LOG NO: 11-08	RD.
ACTION:	
FILE NO:	

ATTWOOD GOLD CORPORATION

REPORT ON A SOIL GEOCHEMICAL

SURVEY ON THE WINNIPEG-GOLDEN CROWN-HARTFORD AREA OF THE

GOLDEN CROWN PROJECT

Greenwood Mining Division
B.C.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,431

PART 2 OF 3

NTS: 82E/2E
LATITUDE: 49°06'
LONGITUDE: 118°06'
AUTHOR: Gordon Ford, B.Sc, P.Eng.
DATE OF WORK: May 1990
DATE OF REPORT: October 1990

TABLE OF CONTENTS

INTRODUCTION

The Golden Crown Project, located 5 km East of Greenwood B.C., incorporates the historic Winnipeg and Golden Crown gold-copper mines. The Winnipeg is reported to have been the largest gold mine in the Phoenix-Greenwood Camp.

Following the closure of the smelters at Greenwood and Grand Forks in 1919, other than limited production in the early 1930's and late 1940's, little recorded work was done on the Winnipeg-Golden Crown area until the mid 1970's.

Since that time, various geochemical and geophysical surveys have been conducted over portions of the 4.3 km long zone of gold bearing sulphide veins, a 782 meter adit was driven to provide underground access to the Winnipeg-Golden Crown area, extensive trenching and some 220 surface and underground diamond drill holes have been completed.

In the North Western portion of the gold vein zone, the Crown II area, Noranda Exploration Company Limited carried out a comprehensive exploration program in 1986 and 1987. This work consisted of line cutting, soil geochemistry, geologic mapping, magnetic, VLF-EM and IP geophysical surveys, trenching and Diamond and Reverse Circulation drilling. A number of attractive gold sulphide veins were discovered but Noranda returned the property without pattern drilling to define reserves.

In the South Eastern portion of the property, the Winnipeg-Golden Crown-Hartford area, similar work was intermittently carried out on small flagged chain and compass grids which have since been obliterated by time and logging activity.

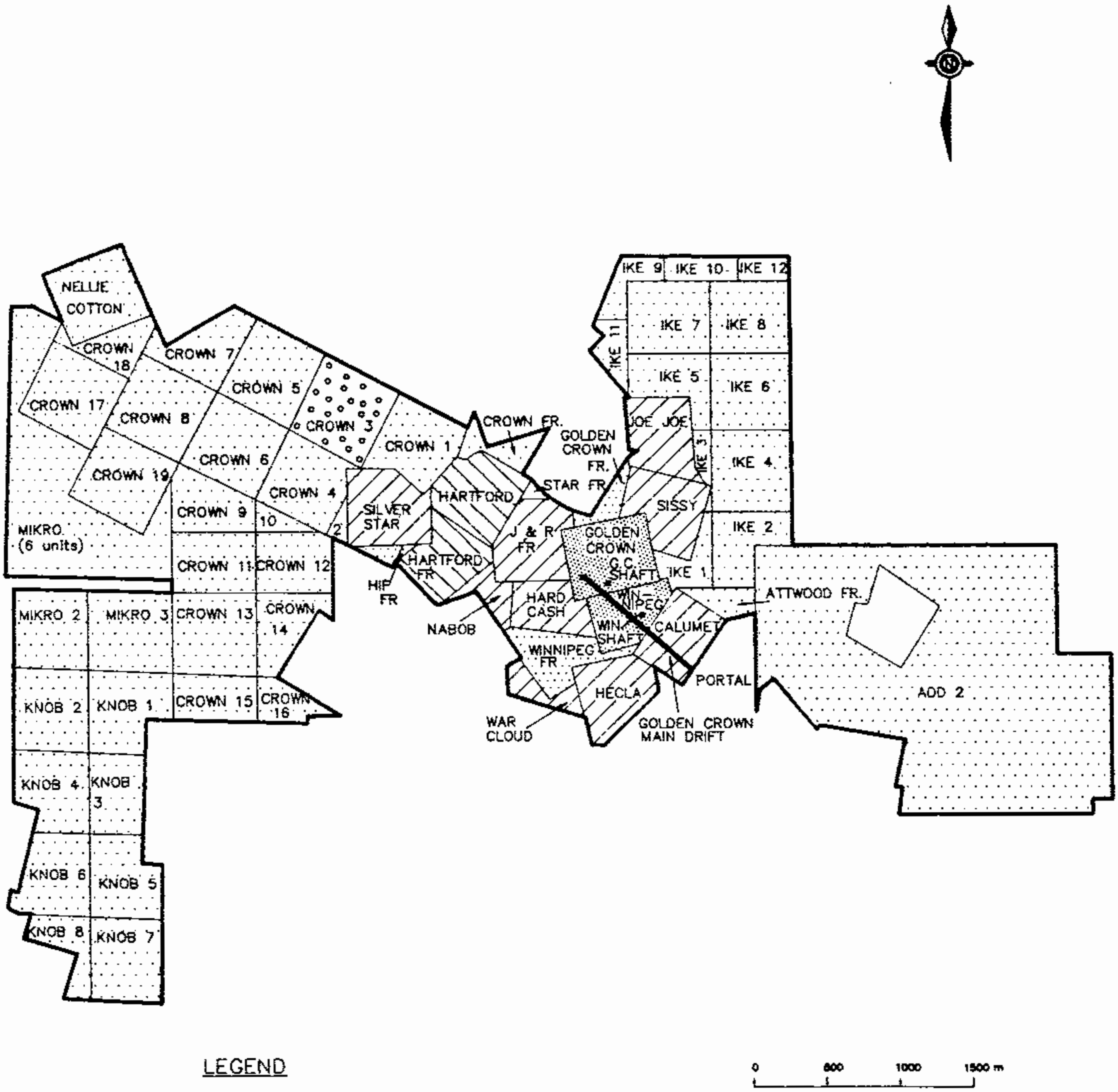
In May 1990, White Geophysical Inc. extended the Noranda grid to the SE over the Winnipeg-Golden Crown-Hartford area and carried out magnetic and VLF-EM geophysical surveys. A geochemical survey, the subject of this report, was carried out under the direction of the Author as part of the program to develop a consistant, comprehensive geologic data base for the known area of gold-sulphide veins.

PROPERTY

The property consists of two Crown Grants, twelve Reverted Crown Grants, of which two have private surface ownership, forty four two-post claims and fractions, and two four-post mineral claims totalling 18 units.

These claims are listed on table I and their relative positions are shown on figure 1.

The Crown No. 3 claims appear to have overstaked the Wendy No. 3 claim.



LEGEND

CROWN GRANTS
Surface & mineral rights

REVERTED CROWN GRANTS
Surface by othters

REVERTED CROWN GRANTS
Surface use

2 POST & 4 POST
Mineral claims

Reported overstaking
of claims owned by others

ATTWOOD GOLD CORP.
VANCOUVER, B.C.

GOLDEN CROWN PROPERTY
GREENWOOD M.D.

CLAIM MAP

SCALE: AS SHOWN	DATE: Aug.'90	N.T.S. 82E/2E	DRAWN BY: GEO-COMP	FIGURE: 1

TABLE I

DESCRIPTION OF PROPERTIES

Name	Lot No.	Record No.	Expiry Date
Crown Granted Mineral Claims			
Golden Crown	600	N/A	N/A
Winnipeg	599	N/A	N/A
Reverted Crown Granted Mineral Claims and Fractions			
Hecla	859	1772	December 12, 1994
War Cloud Fr.	1316	1773	December 12, 1994
Hard Cash	1062	1774	December 12, 1994
Nabob Fr.	1063	1774	December 12, 1994
Joe Joe	7595	1775	December 12, 1994
Sissy	1068	1776	December 12, 1994
Calumet	1314	1777	December 12, 1994
J & R	(L.1059)	1865	November 8, 1991
Silver Star	(L.1550)	1926	December 21, 1991
Hartford	(L.1057)	1927	December 21, 1990
Hartford Fr.	(L.1061)	1928	December 21, 1990
Nellie Cotton	(L.1460)	2173	May 13, 1993
Mineral Claims			
Win Fr.		1784	September 24, 1994
Attwood No. 1 Fraction		4243	February 25, 1996
Add No. 2 (12 units)		4615	June 23, 1995
Ike 1		1972	January 23, 1994
Ike 2		1973	January 23, 1994
Ike 3		1974	January 23, 1994
Ike 4		1975	January 23, 1994
Ike 5		1976	January 23, 1994
Ike 6		1977	January 23, 1994
Ike 7		1978	January 23, 1994
Ike 8		1979	January 23, 1994
Ike 9		2023	February 6, 1994
Ike 10		2024	February 6, 1994
Ike 11		2025	February 6, 1994
Ike 12		2026	February 6, 1994

Crown 1	1986	January 28, 1993
Crown 2	1987	January 28, 1993
Crown 3	1988	January 28, 1993
Crown 4	1989	January 28, 1993
Crown 5	1990	January 28, 1993
Crown 6	1991	January 28, 1993
Crown 7	1992	January 28, 1993
Crown 8	1993	January 28, 1993
Crown 9	2015	February 6, 1993
Crown 10	2016	February 6, 1993
Crown 11	2017	February 6, 1993
Crown 12	2018	February 6, 1993
Crown 13	2019	February 6, 1993
Crown 14	2020	February 6, 1993
Crown 15	2021	February 6, 1993
Crown 16	2022	February 6, 1993
Crown 17	2202	May 28, 1993
Crown 18	2203	May 28, 1993
Crown 19	2204	May 28, 1993
Hip Fr.	2199	May 28, 1993
Golden Crown Fr.	2200	May 28, 1993
Star Fr.	2201	May 28, 1993
Crown Fr.	2027	February 6, 1993
Mikro (6 units)	4426	November 1, 1990
Knob 1	4435	November 14, 1990
Knob 2	4436	November 14, 1990
Knob 3	4437	November 14, 1990
Knob 4	4438	November 14, 1990
Knob 5	4439	November 14, 1990
Knob 6	4440	November 14, 1990
Knob 7	4441	November 14, 1990
Knob 8	4442	November 14, 1990
Mikro 2	4536	March 12, 1993
Mikro 3	4537	March 12, 1993

Being seventy-one mineral claims, in the Greenwood Mining Division, Province of British Columia.

PREVIOUS WORK

The history of the Golden Crown Project area dates back to 1891 when the low grade copper deposits at Phoenix, immediately north of the Golden Crown project property, were discovered and the Winnipeg and Golden Crown claims were staked.

Details on the original work in the project area are sketchy.

Considerable development work had been completed on the Winnipeg and Golden Crown properties by 1896 and three years later it is reported that the Winnipeg shaft had been sunk to 300 ft with 275 ft of development completed on the 100 ft level as well as the cutting of a station on the 200 ft level. On the adjacent Golden Crown claim, the shaft had also reached 300 ft and levels developed at 100 ft, 150 ft and 300 ft. By 1901, a 250 ft shaft had been sunk on the Hartford vein and 150 ft of cross cutting and drifting completed.

Work on the J & R claim between the Hartford claim and the Golden Crown claim consisting of "75 ft of shafting and Cross Cutting" had been completed.

On the Winnipeg and Golden Crown, production was reported in the 1901-1903 period and again in 1910-1912.

