	2.18	26	5	ND	2	19	1	2	2	34	.22	.066	5	55	.68	134	.09	6	1.66	.03	.06	1
4+00NW 25+00NE	1	31	7	45	.1	142	13	308	2.30	17	5	ND	1	17	1	2	2	37	.25	.057	6	87	.93	88	.08	6	1.30	.03	.07	1
4+00NW 25+50NE	1	24	8	64	.1	236	17	613	2.40	11	5	ND	1	23	1	2	3	32	.24	.072	6	121	1.23	192	.09	6	1.92	.03	.07	1
4+00NW 26+00NE	1	23	13	55	.1	158	13	443	2.21	12	5	ND	2	23	1	2	3	33	.27	.045	5	96	1.06	114	.08	5	1.47	.03	.09	1
4+00NW 26+50NE	1	73	8	33	.1	75	4	258	.84	15	5	ND	1	45	1	2	2	17	.50	.019	4	21	.30	73	.04	7	.91	.05	.05	1
4+00NW 27+00NE	1	48	13	81	.2	131	15	627	2.42	24	5	ND	2	22	1	2	2	39	.26	.074	6	69	.83	155	.08	4	1.78	.03	.07	1
4+00NW 27+50NE	1	79	15	67	.1	190	17	623	3.04	18	5	ND	2	28	1	2	2	48	.33	.055	10	100	1.24	162	.11	7	1.91	.03	.08	1
4+00NW 28+00NE	1	80	10	48	.1	57	8	496	1.64	16	5	ND	2	28	1	2	2	23	.36	.077	10	27	.34	107	.10	5	2.08	.04	.11	1
3+00NW 23+00NE	1	33	12	77	.1	73	10	490	1.65	32	5	ND	2	35	1	2	2	24	.30	.184	6	31	.33	141	.08	6	1.51	.04	.06	1
3+00NW 23+50NE	1	43	11	81	.1	109	13	803	2.31	24	5	ND	1	38	1	2	2	35	.40	.151	7	54	.61	256	.09	7	1.93	.03	.06	1
STD C	19	59	37	133	6.8	66	28	994	3.93	41	17	8	32	47	17	16	20	60	.48	.099	35	58	.86	177	.08	34	1.75	.07	.13	12

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
3+00NW 24+00NE	1	53	12	74	.1	121	16	949	3.02	21	5	ND	2	28	1	2	2	45	.36	.046	9	80	.82	218	.10	3	2.42	.02	.06	1
3+00NW 24+50NE	1	44	11	61	.2	137	14	414	2.60	19	5	ND	2	30	1	2	2	37	.34	.034	8	74	.84	181	.10	4	2.13	.02	.07	1
3+00NW 25+50NE	1	27	16	108	.2	118	9	1172	1.92	19	5	ND	1	38	1	2	2	26	.39	.121	6	17	.27	217	.09	4	1.48	.03	.07	1
3+00NW 26+00NE	1	30	10	70	.1	95	9	702	1.52	20	5	ND	1	22	1	2	2	25	.23	.071	4	39	.40	146	.07	3	1.11	.02	.05	1
3+00NW 26+50NE	1	49	12	60	.1	146	15	661	2.75	13	5	ND	1	23	1	2	2	40	.27	.055	7	26	.92	145	.09	7	2.06	.03	.06	1
3+00NW 27+00NE	1	30	7	68	.1	129	11	499	1.83	12	5	ND	1	23	1	2	2	28	.26	.068	7	57	.59	169	.09	2	1.59	.03	.08	1
3+00NW 28+50NE	1	30	11	102	.1	54	10	765	1.99	19	5	ND	2	28	1	2	2	26	.26	.375	8	35	.34	198	.09	4	1.97	.03	.05	1
3+00NW 29+50NE	1	30	9	76	.1	59	8	571	2.01	15	5	ND	1	28	1	2	2	30	.40	.083	9	39	.48	127	.09	4	1.90	.03	.08	1
3+00NW 30+00NE	1	23	7	70	.1	60	7	627	1.84	9	5	ND	1	40	1	2	2	27	.60	.052	10	43	.46	106	.09	3	1.77	.04	.05	1
3+00NW 31+00NE	1	26	14	55	.1	43	8	466	2.10	13	5	ND	2	25	1	2	2	30	.32	.142	8	29	.46	139	.09	2	1.74	.03	.07	1
3+00NW 31+50NE	1	30	18	91	.1	42	11	1041	2.81	16	5	ND	1	31	1	2	3	38	.44	.087	16	35	.60	209	.09	2	2.13	.02	.11	1
2+00NW 23+00NE	1	25	9	66	.1	90	15	787	2.54	19	5	ND	1	23	1	2	2	35	.34	.042	7	71	.80	133	.07	3	.95	.02	.08	1
2+00NW 23+50NE	1	37	15	106	.1	37	8	798	2.08	23	5	ND	1	30	1	2	2	28	.40	.154	7	23	.39	354	.09	8	1.96	.03	.07	1
2+00NW 24+00NE	1	27	7	67	.1	95	12	574	2.28	15	5	ND	1	19	1	2	2	31	.22	.083	6	58	.66	191	.08	3	1.60	.03	.09	1
2+00NW 24+50NE	9	5291	21	118	3.1	74	37	2042	7.16	54	5	ND	2	38	1	3	2	49	.60	.109	18	33	.56	377	.05	3	1.56	.02	.08	6
2+00NW 25+00NE	2	254	22	104	.2	110	16	515	3.56	27	5	ND	2	21	1	2	2	44	.23	.056	8	59	.72	143	.10	2	2.12	.02	.06	1
STD C	19	58	37	130	6.8	62	28	955	3.98	40	18	8	32	46	16	15	19	59	.49	.097	35	55	.89	170	.08	37	1.76	.06	.12	12
2+00NW 25+50NE	1	45	12	77	.1	130	12	549	2.04	19	5	ND	2	26	1	2	2	30	.27	.097	6	55	.63	158	.09	6	1.68	.03	.07	1
2+00NW 26+00NE	1	43	16	80	.1	151	14	506	2.76	21	5	ND	2	29	1	2	2	40	.33	.064	9	82	.91	158	.10	5	2.00	.03	.06	1
2+00NW 28+00NE	1	33	17	80	.2	92	10	554	1.97	13	5	ND	1	41	1	2	2	29	.58	.108	9	46	.52	149	.08	6	1.74	.03	.06	1
2+00NW 28+50NE	1	28	9	71	.1	65	9	366	2.07	13	5	ND	2	21	1	2	2	33	.23	.055	8	36	.44	103	.09	4	1.72	.03	.05	1
2+00NW 29+00NE	1	16	16	72	.1	34	6	508	1.68	14	5	ND	1	23	1	2	2	25	.27	.161	5	22	.29	116	.09	3	1.68	.03	.05	1
2+00NW 30+00NE	1	21	11	66	.1	44	9	716	2.09	12	5	ND	2	26	1	2	2	34	.38	.049	8	35	.47	134	.08	4	1.36	.03	.07	1
2+00NW 30+50NE	1	20	12	75	.1	50	9	610	2.18	14	5	ND	1	20	1	2	2	32	.27	.130	8	36	.47	138	.08	7	1.68	.03	.06	1
2+00NW 31+00NE	1	26	12	89	.1	74	10	1012	2.29	9	5	ND	1	41	1	2	2	32	.50	.089	10	55	.60	225	.08	4	1.55	.03	.12	1
2+00NW 31+50NE	1	34	14	77	.1	99	12	695	3.24	12	5	ND	2	31	1	2	2	43	.46	.058	17	90	.85	164	.09	3	1.72	.02	.21	1
2+00NW 32+00NE	1	51	13	123	.1	26	12	1782	2.64	21	5	ND	1	59	1	2	2	35	1.00	.138	11	23	.47	246	.11	6	2.52	.03	.09	1
2+00NW 32+50NE	1	70	22	97	.1	23	12	832	2.89	25	5	ND	4	51	1	2	2	38	.64	.190	17	22	.49	202	.14	12	3.21	.04	.15	1
2+00NW 33+00NE	1	47	24	129	.1	23	13	1286	3.37	24	5	ND	2	46	1	2	2	42	.54	.102	12	24	.56	283	.11	4	2.67	.03	.16	1
2+00NW 33+50NE	1	48	28	185	.1	18	13	1469	3.30	30	5	ND	2	42	1	2	2	38	.46	.070	13	15	.42	242	.08	4	2.08	.03	.19	1
1+00NW 23+00NE	1	28	59	95	.1	44	6	531	1.37	21	5	ND	1	31	1	2	2	19	.39	.253	4	19	.20	232	.07	6	1.46	.03	.04	1
1+00NW 23+50NE	1	30	8	109	.2	86	8	372	1.64	43	5	ND	1	34	1	2	2	22	.45	.213	5	20	.27	103	.10	6	2.13	.04	.04	1
1+00NW 24+00NE	1	24	13	62	.1	106	10	452	2.16	22	5	ND	2	27	1	2	2	32	.23	.081	7	49	.58	159	.10	2	2.00	.03	.05	1
1+00NW 24+50NE	1	30	8	52	.1	209	15	332	2.30	18	5	ND	2	22	1	2	2	34	.20	.072	6	77	.87	130	.10	8	2.07	.03	.05	1
1+00NW 25+00NE	1	25	10	60	.1	80	9	516	1.99	13	5	ND	2	21	1	2	2	30	.22	.160	6	41	.51	169	.10	3	1.92	.03	.05	1
1+00NW 28+00NE	1	36	15	80	.1	72	9	550	2.20	15	5	ND	1	32	1	2	3	33	.44	.127	10	41	.55	157	.10	8	2.09	.03	.08	1
1+00NW 28+50NE	1	72	61	87	.6	94	14	590	3.26	20	5	ND	4	41	1	2	2	55	.82	.073	17	75	1.43	108	.09	5	1.39	.03	.11	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
1+00NW 29+00NE	1	28	6	78	.1	58	10	501	2.42	13	5	ND	2	25	1	2	2	40	.29	.105	10	42	.56	159	.10	3	1.99	.03	.08	1
1+00NW 29+50NE	1	22	6	78	.1	43	9	598	2.05	13	5	ND	1	30	1	2	2	34	.33	.140	8	30	.41	141	.10	2	1.83	.03	.07	1
1+00NW 30+00NE	1	37	10	58	.1	82	11	484	2.65	13	5	ND	2	32	1	2	2	44	.56	.049	13	62	.88	99	.09	4	1.37	.02	.13	1
1+00NW 30+50NE	1	20	4	61	.1	95	12	462	2.82	9	5	ND	2	27	1	2	3	44	.41	.038	13	82	.90	102	.10	2	1.29	.02	.13	1
1+00NW 31+00NE	1	19	11	52	.1	42	8	420	1.99	7	5	ND	1	30	1	2	2	31	.44	.052	9	31	.40	99	.09	3	1.44	.03	.07	1
1+00NW 31+50NE	1	25	7	49	.1	69	10	652	2.21	9	5	ND	1	34	1	2	3	34	.45	.045	12	46	.56	119	.09	7	1.47	.03	.12	1
1+00NW 32+00NE	1	42	15	95	.1	24	11	1909	2.29	20	5	ND	1	43	1	2	2	33	.55	.173	10	20	.38	292	.11	2	2.18	.03	.11	1
1+00NW 32+50NE	1	22	13	77	.1	19	8	1554	1.68	22	5	ND	1	44	1	2	2	22	.52	.172	8	14	.24	230	.10	7	1.92	.03	.16	1
1+00NW 33+00NE	1	23	3	52	.1	5	5	716	.97	10	5	ND	1	49	1	2	2	18	.66	.127	2	5	.11	98	.04	5	.45	.03	.07	1
1+00NW 33+50NE	1	52	18	114	.1	23	13	1540	2.91	22	5	ND	1	26	1	2	2	40	.24	.082	16	17	.41	166	.12	2	2.47	.03	.09	1
1+00NW 34+00NE	1	67	19	91	.2	25	16	1936	2.90	20	5	ND	1	37	1	2	2	39	.38	.086	12	22	.42	155	.08	2	2.07	.03	.10	1
1+00NW 34+50NE	1	36	21	126	.1	52	11	1136	2.60	11	5	ND	1	38	1	2	2	45	.42	.074	14	48	.65	179	.13	2	2.12	.03	.10	1
1+00NW 35+00NE	1	27	17	84	.1	34	11	1169	2.76	10	5	ND	2	30	1	2	3	47	.47	.092	23	45	.85	159	.13	4	2.02	.03	.17	1
0+00NW 23+00NE	3	356	16	113	.3	176	22	515	4.28	55	5	ND	2	33	1	2	3	52	.37	.063	14	66	.94	148	.11	3	2.12	.03	.09	3
0+00NW 23+50NE	1	224	19	72	.4	164	20	677	3.41	84	5	ND	1	47	1	2	3	47	1.08	.067	13	90	1.35	138	.06	14	1.55	.02	.09	2
0+00NW 24+00NE	1	31	5	52	.3	98	11	757	1.66	26	5	ND	1	27	1	2	2	27	.28	.068	4	34	.37	167	.08	2	1.33	.03	.06	1
0+00NW 24+50NE	1	33	6	45	.1	78	9	471	1.72	13	5	ND	1	25	1	2	2	29	.23	.095	6	37	.43	137	.10	4	1.71	.03	.06	1
0+00NW 28+00NE	1	52	15	93	.1	83	11	717	2.32	12	5	ND	1	30	1	2	2	37	.38	.097	10	50	.60	201	.09	6	1.78	.03	.13	1
0+00NW 28+50NE	1	35	9	77	.1	48	10	639	2.31	13	5	ND	1	25	1	2	2	45	.38	.071	9	43	.64	143	.07	2	1.28	.03	.09	1
0+00NW 29+00NE	1	54	8	87	.1	44	9	826	2.01	9	5	ND	1	48	1	2	2	31	.55	.121	9	31	.37	193	.09	3	1.79	.04	.08	1
0+00NW 29+50NE	1	39	8	73	.1	79	12	728	2.78	11	5	ND	2	38	1	2	3	43	.50	.077	14	61	.69	190	.10	4	1.92	.02	.17	1
0+00NW 30+00NE	1	18	2	58	.2	46	9	566	2.18	7	5	ND	1	23	1	2	2	38	.32	.047	8	41	.52	116	.08	2	1.22	.03	.12	1
0+00NW 30+50NE	1	31	10	57	.1	46	8	472	1.98	8	5	ND	1	43	1	2	2	33	.59	.044	10	31	.41	105	.08	7	1.45	.04	.10	1
0+00NW 31+00NE	1	25	8	61	.1	46	7	730	1.89	7	5	ND	1	38	1	2	2	28	.49	.065	9	30	.36	116	.09	4	1.59	.03	.08	1
0+00NW 31+50NE	1	37	9	65	.1	74	10	670	2.22	8	5	ND	2	37	1	2	2	33	.46	.066	12	47	.52	165	.10	8	1.84	.03	.13	1
0+00NW 32+00NE	1	37	27	80	.2	13	7	2072	1.82	19	5	ND	1	44	1	2	2	27	.49	.100	8	10	.27	274	.09	4	1.67	.03	.12	1
0+00NW 32+50NE	1	42	16	71	.2	18	8	1051	2.22	11	5	ND	2	42	1	3	2	33	.43	.050	13	17	.35	185	.12	5	2.16	.03	.11	1
0+00NW 33+00NE	1	35	15	113	.1	10	7	2542	1.53	17	5	ND	1	69	1	3	2	25	.73	.123	6	9	.21	266	.07	6	1.17	.03	.07	1
0+00NW 33+50NE	1	41	15	81	.2	12	8	1560	1.83	17	5	ND	1	36	1	2	2	28	.42	.106	10	11	.25	187	.08	8	1.70	.03	.08	1
0+00NW 34+00NE	1	76	35	162	.1	40	17	2600	3.65	24	5	ND	2	31	1	2	3	54	.42	.082	23	43	.66	205	.12	2	2.59	.02	.13	1
0+00NW 34+50NE	1	25	8	78	.1	30	6	588	1.72	12	5	ND	2	29	1	2	3	24	.33	.098	9	20	.33	152	.09	7	1.94	.04	.11	1
0+00NW 35+00NE	1	41	12	85	.1	29	7	1509	2.14	12	5	ND	1	34	1	2	2	31	.89	.080	15	26	.56	171	.07	6	1.55	.03	.20	1
STD C	20	60	35	135	7.0	70	30	1026	3.93	43	18	8	33	49	17	16	22	63	.45	.100	36	58	.91	183	.08	33	1.72	.07	.15	14

