LOG NO: 21-01 RD.

ACTION:

FILE NO:

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,849

APOLLO DEVELOPMENT INC.

GEOCHEMICAL and GEOPHYSICAL

Assessment Report

on the

Y CLAIM GROUP

Greenwood Mining Division

NTS 82E/6E

December 28, 1990
Vancouver, B.C.

Sookochoff Consultants Inc.
Laurence Sookochoff, P.Eng.

TABLE OF CONTENTS

APPENDICES

LIST OF ILLUSTRATIONS

GEOCHEMICAL and GEOPHYSICAL

ASSESSMENT REPORT

on the

Y CLAIM GROUP

Greenwood Mining Division

SUMMARY

The Y Claim Group is located within four kilometers of the Highland Bell Beaverdell mining operation from which silver production has been continuous since 1913. The productive silver veins of the Beaverdell camp occupy shear zones within altered granodiorite or sodic granite. Native silver, as one of the minerals associated with the veins, is found throughout a vertical range of at least "1000 feet."

At Carmi, six kilometers north of Beaverdell, the mineralization is of gold with very little silver values. According to Reineke (1915), the Carmi ores were formed under the same geological and structural conditions as those on Wallace Mountain where the deeper parts of the shear zones carry ores which resemble those at Carmi.

On the Y Claim Group, the initial interest was aroused by impressive assay results obtained from samples taken in 1975 from an open cut of the WYE 8 claim by Eric R. Smith, P.Eng. in 1975. The assay returned 5.25 - 5.83 oz/ton in gold and 27.9 - 29.1 oz/ton in silver across "12 inches" of quartz vein.

In the October 1990 exploration program completed for Apollo Development Inc., the same opencut - Trench T1 - was mapped in detail and systematically sampled resulting in additional significance to the type of mineralization. It was determined that gold mineralization in the trench occurs not only restricted to the fissure filled quartz and sulphide structures (2.6 oz Au/ton across 0.9 meters), but also in the altered host rock (0.82 oz Au/ton) and unaltered host rock (0.08 oz Au/ton).

In addition, the exploration program resulted in the delineation of five correlative anomalous areas - Zones A to E - for future exploration. Zone B, with the significant gold values of Trench T1 is correlative to a limited degree to soil geochem and low magnetic values. The most significant aspect of Zone B was the proximal association with anomalous cadmium values in the soil.

Zone A, 400 meters south of Zone B, includes exploratory workings which reveal a lower degree of mineralization than in Zone B. Lower order anomalous cadmium values correlate directly with the workings. The zone is indicated to plunge to the west - northwest.

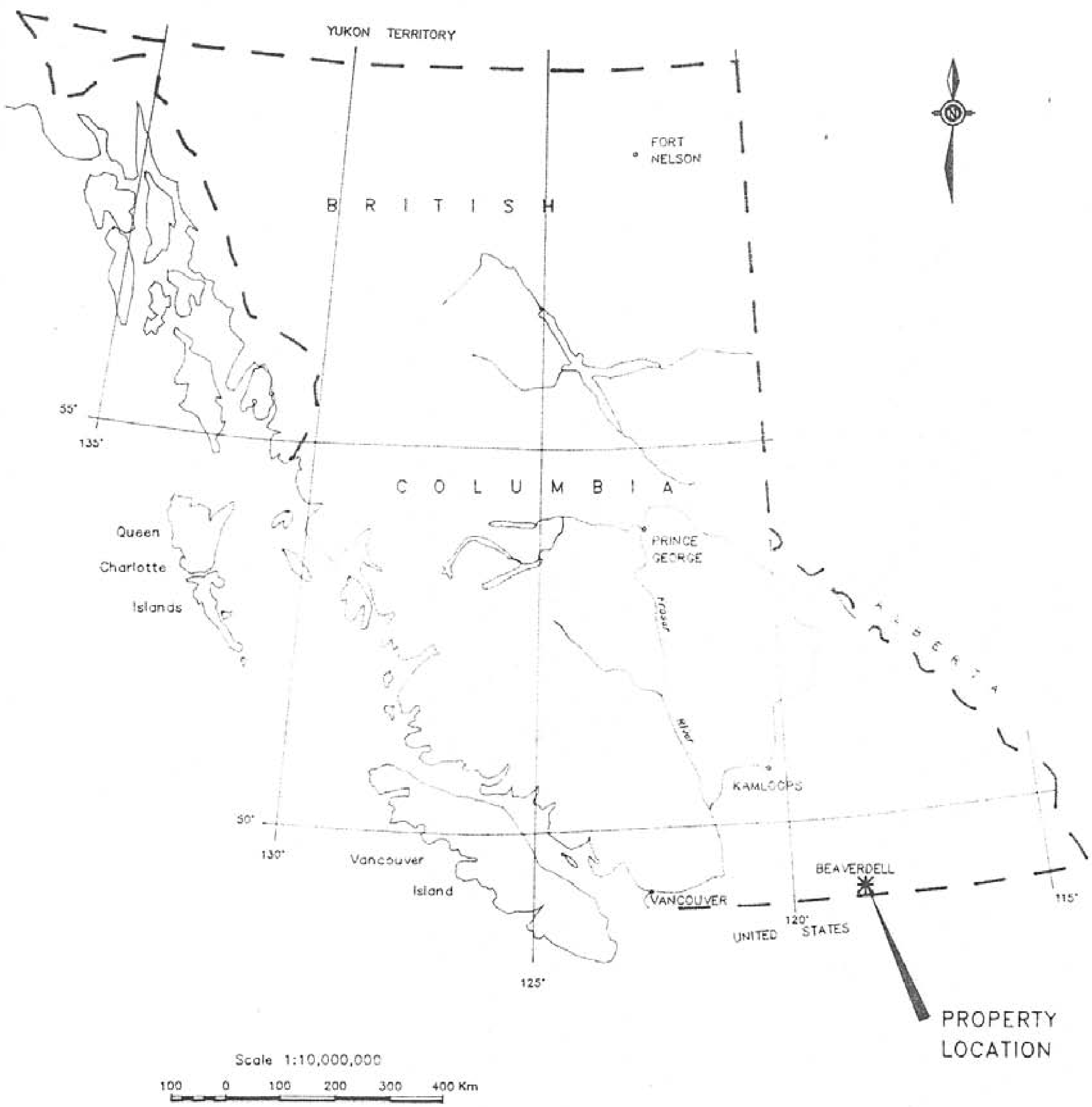
Zones C and D, 1500 meters distant to the south, include old workings exploring mineral zones and consist of widespread multielement anomalous soil geochem values with localized anomalous cadmium values. The anomalous cadmium values occur within 50 meters of the workings

A significant anomalous cadmium soil geochem at the southeastern corner of the survey area is open to the southeast and occurs over two grid lines with values of up to 4.6 times background. Other localized cadmium anomalies are scattered over the grid area.

INTRODUCTION

In September 1990, Sookochoff Consultants Inc. was commissioned by Fred Mackenzie, a director of Apollo Developments Inc. to perform an exploration program on the Y Claim Group. The purpose of the program was to determine the potential of the property for the containment of economic gold and/or silver zones as located at the Highland Bell mine on Wallace Mountain near Beaverdell or at Carmi six kilometers north of Beaverdell.

The exploration program was essentially the recommendations as set out by H.Kim, P.Geol.,F.G.A.C., in a 1981 report on the property. The work was carried out under the direction of H. Kim, P.Geol.,F.G.A.C., and L. Sookochoff, P.Eng., and consisted of geochemical, geophysical, geological and related surveys and was completed during September and October, 1990.



APOLLO DEVELOPMENT INC.

SOOKOCHOFF CONSULTANTS INC.

H. KIM , P. Geol. , F.G.A.C.

L. SOOKOCHOFF P. Eng.

Y CLAIMS

GREENWOOD, M.D.

LOCATION MAP

SCALE:	DATE:	N.T.S.	DRAWN BY:	FIGURE: 1
AS NOTED	OCT.'90	82E/6	GEO-COMP	

Although portions of the present grid area were previously covered by geochemical and magnetic surveys, only one former grid station was located. As a result, a new grid was completed and the surveys repeated in part in order to establish definitive anomalous areas for the future exploration of the property.

PROPERTY

The property is comprised of eight two post located claims included within two contiguous 20 unit grid located claim blocks with an overstaking of an approximate four contiguous two claim post area. The effective area of the Y Claim Group is 920 hectares. Particulars of the claim group are as follows:

Claim	Units	Record Number	Expiry Date*
WYE 1 - 8		4465 - 4472	December 09, 1992
Y # 1	20	6081	September 22, 1993
Y # 2	20	6080	September 20, 1993

* Upon the approval of two years assessment work applied November 16, 1990

The claims are registered in the name of Apollo Development Inc.

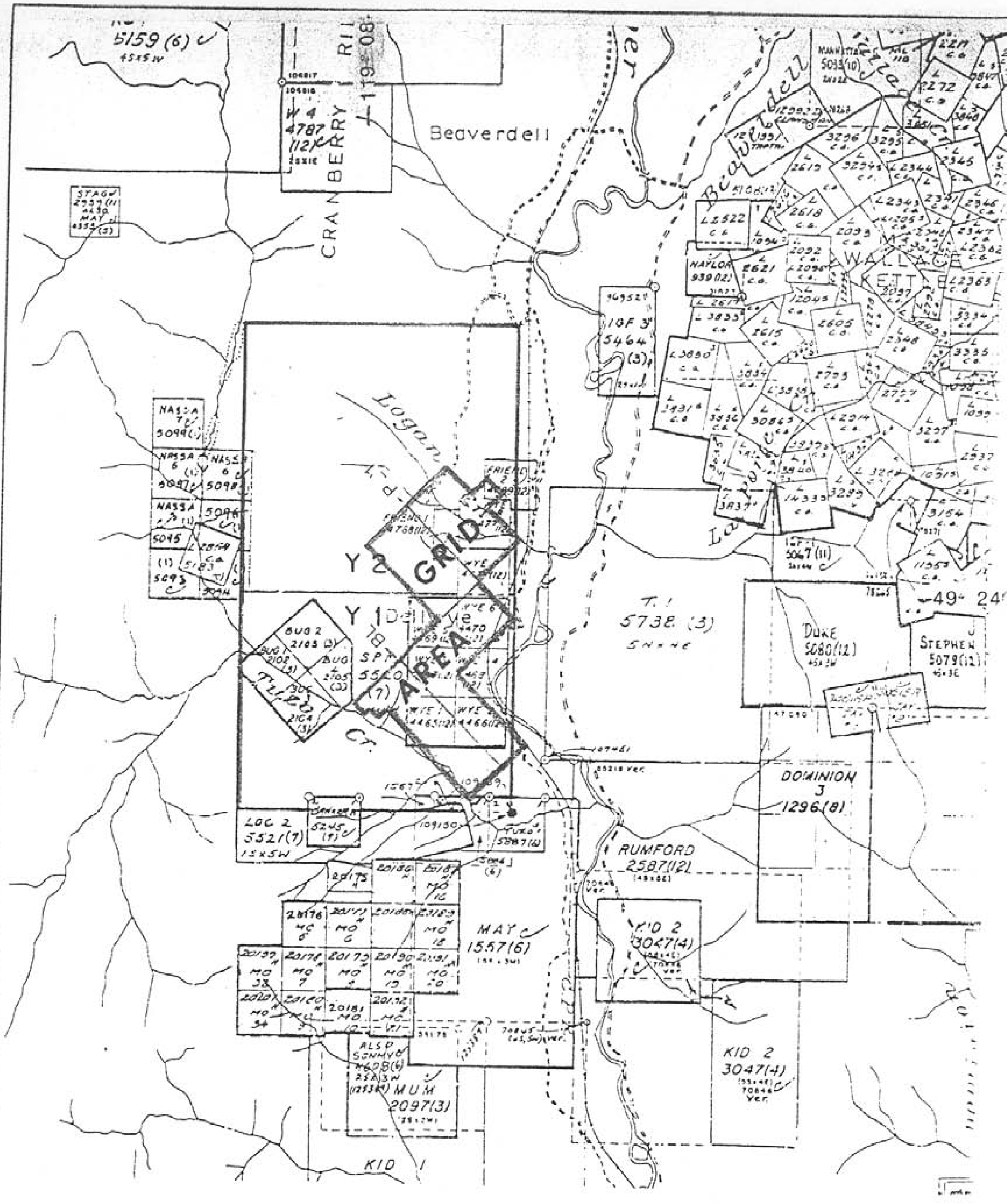
Any legal aspects regarding the claim group is beyond the scope of this report

LOCATION
(49 24'N, 119 06'W)

The property is located 290 kilometers east of Vancouver, British Columbia and within three kilometers south of Beaverdell. The claims cover the southern portion of Cranberry Ridge between the Westkettle River to the east and Tuzo Creek to the west which also crosses the claims in the southwest.

ACCESS

The property is readily accessible west from Beaverdell, across the Kettle River, southward along an abandoned railroad grade, past the Highland Bell Mine concentrator and to the northeastern corner of the Property.



Scale 1:50,000

0 1 2 3 4 Km

Geo–Comp Systems

APOLLO DEVELOPMENT INC.

Y CLAIM GROUP

CLAIM MAP

DATE: OCT.'90	N.T.S. 82E/6	FIGURE: 2

SOOKOCHOFF CONSULTANTS INC.

In addition, the Tuzo Creek forestry road, branching off to the west from Highway 33, 6.4 kilometers south of Beaverdell, provides all weather access to the western and southwestern portions. Numerous dry weather logging roads provide access to, or near to, most of the major mineral zones.

HISTORY

In the Beaverdell area, prospecting and exploration dates back to the late 1890's. The Highland Bell Mine on the west slopes of Wallace Mountain has been continuously active since 1913 with intermittent production between 1900 and 1913. The B.C. Department of Mines report, Geology in B.C., 1975, reports that the Beaverdell Mine area produced about 32 million ounces of silver, 24 million pounds of lead, 28 million pounds of zinc, with minor production of gold, cadmium and copper.

On ground covered by the Wye claim group, four locations were explored for precious metal and base metal deposits by six adits with winzes and three open cuts prior to 1970. There is no information available on the analytical results of this exploration.

In 1975 a localized magnetic and a geological survey was completed for Argentia Mines Ltd. over a trenched area north of Logan Creek (present Wye 8 mineral claim) on the Doorn Group of mineral claims, which are now part of the Y Claim Group. Reported results (Smith 1975) include a channel sample of a "12 inch" quartz vein assaying 5.83 ozs/Au and with "one sample across 100 feet returning 0.043 ozs/ton Gold and 0.05 ozs/ton Silver."

The magnetic highs appear to reflect the andesite dykes and in one area the mineralized quartz veins are related to andesite dykes where "both the veins and the dykes have a NW-SE strike, and appear to parallel the magnetic zone immediately to the south and to the north." Smith concludes that several other targets exist within the grid area which should be examined for mineral potential.

In 1980 and 1981 Mohogany Mining Company Ltd. completed exploration work on the Dell claim group (twenty claims) and covered the ground presently designated as the Wye 1-8 claims. The reported results (Cruz 1980; Kim 1981) revealed geophysical and geochemical anomalies in the north and the south of Logan Creek.

The anomalies consisted of four electro-magnetic anomalous zones, generally running east-west and anomalous coincident silver, lead and zinc soil geochemical values with erratically high geochem values up to 41,000 ppm in Pb, 2,290 ppm in Zn, 5.8 ppm in Ag and 127 ppm Cu. Cruz also states that two vein systems may occur; one east-west system and second north-south system dipping from 40 to vertical.

In 1987 six trenches within granodiorite were completed on the Wye 7 mineral claim. Results (Hainsworth 1987) of the trenching revealed minor local alteration in addition to weak silver values from the 33 trench samples.

GEOLOGY

The Y Claim Group is embraced within a large body of Cretaceous Nelson plutonic intrusives consisting of granodiorite, quartz diorite, diorite, quartz monzonite, monzonite and syenite.

The intrusive in the Beaverdell area which is referred to as the West Kettle Batholith is composed of an even grained granitic rock having an average grain size of about 1.5 millimetres. It has a speckled grey appearance due to approximately equal amounts of dark and light colored grains. Some of the feldspar has a pinkish tint.

The Beaverdell Stock intruding the West Kettle batholith, and occurring at the Beaverdell Mine, is a light colored pinkish rock resembling granite, having a grain size of about five millimeters, is highly chloritized and characterized by large pink orthoclase phenocrysts. The stock approximates the age of the bulk of the mineralization (50 My) and is considered to be genetically related to it.

The Y Claim Group is mainly underlain by granodiorite and quartz diorite, which are continuous with the country rock of the active Beaverdell Mine. The intrusive rocks are in turn intruded by quartz monzonite and monzonite in the central west and south part of the map area. Some outcrops of the later intrusives may be called syenodiorite, syenite or even porphyritic granite on visual inspection. All these various intrusive rocks may be associated with the Nelson pluton of Cretaceous period as variable phases.

It is also possible that these intrusives are a part of Tertiary porphyritic granite. On the western and southern boundary of the line grid geologic map, fine-grained diorite and aplitic dykes intrude the granodioritic country rocks. A fine-grained diorite appears to be a pulaskite-looking rock commonly associated with Tertiary volcanics. Aplitic dykes may be related to a granodiorite intrusion.

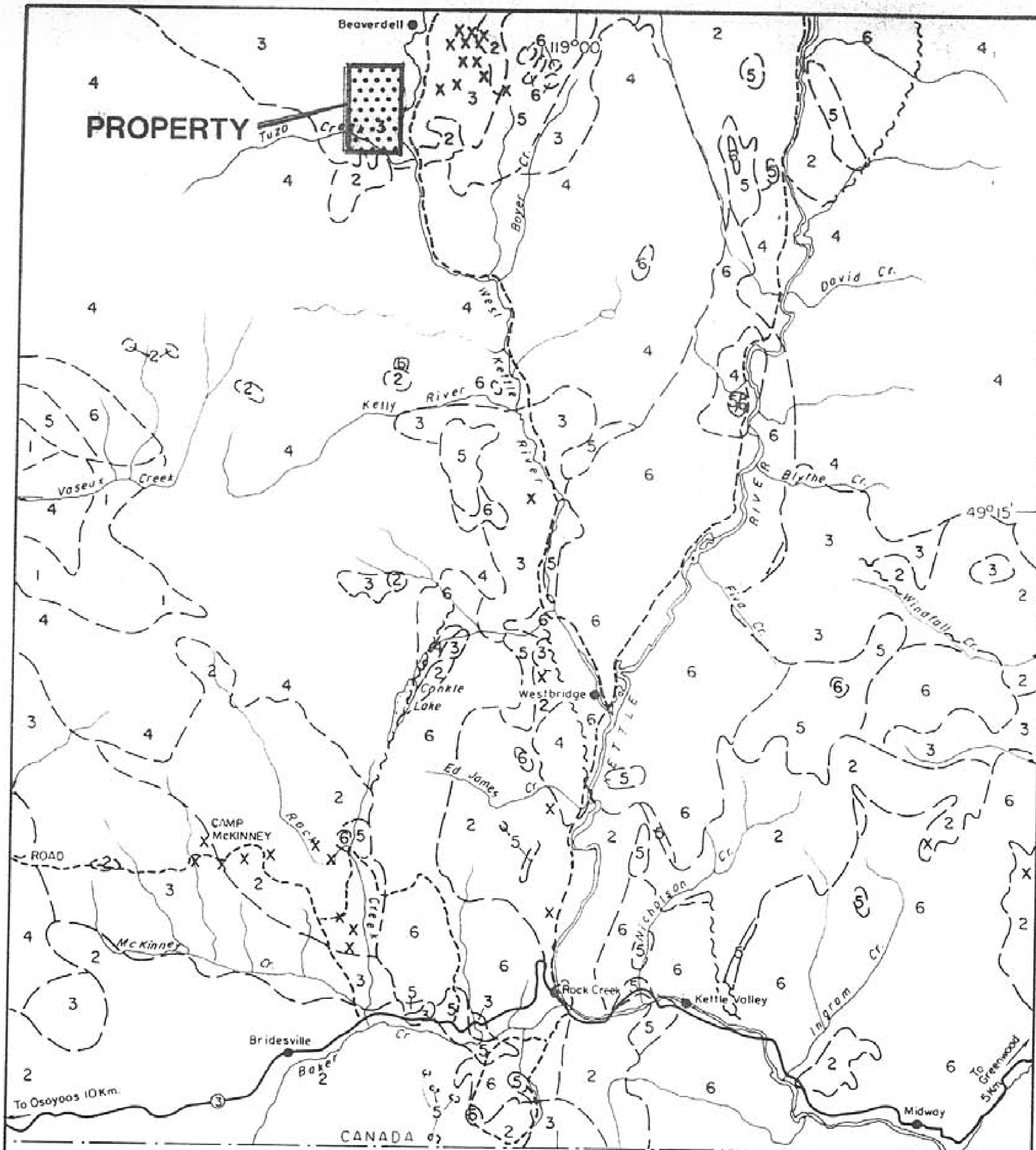


FIGURE 3

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REGIONAL GEOLOGY

N.T.S. 82E/

0 5 10 15 KM.

SCALE 1:250,000

LEGEND

6	ANDESITE, TRACHYTE, MINOR BASALT
5	KETTLE RIVER FORMATION
4	VALHALLA PLUTONIC ROCKS
3	NELSON PLUTONIC ROCKS
2	ANARCHIST GROUP
1	MONASHEE GROUP
X	MINERAL OCCURRENCES

The mineralized quartz veins or shears are hosted by granodiorite or quartz diorite with some remnant masses of pre-mineral Anarchist volcanics of Permian or Triassic period. All important showings and geochemical anomalies are localized in the granodiorite or quartz diorite. The later phase of the intrusives viz, monzonite, quartz monzonite, porphyritic quartz syenite, etc. appear not to carry significant sulphide mineralization.

STRUCTURE

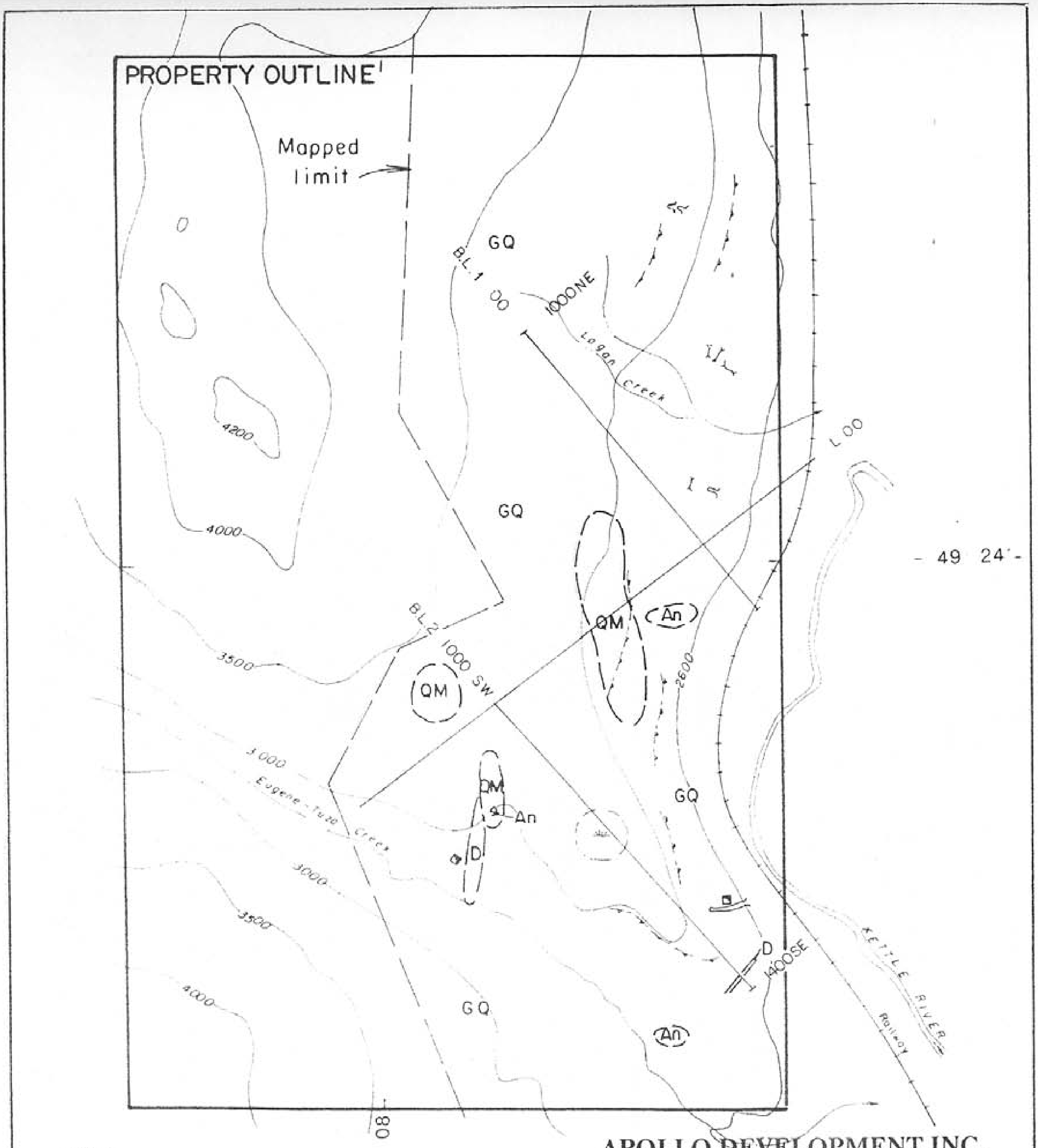
The most striking feature on Wallace Mountain is the five sets of faults noted by previous workers. Some are pre-mineralization in age, some are mineralized and some occurred later than the mineralization. Of the five sets, two are most important in their effect on the mineralization. High-angle, northerly striking, steeply eastward dipping, normal faults cut Wallace Mountain into several large blocks. These faults are all post mineralization and thus displace the veins.

The other important fault-set strikes northeasterly and dips moderately to the northwest. This set comprises numerous normal faults with displacements ranging from a few centimetres to several meters. In several places these faults are spaced less than one meter apart slicing the veins into numerous short sections.

REGIONAL MINERALIZATION

The productive veins of the Beaverdell camp are up to "50 feet" wide and occur in zones of altered granodiorite or sodic granite of the West Kettle batholith. The altered rock adjacent to the veins is soft and appears speckled with small purplish blotches with abundant development of serecite and clay minerals, chlorite, calcite, epidote and hematite. The ore is in simple veins, composite branching veins and stringer lodes.

The veins host medium grained pyrite, sphalerite and galena with some arsenopyrite and some chalcopyrite. Commonly, the veins have a banded structure produced by a rude parallelism of sulphide stringers. The parts of the vein that constitute ore-shoots contain in addition to the common sulphides, visible amounts of silver bearing minerals such as tetrahedrite, pyrargyrite (ruby silver), polybasite, argentite and native silver. The native silver occurs in and is associated with the vein and other minerals and is found throughout a vertical range of at least "1,000 feet".



APOLLO DEVELOPMENT INC.