In 1919 a strike by coal miners resulted in the closure of the smelters in Greenwood and Grand Forks and the large copper mines at Phoenix.

No activity is reported on the Golden Crown property between 1912 and 1938. During 1938 and the following three years, small tonnages of ore were shipped, probably from near surface stopes, on the McArthur Vein.

The property then lay idle until 1965 when Sabina Mines and Scurry Rainbow carried out geophysical surveys and diamond drilling over a four year period, mainly looking for nickel in serpentinites.

In 1970 Granby, which had reactivated the Phoenix mines as an open pit operation, carried out IP surveys and possibly some drilling on the Wendy Group which included much of the present property northwest of the Golden Crown claim.

Since 1976 activity on the project area has been more or less continuous, as tabulated below:

1976: Golden Crown Syndicate drilled four holes.

1977-1978: Con Am Resources optioned the property and drilled four holes.

1979: Consolidated Boundary Exploration drilled four holes.

1980: The Winnipeg Golden Crown area was optioned by Mundee Mines, which among other things dewatered the Golden Crown shaft to the 100 ft level and drilled 16 holes. Two holes were drilled on the J & R claim by others.

1981: A further nine holes were drilled by Mundee Mines on the Winnipeg Golden Crown area, while Argenta Resources carried out geophysical surveys and drilled four holes on the J & R fraction.

1982: No activity.

1983: Geophysical and geochemical surveys were completed on the Winnipeg Golden Crown area along with backhoe trenching and 18 diamond drill holes.

1984: Consolidated Boundary drilled four or more holes on the Winnipeg Golden Crown claims and 12 holes on the J & R fraction.

1985: Four holes were drilled on the Golden Crown and five on the Crown No. 6 claim in an area of old workings labled the northwest zone. These workings may be the Bald Eagle workings shown on the geological map accompanying G.S.C. paper 45-20 by D.A. McNaughton.

1986: On the Winnipeg Golden Crown area, Consolidated Boundary/Grand Forks Mines drilled 17 holes, mainly on the south zone. The area west of Golden Crown claims was optioned to Noranda Exploration Ltd. Noranda established a large grid on the south flank of Knob Hill, carried out geological, geochemical and geophysical surveys, excavated 26 trenches and drilled five diamond drill holes. This work may have rediscovered the Red Rock showings that are located on McNaughton's map.

1987: Noranda completed three diamond drill holes and ten Reverse Circulation drill holes on their portion of the property while Consolidated Boundary/Grand Forks drilled a reported ten holes. In September 1987, a trackless adit was collared on the eastern boundary of the Calumet Claim. At year end the adit had advanced about 444 meters and one underground drillhole completed to locate the flooded Winnipeg workings.

1988: The trackless adit was completed at 782 meters from the portal. In early 1988 crosscuts were driven to the Golden Crown shaft, the King Vein, to drill stations and to the expected location of the Winnipeg shaft. A raise was also completed to the Golden Crown 100 ft level. During the year, 48 diamond drill holes were completed underground and 12 were completed from the surface. Attwood Gold Corp. became the sole owner of the project.

1989: The development program was completed early in the year with the drilling of an additional 14 holes from surface and five from underground.

In May, R.H. Seraphim, Ph.D., P.Eng. estimated the reserves in the Winnipeg Golden Crown area at 62,670 tons grading 0.445 oz Au/ton, 0.52 oz Ag/ton and 0.7% Cu.

LOCATION & ACCESS

The Golden Crown Project area is located 5 km West of Greenwood, B.C. or 13 km North West of Grand Forks, B.C. Access to the property from Highway No. 3, the Southern Trans Provincial or Crowsnest Highway, is via the Phoenix Mine road to the site of the old town of Phoenix and thence South from the Phoenix Cenotaph along the Lone Star Haul road for 3 km to the property. (figures 2 and 9).

Access on the property is primarily via a network of old railroad grades, now used as roads, which radiate out from Hartford Junction, a major railroad junction complex from the 1900's.

Secondary 4 wheel drive access is provided by more recent logging roads that branch off the old railroad grades.

GEOLOGY & MINERALIZATION

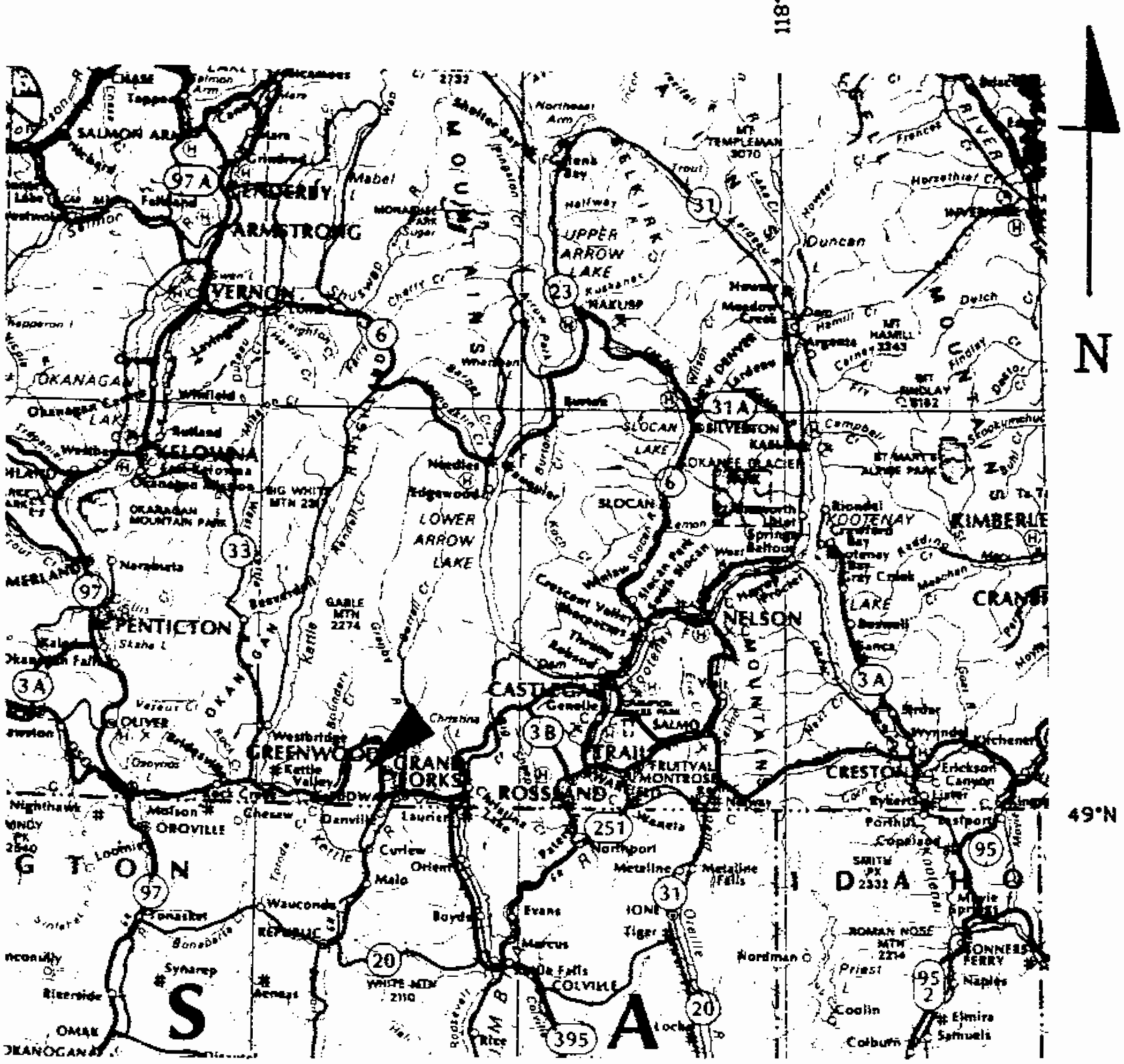
The property is dominantly underlain by Paleozoic sediments and volcanics of the Attwood and Knob Hill groups. However, there appears to be no concurrence between regional mappers on the division between the Attwood and Knob Hill. For the purpose of this discussion, the Knob Hill group consists of the predominantly sedimentary package (siltstones, charts, conglomerates and minor intercalated intermediate volcanics that outcrop on the SW flank of Knob Hill in the NW corner of the property. A thin strip of Brooklyn sharpstone conglomerate, which unconformably overlies the Knob Hill, occurs along the North East edge of the Crown claims.

The balance of the property is predominately underlain by the metavolcanics of the Attwood group. This unit appears to consist of a thick succession of intermediate to basic volcanics variously regionally altered to the green schist or amphibolite facies. Both flow and pyroclastic textures are observed in drill core and outcrop. No marker horizons have been identified.

Dioritic, gabbroic and ultramafic rocks intrude both the Knob Hill and Attwood groups. Locally, the dioritic intrusives may be coeval with the Attwood volcanics.

Serpentinized ultramafics outcrop in the central and southestern portion of the property with drill hole intercepts and exposures in underground workings show these serpentinites to be present at shallow depths under the Winnipeg/Gold Crown portion of the property.

Mineralization on the property consists of a North West - South East swarm or network of steep dipping quartz sulphide or massive sulphide veins which range in thickness from centimeters to several meters. Pyrrhotite and pyrite are the dominate sulphides with chalcopyrite and arsenopyrite being subordinate. Gold and silver are present in significant quantities. While some assay data suggests there may be a direct relationship between gold and arsenopyrite, metallurgical test work has shown that this relationship is not intimate.



ATTWOOD GOLD CORP.

GOLDEN CROWN PROJECT

LOCATION MAP

NTS 82E/2E

SCALE 1:2,000,000

FIG 2

SOIL GEOCHEMICAL SURVEY

Sample Collection:

Soil samples were collected with a mattock at 25 meter intervals along the grid lines spaced at 100 meters intervals. The samples were typically collected from the B soil layer at a depth of 10 to 17 cm and placed in a kraft soil envelope marked with the sample location's grid co-ordinates.

The sample co-ordinates, color, sampling depth, soil layer sampled, moisture and composition were recorded in a field book along with explanatory notes for locations where samples were not collected and notes on cultural features.

The sampling was carried out by Sonny Yip, B.A. supervised by Warren Robb, B.Sc., the project geologist.

The samples were then packed in cardboard boxes and taken to Acme Analytical Laboratories Ltd. for analysis.

Analysis:

The samples were dried at Acme Analytical Laboratories Ltd. and sieved at 80 mesh.

From the minus 80 mesh material, a 0.5 gram sub-sample was taken. This sample was digested with 3 ml 3-1-2 HCL-HNO3-H2O at 85°C for 1 hour, diluted with 10 ml of water and the disolved elements 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 and W determined by ICP-atomic emission spectroscopy. Results, see Appendix I, were reported in parts per million except for Fe, Ca, P, Mg, Ti, Al, Na and K which were reported in percent.

Also from the minus 80 mesh fraction a 10 grams sub-sample was taken, ignited at 600°C for four hours, digisted with aqua rega at 95° C for one hour. A 50 ml aliquot was then extracted into 10 ml of MIBK. The MIBK solution was then analyzed for gold by graphite furnace Atomic Absorption at a lower detection limit of 1 ppb Au.