SOOKOCHOFF PROJECT - ZEPHYR CLAIMS FILE # 87-1710

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
1+00SE 23+00NE	1	23	14	51	.1	163	13	460	1.92	22	5	ND	1	22	1	2	2	30	.24	.058	5	74	.72	139	.08	6	1.36	.03	.06	2
1+00SE 23+50NE	1	17	11	100	.1	53	7	818	1.46	32	5	ND	1	25	1	2	2	20	.27	.404	6	16	.15	270	.11	7	2.42	.04	.04	2
1+00SE 24+00NE	1	21	8	67	.1	66	7	497	1.36	21	5	ND	1	18	1	2	2	25	.18	.111	4	23	.20	133	.09	5	1.28	.04	.04	1
2+00SE 23+00NE	1	24	11	67	.1	101	8	438	1.51	38	5	ND	1	23	1	3	2	25	.26	.131	4	30	.27	154	.09	5	1.53	.03	.06	1
2+00SE 23+50NE	1	70	13	84	.2	205	12	332	2.08	34	5	ND	3	29	1	2	3	29	.33	.066	10	49	.53	128	.12	7	2.30	.04	.07	3
2+00SE 24+00NE	1	134	19	58	.4	105	11	397	2.24	59	5	ND	1	51	1	2	2	32	1.06	.055	9	45	.54	114	.07	12	1.70	.03	.06	1
2+00SE 24+50NE	1	77	16	92	.1	96	10	490	1.85	23	5	ND	1	30	1	2	3	26	.35	.164	8	36	.35	164	.09	4	1.87	.04	.06	1
2+00SE 28+00NE	2	276	17	79	.8	35	13	367	4.00	15	5	ND	4	30	1	2	2	64	.47	.045	19	38	.69	178	.09	8	1.51	.02	.22	1
2+00SE 28+50NE	2	129	21	106	.3	23	17	1348	3.65	23	5	ND	1	35	1	2	2	40	.47	.068	14	21	.32	260	.09	6	2.17	.03	.12	1
2+00SE 29+00NE	1	137	16	97	.1	9	8	1754	1.70	11	5	ND	1	46	1	2	2	28	.57	.146	8	9	.21	301	.07	6	1.68	.03	.07	1
STD C	20	57	41	131	6.9	69	26	945	3.70	41	16	8	32	44	16	15	20	59	.44	.094	35	55	.81	163	.08	37	1.60	.06	.13	13
2+00SE 29+50NE	3	60	12	89	.1	31	10	1161	2.40	11	5	ND	1	26	1	2	2	39	.32	.067	11	26	.42	246	.11	5	2.17	.02	.08	1
2+00SE 30+00NE	2	51	8	87	.2	14	6	1490	1.61	9	5	ND	1	31	1	2	2	29	.43	.140	6	13	.21	289	.07	4	1.26	.03	.05	1
2+00SE 30+50NE	2	22	10	59	.2	46	8	494	2.07	9	5	ND	2	34	1	2	2	32	.43	.031	9	32	.38	139	.09	6	1.54	.03	.10	1
2+00SE 31+00NE	1	29	18	80	.1	39	8	1020	2.11	10	5	ND	1	29	1	2	2	35	.34	.066	9	32	.39	192	.09	3	1.52	.02	.08	1
2+00SE 31+50NE	2	72	14	85	.1	20	9	1499	2.02	11	5	ND	1	47	1	2	2	29	.54	.074	10	15	.30	275	.09	4	1.80	.03	.10	1
2+00SE 32+00NE	2	83	29	72	.2	15	11	1680	2.47	14	5	ND	1	32	1	2	2	33	.34	.109	10	14	.28	188	.09	4	1.79	.02	.06	1
2+00SE 32+50NE	2	80	20	114	.1	30	13	1649	3.15	17	5	ND	1	40	1	2	2	41	.44	.075	16	28	.44	181	.09	5	2.65	.02	.11	1
2+00SE 33+00NE	1	43	15	83	.1	14	8	1753	1.91	18	5	ND	1	37	1	2	2	30	.47	.091	7	13	.24	209	.08	3	1.54	.03	.07	1
2+00SE 33+50NE	1	43	17	71	.1	29	9	957	2.45	12	5	ND	2	27	1	2	2	38	.34	.065	11	24	.41	199	.10	3	1.97	.03	.09	2
2+00SE 34+00NE	1	22	6	108	.3	35	7	572	1.75	9	5	2	1	24	1	2	2	27	.22	.090	8	25	.34	182	.08	2	1.44	.03	.06	1
2+00SE 34+50NE	1	25	36	162	.1	18	6	1792	1.74	9	5	ND	1	35	1	2	2	24	.57	.096	9	14	.26	225	.07	4	1.22	.02	.09	1
2+00SE 35+00NE	1	48	24	89	.1	39	12	1752	2.79	17	5	ND	2	23	1	2	2	43	.30	.046	18	32	.53	292	.10	2	2.01	.02	.14	1
2+00SE 35+50NE	1	21	8	90	.1	14	5	1034	1.82	13	5	ND	1	23	1	2	2	23	.44	.091	9	13	.28	157	.07	2	1.23	.03	.12	1
2+00SE 36+00NE	1	59	23	107	.1	30	11	1732	2.65	18	5	ND	2	25	1	2	2	39	.37	.071	19	27	.57	238	.11	2	2.24	.03	.18	2
2+00SE 36+50NE	1	33	29	107	.1	15	6	1601	1.71	21	5	ND	1	24	1	2	2	25	.67	.061	10	13	.32	186	.06	6	1.19	.02	.10	1
2+00SE 37+00NE	1	22	11	105	.1	18	5	708	1.47	16	5	ND	1	23	1	2	2	21	.36	.174	9	14	.25	164	.08	4	1.47	.04	.09	1
3+00SE 23+00NE	1	36	15	73	.3	105	10	662	1.84	24	5	ND	1	33	1	2	2	30	.36	.130	8	44	.47	191	.09	3	1.84	.04	.05	2
3+00SE 23+50NE	1	25	9	81	.1	67	8	487	1.63	24	5	ND	1	22	1	2	2	28	.17	.176	5	26	.27	188	.10	2	1.67	.04	.05	1
3+00SE 28+00NE	1	112	5	66	.1	46	13	472	3.31	9	5	ND	3	30	1	2	2	54	.40	.034	17	45	.60	116	.13	3	2.19	.02	.14	1
3+00SE 28+50NE	4	103	17	83	.1	19	10	1455	2.27	11	5	ND	1	34	1	2	2	32	.34	.080	11	19	.29	253	.10	2	2.05	.03	.08	3
3+00SE 29+00NE	3	98	8	88	.1	28	10	1211	2.17	11	5	ND	1	40	1	2	2	31	.47	.086	11	25	.34	285	.09	2	1.73	.02	.14	1
3+00SE 29+50NE	1	89	16	88	.1	35	12	1063	2.60	11	5	ND	2	38	1	2	2	41	.40	.071	13	30	.44	249	.11	2	2.22	.02	.12	3
3+00SE 30+00NE	1	28	27	93	.1	16	7	1153	1.96	11	5	ND	1	44	1	2	2	40	.43	.155	12	27	.45	218	.09	3	1.54	.03	.10	1
3+00SE 30+50NE	1	29	12	101	.2	22	8	1290	2.16	11	5	ND	1	36	1	2	2	43	.40	.221	11	30	.42	221	.08	2	1.78	.02	.08	1
3+00SE 31+00NE	1	35	8	52	.1	26	6	583	1.60	8	5	ND	2	17	1	2	2	27	.16	.092	7	18	.24	112	.09	2	1.48	.03	.07	1
3+00SE 31+50NE	1	122	22	109	.2	28	12	1349	2.76	15	5	ND	2	41	1	2	2	44	.46	.109	15	28	.46	227	.12	7	2.37	.03	.09	1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
3+00SE 32+00NE	3	90	14	62	.3	9	7	1761	1.63	7	5	ND	1	77	1	2	2	23	1.15	.054	5	11	.20	207	.05	12	1.02	.02	.06	1
3+00SE 32+50NE	5	348	14	153	.4	18	19	2891	2.95	19	5	2	1	73	1	2	2	30	.85	.277	10	17	.34	386	.07	6	1.85	.02	.08	1
3+00SE 33+00NE	1	48	86	104	.1	32	11	1362	2.46	14	5	ND	1	36	1	2	2	34	.46	.077	10	30	.42	213	.08	7	1.82	.02	.09	1
3+00SE 33+50NE	1	26	12	116	.2	32	7	1187	2.01	11	5	ND	1	42	1	2	2	28	.58	.119	8	26	.35	232	.08	8	1.54	.03	.08	1
3+00SE 34+00NE	1	25	7	82	.1	28	7	426	1.70	10	5	ND	2	28	1	2	2	24	.43	.030	10	22	.27	120	.08	8	1.42	.03	.06	1
3+00SE 34+50NE	1	21	11	78	.1	29	7	522	1.96	7	5	ND	2	30	1	2	2	29	.44	.039	10	29	.35	143	.08	9	1.38	.02	.09	1
3+00SE 35+00NE	1	30	19	84	.1	42	9	895	2.30	12	5	ND	1	29	1	2	2	33	.44	.058	11	34	.52	170	.08	7	1.51	.02	.14	1
3+00SE 35+50NE	1	33	19	114	.1	16	8	1897	2.00	15	5	ND	1	49	1	2	2	31	.57	.121	8	18	.31	272	.06	6	1.52	.02	.08	2
3+00SE 36+00NE	1	27	19	107	.1	26	9	1263	2.27	14	5	ND	1	39	1	2	2	36	.41	.065	10	28	.44	245	.09	5	2.01	.02	.09	1
3+00SE 36+50NE	1	39	15	86	.1	34	10	889	2.87	16	5	ND	3	22	1	2	2	44	.30	.080	15	36	.64	228	.12	7	2.30	.02	.13	1
3+00SE 37+00NE	1	28	20	83	.1	28	9	910	2.49	10	5	ND	3	20	1	2	2	39	.40	.046	15	33	.62	161	.09	6	1.74	.02	.09	1
3+00SE 37+50NE	1	19	13	58	.1	20	7	1153	2.09	9	5	ND	2	23	1	2	2	29	.61	.034	11	24	.40	155	.09	7	1.41	.02	.17	1
4+00SE 28+00NE	2	135	33	152	.1	25	12	1096	2.50	88	5	ND	1	37	1	2	2	28	.51	.040	12	22	.35	233	.09	3	2.04	.03	.12	2
4+00SE 28+50NE	1	87	10	81	.1	34	12	1034	2.75	13	5	ND	2	30	1	2	2	38	.44	.052	12	34	.46	220	.09	6	1.92	.02	.14	1
4+00SE 29+00NE	1	971	8	76	.1	26	10	827	2.22	17	5	ND	2	39	1	2	2	28	.71	.089	11	21	.34	142	.10	8	2.04	.03	.08	2
4+00SE 29+50NE	1	118	9	81	.1	19	8	1056	1.62	8	5	ND	1	53	1	2	2	24	3.19	.095	6	17	.26	218	.05	11	1.22	.02	.07	1
4+00SE 30+00NE	1	50	11	76	.2	30	6	410	1.66	9	5	ND	2	72	1	2	2	22	6.84	.037	8	21	.29	136	.06	8	1.23	.02	.07	1
4+00SE 30+50NE	1	43	14	64	.1	51	10	723	2.19	8	5	ND	3	40	1	2	2	30	.59	.077	11	40	.43	215	.10	6	2.05	.02	.12	1
4+00SE 31+00NE	3	222	25	90	.3	19	11	1363	2.29	15	5	ND	1	42	1	2	2	32	.53	.132	11	20	.35	293	.09	4	2.36	.02	.08	1
4+00SE 31+50NE	1	98	21	80	.4	22	9	1520	2.21	57	5	ND	1	39	1	2	2	30	.53	.076	9	20	.33	226	.07	5	1.62	.02	.07	1
4+00SE 32+00NE	1	95	11	72	.2	18	9	1151	2.23	15	5	ND	2	39	1	2	2	30	.43	.078	11	16	.30	246	.09	7	2.01	.03	.09	1
4+00SE 32+50NE	1	28	2	33	.2	25	1	169	.27	3	5	ND	1	119	1	2	2	2	20.93	.039	2	3	.07	82	.01	10	.18	.01	.02	1
4+00SE 33+00NE	1	36	17	83	.1	48	10	610	2.36	10	5	ND	3	35	1	2	2	34	.83	.053	11	35	.49	155	.09	6	1.74	.02	.14	1
4+00SE 33+50NE	22	55	25	170	.1	46	13	1547	3.03	19	5	ND	2	28	1	2	2	37	.51	.074	12	38	.59	167	.08	3	1.88	.02	.08	1
4+00SE 34+00NE	1	22	12	221	.1	62	8	918	2.12	23	5	ND	1	25	2	2	2	29	.33	.116	9	29	.42	144	.08	6	1.64	.03	.07	1
4+00SE 34+50NE	1	23	13	92	.1	51	8	450	1.98	9	5	ND	2	33	1	2	2	26	.51	.028	11	32	.36	154	.09	4	1.71	.04	.07	1
4+00SE 35+00NE	1	32	15	86	.1	35	9	1179	2.28	12	5	ND	2	32	1	2	2	35	.48	.073	11	33	.46	209	.07	3	1.49	.02	.11	1
4+00SE 35+50NE	1	30	18	96	.1	33	10	1032	2.66	16	5	ND	2	33	1	2	2	41	.38	.095	11	34	.55	194	.10	3	2.34	.02	.09	1
4+00SE 36+00NE	1	35	18	92	.1	44	11	1233	2.50	17	5	ND	1	32	1	2	2	36	.43	.061	12	41	.58	212	.08	5	1.83	.02	.11	1
4+00SE 36+50NE	1	32	24	90	.1	35	10	1239	2.85	16	5	ND	4	28	1	3	2	43	.47	.057	16	37	.56	218	.12	4	2.33	.02	.21	1
4+00SE 37+00NE	1	29	18	90	.1	22	9	968	2.47	6	5	ND	1	22	1	2	2	41	.42	.065	14	27	.43	180	.11	7	2.06	.02	.17	1
4+00SE 37+50NE	1	25	14	74	.1	36	9	825	2.49	7	5	ND	2	23	1	2	2	39	.34	.060	13	36	.52	160	.10	3	1.82	.02	.13	1
4+00SE 38+00NE	1	27	8	70	.1	31	8	772	2.16	15	5	ND	3	23	1	2	2	33	.49	.033	12	28	.43	154	.10	4	1.96	.03	.10	1
4+00SE 38+50NE	1	55	11	116	.1	32	8	1341	2.03	17	5	ND	2	44	1	2	2	31	.68	.150	11	30	.52	204	.08	7	1.51	.03	.13	1
4+00SE 39+00NE	1	99	43	108	.1	58	15	1168	3.13	205	5	ND	3	39	1	2	2	48	.57	.105	18	47	.76	181	.12	6	2.23	.02	.15	2
5+00SE 28+00NE	1	49	9	56	.2	113	14	514	3.21	15	5	ND	4	29	1	2	2	49	.41	.031	19	105	1.02	76	.09	10	1.39	.02	.14	1
STD C	19	60	37	131	6.7	64	28	991	3.93	43	16	8	33	47	16	15	19	60	.46	.096	35	57	.85	178	.08	36	1.65	.07	.13	12