LEGEND

- D — Dyke - fine grained diorite & aplite
- QM — Quartz monzonite & monzonite, locally syenite to syenodiorite phase
- GQ — Granodiorite &/or quartz diorite
- An — Andesite including greenstone
- Geological contact
- Rock cliff
- Elevation in feet
- Slough, pond
- Adit
- Winze
- Trench

NOTES

1. This map is derived from two sources. 1:50,000 scale N.T.S. map Beaverdell & P. Crooks, prospector's
2. Line grid map 1:5000 scale was reduced photographically to be facilitated with N.T.S. topographic map, which was also photographically adjusted.
3. Map scale is approximate. Its accuracy not guaranteed.
4. Geological map is based on H. Kim's 1980 outcrop mapping & the current work (Oct. 1990).

0 500 1000 METRES

SOOKOCHOFF CONSULTANTS INC.
H. KIM P.Geol., F.G.A.C.
L. SOOKOCHOFF P. ENG.

Y CLAIM GROUP

N.T.S. 82E-6E GREENWOOD M.D., B.C.

LOCAL GEOLOGY

SCALE ~1: 20,000	DATE: OCT. 1990	FIG. Nº. 4

CHONG

At Carmi, six kilometers north of Beaverdell, the ores carry gold with a very little silver. Reinecke (1915) states that:

> "the ores at Carmi were formed under the same geological and structural conditions as those on Wallace Mountain, it is believed that the Carmi ores represent the deeper parts of the orebodies whose upper parts have been eroded away; or in other words, the deeper parts of the shear zones on Wallace Mountain carry ores which resemble those at Carmi...The mine at Carmi is a low grade property, but the length of outcrop of the shear zone in which its ores lie indicate that the shear zone may continue to a depth of 1,000 feet or more."

PROPERTY MINERALIZATION

On the Y Claim Group, four locations were previously explored for mineral occurrences by at least six short adits and three open cuts. In the 1990 program, it was not possible to examine two adits and a winze of this earlier exploration program due to caving or flooding.

Analogous to the pattern and structure of the productive veins in the Beaverdell Mine area, mineralized quartz veins in shear zones on the property occupy two sets of fractures. One set striking generally east-west is represented in the trench north of Logan Creek. The other set strikes northeast and comprises the rustily weathered shears and quartz veins of the flooded winze in the southeast corner of the property.

All accessible showings examined on the property are summarized as follows:

Trench T1 The economic interest on the property was aroused by reported assays of 5.25 - 5.83 oz Au/ton and 27.9 - 29.1 oz Ag/ton across "12 inches" of quartz vein (Smith 1975). Sheared granodiorite and andesites host gold bearing quartz veins, veinlets and fracture filled sulphides (Sample Nos. T1-70 & T1-28). Significant gold mineralization occurs within bleached, jarocitized and limonitized zones along the contact. (Sample Nos. T1-14 & T1-18). The granodiorite and the andesite host rock also contain anomalous gold values (Sample Nos. T1-30 & T1-34) which increase with increased limonitic content along the fracture planes.

Trench T2 and T3.

Trench T2 exposes a weakly altered granodiorite with a 0.2 meter wide quartz vein from which a sample returned an assay of 0.1 oz Au/ton. A sample of a weakly bleached zone within the granodiorite returned 100 ppb Au. Trench T3 exposes granodiorite and andesite which are relatively unaltered. Samples of quartz vein material returned an assay of 130 ppb Au

Showings on L1

Two short adits expose narrow rusted shear zones hosting quartz veinlets and massive sulphides with associated light argillic alteration. A sample from a 20 cm quartz vein returned 910 ppb Au.

Quartz veins on L1.

There are a series of northwesterly trending quartz veins to the west of the above noted two short adits. Widths of the quartz veins exposed in the trenches and adit are up to one meter, however show no visible sulphides. A 0.6 meter wide channel sample of the quartz vein in a short adit returned an assay of 360 ppb Au and 303 ppm Ba.

Iron oxidized rocks on L2.

An impressive rustily weathered 10 meter wide zone in granodiorite hosts 16 narrow quartz veins and veinlets. Samples taken across the 10 meter wide zone returned 12 ppb and 24 ppb Au.

Adit on L1200.

A 150 meter long crosscut exposes over 18 fault-shear zones with associated quartz veins attaining widths of up to 0.3 meters wide. Samples from the adit returned generally low gold values however one sample returned an assay of 250 ppb Au.

Winze on L1100.

A 0.8 meter wide sample from a zone between two mineralized structures returned anomalous values in base metal values of 967 ppm Pb and 694 ppm Zn.

Winze on L400 - 1460 SW.

A 0.6 meter wide highly oxidized structure with quartz veinlets returned an insignificant gold value but the base metal and iron content would be anomalous being 692 ppm Cu., 418 ppm Zn., 112 ppm Ni. and 24.36% Fe.

1990 EXPLORATION PROGRAM on the Y CLAIM GROUP

The 1990 exploration program on the Y Claim Group included the following:

1) Base map
2) Grid
3) Geochemical survey
4) VLF-EM survey

Base Map

A base map was prepared by Geo Comp Systems.

Geochemical Survey

A grid was set up to cover two areas of known bedrock mineralization. Initially two northeast-southwest baselines were established: one 1,400 meters long and a second paralleling the first 1,000 meters southwest and 1,400 meters long. The southeastern portion of the first baseline overlapped the northwestern portion of the second baseline by 400 meters in order to provide a control to the survey area.

Cross grid lines were fixed at 100 meters on the baseline with four lines common to the two baselines. Samples were taken at 40 meter stations along the grid lines and were taken from the "B" horizon of the brown forest soil at a depth of 12 to 18 centimetres. The soil was placed in wet-strength bags with the appropriate grid station marked thereon. Red flagging with the grid station was placed at the field station. A total of 595 samples were taken.

The samples were sent to Acme Analytical Laboratories Ltd. of Vancouver where a 30 element ICP test was completed with a portion of the samples analysed for gold. The ICP analysis involved the digestion of .500 grams of the soil sample with 3 ml 3-2-1 HCl-H2O at 95 deg. C for one hour and diluted to 10 ml with water.

The background, sub anomalous and anomalous values of six elements - arsenic, copper, silver, lead, cadmium and zinc - were determined utilizing a program developed for an IBM PC computer. The results were plotted on individual maps with a composite or compilation of results on a separate map.

The statistical parameters are as follows:

	Background	Sub Anomalous	Anomalous
Arsenic	5	7	10
Cadmium	0.4	0.7	1.0
Copper	16	25	34
Lead	21	45	69
Silver	0.2	0.3	0.5
Zinc	112	188	263

All values are in ppm.

The results of the survey on each of the six elements is as follows:

Arsenic.

The predominant portion of the arsenic anomalous values, which range up to 39 ppm, are located in the southern part of the grid area. The localized anomalous trend is northwesterly, however the general trend is east-west. There is not a direct correlation to any of the two known mineralized zones in this area.

Cadmium.

The maximum anomalous cadmium value, which occurs within anomalous area B, is 7.9 ppm and is proximal to the trenches exposing the most significant mineral zone on the property. The anomalous and sub anomalous zone extends northwesterly for 150 meters and is open to the southeast.

An anomalous zone in area A extends west northwest for 300 meters and correlates directly with a trenched mineralized zone. Mineralized zones with workings in area C and D in the southern portion of the property are proximal to cadmium anomalous values. An anomalous zone south of area C contains values up to 2.6 ppm cadmium, covers an area of 200 by 100 meters and is open to the southeast.

Copper.

The anomalous values are up to 152 ppm generally occur as northwesterly to east-west trending anomalous zones. Specifically, the two highest values correlate with anomalous cadmium values: the open anomalous zone proximal to the main trenched zone at area B and a localized zone at Line 100 SE, 550 SW.

Lead.

Anomalous lead values range up to 1741 ppm from an anomalous threshold of 69 ppm. This highest value occurs within an anomalous zone within area C, proximal to the mineralized zone. There is no anomalous value associated with the main zone at area C and only a single anomalous value associated with mineralized area A. Most of the anomalous values are in the southern sector of mineralized areas C and D.

Silver.

The anomalous silver values are all one station scattered values with only one area of significance. Low order anomalous silver values of up to 0.6 ppm occur across three grid lines correlating in part to anomalous copper, zinc and cadmium values in mineralized area A.

Zinc.

The highest zinc value of 2,130 ppm does not correlate with any mineralized area and occurs south of mineralized area C. The high value correlates with anomalous, arsenic, lead and cadmium values. There is also direct and indirect correlation with the other three mineralized areas.

VLF-EM Survey.

Within the northern portion of the survey area the Fraser Filtered survey results indicated localized discontinuous northwesterly trending zones. A general larger scale west-northwesterly trending anomalous zone incorporates the upper portion of mineralized zone A indicating a potential mineral controlling structure.

Similar anomalous zones occur in the south but to a lesser degree. Minor easterly structural trends are interpreted with a general north-northwesterly trend indicated. The survey was not completed over the Tuzo Creek mineral zones C and D and terminated adjacent to correlative zone E.

CONCLUSIONS

It is concluded that the Y Claim Group covers geologically favorable ground for the localization of potentially economic gold mineral zones. As a result of the 1990 exploration program, it was also indicated that known mineralized areas are or proximally associated with localized anomalous cadmium values in the soil. Cadmium thus appears as a favorable pathfinder element in the expression of gold mineralization. The anomalous cadmium values may be utilized in the location of near surface mineralized areas, whereas the sub anomalous or above background cadmium values may be indicative of deeper seated mineral zones.

SEATLE TRANSMITTER USED FOR VLF SURVEY

RECOMMENDED EXPLORATION PROGRAM

It is recommended that a two stage exploration program be completed on the Y Claim Group. Initially, additional IP surveys should be completed over Zone B to determine the configuration of the mineralized zone and the IP response to the west. Diamond drilling to test the results of the IP and the extent of mineralization to depth would follow. Utilizing the information obtained from the drilling of Zone B, Zone A would be explored accordingly.

Should the IP be effective in the detection of target areas for diamond drilling, IP surveys Would be completed over Zones C, D, & E and over the anomalous cadmium zone at 1270 SW 1400SE. All other anomalous, sub anomalous and above background cadmium zones should be examined for potential gold mineralization.

Contingent on the results of the initial stage of the recommended exploration program, a second stage of follow-up diamond drilling and preliminary exploration of the unexplored portions of the property would be initiated.

Respectfully submitted,
SOOKOCHOFF CONSULTANTS INC.

Laurence Sookochoff, P.Eng.

December 28, 1990
Vancouver, B.C.

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 Suite 603, The Standard Building, 510 West Hastings St., Vancouver, B.C., V6B 1L8.

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-four 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, from work performed on the property reported on herein since 1987 and including the work carried out on the Y claim group in 1990.

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

6. I hereby grant my consent to the publishing of this report for the purpose of financing of APOLLO DEVELOPMENT INC. .

Laurence Sookochoff, P.Eng.
Consulting Geologist

December 28, 1990
Vancouver, B.C.

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APOLLO DEVELOPMENT INC.
Y Claim Group
Statement of Costs

The field work on the Y claim group was carried out from September 15, 1990 to November 9, 1990 to the value of the following.

Grid, Geochemical and Geochemical Survey

Andrew Sostad:	
September 22, - October 6, 1990	
15 days @ $250.	$ 3,750.00
Don Hairsine:	
September 22, - October 5, 1990	
14 days @ $275.	3,850.00
Pat Crook:	
September 15, - October 8, 1990	
24 days @ 300.	7,200.00
Laurence Sookochoff, P. Eng.	
5 days @ $500.	2,500.00
Room & board 58 man days @ $75.	3,364.00
Truck rental 20 days @ $55. plus gas	1,228.00
Field supplies	1,350.00
Assays	5,187.00
Compilation & draughting	675.00
Report & associated costs	2,896.00
	$ 32,000.00

Appendix I

ASSAY CERTIFICATES

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Sookochoff Consultants Inc. PROJECT ALFA File # 90-5015 Page 1

602 - 510 W. Hastings St., Vancouver BC V6B 1L8

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
L10-480NW	1	11	3	54	.1	6	5	627	1.97	2	5	ND	3	29	.3	2	2	37	.25	.048	6	7	.57	136	.06	7	1.28	.03	.09	1
L10-440NW	1	17	6	94	.2	6	7	784	2.44	5	5	ND	3	38	.3	2	2	41	.39	.107	5	6	.59	157	.06	6	1.75	.02	.13	1
L10-400NW	1	10	11	50	.1	4	4	635	2.07	2	5	ND	3	22	.2	2	2	37	.22	.037	7	6	.43	93	.07	6	1.41	.02	.11	1
L10-360NW	1	17	2	87	.2	9	9	785	2.95	6	5	ND	5	50	.7	2	2	45	.43	.110	10	14	.84	183	.05	5	2.52	.03	.17	1
L10-320NW	1	14	4	81	.1	9	9	908	3.05	4	5	ND	5	37	.6	3	2	55	.40	.073	7	14	.89	145	.06	5	2.27	.02	.17	1
L10-280NW	1	11	2	63	.1	7	7	741	2.47	2	5	ND	4	28	.3	2	2	45	.31	.056	5	11	.66	105	.09	4	1.82	.02	.13	1
L10-240NW	1	14	10	76	.1	8	7	1003	2.36	4	5	ND	4	46	.5	2	2	44	.46	.066	6	11	.52	143	.08	7	1.86	.03	.18	1
L10-160NW	2	13	2	66	.1	8	4	780	1.77	2	5	ND	3	35	.2	2	2	31	.30	.155	8	9	.23	169	.06	7	1.36	.04	.10	1
L10-120NW	2	10	2	40	.1	7	5	435	1.82	2	5	ND	4	24	.2	2	2	35	.26	.035	9	9	.30	92	.07	6	1.21	.04	.14	1
L10-080NW	2	9	7	31	.2	8	5	484	1.82	2	5	ND	4	25	.3	2	2	37	.29	.038	8	11	.28	88	.07	5	.97	.05	.19	1
L10-040NW	2	8	4	43	.1	6	5	618	1.77	2	5	ND	4	25	.2	2	2	35	.24	.044	7	10	.26	107	.06	3	.95	.04	.14	1
L9-480NW	1	10	2	46	.2	7	5	423	1.87	5	5	ND	6	26	.3	2	2	32	.22	.052	8	10	.37	134	.05	5	1.22	.03	.13	1
L9-440NW	3	32	5	51	.2	7	7	482	2.33	4	5	ND	5	28	.2	2	2	34	.26	.039	10	10	.47	173	.05	3	1.60	.02	.21	1
L9-400NW	2	25	8	61	.1	10	9	679	2.72	5	5	ND	7	25	.6	2	2	36	.24	.041	15	16	.59	198	.04	4	1.77	.02	.24	1
L9-360NW	1	18	8	85	.1	7	8	1225	2.57	3	5	ND	7	27	.4	3	2	32	.28	.054	15	9	.38	338	.03	4	1.62	.02	.21	1
L9-320NW	2	14	2	53	.1	7	8	739	2.51	7	5	ND	6	21	.5	2	2	31	.29	.052	14	7	.43	336	.02	7	1.37	.02	.26	1
L9-240NW	1	14	2	35	.1	7	5	565	1.94	7	5	ND	4	26	.2	2	2	33	.28	.044	9	9	.34	244	.06	4	1.28	.04	.12	1
L9-200NW	1	11	7	45	.1	7	6	418	2.20	4	5	ND	5	23	.2	2	2	38	.30	.040	9	9	.43	145	.05	5	1.21	.04	.15	1
L9-160NW	1	14	3	62	.1	7	9	851	2.61	7	5	ND	7	33	.2	2	2	33	.32	.046	13	11	.54	238	.03	6	1.46	.02	.25	1
L9-080NW	1	13	4	41	.2	6	5	381	1.73	4	5	ND	5	23	.2	2	2	33	.21	.076	8	8	.32	97	.05	2	.94	.03	.10	1
L9-040NW	1	14	3	40	.1	6	4	296	1.71	7	5	ND	3	28	.2	2	2	23	.25	.110	7	8	.30	65	.05	4	.99	.04	.09	1
L8-480NW	1	15	8	39	.2	7	5	383	1.95	3	5	ND	5	24	.5	2	5	34	.19	.035	9	10	.34	136	.06	3	1.33	.03	.13	1
L8-440NW	1	12	6	50	.1	6	5	499	1.75	4	5	ND	4	21	.2	2	2	32	.22	.040	8	9	.31	127	.04	3	.95	.03	.15	1
L8-400NW	2	18	7	89	.2	10	9	781	2.63	5	5	ND	6	26	.5	2	3	36	.30	.072	12	22	.59	234	.04	4	1.89	.02	.23	1
L8-360NW	3	17	10	70	.2	7	7	811	2.34	5	5	ND	8	21	.4	2	2	28	.25	.055	11	12	.43	236	.04	3	1.66	.02	.23	1
L8-320NW	2	15	9	40	.3	8	6	702	2.11	3	5	ND	4	23	.2	2	2	35	.23	.041	7	13	.40	169	.04	5	1.12	.04	.18	1
L8-280NW	1	15	9	41	.2	7	6	512	2.00	8	5	ND	5	28	.5	2	2	34	.31	.032	10	9	.36	186	.05	4	1.21	.04	.15	1
L8-240NW	2	16	4	88	.2	7	7	944	2.49	6	5	ND	6	30	.7	3	2	39	.28	.084	11	8	.52	267	.04	4	1.57	.03	.16	1
L8-200NW	1	16	9	68	.2	7	7	560	2.43	10	5	ND	7	26	.7	2	2	34	.24	.069	9	10	.57	161	.03	5	1.49	.03	.17	1
L8-160NW	1	13	4	57	.1	8	5	742	1.84	7	5	ND	4	30	.2	2	2	32	.24	.099	7	12	.33	210	.06	4	1.31	.04	.12	1
L8-120NW	1	12	5	46	.1	8	5	419	1.78	7	5	ND	5	35	.2	2	2	34	.28	.035	7	11	.31	154	.05	4	1.10	.05	.11	1
L8-080NW	1	10	2	33	.1	7	4	240	1.73	7	5	ND	3	25	.2	2	3	33	.21	.041	5	10	.29	87	.06	3	.98	.05	.12	1
L8-040NW	1	11	3	53	.1	6	5	685	1.70	12	5	ND	4	29	.3	2	2	31	.23	.079	6	9	.26	157	.05	2	1.15	.04	.12	1
L7-480NW	1	15	9	53	.3	8	6	553	2.15	9	5	ND	5	35	.7	2	4	29	.33	.067	8	10	.35	194	.05	4	1.48	.03	.18	1
L7-440NW	2	17	3	57	.1	7	6	957	2.05	6	5	ND	5	23	.3	2	2	31	.23	.036	7	9	.32	230	.06	4	1.25	.03	.18	1
L7-400NW	1	17	4	55	.1	7	6	820	2.09	10	5	ND	[illegible]	[illegible]	.2	2	2	30	.26	.079	6	9	.37	192	.05	4	1.17	.03	.15	1
STANDARD C	18	62	36	131	7.1	72	31	1055	3.97	39	21	7	39	52	18.9	16	21	59	.44	.098	39	57	.89	182	.07	34	1.89	.06	.14	11

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

DATE RECEIVED: OCT 3 1990 DATE REPORT MAILED:

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
L7-360NW	1	11	5	43	.3	6	6	722	2.12	2	5	ND	3	19	.2	2	2	34	.22	.052	5	10	.47	139	.05	2	1.15	.03	.12	1
L7-320NW	1	12	4	39	.1	6	6	450	2.05	2	5	ND	4	25	.2	2	2	33	.26	.047	8	9	.41	152	.05	4	1.23	.03	.14	1
L7-280NW	2	18	7	52	.2	7	6	573	1.95	2	5	ND	4	27	.3	2	2	29	.33	.050	11	9	.40	167	.05	3	1.47	.04	.13	1
L7-240NW	1	13	2	43	.2	7	5	453	1.72	5	5	ND	3	30	.2	2	2	29	.24	.117	6	10	.29	133	.05	3	1.17	.03	.10	1
L7-200NW	1	16	6	41	.2	7	5	544	1.81	2	5	ND	4	32	.2	2	2	30	.30	.049	7	10	.35	128	.05	3	1.23	.04	.11	1
L7-160NW	1	14	8	44	.1	7	5	487	1.94	3	5	ND	5	23	.2	2	2	31	.21	.056	6	9	.40	123	.05	3	1.25	.03	.13	1
L7-120NW	1	13	4	52	.1	7	5	580	1.81	6	5	ND	5	23	.3	2	2	29	.22	.113	7	10	.33	172	.05	2	1.24	.04	.11	1
L7-080NW	1	13	8	36	.1	7	5	323	1.77	11	5	ND	4	22	.2	2	2	31	.20	.032	6	10	.39	88	.06	2	1.04	.04	.12	1
L7-040NW	1	14	5	66	.1	6	5	539	1.67	2	5	ND	4	30	.2	2	2	27	.25	.113	8	8	.33	160	.06	3	1.27	.03	.12	1
L6-480NW	2	17	3	39	.1	7	5	473	2.02	2	5	ND	3	38	.2	3	2	30	.24	.058	8	13	.35	123	.05	3	1.31	.04	.13	1
L6-440NW	1	17	6	46	.1	7	6	521	2.12	3	5	ND	5	28	.5	2	3	34	.24	.055	4	9	.45	124	.05	2	1.31	.03	.12	1
L6-400NW	2	11	3	24	.1	6	5	312	1.73	2	5	ND	7	24	.2	2	2	34	.22	.036	5	9	.33	85	.04	2	.69	.05	.11	1
L6-360NW	2	14	10	56	.1	7	5	896	2.04	3	5	ND	5	27	.3	2	2	28	.27	.053	7	8	.36	234	.05	5	1.30	.03	.18	1
L6-320NW	1	13	6	57	.2	6	5	763	1.85	3	5	ND	3	30	.2	2	2	32	.29	.062	6	9	.36	196	.05	3	1.18	.02	.10	1
L6-280NW	1	12	7	45	.2	7	5	530	1.87	4	5	ND	4	28	.2	2	2	35	.27	.054	7	10	.35	161	.06	3	1.20	.03	.12	1
L6-240NW	1	22	10	59	.2	7	9	597	2.85	4	5	ND	7	22	.4	2	2	29	.31	.100	9	7	.79	283	.04	6	1.74	.02	.17	1
L6-200NW	1	11	2	34	.1	7	4	263	1.67	5	5	ND	4	25	.2	2	2	30	.22	.056	5	10	.30	107	.05	3	1.04	.04	.12	1
L6-160NW	1	18	2	48	.1	8	5	287	1.82	7	5	ND	3	28	.2	2	2	33	.25	.045	6	10	.39	195	.07	3	1.31	.04	.10	1
L6-120NW	1	11	4	47	.2	7	4	359	1.72	8	5	ND	3	31	.2	2	2	32	.26	.079	6	9	.29	109	.05	3	1.14	.04	.10	1
L6-080NW	2	13	6	60	.2	8	5	606	1.79	3	5	ND	4	35	.2	2	2	29	.26	.147	6	9	.31	167	.05	3	1.31	.04	.12	1
L6-040NW	1	31	7	18	.4	3	2	148	.44	6	5	ND	1	234	.3	2	2	10	17.10	.044	5	5	.24	113	.02	4	.37	.02	.06	1
L5-480NW	1	15	8	39	.2	7	5	427	1.87	7	5	ND	5	36	.4	2	2	29	.27	.058	6	9	.36	115	.05	5	1.23	.04	.13	1
L5-440NW	1	13	7	46	.2	6	5	518	1.63	3	5	ND	2	60	.2	2	2	26	1.90	.102	5	8	.30	169	.04	4	1.14	.03	.13	1
L5-400NW	2	15	5	36	.1	6	5	324	1.95	9	5	ND	6	28	.2	2	2	32	.23	.030	8	16	.39	87	.05	2	.92	.04	.12	1
L5-360NW	1	19	9	42	.3	6	5	224	1.70	10	5	ND	4	27	.2	2	2	28	.30	.025	9	8	.36	109	.05	4	1.17	.03	.09	1
L5-320NW	1	14	7	51	.3	7	6	545	2.10	5	5	ND	5	24	.4	3	2	35	.22	.048	9	10	.39	143	.06	3	1.32	.03	.15	1
L5-280NW	20	18	33	93	1.1	8	6	815	2.50	11	5	ND	5	55	.7	2	3	33	.33	.078	9	13	.43	204	.05	4	1.54	.02	.15	1
L5-240NW	1	14	13	59	.1	7	6	498	1.96	11	5	ND	5	26	.2	2	2	52	.24	.072	9	9	.41	177	.06	3	1.35	.03	.15	1
L5-200NW	2	14	7	60	.2	9	6	485	1.97	10	5	ND	6	32	.2	2	2	29	.21	.119	9	12	.43	228	.06	4	1.55	.04	.14	1
L5-160NW	1	17	6	61	.3	8	6	240	2.18	12	5	ND	8	30	.2	2	3	35	.23	.145	26	7	.44	103	.04	2	1.56	.02	.11	1
L5-120NW	1	20	9	49	.3	8	6	410	1.94	12	5	ND	4	36	.2	2	2	34	.35	.054	9	10	.39	122	.06	4	1.23	.04	.12	1
L5-080NW	1	16	5	51	.2	7	5	423	1.68	9	5	ND	3	31	.2	2	2	24	.26	.033	7	13	.25	169	.07	5	1.66	.04	.14	1
L5-040NW	1	14	11	83	.1	7	6	543	2.21	8	5	ND	6	23	.2	2	2	33	.20	.120	8	9	.43	181	.04	3	1.50	.02	.12	1
L4-480NW	1	13	6	54	.2	7	5	612	1.90	9	5	ND	5	29	.2	2	2	33	.21	.087	8	10	.34	162	.05	3	1.18	.03	.13	1
L4-440NW	1	15	6	42	.2	6	6	506	1.87	5	5	ND	3	32	.2	2	2	28	.22	.039	8	9	.42	150	.05	4	1.15	.03	.12	1
L4-400NW	1	12	8	42	.1	6	5	385	1.96	9	5	ND	5	26	.3	2	2	34	.18	.037	7	9	.42	128	.04	4	1.17	.02	.12	1
STANDARD C	19	63	36	134	7.0	73	31	1056	3.97	38	21	7	39	52	18.4	15	22	61	.44	.099	40	59	.95	182	.07	36	1.89	.06	.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
L4-360NW	2	41	2	60	.4	9	7	587	2.26	2	5	ND	6	45	.2	2	2	34	.46	.037	12	15	.71	143	.06	6	1.74	.06	.14	1
L4-320NW	2	28	2	58	.5	9	7	774	2.05	3	7	ND	4	50	.2	2	2	31	.46	.040	13	13	.51	163	.05	2	1.64	.05	.14	1
L4-280NW	2	18	2	46	.2	6	5	372	1.81	2	5	ND	5	38	.2	2	2	29	.27	.058	12	12	.47	158	.05	2	1.50	.06	.15	1
L4-240NW	3	59	13	50	.3	8	4	754	1.41	2	7	ND	10	31	.6	2	2	25	.76	.046	60	9	.14	161	.02	3	.87	.03	.16	1
L4-200NW	2	11	5	55	.2	7	5	737	1.88	2	5	ND	5	26	.3	2	2	30	.21	.064	17	9	.23	220	.05	3	1.13	.04	.17	1
L4-160NW	2	9	5	71	.3	7	6	944	1.78	2	5	ND	5	30	.3	2	2	33	.25	.040	14	9	.27	177	.06	3	1.13	.04	.15	1
L4-120NW	2	9	4	48	.1	6	6	539	1.73	2	5	ND	4	30	.2	2	2	27	.23	.050	6	11	.33	227	.05	3	1.24	.05	.14	1
L4-080NW	2	14	3	55	.1	7	5	351	1.84	6	5	ND	4	25	.2	2	2	33	.20	.054	9	11	.49	154	.06	2	1.31	.05	.13	1
L4-040NW	2	8	5	34	.1	6	4	344	1.51	2	5	ND	5	24	.2	2	2	29	.20	.035	7	9	.29	95	.04	2	.77	.06	.13	1
L3-480NW	2	18	2	51	.3	8	5	502	1.77	3	5	ND	4	49	.2	2	2	30	.32	.091	10	14	.39	161	.06	4	1.53	.06	.14	1
L3-440NW	2	22	6	37	.3	7	6	286	1.95	2	5	ND	6	35	.3	2	2	38	.30	.024	9	12	.44	86	.07	2	1.10	.05	.14	1
L3-400NW	2	10	2	39	.2	6	5	407	1.83	2	5	ND	4	50	.2	2	2	31	.22	.048	7	10	.42	115	.05	3	.98	.05	.14	1
L3-360NW	2	18	8	62	.2	7	6	741	2.17	2	7	ND	5	33	.4	2	2	30	.27	.076	6	13	.62	180	.05	4	1.57	.05	.16	1
L3-320NW	2	39	8	67	.4	8	7	557	2.21	2	5	ND	6	56	.2	2	2	31	.39	.043	10	13	.67	145	.05	4	1.77	.05	.14	1
L3-280NW	2	22	10	62	.4	8	6	555	2.02	3	5	ND	4	37	.2	1	2	33	.41	.037	10	12	.47	150	.06	3	1.60	.05	.15	1
L3-240NW	2	11	2	59	.3	7	5	663	1.65	2	[illegible]	4	[illegible]	32	[illegible]	[illegible]	2	30	.25	.052	7	9	.30	207	.04	3	1.20	.04	.14	1
L3-200NW	2	12	6	54	.3	6	5	480	1.68	[illegible]	[illegible]	ND	4	48	.3	[illegible]	[illegible]	29	.23	.036	9	8	.37	184	.04	2	1.15	.04	.13	1
L3-160NW	2	12	4	74	.2	7	5	622	1.74	4	5	ND	5	26	.2	2	2	28	.21	.096	7	6	.31	176	.05	2	1.24	.03	.11	1
L3-120NW	2	10	9	58	.3	5	4	539	1.60	2	5	ND	6	26	[illegible]	2	[illegible]	36	.19	.063	14	8	.26	192	.05	2	1.31	.04	.12	1
L3-080NW	2	10	7	57	.5	8	5	558	1.58	3	5	ND	4	28	.4	2	2	36	.22	.075	5	7	.34	188	.04	3	1.07	.04	.13	1
L3-040NW	2	13	4	48	.1	9	6	387	1.92	8	5	ND	4	29	.3	2	2	37	.25	.035	10	12	.46	99	.04	4	1.08	.04	.15	1
L2-480NW	2	24	3	78	.2	8	6	936	1.88	5	5	ND	4	42	.3	3	2	33	.33	.059	16	11	.27	165	.06	3	1.48	.04	.12	1
L2-440NW	2	15	5	43	.1	9	5	424	1.78	9	5	ND	4	29	.2	2	2	31	.32	.050	6	12	.41	118	.05	4	1.19	.04	.12	1
L2-400NW	2	14	6	42	.1	7	5	428	1.69	5	5	ND	4	31	.3	2	2	28	.22	.041	10	11	.32	162	.06	3	1.29	.05	.13	1
L2-360NW	2	50	9	48	.4	8	6	611	1.87	5	5	ND	4	47	.2	2	2	41	.40	.027	13	10	.42	119	.06	4	1.36	.05	.12	1
L2-320NW	2	14	13	59	.1	7	7	789	2.12	7	5	ND	4	30	.5	2	2	32	.22	.077	9	10	.46	222	.04	3	1.42	.03	.18	1
L2-280NW	2	16	7	69	.2	9	7	672	2.19	5	5	ND	5	31	.4	2	2	39	.27	.077	12	12	.59	219	.05	2	1.84	.04	.16	1
L2-240NW	2	50	11	55	.3	8	7	1005	2.02	9	5	ND	4	76	.3	3	2	30	.76	.045	16	11	.51	248	.03	5	1.45	.05	.14	1
L2-200NW	2	16	18	86	.1	10	6	693	2.31	15	5	ND	4	54	.3	2	2	43	.30	.143	17	12	.46	164	.06	5	1.54	.03	.12	1
L2-160NW	1	10	12	70	.1	11	5	811	1.80	11	5	ND	6	42	.5	4	2	30	.25	.097	15	12	.23	231	.06	4	1.59	.03	.12	1
L2-120NW	4	14	15	240	.2	9	7	2657	1.53	9	5	ND	5	35	.8	4	2	21	.48	.272	22	9	.51	1326	.03	5	1.18	.03	.19	1
L2-080NW	1	11	9	66	.2	7	5	636	1.94	5	5	ND	4	25	.2	3	2	31	.25	.059	7	10	.46	206	.05	4	1.41	.05	.18	1
L1-440NW	4	11	7	48	.3	9	6	651	2.01	5	5	ND	2	55	.3	2	2	33	.33	.050	9	12	.49	185	.05	4	1.23	.04	.21	1
L1-400NW	2	14	13	67	.1	7	7	657	2.10	6	5	ND	2	30	.2	2	2	31	.25	.058	9	11	.51	176	.05	4	1.51	.03	.15	1
L1-360NW	2	16	9	59	.1	7	7	567	2.15	6	5	ND	5	27	.2	2	2	32	.23	.045	11	12	.50	178	.05	3	1.39	.03	.17	1
L1-320NW	1	10	11	68	.3	7	5	818	1.73	6	5	ND	4	36	.2	2	2	27	.26	.138	8	10	.34	240	.04	2	1.16	.03	.12	1
STANDARD C	18	60	43	133	7.1	72	32	1054	3.97	43	19	7	37	53	18.6	15	18	56	.46	.095	37	57	.95	182	.07	34	1.89	.06	.14	11