Plotting:

The geochemical results on disk, together with a plan of the grid supplied by White Geophysical Inc., were taken to Geo-Comp Systems at 603-510 West Hastings Street, Vancouver, BC, where the data was entered into a computer aided drafting system and plots of the Cu, Au and As values produced at a scale of 1:2500 (figures 3, 4 & 5). The location of this grid, with respect to surface features, is shown on figure 9.

DISCUSSION OF RESULTS

Geology & Soil Contamination:

The area of the geochemical survey is predominantly underlain by "Greenstones" of the Paleozoic Attwood group which has, in the Eastern portion of the grid, been intruded by "Old" Diorite. On the property the "Greenstones" exhibit flow, pillow breccia and pyroclastic textures. Both the "Greenstones" and the "old" Diorite have been regionally altered to the green schist facies.

Serpentinized ultrabasic rocks of Jurassic or Cretaceous age outcrop South East of the grid area. Within this grid area, Serpentinites are exposed in the adit that was driven NW from near the Eastern limit of this grid, in deeper drill holes and in a trench at L474+00E, 464+50N.

Numerous structurally controlled gold bearing sulphide veins or quartz-sulphide veins trend NW across this grid area.

The veins range in composition from near massive pyrrhotite with minor chalcopyrite and arsenopyrite to quartz-pyrite-chalcopyrite veins.

Overburden in this grid area consists of gray glacial till and varies in thickness from nil in outcrop areas to several meters. Local swamps have resulted in overlays of black organic muck in depressions.

Abandoned railway grades, now maily used as roads, cross the property in several directions. Waste rock from the copper mines at Phoenix, to the North of this grid, was used as fill and ballast. Copper responses on or adjacent to the old rail lines are thus suspect.

Mine dumps surrounding the collars of the Winnipeg, McArthur, Golden Crown and Hartford shafts are other sources of soil contamination.

Gold Geochemistry:

Aqua Riga-MIBK extractible gold in the minus 80 mesh fraction of the soil samples range from 1 ppb (the detection limit) to 18,400 ppb Au, the latter taken from mine waste. Contoured Au values as shown on Plan yield a pronounced NW (grid E-W) trend, which as the Western margin of the grid is approached swings to the WNW.

Specific Au responses marked on the contoured plan (figure 6) as A-1 to A-12 are discussed below.

Au-1, Au-2:

These single sample responses (with copper correlation) are open to the NW Au-2 and are believed to be due to a gold-copper quartz vein intersected in drill holes GC 83-4 and GS 83-5.

Au-3:

This response which peaks at L460+00E, 465+50N can be interpreted to extend from L456+00E 464+00N to L462+00E, 466+00N. The possibility that this response is a continuation of Au-2 should be investigated.

Au-4:

This response correlates with the J & R Zone, previously tested by drilling with favourable results.

Au-5:

This gold response correlates with a massive sulphide vein exposed in a trench near L474+00E, 464+25N. The vein was apparently tested by a number of short drill holes between line L474+00 and 475+00 with mediocre results.

Au-6:

Geologic mapping indicates the Eastern extension of this Au geochemistry response was trenched in the vicinity of Line L474+00E. Fill-in geochemistry on lines L474+50, L472+50, L473+50 is recommended to confirm the continuity of this response which has no apparent correlating geochemical or geophysical response.

Au-7:

This response was tested by drill holes JR-80-1 and JR-80-2, both holes intersected narrow zones of low grade gold-copper mineralization.

Au-8:

The Western continuation of this response on the Noranda grid was tested by trench CR-87-26 and drill hole RC-CR-87-10 with mediocre results.

Au-9:

This spotty response is South of the "South Zone" that was drill tested in 1976 and returned values to 1.260 oz Au/ton over a 4.0 foot core length. Follow up soil sampling and prospecting is warranted.

Au-10:

An old drill collar just East of L466+00E suggests this response was previously known but the results of the drilling have not been found. This geochemical response correlated with a sharp, near surface magnetic response and is crossed at a shallow angle by a VLF-EM conductor. Drill testing is warranted.

Au-11:

This response consists of two strongly anomolous gold in soil responses 1,290 ppb Au at L470+00E, 460+00N and 1,020 ppb Au L473+00E, 460+25N. In the absence of fill in sampling the correlation of these responses is speculative.

Prospecting in the area of the highs is warranted.

Au-12:

This response appears to be a continuation of a trend of scattered responses that were identified on the Noranda survey to the NW. Geologic mapping indicates shallow overburden thus prospecting for the source of the gold in the soil is indicated.

Copper Geochemistry:

Copper values in soil vary from a low of 11 ppm to a high of 1,587 ppm although the latter is contaminated with mine waste. Contoured copper values indicate a general NW-SE trend, similar to the gold trend. The copper responses marked on figure 7 are discussed below.

Cu-1:

This Copper in soil response correlates with the Calumet vein system that has been explored with trenches and drill holes.

Cu-2:

This response, which is open to the NW, correlates with Au-1.

Cu-3:

This strong, but somewhat vague, NNW trend that extends from L467+00, 466+25N to L470, 464+75N is likely a combination of contamination from mine waste and local bedrock sources. At the NNW end of the response, the high copper values correlate with Au-2 and the intercepts in drill holes 83-4 and 83-5.

Cu-4:

This response is possibly due to the concentration of Cu in organic soils as it correlates with a small swamp.

Cu-5 A & B:

These responses are possibly largely due to contamination from copper bearing railroad balast. Drill holes JR-80-1 and JR-80-2 in response Cu-5A did intersect low copper values.

Cu-6 A, B & C:

Responses 6A and 6C appear to be continuations of 6B, the spotty response from the J & R Zone. Care must be taken in further action on this response due to the proximity of old railroad grades to samples having high copper.

Cu-7, 7B:

This branching response appears related to the Hartford Au-Cu mineralized structure. The correlation of high copper values with magnetic spikes suggests pyrrhotite is associated with the copper. The Hartford vein was explored in the early 1900's by a shaft and underground levels. The proximity to old rail lines suggest the deposit may have shipped ore.

Cu-8:

The SW segment of this copper response correlates with a weak VLF-EM conductor.

Cu-9:

The correlation of this copper response with a VLF-EM conductor gives it added weight as a drill target.

Magnetic responses on lines 459+00E and 461+00E suggests pyrrhotite may be present locally.

Arsenic Geochemistry:

Arsenic Values range from a low of 2 ppm to a high of 52,128 ppm in a sample contaminated by mine waste. Contoured Arsenic (figure 8) values show an overall WNW trend with the higher values concentrated in the NE quarter of the grid. Mapping and drill results show this area is underlain at a shallow depth by serpentinite and thus the higher arsenic values may be a function of proximity to this rock type.

Three arsenic responses, as discussed below, are interpreted from the contoured data.

AS-1:

This response correlates with the Northwesten continuation of the Calumet zone.

AS-2:

This low order response correlates with a gold bearing vein discovered in drilling in 1986.

AS-3:

This arsenic response correlates with the gold response Au-5 on line 474+00E. Copper values are also elevated. A massive sulphide vein (pyrrhotite & pyrite) is exposed in a nearby trench. The vein has also been tested by diamond drilling with mediocre assay results.

While the soil results serve to highlight the potential of previously known and possibly inadequately tested veins, the soil survey did identify new targets.

These targets include gold responses Au-9, Au-11 and copper response Cu-9.

CONCLUSION & RECOMMENDATIONS

The 1990 soil geochemical survey has provided a consistant soil geochemical data base over the Winnipeg-Golden Crown-Hartford portion of the Golden Crown Project area. The contoured values for Copper, Gold and Arsenic show trends consistant with the known sulphide and quartz sulphide veins on the property. In many cases, the stronger soil geochemical responses correlate in part with known mineralization and the extent of the geochemical response is usefull in directing exploration along strike.

Three responses Au-9, Au-11 and Cu-9 can be considered new discoveries in that no evidence of historic physical work directed at the sources of the responses has been found.

Follow up on these responses is warranted.

CERTIFICATE

I, Gordon Melville Ford, of the City of Port Moody, Province of British Columbia, do hereby certify as follows:

1. I am a consulting Geological Engineer and President of Fordex Management Inc. with an office at 575 Garrow Drive, Port Moody, British Columbia.

2. I am a registered Professional Engineer in the Province of British Columbia.

3. I graduated with a degree of Bachelor of Science, Geology and Geophysics from the University of British Columbia in 1964.

4. I have practiced my profession for twenty six years.

5. I have no direct or contingent interest in Attwood Gold Corporation or any of the properties which comprise the Golden Crown Project.

6. This report is based on numerous field trips to the property, thorough review of the historical data, and observation of the field work being carried out. I have also observed a number of claim posts in the field, sufficient to conclude the property boundaries shown on the maps are reasonably accurate.

7. Written permission is required from Fordex Management Inc. to publish this report in any prospectus or statement of material facts.

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — GORDON FORD

Gordon Ford, P.Eng.
Fordex Management Inc.
October 11, 1990

A P P E N D I X   A

(GEOCHEMICAL ANALYSIS CERTIFICATES)

COST STATEMENT FOR ASSESSMENT WORK CREDIT

CONTRACT SERVICES:

Soil Sampling:	Sonny Yip (12 days)	$ 1,094.02
Field Supervision:	WR Geological Ltd. (3 days at $150.00/day)	450.00
Geochemical Analysis:	Acme Analytical Lab. Ltd. (689 Samples-30 element ICP Analysis 689 Geochem Au Analysis by Acid/each 10 grams)	5,936.15
Field Expense:		1,235.97
Drafting:	(Geo-Comp Systems)	480.00
Report Preparation:	Fordex Management Inc. (3 days at $300.00/day)	900.00
		$10,096.14

A P P E N D I X   B

(COST STATEMENT)

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Attwood Gold Corp. PROJECT GOLDEN CROWN File # 90-1366 Page 1