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
5+00SE 28+50NE	1	26	17	60	.1	71	11	666	2.35	5	5	ND	2	35	1	2	3	36	.43	.034	10	57	.61	151	.09	5	1.39	.03	.12	1
5+00SE 29+00NE	1	46	16	68	.1	51	10	715	2.32	14	5	ND	1	55	1	2	2	35	.67	.044	11	42	.51	169	.09	6	1.45	.03	.14	1
5+00SE 29+50NE	1	106	11	73	.2	35	6	526	1.56	7	5	ND	1	73	1	2	2	21	.91	.027	11	18	.32	113	.08	5	1.42	.04	.07	1
5+00SE 30+00NE	1	166	14	111	.1	44	9	644	2.03	11	5	ND	1	49	1	2	2	28	.69	.037	10	24	.39	150	.09	2	1.60	.04	.09	1
5+00SE 30+50NE	1	148	15	170	.1	25	10	1035	2.25	10	5	ND	1	48	1	2	2	33	.50	.104	10	18	.32	195	.10	2	1.82	.03	.07	1
5+00SE 31+00NE	1	107	27	123	.1	44	12	1281	2.86	13	5	ND	1	41	1	2	2	44	.42	.093	14	35	.54	241	.11	5	2.16	.02	.11	1
5+00SE 31+50NE	1	122	26	104	.1	49	14	1214	2.96	13	5	ND	1	34	1	2	5	44	.35	.069	15	40	.58	226	.10	3	2.17	.02	.12	1
5+00SE 32+00NE	1	198	30	149	.1	37	15	1539	3.01	11	5	ND	1	42	1	2	2	42	.55	.103	12	36	.50	220	.08	2	1.78	.02	.09	1
5+00SE 32+50NE	1	49	10	68	.2	46	9	731	2.04	15	5	ND	2	27	1	2	2	34	.32	.093	9	29	.39	156	.09	4	1.29	.03	.13	1
5+00SE 33+00NE	1	24	29	104	.2	59	9	730	2.42	21	5	ND	2	24	1	2	2	37	.23	.094	11	38	.46	178	.10	3	1.95	.03	.08	1
5+00SE 33+50NE	1	23	11	215	.2	27	6	1357	1.34	25	5	ND	1	44	2	2	2	23	.65	.104	5	13	.21	189	.06	3	.90	.03	.07	2
5+00SE 34+00NE	1	27	10	142	.1	10	6	1924	1.35	18	5	ND	1	53	1	2	2	21	.57	.175	6	7	.16	354	.07	8	1.04	.03	.09	1
5+00SE 34+50NE	1	22	16	101	.1	18	7	1088	2.25	14	5	ND	1	25	1	2	2	40	.23	.087	9	19	.31	173	.12	2	2.13	.03	.08	1
5+00SE 35+00NE	1	21	15	117	.1	16	7	1431	2.26	13	5	ND	1	51	1	2	2	35	.53	.160	9	16	.30	285	.12	7	2.16	.03	.13	1
5+00SE 35+50NE	1	17	13	160	.1	35	8	1068	2.33	12	5	ND	1	24	1	2	2	37	.30	.063	7	30	.39	250	.10	7	1.77	.02	.08	1
5+00SE 36+00NE	1	30	16	129	.1	36	11	1218	2.79	16	5	ND	1	37	1	2	2	44	.45	.198	12	37	.58	225	.10	3	2.12	.02	.11	1
5+00SE 36+50NE	1	25	12	92	.1	31	9	1022	2.46	7	5	ND	2	27	1	2	2	39	.39	.083	12	29	.47	208	.11	3	2.01	.02	.10	1
5+00SE 37+00NE	1	15	7	61	.1	17	5	616	1.67	6	5	ND	1	21	1	2	2	29	.28	.079	7	18	.28	177	.09	7	1.24	.03	.10	1
5+00SE 37+50NE	1	24	14	80	.1	35	10	928	2.36	10	5	ND	2	24	1	2	2	40	.36	.076	11	34	.49	177	.11	2	1.80	.02	.14	1
5+00SE 38+00NE	1	23	12	69	.1	32	9	1412	2.08	10	5	ND	1	33	1	2	2	37	.43	.063	9	36	.49	196	.10	6	1.31	.03	.14	1
5+00SE 38+50NE	1	22	8	73	.1	31	8	699	2.11	9	5	ND	1	24	1	2	2	36	.35	.095	9	29	.41	192	.11	2	1.73	.03	.12	1
5+00SE 39+00NE	1	22	9	72	.1	20	7	1092	1.89	8	5	ND	1	53	1	2	2	38	.62	.184	14	49	.59	338	.10	3	1.23	.03	.08	1
5+00SE 39+50NE	1	42	17	83	.1	42	11	1021	2.80	11	5	ND	2	33	1	2	2	45	.40	.063	17	36	.44	263	.12	4	2.35	.02	.18	1
5+00SE 40+00NE	1	17	2	90	.1	28	6	716	1.73	12	5	ND	1	23	1	3	2	29	.27	.051	8	23	.29	197	.09	7	1.50	.03	.07	1
6+00SE 28+00NE	1	63	3	62	.1	58	10	528	2.48	14	5	ND	2	38	1	2	2	40	.46	.067	13	45	.58	117	.09	6	1.57	.03	.10	1
6+00SE 28+50NE	1	33	3	54	.1	47	9	584	2.34	9	5	ND	1	41	1	2	2	36	.50	.077	11	42	.52	123	.09	9	1.49	.03	.13	1
6+00SE 29+00NE	2	27	3	57	.1	43	9	569	2.15	4	5	ND	2	34	1	2	2	33	.42	.055	10	35	.46	123	.09	4	1.54	.03	.11	1
6+00SE 29+50NE	1	33	2	70	.1	32	7	580	1.83	8	5	ND	1	42	1	2	2	27	.42	.121	8	23	.34	134	.08	5	1.52	.03	.09	1
6+00SE 30+00NE	3	138	13	88	.1	39	13	1056	2.91	11	5	ND	1	40	1	2	2	43	.36	.063	16	35	.51	247	.11	3	2.33	.02	.12	1
6+00SE 30+50NE	3	88	10	94	.1	35	11	1045	2.49	11	5	ND	1	37	1	3	4	37	.45	.071	12	30	.48	178	.09	6	1.75	.02	.09	1
6+00SE 31+00NE	1	84	2	49	.1	17	6	865	1.34	4	5	ND	1	30	1	2	2	20	.32	.050	6	14	.21	147	.05	4	1.01	.02	.05	1
6+00SE 31+50NE	3	920	18	192	.2	22	38	3040	5.42	43	5	ND	1	89	1	2	2	38	1.10	.338	17	13	.45	423	.09	5	2.31	.03	.10	3
6+00SE 32+00NE	2	242	25	137	.3	74	15	1138	2.85	21	5	ND	2	32	1	2	2	42	.37	.050	13	41	.55	233	.11	8	2.13	.03	.11	1
6+00SE 32+50NE	1	46	21	141	.1	33	9	1198	2.57	20	5	ND	2	37	1	2	2	42	.37	.113	16	35	.45	296	.10	3	1.85	.02	.08	1
6+00SE 33+50NE	1	41	16	229	.1	11	8	3082	1.71	23	5	ND	1	55	3	2	2	25	.64	.105	7	9	.18	430	.06	5	1.08	.04	.08	2
6+00SE 34+00NE	1	42	38	219	.1	15	9	1938	2.33	69	5	ND	1	35	3	2	2	33	.38	.066	10	15	.30	286	.11	4	2.03	.03	.09	2
STD C	20	62	36	137	7.1	69	29	1048	3.93	44	18	8	34	50	18	16	20	64	.47	.099	37	60	.83	187	.08	35	1.72	.07	.14	13