792 P04
OCT 09 '90 09:35

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
L1-280NW	2	12	10	89	.1	9	6	858	1.88	4	5	ND	3	32	.3	2	2	28	.33	.074	8	10	.36	212	.04	3	1.25	.04	.14	1
L1-240NW	2	16	14	90	.2	6	8	1123	2.36	3	5	ND	6	38	.4	4	6	33	.35	.120	9	9	.51	337	.04	2	1.55	.03	.15	3
L1-200NW	2	11	16	73	.1	8	9	575	2.22	2	5	ND	4	24	.5	2	2	34	.27	.044	9	12	.46	218	.04	5	1.29	.04	.20	3
L1-160NW	1	12	16	82	.1	8	9	575	2.09	3	5	ND	5	28	.4	2	3	32	.26	.050	10	8	.39	152	.06	4	1.46	.03	.17	2
L1-120NW	2	13	24	113	.2	6	9	987	2.37	3	5	ND	5	37	.4	3	2	32	.26	.061	12	8	.42	256	.05	5	1.71	.03	.20	1
L1-080NW	1	31	78	173	1.1	7	10	732	2.70	3	5	ND	6	35	.7	2	2	34	.23	.046	14	8	.49	230	.04	2	1.91	.02	.19	1
L1-040NW	2	13	7	67	.1	5	7	411	1.90	4	5	ND	4	29	.3	2	2	29	.20	.044	8	7	.38	111	.04	3	1.27	.04	.14	2
L0-240NW	1	88	2	40	.3	6	5	569	1.47	2	5	ND	1	217	.2	2	2	19	10.39	.102	12	6	.39	181	.02	6	1.02	.03	.09	4
L0-200NW	1	9	13	63	.1	7	8	472	2.49	2	5	ND	5	37	.3	2	5	40	.31	.073	6	9	.68	169	.07	3	1.41	.03	.12	2
L0-160NW	1	10	8	60	.1	4	6	352	1.78	4	5	ND	2	25	.2	2	2	28	.24	.046	6	8	.34	115	.04	3	1.16	.03	.11	3
L0-120NW	2	14	11	54	.1	6	10	462	2.36	5	5	ND	6	30	.6	2	8	39	.23	.043	13	9	.42	113	.07	2	1.71	.03	.17	3
L0-080NW	2	12	15	62	.1	4	8	490	2.26	4	5	ND	5	25	.2	3	3	34	.22	.041	11	9	.48	117	.04	3	1.35	.03	.20	3
L0-040NW	1	15	19	83	.1	8	9	627	2.61	6	5	ND	6	23	.6	4	2	39	.22	.052	10	9	.49	147	.06	4	2.02	.02	.14	3
L0-840SW	2	12	19	68	.1	8	7	704	1.86	3	8	ND	4	28	.6	2	2	29	.27	.055	10	9	.31	200	.06	4	1.24	.03	.16	1
L0-800SW	1	11	13	80	.1	5	7	755	1.92	5	8	ND	3	27	.2	2	2	28	.24	.114	10	9	.31	269	.05	4	1.52	.03	.12	2
L0-760SW	2	14	19	89	.2	8	7	688	2.05	3	5	ND	5	26	.5	2	2	29	.23	.104	12	8	.37	301	.05	5	1.51	.03	.14	2
L0-720SW	2	18	63	216	.3	7	10	1218	2.69	3	12	ND	5	30	.9	2	3	31	.33	.156	13	9	.54	359	.05	5	1.90	.02	.15	2
L0-680SW	2	13	20	98	.1	9	6	789	1.87	9	5	ND	3	26	.2	2	2	27	.25	.057	8	9	.34	226	.05	2	1.34	.03	.12	1
L100-1000SW	1	13	13	84	.1	4	6	652	1.79	2	5	ND	4	29	.7	2	2	29	.25	.062	10	7	.28	173	.06	2	1.35	.03	.13	3
L100-960SW	2	14	14	92	.1	10	7	911	1.84	6	5	ND	3	33	.5	2	2	27	.26	.143	10	9	.30	348	.06	3	1.62	.03	.13	2
L100-920SW	2	14	9	93	.1	6	7	814	1.98	5	5	ND	4	31	.3	3	2	27	.24	.146	10	9	.34	362	.05	5	1.58	.04	.14	3
L100-880SW	1	17	22	68	.2	7	7	467	1.99	3	5	ND	5	27	1.0	3	2	32	.24	.084	11	9	.34	234	.06	2	1.69	.03	.12	1
L100-840SW	2	12	9	93	.1	10	7	931	1.95	3	5	ND	3	30	.2	2	2	28	.27	.089	10	9	.33	349	.06	4	1.75	.04	.14	2
L100-800SW	1	14	18	77	.1	6	7	769	2.03	5	6	ND	4	24	.8	2	2	28	.25	.092	7	8	.37	253	.04	2	1.45	.03	.13	1
L100-760SW	2	17	20	76	.1	8	9	1041	2.23	5	5	ND	5	31	.8	3	2	24	.27	.071	11	8	.43	326	.04	7	1.77	.03	.16	1
L100-720SW	1	13	9	102	.1	6	7	652	1.72	5	5	ND	3	33	.4	2	2	29	.30	.069	7	8	.34	197	.05	4	1.30	.03	.10	1
L100-680SW	1	19	29	103	.4	7	9	563	2.10	6	5	ND	6	29	1.0	2	2	30	.25	.055	11	8	.45	217	.04	3	1.44	.03	.16	2
L100-640SW	2	20	22	119	.1	9	6	527	1.95	5	5	ND	4	46	.8	2	2	27	.26	.043	11	9	.26	264	.06	5	1.77	.05	.15	1
L100-600SW	1	12	14	96	.1	5	6	896	1.72	2	5	ND	3	39	.3	2	2	25	.23	.111	8	9	.28	249	.04	3	1.33	.03	.12	1
L100-560SW	3	152	9	93	.7	9	7	922	1.46	2	5	ND	1	254	2.1	2	2	20	3.72	.057	15	8	.29	229	.04	9	1.12	.05	.11	1
L100-520SW	2	10	10	55	.2	8	5	544	1.58	2	5	ND	5	30	.3	2	2	25	.23	.074	11	7	.24	202	.04	4	1.17	.03	.10	1
L100-480SW	1	11	4	54	.1	5	7	514	1.85	7	5	ND	5	24	.6	2	2	31	.24	.046	6	7	.35	140	.04	3	.89	.04	.15	1
L100-440SW	1	12	10	60	.1	9	7	571	1.93	9	5	ND	4	29	.9	2	2	31	.23	.048	9	9	.32	197	.06	3	1.61	.03	.11	1
L100-400SW	1	8	16	66	.1	8	7	555	2.04	7	5	ND	10	31	1.1	2	2	27	.29	.063	32	9	.33	273	.05	4	1.69	.03	.22	2
L100-360SW	2	13	6	73	.1	11	8	692	2.08	7	9	ND	6	33	1.3	2	2	27	.27	.067	14	10	.39	422	.06	4	1.96	.04	.16	1
L100-320SW	2	11	13	86	.1	9	9	914	2.34	3	5	ND	4	34	.3	2	2	36	.31	.075	10	10	.52	280	.04	5	1.54	.03	.18	1
STANDARD C	20	59	44	140	7.1	73	32	1054	3.96	42	22	8	39	52	17.8	15	19	59	.46	.096	40	60	.90	183	.08	31	1.89	.06	.14	11

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
L100-280SW	2	10	4	152	.1	9	7	1931	2.32	2	5	ND	4	36	.2	3	2	40	.37	.199	7	12	.53	399	.08	4	1.72	.04	.12	1
L100-240SW	1	18	10	110	.4	7	7	1463	2.43	2	5	ND	7	26	.2	3	2	35	.35	.049	12	10	.50	253	.06	3	1.93	.02	.21	1
L100-200SW	1	14	10	57	.4	7	6	276	2.19	2	5	ND	6	45	.2	2	2	35	.35	.041	8	10	.42	125	.08	4	1.72	.03	.17	1
L100-160SW	1	21	11	116	.4	8	7	974	2.44	2	5	ND	6	51	.3	2	3	39	.40	.052	11	12	.51	207	.06	5	1.78	.02	.18	1
L100-120SW	2	15	11	77	.2	8	6	647	2.11	2	5	ND	5	34	.3	3	2	41	.30	.043	11	11	.39	177	.07	2	1.76	.03	.18	1
L100-080SW	1	18	8	117	.2	8	7	948	2.43	2	5	ND	7	65	.2	3	2	43	.46	.306	9	11	.51	222	.10	4	2.42	.02	.09	1
L100-040SW	1	9	3	83	.2	7	6	706	2.05	2	5	ND	6	42	.2	2	2	30	.33	.052	9	10	.40	172	.07	4	1.57	.03	.20	1
L200-1560SW	2	15	106	335	.3	7	6	2066	2.18	2	5	ND	4	43	.7	2	2	27	.42	.068	9	9	.51	464	.08	2	1.68	.03	.22	1
L200-1520SW	2	14	76	207	.1	7	6	1231	2.05	2	5	ND	3	31	.6	2	2	34	.31	.049	10	12	.41	238	.07	3	1.14	.03	.18	1
L200-1480SW	2	9	16	87	.1	8	5	894	1.77	2	5	ND	4	33	.2	2	2	28	.27	.043	10	10	.34	187	.05	3	1.08	.03	.16	1
L200-1440SW	2	7	16	91	.1	7	5	680	1.79	3	5	ND	4	26	.2	3	2	31	.23	.032	10	9	.31	132	.05	3	.97	.03	.17	1
L200-1400SW	4	26	20	189	.3	8	7	672	2.70	5	5	ND	5	28	.2	3	2	33	.37	.098	13	7	.60	130	.08	2	1.55	.03	.10	1
L200-1360SW	1	10	18	91	.1	7	6	801	1.92	2	5	ND	4	36	.2	3	2	30	.30	.079	11	9	.32	217	.05	3	1.33	.03	.18	1
L200-1320SW	1	38	17	188	.4	9	15	1783	4.72	9	5	ND	8	46	.5	3	2	82	.59	.124	11	11	1.36	168	.14	2	2.73	.02	.17	1
L200-1280SW	1	41	18	173	.4	8	11	1045	3.62	5	5	ND	7	63	.3	4	4	48	.54	.114	15	9	.71	201	.11	2	2.88	.02	.17	1
L200-1240SW	1	9	21	148	.2	6	4	1776	1.33	2	5	ND	12	61	.2	2	2	14	.44	.064	33	8	.22	275	.03	2	1.05	.02	.18	1
L200-1200SW	2	5	16	82	.2	6	5	1051	1.72	2	5	ND	6	29	.2	2	2	27	.22	.030	12	9	.27	230	.05	2	1.06	.03	.18	1
L200-1160SW	2	7	28	161	.1	8	5	1183	1.71	2	5	ND	9	45	.7	2	2	23	.34	.056	52	9	.27	234	.04	5	1.33	.02	.18	1
L200-1120SW	2	8	9	87	.2	7	7	1083	1.95	2	5	ND	6	26	.2	2	2	35	.23	.036	11	10	.33	218	.06	2	.98	.03	.20	1
L200-1080SW	2	6	13	51	.2	6	5	647	1.76	2	5	ND	5	27	.2	2	2	29	.24	.036	8	9	.29	173	.05	2	1.02	.03	.17	1
L200-1040SW	2	7	12	58	.1	6	5	607	1.82	5	5	ND	4	25	.2	2	2	27	.22	.053	9	9	.29	255	.05	2	1.19	.03	.14	1
L200-1000SW	1	14	15	51	.2	6	6	342	1.96	2	5	ND	6	24	.2	2	2	33	.21	.048	13	8	.33	145	.06	2	1.22	.03	.17	1
L200-640SW	2	20	17	74	.1	7	7	528	2.18	2	5	ND	5	39	.2	2	2	31	.26	.043	14	10	.38	184	.06	3	1.53	.03	.18	1
L200-600SW	1	11	11	63	.1	6	5	554	1.83	3	5	ND	6	41	.2	2	2	26	.25	.078	13	9	.31	217	.04	2	1.36	.02	.14	1
L200-560SW	1	12	16	54	.1	7	5	325	1.83	2	5	ND	7	27	.2	2	3	30	.21	.031	19	9	.28	110	.05	2	1.22	.03	.11	1
L200-520SW	1	4	8	55	.2	7	5	728	1.62	2	5	ND	6	37	.2	2	2	22	.31	.064	17	8	.27	293	.04	2	1.30	.03	.18	1
L200-480SW	1	5	9	50	.2	5	6	611	1.86	6	5	ND	5	26	.2	3	2	25	.20	.047	11	7	.39	248	.04	2	1.33	.03	.19	1
L200-440SW	1	49	9	56	.4	7	6	692	2.01	2	5	ND	5	195	.2	2	2	22	2.49	.041	18	8	.44	388	.02	5	1.51	.02	.19	1
L200-400SW	1	11	6	65	.1	7	10	649	2.76	2	5	ND	8	30	.2	2	2	38	.26	.055	13	8	.67	183	.02	2	1.55	.02	.27	1
L200-360SW	1	13	11	73	.4	8	6	721	2.01	3	7	ND	4	28	.2	2	2	33	.25	.048	9	11	.38	179	.04	2	1.23	.03	.16	1
L200-320SW	1	15	12	67	.2	6	6	459	2.08	2	5	ND	6	22	.2	2	2	36	.23	.049	7	9	.44	112	.04	2	1.05	.02	.12	1
L200-280SW	2	15	56	77	.3	7	8	490	2.45	11	8	ND	8	23	.2	2	2	41	.24	.055	13	10	.45	165	.05	2	1.55	.03	.21	1
L200-240SW	2	12	18	112	.2	7	6	874	1.99	2	5	ND	6	30	.2	2	2	30	.27	.084	11	9	.35	219	.06	2	1.61	.03	.17	1
L200-200SW	2	43	12	124	.5	7	6	623	1.89	2	11	ND	6	60	.3	2	2	29	.61	.036	13	9	.37	135	.05	4	1.33	.03	.15	1
L200-160SW	2	10	12	53	.2	7	5	313	2.12	2	5	ND	4	38	.2	2	2	38	.32	.032	9	12	.38	100	.05	3	1.08	.03	.14	1
L200-120SW	1	11	12	74	.3	6	6	357	1.96	3	5	ND	6	30	.2	2	2	35	.25	.029	10	9	.35	100	.05	4	1.14	.03	.16	1
STANDARD C	19	59	38	133	7.2	73	31	1053	3.93	39	22	7	39	52	19.0	15	22	60	.46	.098	40	60	.90	177	.07	34	1.90	.06	.13	11

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
L200-080SW	1	10	12	122	.2	7	8	1081	2.96	2	7	ND	6	45	.2	2	2	50	.49	.090	11	9	.87	171	.07	4	1.70	.03	.16	1
L200-040SW	1	17	9	69	.2	7	6	506	2.26	2	5	ND	6	28	.2	2	2	39	.25	.046	11	10	.54	143	.06	7	1.34	.04	.18	1
L200-000SW	2	13	9	150	.1	8	6	1478	2.12	2	5	ND	7	36	.5	2	2	34	.33	.064	8	10	.39	202	.06	8	1.44	.04	.18	1
L300-1480SW	1	17	16	143	.1	9	6	846	2.28	3	5	ND	7	131	.2	3	2	39	.38	.063	14	11	.52	264	.07	5	1.57	.04	.17	1
L300-1440SW	2	34	335	377	.6	5	5	1044	2.83	4	5	ND	4	45	.6	3	2	20	.42	.074	7	5	.62	435	.09	8	1.49	.03	.22	2
L300-1360SW	3	17	34	170	.1	10	7	854	2.83	4	5	ND	4	39	.7	4	2	39	.37	.081	12	11	.66	228	.10	11	2.14	.04	.22	1
L300-1320SW	2	13	23	183	.1	10	7	1185	2.36	2	5	ND	6	38	.5	2	2	32	.34	.142	10	12	.54	416	.05	14	1.77	.04	.19	1
L300-1280SW	1	12	21	83	.1	7	8	779	2.57	2	5	ND	7	28	.2	2	2	32	.29	.059	11	7	.73	376	.03	5	1.79	.03	.27	1
L300-1240SW	2	17	24	110	.2	9	8	722	2.61	2	6	ND	8	39	.2	2	2	35	.38	.064	14	8	.75	532	.03	4	1.71	.03	.22	1
L300-1200SW	1	11	13	48	.1	6	5	397	1.78	2	5	ND	4	24	.2	2	2	29	.21	.034	8	8	.39	179	.05	3	1.07	.03	.14	1
L300-1160SW	3	15	16	84	.2	8	7	888	2.55	2	5	ND	6	33	.5	2	2	32	.38	.052	10	11	.58	259	.06	3	1.64	.03	.19	1
L300-1120SW	1	18	15	59	.3	8	6	529	2.37	4	7	ND	6	30	.4	2	2	37	.31	.037	13	9	.49	193	.07	4	1.87	.03	.17	1
L300-1080SW	2	13	12	70	.2	8	6	537	2.24	4	7	ND	6	26	.2	2	2	35	.27	.039	11	10	.49	150	.06	4	1.45	.04	.17	1
L300-1040SW	2	17	12	58	.3	8	7	411	2.33	4	6	ND	6	30	.2	2	2	37	.31	.058	12	11	.56	128	.06	4	1.59	.04	.17	1
L300-1000SW	1	15	17	89	.2	8	8	1196	2.64	8	6	ND	4	35	.9	3	2	37	.46	.080	15	11	.56	301	.07	4	2.28	.02	.19	1
L300-600SW	1	13	11	98	.1	8	6	759	2.07	5	5	ND	6	22	.4	2	2	33	.23	.081	12	10	.38	228	.05	3	1.46	.03	.14	1
L300-560SW	1	12	14	125	.1	9	6	463	1.98	2	5	ND	5	28	.5	2	2	33	.24	.047	12	11	.46	193	.06	4	1.63	.04	.11	1
L300-520SW	1	8	6	68	.1	7	7	799	2.25	2	7	ND	7	29	.3	2	2	30	.26	.086	13	8	.62	291	.04	3	1.79	.03	.16	1
L300-480SW	1	7	11	35	.1	4	5	593	1.56	2	5	ND	5	30	.2	2	2	25	.21	.043	9	6	.37	164	.04	2	.85	.02	.12	1
L300-440SW	1	13	41	92	.2	7	6	875	2.10	2	5	ND	6	34	.5	2	2	31	.25	.049	10	9	.45	189	.04	3	1.29	.03	.19	1
L300-400SW	1	14	24	78	.3	7	7	821	2.37	2	7	ND	6	33	.2	2	2	37	.29	.091	8	9	.61	194	.04	4	1.18	.03	.19	1
L300-360SW	1	14	19	61	.4	7	7	545	2.22	2	4	ND	6	35	.4	2	2	35	.28	.053	8	10	.62	128	.05	5	1.35	.04	.17	1
L300-320SW	2	14	11	91	.3	8	7	1071	2.45	6	8	ND	7	26	.3	2	2	34	.27	.055	12	10	.51	175	.04	4	1.45	.03	.19	1
L300-280SW	2	11	16	60	.2	8	7	840	2.20	2	7	ND	6	24	.4	2	2	36	.24	.039	8	10	.42	155	.05	4	1.24	.03	.18	1
L300-240SW	2	12	15	94	.1	10	7	1093	2.31	4	5	ND	6	27	.6	2	2	36	.26	.075	9	11	.49	232	.06	3	1.80	.04	.14	1
L300-200SW	1	16	11	93	.1	9	7	680	2.55	3	6	ND	6	26	.4	2	2	42	.30	.063	9	11	.71	154	.06	4	1.67	.04	.16	1
L300-160SW	1	13	13	62	.1	8	6	452	2.09	2	5	ND	5	34	.3	2	2	36	.33	.049	10	10	.60	112	.06	3	1.32	.03	.16	1
L300-120SW	1	14	9	51	.1	8	7	574	2.25	2	5	ND	6	36	.5	2	2	38	.32	.043	10	12	.63	163	.07	5	1.49	.04	.18	1
L300-080SW	2	23	11	91	.2	11	8	878	2.64	5	12	ND	6	64	.2	3	2	44	.44	.141	13	13	.68	175	.08	3	2.15	.04	.12	1
L300-040SW	2	31	16	170	.1	12	6	1644	2.08	9	7	ND	7	56	.8	4	2	31	.45	.222	15	13	.25	309	.10	6	2.07	.04	.17	1
L300-000SW	3	16	12	123	.1	17	6	1513	1.94	5	6	ND	4	42	.7	3	2	28	.34	.188	13	14	.26	302	.11	5	2.42	.05	.12	1
L400-1480SW	2	14	9	124	.1	10	6	354	2.29	7	6	ND	6	32	.2	2	2	41	.32	.049	11	13	.58	71	.09	2	1.47	.03	.13	1
L400-1440SW	2	18	20	118	.2	11	7	758	2.60	7	6	ND	6	38	.7	2	2	41	.36	.058	12	16	.65	205	.10	4	2.04	.04	.16	1
L400-1400SW	1	63	52	266	.5	12	15	1856	4.67	11	6	ND	8	65	1.8	6	2	96	.66	.174	12	20	1.59	275	.12	7	2.89	.03	.21	1
L400-1360SW	1	18	20	139	.2	8	7	640	2.24	4	6	ND	6	29	.8	2	2	35	.25	.048	13	11	.48	180	.06	3	1.58	.03	.16	1
L400-1300SW	1	19	14	84	.1	7	6	657	2.27	9	5	ND	6	37	.7	2	2	36	.41	.059	13	10	.54	190	.06	4	1.86	.03	.13	1
STANDARD C	18	63	40	129	7.0	73	31	1057	3.97	42	21	7	39	52	18.5	15	21	61	.45	.094	40	59	.96	183	.08	36	1.89	.06	.13	12