100 - 450 W. Georgia St., Vancouver BC V6B 1Z3 Submitted by: W. ROBB

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
L456E 466+00N	1	82	14	56	.2	25	14	964	2.28	20	5	ND	3	36	.2	2	2	32	.44	.061	9	18	.31	193	.14	3	2.54	.03	.09	1	1
L456E 465+75N	1	74	19	58	.3	22	15	1283	2.20	25	5	ND	2	34	.4	2	2	31	.38	.055	7	17	.29	187	.11	4	1.61	.02	.08	1	56
L456E 465+50N	1	86	13	48	.1	25	15	814	2.45	22	5	ND	3	25	.2	2	2	33	.28	.049	8	19	.31	134	.14	2	2.64	.03	.06	1	67
L456E 465+25N	1	42	10	97	.1	36	14	1429	2.33	25	5	ND	2	22	.2	2	2	33	.20	.108	5	18	.27	254	.14	2	2.12	.03	.06	1	8
L456E 465+00N	1	72	10	45	.1	27	14	1356	2.17	15	5	ND	2	29	.2	2	2	31	.34	.047	6	19	.30	209	.10	18	1.68	.03	.07	1	15
L456E 464+75N	1	61	10	42	.2	27	13	861	2.24	23	5	ND	3	18	.2	2	2	32	.22	.043	8	22	.34	161	.12	3	1.91	.03	.07	1	19
L456E 464+50N	1	115	17	54	.5	43	17	515	2.87	31	5	ND	5	25	.2	2	2	40	.24	.056	12	29	.40	125	.17	5	3.28	.03	.09	1	30
L456E 464+25N	1	76	22	46	.2	34	13	683	2.68	19	5	ND	3	16	.2	2	2	39	.21	.050	8	33	.56	97	.11	2	1.73	.03	.06	1	32
L456E 464+00N	1	46	11	66	.3	26	15	1130	2.80	27	5	ND	2	17	.2	2	2	40	.20	.071	7	26	.37	179	.11	4	1.42	.03	.07	1	41
L456E 463+75N	1	52	10	41	.1	16	9	912	1.93	12	5	ND	1	14	.2	2	2	33	.15	.037	5	16	.25	115	.09	4	1.05	.03	.05	1	19
L456E 463+50N	2	77	11	51	.1	32	15	621	2.65	13	5	ND	3	16	.2	2	2	37	.17	.063	7	25	.41	195	.14	2	2.40	.02	.04	1	15
L456E 463+25N	1	110	14	48	.4	37	17	684	3.23	14	5	ND	4	14	.2	2	2	44	.15	.052	9	30	.46	175	.16	2	3.01	.02	.06	1	31
L456E 463+00N	2	60	12	51	.4	38	16	679	2.23	15	5	ND	3	16	.2	2	2	31	.15	.057	6	17	.26	179	.15	2	3.00	.02	.06	1	4
L456E 462+75N	1	24	3	27	.2	5	5	1259	1.01	4	5	ND	1	15	.2	2	2	23	.19	.028	2	4	.08	100	.07	3	.63	.03	.05	1	1
L456E 462+50N	2	88	43	53	.7	41	14	697	2.55	4	5	ND	3	24	.2	2	2	32	.20	.044	7	15	.28	187	.18	3	3.21	.03	.07	1	11
L456E 462+25N	11	769	13	54	.4	40	40	675	8.70	15	5	ND	3	20	.5	2	2	54	.21	.195	5	28	.47	127	.14	4	3.46	.02	.06	1	29
L456E 462+00N	3	109	13	53	.3	58	17	919	3.04	17	5	ND	4	17	.2	2	2	39	.18	.053	8	28	.45	229	.15	2	2.77	.02	.07	1	19
L456E 461+75N	4	68	14	72	.2	51	14	673	2.63	14	5	ND	2	15	.3	2	2	35	.16	.113	5	21	.26	179	.15	4	1.98	.03	.07	1	5
L456E 461+50N	4	94	13	84	.3	81	17	267	2.94	21	5	ND	3	20	.2	2	2	42	.28	.062	7	32	.49	122	.15	2	2.65	.03	.06	1	210
L456E 461+25N	1	60	13	52	.2	56	13	655	2.50	18	5	ND	3	18	.2	2	2	36	.21	.066	8	29	.41	180	.16	2	3.02	.03	.05	1	18
L456E 461+00N	1	13	4	25	.1	6	4	755	.95	2	5	ND	1	7	.2	2	2	22	.09	.037	2	6	.08	37	.07	4	.47	.03	.03	1	9
L456E 460+75N	2	51	10	48	.2	42	11	939	2.19	15	5	ND	3	13	.2	2	2	33	.15	.068	7	25	.34	154	.14	2	2.53	.02	.05	1	13
L456E 460+50N	1	32	10	57	.2	23	9	738	1.90	10	5	ND	2	10	.2	2	2	31	.13	.056	5	19	.25	112	.12	2	1.41	.03	.04	1	1
L456E 460+25N	1	67	11	44	.3	49	12	218	2.21	19	5	ND	3	12	.2	2	2	34	.15	.041	7	25	.34	93	.14	2	2.42	.03	.05	1	30
L456E 460+00N	1	15	4	20	.2	5	2	205	.77	3	5	ND	1	7	.2	2	2	19	.09	.023	2	6	.06	28	.06	2	.47	.04	.04	1	1
L456E 459+75N	2	47	10	46	.3	34	11	1359	2.37	24	5	ND	2	13	.2	2	2	35	.17	.104	6	27	.40	134	.13	3	2.25	.02	.05	1	4
L456E 459+50N	3	41	13	58	.2	41	12	1090	2.34	20	5	ND	2	15	.2	2	3	34	.23	.054	6	27	.36	172	.14	6	2.38	.02	.06	1	24
L456E 459+25N	1	48	11	60	.4	41	10	452	2.08	15	5	ND	3	17	.2	2	2	31	.19	.075	8	27	.33	153	.13	2	2.20	.03	.05	1	4
L456E 459+00N	1	25	12	41	.2	23	8	305	1.76	15	5	ND	2	15	.2	2	2	27	.20	.066	6	21	.24	90	.08	2	1.12	.02	.04	1	6
L456E 458+75N	1	48	12	74	.3	36	16	481	2.73	24	5	ND	3	12	.2	2	2	36	.20	.130	7	35	.46	100	.09	2	1.65	.02	.06	1	75
L456E 458+50N	1	54	14	80	.4	42	13	405	2.49	20	5	ND	3	17	.2	2	2	36	.22	.139	8	30	.39	120	.12	2	2.30	.02	.06	1	47
L456E 458+25N	1	108	9	94	.3	165	19	501	2.56	24	5	ND	2	21	.2	2	2	31	.34	.059	9	30	.31	92	.12	3	2.05	.03	.05	1	16
L456E 458+00N	1	196	13	30	.2	167	5	233	1.41	11	5	ND	1	30	.3	2	2	21	.80	.019	8	18	.20	50	.08	4	1.15	.03	.03	1	36
L457E 465+75N	1	43	9	67	.1	23	13	788	1.99	20	5	ND	1	25	.2	2	2	29	.27	.067	5	18	.28	173	.09	3	1.18	.03	.04	1	5
L457E 465+50N	1	77	8	36	.4	28	7	680	1.51	15	5	ND	2	18	.2	2	2	24	.42	.029	14	13	.18	55	.12	4	2.06	.05	.05	1	1
L457E 465+25N	1	49	9	52	.2	22	10	822	2.06	19	5	ND	2	14	.2	2	2	31	.15	.097	6	18	.27	132	.14	2	2.37	.03	.04	1	10
STANDARD C/AU-S	19	57	39	132	6.7	73	29	1049	4.11	43	22	7	39	50	19.3	16	22	58	.52	.087	39	59	.93	183	.09	39	1.98	.06	.14	11	54

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-P7 Soil P8 Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 18 1990 DATE REPORT MAILED: May 24/90. SIGNED BY C. Leong ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L457E 465+00N	1	30	11	84	.1	19	11	796	2.18	19	5	ND	2	18	.2	2	2	32	.16	.075	5	19	.26	151	.12	4	1.56	.03	.04	1	43
L457E 464+75N	1	33	5	43	.1	21	12	880	1.85	8	5	ND	1	15	.2	2	2	29	.17	.039	4	15	.24	121	.10	2	1.38	.03	.03	2	8
L457E 464+50N	1	78	5	42	.2	26	14	447	2.12	10	5	ND	3	16	.2	2	2	34	.18	.048	5	22	.35	77	.10	2	1.39	.03	.05	1	36
L457E 464+25N	1	53	12	54	.1	35	13	673	2.11	25	5	ND	2	22	.2	2	2	26	.27	.082	5	15	.23	116	.15	5	3.01	.03	.04	1	26
L457E 464+00N	1	43	6	40	.1	14	8	413	1.34	10	5	ND	1	12	.2	2	2	22	.11	.067	3	10	.16	75	.08	2	1.14	.03	.03	2	8
L457E 463+75N	1	52	10	88	.1	25	14	919	2.35	6	5	ND	2	20	.2	2	2	33	.19	.061	5	17	.29	167	.13	3	1.86	.03	.06	1	11
L457E 463+50N	2	164	11	61	.3	34	19	548	3.01	19	5	ND	3	21	.2	2	2	39	.21	.088	10	27	.46	146	.15	3	3.38	.03	.05	1	65
L457E 463+25N	2	111	12	60	.5	46	17	246	3.04	24	5	ND	4	17	.2	2	2	40	.27	.099	15	28	.43	151	.17	4	4.12	.03	.06	1	21
L457E 462+50N	3	323	40	62	.5	37	19	625	4.12	23	5	ND	4	34	.3	2	2	47	.42	.078	16	30	.52	152	.14	3	2.41	.03	.12	1	46
L457E 462+25N	3	462	55	67	.4	36	18	570	4.20	22	5	ND	4	33	.3	2	2	44	.39	.083	14	29	.45	167	.12	2	2.53	.02	.09	1	37
L457E 462+00N	10	511	15	55	.3	56	37	784	5.69	44	5	ND	3	19	.4	2	2	55	.18	.060	8	36	.72	114	.10	2	2.55	.02	.05	1	53
L457E 461+75N	2	106	11	44	.2	35	14	279	2.51	13	5	ND	4	22	.2	2	2	35	.20	.059	9	22	.35	101	.15	6	3.14	.03	.06	3	16
L457E 461+50N	1	63	14	55	.3	36	13	478	2.39	15	5	ND	3	19	.2	2	2	36	.18	.046	8	25	.33	151	.16	3	3.14	.02	.05	1	23
L457E 461+25N	2	801	204	107	.6	40	18	848	6.70	60	5	ND	4	76	.9	7	2	52	.63	.111	20	35	.55	287	.09	4	1.40	.02	.12	1	9
L457E 461+00N	2	75	13	53	.2	31	11	571	2.40	11	5	ND	3	15	.2	2	2	34	.14	.090	5	20	.28	126	.16	4	3.27	.02	.05	1	17
L457E 460+75N	1	50	14	56	.2	26	11	802	2.16	17	5	ND	3	15	.2	2	2	34	.14	.097	6	21	.26	168	.15	3	2.70	.02	.05	2	24
L457E 460+50N	1	15	4	26	.1	4	6	610	.92	7	5	ND	1	8	.2	2	2	21	.10	.041	2	5	.08	35	.07	2	.54	.03	.03	1	3
L457E 460+25N	1	51	8	48	.1	31	9	569	1.73	7	5	ND	2	19	.2	2	2	28	.18	.046	6	18	.26	103	.10	2	1.58	.03	.04	2	171
L457E 460+00N	3	92	13	69	.3	63	15	296	2.66	16	5	ND	4	20	.2	2	2	37	.22	.054	13	31	.43	116	.16	2	3.13	.03	.04	1	15
L457E 459+75N	4	77	10	47	.1	37	12	915	2.46	13	5	ND	3	19	.2	2	2	35	.21	.058	9	30	.39	155	.13	2	2.50	.02	.04	2	79
L457E 459+50N	2	66	11	50	.3	34	12	351	2.54	17	5	ND	3	15	.2	2	2	38	.18	.064	11	31	.45	127	.13	4	2.65	.02	.05	1	45
L457E 459+25N	3	74	10	53	.2	40	13	346	2.52	20	5	ND	4	15	.2	2	2	37	.24	.059	11	30	.41	126	.13	2	2.57	.02	.05	1	50
L457E 459+00N	1	55	12	56	.2	27	13	549	2.26	11	5	ND	4	14	.2	2	2	33	.15	.147	11	24	.31	154	.14	4	2.94	.02	.05	1	167
L457E 458+75N	1	36	11	72	.2	27	12	662	2.24	18	5	ND	2	14	.2	2	2	32	.16	.136	6	26	.32	104	.11	4	2.13	.02	.04	1	97
L457E 458+50N	1	22	6	46	.1	29	10	154	2.02	14	5	ND	2	11	.2	2	2	34	.16	.034	5	22	.27	53	.09	3	1.42	.02	.03	2	14
L457E 458+25N	1	96	12	31	.3	73	7	224	1.38	9	5	ND	1	37	.4	2	2	22	.91	.026	6	17	.23	49	.07	4	.99	.03	.03	1	7
L457E 458+00N	1	124	9	33	.4	132	5	273	.81	9	5	ND	1	75	1.0	2	2	11	2.08	.056	6	9	.13	56	.05	6	1.15	.03	.04	1	6
L458E 465+75N	1	192	10	75	.2	55	14	1049	1.93	35	5	ND	2	31	1.1	2	2	27	.89	.039	12	24	.32	63	.11	5	2.06	.04	.05	1	11
L458E 465+50N	1	90	8	50	.2	33	16	737	2.47	25	5	ND	3	20	.2	2	2	35	.26	.083	8	25	.36	143	.12	3	2.25	.02	.06	1	34
L458E 465+25N	1	71	10	61	.2	29	15	640	2.45	110	5	ND	3	16	.2	2	2	33	.15	.088	7	19	.33	158	.14	3	2.92	.03	.05	1	19
L458E 465+00N	1	47	10	73	.2	25	14	478	2.20	37	5	ND	3	13	.2	2	2	31	.13	.127	5	19	.26	87	.13	2	2.43	.02	.05	1	14
L458E 464+75N	1	37	10	61	.2	25	14	284	2.28	38	5	ND	3	13	.2	2	2	34	.15	.102	5	19	.27	82	.14	2	2.39	.02	.05	1	25
L458E 464+50N	1	29	12	71	.2	22	10	310	2.18	24	5	ND	3	14	.2	2	2	33	.14	.088	5	18	.22	82	.17	3	3.10	.03	.06	1	19
L458E 464+25N	2	164	13	46	.2	58	16	304	2.03	25	5	ND	3	28	.2	2	2	23	.30	.020	12	15	.23	69	.16	3	3.08	.04	.04	2	6
L458E 464+00N	1	156	12	57	.6	58	15	181	2.52	15	5	ND	4	21	.2	2	2	37	.27	.053	16	31	.40	95	.20	2	4.37	.03	.04	1	14
L458E 463+75N	1	119	16	77	.4	104	28	182	2.36	20	5	ND	3	16	.2	2	2	34	.24	.046	8	20	.23	55	.17	2	3.24	.02	.04	1	4
STANDARD C/AU-S	18	57	39	132	7.1	72	31	1036	4.04	43	21	6	39	55	19.3	14	16	56	.51	.094	39	59	.92	182	.09	39	1.95	.06	.14	11	54