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
6+00SE 34+50NE	1	26	18	80	.1	18	7	1315	2.31	16	5	ND	1	26	1	2	2	35	.31	.076	12	21	.38	172	.08	2	1.92	.02	.05	1
6+00SE 35+00NE	1	25	27	83	.1	33	8	675	2.47	12	5	ND	2	37	1	2	2	40	.39	.101	14	38	.61	196	.13	2	2.44	.02	.11	1
6+00SE 35+50NE	1	23	15	81	.1	19	6	1112	1.87	7	5	ND	1	36	1	2	2	29	.46	.035	10	19	.33	159	.08	2	1.62	.03	.06	1
6+00SE 36+00NE	1	22	25	103	.1	20	6	1064	2.04	8	5	ND	1	26	1	2	2	32	.34	.083	8	21	.36	228	.10	2	2.04	.02	.08	1
6+00SE 36+50NE	1	22	18	349	.1	23	6	622	2.05	9	5	ND	1	26	1	2	2	29	.28	.088	10	21	.37	181	.11	2	2.17	.03	.08	3
6+00SE 37+00NE	1	21	15	59	.1	24	5	382	1.50	7	5	ND	1	40	1	2	2	22	.84	.026	8	19	.29	126	.07	4	1.19	.03	.07	1
6+00SE 37+50NE	1	19	13	71	.1	30	7	769	2.18	7	5	ND	1	24	1	2	2	32	.47	.078	10	27	.46	169	.08	3	1.53	.02	.09	1
6+00SE 38+00NE	1	19	24	89	.2	39	7	647	2.25	12	5	ND	2	24	1	2	2	33	.29	.145	9	32	.45	193	.10	4	1.79	.02	.08	1
6+00SE 38+50NE	1	22	21	82	.1	33	7	895	2.09	10	5	ND	1	33	1	2	2	31	.42	.112	9	31	.44	228	.09	5	1.61	.02	.09	1
6+00SE 39+00NE	1	41	22	90	.1	27	8	2613	3.16	21	5	ND	1	21	1	2	2	36	.64	.077	18	27	.39	236	.09	2	1.89	.03	.10	1
7+00SE 28+00NE	1	118	16	62	.1	54	10	633	2.54	11	5	ND	1	32	1	2	2	37	.35	.080	12	38	.55	172	.10	3	2.16	.02	.10	1
7+00SE 28+50NE	1	39	8	43	.1	40	7	408	2.16	9	5	ND	2	36	1	2	2	29	.48	.046	10	32	.42	101	.08	5	1.43	.02	.12	1
7+00SE 29+00NE	1	31	14	61	.1	35	7	619	2.00	10	5	ND	1	37	1	2	2	27	.44	.053	9	23	.35	152	.09	4	1.83	.03	.12	1
7+00SE 29+50NE	2	99	6	72	.1	40	11	946	2.67	12	5	ND	1	33	1	2	2	34	.39	.049	12	36	.63	182	.07	5	1.61	.02	.16	1
7+00SE 30+00NE	2	100	20	98	.1	35	11	1328	2.42	11	5	ND	1	48	1	2	2	32	.62	.080	10	30	.52	212	.07	3	1.65	.02	.07	1
7+00SE 30+50NE	3	263	18	92	.3	19	12	1394	2.27	13	5	ND	1	46	1	2	2	27	.65	.095	8	14	.32	219	.06	2	1.47	.02	.09	1
7+00SE 31+00NE	4	238	24	75	.1	24	13	1362	3.21	14	5	ND	2	27	1	2	4	38	.31	.042	14	23	.42	220	.11	4	2.38	.02	.13	1
7+00SE 31+50NE	3	78	17	83	.1	22	10	1250	2.13	12	5	ND	1	43	1	2	2	26	.64	.097	9	16	.30	281	.07	2	1.55	.02	.08	1
7+00SE 32+00NE	1	18	41	149	.1	45	6	560	1.79	18	5	ND	1	43	1	2	2	23	.56	.060	13	24	.25	198	.03	2	.72	.02	.10	1
7+00SE 32+50NE	1	15	12	97	.1	199	12	728	1.59	30	5	ND	1	58	1	2	2	18	.42	.158	5	50	.37	193	.07	8	1.26	.03	.08	1
7+00SE 33+00NE	1	126	76	227	1.0	48	15	1960	2.37	89	5	ND	1	63	2	2	2	28	.94	.143	14	19	.32	345	.07	3	2.24	.03	.08	1
7+00SE 33+50NE	1	36	20	105	.1	26	10	1148	2.93	28	5	ND	2	29	1	2	4	40	.39	.075	15	28	.46	240	.11	2	2.30	.02	.11	1
7+00SE 34+00NE	1	42	9	91	.1	17	9	1533	2.21	18	5	ND	1	26	1	2	2	33	.27	.093	10	15	.30	204	.07	2	1.90	.02	.06	1
7+00SE 34+50NE	1	27	14	198	.1	11	6	3063	1.87	44	5	ND	1	22	2	2	2	24	.32	.066	6	9	.19	283	.07	2	1.32	.03	.06	2
7+00SE 35+00NE	1	30	26	94	.1	16	7	1313	2.22	16	5	ND	1	54	1	2	3	43	.56	.147	11	40	.54	217	.10	2	1.52	.03	.12	1
7+00SE 35+50NE	1	23	13	68	.1	33	6	520	2.08	10	5	ND	2	35	1	2	2	32	.34	.075	11	27	.39	155	.11	4	2.40	.03	.09	1
7+00SE 36+00NE	1	23	21	132	.1	26	9	1478	2.62	11	5	ND	1	41	1	2	3	46	.40	.221	12	45	.69	241	.13	5	1.92	.02	.11	1
7+00SE 36+50NE	1	24	18	93	.1	19	7	1816	1.66	14	5	ND	1	40	1	2	2	24	.53	.099	6	16	.31	294	.06	3	1.28	.02	.07	1
7+00SE 37+00NE	1	21	6	63	.1	22	6	494	1.94	6	5	ND	2	23	1	2	2	31	.27	.086	10	24	.39	135	.09	2	1.62	.02	.08	1
7+00SE 37+50NE	1	12	2	112	.1	12	4	422	1.52	4	5	ND	1	16	1	2	2	21	.18	.180	6	13	.19	151	.08	2	1.52	.02	.05	1
7+00SE 38+00NE	1	20	2	104	.1	36	7	433	2.16	11	5	ND	3	22	1	2	3	31	.22	.114	11	30	.38	177	.09	2	1.77	.03	.07	1
8+00SE 28+00NE	1	86	14	65	.1	28	8	1267	1.97	11	5	ND	1	45	1	2	3	29	.53	.103	10	22	.35	284	.08	3	1.74	.02	.09	1
8+00SE 28+50NE	1	41	19	58	.2	29	7	1406	1.75	13	5	ND	1	70	1	2	2	27	.96	.058	8	22	.34	291	.07	3	1.27	.02	.07	1
8+00SE 29+00NE	1	43	4	53	.1	24	8	859	2.06	11	5	ND	2	27	1	2	3	31	.34	.050	8	20	.35	147	.10	2	1.93	.02	.05	2
8+00SE 29+50NE	1	65	6	75	.1	23	11	1349	2.70	13	5	ND	1	40	1	2	2	36	.52	.093	11	21	.37	325	.10	5	2.14	.02	.10	1
8+00SE 30+00NE	1	315	4	81	.1	33	10	663	2.25	15	5	ND	3	30	1	2	3	30	.38	.036	10	25	.41	167	.09	5	1.88	.03	.08	1
STD C	18	58	38	130	6.7	64	27	983	3.93	43	19	8	32	47	16	16	22	60	.46	.098	35	57	.85	177	.08	34	1.74	.06	.13	14