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
L400-1280SW	2	14	22	82	.2	8	7	617	2.44	6	5	ND	6	28	.2	3	2	33	.28	.039	13	11	.49	281	.07	7	2.06	.03	.16	1
L400-1240SW	2	12	17	82	.1	7	6	568	1.91	3	5	ND	3	27	.3	3	2	26	.25	.038	8	9	.32	226	.05	8	1.33	.04	.13	1
L400-1200SW	1	13	16	70	.2	6	6	513	2.04	3	5	ND	4	25	.2	2	2	29	.24	.041	10	9	.37	238	.05	7	1.25	.04	.15	1
L400-1160SW	1	27	74	114	.3	9	9	1359	2.71	12	5	ND	3	49	.6	5	2	37	.48	.139	10	11	.52	299	.06	8	2.63	.02	.14	1
L400-1120SW	2	18	56	203	.1	8	8	1156	2.69	9	5	ND	6	28	.7	3	2	32	.30	.083	14	11	.48	423	.05	8	2.09	.02	.20	2
L400-1080SW	2	13	37	182	.1	10	8	995	2.74	3	5	ND	7	31	.4	3	2	31	.29	.049	12	12	.59	306	.05	10	2.16	.03	.22	1
L400-1040SW	1	16	51	158	.3	8	8	1194	2.68	10	5	ND	7	38	1.0	4	2	34	.41	.071	14	11	.49	321	.07	10	2.39	.02	.20	1
L400-1000SW	5	36	39	188	.3	10	9	1467	2.76	7	5	ND	2	33	.7	5	2	32	.36	.124	8	11	.35	278	.05	6	2.18	.02	.20	1
L500-1480SW	3	29	41	170	.1	7	10	1157	3.38	9	5	ND	8	43	.7	2	3	19	.52	.076	13	10	.81	252	.12	9	1.97	.02	.31	1
L500-1440SW	1	14	23	147	.1	5	5	586	2.19	2	5	ND	5	28	.5	[illegible]	2	33	.27	.052	11	11	.46	202	.07	5	1.61	.03	.13	1
L500-1400SW	2	19	35	506	.1	7	7	815	2.41	9	5	ND	4	29	[illegible]	3	2	33	.23	.058	12	10	.47	220	.06	9	1.76	.03	.17	1
L500-1360SW	1	13	31	331	.2	7	7	583	2.26	4	5	ND	7	[illegible]	[illegible]	[illegible]	[illegible]	31	.28	.048	11	[illegible]	.43	226	.06	7	1.77	.03	.16	1
L500-1320SW	3	15	32	550	.2	8	[illegible]	875	2.45	[illegible]	[illegible]	ND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.27	.053	12	[illegible]	.43	288	.06	8	1.84	.03	.18	1
L500-1280SW	1	22	41	205	.1	8	7	511	2.47	[illegible]	[illegible]	ND	[illegible]	30	.5	[illegible]	2	[illegible]	.25	.050	16	9	.48	243	.06	6	1.78	.03	.18	1
L500-1240SW	1	34	134	763	.2	7	9	818	2.88	[illegible]	[illegible]	ND	[illegible]	33	.8	3	2	26	.32	.050	13	10	.72	428	.02	9	1.99	.02	.30	1
L500-1200SW	2	22	107	125	.1	8	3	582	2.50	6	[illegible]	ND	7	26	.2	[illegible]	2	34	.26	.045	13	13	.49	206	.06	8	1.79	.03	.22	1
L500-1160SW	2	24	40	137	.1	8	[illegible]	792	2.35	5	[illegible]	ND	6	30	.2	[illegible]	2	31	.27	.053	14	11	.45	241	.06	7	1.91	.02	.18	1
L500-1120SW	3	19	67	189	.2	8	8	860	2.64	6	5	ND	7	31	.5	2	2	29	.27	.054	15	10	.50	312	.06	8	2.23	.03	.23	1
L500-1080SW	2	17	131	230	.3	8	9	1019	2.78	8	6	ND	8	26	.6	3	2	31	.24	.056	14	9	.52	310	.06	6	2.20	.02	.17	1
L500-1040SW	3	32	88	183	.4	8	13	1557	3.85	13	5	ND	9	30	.5	3	2	35	.41	.091	16	9	.78	331	.01	9	1.98	.02	.22	1
L500-1000SW	2	30	36	173	.2	8	11	2357	3.03	11	5	ND	5	56	.7	3	2	34	.65	.112	10	9	.54	613	.03	10	2.01	.02	.25	1
L600-1360SW	2	14	17	220	.1	8	5	540	1.92	4	5	ND	7	25	.9	2	2	30	.26	.038	14	10	.33	147	.06	6	1.31	.04	.15	1
L600-1320SW	2	31	84	476	.3	9	9	1091	2.83	15	5	ND	7	30	1.0	3	2	37	.30	.045	13	11	.58	229	.06	13	1.99	.03	.18	1
L600-1280SW	2	17	21	211	.1	7	7	840	2.15	4	5	ND	5	35	.3	2	2	29	.32	.068	11	8	.41	238	.05	10	1.51	.04	.15	1
L600-1240SW	1	16	18	179	.1	7	8	843	2.28	5	5	ND	7	24	.5	2	2	29	.27	.057	14	9	.44	207	.04	7	1.46	.03	.20	1
L600-1200SW	2	26	33	323	.1	8	9	1265	2.82	10	5	ND	7	25	1.0	2	2	32	.33	.056	15	9	.60	317	.05	8	2.06	.02	.25	1
L600-1160SW	2	22	29	98	.2	8	8	1012	2.82	12	8	ND	7	24	.5	3	2	36	.29	.044	19	11	.47	284	.08	5	2.72	.02	.20	1
L600-1140SW	1	16	15	211	.1	8	7	707	2.43	5	5	ND	9	31	.6	2	2	37	.30	.056	15	10	.50	233	.07	13	1.70	.03	.21	1
L600-1120SW	2	28	22	132	.1	9	11	1763	3.36	11	5	ND	6	38	.5	2	2	45	.57	.097	11	12	.72	436	.06	17	1.79	.03	.17	1
L600-1080SW	2	22	18	136	.1	9	9	1254	2.76	15	5	ND	5	27	.3	2	2	36	.35	.106	13	11	.56	368	.05	6	2.46	.02	.15	1
L600-1040SW	4	24	22	89	.1	10	13	826	3.64	11	5	ND	9	73	.3	2	2	41	.35	.019	14	12	.60	390	.04	10	2.73	.03	.21	1
L600-1000SW	1	12	21	85	.1	7	7	653	2.25	8	5	ND	6	25	.4	2	2	29	.22	.041	18	8	.44	316	.04	10	1.57	.03	.21	1
L700-1440SW	1	24	71	177	.3	6	10	1386	3.35	13	5	ND	7	64	1.0	2	2	56	.85	.100	12	10	.84	284	.07	9	1.78	.03	.22	1
L700-1400SW	1	11	9	116	.1	7	5	713	1.81	3	5	ND	7	27	.4	2	2	29	.28	.047	10	8	.34	143	.07	4	1.12	.04	.14	1
L700-1360SW	2	13	29	296	.1	7	6	713	2.05	5	5	ND	7	29	.3	2	2	28	.29	.069	13	9	.42	229	.05	6	1.50	.03	.17	1
L700-1320SW	1	15	45	236	.1	7	10	1266	2.95	14	5	ND	8	25	.6	2	2	38	.32	.062	14	9	.79	260	.04	10	1.99	.02	.23	1
STANDARD C	18	62	40	130	6.9	71	32	1047	3.94	44	22	7	39	53	18.4	14	22	56	.44	.094	37	57	.90	181	.07	37	1.89	.06	.13	12

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
L700-1280SW	1	21	26	376	.1	11	9	1533	2.73	[illegible]	[illegible]	ND	[illegible]	[illegible]	.2	[illegible]	[illegible]	[illegible]	.44	.077	[illegible]	14	[illegible]	351	.04	7	1.79	.02	.19	1
L700-1240SW	2	17	31	481	.3	7	7	1159	2.19	[illegible]	[illegible]	ND	[illegible]	[illegible]	.2	[illegible]	[illegible]	[illegible]	.56	.106	11	10	.53	316	.05	5	1.75	.02	.14	2
L700-1200SW	3	15	20	159	.1	7	7	718	2.09	[illegible]	[illegible]	ND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29	.27	.058	13	6	.52	220	.06	6	1.52	.02	.20	1
L700-1160SW	2	16	23	144	.2	7	7	550	2.16	[illegible]	5	ND	[illegible]	25	.2	2	2	36	.35	.041	[illegible]	9	.63	286	.03	4	1.45	.02	.22	1
L700-1120SW	2	22	31	364	.3	8	7	896	2.48	2	5	ND	[illegible]	34	.5	3	2	30	.28	.046	13	9	.61	257	.03	7	1.50	.02	.22	1
L700-1080SW	2	16	22	96	.2	7	6	900	2.02	3	5	ND	6	32	.4	3	2	28	.28	.058	11	8	.33	274	.05	6	1.60	.02	.16	1
L700-1040SW	2	14	12	69	.1	7	6	689	1.82	3	5	ND	6	41	.4	2	2	24	.25	.051	12	11	.40	289	.04	6	1.50	.03	.17	1
L800-1400SW	2	23	16	75	.1	8	6	455	2.11	2	5	ND	7	30	.2	3	2	33	.25	.047	14	8	.56	181	.07	6	1.60	.03	.20	1
L800-1360SW	3	18	28	163	.2	6	6	1274	2.67	4	5	ND	8	37	.1	3	2	38	.33	.097	12	9	.70	254	.05	8	2.21	.02	.18	1
L800-1320SW	2	17	41	123	.1	8	7	822	2.34	5	5	ND	6	30	.2	2	2	54	.27	.041	15	10	.54	274	.07	7	2.01	.03	.20	1
L800-1280SW	2	18	56	271	.1	9	8	1191	2.58	5	5	ND	6	31	.5	4	2	36	.32	.072	14	10	.60	306	.05	7	2.16	.02	.20	2
L800-1240SW	2	10	20	77	.1	8	6	555	1.98	6	5	ND	5	23	.2	3	2	30	.20	.029	8	10	.49	167	.05	6	1.45	.03	.14	1
L800-1200SW	2	13	58	126	.1	8	7	785	2.29	2	5	ND	7	40	.4	3	2	52	.29	.044	12	9	.49	137	.07	7	2.00	.02	.17	1
L800-1160SW	2	11	56	95	.1	7	8	933	2.31	6	5	ND	7	34	.2	2	2	29	.24	.042	11	9	.59	270	.04	6	1.67	.02	.22	2
L800-1120SW	1	18	19	85	.2	10	7	572	2.27	9	5	ND	[illegible]	35	.4	3	2	34	[illegible]	.077	9	14	.62	216	.07	8	1.91	.02	.18	2
L800-1080SW	1	15	17	85	.3	7	7	[illegible]	2.11	4	5	ND	[illegible]	34	[illegible]	[illegible]	[illegible]	31	.33	[illegible]	11	[illegible]	[illegible]	263	.04	7	1.41	.02	.18	1
L800-1040SW	2	35	61	231	.2	9	10	1354	3.07	2	5	ND	[illegible]	[illegible]	[illegible]	[illegible]	2	33	.36	.080	14	6	.22	405	.03	9	2.08	.02	.26	1
L800-1000SW	1	18	18	81	.1	8	7	873	2.54	[illegible]	5	ND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	[illegible]	.053	14	10	.59	[illegible]	.05	5	2.07	.02	.19	2
L900-1400SW	[illegible]	11	32	121	.3	7	7	1526	2.24	4	5	ND	[illegible]	[illegible]	.2	[illegible]	[illegible]	36	.22	.075	19	9	.46	1238	.01	5	1.39	.02	.21	1
L900-1360SW	[illegible]	17	20	183	.1	6	8	2644	2.51	[illegible]	[illegible]	ND	[illegible]	34	[illegible]	[illegible]	[illegible]	39	.40	.109	8	9	.48	553	.07	7	1.79	.02	.15	2
L900-1320SW	2	12	17	95	.1	9	7	1176	2.32	6	5	ND	5	26	[illegible]	[illegible]	2	46	.26	.058	12	11	.49	301	.06	7	1.95	.03	.18	2
L900-1280SW	2	11	23	119	.1	8	7	1389	2.17	5	5	ND	6	31	.4	[illegible]	2	51	.21	.056	9	7	.40	305	.06	6	1.68	.02	.17	1
L900-1240SW	3	11	15	92	.1	2	7	1230	2.16	[illegible]	[illegible]	ND	5	35	.5	3	2	51	[illegible]	.051	[illegible]	[illegible]	.45	286	.06	5	1.70	.03	.18	1
L900-1200SW	2	18	14	147	.2	10	9	1420	2.72	6	5	ND	5	20	.6	3	2	43	.28	.139	7	11	.37	296	.06	8	2.00	.02	.15	1
L900-1160SW	1	15	14	82	.1	8	7	1000	2.20	6	5	ND	6	43	.2	[illegible]	[illegible]	39	.31	.063	9	6	.50	212	.05	7	1.45	.03	.16	1
L900-1120SW	2	31	19	115	.1	8	9	1749	2.50	9	5	ND	6	72	.5	4	2	36	.41	.079	8	8	.67	350	.06	7	2.01	.02	.20	1
L900-1080SW	1	19	13	93	.1	7	9	1695	2.62	12	5	ND	8	40	.4	3	2	28	.43	.080	10	8	.67	268	.03	7	1.63	.02	.22	1
L900-1040SW	2	19	23	75	.1	7	8	1378	2.32	6	5	ND	[illegible]	38	.3	3	2	37	.50	.061	11	9	.56	299	.05	6	1.62	.02	.21	1
L900-1000SW	2	25	23	94	.1	7	8	1288	2.44	11	5	ND	5	29	.2	3	2	30	.31	.044	13	9	.52	310	.03	6	1.71	.02	.25	1
L1000-1400SW	1	43	32	111	.4	7	11	937	3.63	11	5	ND	8	63	[illegible]	4	2	43	.45	.061	12	9	1.74	580	.02	7	2.81	.02	.26	2
L1000-1360SW	2	10	11	72	.1	8	5	631	1.86	7	[illegible]	ND	[illegible]	23	[illegible]	3	[illegible]	29	.26	.048	7	[illegible]	.45	179	.06	2	1.38	.03	.16	1
L1000-1320SW	1	13	20	94	.1	8	6	624	1.95	7	5	ND	7	37	.2	2	2	33	.27	.057	[illegible]	7	.50	187	.07	7	1.34	.03	.19	1
L1000-1280SW	3	10	10	73	.1	7	6	1098	1.92	5	5	ND	4	32	[illegible]	3	2	28	.25	.043	5	7	.44	228	.04	6	1.30	.03	.15	1
L1000-1240SW	3	16	10	99	.1	22	10	1437	2.62	9	5	ND	7	33	.2	4	[illegible]	42	.33	.066	13	53	.87	283	.05	6	2.03	.02	.24	1
L1000-1200SW	1	31	15	95	.2	58	15	1025	3.68	16	5	ND	6	59	.2	3	2	67	.46	.058	19	69	1.93	212	.08	2	3.38	.02	.19	2
L1000-1120SW	2	25	14	94	.2	10	14	954	2.71	2	5	ND	7	10	.2	4	2	44	.33	.059	12	17	.98	265	.09	5	1.95	.02	.27	1
STANDARD C	19	63	42	133	7.4	73	32	1056	3.98	41	20	7	39	52	18.4	16	20	59	.45	.098	38	60	.96	182	.07	40	1.89	.06	.13	13

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Sookochoff Consultants Inc. PROJECT BEAVERDELL File # 90-5169 Page 1

602 - 510 W. Hastings St., Vancouver BC V6B 1L8

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L6+50 240NE	1	9	5	80	.2	7	5	258	1.85	2	5	ND	6	28	.3	2	2	31	.17	.104	10	9	.23	186	.06	3	1.59	.02	.10	1	1
L6+50 280NE	1	4	3	29	.1	4	3	169	1.60	2	5	ND	5	22	.2	2	2	32	.15	.019	10	8	.19	78	.06	2	.68	.02	.09	1	1
L6+50 320NE	1	5	2	85	.1	6	4	446	1.77	2	5	ND	6	28	.2	2	2	29	.22	.044	10	10	.24	173	.07	4	1.29	.02	.19	1	5
L6+50 360NE	1	7	5	94	.1	6	4	491	1.67	2	5	ND	5	34	.5	3	2	26	.26	.103	9	7	.23	339	.06	4	1.73	.03	.13	1	1
L6+50 400NE	1	14	2	42	.1	6	7	264	2.61	2	5	ND	9	25	.2	2	2	51	.23	.025	16	12	.40	95	.07	2	1.32	.02	.15	1	1
L6+50 440NE	1	5	3	75	.1	6	5	457	2.33	2	5	ND	6	23	.2	2	2	42	.22	.031	9	9	.31	154	.06	5	1.32	.02	.21	1	1
L6+50 480NE	1	7	2	108	.1	6	5	348	2.27	2	5	ND	6	26	.4	2	2	38	.20	.035	10	10	.31	206	.07	7	1.69	.02	.14	1	1
L6+50 520NE	2	36	6	166	.2	7	7	1008	2.61	4	6	ND	8	42	.8	2	2	35	.41	.061	17	12	.41	311	.06	2	2.39	.02	.19	1	1
L6+50 560NE	1	39	4	72	.2	7	6	555	1.92	2	5	ND	7	55	.8	2	2	30	.49	.051	18	10	.38	312	.08	4	2.04	.03	.10	1	1
L6+50 600NE	1	16	2	76	.2	7	8	959	2.88	3	7	ND	13	40	.5	2	2	40	.50	.056	30	10	.49	340	.03	10	2.19	.02	.20	1	1
L5+50 240NE	1	4	7	46	.2	4	4	327	1.71	3	5	ND	3	25	.3	2	2	34	.21	.017	8	9	.21	91	.07	5	.77	.02	.13	1	2
L5+50 280NE	1	5	2	53	.1	4	3	137	1.58	5	5	ND	5	28	.2	2	2	28	.21	.028	9	8	.18	73	.07	5	.87	.02	.10	1	1
L5+50 320NE	1	8	4	108	.2	7	4	222	1.63	2	5	ND	4	38	.3	2	2	25	.24	.095	8	8	.22	187	.07	10	1.65	.03	.12	1	1
L5+50 360NE	1	11	3	116	.1	6	6	762	2.18	2	5	ND	6	38	.3	4	2	33	.35	.064	12	9	.34	354	.07	8	1.83	.03	.30	1	1
L5+50 400NE	1	4	4	70	.1	5	5	262	1.85	2	5	ND	5	25	.3	2	2	33	.22	.020	7	10	.33	115	.07	5	1.17	.02	.15	1	1
L5+50 440NE	2	12	5	253	.2	9	6	614	2.29	7	5	ND	11	33	.8	3	2	36	.29	.189	11	13	.32	327	.06	3	2.13	.02	.12	1	1
L5+50 480NE	1	19	10	134	.1	8	7	697	2.68	6	5	ND	8	31	.6	4	2	45	.29	.055	21	11	.33	184	.08	3	2.74	.02	.11	1	3
L5+50 520NE	1	31	8	163	.3	7	7	598	2.59	3	5	ND	7	55	.9	2	2	34	.63	.028	20	11	.44	305	.06	3	2.62	.03	.13	1	5
L5+50 560NE	1	19	2	166	.3	9	9	1090	3.04	6	5	ND	8	34	.7	2	2	39	.48	.080	23	11	.57	460	.05	2	2.54	.02	.29	1	2
L5+50 600NE	1	15	3	71	.2	8	8	462	2.63	3	5	ND	9	31	.3	3	2	37	.30	.039	18	12	.42	400	.06	2	2.06	.02	.23	1	1
L4+50 240NE	1	5	9	42	.1	4	4	197	1.70	4	5	ND	5	23	.2	2	2	32	.21	.026	10	9	.19	69	.07	3	.86	.02	.13	2	2
L4+50 280NE	1	4	6	82	.1	6	4	270	1.75	4	5	ND	4	27	.2	2	2	30	.20	.049	8	9	.20	146	.07	2	1.40	.02	.10	1	1
L4+50 360NE	1	10	6	72	.1	6	7	399	2.57	2	5	ND	7	25	.4	2	2	47	.24	.029	12	10	.39	217	.06	6	1.41	.01	.14	1	4
L4+50 400NE	1	16	8	101	.3	6	7	441	2.63	4	5	ND	6	22	.3	2	2	47	.19	.058	7	10	.38	165	.06	2	1.64	.01	.11	1	3
L4+50 440NE	1	17	6	99	.2	8	7	526	2.61	4	5	ND	8	29	.5	3	2	43	.25	.102	13	11	.34	194	.09	2	2.55	.02	.12	1	6
L4+50 480NE	1	17	11	151	.1	6	6	2247	1.93	6	5	ND	5	53	1.0	2	2	31	.57	.082	8	8	.28	459	.06	4	1.63	.01	.15	1	3
L4+50 560NE	1	58	3	129	.6	7	9	882	2.60	7	5	ND	8	55	.8	2	2	41	.66	.042	13	10	.57	249	.06	3	1.83	.02	.12	1	2
L4+50 600NE	1	17	2	65	.2	5	5	461	1.94	6	5	ND	6	35	.4	2	2	27	.27	.078	9	8	.28	275	.06	3	1.74	.02	.14	2	4
L300 1040SW	1	31	11	341	.1	7	6	5141	1.64	9	5	ND	2	80	1.4	2	2	25	1.00	.198	9	8	.28	1336	.07	5	1.69	.02	.12	1	1
L300 1000SW	1	14	17	111	.2	8	7	787	2.55	6	5	ND	6	30	.5	4	2	37	.45	.093	17	10	.32	279	.06	4	2.50	.02	.10	1	1
L300 960SW	1	37	34	213	.4	10	14	1583	3.87	8	5	ND	8	59	.8	3	2	36	.59	.301	18	9	.39	858	.07	4	2.56	.02	.14	2	2
L300 920SW	1	13	37	121	.1	8	7	334	2.60	3	5	ND	7	27	.2	2	2	37	.23	.030	15	10	.32	281	.09	2	2.30	.02	.14	2	1
L300 880SW	1	11	9	97	.3	7	6	427	2.18	2	5	ND	6	29	.2	3	2	32	.32	.057	12	9	.28	291	.07	4	2.11	.02	.16	1	1
L300 840SW	1	24	13	125	.2	9	10	1024	2.63	8	5	ND	6	36	.4	3	2	42	.42	.111	14	11	.34	294	.08	2	2.76	.01	.13	2	1
L300 800SW	2	16	12	97	.3	8	9	999	2.88	7	5	ND	6	39	.5	2	2	34	.45	.058	13	11	.33	283	.08	3	2.45	.02	.21	2	2
L300 760SW	1	7	20	226	.2	5	4	239	1.72	4	5	ND	5	28	.8	2	2	23	.24	.042	9	6	.21	205	.06	2	1.58	.02	.13	1	2
STANDARD C/AU-S	18	57	38	131	6.8	72	31	1053	3.99	43	19	8	40	52	18.6	14	22	60	.46	.098	38	56	.89	182	.07	34	1.89	.06	.14	11	52