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
L458E 463+50N	2	74	14	43	.4	133	21	134	2.28	15	5	ND	3	16	.2	2	2	30	.16	.044	4	13	.15	59	.18	3	3.73	.03	.06	1	5
L458E 463+25N	1	56	10	67	.2	42	15	761	2.33	20	5	ND	3	14	.2	2	2	33	.19	.086	6	26	.26	112	.15	3	3.24	.02	.05	1	11
L458E 463+00N	1	146	10	64	.2	37	20	511	2.74	17	5	ND	3	14	.2	2	2	39	.15	.055	5	23	.24	113	.14	5	2.44	.02	.06	1	25
L458E 462+75N	1	42	13	59	.1	35	13	745	2.20	20	5	ND	3	14	.2	2	2	35	.15	.051	5	20	.26	133	.15	3	2.48	.02	.06	1	10
L458E 462+50N	4	71	10	72	.1	64	27	362	2.55	21	5	ND	3	16	.2	2	2	40	.17	.058	6	29	.35	114	.13	3	2.54	.02	.06	1	25
L458E 462+25N	1	87	15	48	.2	117	22	168	2.33	8	5	ND	3	15	.2	2	2	37	.19	.047	8	25	.33	107	.16	2	3.44	.02	.05	1	3
L458E 462+00N	1	42	13	65	.1	37	12	469	2.36	23	5	ND	3	11	.2	2	2	36	.10	.082	5	18	.21	111	.17	2	3.82	.02	.06	1	9
L458E 461+75N	1	119	31	87	.3	30	12	459	2.33	18	5	ND	3	33	.4	2	2	33	.51	.110	9	20	.33	151	.14	5	3.23	.03	.07	1	8
L458E 461+50N	1	63	17	53	.2	32	11	436	2.25	18	5	ND	3	19	.2	2	2	35	.22	.068	9	24	.34	134	.14	4	2.79	.03	.05	1	6
L458E 461+25N	1	102	14	47	.2	35	14	247	2.74	17	5	ND	4	15	.2	2	2	41	.15	.070	11	29	.43	125	.16	3	3.70	.02	.05	1	7
L458E 461+00N	1	56	12	49	.1	37	13	537	2.52	15	5	ND	4	14	.2	2	2	38	.14	.097	8	30	.41	149	.14	3	2.90	.02	.05	1	23
L458E 460+75N	1	59	11	58	.2	36	13	574	2.19	20	5	ND	3	19	.2	2	2	32	.17	.078	7	23	.32	132	.14	3	2.59	.02	.05	1	3
L458E 460+50N	1	86	11	57	.1	44	15	504	2.42	29	5	ND	3	16	.2	2	2	38	.18	.058	7	33	.46	100	.12	4	2.00	.02	.05	1	28
L458E 460+25N	2	288	11	52	.2	110	21	371	2.70	15	5	ND	4	16	.2	2	2	40	.31	.032	10	36	.47	71	.14	5	2.58	.02	.05	1	42
L458E 460+00N	1	114	14	58	.1	54	14	545	2.49	16	5	ND	3	17	.2	2	2	38	.22	.069	8	30	.38	122	.13	5	2.61	.02	.05	1	8
L458E 459+75N	1	105	14	73	.2	44	32	323	2.02	6	5	ND	3	16	.2	2	2	29	.30	.056	7	18	.22	65	.15	10	3.26	.03	.05	1	13
L458E 459+50N	1	216	12	73	.4	56	44	374	2.00	12	5	ND	3	20	.2	2	2	27	.44	.060	11	18	.22	48	.16	6	3.50	.03	.06	1	7
L458E 459+00N	2	85	10	31	.3	50	11	337	1.44	10	5	ND	2	20	.2	2	2	21	.54	.024	8	15	.16	37	.11	4	1.87	.04	.05	1	7
L458E 458+75N	1	24	14	38	.2	21	8	101	1.64	12	5	ND	2	11	.2	2	2	26	.17	.024	5	18	.17	46	.10	2	1.70	.02	.03	1	8
L458E 458+50N	2	121	12	42	.3	88	42	241	2.05	9	5	ND	2	18	.2	2	2	27	.47	.025	8	26	.28	55	.11	4	1.94	.03	.05	1	38
L459E 466+00N	1	40	14	42	.1	25	12	480	2.07	29	5	ND	3	18	.2	2	2	26	.25	.038	8	15	.20	57	.16	4	3.37	.03	.03	1	2
L459E 465+75N	1	171	13	28	.3	37	13	559	2.07	41	5	ND	3	30	.3	2	2	25	.69	.021	14	18	.21	51	.16	5	3.43	.04	.03	1	3
L459E 465+50N	2	356	10	28	.2	120	90	404	1.41	48	5	ND	2	27	.3	2	2	19	.63	.020	9	12	.15	28	.12	5	2.26	.04	.03	1	1
L459E 465+25N	2	72	14	57	.1	41	20	461	2.16	22	5	ND	3	13	.2	2	2	31	.15	.117	4	20	.25	84	.13	3	2.96	.02	.04	2	8
L459E 465+00N	1	33	12	59	.1	22	8	777	1.80	17	5	ND	2	15	.2	2	2	29	.16	.106	4	16	.19	103	.12	3	2.40	.02	.04	1	5
L459E 464+75N	1	64	14	63	.1	36	19	251	2.38	12	5	ND	4	16	.2	2	2	32	.13	.104	7	20	.25	132	.16	3	4.14	.03	.04	1	27
L459E 464+50N	2	60	15	39	.5	63	19	230	2.26	15	5	ND	3	16	.2	2	2	33	.19	.035	6	19	.21	113	.16	4	3.56	.03	.04	1	10
L459E 464+25N	1	51	12	45	.3	32	14	213	2.22	15	5	ND	3	15	.2	2	2	32	.17	.052	8	20	.23	117	.13	3	2.65	.02	.05	1	1
L459E 464+00N	1	66	11	45	.3	38	18	291	2.26	7	5	ND	3	15	.2	2	2	32	.14	.051	7	22	.25	128	.13	5	2.94	.02	.04	1	9
L459E 463+75N	1	187	14	54	.1	61	25	175	2.87	19	5	ND	4	17	.2	2	2	41	.22	.035	10	36	.47	79	.14	5	3.00	.02	.05	1	18
L459E 463+50N	1	62	13	40	.3	30	12	321	2.09	12	5	ND	4	15	.2	2	2	30	.13	.061	8	19	.22	107	.15	4	3.44	.02	.05	1	24
L459E 463+25N	3	194	13	41	.1	44	22	363	3.04	23	5	ND	4	15	.2	2	2	41	.12	.054	9	36	.49	88	.12	2	2.38	.02	.04	2	32
L459E 463+00N	4	460	50	70	.4	48	25	694	4.43	52	5	ND	5	29	.2	3	2	50	.35	.080	18	47	.76	130	.09	3	1.69	.02	.09	2	38
L459E 462+75N	1	93	15	75	.1	36	14	600	2.32	9	5	ND	3	16	.2	2	2	34	.15	.059	5	20	.23	99	.14	6	3.11	.02	.05	1	13
L459E 462+50N	1	76	12	48	.2	29	11	254	2.09	9	5	ND	3	14	.2	2	2	34	.11	.057	5	16	.19	111	.14	4	2.89	.02	.05	1	71
L459E 462+25N	1	48	6	39	.1	20	10	189	1.05	10	5	ND	2	11	.2	2	2	20	.10	.030	2	7	.09	39	.08	3	.97	.03	.04	1	3
STANDARD C/AU-S	18	57	40	132	7.1	73	31	1048	4.08	44	23	7	39	55	19.7	15	18	57	.51	.094	39	60	.93	183	.09	39	1.98	.06	.13	14	54