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
8+00SE 30+50NE	3	42	31	156	.1	43	11	2037	2.60	21	5	ND	2	60	1	3	2	37	.81	.118	14	30	.43	237	.09	5	1.96	.03	.13	2
8+00SE 31+00NE	1	80	12	75	.1	10	8	3416	1.70	11	5	ND	1	45	1	3	2	30	.77	.097	6	8	.35	139	.06	6	1.06	.04	.08	1
8+00SE 31+50NE	2	134	35	265	.2	80	17	2067	3.23	44	5	ND	1	44	1	2	2	39	.47	.063	13	36	.41	212	.10	2	2.22	.03	.13	4
8+00SE 32+00NE	5	157	30	167	.3	151	15	885	4.74	86	5	ND	3	40	1	2	4	50	.46	.049	28	66	.62	165	.10	3	2.52	.02	.16	1
8+00SE 32+50NE	1	47	363	649	.3	34	9	913	2.20	38	5	ND	3	41	25	2	2	29	.56	.114	12	16	.29	202	.11	6	2.25	.04	.12	3
8+00SE 33+00NE	1	65	24	126	.1	19	13	1720	2.90	63	5	ND	1	41	1	3	2	36	.37	.117	16	18	.33	276	.10	2	2.37	.02	.10	1
8+00SE 33+50NE	1	50	23	128	.1	17	11	1773	2.32	51	5	ND	1	46	1	3	2	31	.51	.121	12	16	.30	271	.09	7	1.90	.02	.12	1
8+00SE 34+00NE	1	45	23	140	.1	22	10	1346	2.71	21	5	ND	2	42	1	3	2	41	.53	.087	14	23	.44	220	.12	4	2.50	.03	.11	1
8+00SE 34+50NE	1	34	20	109	.1	20	10	1408	2.42	21	5	ND	1	33	1	2	2	40	.36	.122	13	23	.39	205	.12	4	2.65	.02	.09	1
8+00SE 35+00NE	1	32	21	109	.1	35	10	1238	2.78	53	5	ND	1	27	1	2	4	46	.31	.090	15	35	.57	232	.12	2	2.53	.02	.13	1
8+00SE 35+50NE	1	27	13	82	.1	37	11	873	2.72	40	5	ND	2	30	1	3	3	46	.28	.059	15	39	.61	195	.13	3	2.52	.02	.14	1
8+00SE 36+00NE	1	29	12	100	.1	36	11	1401	2.82	12	5	ND	1	30	1	2	2	47	.35	.083	13	39	.59	241	.12	2	2.46	.02	.08	1
8+00SE 36+50NE	1	22	14	129	.1	25	8	1444	2.18	17	5	ND	1	33	1	2	2	37	.45	.105	8	26	.42	206	.09	4	1.55	.02	.08	1
8+00SE 37+00NE	1	28	15	87	.3	29	8	501	2.32	9	5	ND	4	26	1	2	2	40	.28	.133	12	29	.40	151	.14	5	2.44	.03	.10	1
9+00SE 28+50NE	2	95	13	87	.1	31	12	1513	2.57	11	5	ND	1	35	1	2	2	42	.36	.091	12	29	.45	218	.11	3	2.16	.03	.08	1
9+00SE 29+00NE	1	100	10	66	.1	19	9	888	2.19	7	5	ND	2	35	1	2	3	32	.38	.063	13	20	.35	159	.12	4	2.21	.04	.07	2
9+00SE 29+50NE	3	73	16	74	.1	41	11	1136	2.41	12	5	ND	2	33	1	2	2	39	.35	.049	14	32	.49	235	.12	4	2.16	.03	.10	1
9+00SE 30+00NE	1	89	14	93	.1	43	10	979	2.30	9	5	ND	1	44	1	2	2	35	.65	.075	12	31	.52	155	.10	2	1.76	.03	.08	1
9+00SE 30+50NE	2	94	11	157	.1	49	10	1148	2.27	13	5	ND	2	41	1	2	2	34	.63	.040	12	27	.46	120	.11	6	1.88	.04	.08	1
9+00SE 31+00NE	1	141	43	458	.2	137	12	1183	2.29	21	5	ND	2	38	1	2	2	31	.59	.050	12	29	.44	139	.10	4	1.72	.05	.10	2
9+00SE 31+50NE	2	147	37	305	.2	126	25	1907	3.16	26	5	ND	1	32	1	2	2	42	.49	.092	13	44	.61	179	.10	3	1.81	.03	.08	2
9+00SE 32+00NE	2	76	131	607	.6	99	13	1922	3.19	33	5	ND	3	41	2	2	5	40	.49	.045	19	35	.51	252	.11	5	2.23	.04	.12	1
9+00SE 32+50NE	1	600	27	140	.3	291	28	637	3.82	67	5	ND	2	47	1	2	2	45	.75	.032	14	261	1.66	85	.07	3	1.18	.02	.09	2
9+00SE 33+00NE	1	50	13	112	.1	23	11	1665	2.53	66	5	ND	2	32	1	2	3	35	.50	.079	13	20	.38	263	.11	3	2.04	.03	.12	1
9+00SE 33+50NE	1	57	21	126	.1	35	17	1111	3.10	67	5	ND	1	39	1	2	2	40	.33	.113	16	24	.48	137	.11	8	2.42	.02	.12	1
9+00SE 34+00NE	1	40	13	95	.1	16	12	935	3.24	21	5	ND	1	28	1	2	2	38	.24	.187	12	18	.32	121	.12	4	3.41	.02	.07	1
9+00SE 34+50NE	1	31	18	97	.1	31	10	1301	2.42	19	5	ND	1	35	1	2	5	38	.43	.094	13	30	.45	229	.10	4	2.31	.02	.11	1
9+00SE 35+00NE	1	34	16	121	.3	10	9	2616	2.11	27	5	ND	1	36	1	2	2	27	.52	.102	6	13	.23	313	.06	4	1.21	.03	.07	1
9+00SE 35+50NE	1	28	19	101	.1	27	9	1311	2.49	8	5	ND	1	33	1	2	2	41	.42	.088	11	32	.48	234	.12	4	2.17	.02	.11	1
9+00SE 36+00NE	1	24	13	96	.2	18	8	1468	2.11	19	5	ND	1	30	1	2	2	32	.50	.068	12	17	.30	199	.10	2	1.82	.03	.06	1
10+00SE 8+50NE	1	32	7	83	.2	48	11	533	2.29	28	5	ND	2	37	1	2	2	33	.29	.141	9	32	.39	186	.09	6	1.79	.03	.12	1
10+00SE 9+00NE	1	58	11	82	.1	58	14	724	2.60	31	5	ND	2	38	1	2	4	36	.36	.139	11	36	.44	164	.09	2	1.60	.03	.09	1
10+00SE 9+50NE	1	52	19	116	.1	62	14	418	3.20	20	5	ND	3	37	1	2	3	40	.35	.082	17	41	.52	185	.12	5	2.84	.03	.12	1
10+00SE 10+00NE	1	36	10	102	.2	39	11	637	2.36	18	5	ND	1	39	1	2	3	35	.37	.083	9	27	.38	180	.10	5	1.95	.03	.08	1
10+00SE 10+50NE	1	31	8	89	.1	34	8	393	2.00	11	5	ND	1	46	1	2	2	28	.37	.091	12	21	.29	146	.09	2	1.76	.04	.10	1
10+00SE 11+00NE	1	23	8	107	.1	32	7	245	1.83	12	5	ND	2	33	1	2	2	28	.26	.158	8	19	.25	115	.11	3	2.07	.04	.06	1
STD C	20	59	42	137	6.9	67	29	1039	3.93	43	17	8	33	49	17	18	22	64	.45	.101	36	58	.86	183	.08	35	1.72	.07	.15	12

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
10+00SE 11+50NE	2	26	13	126	.2	43	9	382	1.99	9	5	ND	2	54	1	6	2	26	.47	.099	13	19	.27	144	.08	2	1.67	.03	.10	1
10+00SE 12+00NE	5	108	12	129	.6	89	15	260	3.39	35	5	ND	3	64	1	5	2	37	.48	.040	15	44	.52	80	.06	6	1.27	.02	.13	2
10+00SE 12+50NE	2	33	13	140	.1	67	11	534	2.28	26	5	ND	2	55	1	3	2	28	.37	.146	9	26	.33	171	.08	5	1.67	.02	.14	1
10+00SE 13+00NE	1	46	9	102	4.5	11	4	1453	1.11	6	5	ND	1	61	1	2	2	18	.68	.165	6	8	.09	145	.06	2	.90	.03	.06	1
10+00SE 13+50NE	1	44	7	73	.1	69	13	488	2.62	22	5	ND	2	51	1	2	4	34	.52	.074	10	42	.59	95	.07	2	1.40	.03	.07	1
10+00SE 14+00NE	1	31	10	89	.2	42	8	532	2.19	14	6	ND	3	58	1	4	2	24	.45	.092	12	19	.25	154	.08	4	1.44	.03	.13	1
10+00SE 14+50NE	1	43	8	71	.1	69	12	554	2.04	19	5	ND	2	39	1	2	3	28	.29	.046	9	29	.37	127	.10	3	1.81	.03	.08	1
10+00SE 15+00NE	1	44	10	73	.1	79	12	580	2.05	30	5	ND	2	44	1	2	2	28	.31	.070	8	28	.34	190	.09	4	1.82	.03	.09	1
10+00SE 15+50NE	1	45	10	75	.1	85	11	648	1.92	25	5	ND	2	34	1	2	2	28	.27	.113	8	32	.35	171	.10	2	1.97	.03	.08	1
10+00SE 16+00NE	1	22	11	63	.1	54	8	799	1.38	21	5	ND	1	28	1	2	2	23	.23	.062	4	19	.21	147	.07	2	1.17	.03	.06	1
10+00SE 16+50NE	1	30	6	60	.1	58	9	540	1.68	22	5	ND	2	38	1	3	3	26	.24	.057	7	24	.29	139	.09	2	1.64	.03	.07	1
10+00SE 17+00NE	1	24	18	68	.1	45	7	1187	1.60	18	5	ND	1	30	1	2	4	27	.32	.122	6	21	.25	220	.08	2	1.44	.03	.05	1
10+00SE 17+50NE	1	30	11	59	.1	89	10	552	1.57	24	5	ND	1	27	1	2	2	24	.26	.089	6	30	.30	187	.08	2	1.49	.03	.06	1
10+00SE 18+00NE	1	53	8	71	.1	160	17	683	2.56	36	5	ND	2	28	1	2	2	36	.32	.069	9	63	.66	278	.09	4	2.02	.02	.14	1
10+00SE 18+50NE	1	25	5	64	.1	62	9	789	1.94	13	5	ND	1	34	1	2	2	26	.36	.061	6	38	.40	247	.07	2	1.59	.02	.15	1
10+00SE 28+00NE	1	47	10	50	.2	36	10	645	2.20	9	5	ND	2	51	1	2	2	34	.42	.042	11	29	.43	157	.10	3	1.80	.03	.13	2
10+00SE 28+50NE	2	91	13	78	.1	30	11	1428	2.30	12	5	ND	1	55	1	2	3	34	.47	.087	9	23	.38	272	.08	6	1.61	.02	.11	1
10+00SE 29+00NE	7	644	14	96	.7	25	27	1161	4.31	19	5	ND	3	34	1	3	5	44	.41	.106	20	20	.48	196	.12	2	3.12	.02	.13	1
10+00SE 29+50NE	3	79	10	76	.1	37	11	622	2.38	8	5	ND	2	31	1	2	2	35	.35	.070	12	29	.48	146	.11	5	2.06	.03	.10	2
10+00SE 30+00NE	1	61	11	63	.1	31	10	1034	2.47	6	5	ND	2	25	1	2	2	44	.65	.043	11	26	.63	120	.09	2	1.61	.03	.10	1
10+00SE 30+50NE	1	59	20	70	.1	54	12	1026	2.60	8	5	ND	3	27	1	2	2	41	.38	.053	13	38	.49	152	.10	3	1.89	.02	.06	1
10+00SE 31+00NE	1	63	9	59	.1	46	7	644	1.47	5	5	ND	2	29	1	2	2	20	.30	.094	8	15	.19	131	.09	4	1.69	.04	.08	1
10+00SE 31+50NE	1	74	16	77	.1	48	15	1609	2.24	12	5	ND	1	32	1	2	2	35	.34	.127	8	51	.50	219	.07	2	1.52	.03	.06	1
10+00SE 32+00NE	1	53	23	128	.1	130	15	858	2.38	19	5	ND	1	33	1	2	3	34	.38	.066	12	100	.57	195	.08	4	1.55	.02	.11	1
10+00SE 32+50NE	2	38	16	97	.1	64	8	688	2.03	18	5	ND	2	21	1	2	2	29	.22	.115	9	37	.41	147	.08	2	1.52	.02	.07	1
10+00SE 33+00NE	1	23	20	95	.1	60	9	483	2.04	15	5	ND	2	21	1	2	2	31	.24	.070	9	36	.39	145	.08	2	1.23	.02	.06	1
10+00SE 33+50NE	1	54	14	93	.1	43	14	1676	1.67	16	5	ND	1	64	1	2	2	20	.77	.146	5	32	.28	281	.03	3	.67	.02	.05	1
10+00SE 34+00NE	1	51	22	130	.1	28	11	2958	2.33	15	5	ND	1	58	2	2	5	32	.66	.101	9	21	.38	303	.06	2	1.45	.02	.09	1
10+00SE 34+50NE	1	30	19	82	.1	64	12	1346	2.76	15	5	ND	2	29	1	2	2	42	.43	.059	13	42	.46	220	.10	2	2.01	.02	.12	1
10+00SE 35+00NE	1	32	9	79	.1	65	11	1454	2.08	19	5	ND	1	27	1	2	2	32	.61	.100	8	39	.39	190	.05	2	1.47	.02	.07	2
11+00SE 9+50NE	1	45	11	54	.1	45	13	449	2.26	18	5	ND	2	32	1	2	4	29	.29	.056	8	33	.40	127	.07	2	1.30	.02	.15	1
11+00SE 10+50NE	1	11	10	133	.1	15	3	351	1.09	5	5	ND	1	70	1	2	2	20	1.00	.113	5	11	.14	120	.06	2	.82	.03	.06	1
11+00SE 11+00NE	1	17	16	236	.2	28	6	490	1.60	15	5	ND	2	64	2	2	2	24	.71	.125	9	19	.23	163	.08	5	1.39	.03	.08	2
11+00SE 11+50NE	1	23	17	196	.1	47	7	275	2.05	8	5	ND	1	103	1	2	2	25	.82	.126	12	20	.24	177	.08	7	1.47	.02	.21	1
11+00SE 12+00NE	1	38	15	63	.1	49	8	127	1.96	10	5	ND	2	50	1	2	2	23	.54	.010	11	22	.26	98	.08	4	1.69	.03	.11	1
11+00SE 12+50NE	1	14	12	101	.1	23	4	838	1.42	11	5	ND	1	88	1	2	2	19	.73	.149	7	12	.14	210	.05	3	.94	.03	.07	1
STD C	20	61	41	139	7.2	67	31	1055	3.93	44	16	8	34	50	19	18	23	65	.43	.102	37	60	.90	188	.09	34	1.63	.07	.16	15