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

DATE RECEIVED: OCT 9 1990 **DATE REPORT MAILED:** Oct 12/90. **SIGNED BY**..........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L300 720SW	1	10	14	84	.2	5	5	465	1.87	5	6	ND	5	24	.3	2	2	26	.22	.024	12	5	.24	246	.05	2	1.29	.02	.16	1	1
L300 680SW	1	11	11	58	.3	3	6	429	2.07	3	5	ND	6	26	.4	2	5	33	.20	.035	11	6	.22	219	.05	6	1.23	.01	.16	2	2
L300 640SW	1	9	15	113	.4	5	5	437	2.03	3	8	ND	5	23	.2	2	5	33	.19	.033	13	8	.24	202	.06	4	1.31	.01	.12	2	1
L400 1000SW	1	14	43	115	.2	7	8	987	2.54	2	5	ND	5	32	.7	2	4	37	.35	.072	14	10	.34	301	.09	2	2.76	.01	.12	1	1
L400 960SW	1	21	26	234	.4	7	9	2132	2.34	7	7	ND	3	43	1.1	3	2	30	.60	.437	11	10	.31	526	.09	4	2.96	.01	.09	1	1
L400 920SW	1	59	62	189	.3	12	17	1188	4.44	9	5	ND	8	65	1.1	2	2	24	.63	.158	17	6	.36	756	.05	7	2.18	.02	.20	1	3
L400 880SW	1	13	23	106	.1	4	5	471	1.92	2	5	ND	4	28	.4	2	2	23	.21	.027	13	6	.25	292	.06	2	1.60	.01	.12	1	1
L400 840SW	1	14	42	191	.3	7	7	623	2.22	2	5	ND	5	28	1.0	2	2	28	.33	.065	12	7	.28	236	.06	5	1.84	.01	.14	2	3
L400 800SW	1	29	62	227	.2	7	13	1497	2.16	3	5	ND	3	54	.7	2	3	26	.58	.094	13	6	.26	409	.05	5	1.61	.01	.12	1	3
L400 760SW	1	8	18	90	.2	7	6	358	1.91	2	5	ND	4	26	.6	2	2	27	.19	.028	10	7	.24	188	.06	7	1.47	.02	.13	1	1
L400 720SW	1	11	12	141	.1	6	4	503	1.68	3	5	ND	3	38	.6	2	6	23	.23	.064	10	5	.22	330	.05	5	1.72	.02	.13	1	2
L400 680SW	1	11	43	322	.3	8	7	762	2.25	8	5	ND	5	40	1.0	2	3	30	.32	.036	16	7	.32	339	.07	4	2.14	.01	.17	1	3
L400 640SW	1	13	25	126	.1	4	6	380	2.20	5	5	ND	4	31	.7	2	4	31	.26	.037	14	7	.29	269	.07	4	1.97	.01	.16	1	1
L400 600SW	1	25	12	122	.1	7	7	542	2.17	5	5	ND	7	46	.7	2	2	30	.32	.042	18	7	.30	235	.07	8	1.99	.02	.15	1	1
L400 560SW	1	17	21	101	.1	8	8	622	2.55	4	5	ND	5	30	.6	2	2	38	.24	.035	18	8	.37	300	.07	2	2.17	.01	.15	1	1
L400 520SW	1	16	31	167	.2	8	9	1182	2.41	7	5	ND	4	38	.9	2	2	31	.37	.055	17	8	.33	487	.08	4	2.77	.02	.21	1	2
L400 480SW	2	19	68	226	.3	8	6	874	2.36	4	5	ND	11	53	1.2	2	5	27	.52	.087	110	8	.24	439	.05	5	1.78	.01	.20	1	3
L400 400SW	1	14	25	123	.1	5	5	869	1.92	2	5	ND	3	29	.4	2	3	27	.21	.089	16	6	.26	308	.06	2	1.93	.02	.13	1	2
L400 360SW	1	21	28	85	.1	7	7	307	2.22	8	5	ND	5	28	.6	2	2	35	.20	.051	16	8	.28	293	.08	4	1.94	.02	.15	1	12
L400 320SW	1	15	41	131	.2	9	7	326	2.47	5	5	ND	5	37	.9	2	6	37	.26	.075	12	8	.36	376	.07	6	2.17	.02	.18	1	5
L400 280SW	1	18	19	151	.1	9	6	812	1.94	4	5	ND	4	24	1.0	2	2	30	.20	.149	10	9	.29	251	.09	6	1.96	.01	.14	1	4
L400 240SW	1	13	16	116	.3	8	5	873	1.94	2	5	ND	4	35	.9	3	8	29	.31	.057	10	8	.27	222	.07	5	1.67	.01	.17	1	1
L400 200SW	1	15	15	98	.2	10	7	659	1.99	5	5	ND	5	39	.4	2	2	32	.35	.057	13	8	.27	209	.09	5	1.87	.02	.19	1	3
L400 160SW	1	17	13	84	.1	10	8	723	2.60	2	5	ND	5	32	.2	2	7	44	.29	.038	15	12	.39	192	.10	7	1.66	.01	.20	1	4
L400 120SW	1	23	16	70	.1	7	6	364	1.86	5	5	ND	4	32	.5	2	2	26	.22	.073	10	7	.28	209	.07	2	1.76	.02	.13	1	1
L400 80SW	1	22	18	106	.3	19	8	602	2.36	10	5	ND	6	40	.4	2	6	39	.28	.152	16	20	.40	204	.13	5	2.50	.02	.14	1	1
L500 960SW	2	52	64	306	.5	10	12	890	3.24	2	9	ND	8	48	1.2	2	6	38	.53	.082	20	8	.52	400	.08	3	2.78	.01	.25	1	1
L500 880SW	1	11	15	105	.3	5	5	368	1.43	2	5	ND	3	39	.2	3	4	17	.29	.111	7	4	.18	233	.04	3	1.36	.02	.13	1	1
L500 840SW	1	8	12	84	.3	4	5	287	1.76	4	5	ND	4	26	.2	2	8	26	.16	.039	10	8	.25	223	.04	3	1.23	.02	.10	1	4
L500 800SW	1	10	18	118	.2	8	5	720	1.68	5	5	ND	4	30	.3	2	3	23	.17	.138	10	5	.24	373	.05	3	1.79	.02	.14	1	2
L500 760SW	1	7	6	47	.1	6	4	200	1.70	2	5	ND	5	25	.2	2	5	30	.21	.026	14	7	.21	131	.06	4	.73	.02	.11	1	1
L500 720SW	1	11	7	71	.1	8	5	328	1.67	2	5	ND	4	27	.3	2	5	27	.21	.026	11	8	.23	169	.07	4	1.29	.02	.18	1	1
L500 680SW	1	9	7	51	.1	5	5	448	1.67	2	5	ND	4	26	.2	2	5	29	.31	.031	12	6	.20	160	.05	5	.81	.02	.18	2	3
L500 640SW	1	11	24	86	.1	9	5	388	2.13	2	5	ND	5	32	.2	2	2	26	.27	.028	16	7	.27	294	.06	3	1.86	.02	.20	1	3
L800 960SW	1	14	23	88	.2	10	9	1549	2.89	5	5	ND	3	31	.6	4	2	36	.28	.075	21	9	.41	450	.07	5	2.99	.01	.16	2	4
L800 920SW	1	29	35	173	.3	8	8	2949	2.24	5	5	ND	2	65	1.8	3	2	31	.95	.084	16	6	.36	827	.06	6	2.40	.02	.14	1	1
STANDARD C/AU-S	19	59	43	133	7.2	72	32	1053	3.97	43	16	8	39	53	19.4	15	22	57	.46	.097	38	60	.89	183	.07	34	1.89	.06	.14	13	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L800 880SW	1	24	11	118	.3	3	5	2256	1.09	5	5	ND	1	225	.4	2	2	15	3.97	.272	7	4	.19	1288	.02	24	.71	.02	.14	1	4
L800 840SW	1	10	21	353	.3	7	5	462	1.64	2	5	ND	3	47	.5	2	2	21	.42	.132	7	6	.26	364	.07	6	1.77	.03	.14	1	3
L800 800SW	1	14	53	169	.3	8	11	2134	3.38	6	5	ND	8	57	1.2	2	2	36	.56	.037	36	7	.61	786	.05	2	2.66	.02	.23	1	1
L800 760SW	1	28	38	198	.9	10	12	2094	3.38	2	5	ND	5	73	.9	2	2	42	.61	.130	28	13	.55	1217	.06	3	3.43	.02	.20	1	1
L800 720SW	1	12	77	228	.3	8	8	1306	2.69	4	5	ND	5	49	.8	2	2	33	.53	.056	15	9	.43	534	.06	2	2.66	.02	.24	1	1
L800 680SW	1	12	69	356	.3	7	7	1569	2.44	7	5	ND	4	72	.9	2	2	29	.70	.084	11	9	.32	647	.05	6	2.01	.02	.24	1	1
L900 960SW	1	18	22	200	.6	7	8	1399	2.81	6	5	ND	7	51	.9	2	2	30	.65	.075	20	8	.50	797	.04	5	2.42	.02	.30	1	2
L900 880SW	1	8	27	197	.2	6	5	1056	1.89	3	5	ND	4	82	.4	2	2	22	.52	.045	8	8	.22	532	.06	4	1.86	.03	.24	1	1
L900 840SW	1	9	30	146	.2	6	7	921	2.47	6	5	ND	7	60	.6	2	2	22	.47	.028	18	7	.30	609	.05	5	1.93	.01	.31	1	4
L900 800SW	1	23	59	149	1.3	9	11	1026	3.68	39	5	ND	6	67	.9	2	2	40	.60	.065	22	8	.46	868	.04	2	2.44	.02	.19	1	2
L900 760SW	1	7	23	182	.2	6	3	411	1.26	3	5	ND	1	56	.2	2	2	16	.43	.050	4	6	.15	377	.04	4	1.00	.03	.10	1	5
L900 720SW	1	10	34	176	.1	7	7	1409	2.44	7	5	ND	5	59	.6	2	2	35	.50	.074	15	9	.34	372	.06	7	1.86	.01	.29	1	8
L900 680SW	1	6	21	191	.1	5	4	446	1.66	3	5	ND	3	57	.3	2	2	21	.36	.030	8	8	.24	311	.05	3	1.49	.02	.11	1	1
L900 640SW	1	22	18	321	.1	4	4	2146	1.10	7	5	ND	1	163	.5	2	2	15	1.03	.256	5	6	.16	883	.04	7	.80	.03	.19	1	2
L1000 960SW	1	19	19	78	.1	5	7	1203	2.49	6	5	ND	6	50	.4	2	2	30	.54	.051	16	6	.45	389	.02	3	1.89	.01	.30	1	2
L1000 920SW	1	18	46	277	.2	5	6	2111	1.88	5	5	ND	1	87	1.1	2	2	26	.85	.109	10	6	.28	1051	.03	4	1.44	.02	.11	1	3
L1000 880SW	1	6	33	142	.1	6	5	1013	2.00	7	5	ND	4	45	.2	2	2	29	.35	.069	11	8	.26	448	.07	4	1.97	.02	.18	1	1
L1000 840SW	1	8	53	130	.1	7	6	630	2.29	4	5	ND	7	35	.2	2	2	31	.28	.021	15	9	.30	390	.07	2	2.05	.02	.17	1	2
L1000 800SW	1	6	14	241	.1	4	4	845	1.68	2	5	ND	3	74	.4	2	2	18	.50	.041	6	7	.19	429	.04	7	1.21	.02	.22	2	1
L1000 760SW	1	25	35	174	.5	7	8	2117	2.42	7	5	ND	2	98	.5	2	2	34	.71	.077	16	9	.36	573	.06	3	1.92	.02	.14	2	3
L1000 720SW	1	10	58	181	.1	8	7	1627	2.31	7	5	ND	6	37	.6	2	2	33	.37	.045	12	10	.33	531	.08	4	1.99	.02	.21	1	6
L1000 680SW	1	9	31	152	.2	10	6	577	2.43	7	5	ND	6	32	.6	2	2	35	.20	.261	13	12	.32	476	.10	2	2.63	.02	.12	1	6
L1100 960SW	1	10	27	97	.1	6	5	418	2.11	4	5	ND	4	36	.2	2	2	28	.30	.041	9	8	.29	333	.06	4	1.63	.02	.17	1	3
L1100 920SW	2	14	58	173	.1	8	8	2559	2.63	3	5	ND	5	36	.3	2	2	34	.30	.062	17	10	.40	709	.05	2	2.67	.02	.16	1	1
L1100 880SW	1	13	229	575	.1	5	4	1046	1.99	4	5	ND	4	51	1.3	2	2	20	.46	.029	9	7	.24	351	.05	2	1.79	.02	.24	1	1
L1100 840SW	1	8	44	751	.1	6	4	996	1.28	5	5	ND	1	39	1.6	2	2	19	.31	.105	5	7	.17	392	.06	2	1.27	.03	.11	1	2
L1100 800SW	2	35	1741	564	.4	7	10	3611	2.99	15	5	ND	2	73	1.5	3	2	32	.76	.115	14	11	.33	775	.05	4	1.92	.02	.16	18	2
L1100 760SW	1	22	60	389	.1	7	7	1619	2.13	6	5	ND	5	73	1.0	2	2	27	.64	.136	10	7	.35	518	.06	2	1.75	.02	.14	1	2
L1100 720SW	1	12	69	271	.1	6	4	1595	1.45	7	5	ND	2	95	.3	2	2	20	.52	.223	8	8	.21	544	.06	4	1.39	.03	.14	1	1
STANDARD C/AU-S	18	57	42	129	6.8	72	31	1054	3.97	42	19	7	40	52	18.6	15	22	60	.46	.099	38	57	.89	182	.07	34	1.89	.06	.13	12	47

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Sookochoff Consultants Inc. PROJECT ALFA File # 90-4883 Page 1

602 - 510 W. Hastings St., Vancouver BC V6B 1L8

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
L10 NW-040 NE	1	10	6	62	.1	5	5	634	1.68	3	5	ND	2	25	.2	2	2	29	.31	.126	6	6	.33	127	.05	2	1.24	.02	.09	2
L10 NW-080 NE	1	9	9	64	.1	5	6	728	1.80	4	5	ND	3	40	.2	2	2	31	.32	.153	7	8	.39	180	.06	5	1.34	.02	.14	1
L10 NW-120 NE	1	7	5	54	.1	4	6	727	1.73	3	5	ND	3	21	.2	2	2	33	.21	.050	5	7	.35	139	.05	3	.91	.02	.12	2
L10 NW-160 NE	1	10	13	60	.1	5	7	899	1.87	3	5	ND	5	26	.2	2	2	34	.28	.052	11	8	.37	168	.06	2	1.10	.02	.17	1
L10 NW-200 NE	1	9	6	77	.1	3	6	1410	1.68	4	5	ND	2	36	.2	2	2	37	.41	.042	7	7	.33	242	.05	2	.89	.02	.15	1
L10 NW-240 NE	1	9	9	96	.1	6	6	1007	1.74	4	5	ND	3	30	.3	2	2	29	.27	.093	7	9	.32	259	.05	2	1.49	.02	.12	1
L10 NW-280 NE	1	7	6	71	.1	4	5	724	1.54	2	5	ND	2	25	.2	2	2	26	.25	.054	4	7	.27	229	.04	2	1.03	.02	.12	1
L10 NW-320 NE	1	10	3	67	.1	4	5	654	1.54	2	5	ND	2	33	.2	2	2	25	.28	.156	6	7	.26	273	.04	2	1.19	.02	.11	1
L10 NW-360 NE	1	7	7	49	.1	2	6	502	1.65	2	5	ND	3	27	.2	2	2	29	.26	.054	5	7	.34	140	.04	2	.88	.02	.12	1
L10 NW-400 NE	1	9	9	63	.1	4	6	527	1.61	4	5	ND	4	23	.2	2	2	27	.25	.074	7	8	.31	123	.04	2	1.01	.02	.10	1
L10 NW-440 NE	1	10	13	122	.1	5	6	1511	1.77	5	5	ND	2	37	.2	2	2	28	.39	.105	5	8	.40	305	.03	4	1.12	.02	.12	1
L10 NW-480 NE	2	6	2	101	.1	3	6	1860	1.59	2	5	ND	4	26	.2	2	2	24	.25	.062	6	7	.30	357	.03	4	1.02	.02	.10	1
L9 NW-00	1	7	7	57	.1	5	5	1019	1.67	4	5	ND	2	24	.2	2	2	30	.19	.117	4	7	.29	203	.05	2	1.10	.02	.09	1
L9 NW-040 NE	1	6	6	41	.1	3	5	657	1.61	2	5	ND	3	25	.2	2	2	31	.25	.072	7	7	.28	115	.05	2	.87	.02	.11	1
L9 NW-080 NE	1	10	9	47	.1	5	6	718	1.93	3	5	ND	4	22	.2	2	2	39	.25	.057	7	8	.37	114	.06	2	.94	.02	.14	2
L9 NW-120 NE	1	9	7	89	.1	4	6	1249	1.77	2	5	ND	2	44	.2	2	2	28	.44	.136	5	8	.36	255	.05	2	1.19	.02	.14	1
L9 NW-160 NE	1	34	10	50	.1	6	6	695	1.90	2	5	ND	3	33	.2	2	2	32	.52	.027	11	8	.34	117	.07	3	1.41	.03	.17	1
L9 NW-200 NE	2	9	12	109	.1	6	6	1345	1.72	4	5	ND	3	32	.3	2	2	28	.34	.078	7	8	.30	263	.05	4	1.31	.02	.15	1
L9 NW-280 NE	1	8	10	63	.1	3	5	750	1.51	2	5	ND	4	24	.2	2	3	26	.25	.047	7	7	.28	163	.04	2	.98	.02	.13	1
L9 NW-320 NE	1	24	7	28	.2	3	5	442	1.56	2	5	ND	1	128	.4	2	2	24	5.94	.029	11	9	.34	209	.04	3	.98	.07	.15	1
L9 NW-340 NE	1	7	2	90	.1	3	6	1854	1.72	3	5	ND	4	24	.2	2	2	26	.33	.053	5	8	.31	282	.03	2	1.04	.02	.13	1
L9 NW-400 NE	2	7	10	70	.1	3	7	1450	2.02	2	5	ND	4	21	.2	2	2	31	.28	.052	8	9	.45	208	.04	2	1.43	.01	.12	1
L9 NW-440 NE	1	6	9	83	.1	4	6	1529	1.89	2	5	ND	6	19	.4	2	2	30	.25	.069	6	8	.33	257	.04	2	1.13	.02	.16	1
L9 NW-480 NE	1	9	7	50	.2	3	6	776	1.69	2	5	ND	3	31	.2	2	2	27	.43	.034	7	7	.44	122	.03	2	1.04	.02	.09	1
L8 NW-00 NE	1	6	10	98	.1	4	6	1379	1.66	2	5	ND	2	35	.4	2	2	29	.35	.093	5	8	.34	232	.04	4	.96	.02	.10	1
L8 NW-040 NE	2	7	5	36	.1	2	5	616	1.44	2	5	ND	2	24	.2	2	3	28	.27	.030	6	7	.27	91	.05	2	.84	.02	.10	1
L8 NW-080 NE	1	7	9	69	.1	3	5	1412	1.58	2	5	ND	2	27	.2	2	2	26	.22	.097	6	6	.26	258	.05	2	1.26	.02	.10	1
L8 NW-120 NE	1	6	8	48	.1	3	5	875	1.53	2	5	ND	3	27	.5	2	2	28	.28	.060	7	7	.27	160	.04	6	.95	.02	.11	1
L8 NW-160 NE	1	6	11	60	.1	4	6	1030	1.66	2	5	ND	4	34	.2	2	2	29	.32	.069	9	8	.32	196	.05	2	.92	.02	.11	1
L8 NW-200 NE	1	8	4	37	.2	3	5	608	1.50	2	5	ND	3	22	.2	2	2	29	.25	.041	6	6	.27	116	.04	4	.71	.02	.12	1
L8 NW-240 NE	1	8	6	68	.1	4	5	1158	1.57	2	5	ND	3	38	.3	2	2	27	.32	.090	6	8	.26	225	.05	2	1.01	.03	.14	1
L8 NW-280 NE	1	23	7	36	.2	3	5	535	1.59	2	5	ND	1	54	.4	2	2	23	5.74	.042	10	8	.32	139	.03	3	.88	.02	.12	1
L8 NW-320 NE	1	20	35	82	.1	5	9	897	2.47	3	5	ND	10	22	.3	2	3	29	.35	.053	14	7	.51	402	.02	3	1.26	.01	.22	1
L8 NW-360 NE	2	7	4	47	.1	5	6	1066	1.77	2	5	ND	4	18	.2	2	2	27	.25	.031	8	8	.34	271	.03	2	1.15	.02	.12	2
L8 NW-400 NE	1	6	10	62	.1	4	6	1424	1.64	4	5	ND	5	22	.2	2	2	26	.29	.044	6	9	.37	204	.03	3	.99	.02	.13	1
L8 NW-440 NE	1	8	5	73	.1	3	6	1378	1.77	2	5	ND	4	26	.2	2	3	28	.30	.056	6	7	.38	244	.03	2	1.15	.02	.13	1
STANDARD C	18	59	41	131	7.0	70	31	1052	3.95	37	18	7	37	53	18.4	16	20	56	.46	.095	38	59	.89	181	.07	35	1.89	.06	.13	13

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P6 SOIL P7 ROCK

DATE RECEIVED: SEP 28 1990 **DATE REPORT MAILED:** Oct 3/90 **SIGNED BY**.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
L7-00 NE	1	33	11	59	.2	5	5	844	1.77	2	5	ND	3	33	.2	2	2	35	.55	.028	10	9	.34	92	.07	7	1.32	.03	.12	1
L7-080 NE	1	11	12	86	.2	3	6	1313	1.87	2	5	ND	3	48	.4	2	2	30	.51	.071	9	6	.34	330	.04	4	1.32	.02	.14	1
L7-120 NE	2	8	8	70	.2	4	7	1670	1.99	2	5	ND	2	30	.3	2	2	33	.34	.049	5	14	.43	268	.04	5	1.14	.02	.14	1
L7-160 NE	1	10	5	77	.1	4	7	934	1.85	2	5	ND	5	27	.2	2	2	31	.26	.074	9	10	.45	192	.03	2	1.06	.02	.13	1
L7-200 NE	1	30	10	35	.2	4	4	455	1.43	2	5	ND	1	81	.3	2	2	24	3.31	.059	9	8	.31	124	.04	7	.99	.03	.12	1
L7-240 NE	1	6	5	47	.1	3	5	757	1.52	2	5	ND	3	18	.2	2	2	27	.19	.053	6	8	.27	117	.03	2	.76	.02	.10	1
L7-280 NE	1	7	8	32	.1	4	6	444	1.55	2	6	ND	4	26	.2	2	2	31	.22	.037	12	9	.28	73	.05	2	.79	.03	.09	1
L7-320 NE	1	8	4	45	.1	5	6	606	1.79	2	5	ND	6	27	.2	2	2	29	.29	.058	11	11	.36	117	.05	2	1.02	.02	.16	1
L7-360 NE	1	8	6	53	.1	4	9	1030	2.34	2	5	ND	7	13	.2	2	2	35	.22	.068	13	10	.56	248	.01	2	1.17	.01	.20	1
L7-400 NE	6	8	4	53	.2	4	7	874	2.13	2	5	ND	6	24	.2	2	2	36	.32	.050	9	9	.43	208	.03	2	1.17	.02	.13	1
L7-440 NE	1	8	5	41	.2	4	6	615	1.91	2	5	ND	5	17	.2	2	2	33	.20	.035	9	9	.39	112	.03	2	.89	.02	.13	1
L7-480 NE	1	12	6	71	.2	3	8	700	2.44	2	5	ND	8	20	.2	2	2	38	.28	.040	11	10	.58	112	.01	2	1.11	.02	.13	1
L6-00 NE	1	11	6	54	.2	5	7	737	2.18	2	5	ND	6	25	.2	2	2	31	.27	.045	11	8	.49	166	.05	3	1.69	.02	.15	1
L6-040 NE	1	23	11	60	.2	4	6	641	1.87	2	5	ND	3	31	.3	2	2	32	.43	.031	9	11	.41	125	.06	2	1.27	.02	.13	1
L6-080 NE	1	24	2	46	.2	3	7	1224	1.82	2	5	ND	3	35	.5	2	2	34	.51	.048	11	9	.38	148	.06	4	1.22	.02	.21	1
L6-120 NE	4	16	15	131	.2	4	7	1317	1.92	3	5	ND	6	28	.6	2	2	25	.31	.106	6	7	.35	250	.03	4	1.28	.02	.14	1
L6-160 NE	1	7	10	56	.1	3	6	891	1.82	3	5	ND	3	29	.2	2	2	31	.27	.094	6	9	.39	188	.05	2	1.20	.02	.12	1
L6-200 NE	1	8	8	55	.2	5	5	552	1.60	3	5	ND	3	26	.2	2	2	28	.26	.060	6	8	.29	142	.05	3	1.03	.02	.12	1
L6-240 NE	1	5	12	40	.1	4	4	677	1.18	5	5	ND	2	27	.2	2	2	23	.22	.045	5	6	.21	109	.04	4	.60	.02	.09	1
L6-280 NE	1	7	5	52	.2	4	5	691	1.60	2	5	ND	3	25	.2	2	2	27	.21	.057	7	10	.27	149	.05	2	1.09	.02	.08	1
L6-320 NE	1	6	10	71	.1	3	5	1125	1.45	2	5	ND	4	27	.5	2	2	24	.25	.046	10	8	.27	174	.05	5	.98	.02	.14	1
L6-360 NE	1	8	9	83	.2	5	6	971	1.80	2	5	ND	6	31	.2	2	2	26	.26	.144	9	8	.42	266	.04	2	1.27	.02	.13	1
L6-400 NE	1	5	10	77	.1	4	7	956	1.73	2	5	ND	5	18	.4	2	2	29	.19	.040	8	8	.43	131	.03	2	.90	.02	.14	1
L6-440 NE	2	5	6	77	.1	4	6	989	1.61	2	5	ND	4	19	.5	2	2	27	.23	.045	5	9	.38	147	.03	2	.94	.03	.10	2
L6-480 NE	1	9	7	90	.3	5	7	860	2.05	3	5	ND	4	26	.5	2	2	32	.23	.112	7	11	.52	181	.04	4	1.41	.02	.10	1
L6-520 NE	1	16	4	92	.3	4	7	965	1.74	2	5	ND	3	59	.4	2	2	27	.81	.059	8	9	.44	258	.02	2	1.01	.02	.12	2
L6-560 NE	1	8	5	66	.1	5	6	630	1.83	2	5	ND	6	20	.3	2	2	29	.22	.055	9	10	.40	167	.05	4	1.38	.02	.12	1
L6-600 NE	1	10	6	93	.1	4	6	937	1.88	2	5	ND	3	23	.2	2	2	30	.24	.103	8	9	.41	202	.04	2	1.42	.02	.08	1
L6-640 NE	1	17	9	59	.2	5	8	420	2.23	2	6	ND	6	25	.3	2	2	34	.27	.041	11	11	.51	399	.04	2	1.45	.02	.16	1
L6-680 NE	1	12	8	97	.4	5	7	936	2.16	2	5	ND	7	22	.2	2	2	30	.25	.060	10	10	.52	166	.04	2	1.52	.02	.14	1
L5-00 NE	2	8	8	70	.1	3	7	1450	1.92	3	5	ND	4	27	.2	2	2	30	.22	.086	7	7	.24	247	.04	2	1.15	.02	.12	1
L5-040 NE	1	10	5	82	.2	5	6	748	1.78	5	5	ND	4	30	.3	2	2	29	.24	.122	7	9	.31	245	.05	3	1.28	.02	.10	1
L5-080 NE	1	8	2	46	.2	4	5	602	1.66	5	5	ND	4	24	.2	2	2	29	.24	.060	8	8	.30	157	.05	7	1.00	.03	.11	1
L5-120 NE	1	7	8	37	.1	4	5	502	1.55	3	6	ND	4	20	.2	2	2	29	.22	.058	8	8	.26	113	.04	2	.68	.02	.10	1
L5-160 NE	1	11	5	64	.2	5	6	696	1.77	3	5	ND	4	30	.2	2	2	29	.28	.072	8	11	.33	162	.06	3	1.09	.03	.15	1
L5-200 NE	1	8	12	45	.1	3	5	586	1.51	3	5	ND	3	24	.3	2	2	28	.25	.036	7	8	.28	104	.06	2	.85	.02	.13	1
STANDARD C	18	58	40	132	7.1	69	32	1051	3.95	41	18	7	38	53	18.4	15	21	55	.46	.094	39	60	.91	181	.07	34	1.89	.07	.13	13