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
L459E 462+00N	1	70	10	45	.2	25	11	603	1.99	3	5	ND	3	18	.2	2	2	29	.15	.077	7	15	.20	100	.16	2	3.35	.02	.05	2	9
L459E 461+75N	1	18	3	33	.1	11	4	457	1.15	7	5	ND	1	14	.2	2	2	22	.15	.039	3	9	.12	61	.09	5	1.17	.03	.04	1	3
L459E 461+50N	1	135	34	58	.4	26	11	460	2.34	15	5	ND	3	23	.2	2	2	33	.28	.082	10	23	.33	127	.14	2	2.98	.03	.05	1	12
L459E 461+25N	1	78	11	56	.1	34	12	324	2.61	20	5	ND	3	16	.3	2	2	42	.19	.071	11	34	.51	107	.14	2	2.84	.02	.05	1	16
L459E 461+00N	1	139	87	86	.4	33	12	574	2.50	18	6	ND	3	35	.2	2	2	38	.37	.070	10	32	.43	184	.13	4	2.48	.02	.05	1	24
L459E 460+50N	1	37	12	69	.1	28	12	718	2.64	16	5	ND	2	15	.2	2	2	44	.15	.093	5	28	.34	107	.14	3	2.37	.02	.04	1	13
L459E 460+25N	1	13	4	33	.2	10	5	567	1.20	4	5	ND	1	13	.2	2	2	23	.12	.067	3	13	.13	64	.08	6	.89	.03	.04	1	1
L459E 460+00N	1	41	9	45	.2	31	11	767	2.49	21	5	ND	3	15	.2	2	2	39	.19	.083	7	28	.37	116	.13	2	2.82	.02	.05	1	41
L459E 459+75N	1	35	7	41	.3	27	9	325	2.13	18	5	ND	2	19	.2	2	2	34	.20	.192	5	26	.32	81	.10	2	2.36	.02	.04	1	10
L459E 459+50N	1	22	8	59	.3	19	7	530	1.82	14	5	ND	2	19	.2	2	2	28	.19	.180	5	16	.21	112	.12	3	2.76	.02	.04	1	23
L459E 459+25N	1	287	11	85	1.3	82	39	213	2.55	14	5	ND	4	21	.2	2	2	34	.27	.043	15	28	.37	71	.17	2	3.49	.03	.06	1	71
L459E 459+00N	1	97	12	60	.4	117	157	402	2.31	13	5	ND	2	15	.2	2	2	29	.26	.060	7	22	.23	75	.15	2	2.54	.02	.04	1	7
L459E 458+75N	1	81	12	65	.3	89	93	304	2.12	10	5	ND	2	17	.2	2	2	25	.27	.096	5	18	.18	79	.15	2	3.18	.03	.05	1	4
L459E 458+50N	3	580	12	45	.8	222	61	497	2.96	14	5	ND	3	22	.3	2	2	35	.48	.028	19	39	.39	76	.16	2	3.42	.03	.04	1	11
L459E 458+25N	1	79	9	43	.5	208	15	391	2.04	14	5	ND	2	15	.2	2	2	31	.26	.039	7	27	.32	67	.12	2	2.00	.03	.05	1	6
L459E 458+00N	2	238	15	57	.6	515	26	456	3.30	26	5	ND	3	22	.3	2	2	45	.38	.042	11	53	.57	112	.13	2	3.60	.03	.06	1	1
L460E 466+00N	1	593	61	71	.6	53	22	709	5.66	45	5	ND	5	40	.5	4	2	56	.52	.085	20	47	.81	169	.11	3	1.67	.02	.12	1	5
L460E 465+75N	1	76	9	117	.1	26	20	340	2.68	16	5	ND	1	16	.4	2	2	31	.18	.028	3	19	.17	67	.09	3	1.15	.03	.04	1	12
L460E 465+50N	1	45	10	122	.1	42	21	322	2.64	23	5	ND	2	15	.2	2	2	40	.14	.068	4	28	.32	93	.16	4	2.93	.02	.04	1	720
L460E 465+25N	1	67	15	59	.2	35	12	458	2.32	12	5	ND	4	18	.2	2	2	32	.16	.130	11	21	.29	107	.18	3	4.84	.03	.05	1	15
L460E 465+00N	1	57	16	46	.2	27	9	268	2.15	9	5	ND	4	17	.3	2	2	29	.14	.118	12	16	.23	90	.19	2	5.14	.03	.03	1	1
L460E 463+50E	1	253	16	56	.6	62	17	91	2.56	14	5	ND	3	16	.2	2	2	35	.29	.025	8	23	.25	63	.18	4	3.00	.02	.04	1	7
L460E 463+25E	1	54	13	54	.2	30	14	393	2.22	18	5	ND	3	13	.2	2	2	33	.12	.067	5	18	.20	98	.16	4	3.74	.02	.04	1	9
L460E 463+00E	1	91	13	57	.3	29	15	568	2.20	18	5	ND	3	12	.2	2	2	32	.11	.074	5	17	.20	110	.17	4	3.93	.02	.04	1	82
L460E 462+75E	1	19	9	37	.1	17	7	301	1.69	13	5	ND	2	11	.2	2	2	28	.12	.096	4	17	.15	96	.12	2	1.99	.02	.04	1	74
L460E 462+50E	1	46	11	47	.3	26	9	358	2.13	14	5	ND	4	13	.2	2	2	32	.15	.051	7	18	.23	106	.17	4	3.97	.02	.05	1	2
L460E 462+25E	1	33	14	42	.2	22	9	474	2.14	14	5	ND	3	13	.2	2	2	32	.12	.097	6	19	.22	100	.16	3	3.60	.02	.04	1	15
L460E 462+00E	1	67	13	52	.2	21	9	462	2.13	15	5	ND	3	12	.2	2	2	31	.12	.099	5	17	.21	81	.14	3	2.81	.02	.05	1	6
L460E 461+50E	1	154	12	50	.4	25	13	593	2.41	10	5	ND	4	12	.2	2	2	34	.10	.132	7	16	.23	160	.18	2	4.12	.02	.04	1	6
L460E 461+25E	1	39	10	53	.2	26	10	536	2.26	16	5	ND	3	12	.2	2	2	36	.13	.075	6	21	.28	141	.14	4	2.65	.02	.04	1	10
L460E 461+00E	1	53	15	61	.3	38	12	598	2.39	21	5	ND	3	16	.2	2	2	37	.16	.053	7	32	.35	117	.13	2	2.24	.02	.05	1	29
L460E 460+75E	1	37	11	54	.3	30	10	569	2.09	19	5	ND	3	14	.2	2	2	30	.13	.091	6	20	.24	122	.15	2	3.36	.02	.04	1	7
L460E 460+50E	1	54	11	43	.3	49	13	273	2.56	18	5	ND	3	18	.2	2	2	39	.20	.057	8	35	.44	146	.13	2	2.70	.02	.05	1	18
L460E 460+25E	1	24	12	76	.2	22	10	664	2.34	17	5	ND	2	15	.2	2	2	33	.16	.150	5	22	.20	117	.15	2	2.77	.02	.05	1	1
L460E 460+00E	1	80	14	50	.1	64	15	251	2.47	25	5	ND	2	17	.2	3	2	38	.39	.055	6	34	.44	75	.14	2	2.80	.02	.06	1	12
L460E 459+75E	1	67	13	44	.3	40	13	248	2.38	19	5	ND	3	14	.2	2	2	36	.18	.087	9	28	.37	84	.15	2	3.54	.02	.05	1	4
STANDARD C/AU-S	18	62	41	131	7.1	72	31	1036	4.08	39	23	7	39	53	19.7	15	19	56	.52	.092	39	59	.93	182	.09	39	1.99	.06	.13	11	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
L460E 459+50N	1	74	10	48	.3	40	19	959	2.52	17	5	ND	3	16	.2	2	2	36	.15	.110	6	23	.29	155	.15	3	3.74	.02	.05	1	4
L460E 459+25N	1	38	10	51	.1	39	16	443	2.39	18	5	ND	3	13	.2	2	2	35	.14	.111	4	24	.28	105	.15	4	3.79	.02	.04	1	6
L460E 459+00N	1	37	11	46	.3	37	16	270	2.27	15	5	ND	3	16	.2	2	2	33	.25	.083	6	24	.26	117	.15	3	3.68	.02	.05	1	3
L460E 458+75N	1	37	10	46	.3	43	13	331	2.09	14	5	ND	3	22	.2	2	2	31	.25	.085	7	25	.29	100	.14	4	3.01	.02	.05	1	5
L460E 458+50N	2	379	13	54	1.0	112	13	629	3.17	26	5	ND	2	26	.2	2	2	42	.80	.035	30	52	.49	118	.09	3	3.53	.03	.07	1	14
L460E 458+25N	1	24	10	45	.2	49	11	319	2.03	15	5	ND	2	14	.2	2	2	31	.16	.102	4	20	.23	84	.15	3	2.81	.02	.05	1	15
L460E 458+00N	1	278	15	63	1.2	111	17	532	3.54	23	5	ND	3	30	.2	2	2	50	.62	.036	18	67	.82	140	.10	5	4.13	.03	.10	1	16
L461E 466+00N	1	225	12	50	.4	54	28	211	2.18	11	5	ND	2	18	.2	2	3	29	.28	.027	13	17	.20	58	.18	3	2.70	.03	.04	1	10
L461E 465+75N	1	47	12	57	.4	19	11	127	2.13	21	5	ND	2	15	.2	2	2	33	.13	.138	4	13	.12	70	.17	3	2.84	.02	.04	1	20
L461E 465+50N	1	133	11	59	.3	54	24	334	3.57	25	5	ND	5	19	.2	2	2	53	.24	.066	16	47	.70	133	.13	2	2.82	.01	.07	1	29
L461E 465+25N	1	82	12	61	1.1	42	17	336	2.63	20	5	ND	4	16	.2	2	2	38	.17	.085	13	29	.36	106	.16	5	3.54	.03	.05	1	7
L461E 465+00N	1	21	9	44	.2	11	5	182	1.59	14	5	ND	2	8	.2	2	2	30	.09	.039	5	11	.13	57	.11	2	1.12	.02	.04	1	8
L461E 464+75N	1	31	8	67	.1	23	13	493	2.22	17	5	ND	2	11	.2	2	2	37	.11	.047	5	21	.20	97	.13	2	1.86	.02	.03	1	9
L461E 464+50N	1	41	11	84	.1	19	11	398	2.74	17	5	ND	3	9	.2	2	2	40	.08	.134	5	21	.18	87	.16	4	3.34	.02	.04	1	18
L461E 464+25N	1	72	14	53	.2	35	13	399	2.57	16	5	ND	4	12	.2	2	3	37	.11	.095	7	26	.35	107	.17	2	4.59	.02	.04	1	66
L461E 464+00N	1	64	11	41	.2	30	16	190	2.06	10	5	ND	3	14	.2	2	2	31	.14	.067	8	20	.23	92	.15	3	3.20	.02	.04	1	9
L461E 463+25N	1	32	9	43	.2	24	10	878	1.77	16	5	ND	2	15	.2	2	2	28	.13	.073	5	18	.16	105	.13	2	2.35	.02	.04	2	5
L461E 463+00N	1	64	12	53	.2	27	14	782	2.34	13	5	ND	3	16	.2	2	2	35	.16	.103	6	24	.29	105	.14	3	2.69	.02	.04	1	14
L461E 462+75N	1	70	10	43	.4	24	12	330	2.17	15	5	ND	3	17	.2	2	2	32	.16	.078	11	21	.31	99	.15	2	3.31	.02	.04	1	1
L461E 462+50N	9	284	15	40	.2	39	19	349	3.48	25	5	ND	3	16	.2	3	2	47	.20	.040	12	63	.76	76	.10	2	1.76	.01	.05	25	20
L461E 462+25N	1	48	11	41	.2	32	12	597	2.16	18	5	ND	3	17	.2	2	2	33	.16	.050	6	24	.29	125	.15	5	3.23	.02	.03	2	18
L461E 462+00N	1	121	13	51	.3	38	29	361	2.26	9	5	ND	4	15	.2	2	2	34	.15	.071	8	25	.32	99	.13	2	2.87	.02	.05	1	32
L461E 461+75N	1	96	11	40	.4	58	33	228	2.44	35	5	ND	2	13	.2	2	2	41	.18	.022	6	34	.41	71	.14	4	1.94	.02	.05	1	11
L461E 461+50N	1	35	10	42	.3	26	9	415	1.98	6	5	ND	3	19	.2	2	2	31	.16	.083	8	18	.25	136	.15	3	3.21	.02	.04	1	9
L461E 461+25N	1	39	10	54	.2	21	9	575	2.01	15	5	ND	3	10	.2	2	2	32	.11	.106	5	17	.23	96	.14	5	3.21	.02	.04	1	7
L461E 461+00N	1	152	17	58	.2	47	25	455	2.06	12	5	ND	2	19	.2	2	2	32	.49	.051	8	27	.37	93	.10	2	1.84	.02	.03	1	2
L461E 460+75N	1	51	11	47	.5	32	13	203	2.29	13	5	ND	3	17	.2	2	2	35	.18	.089	7	24	.31	130	.14	4	3.01	.02	.06	1	1
L461E 460+50N	1	46	11	52	.4	33	14	663	2.29	13	5	ND	3	15	.2	3	2	34	.16	.094	6	23	.29	131	.14	2	3.15	.02	.05	1	4
L461E 460+25N	1	35	13	45	.3	24	12	529	2.05	10	5	ND	3	16	.2	2	2	30	.14	.078	5	15	.18	102	.16	4	3.76	.02	.05	1	4
L461E 460+00N	1	66	13	51	.3	44	16	244	2.53	16	5	ND	2	18	.2	2	2	37	.26	.058	7	29	.33	102	.13	3	2.93	.02	.05	1	1
L461E 459+75N	1	65	12	49	.5	42	12	633	2.28	14	5	ND	3	15	.2	3	2	31	.21	.055	8	24	.29	126	.14	4	3.36	.02	.06	1	2
L461E 459+50N	1	37	12	48	.2	34	13	299	2.14	12	5	ND	2	15	.2	2	2	33	.22	.071	4	24	.29	108	.13	2	2.75	.02	.11	1	9
L461E 459+25N	1	118	16	91	1.0	85	18	460	3.70	11	5	ND	4	28	.2	2	2	44	.64	.032	12	48	.56	138	.15	4	4.42	.03	.08	1	7
L461E 459+00N	1	63	12	54	.4	36	12	298	2.44	8	5	ND	3	17	.2	3	2	35	.25	.126	9	28	.36	136	.14	2	3.56	.02	.06	1	41
L461E 458+75N	1	61	13	73	.3	44	14	388	2.58	16	5	ND	3	18	.2	2	2	35	.26	.132	8	34	.42	144	.13	4	3.42	.02	.05	1	19
L461E 458+50N	1	201	12	67	1.0	67	17	576	3.12	21	5	ND	3	24	.2	2	3	48	.44	.052	31	57	.77	129	.12	2	3.17	.03	.08	1	2
STANDARD C/AU-S	18	58	39	132	7.1	72	31	1038	4.00	39	21	7	38	53	19.4	14	23	56	.51	.092	39	59	.91	182	.09	39	1.93	.06	.14	11	49