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
11+00SE 13+00NE	1	46	17	128	.1	80	13	302	3.29	15	5	ND	4	75	1	2	3	37	.48	.051	17	37	.51	169	.10	8	2.47	.03	.17	1
11+00SE 13+50NE	1	23	13	135	.1	49	7	312	2.18	9	5	ND	2	96	1	2	2	23	.44	.069	13	18	.22	158	.06	6	1.34	.03	.18	2
11+00SE 14+00NE	1	93	17	105	.3	103	16	571	2.87	30	5	ND	3	54	1	2	2	39	.43	.092	15	43	.56	179	.12	5	2.43	.04	.11	2
11+00SE 14+50NE	1	56	16	87	.3	81	13	1162	2.38	15	5	ND	1	39	1	2	2	37	.38	.048	7	40	.53	177	.08	3	1.63	.03	.07	1
11+00SE 15+00NE	1	55	18	89	.2	89	13	460	2.45	24	5	ND	3	47	1	2	2	34	.37	.046	10	35	.44	159	.10	3	2.00	.03	.11	2
11+00SE 15+50NE	1	41	10	77	.1	73	12	723	2.91	21	5	ND	2	47	1	3	3	38	.44	.057	12	46	.61	150	.09	4	1.90	.03	.11	2
11+00SE 16+00NE	2	40	15	132	.1	55	12	687	3.23	24	5	ND	3	51	1	2	2	44	.35	.043	16	32	.53	215	.10	6	2.50	.03	.12	2
11+00SE 16+50NE	1	21	8	74	.1	48	9	643	1.99	9	5	ND	2	32	1	2	2	28	.21	.065	7	22	.34	186	.08	6	1.91	.04	.09	1
11+00SE 17+00NE	1	22	10	70	.1	80	9	465	1.49	16	5	ND	2	24	1	2	2	21	.21	.133	5	39	.42	158	.07	2	1.48	.04	.07	1
11+00SE 17+50NE	1	66	14	66	.1	211	21	649	3.45	17	5	ND	2	25	1	2	5	53	.39	.047	12	147	1.69	134	.08	10	1.47	.02	.20	1
11+00SE 28+00NE	7	55	18	84	.1	51	14	1107	3.19	23	5	ND	2	41	1	2	2	45	.51	.066	17	38	.53	217	.11	3	2.32	.03	.12	2
11+00SE 28+50NE	2	63	20	98	.1	26	10	1352	2.13	9	5	ND	1	51	1	2	2	32	.51	.150	9	21	.37	269	.09	3	1.80	.03	.11	1
11+00SE 29+00NE	1	117	22	93	.1	11	16	1355	3.98	10	5	ND	2	53	1	2	3	34	.60	.046	13	10	.37	306	.08	3	1.68	.03	.11	1
11+00SE 29+50NE	2	84	37	233	.1	54	13	1608	3.57	39	5	ND	3	52	1	2	2	48	.55	.066	20	36	.58	290	.11	5	2.43	.03	.15	4
11+00SE 30+00NE	2	61	23	161	.2	52	11	766	2.61	10	5	ND	3	70	1	2	2	43	.67	.062	17	28	.53	174	.10	3	1.97	.04	.11	2
11+00SE 30+50NE	4	126	17	133	.1	57	13	1030	2.65	15	5	ND	2	49	1	2	2	42	.46	.076	14	34	.53	159	.11	4	2.01	.03	.09	1
11+00SE 31+00NE	16	384	17	88	.1	96	24	1090	3.52	8	5	ND	3	38	1	2	5	60	.62	.047	10	112	.71	203	.14	5	2.38	.03	.16	2
11+00SE 31+50NE	1	54	22	98	.1	52	12	1002	2.60	7	5	ND	2	40	1	2	2	39	.46	.060	13	41	.49	194	.12	5	2.09	.03	.10	1
11+00SE 32+00NE	1	42	20	109	.2	82	12	784	2.53	12	5	ND	2	35	1	2	2	38	.47	.044	14	63	.56	170	.10	6	1.64	.03	.12	1
11+00SE 32+50NE	1	125	84	136	.4	181	17	485	3.41	41	5	ND	3	28	1	3	5	51	.36	.042	9	164	1.01	196	.09	3	1.83	.02	.14	2
11+00SE 33+00NE	1	49	13	103	.3	116	13	555	2.15	12	5	ND	2	23	1	2	3	29	.37	.044	10	48	.52	120	.10	3	1.77	.04	.06	1
11+00SE 33+50NE	1	31	19	75	.1	200	26	875	2.82	9	5	ND	2	32	1	3	3	34	.39	.052	10	162	.74	192	.09	2	1.67	.03	.10	1
11+00SE 34+00NE	1	24	20	53	.1	316	33	1083	2.93	6	5	ND	3	26	1	3	4	41	.27	.044	11	141	1.18	143	.11	3	1.99	.02	.09	1
12+00SE 10+50NE	3	46	17	159	.1	66	13	461	3.07	20	5	ND	3	58	1	2	2	33	.37	.045	13	31	.42	133	.07	6	1.55	.02	.18	2
12+00SE 11+00NE	2	40	17	227	.4	66	10	371	3.35	35	5	ND	3	147	1	4	2	31	.77	.144	23	27	.40	236	.06	9	2.13	.03	.16	3
12+00SE 11+50NE	1	50	14	86	.1	70	11	391	2.44	22	5	ND	3	50	1	3	2	34	.33	.060	11	32	.45	126	.09	2	1.77	.03	.13	1
12+00SE 12+00NE	1	18	7	126	.1	39	6	205	2.11	5	5	ND	1	123	1	2	2	25	.50	.120	9	17	.16	153	.04	8	.81	.03	.11	1
12+00SE 12+50NE	1	18	9	117	.2	51	7	646	1.58	14	5	ND	2	51	1	2	2	23	.29	.146	6	19	.20	202	.07	8	1.21	.03	.09	2
12+00SE 13+00NE	1	34	12	69	.1	41	7	291	1.44	19	5	ND	2	19	1	2	2	22	.13	.083	6	15	.20	128	.10	3	1.82	.04	.05	1
12+00SE 13+50NE	1	28	11	47	.2	45	8	153	1.77	9	5	ND	2	43	1	2	2	27	.28	.017	7	20	.25	90	.11	2	1.99	.04	.07	1
12+00SE 14+00NE	1	27	10	48	.3	54	9	236	1.94	13	5	ND	3	84	1	2	2	23	.60	.020	10	24	.32	96	.09	2	1.95	.04	.07	2
12+00SE 14+50NE	1	25	4	57	.1	46	8	374	1.78	13	5	ND	2	31	1	2	2	24	.21	.044	8	24	.32	108	.09	2	1.76	.04	.07	1
12+00SE 15+00NE	1	51	11	83	.2	137	16	669	2.81	27	5	ND	3	42	1	2	2	41	.35	.078	11	69	.85	169	.10	5	2.04	.03	.12	1
12+00SE 15+50NE	1	37	9	97	.1	83	11	557	2.30	22	5	ND	3	36	1	2	2	33	.30	.113	8	44	.58	181	.08	4	1.65	.03	.14	1
12+00SE 16+00NE	1	22	11	55	.1	79	11	683	2.08	19	5	ND	1	29	1	2	2	33	.33	.042	5	53	.60	152	.08	2	1.33	.03	.09	1
12+00SE 16+50NE	1	18	6	35	.2	20	4	290	1.30	3	5	ND	2	52	1	2	2	21	.42	.045	7	14	.18	126	.08	5	1.50	.05	.08	1
STD C	19	60	42	134	6.8	69	29	1021	3.84	42	16	8	33	49	17	17	23	63	.42	.105	36	58	.85	183	.08	33	1.72	.07	.14	12

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
12+00SE 17+00NE	1	27	12	50	.2	106	13	359	2.68	16	5	ND	1	18	1	2	2	44	.31	.016	6	94	1.06	68	.08	4	1.16	.02	.04	3
12+00SE 28+00NE	1	38	23	213	.1	25	8	701	1.99	12	5	ND	1	69	1	2	2	25	.58	.060	11	18	.36	124	.09	6	1.81	.04	.13	3
12+00SE 28+50NE	2	75	16	79	.1	12	10	1501	2.43	16	5	ND	1	42	1	2	2	29	.38	.051	11	13	.32	228	.09	5	1.80	.03	.09	2
12+00SE 29+00NE	1	66	24	104	.1	21	12	1613	3.21	44	5	ND	1	40	1	2	2	36	.59	.083	14	19	.40	181	.09	9	2.14	.03	.12	2
12+00SE 29+50NE	4	51	17	105	.1	33	11	1287	2.96	23	5	ND	1	55	1	2	2	31	.64	.057	14	21	.35	225	.08	7	1.82	.03	.14	2
12+00SE 30+00NE	2	77	13	164	.1	60	11	908	3.19	14	5	ND	1	101	2	2	2	34	.86	.161	14	26	.57	133	.07	5	1.85	.03	.10	2
12+00SE 30+50NE	1	58	16	103	.1	42	8	1194	2.49	9	5	ND	1	90	1	2	2	37	.84	.142	15	27	.64	137	.07	5	1.76	.03	.07	2
12+00SE 31+00NE	1	46	8	95	.1	25	6	1719	1.58	6	5	ND	1	101	1	2	2	20	1.42	.168	7	11	.26	157	.04	3	1.01	.03	.05	1
12+00SE 31+50NE	1	56	18	176	.1	44	8	1169	2.18	9	5	ND	1	94	2	2	2	32	1.16	.120	11	31	.39	227	.06	2	1.45	.02	.06	2
12+00SE 32+00NE	1	36	17	118	.1	61	10	698	2.26	10	5	ND	1	36	1	2	2	32	.37	.080	11	45	.50	165	.08	2	1.68	.02	.08	1
12+00SE 32+50NE	1	57	23	140	.2	110	13	779	2.62	20	5	ND	2	30	1	2	2	37	.33	.114	11	84	.73	215	.09	3	1.96	.03	.12	2
12+00SE 33+00NE	1	78	16	50	.2	218	16	383	1.86	9	5	ND	1	32	1	2	2	25	.58	.025	7	82	.45	111	.06	5	1.12	.04	.05	2
13+00SE 11+50NE	1	21	10	72	.3	28	6	521	1.75	8	5	ND	2	60	1	3	2	21	.52	.065	10	15	.23	128	.08	7	1.59	.04	.10	2
13+00SE 12+00NE	1	31	9	91	.1	56	9	396	2.39	9	5	ND	2	46	1	2	2	28	.32	.055	9	33	.47	157	.08	6	1.84	.03	.10	3
13+00SE 12+50NE	1	31	14	99	.2	46	9	331	2.43	10	5	ND	2	54	1	2	2	30	.31	.042	10	28	.46	131	.07	6	1.67	.03	.09	1
13+00SE 13+00NE	1	54	10	82	.1	72	11	668	2.18	20	5	ND	2	35	1	2	2	29	.25	.083	9	31	.39	188	.10	3	2.11	.03	.07	2
13+00SE 13+50NE	1	30	5	39	.3	12	3	400	.69	2	5	ND	2	475	1	2	2	7	13.83	.061	4	4	.13	130	.02	3	.55	.03	.04	1
13+00SE 14+00NE	1	24	12	108	.2	45	7	432	1.76	8	5	ND	2	90	1	2	2	21	.66	.031	10	20	.29	90	.08	5	1.54	.04	.07	1
13+00SE 14+50NE	1	34	16	95	.1	64	11	533	2.41	13	5	ND	1	44	1	2	3	32	.38	.034	12	36	.50	126	.08	6	1.86	.03	.08	1
13+00SE 15+00NE	1	21	13	103	.1	46	7	356	1.87	11	5	ND	1	38	1	2	2	26	.24	.071	6	26	.35	112	.07	2	1.18	.03	.08	2
13+00SE 15+50NE	1	33	10	90	.2	90	10	313	2.04	34	5	ND	2	34	1	2	3	30	.26	.041	7	40	.46	149	.10	5	1.78	.03	.08	2
13+00SE 16+00NE	1	33	8	72	.2	108	12	694	2.38	27	5	ND	2	21	1	2	2	35	.27	.076	9	51	.54	190	.10	2	1.97	.02	.08	1
13+00SE 16+50NE	1	56	2	24	.3	67	3	546	.78	9	5	ND	1	161	1	2	2	13	2.66	.035	4	17	.13	140	.04	2	.62	.05	.06	1
13+00SE 17+00NE	1	41	16	59	.1	142	14	552	2.44	14	5	ND	2	29	1	3	5	36	.32	.032	11	68	.73	189	.11	2	2.11	.03	.09	2
13+00SE 17+50NE	1	38	13	45	.1	117	13	420	2.51	18	5	ND	1	21	1	2	2	37	.33	.020	6	70	.79	104	.09	3	1.59	.02	.07	2
13+00SE 28+00NE	2	49	47	233	.5	27	8	1966	2.60	26	5	ND	1	84	2	2	2	21	1.26	.145	13	14	.23	176	.05	7	1.50	.02	.12	2
13+00SE 28+50NE	1	48	14	125	.1	38	10	1071	2.66	23	5	ND	1	91	1	2	2	24	.62	.110	19	17	.32	191	.07	6	1.63	.03	.16	1
13+00SE 29+00NE	2	49	17	117	.4	34	12	1335	3.15	37	5	ND	2	86	1	2	2	30	.68	.092	17	19	.42	187	.09	6	1.98	.03	.17	2
13+00SE 29+50NE	2	62	18	180	.1	55	12	910	3.10	28	5	ND	1	87	1	2	2	41	.84	.097	18	32	.71	206	.09	8	2.12	.03	.18	2
13+00SE 30+00NE	3	58	25	175	.5	47	10	747	2.98	12	5	ND	1	112	2	2	2	37	1.00	.130	15	30	.68	135	.07	8	1.93	.03	.15	2
13+00SE 30+50NE	3	70	20	152	.1	50	9	908	2.74	14	5	ND	1	93	2	2	2	41	.81	.103	20	32	.63	193	.08	4	2.32	.04	.14	1
13+00SE 31+00NE	3	83	20	158	.1	56	10	1184	3.09	38	5	ND	1	73	1	2	2	38	.74	.137	23	28	.39	273	.08	3	2.30	.03	.11	2
13+00SE 31+50NE	2	51	18	116	.1	57	11	760	2.75	17	5	ND	2	46	1	3	3	39	.44	.064	17	41	.54	194	.10	3	2.08	.02	.16	2
13+00SE 32+00NE	2	70	12	231	.1	85	11	1093	2.88	17	5	ND	1	91	2	2	2	33	.88	.230	15	37	.47	256	.07	4	1.54	.02	.08	2
14+00SE 12+50NE	1	31	10	119	.3	50	9	408	2.21	15	5	ND	2	49	1	2	2	26	.24	.113	8	24	.40	214	.08	3	1.89	.03	.09	2
14+00SE 13+00NE	1	22	6	116	.1	33	7	207	2.16	7	5	ND	1	39	1	2	2	21	.24	.020	8	15	.25	124	.07	2	1.68	.03	.08	1
STD C	18	55	40	130	6.9	63	27	968	3.93	35	16	7	32	46	17	14	22	59	.43	.093	34	55	.84	171	.08	33	1.71	.06	.14	14