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
L5-240 NE	1	9	11	45	.3	4	5	650	1.66	4	5	ND	5	27	.4	2	3	29	.27	.040	9	9	.32	113	.06	4	1.07	.02	.14	1
L5-280 NE	1	10	7	41	.1	3	5	610	1.66	2	5	ND	4	31	.4	2	2	32	.31	.038	10	9	.35	93	.05	2	.85	.02	.17	1
L5-320 NE	1	10	7	55	.2	4	6	726	1.79	2	5	ND	5	28	.2	2	2	34	.26	.057	10	10	.42	123	.04	2	.87	.02	.13	1
L5-360 NE	1	12	9	82	.2	5	8	1115	2.02	3	5	ND	7	33	.7	2	4	34	.34	.053	10	12	.47	326	.05	4	1.14	.02	.21	1
L5-400 NE	1	19	10	120	.3	5	8	1210	2.22	4	5	ND	11	32	1.0	2	2	28	.41	.053	13	9	.58	287	.02	2	1.50	.01	.20	1
L5-480 NE	1	13	14	150	.2	2	7	926	1.97	2	5	ND	5	28	1.4	2	3	32	.36	.053	10	9	.49	214	.04	4	1.35	.02	.13	1
L5-520 NE	1	26	8	146	.5	4	7	526	2.26	2	5	ND	8	25	1.0	2	2	29	.32	.098	15	9	.43	197	.02	4	1.52	.02	.17	4
L5-560 NE	2	14	8	164	.3	3	6	1107	1.83	2	5	ND	5	42	2.5	2	5	25	.48	.079	8	8	.44	285	.03	3	1.26	.02	.17	1
L5-600 NE	1	19	7	84	.3	4	6	550	1.89	2	5	ND	6	61	.8	2	2	30	.30	.068	10	8	.40	379	.05	3	1.41	.03	.12	1
L5-640 NE	1	18	8	67	.4	4	7	616	2.23	2	5	ND	6	32	.5	2	2	37	.27	.064	10	10	.54	181	.07	2	1.83	.02	.11	1
L5-680 NE	1	18	8	69	.4	4	7	603	2.35	2	5	ND	6	31	.3	2	3	39	.28	.079	8	10	.48	127	.06	4	1.61	.02	.11	1
L4-00 NE	1	31	9	39	.2	5	6	485	1.67	5	5	ND	4	54	.6	2	4	26	.55	.023	8	9	.30	135	.05	4	1.28	.04	.12	1
L4-040 NE	1	7	7	65	.2	3	8	1048	2.18	4	5	ND	6	27	.5	2	3	36	.30	.074	8	8	.52	170	.05	3	1.25	.02	.16	1
L4-080 NE	1	7	10	70	.1	2	6	1165	1.70	2	5	ND	3	29	.2	2	4	30	.26	.071	7	9	.36	196	.04	3	.96	.02	.10	1
L4-120 NE	1	34	5	95	.2	5	6	794	1.86	3	5	ND	6	34	.9	2	2	31	.43	.041	11	12	.41	153	.06	5	1.38	.04	.15	1
L4-160 NE	1	8	8	38	.3	3	6	615	1.61	4	5	ND	4	23	.2	2	4	30	.22	.050	7	8	.29	126	.05	4	.81	.02	.10	1
L4-200 NE	1	14	8	62	.2	4	5	336	1.65	5	5	ND	4	25	.3	2	2	29	.25	.057	10	8	.28	96	.06	2	1.29	.03	.11	1
L4-240 NE	1	22	10	78	.3	4	6	465	1.82	7	5	ND	4	27	.2	2	5	32	.36	.047	10	9	.37	104	.07	5	1.38	.03	.11	1
L4-280 NE	1	15	10	74	.3	7	7	491	1.82	10	5	ND	6	27	.7	2	4	31	.26	.086	11	9	.37	122	.06	2	1.21	.03	.11	1
L4-320 NE	1	23	10	74	.3	6	9	713	2.38	3	5	ND	8	37	.3	2	4	43	.36	.050	14	11	.59	100	.06	2	1.61	.02	.20	1
L4-360 NE	1	13	29	118	.5	4	9	1786	2.69	2	5	ND	9	48	.6	2	3	45	.52	.082	9	10	.67	331	.07	7	1.74	.02	.16	1
L4-400 NE	1	14	9	79	.2	4	7	571	2.32	2	5	ND	7	26	.2	2	2	38	.27	.064	11	10	.52	176	.07	2	1.68	.02	.12	1
L4-440 NE	2	17	8	52	.4	3	6	904	1.73	3	5	ND	5	30	.3	2	2	27	.28	.043	9	8	.36	204	.05	5	1.47	.02	.13	1
L4-480 NE	1	16	4	65	.3	3	7	630	2.10	2	5	ND	9	31	.3	2	4	35	.35	.048	10	8	.44	178	.06	4	1.52	.02	.17	1
L4-560 NE	1	130	4	893	.5	4	7	782	1.96	3	5	ND	6	37	7.9	2	3	29	.41	.057	11	10	.50	153	.05	6	1.58	.02	.10	1
L4-600 NE	1	22	5	150	.1	4	8	674	2.22	4	5	ND	6	25	1.3	2	4	33	.28	.058	12	10	.55	169	.05	2	1.69	.02	.15	1
L4-640 NE	1	17	2	70	.2	3	8	958	2.19	2	5	ND	8	25	.2	2	3	26	.28	.055	13	7	.48	304	.03	4	1.53	.02	.22	2
L4-680 NE	1	30	9	79	.3	5	9	808	2.67	3	5	ND	10	28	.2	2	3	43	.31	.046	14	12	.56	152	.09	3	2.32	.02	.16	1
L3-00 NE	2	26	6	70	.3	4	8	568	2.36	2	5	ND	6	26	.4	2	5	33	.30	.063	12	7	.51	168	.04	4	1.66	.02	.16	1
L3-040 NE	6	12	8	98	.2	3	7	848	2.41	5	5	ND	5	27	.3	2	2	32	.23	.074	7	8	.42	170	.04	2	1.47	.02	.11	1
L3-080 NE	2	43	11	143	.4	5	5	626	1.71	3	5	ND	4	51	1.7	2	4	23	.50	.024	10	8	.31	116	.06	4	1.36	.04	.11	1
L3-120 NE	1	10	11	75	.2	5	6	497	1.85	7	5	ND	3	36	.2	2	2	32	.25	.126	7	8	.32	156	.06	3	1.59	.03	.10	1
L3-160 NE	1	19	10	53	.2	5	6	411	1.90	7	5	ND	6	30	.3	2	2	36	.31	.035	13	10	.35	109	.06	4	1.15	.03	.15	1
L3-200 NE	1	9	7	48	.1	3	5	421	1.73	5	5	ND	4	27	.2	2	2	32	.26	.053	8	9	.31	94	.06	4	.96	.03	.13	1
L3-240 NE	1	24	6	43	.6	4	4	336	1.56	3	5	ND	3	101	.4	2	2	26	5.02	.039	8	8	.35	109	.04	5	1.07	.05	.11	1
L3-280 NE	1	9	7	40	.1	3	5	340	1.69	2	5	ND	5	24	.3	2	4	31	.28	.031	8	7	.29	61	.05	2	.91	.02	.10	1
STANDARD C	18	60	39	130	7.2	70	32	1052	3.95	42	17	7	38	53	18.4	16	22	55	.46	.096	38	59	.89	181	.07	36	1.89	.06	.13	13

Sookochoff Consultants Inc. PROJECT ALFA FILE # 90-4883

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
L3-320 NE	1	6	8	42	.1	2	6	464	1.75	2	5	ND	4	25	.2	2	2	30	.31	.028	5	8	.42	73	.05	2	.91	.02	.12	2
L3-360 NE	1	11	20	96	.8	3	8	969	2.18	2	5	ND	7	17	.2	3	2	24	.24	.071	8	7	.54	359	.01	2	1.23	.01	.20	1
L3-400 NE	1	7	6	75	.2	3	6	928	1.90	3	5	ND	6	18	.2	2	2	27	.21	.055	6	6	.48	171	.04	4	1.23	.01	.10	1
L3-440 NE	2	9	7	69	.2	4	7	860	2.03	4	5	ND	18	21	.2	3	4	29	.28	.044	5	9	.47	191	.04	3	1.50	.02	.11	1
L3-480 NE	1	12	10	101	.2	3	6	841	1.79	2	5	ND	4	23	.2	2	2	24	.25	.072	7	7	.40	231	.04	2	1.43	.02	.11	1
L2-00 NE	1	10	10	99	.2	5	8	930	2.52	4	5	ND	5	57	.2	3	2	35	.40	.094	12	9	.70	246	.02	2	1.68	.02	.09	1
L2-040 NE	3	13	20	93	.3	3	7	480	2.19	4	5	ND	6	29	.2	2	2	29	.22	.037	10	7	.39	137	.06	2	1.38	.02	.14	1
L2-080 NE	5	21	40	207	.4	4	7	814	2.35	5	5	ND	4	29	.9	2	2	28	.28	.050	10	8	.38	179	.05	3	1.81	.02	.11	1
L2-120 NE	5	20	36	309	.3	3	7	1053	2.47	4	5	ND	5	23	3.1	2	2	23	.29	.062	9	7	.45	300	.03	4	1.51	.01	.18	1
L2-200 NE	10	43	56	244	.9	7	9	957	3.60	3	5	ND	7	21	.8	2	2	20	.27	.103	17	5	.45	254	.03	4	1.72	.01	.14	2
L2-240 NE	2	15	10	134	.1	3	7	777	1.80	3	5	ND	3	28	.2	2	2	24	.27	.039	6	6	.37	182	.04	2	1.20	.02	.14	1
L2-280 NE	1	10	7	90	.1	4	6	728	1.94	4	5	ND	4	23	.2	2	2	31	.24	.051	6	7	.40	155	.05	5	1.30	.02	.15	1
L2-320 NE	1	10	7	90	.2	3	7	854	2.31	2	5	ND	5	35	.2	2	2	32	.40	.108	9	9	.61	128	.03	2	1.46	.01	.10	1
L2-360 NE	1	12	7	82	.1	4	6	1021	2.03	2	5	ND	3	31	.2	3	2	32	.39	.082	7	9	.46	179	.05	3	1.66	.02	.10	1
L2-400 NE	1	51	19	95	.2	4	8	843	2.33	2	5	ND	3	35	.2	2	2	33	.77	.053	6	11	.59	186	.03	5	1.49	.02	.13	2
L2-440 NE	1	15	8	62	.1	4	7	476	2.18	2	5	ND	6	26	.2	2	2	35	.25	.051	7	8	.49	103	.06	2	1.64	.02	.14	1
L2-480 NE	1	14	12	105	.2	3	7	998	2.15	2	5	ND	5	36	.2	3	2	33	.35	.123	8	11	.55	201	.05	3	1.70	.02	.12	1
L1-00 NE	1	13	9	100	.1	4	5	666	1.67	6	5	ND	3	28	.2	2	2	25	.24	.099	7	7	.34	147	.04	2	1.23	.01	.09	1
L1-040 NE	1	14	12	108	.2	4	5	886	1.70	3	5	ND	3	45	.2	2	2	25	.35	.088	7	8	.37	199	.04	3	1.26	.02	.12	1
L1-120 NE	3	10	10	99	.2	3	9	1222	2.85	2	5	ND	6	26	.3	3	2	37	.44	.065	16	8	.71	313	.01	4	1.38	.01	.16	2
L1-160 NE	10	32	95	258	.9	5	9	785	3.32	2	5	ND	11	22	1.2	2	2	24	.28	.055	11	6	.51	348	.03	2	1.59	.01	.20	1
L1-200 NE	3	17	17	118	.1	4	7	688	2.40	6	5	ND	6	24	.2	2	2	25	.28	.059	10	7	.47	315	.03	2	1.57	.02	.18	1
L1-280 NE	1	10	12	102	.2	5	6	587	1.73	3	5	ND	3	30	.2	2	2	26	.28	.055	6	9	.38	162	.05	3	1.40	.02	.12	1
L1-320 NE	1	14	8	116	.2	4	5	977	1.61	2	5	ND	2	47	.2	2	2	24	.55	.102	6	6	.36	257	.04	6	1.24	.02	.15	1
L1-360 NE	1	22	12	88	.2	5	8	779	2.21	2	5	ND	5	28	.2	2	2	35	.32	.051	8	11	.52	130	.05	2	1.49	.02	.12	1
L1-440 NE	1	13	7	74	.2	6	7	1132	2.18	4	5	ND	4	29	.2	2	2	33	.30	.063	9	10	.49	246	.06	2	1.96	.02	.13	1
L1-480 NE	1	23	14	60	.1	6	7	413	2.37	4	5	ND	6	29	.2	2	2	39	.32	.045	12	11	.44	156	.08	3	2.51	.02	.11	1
L0-00 NE	1	21	8	64	.2	4	6	545	1.98	2	5	ND	5	97	.2	2	3	27	.59	.045	10	9	.53	123	.04	5	1.35	.03	.14	1
L0-040 NE	1	11	13	68	.1	5	7	591	2.22	2	5	ND	8	26	.2	2	2	32	.25	.048	8	10	.58	100	.04	5	1.40	.02	.14	1
L0-080 NE	1	18	15	63	.2	6	8	516	2.54	2	5	ND	7	36	.2	4	2	35	.28	.060	14	11	.54	196	.06	2	2.27	.02	.17	1
L0-160 NE	1	14	12	83	.3	6	7	653	1.91	3	5	ND	6	22	.3	2	2	29	.21	.075	9	10	.41	185	.05	3	1.48	.02	.11	1
L0-200 NE	1	11	8	92	.1	4	6	480	1.85	4	5	ND	5	24	.2	2	2	30	.22	.106	9	8	.40	146	.05	2	1.37	.02	.10	1
L0-240 NE	1	22	10	50	.4	4	7	299	2.06	2	6	ND	5	37	.2	2	2	32	.52	.019	12	10	.38	114	.05	4	1.49	.03	.09	1
L0-280 NE	1	51	9	79	.2	6	8	676	2.68	2	5	ND	6	24	.2	2	2	45	.29	.128	9	11	.63	102	.05	2	1.85	.02	.09	1
L0-360 NE	1	43	13	102	.1	6	7	1676	2.08	3	5	ND	3	35	.3	2	2	31	.50	.088	8	11	.48	344	.06	6	1.84	.02	.11	1
L0-440 NE	1	13	10	86	.1	7	6	745	1.88	6	5	ND	6	27	.2	2	2	30	.26	.098	9	9	.41	183	.06	2	1.44	.02	.10	1
STANDARD C	18	60	40	131	7.0	71	31	1053	3.96	40	18	7	38	53	18.5	15	19	55	.46	.096	38	59	.89	181	.07	35	1.89	.06	.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
L0-480 NE	1	12	11	72	.2	6	6	659	1.99	6	5	ND	4	24	.4	2	2	35	.26	.087	9	11	.42	173	.06	7	1.63	.03	.12	1
L00-1600 SW	1	8	14	78	.1	5	6	610	1.93	3	5	ND	4	23	.4	2	2	33	.26	.036	8	11	.42	166	.07	5	1.34	.03	.16	1
L00-1560 SW	1	9	13	87	.2	4	7	681	1.90	2	5	ND	4	31	.4	2	2	39	.32	.023	10	11	.37	110	.09	5	1.27	.04	.21	1
L00-1480 SW	1	8	22	183	.3	4	6	738	2.12	3	5	ND	6	30	.4	2	2	33	.31	.053	11	12	.41	155	.08	5	1.34	.04	.17	1
L00-1440 SW	1	7	24	106	.2	5	7	559	2.20	2	5	ND	5	25	.3	2	2	34	.27	.044	10	12	.53	118	.07	2	1.35	.03	.15	1
L00-1400 SW	2	13	64	224	.4	2	7	652	3.88	5	5	ND	2	53	.4	2	2	22	.46	.107	11	6	.49	210	.10	2	1.68	.03	.24	1
L00-1360 SW	2	13	31	213	.4	13	8	905	2.36	2	5	ND	5	35	.4	2	2	51	.40	.058	11	20	.78	161	.09	6	1.69	.04	.15	1
L00-1320 SW	1	11	24	156	.3	9	7	1212	1.96	3	5	ND	5	30	.8	2	2	37	.35	.057	12	16	.54	193	.06	6	1.28	.03	.14	1
L00-1280 SW	1	17	36	215	.3	14	11	1372	2.63	2	5	ND	4	34	.4	2	2	53	.41	.064	11	21	.96	190	.08	3	1.65	.03	.17	1
L00-1240 SW	1	13	25	121	.5	7	9	781	2.98	2	5	ND	7	35	.2	2	2	53	.37	.053	14	13	.64	121	.12	3	2.15	.03	.18	1
L00-1200 SW	1	12	23	108	.4	7	9	766	3.22	2	5	ND	6	41	.3	2	2	58	.44	.065	11	17	.77	112	.11	2	2.24	.03	.16	1
L00-1160 SW	1	16	98	169	.3	7	11	804	3.44	3	5	ND	4	41	.6	2	2	63	.41	.067	13	13	.81	118	.13	3	2.36	.03	.16	1
L00-1120 SW	1	12	24	137	.3	5	11	1085	3.27	2	5	ND	6	38	.4	2	2	50	.41	.063	12	11	.84	144	.11	4	2.01	.03	.18	1
L00-1080 SW	1	7	28	181	.3	6	4	1501	1.20	4	5	ND	13	69	.5	2	2	14	.54	.062	41	8	.19	210	.02	2	.75	.02	.11	1
L00-1040 SW	1	10	52	178	.3	6	7	1307	2.37	2	5	ND	6	32	.3	2	2	35	.28	.056	15	14	.53	245	.05	2	2.07	.02	.15	1
L00-1000 SW	1	12	43	145	.2	5	7	1004	2.05	3	5	ND	5	23	.4	2	2	32	.24	.050	11	13	.46	244	.04	2	1.28	.02	.17	1
L00-960 SW	1	16	234	174	.5	6	9	2172	2.72	2	5	ND	6	25	.2	2	2	26	.25	.054	14	9	.63	606	.04	4	2.06	.02	.21	1
L00-920 SW	1	16	30	101	.2	6	8	856	2.18	3	5	ND	4	45	.2	2	2	34	.35	.037	10	13	.50	267	.06	4	1.58	.03	.17	1
L00-880 SW	1	14	32	115	.4	6	8	1018	2.31	2	5	ND	5	27	.3	2	2	30	.25	.055	13	10	.46	301	.06	3	1.92	.02	.16	1
L00-840 SW	1	15	18	94	.3	6	8	1423	2.34	3	5	ND	5	31	.4	2	2	28	.32	.082	11	8	.50	494	.04	2	1.70	.02	.18	1
L00-800 SW	1	10	7	90	.2	5	6	1376	1.76	3	5	ND	3	40	.3	2	2	29	.30	.137	7	9	.36	345	.05	4	1.31	.03	.11	1
L00-760 SW	1	25	15	73	.4	7	6	564	1.90	4	5	ND	4	57	.3	2	2	27	.39	.044	14	9	.35	174	.05	5	1.68	.04	.13	1
L00-720 SW	1	13	9	61	.3	6	6	496	1.79	5	5	ND	4	53	.4	2	2	27	.28	.073	12	9	.35	185	.06	4	1.71	.04	.10	1
L00-680 SW	1	17	8	120	.3	6	10	1027	2.94	3	5	ND	7	40	.2	2	2	26	.31	.087	12	12	.65	544	.02	6	1.85	.02	.19	1
L00-640 SW	2	21	184	128	2.0	4	8	1257	2.41	2	5	ND	7	43	.4	2	2	24	.39	.068	8	8	.60	348	.02	4	1.61	.02	.17	1
L00-600 SW	1	19	18	97	.7	6	9	855	2.52	2	5	ND	5	36	.2	2	2	26	.28	.087	11	10	.57	380	.03	6	1.87	.02	.19	1
L00-560 SW	1	32	24	150	.4	5	12	1347	3.16	2	5	ND	9	44	.3	2	2	36	.43	.124	15	11	.74	580	.02	5	1.83	.02	.24	1
L00-520 SW	1	18	52	120	.5	7	10	854	2.82	3	5	ND	7	34	.2	2	2	31	.30	.070	16	10	.65	386	.04	5	1.88	.02	.25	1
L00-480 SW	2	15	15	62	.3	5	6	330	1.95	2	8	ND	4	49	.2	2	2	29	.40	.038	11	10	.34	152	.05	4	1.39	.03	.14	1
L00-440 SW	2	11	37	193	.9	8	5	1648	1.89	3	5	ND	11	41	.6	2	2	18	.32	.180	53	7	.22	295	.03	6	1.69	.02	.14	1
L00-400 SW	2	7	11	33	.1	5	4	299	1.55	2	6	ND	4	23	.2	2	4	25	.17	.024	13	6	.25	95	.05	2	1.48	.02	.10	5
L00-360 SW	1	9	11	48	.1	6	5	555	1.73	4	5	ND	4	29	.4	2	2	29	.28	.049	9	8	.32	154	.04	3	1.29	.02	.13	1
L00-320 SW	1	12	12	68	.3	6	7	695	2.04	4	5	ND	5	26	.4	2	2	35	.28	.044	10	10	.37	164	.05	3	1.20	.02	.14	1
L00-280 SW	1	14	8	74	.3	6	8	1227	2.34	2	5	ND	5	49	.2	2	2	33	.49	.095	12	10	.49	357	.05	7	1.94	.03	.22	1
L100-1560 SW	1	13	112	673	.4	5	7	2252	2.26	3	5	ND	4	46	2.0	2	2	27	.39	.177	10	8	.50	489	.07	2	1.79	.03	.18	1
L100-1520 SW	1	55	382	790	.5	5	6	1156	2.79	2	5	ND	6	39	1.3	2	3	24	.48	.087	10	6	.48	170	.05	2	1.63	.02	.15	1
STANDARD C	18	59	38	132	7.1	69	32	1054	3.95	39	18	8	37	53	18.6	16	21	56	.46	.094	37	59	.89	180	.07	35	1.89	.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
L100-1480 SW	1	7	35	271	.1	1	5	687	1.59	2	5	ND	2	27	.2	2	2	20	.28	.024	7	5	.26	130	.06	2	1.10	.01	.11	1
L100-1440 SW	1	5	15	106	.1	6	6	593	1.64	3	5	ND	2	19	.2	2	2	26	.20	.035	9	6	.29	112	.05	2	.95	.01	.10	1
L100-1400 SW	2	20	30	307	.1	9	7	980	2.16	6	5	ND	4	28	1.0	2	2	35	.28	.081	12	11	.48	190	.06	2	1.72	.02	.10	1
L100-1360 SW	1	10	15	109	.1	10	8	667	1.86	7	5	ND	3	24	.5	2	3	36	.25	.042	8	10	.45	139	.06	2	1.11	.01	.12	1
L100-1320 SW	1	11	13	149	.2	9	9	1221	2.65	8	5	ND	3	32	.2	3	2	46	.29	.138	9	15	.53	192	.08	2	1.96	.02	.10	1
L100-1280 SW	1	12	20	175	.2	6	9	1034	2.66	10	5	ND	7	42	1.1	3	2	42	.40	.130	10	9	.63	139	.10	2	2.27	.02	.08	1
L100-1240 SW	1	9	14	103	.1	7	9	544	2.76	2	5	ND	4	39	.9	2	2	45	.34	.051	11	8	.66	97	.10	2	1.93	.01	.11	1
L100-1160 SW	1	12	11	128	.1	4	6	934	1.78	4	5	ND	3	32	.2	2	2	26	.39	.041	10	5	.30	186	.04	4	.98	.02	.13	1
L100-1120 SW	1	8	20	96	.2	3	6	706	1.81	2	5	ND	5	27	.3	4	2	26	.22	.048	13	6	.32	187	.04	2	1.06	.01	.14	1
L100-1080 SW	1	15	29	107	.4	7	6	816	2.05	7	5	ND	8	40	.4	2	2	28	.31	.003	102	8	.29	186	.08	2	2.34	.02	.10	1
L100-1040 SW	1	5	14	70	.1	3	5	484	1.70	2	5	ND	3	29	.2	2	2	30	.21	.037	7	6	.25	115	.06	4	.73	.03	.15	1
L100-1000 SW	1	12	11	84	.2	5	6	953	1.64	7	5	ND	3	37	.2	2	3	25	.30	.048	12	7	.25	248	.05	3	1.08	.03	.13	1
L100-400 SW	3	78	9	91	.6	10	18	996	4.38	9	5	ND	7	53	.3	2	2	74	.66	.119	8	13	1.11	133	.07	4	2.17	.02	.10	1
L100-360 SW	1	13	5	94	.5	6	7	568	2.19	6	7	ND	5	26	.2	4	2	38	.25	.069	7	8	.44	119	.06	2	1.32	.03	.09	1
L100-320 SW	1	14	5	81	.2	6	6	800	1.73	3	6	ND	4	26	.2	2	2	28	.24	.063	7	6	.41	130	.05	2	1.19	.02	.09	1
L100-280 SW	1	15	5	83	.4	7	7	588	1.97	8	5	ND	5	27	.7	2	2	32	.27	.073	8	6	.43	108	.06	3	1.44	.02	.08	1
L100-240 SW	1	9	5	71	.1	6	6	513	1.86	3	5	ND	2	24	.2	2	2	29	.22	.064	4	5	.40	124	.05	2	1.21	.02	.09	1
L100-200 SW	1	15	5	108	.4	4	7	999	1.90	7	5	ND	6	32	.4	2	2	28	.33	.074	10	7	.41	175	.05	2	1.35	.02	.11	1
L100-160 SW	1	26	13	75	.6	6	8	546	2.12	7	5	ND	6	26	1.0	2	2	31	.23	.070	10	6	.46	148	.05	2	1.46	.02	.12	1
L100-120 SW	1	14	5	77	.3	6	8	673	2.25	3	5	ND	5	29	.2	2	2	36	.33	.060	11	6	.50	151	.07	2	1.64	.02	.13	1
L100-080 SW	1	19	7	50	.2	5	7	574	2.12	2	5	ND	4	61	.2	2	2	32	.64	.041	10	7	.52	141	.04	2	1.47	.03	.11	1
L100-040 SW	1	27	7	72	.2	6	9	664	2.33	6	17	ND	4	62	.5	2	2	32	.34	.045	15	6	.57	136	.05	3	1.87	.02	.12	1
L100-00 SW	1	18	13	113	.3	5	11	908	2.73	2	7	ND	6	36	.2	2	2	38	.28	.056	11	8	.67	154	.05	2	1.90	.02	.16	1
BL 00+1000 NW	1	13	7	68	.1	4	5	789	1.60	6	5	ND	2	35	.2	2	2	27	.28	.175	6	6	.26	206	.05	3	1.02	.02	.12	1
STANDARD C	19	59	36	131	7.1	72	32	1049	3.95	40	18	7	39	56	19.0	15	20	57	.45	.097	39	58	.90	189	.08	38	1.89	.06	.14	13

Appendix II

VLF-EM, RAW DATA

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

800	N	-320	W	5
800	N	-280	W	7
800	N	-240	W	8
800	N	-200	W	9
800	N	-160	W	7
800	N	-120	W	4
800	N	-80	W	5
800	N	-40	W	6
800	N	0	W	6
800	N	40	E	7
800	N	80	E	6
800	N	120	E	5
800	N	160	E	5
800	N	200	E	7
800	N	240	E	2
800	N	280	E	8
800	N	320	E	11
800	N	360	E	10
800	N	400	E	8
800	N	440	E	6
800	N	480	E	4
800	N	500	E	3
700	N	-480	W	3
700	N	-440	W	4
700	N	-400	W	7
700	N	-360	W	5
700	N	-320	W	4
700	N	-280	W	4
700	N	-240	W	3
700	N	-200	W	4
700	N	-160	W	3
700	N	-120	W	2
700	N	-80	W	2
700	N	-40	W	1
700	N	0	W	1
700	N	40	E	1
700	N	80	E	1
700	N	120	E	4
700	N	160	E	4
700	N	200	E	4
700	N	240	E	5
700	N	280	E	1
700	N	320	E	8
700	N	360	E	12
700	N	400	E	11
700	N	440	E	8
700	N	480	E	5
700	N	500	E	4
650	N	250	E	7
650	N	260	E	3
650	N	270	E	4
650	N	280	E	3
650	N	290	E	0