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
L461E 458+25N	1	38	10	44	.2	24	12	588	1.98	18	5	ND	2	21	.2	2	2	32	.33	.049	6	23	.33	124	.11	3	2.13	.02	.06	2	10
L461E 458+00N	1	30	9	55	.2	19	9	579	1.62	15	5	ND	2	27	.2	2	2	24	.31	.167	5	20	.28	168	.08	2	1.53	.02	.07	1	22
L462E 466+00N	1	78	14	52	.3	32	14	424	2.28	19	5	ND	2	21	.2	2	2	35	.21	.052	7	28	.37	101	.10	8	1.82	.02	.05	1	88
L462E 465+75N	1	251	11	49	.4	52	19	277	3.22	24	5	ND	4	15	.2	2	2	45	.17	.055	13	45	.65	69	.11	5	2.26	.02	.05	1	74
L462E 465+50N	1	85	12	52	.2	35	13	568	2.22	21	5	ND	2	21	.2	2	2	33	.29	.089	7	27	.38	105	.11	5	2.32	.02	.07	1	6
L462E 465+25N	1	132	11	44	.4	41	17	197	2.57	11	5	ND	2	15	.2	2	2	38	.28	.035	7	30	.38	72	.13	5	2.66	.02	.05	1	75
L462E 465+00N	1	28	8	25	.2	14	8	211	1.39	2	6	ND	3	6	.2	2	2	21	.08	.046	4	11	.13	51	.09	2	1.58	.02	.05	2	105
L462E 464+75N	1	23	6	42	.1	12	7	192	1.64	22	5	ND	1	6	.2	3	2	25	.06	.122	3	13	.12	50	.09	4	1.71	.01	.02	1	18
L462E 464+50N	1	33	7	49	.2	17	8	347	2.33	13	6	ND	3	11	.2	2	2	39	.12	.066	6	21	.22	83	.13	3	1.84	.02	.05	1	19
L462E 464+25N	1	38	11	57	.4	30	13	576	2.23	16	5	ND	3	16	.2	2	2	32	.14	.093	5	18	.21	95	.15	2	3.46	.02	.03	1	9
L462E 464+00N	1	41	11	61	.3	23	10	790	1.99	22	5	ND	3	13	.2	2	2	29	.14	.144	5	18	.18	115	.14	5	3.54	.02	.04	1	7
L462E 463+75N	1	11	5	15	.1	7	2	41	.64	2	5	ND	1	8	.2	2	2	17	.13	.014	2	9	.05	16	.05	6	.36	.02	.01	1	3
L462E 463+00N	1	42	9	85	.2	33	20	502	2.11	15	5	ND	3	9	.2	2	2	32	.09	.068	4	18	.21	66	.13	2	2.61	.02	.04	1	6
L462E 462+75N	1	42	9	61	.3	32	14	508	2.11	32	5	ND	3	15	.2	2	2	31	.14	.078	5	18	.20	116	.14	3	3.39	.02	.04	1	10
L462E 462+50N	1	34	6	38	.4	19	11	514	1.54	10	5	ND	2	8	.2	2	2	27	.09	.068	4	13	.15	89	.11	2	1.87	.03	.03	1	5
L462E 462+25N	1	37	9	48	.2	19	10	314	1.80	16	5	ND	3	9	.2	2	2	28	.09	.091	5	13	.16	61	.14	2	2.99	.02	.03	1	5
L462E 462+00N	1	36	11	54	.2	27	11	762	2.10	22	5	ND	2	13	.2	2	2	32	.14	.087	5	20	.24	137	.14	3	3.14	.02	.03	1	1
L462E 461+75N	1	67	8	54	.2	37	16	176	2.37	13	5	ND	3	21	.2	2	2	35	.23	.063	7	26	.32	130	.13	2	3.11	.02	.04	1	29
L462E 461+50N	1	462	16	70	.7	128	17	302	2.50	23	5	ND	4	23	.2	2	2	30	.42	.052	12	21	.26	76	.18	3	4.32	.04	.03	1	10
L462E 461+25N	1	79	5	52	.3	34	14	213	2.50	25	5	ND	3	16	.2	2	2	35	.18	.119	8	27	.33	95	.12	7	2.92	.02	.04	1	16
L462E 461+00N	1	42	10	61	.2	25	13	436	2.35	19	5	ND	3	11	.2	2	2	34	.12	.159	5	20	.22	92	.14	4	3.67	.02	.05	1	6
L462E 460+75N	1	243	14	79	1.1	84	14	469	3.05	28	5	ND	4	26	.4	2	2	42	.33	.059	15	39	.48	199	.14	3	3.86	.02	.08	1	8
L462E 460+50N	1	132	16	91	.8	72	13	447	2.78	23	5	ND	4	25	.2	2	2	39	.23	.069	11	31	.37	227	.15	10	3.83	.03	.07	1	14
L462E 460+25N	1	36	9	70	.4	40	10	397	2.28	21	5	ND	3	20	.2	2	2	32	.22	.084	6	22	.28	153	.14	3	3.12	.02	.06	1	5
L462E 460+00N	1	40	5	61	.4	31	8	307	1.87	18	5	ND	3	14	.2	2	2	29	.14	.144	5	21	.24	130	.11	2	2.07	.02	.05	1	11
L462E 459+75N	1	27	9	72	.3	38	9	482	2.10	18	5	ND	3	17	.2	2	2	31	.16	.233	5	21	.26	179	.12	3	2.83	.02	.06	1	9
L462E 459+50N	1	49	11	59	.3	32	8	367	1.77	16	5	ND	2	22	.2	2	2	28	.29	.082	7	23	.30	130	.09	2	1.61	.02	.05	1	5
L462E 459+25N	1	129	9	39	.8	50	7	285	1.94	18	5	ND	2	16	.2	2	2	30	.46	.020	12	34	.34	74	.06	4	1.86	.04	.06	1	1
L462E 459+00N	1	39	8	66	.3	25	8	607	1.65	16	5	ND	2	18	.2	2	2	28	.30	.052	6	22	.27	86	.08	2	1.32	.02	.06	1	2
L462E 458+75N	1	33	10	83	.5	62	11	508	2.28	18	5	ND	3	19	.2	2	2	30	.18	.199	6	27	.36	169	.12	2	2.87	.02	.06	1	1
L462E 458+50N	1	29	10	87	.4	40	12	672	2.34	19	5	ND	3	25	.2	2	2	32	.23	.190	8	31	.37	224	.10	4	2.30	.02	.07	1	1
L462E 458+25N	1	59	11	59	.3	41	9	496	1.71	16	5	ND	1	21	.2	2	2	27	.21	.073	12	26	.35	103	.07	2	1.27	.02	.06	1	10
L462E 458+00N	1	66	9	81	.7	64	12	397	2.38	16	5	ND	3	23	.2	2	2	33	.24	.128	10	31	.43	178	.11	4	2.47	.02	.07	1	1
L463E 462+50N	1	197	4	27	.4	46	5	166	1.11	6	5	ND	2	15	.2	2	2	19	.27	.026	9	18	.13	43	.09	4	1.32	.04	.04	1	1
L463E 462+25N	1	58	6	52	.6	30	12	331	2.28	24	5	ND	3	17	.2	2	2	34	.22	.093	7	22	.28	117	.14	5	3.44	.02	.06	1	20
L463E 462+00N	1	35	8	43	.3	27	13	227	2.20	21	5	ND	3	13	.2	2	2	32	.14	.038	4	16	.20	76	.16	4	3.08	.02	.03	1	1
STANDARD C/AU-S	18	58	38	132	7.0	71	31	1032	3.94	43	21	6	38	53	19.1	15	19	55	.50	.098	38	57	.90	180	.08	38	1.89	.06	.13	11	54