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
14+00SE 13+50NE	1	39	3	110	.1	25	4	679	1.08	7	5	ND	1	415	1	2	2	13	11.63	.103	5	14	.22	132	.03	13	.82	.03	.06	1
14+00SE 14+00NE	1	44	8	114	.1	80	12	647	3.02	24	5	ND	2	58	1	2	2	34	.45	.067	13	47	.64	157	.08	7	1.80	.03	.15	1
14+00SE 14+50NE	1	33	7	92	.1	92	10	588	2.39	23	5	ND	3	39	1	2	3	33	.32	.068	8	44	.51	159	.09	8	1.86	.03	.09	2
14+00SE 15+00NE	1	38	6	119	.1	107	11	359	2.49	27	5	ND	2	41	1	2	2	32	.27	.119	8	43	.52	164	.08	9	1.62	.03	.10	1
14+00SE 15+50NE	1	33	7	75	.1	125	12	552	2.09	16	5	ND	2	49	1	2	2	32	.30	.130	8	46	.49	134	.11	4	1.97	.04	.07	1
14+00SE 16+00NE	1	35	5	65	.1	101	11	596	2.22	25	5	ND	2	32	1	2	2	33	.28	.097	8	50	.51	190	.10	4	1.97	.03	.10	1
14+00SE 16+50NE	1	34	10	72	.1	125	12	592	2.05	32	5	ND	2	35	1	2	2	30	.27	.239	6	46	.38	170	.10	6	1.86	.03	.08	1
14+00SE 17+00NE	1	35	10	68	.1	145	13	617	2.37	33	5	ND	2	37	1	2	2	36	.35	.031	7	65	.56	198	.11	7	2.12	.03	.07	1
14+00SE 28+00NE	1	76	13	149	.6	59	13	858	3.49	51	5	ND	1	89	2	3	2	30	.76	.073	18	22	.42	170	.07	2	1.78	.02	.15	1
14+00SE 28+50NE	1	50	14	96	.1	40	11	727	2.79	34	5	ND	1	71	1	3	2	29	.53	.065	17	20	.39	194	.07	4	1.76	.02	.15	1
14+00SE 29+00NE	2	60	18	146	.2	54	12	825	3.17	34	5	ND	2	113	2	3	2	40	.76	.134	23	34	.65	219	.09	6	2.07	.02	.21	2
14+00SE 29+50NE	4	67	21	167	.1	51	13	1183	3.04	36	5	ND	1	74	2	2	5	32	.79	.131	20	25	.48	218	.06	4	1.62	.02	.12	2
14+00SE 30+00NE	3	99	17	237	.1	54	9	810	2.59	19	5	ND	1	94	2	2	2	34	.86	.161	22	31	.63	237	.06	6	1.82	.02	.16	3
14+00SE 30+50NE	2	70	18	174	.1	57	11	849	2.56	28	5	ND	1	81	2	2	4	35	.83	.130	19	35	.53	227	.06	9	1.76	.02	.19	2
14+00SE 31+00NE	4	74	32	233	.1	78	12	864	2.96	36	5	ND	1	81	3	2	3	39	.79	.113	25	37	.61	203	.06	2	1.94	.02	.10	2
15+00SE 13+50NE	1	27	4	137	.1	54	9	675	2.37	18	5	ND	2	52	1	2	2	26	.34	.100	11	26	.40	162	.08	4	1.75	.03	.12	1
15+00SE 14+00NE	2	33	13	170	.1	55	9	309	2.68	14	5	ND	2	61	2	2	2	28	.37	.040	14	25	.37	139	.08	3	1.82	.03	.10	1
15+00SE 14+50NE	1	46	10	113	.1	77	10	531	2.30	18	5	ND	1	147	1	2	2	30	2.73	.050	10	40	.51	118	.07	4	1.43	.03	.14	1
15+00SE 15+00NE	1	29	6	70	.1	118	10	715	1.78	11	5	ND	2	29	1	2	2	26	.23	.059	6	46	.51	180	.08	4	1.40	.03	.09	1
15+00SE 15+50NE	1	22	7	63	.2	121	11	909	1.71	15	5	ND	1	22	1	2	3	25	.20	.054	5	57	.51	194	.07	5	1.27	.02	.08	1
15+00SE 16+00NE	1	27	6	60	.1	95	10	501	1.61	19	5	ND	1	33	1	2	3	25	.30	.102	5	42	.37	221	.08	2	1.28	.03	.07	1
15+00SE 16+50NE	1	38	6	79	.1	170	15	393	2.55	33	5	ND	3	25	1	2	3	38	.22	.073	9	63	.62	164	.12	2	2.36	.03	.09	1
15+00SE 28+00NE	1	61	11	109	.1	50	10	769	2.86	17	5	ND	1	111	1	2	2	29	.71	.098	17	21	.40	172	.08	5	1.75	.02	.13	1
15+00SE 28+50NE	4	53	23	141	.6	50	12	1182	3.33	52	5	ND	1	87	2	5	2	25	.75	.122	18	17	.27	164	.06	3	1.40	.02	.10	2
15+00SE 29+00NE	2	55	11	125	.2	50	12	838	3.02	46	5	ND	1	97	1	3	2	34	.67	.077	22	26	.44	196	.08	2	1.88	.02	.16	1
15+00SE 29+50NE	4	64	11	176	.2	57	12	755	3.06	51	5	ND	1	59	2	2	2	33	.48	.110	19	27	.46	179	.07	3	1.83	.02	.13	1
15+00SE 30+00NE	4	71	19	202	.3	66	11	727	2.83	24	5	ND	1	74	2	3	2	36	.64	.103	20	34	.54	197	.06	4	1.76	.02	.16	2
16+00SE 28+00NE	1	47	17	146	.2	44	9	819	2.78	24	5	ND	1	108	1	6	2	23	.81	.093	19	15	.22	192	.07	5	1.61	.03	.14	1
16+00SE 28+50NE	1	45	16	94	.1	41	11	871	2.78	17	5	ND	2	56	1	2	2	35	.43	.063	16	28	.48	168	.09	2	1.73	.02	.15	1
16+00SE 29+00NE	1	43	5	107	.1	32	9	826	2.25	25	5	ND	1	77	1	2	3	29	.53	.183	13	22	.40	195	.07	8	1.49	.03	.16	1
STD C	19	61	40	134	7.0	68	29	1020	3.94	42	18	8	33	49	18	16	20	63	.47	.101	36	60	.85	183	.08	36	1.73	.07	.13	12

Telephone cutline

New road

HWY # 3

Power Line

Power Line

ATTWOOD

ADD

30+00E 35+00E 0+00 5+00N 40+00E 5+00S 25+00E 40+00E 20+00E 10+00S 15+00E 35+00E 5+00N 15+00S 10+00E 30+00E 0+00 25+00E 5+00S 20+00E 15+00E 10+00S 10+00E 15+00S 15+00E

LEGEND

- Shaft
- Portal & Dump
- Trench
- Logging Road
- Bulldozed Trail
- Stream

Sub Anomalous Treshold Value 23 ppm

Anomalous Treshold Value 32 ppm

*00 400

metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,090

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA LAURENCE SOOKOCHOFF

SOOKOCHOFF CONSULTANTS INC.

ZEPHYR RESOURCES LTD.

GREENWOOD MINING DIVISION

LEAD GEOCHEMISTRY

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

GEO-COMP DRAWING FILE: sulphide\pb Sept. 29 '87

Power Line

Telephone cutline

Windfall
11875

Tripod

HWY #3

ATTWOOD

ADD

Power Line

30+00E
35+00E
0+00
5+00S
40+00E
5+00N
25+00E
20+00E
15+00E
10+00E
0+00
5+00N
10+00E
15+00S
25+00E
30+00E
35+00E
40+00E
10+00S
15+00E
20+00E
5+00S
10+00S
15+00S
10+00E

LEGEND

- Shaft
- Portal & Dump
- Trench
- Logging Road
- Bulldozed Trail
- Stream

Sub Anomalous Treshold Value 92.0 ppm
Anomalous Treshold Value 130.0 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,090

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
LAURENCE SOOKOCHOFF

100 200 300 400
metres

SOOKOCHOFF CONSULTANTS INC.

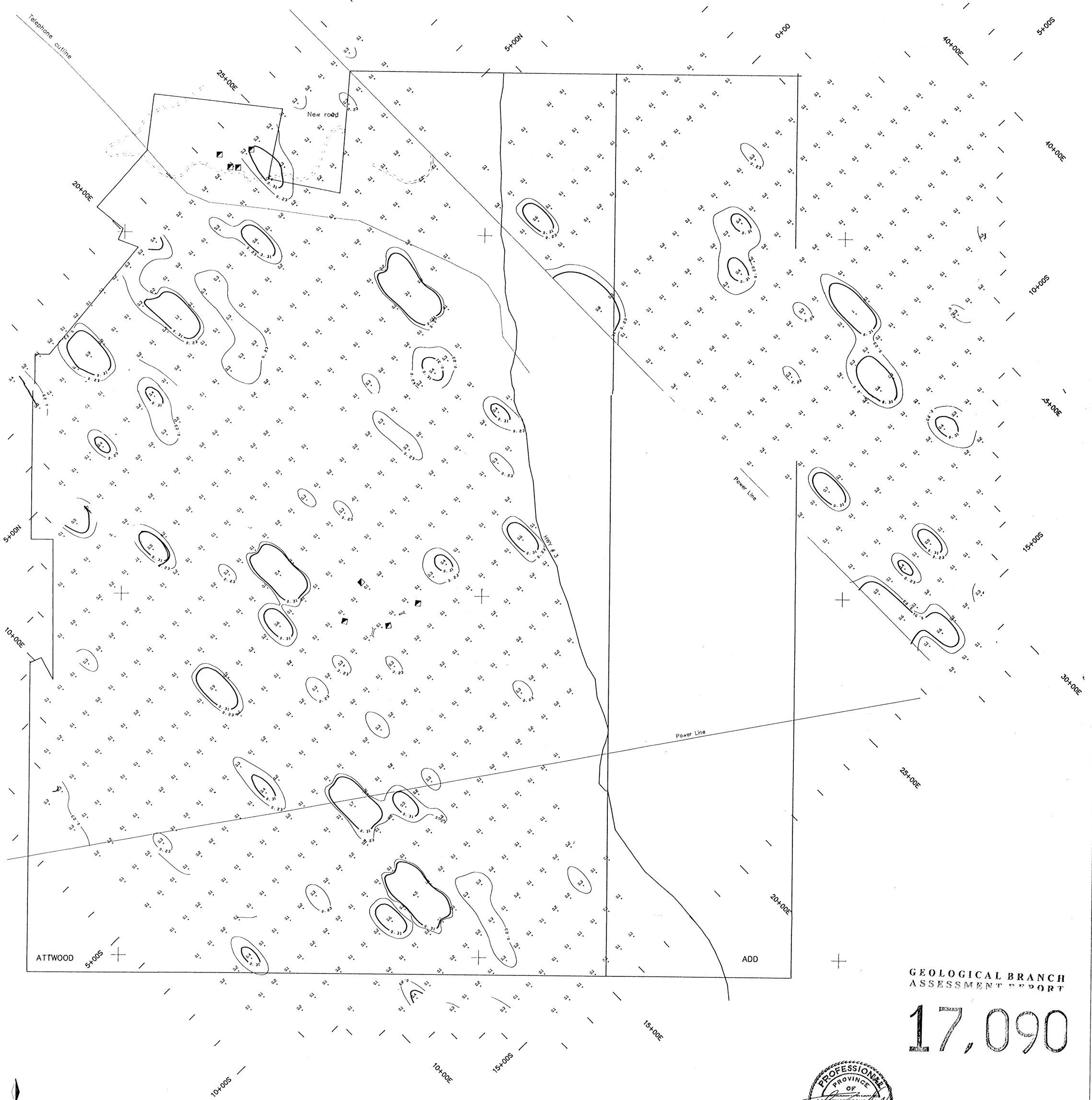
ZEPHYR RESOURCES LTD.