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

650	N	300	E	-1
650	N	310	E	-1
650	N	320	E	1
650	N	330	E	3
650	N	340	E	5
650	N	350	E	7
650	N	360	E	9
650	N	370	E	14
650	N	380	E	12
650	N	390	E	11
650	N	400	E	11
650	N	410	E	10
650	N	420	E	10
650	N	430	E	8
650	N	440	E	6
650	N	450	E	9
650	N	460	E	7
650	N	470	E	9
650	N	480	E	7
650	N	490	E	8
650	N	500	E	6
650	N	510	E	4
650	N	520	E	5
650	N	530	E	4
650	N	540	E	7
650	N	550	E	2
650	N	560	E	5
650	N	570	E	6
650	N	580	E	2
650	N	590	E	8
650	N	600	E	3
600	N	-480	W	2
600	N	-440	W	3
600	N	-400	W	4
600	N	-360	W	7
600	N	-320	W	4
600	N	-280	W	4
600	N	-240	W	4
600	N	-200	W	5
600	N	-160	W	7
600	N	-120	W	3
600	N	-80	W	1
600	N	-40	W	0
600	N	0	W	2
600	N	40	E	-2
600	N	80	E	1
600	N	120	E	0
600	N	160	E	3
600	N	200	E	7
600	N	240	E	5
600	N	250	E	5
600	N	260	E	5
600	N	270	E	4

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

600	N	280	E	4
600	N	290	E	2
600	N	300	E	4
600	N	310	E	2
600	N	320	E	3
600	N	330	E	5
600	N	340	E	4
600	N	350	E	7
600	N	360	E	7
600	N	370	E	10
600	N	380	E	12
600	N	390	E	13
600	N	400	E	11
600	N	410	E	12
600	N	420	E	6
600	N	430	E	10
600	N	440	E	9
600	N	450	E	8
600	N	460	E	9
600	N	470	E	11
600	N	480	E	12
600	N	490	E	10
600	N	500	E	10
600	N	510	E	10
600	N	520	E	6
600	N	530	E	5
600	N	540	E	5
600	N	550	E	6
600	N	560	E	3
600	N	570	E	6
600	N	580	E	6
600	N	590	E	7
600	N	600	E	5
600	N	620	E	5
600	N	640	E	3
600	N	660	E	4
600	N	680	E	3
600	N	700	E	4
550	N	600	W	-3
550	N	590	W	3
550	N	580	W	5
550	N	570	W	4
550	N	560	W	5
550	N	550	W	5
550	N	540	W	9
550	N	530	W	7
550	N	520	W	8
550	N	510	W	12
550	N	500	W	13
550	N	490	W	8
550	N	480	W	8
550	N	470	W	6
550	N	460	W	6

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

550	N	450	W	7
550	N	440	W	6
550	N	430	W	3
550	N	420	W	3
550	N	410	W	3
550	N	400	W	6
550	N	390	W	7
550	N	380	W	6
550	N	370	W	7
550	N	360	W	5
550	N	350	W	5
550	N	340	W	5
550	N	330	W	4
550	N	320	W	4
550	N	310	W	3
550	N	300	W	-3
550	N	290	W	-5
550	N	280	W	-1
550	N	270	W	2
550	N	260	W	4
550	N	250	W	4
500	N	-480	W	3
500	N	-440	W	2
500	N	-400	W	2
500	N	-360	W	4
500	N	-320	W	2
500	N	-280	W	3
500	N	-240	W	3
500	N	-200	W	3
500	N	-160	W	4
500	N	-120	W	4
500	N	-80	W	2
500	N	-40	W	3
500	N	0	W	2
500	N	40	E	1
500	N	80	E	0
500	N	120	E	5
500	N	160	E	5
500	N	200	E	9
500	N	240	E	9
500	N	250	E	9
500	N	260	E	5
500	N	270	E	4
500	N	280	E	-3
500	N	290	E	-1
500	N	300	E	-3
500	N	310	E	0
500	N	320	E	1
500	N	330	E	3
500	N	340	E	2
500	N	350	E	4
500	N	360	E	3
500	N	370	E	6

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

500	N	380	E	5
500	N	390	E	4
500	N	400	E	5
500	N	410	E	4
500	N	420	E	2
500	N	430	E	7
500	N	440	E	5
500	N	450	E	5
500	N	460	E	7
500	N	470	E	6
500	N	480	E	7
500	N	490	E	6
500	N	500	E	6
500	N	510	E	6
500	N	520	E	7
500	N	530	E	6
500	N	540	E	7
500	N	550	E	8
500	N	560	E	9
500	N	570	E	5
500	N	580	E	4
500	N	590	E	4
500	N	600	E	2
500	N	620	E	-3
500	N	640	E	2
500	N	660	E	0
500	N	680	E	1
500	N	700	E	2
450	N	240	E	8
450	N	250	E	8
450	N	260	E	7
450	N	270	E	4
450	N	280	E	1
450	N	290	E	-5
450	N	300	E	-4
450	N	310	E	0
450	N	320	E	3
450	N	330	E	2
450	N	340	E	2
450	N	350	E	2
450	N	360	E	3
450	N	370	E	3
450	N	380	E	2
450	N	390	E	4
450	N	400	E	4
450	N	410	E	4
450	N	420	E	5
450	N	430	E	6
450	N	440	E	6
450	N	450	E	8
450	N	460	E	7
450	N	470	E	8
450	N	480	E	8

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

450	N	490	E	6
450	N	500	E	6
450	N	510	E	7
450	N	520	E	8
450	N	530	E	7
450	N	540	E	9
450	N	550	E	9
450	N	560	E	6
450	N	570	E	7
450	N	580	E	10
450	N	590	E	6
450	N	600	E	5
400	N	-480	W	-1
400	N	-440	W	0
400	N	-400	W	0
400	N	-360	W	1
400	N	-320	W	1
400	N	-280	W	-1
400	N	-240	W	0
400	N	-200	W	2
400	N	-160	W	5
400	N	-120	W	4
400	N	-80	W	3
400	N	-40	W	5
400	N	0	W	3
400	N	20	E	0
400	N	40	E	-1
400	N	60	E	-2
400	N	80	E	-3
400	N	100	E	-1
400	N	120	E	1
400	N	140	E	1
400	N	160	E	2
400	N	180	E	-2
400	N	200	E	-2
400	N	220	E	5
400	N	240	E	9
400	N	250	E	9
400	N	260	E	10
400	N	270	E	8
400	N	280	E	9
400	N	290	E	8
400	N	300	E	6
400	N	310	E	1
400	N	320	E	0
400	N	330	E	3
400	N	340	E	2
400	N	350	E	6
400	N	360	E	8
400	N	370	E	9
400	N	380	E	9
400	N	390	E	9
400	N	400	E	9

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

400	N	410	E	6
400	N	420	E	7
400	N	430	E	11
400	N	440	E	11
400	N	450	E	10
400	N	460	E	9
400	N	470	E	10
400	N	480	E	10
400	N	490	E	11
400	N	500	E	11
400	N	510	E	12
400	N	520	E	11
400	N	530	E	9
400	N	540	E	12
400	N	550	E	10
400	N	560	E	11
400	N	570	E	12
400	N	580	E	11
400	N	590	E	12
400	N	600	E	11
400	N	620	E	13
400	N	640	E	11
400	N	660	E	4
400	N	680	E	5
400	N	700	E	2
300	N	-480	W	3
300	N	-440	W	3
300	N	-400	W	6
300	N	-360	W	5
300	N	-320	W	6
300	N	-280	W	5
300	N	-240	W	5
300	N	-200	W	2
300	N	-160	W	3
300	N	-120	W	3
300	N	-80	W	2
300	N	-40	W	4
300	N	0	W	2
300	N	20	E	3
300	N	40	E	2
300	N	60	E	1
300	N	80	E	2
300	N	100	E	0
300	N	120	E	-1
300	N	140	E	-2
300	N	160	E	-1
300	N	180	E	0
300	N	200	E	-1
300	N	220	E	-1
300	N	240	E	0
300	N	260	E	2
300	N	280	E	2
300	N	300	E	1

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

300	N	320	E	-7
300	N	340	E	-4
300	N	360	E	-1
300	N	380	E	0
300	N	400	E	2
300	N	420	E	2
300	N	440	E	0
300	N	460	E	1
300	N	480	E	2
300	N	500	E	4
200	N	-480	W	8
200	N	-440	W	10
200	N	-400	W	10
200	N	-360	W	10
200	N	-320	W	12
200	N	-280	W	9
200	N	-240	W	9
200	N	-200	W	9
200	N	-160	W	8
200	N	-120	W	8
200	N	-80	W	8
200	N	-40	W	9
200	N	0	W	9
200	N	20	E	11
200	N	40	E	13
200	N	60	E	14
200	N	80	E	13
200	N	100	E	11
200	N	120	E	10
200	N	140	E	10
200	N	160	E	11
200	N	180	E	9
200	N	200	E	9
200	N	220	E	8
200	N	240	E	10
200	N	260	E	11
200	N	280	E	9
200	N	300	E	9
200	N	320	E	10
200	N	340	E	9
200	N	360	E	8
200	N	380	E	6
200	N	400	E	4
200	N	420	E	6
200	N	440	E	9
200	N	460	E	9
200	N	480	E	10
200	N	500	E	9
100	N	-480	W	9
100	N	-440	W	7
100	N	-400	W	6
100	N	-360	W	9
100	N	-320	W	10

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

100	N	-280	W	14
100	N	-240	W	14
100	N	-200	W	15
100	N	-160	W	15
100	N	-120	W	18
100	N	-80	W	19
100	N	-40	W	16
100	N	-20	W	14
100	N	0	W	11
100	N	20	E	10
100	N	40	E	10
100	N	60	E	10
100	N	80	E	10
100	N	100	E	8
100	N	120	E	9
100	N	140	E	12
100	N	160	E	10
100	N	180	E	10
100	N	200	E	9
100	N	220	E	10
100	N	240	E	8
100	N	260	E	7
100	N	280	E	7
100	N	300	E	
100	N	320	E	
100	N	360	E	
100	N	400	E	
100	N	440	E	
100	N	480	E	
100	S	-1000	W	5
100	S	-960	W	4
100	S	-920	W	2
100	S	-880	W	0
100	S	-840	W	-3
100	S	-800	W	-2
100	S	-760	W	-1
100	S	-720	W	1
100	S	-680	W	2
100	S	-640	W	1
100	S	-600	W	0
100	S	-560	W	1
100	S	-520	W	2
100	S	-480	W	1
100	S	-440	W	3
100	S	-400	W	3
100	S	-360	W	4
100	S	-320	W	3
100	S	-280	W	3
100	S	-240	W	3
100	S	-200	W	2
100	S	-160	W	3
100	S	-120	W	6
100	S	-80	W	7

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

100	S	-40	W	8
100	S	0	W	7
0	N	20	E	7
0	N	40	E	9
0	N	60	E	6
0	N	80	E	4
0	N	100	E	5
0	N	120	E	3
0	N	140	E	1
0	N	160	E	1
0	N	180	E	0
0	N	200	E	2
0	N	220	E	-1
0	N	240	E	1
0	N	260	E	1
0	N	280	E	1
0	N	300	E	3
0	N	320	E	4
0	N	340	E	4
0	N	360	E	3
0	N	380	E	3
0	N	400	E	2
0	N	420	E	3
0	N	440	E	4
0	N	460	E	4
0	N	480	E	2
0	N	500	E	4
100	S	-1000	E	6
100	S	-960	E	4
100	S	-920	E	3
100	S	-880	E	0
100	S	-840	E	-1
100	S	-800	E	-5
100	S	-760	E	1
100	S	-720	E	2
100	S	-680	E	3
100	S	-640	E	1
100	S	-600	E	2
100	S	-560	E	0
100	S	-520	E	1
100	S	-480	E	2
100	S	-440	E	4
100	S	-400	E	3
100	S	-360	E	3
100	S	-320	E	6
100	S	-280	E	5
100	S	-240	E	6
100	S	-200	E	6
100	S	-160	E	7
100	S	-120	E	7
100	S	-80	E	8
100	S	-40	E	8
100	S	0	E	8

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

100	S	40	E	8
100	S	80	E	6
100	S	120	E	8
100	S	160	E	3
100	S	200	E	7
100	S	240	E	5
100	S	280	E	4
100	S	320	E	2
100	S	340	E	2
100	S	360	E	3
100	S	380	E	
100	S	400	E	4
200	S	-1000	W	-11
200	S	-960	W	-8
200	S	-920	W	-6
200	S	-880	W	-6
200	S	-840	W	-4
200	S	-800	W	-2
200	S	-760	W	-2
200	S	-720	W	-3
200	S	-680	W	-2
200	S	-640	W	-4
200	S	-600	W	-5
200	S	-560	W	-7
200	S	-520	W	-7
200	S	-480	W	-10
200	S	-440	W	-8
200	S	-400	W	-8
200	S	-360	W	-6
200	S	-320	W	-9
200	S	-280	W	-11
200	S	-240	W	-6
200	S	-200	W	-7
200	S	-160	W	-7
200	S	-120	W	-9
200	S	-80	W	-6
200	S	-40	W	2
200	S	0	W	-7
300	S	-1064	W	-8
300	S	-1040	W	-4
300	S	-1000	W	-3
300	S	-960	W	-1
300	S	-920	W	0
300	S	-880	W	1
300	S	-840	W	1
300	S	-800	W	4
300	S	-760	W	2
300	S	-720	W	1
300	S	-680	W	3
300	S	-640	W	-1
300	S	-600	W	-2
300	S	-560	W	-2
300	S	-520	W	-1

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

300	S	-480	W	2
300	S	-440	W	-3
300	S	-400	W	-5
300	S	-360	W	-4
300	S	-320	W	-5
300	S	-280	W	-5
300	S	-240	W	-4
300	S	-200	W	1
300	S	-160	W	-4
300	S	-120	W	-3
300	S	-80	W	0
300	S	-40	W	8
300	S	0	W	14
400	S	-1200	E	-1
400	S	-1160	E	0
400	S	-1120	E	10
400	S	-1080	E	8
400	S	-1040	E	5
400	S	-1000	E	2
400	S	-960	E	0
400	S	-920	E	-2
400	S	-880	E	-2
400	S	-840	E	-2
400	S	-800	E	-6
400	S	-760	E	-3
400	S	-720	E	-9
400	S	-680	E	-9
400	S	-640	E	-8
400	S	-600	E	-6
400	S	-560	W	-3
400	S	-520	W	0
400	S	-480	W	-1
400	S	-440	W	0
400	S	-400	W	2
400	S	-360	W	5
400	S	-320	W	3
400	S	-280	W	1
400	S	-240	W	2
400	S	-200	W	1
400	S	-160	W	1
400	S	-120	W	0
500	S	-1200	W	-1
500	S	-1160	W	-2
500	S	-1120	W	-1
500	S	-1080	W	1
500	S	-1040	W	3
500	S	-1000	E	2
500	S	-960	E	-1
500	S	-920	E	-1
500	S	-880	E	-3
500	S	-840	E	-3
500	S	-800	E	-6
500	S	-760	E	-8

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

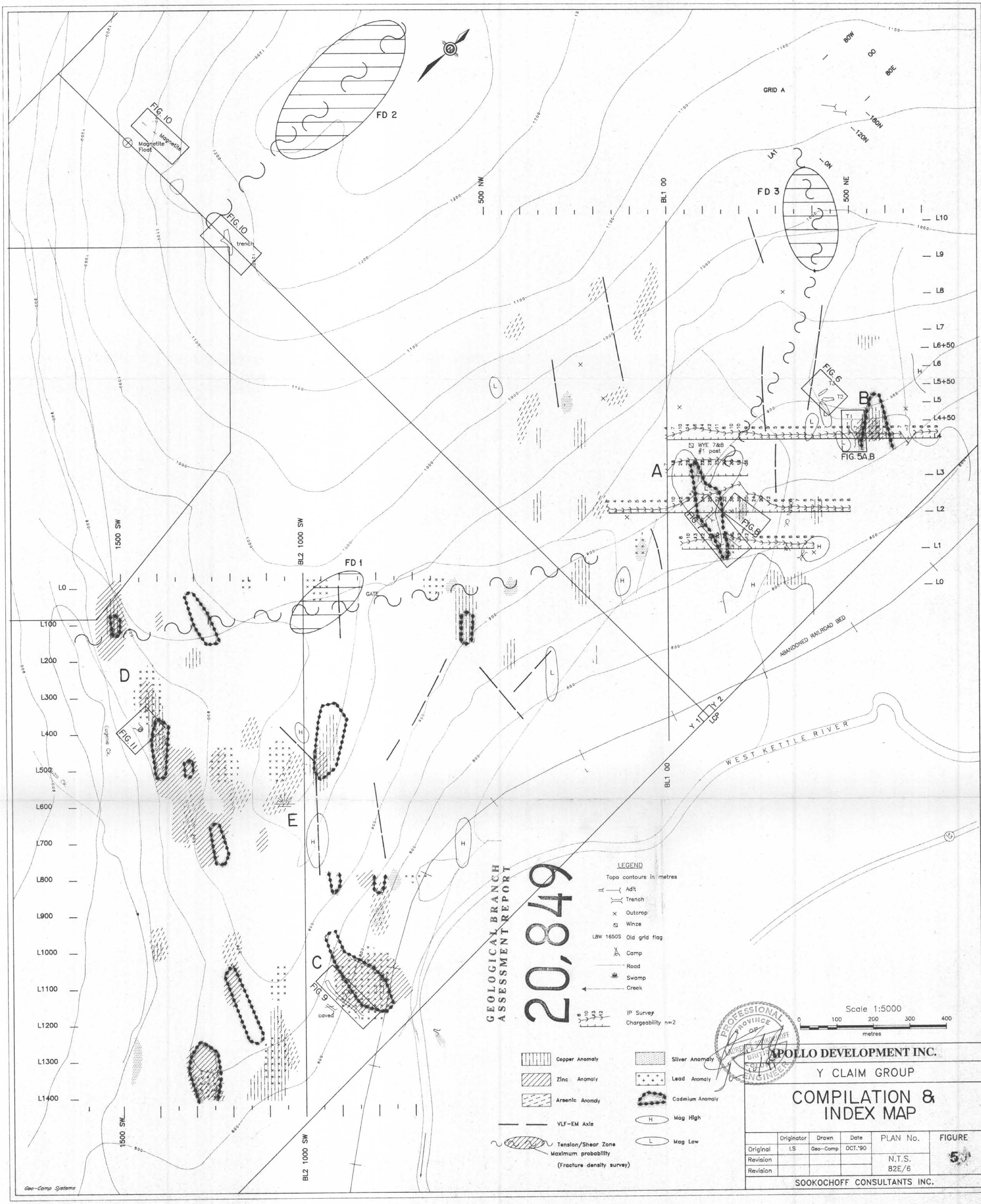
500	S	-720	E	-10
500	S	-680	E	-11
500	S	-640	E	-7
500	S	-600	E	-6
500	S	-560	E	-2
500	S	-520	E	0
500	S	-480	E	-1
500	S	-440	E	-1
500	S	-400	E	0
500	S	-360	E	1
600	S	-1200	E	-2
600	S	-1160	E	-2
600	S	-1120	E	-1
600	S	-1080	E	1
600	S	-1040	E	2
600	S	-1000	E	3
600	S	-960	E	-1
600	S	-920	E	-2
600	S	-880	E	-2
600	S	-840	E	-2
600	S	-800	E	-6
600	S	-760	E	-7
600	S	-720	E	-9
600	S	-680	E	-10
600	S	-640	E	-9
600	S	-600	E	-7
600	S	-560	E	-3
600	S	-520	E	-1
600	S	-480	E	0
600	S	-460	E	-1
600	S	-420	E	-2
700	S	-1200	E	-1
700	S	-1160	E	0
700	S	-1120	E	1
700	S	-1080	E	2
700	S	-1040	E	0
700	S	-1000	E	3
700	S	-960	E	-1
700	S	-920	E	-2
700	S	-880	E	-1
700	S	-840	E	-2
700	S	-800	E	-3
700	S	-760	E	-7
700	S	-720	E	-7
700	S	-680	E	-10
700	S	-640	E	-9
700	S	-600	E	-3
700	S	-560	E	-1
700	S	-520	E	-2
700	S	-480	E	0
800	S	-1200	E	-3
800	S	-1160	E	-2
800	S	-1120	E	0

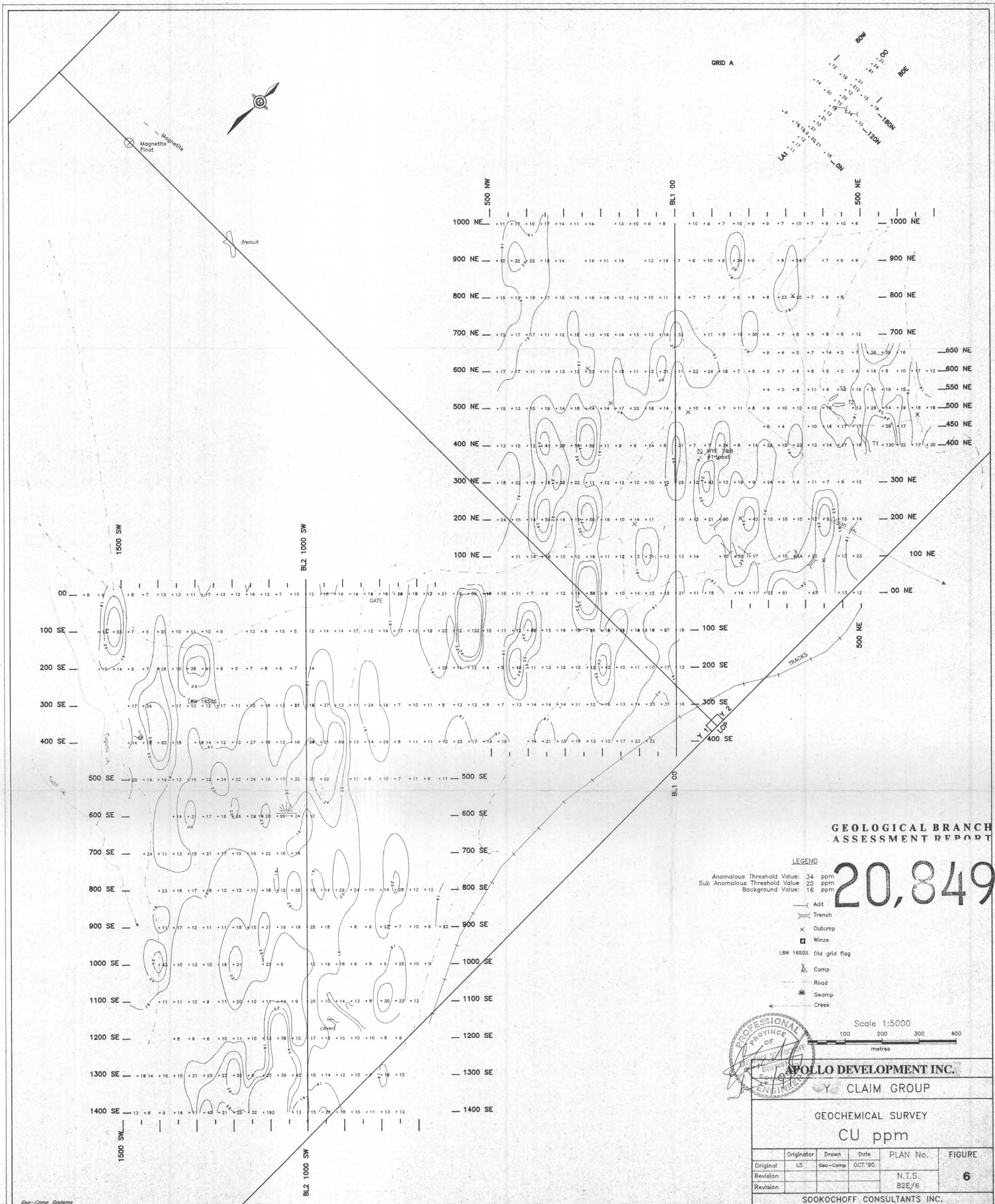
APOLLO DEVELOPMENT I
VLF-EM RAW DATA

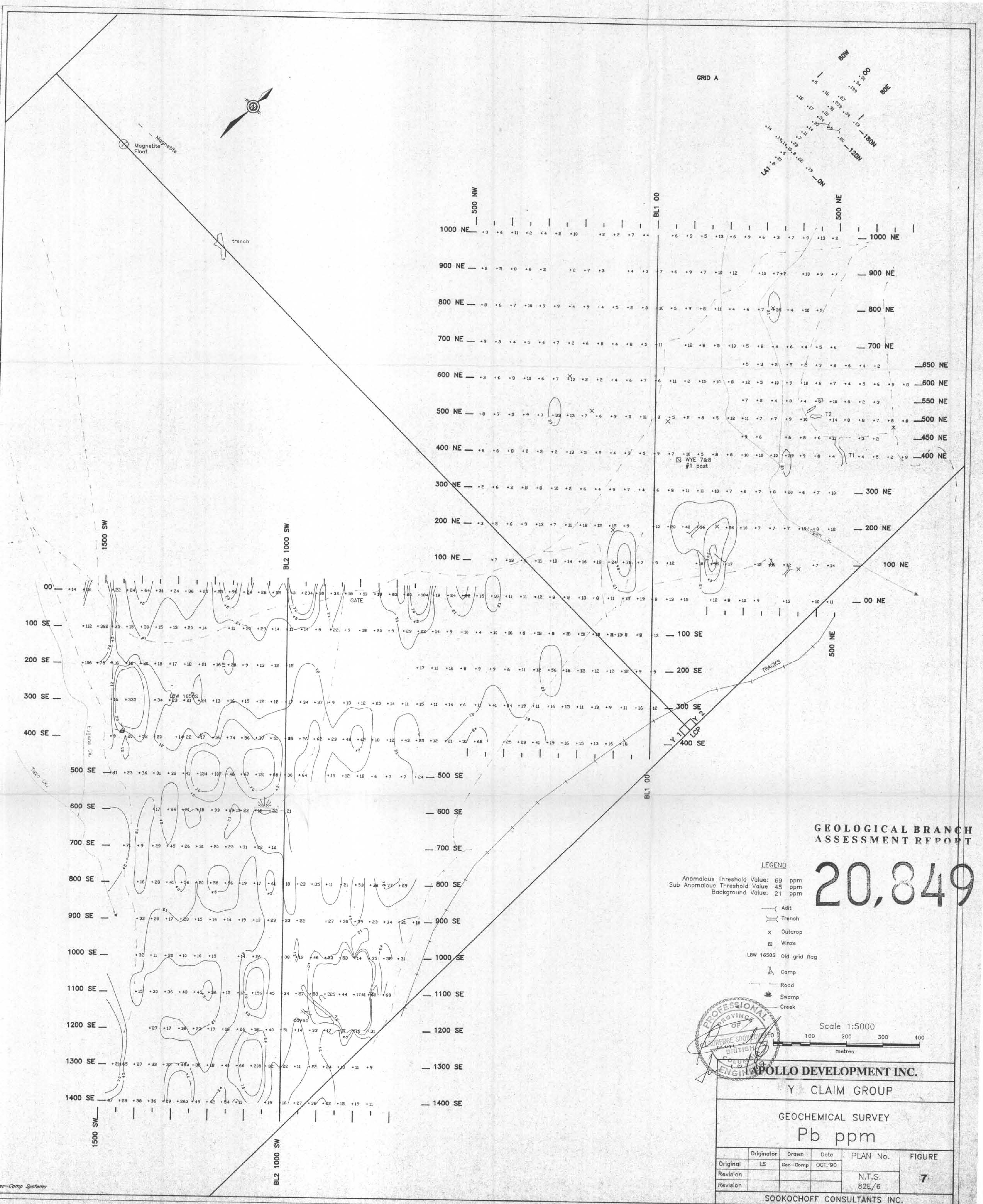
800	S	-1080	E	2
800	S	-1040	E	0
800	S	-1000	E	1
800	S	-960	E	-1
800	S	-920	E	-3
800	S	-880	E	-5
800	S	-840	E	-6
800	S	-800	E	-9
800	S	-760	E	-9
800	S	-720	E	-5
800	S	-680	E	-5
800	S	-640	E	-3
800	S	-600	E	-1
800	S	-560	E	0
800	S	-520	E	-2
800	S	-480	E	-3
180	N	-100	W	5
180	N	-80	W	3
180	N	-60	W	2
180	N	-40	W	3
180	N	-20	W	3
180	N	-10	W	0
180	N	0	E	2
180	N	10	E	-3
180	N	20	E	-1
180	N	40	E	0
180	N	60	E	1
180	N	80	E	1
180	N	100	E	-1
120	N	-100	W	3
120	N	-80	W	2
120	N	-60	W	2
120	N	-40	W	-1
120	N	-20	W	2
120	N	-10	W	1
120	N	0	W	2
120	N	10	E	2
120	N	20	E	0
120	N	40	E	1
120	N	60	E	15
120	N	80	E	2
120	N	100	E	0
120	N	120	E	1
-120	S	0	W	2
-100	S	0	W	1
-80	S	0	W	-3
-60	S	0	W	-2
-40	S	0	W	0
-20	S	0	W	1
0	S	0	W	4
20	N	0	W	5
40	N	0	W	6

APOLLO DEVELOPMENT I
VLF-EM RAW DATA

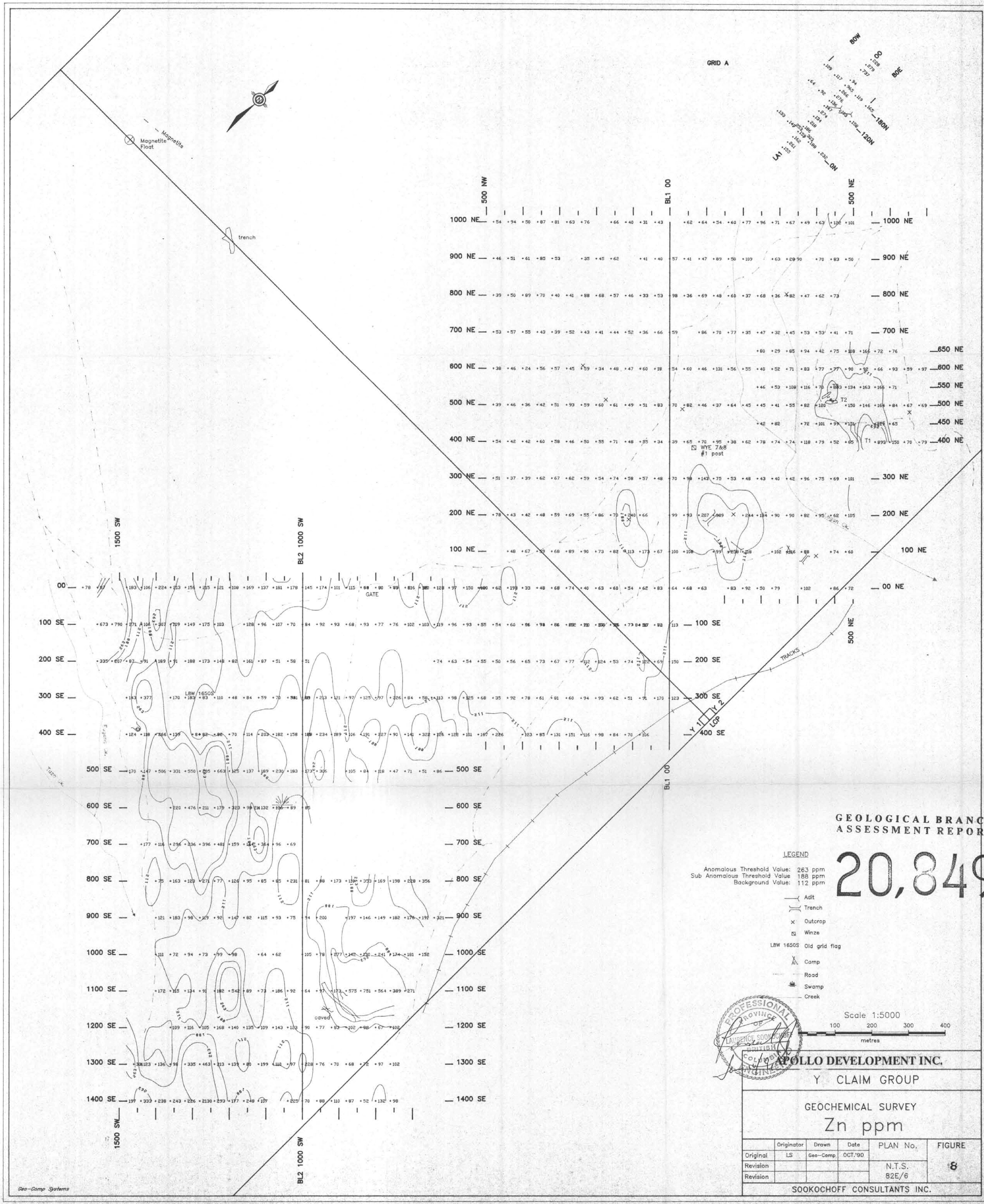
60 N	0 W	2
80 N	0 W	2
100 N	0 W	0
120 N	0 W	0
140 N	0 W	1
160 N	0 W	1
180 N	0 W	2
200 N	0 W	2
220 N	0 W	4
240 N	0 W	2
260 N	0 W	3
280 N	0 W	1
300 N	0 W	-2


FD 2
FD 3
FD 1
GRID A
FIG. 10
Magnetite Float
trench
FIG. 6
FIG. 5A,B
FIG. 8
FIG. 9
FIG. 11
WYE 7&8 #1 post
BL1 00
BL2 1000 SW
500 NW
500 NE
1500 SW
L10
L9
L8
L7
L6+50
L6
L5+50
L5
L4+50
L4
L3
L2
L1
L0
L100
L200
L300
L400
L500
L600
L700
L800
L900
L1000
L1100
L1200
L1300
L1400
A
B
C
D
E
GATE
caved
ABANDONED RAILROAD BED
WEST KETTLE RIVER
Y 1
Y 2
LCP
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,849
LEGEND
Topo contours in metres
Adit
Trench
Outcrop
Winze
L8W 1650S Old grid flag
Camp
Road
Swamp
Creek
IP Survey
Chargeability n=2
Copper Anomaly
Zinc Anomaly
Arsenic Anomaly
Silver Anomaly
Lead Anomaly
Cadmium Anomaly
VLF-EM Axis
Mag High
Mag Low
Tension/Shear Zone
Maximum probability
(Fracture density survey)
Scale 1:5000
0 100 200 300 400
metres
APOLLO DEVELOPMENT INC.
Y CLAIM GROUP
COMPILATION & INDEX MAP
Originator
Drawn
Date
Original
LS
Geo-Comp
OCT.'90
Revision
Revision
PLAN No.
N.T.S.
82E/6
FIGURE
5
SOOKOCHOFF CONSULTANTS INC.
Geo-Comp Systems

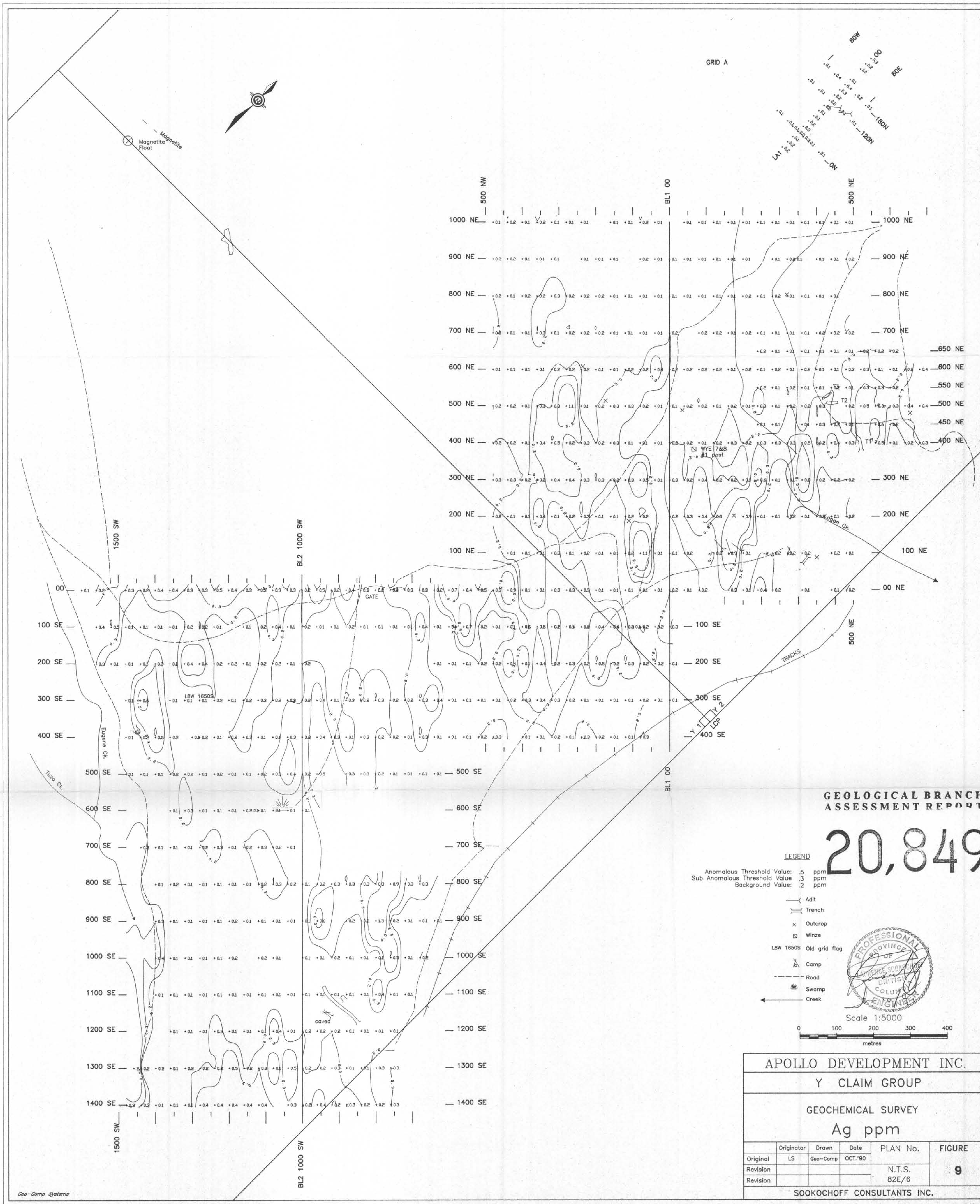

GRID A
Magnetite Float
Magnetite
trench
500 NW
BL1 00
500 NE
1500 SW
BL2 1000 SW
GATE
TRACKS
LCP
Y 1
Y 2
WYE 7&8 #1 post
L8W 1650S
caved
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,849
LEGEND
Anomalous Threshold Value: 34 ppm
Sub Anomalous Threshold Value: 25 ppm
Background Value: 16 ppm
Adit
Trench
Outcrop
Winze
L8W 1650S Old grid flag
Camp
Road
Swamp
Creek
Scale 1:5000
100 200 300 400
metres
APOLLO DEVELOPMENT INC.
Y CLAIM GROUP
GEOCHEMICAL SURVEY
CU ppm
Originator
Drawn
Date
PLAN No.
FIGURE
Original
LS
Geo-Comp
OCT.'90
Revision
Revision
N.T.S.
82E/6
6
SOOKOCHOFF CONSULTANTS INC.
Geo-Comp Systems



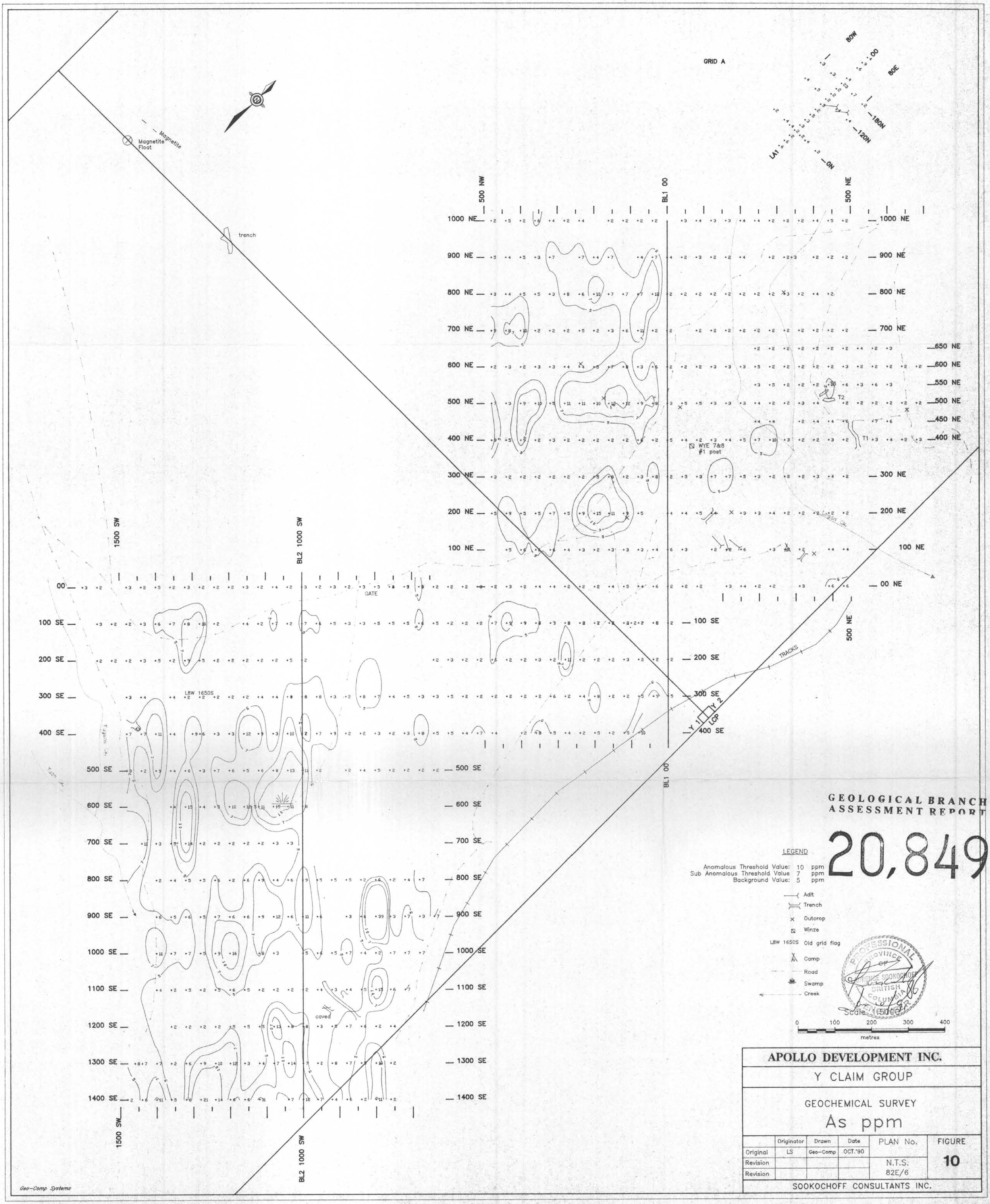
GRID A
Magnetite Float
Magnetite
trench
1000 NE
900 NE
800 NE
700 NE
650 NE
600 NE
550 NE
500 NE
450 NE
400 NE
300 NE
200 NE
100 NE
00 NE
100 SE
200 SE
300 SE
400 SE
500 SE
600 SE
700 SE
800 SE
900 SE
1000 SE
1100 SE
1200 SE
1300 SE
1400 SE
500 NW
BL1 00
500 NE
1500 SW
BL2 1000 SW
WYE 7&8 #1 post
L8W 1650S
GATE
TRACKS
LCP
caved
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,849
LEGEND
Anomalous Threshold Value: 69 ppm
Sub Anomalous Threshold Value 45 ppm
Background Value: 21 ppm
Adit
Trench
Outcrop
Winze
L8W 1650S Old grid flag
Camp
Road
Swamp
Creek
Scale 1:5000
100 200 300 400
metres
PROFESSIONAL
PROVINCE OF BRITISH COLUMBIA
LAURENCE SOOKOCHOFF
ENGINEER
APOLLO DEVELOPMENT INC.
Y CLAIM GROUP
GEOCHEMICAL SURVEY
Pb ppm
Originator | Drawn | Date | PLAN No. | FIGURE
Original | LS | Geo-Comp | OCT.'90
Revision
Revision
N.T.S. 82E/6
7
SOOKOCHOFF CONSULTANTS INC.
Geo-Comp Systems



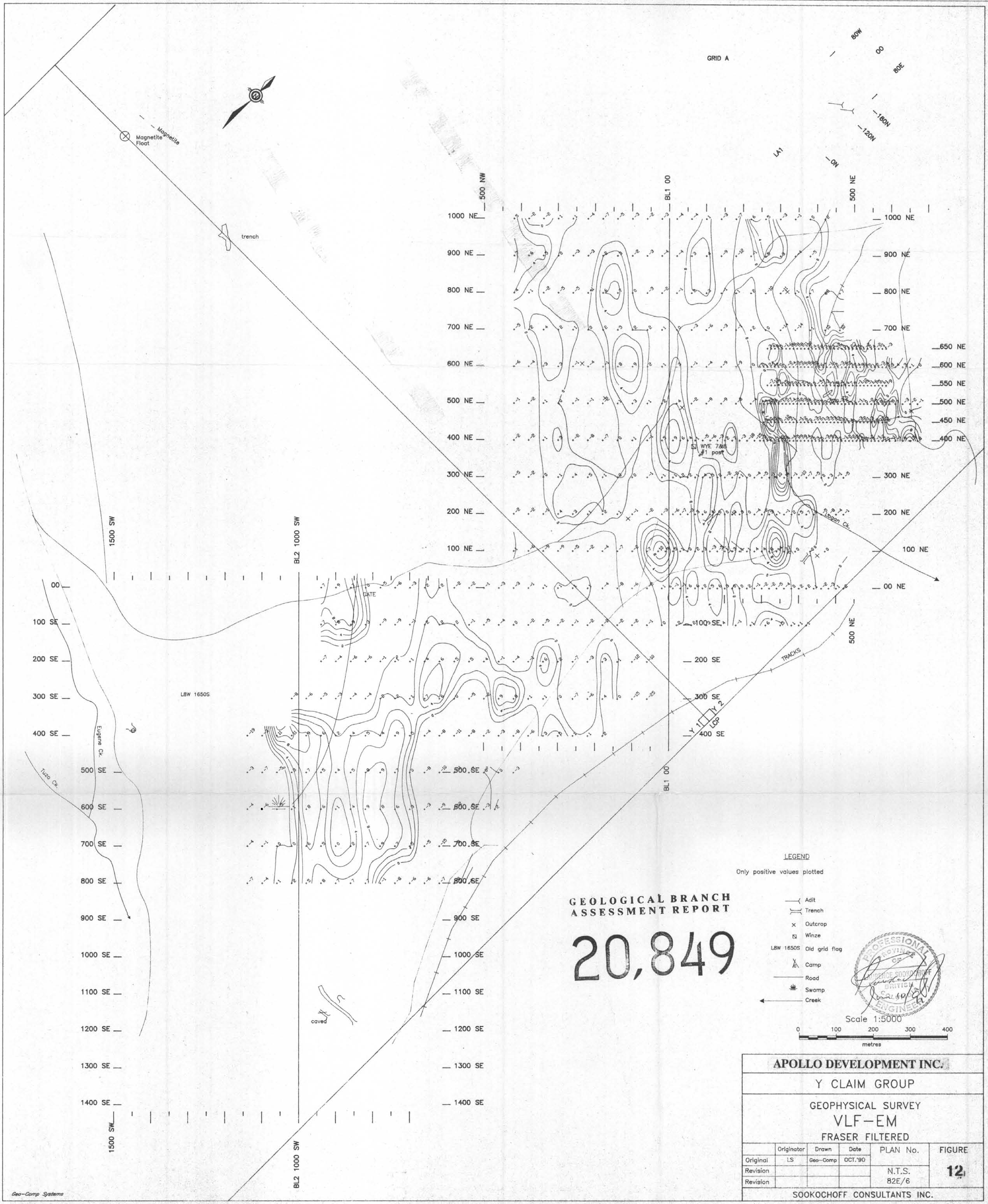
GRID A
Magnetite Float
Magnetite
trench
500 NW
BL1 00
500 NE
1500 SW
BL2 1000 SW
GATE
TRACKS
LCP
Y 1
Y 2
WYE 7&8 #1 post
T1
T2
L8W 1650S
caved
1000 NE
900 NE
800 NE
700 NE
650 NE
600 NE
550 NE
500 NE
450 NE
400 NE
300 NE
200 NE
100 NE
00 NE
00
100 SE
200 SE
300 SE
400 SE
500 SE
600 SE
700 SE
800 SE
900 SE
1000 SE
1100 SE
1200 SE
1300 SE
1400 SE
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,849
LEGEND
Anomalous Threshold Value: 263 ppm
Sub Anomalous Threshold Value 188 ppm
Background Value: 112 ppm
Adit
Trench
Outcrop
Winze
L8W 1650S Old grid flag
Camp
Road
Swamp
Creek
Scale 1:5000
100
200
300
400
metres
PROFESSIONAL
PROVINCE OF
LAURENCE SOOKOCHOFF
BRITISH COLUMBIA
ENGINEER
APOLLO DEVELOPMENT INC.
Y CLAIM GROUP
GEOCHEMICAL SURVEY
Zn ppm
Originator
Drawn
Date
PLAN No.
FIGURE
Original
LS
Geo-Comp
OCT.'90
8
Revision
N.T.S.
82E/6
SOOKOCHOFF CONSULTANTS INC.
Geo-Comp Systems



GRID A
Magnetite Float
Magnetite
500 NW
BL1 00
500 NE
1000 NE
900 NE
800 NE
700 NE
650 NE
600 NE
550 NE
500 NE
450 NE
400 NE
300 NE
200 NE
100 NE
00 NE
WYE 7&8 #1 post
1500 SW
BL2 1000 SW
00
100 SE
200 SE
300 SE
400 SE
500 SE
600 SE
700 SE
800 SE
900 SE
1000 SE
1100 SE
1200 SE
1300 SE
1400 SE
GATE
L8W 1650S
Eugene Ck.
Tuzo Ck.
TRACKS
LCP
Y 1
Y 2
caved
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,849
LEGEND
Anomalous Threshold Value: .5 ppm
Sub Anomalous Threshold Value .3 ppm
Background Value: .2 ppm
Adit
Trench
Outcrop
Winze
L8W 1650S Old grid flag
Camp
Road
Swamp
Creek
Scale 1:5000
0 100 200 300 400
metres
APOLLO DEVELOPMENT INC.
Y CLAIM GROUP
GEOCHEMICAL SURVEY
Ag ppm
Originator Drawn Date PLAN No. FIGURE
Original LS Geo-Comp OCT.'90
Revision N.T.S. 82E/6 9
Revision
SOOKOCHOFF CONSULTANTS INC.
Geo-Comp Systems


GRID A
Magnetite Float
Magnetite
trench
GATE
L8W 1650S
TRACKS
WYE 7&8
#1 post
T1
T2
caved
LCP
Y 1
Y 2
BL1 00
BL2 1000 SW
1500 SW
500 NW
500 NE
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,849
LEGEND
Anomalous Threshold Value: 10 ppm
Sub Anomalous Threshold Value 7 ppm
Background Value: 5 ppm
Adit
Trench
Outcrop
Winze
L8W 1650S Old grid flag
Camp
Road
Swamp
Creek
Scale 1:5000
0 100 200 300 400
metres
APOLLO DEVELOPMENT INC.
Y CLAIM GROUP
GEOCHEMICAL SURVEY
As ppm
Originator Drawn Date PLAN No. FIGURE
Original LS Geo-Comp OCT.'90
Revision N.T.S.
Revision 82E/6
10
SOOKOCHOFF CONSULTANTS INC.
Geo-Comp Systems

GRID A
Magnetite Float
BL1 00
BL2 1000 SW
1500 SW
500 NW
500 NE
Eugene Ck.
Tuzo Ck.
GATE
TRACKS
LCP
Y 1
Y 2
WYE 7&8 #1 post
caved
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,849
LEGEND
Anomalous Threshold Value: 1.0 ppm
Sub Anomalous Threshold Value 0.7 ppm
Background Value: 0.4 ppm
Adit
Trench
Outcrop
Winze
L8W 1650S Old grid flag
Camp
Road
Swamp
Creek
Scale 1:5000
0 100 200 300 400
metres
APOLLO DEVELOPMENT INC.
Y CLAIM GROUP
GEOCHEMICAL SURVEY
CD ppm
Originator Drawn Date
Original LS Geo-Comp OCT.'90
Revision
Revision
PLAN No.
N.T.S. 82E/6
FIGURE 11
SOOKOCHOFF CONSULTANTS INC.
Geo-Comp Systems


GRID A
Magnetite Float
Magnetite
trench
500 NW
BL1 00
500 NE
1000 NE
900 NE
800 NE
700 NE
650 NE
600 NE
550 NE
500 NE
450 NE
400 NE
300 NE
200 NE
100 NE
00 NE
WYE 7&8
#1 post
Logan Ck.
1500 SW
BL2 1000 SW
00
100 SE
200 SE
300 SE
400 SE
500 SE
600 SE
700 SE
800 SE
900 SE
1000 SE
1100 SE
1200 SE
1300 SE
1400 SE
L8W 1650S
Eugene Ck.
Tuzo Ck.
GATE
TRACKS
LCP
Y 1
Y 2
caved
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,849
LEGEND
Only positive values plotted
Adit
Trench
Outcrop
Winze
L8W 1650S Old grid flag
Camp
Road
Swamp
Creek
Scale 1:5000
0
100
200
300
400
metres
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
APOLLO DEVELOPMENT INC.
Y CLAIM GROUP
GEOPHYSICAL SURVEY
VLF–EM
FRASER FILTERED
Originator
Drawn
Date
PLAN No.
FIGURE
Original
LS
Geo-Comp
OCT.'90
Revision
N.T.S.
82E/6
12
Revision
SOOKOCHOFF CONSULTANTS INC.
Geo-Comp Systems