GREENWOOD MINING DIVISION

COPPER GEOCHEMISTRY

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

GEO-COMP DRAWING FILE: sulphide\cu Sept. 29 '87



LEGEND

- Shaft
- Portal & Dump
- Trench
- Logging Road
- Bulldozed Trail
- Stream

Sub Anomalous Treshold Value .23 ppm

Anomalous Treshold Value .31 ppm

0 100 200 300 400 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,090

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
LAURENCE SOOKOCHOFF

SOOKOCHOFF CONSULTANTS INC.

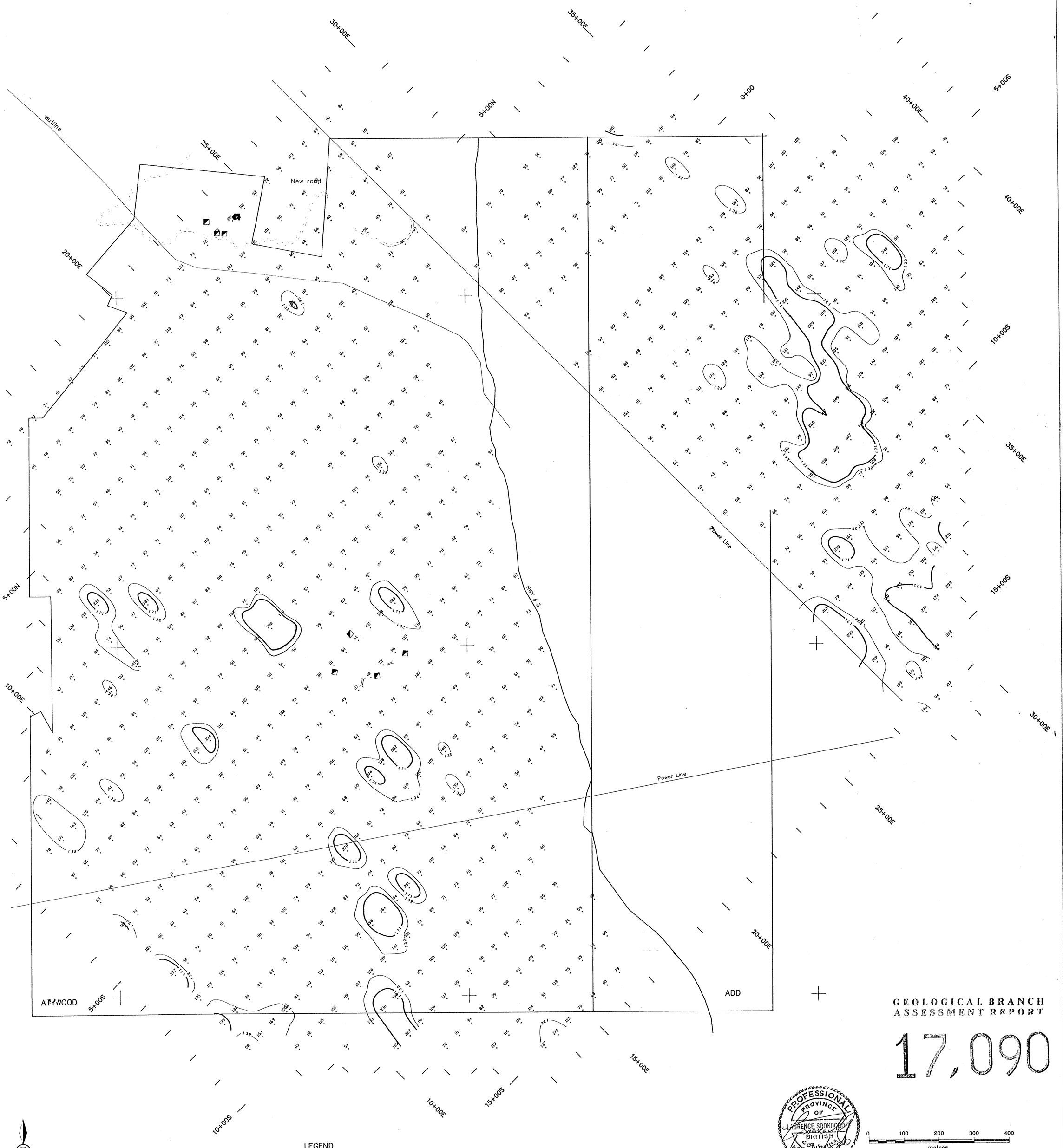
ZEPHYR RESOURCES LTD.

GREENWOOD MINING DIVISION

SILVER GEOCHEMISTRY

SCALE:	DATE:	N.T.S.	DRAWN BY:	FIGURE:
1:5000	SEPT'87	82E/2	GEO-COMP	7

GEO-COMP DRAWING FILE: zephyr\ag Sept. 29 '87



LEGEND

- Shaft
- Portal & Dump
- Trench
- Logging Road
- Bulldozed Trail
- Stream

Sub Anomalous Treshold Value 132 ppm
Anomalous Treshold Value 171 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,090

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
LAURENCE SOOKOCHOFF

0 100 200 300 400
metres

SOOKOCHOFF CONSULTANTS INC.

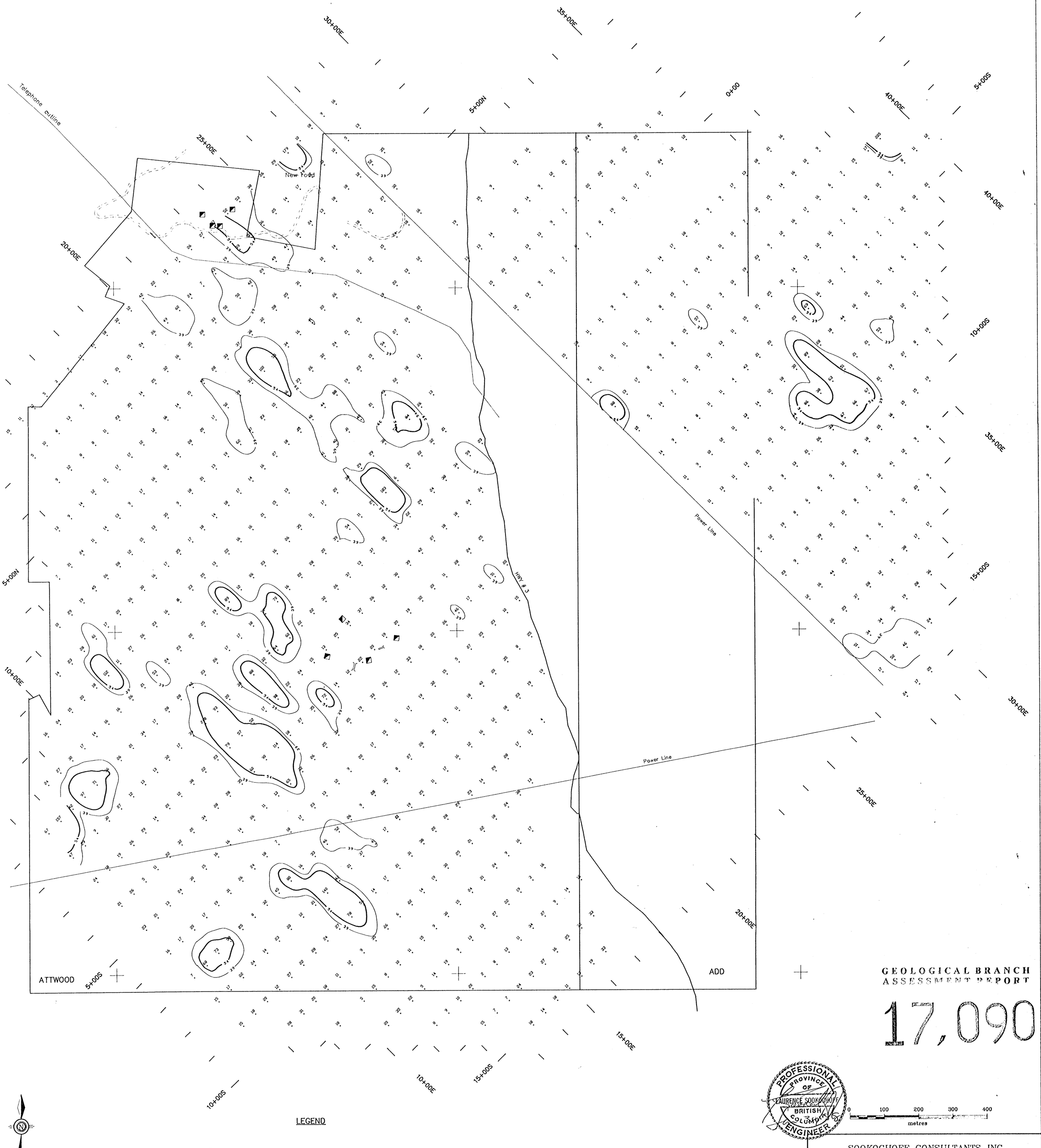
ZEPHYR RESOURCES LTD.

GREENWOOD MINING DIVISION

ZINC GEOCHEMISTRY

SCALE:	DATE:	N.T.S.	DRAWN BY:	FIGURE:
1:5000	SEPT'87	82E/2	GEO-COMP	8

GEO-COMP DRAWING FILE: zephyr\zn Sept. 29 '87



LEGEND

- Shaft
- Portal & Dump
- Trench
- Logging Road
- Bulldozed Trail
- Stream

Sub Anomalous Treshold Value 39 ppm

Anomalous Treshold Value 54 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,090

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
LAURENCE SOOKOCHOFF

0 100 200 300 400
metres

SOOKOCHOFF CONSULTANTS INC.

ZEPHYR RESOURCES LTD.

GREENWOOD MINING DIVISION

ARSENIC GEOCHEMISTRY

SCALE:	DATE:	N.T.S.	DRAWN BY:	FIGURE: 9
1:5000	SEPT'87	82E/2	GEO-COMP	

GEO-COMP DRAWING FILE: zephyr\as Sept. 29 '87

30+00E
35+00E
5+00N
0+00
40+00E
5+00S
25+00E
New road
40+00E
20+00E
B
PAN # 2
A
10+00S
15+00E
35+00E
Power Line
5+00N
C
HWY # 3
15+00S
Area of detailed
Ronka EM survey
10+00E
30+00E
0+00
25+00E
20+00E
ATTWOOD
5+00S
ADD
15+00E
10+00S
10+00E
15+00S

LEGEND

- Shaft
- Portal & Dump
- Trench
- Copper Anomaly
- Zinc
- Arsenic
- Silver Anomaly
- Lead
- ⊗ Gold values up to .846 oz/ton on adjacent property
- Mag HI, Mag LO } Presunka
- Proposed drill hole
- Ronka EM anomaly (Presunka)
- EM Conductor

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,090

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
LAURENCE SOOKOCHOFF

0 100 200 300 400
metres

SOOKOCHOFF CONSULTANTS INC.

ZEPHYR RESOURCES LTD.

GREENWOOD MINING DIVISION

COMPILATION MAP

SCALE:	DATE:	N.T.S.	DRAWN BY:	FIGURE:
1:5000	SEPT'87	82E/2	GEO-COMP	10

GEO-COMP DRAWING FILE: zephyr\comp Sept. 29 '87