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
L463E 461+75N	1	30	9	44	.1	15	10	606	1.38	15	5	ND	1	13	.4	2	2	25	.12	.071	4	12	.17	152	.12	4	1.54	.02	.04	1	8
L463E 461+50N	1	43	3	52	.3	20	11	468	1.76	45	5	ND	1	12	.3	2	2	29	.16	.106	5	16	.20	105	.15	3	2.39	.02	.04	1	24
L463E 461+25N	1	31	10	48	.2	19	9	699	1.56	12	5	ND	1	18	.2	2	2	28	.18	.065	3	13	.17	127	.15	3	2.11	.02	.03	1	3
L463E 461+00N	1	25	11	48	.3	19	8	777	1.35	13	5	ND	1	20	.2	2	2	24	.14	.145	4	13	.16	182	.12	4	1.58	.02	.04	1	19
L463E 460+75N	1	40	10	67	.4	29	10	535	1.86	16	5	ND	1	17	.4	2	2	32	.15	.077	6	21	.28	161	.14	3	2.18	.02	.04	1	34
L463E 460+50N	1	52	19	55	.3	25	10	821	2.05	18	5	ND	2	16	.2	2	2	32	.18	.125	6	23	.33	128	.15	3	2.69	.01	.05	2	25
L463E 460+25N	1	43	15	63	.3	26	11	658	2.06	17	5	ND	1	11	.4	2	2	32	.11	.138	6	24	.37	145	.12	3	2.32	.01	.04	2	42
L463E 460+00N	1	36	9	54	.1	21	8	597	1.53	13	5	ND	1	11	.2	2	2	26	.10	.132	5	18	.27	154	.11	3	1.70	.02	.04	1	41
L463E 459+75N	1	169	15	63	.3	46	13	486	2.95	17	5	ND	2	15	.8	2	2	44	.25	.062	14	43	.63	147	.14	2	3.08	.01	.08	1	28
L463E 459+50N	1	69	5	85	.3	51	14	275	2.58	17	5	ND	2	15	.2	2	2	39	.18	.059	8	33	.47	155	.14	2	2.53	.01	.07	1	82
L463E 459+25N	1	50	10	67	.4	32	11	620	2.17	23	5	ND	2	19	.5	2	2	34	.19	.164	8	27	.37	207	.14	2	2.53	.01	.07	1	22
L463E 459+00N	1	41	16	76	.2	29	12	1078	2.16	25	5	ND	2	13	.2	2	3	35	.12	.279	6	25	.33	182	.14	4	2.90	.01	.05	1	30
L463E 458+75N	1	37	2	41	.1	16	7	522	1.51	9	5	ND	1	17	.2	2	2	28	.17	.122	6	17	.27	126	.12	4	1.76	.02	.05	1	9
L463E 458+50N	1	56	6	58	.1	26	9	286	2.61	16	5	ND	2	12	.4	2	2	43	.14	.094	7	25	.43	88	.17	3	2.98	.01	.04	3	14
L463E 458+25N	1	57	4	52	.1	27	10	555	2.14	15	5	ND	1	17	.5	2	2	36	.20	.102	7	26	.44	142	.12	2	2.06	.01	.06	4	2
L463E 458+00N	1	51	12	49	.4	28	10	435	2.23	13	5	ND	2	11	.2	2	2	39	.13	.078	6	24	.41	135	.16	2	2.65	.01	.04	2	19
STANDARD C/AU-S	18	58	42	128	7.3	67	29	1034	3.85	38	16	7	36	48	17.9	15	21	56	.50	.095	35	52	.84	172	.08	35	1.91	.06	.14	11	46

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
GCR 90-1	1	32	4	21	.1	1351	25	754	3.23	26	5	ND	1	74	.5	2	2	13	1.66	.005	2	531	11.95	57	.01	2	.32	.01	.02	1	3
GCR 90-2	1	16	4	7	.2	1058	31	376	3.37	19	5	ND	1	91	.5	2	2	17	.81	.004	2	621	12.85	26	.01	8	.51	.01	.02	1	4
GCR 90-3	1	13	143	829	.1	359	13	460	1.79	36	5	ND	1	590	3.1	2	2	13	5.64	.003	2	104	9.49	12	.01	2	.42	.01	.01	1	1
GCR 90-4	2	176	3	9	.1	16	3	91	2.68	5	5	ND	1	9	.2	2	2	69	.33	.015	2	14	.61	22	.14	2	.99	.13	.05	1	8
GCR 90-5	14	324	5	30	.2	17	12	209	2.77	10	5	ND	1	8	.2	2	3	76	.17	.014	2	15	1.24	20	.09	8	1.17	.05	.09	17	105
STANDARD C/AU-R	17	61	39	130	7.0	68	30	1022	3.93	39	22	7	38	53	18.4	15	19	55	.50	.096	37	56	.90	181	.09	39	1.88	.06	.13	13	490

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Attwood Gold Corp. PROJECT GOLDEN CROWN File # 90-1341 Page 1

100 - 450 W. Georgia St., Vancouver BC V6B 1Z3 Submitted by: G. FORD

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
L463E 466+00N	1	51	6	35	.4	23	8	304	1.96	10	5	ND	2	15	.4	2	2	29	.17	.071	5	12	.15	89	.24	2	4.42	.02	.03	1	19
L463E 465+75N	1	57	9	42	.3	29	12	398	2.23	16	5	ND	2	18	.4	2	2	37	.22	.064	6	21	.27	95	.19	2	2.82	.02	.04	1	4
L463E 465+50N	1	129	12	46	.3	31	14	464	2.56	17	5	ND	3	15	.6	3	2	39	.15	.123	11	25	.38	98	.21	3	4.30	.02	.05	1	36
L463E 465+25N	1	73	12	50	.4	31	13	610	2.28	18	5	ND	3	18	.6	2	2	36	.19	.091	8	20	.30	117	.21	3	3.74	.02	.05	1	23
L463E 465+00N	1	114	8	48	.3	27	12	431	2.22	12	5	ND	2	14	.7	2	3	37	.17	.068	8	22	.34	110	.19	4	2.99	.02	.05	1	16
L463E 464+75N	1	86	18	47	.2	27	11	394	2.29	15	5	ND	3	12	1.0	2	2	35	.15	.069	7	20	.30	84	.22	2	4.29	.02	.04	1	36
L463E 464+50N	1	222	10	56	.5	37	14	178	2.57	11	5	ND	3	12	.7	2	2	38	.15	.053	9	26	.36	69	.24	2	4.55	.02	.05	1	650
L463E 464+25N	1	116	5	56	.1	26	12	319	2.48	12	5	ND	2	12	.4	2	3	43	.15	.070	7	24	.31	81	.19	2	2.61	.02	.05	1	60
L463E 464+00N	1	80	12	49	.1	20	7	210	2.54	14	5	ND	2	8	.2	2	2	43	.11	.066	6	18	.25	63	.21	2	2.84	.01	.04	1	1
L463E 463+75N	1	144	12	55	.2	27	10	395	2.16	14	5	ND	3	12	.4	2	2	35	.14	.077	8	19	.27	98	.20	2	3.22	.02	.04	1	5
L463E 463+50N	1	57	11	69	.1	32	15	274	1.59	12	5	ND	2	10	.8	2	2	27	.10	.056	4	13	.14	80	.17	3	2.70	.02	.03	1	1
L463E 463+25N	1	105	13	50	.3	40	12	136	2.01	12	5	ND	2	21	.2	2	2	34	.21	.030	6	19	.24	156	.19	2	2.83	.02	.04	2	35
L463E 463+00N	1	279	16	57	.6	105	81	222	2.86	18	5	ND	3	23	.2	3	2	35	.56	.021	11	31	.34	80	.22	3	3.81	.03	.04	1	48
L463E 462+75N	1	223	38	78	.3	42	23	681	3.47	49	5	ND	3	33	.8	2	3	50	.56	.083	24	41	.71	117	.14	3	1.84	.01	.11	1	44
L464E 466+00N	1	45	9	54	.1	22	9	247	2.09	14	5	ND	1	13	.3	2	3	36	.20	.055	5	18	.24	78	.18	2	2.39	.02	.04	1	2
L464E 465+75N	1	168	11	78	.5	33	11	220	2.31	13	5	ND	2	12	.3	2	2	35	.13	.072	6	19	.25	101	.21	3	3.76	.02	.06	1	1
L464E 465+50N	1	87	10	85	.3	34	15	463	2.55	13	5	ND	2	24	.4	2	2	39	.29	.092	9	26	.35	153	.18	7	2.82	.02	.08	3	1
L464E 465+25N	1	68	10	69	.2	40	15	918	2.46	21	5	ND	2	22	.6	2	2	39	.33	.068	8	27	.36	219	.17	4	2.60	.02	.05	1	10
L464E 465+00N	1	43	10	44	.2	26	11	564	1.91	17	5	ND	2	15	.4	2	3	30	.15	.063	5	14	.22	150	.20	3	3.00	.02	.04	1	12
L464E 464+75N	1	69	14	64	.2	36	12	436	2.59	12	5	ND	2	12	.2	2	2	43	.17	.087	7	26	.35	153	.21	4	3.39	.02	.05	1	80
L464E 464+50N	1	58	10	49	.3	27	9	359	2.02	11	5	ND	3	11	.2	2	2	34	.12	.076	7	18	.28	129	.20	3	3.45	.02	.04	1	22
L464E 464+25N	1	75	10	56	.3	29	11	491	2.21	11	5	ND	3	16	.3	2	2	36	.16	.064	9	22	.30	127	.21	4	3.59	.02	.04	1	10
L464E 464+00N	1	156	7	70	.1	36	13	308	3.18	20	5	ND	2	13	.2	2	2	51	.16	.071	7	27	.38	95	.21	4	3.13	.01	.06	1	47
L464E 463+75N	1	172	10	43	.3	24	12	346	1.84	15	5	ND	3	15	.5	3	3	28	.15	.074	8	13	.19	75	.23	4	3.98	.02	.04	1	1
L464E 463+50N	1	165	14	72	.1	27	25	164	1.74	9	5	ND	2	11	.4	2	2	26	.11	.077	5	10	.09	61	.21	2	3.65	.02	.03	1	1
L464E 463+25N	1	187	23	50	.1	66	11	292	1.68	15	5	ND	1	34	.5	2	2	24	.71	.065	7	19	.28	137	.20	6	2.83	.03	.10	1	6
L464E 463+00N	1	125	15	57	.4	48	11	373	1.98	18	5	ND	1	26	.8	2	2	33	.48	.066	10	24	.33	123	.17	4	2.64	.02	.08	1	14
L464E 462+75N	1	280	8	53	2.5	30	15	307	2.56	21	5	ND	2	20	.4	2	3	38	.24	.092	9	27	.37	106	.17	3	2.88	.02	.05	3	460
L464E 462+50N	1	88	4	62	.5	28	12	459	2.33	19	5	ND	2	16	.2	2	3	35	.20	.101	8	23	.32	115	.19	3	3.21	.02	.05	1	5
L464E 462+25N	1	167	16	81	.2	76	16	611	2.50	20	5	ND	2	17	.2	2	2	35	.39	.111	6	22	.26	94	.21	4	3.76	.02	.05	1	2
L464E 462+00N	1	165	13	53	.2	48	15	296	2.60	26	5	ND	2	16	.2	4	2	44	.31	.036	8	38	.55	101	.15	2	2.13	.02	.04	1	3
L464E 461+75N	1	76	13	71	.2	34	12	284	2.07	19	5	ND	2	10	.5	2	2	33	.13	.081	5	19	.24	88	.19	2	2.84	.01	.04	1	6
L464E 461+50N	2	264	20	92	.4	59	19	302	3.60	35	5	ND	3	17	.3	3	4	49	.23	.061	13	39	.56	120	.18	2	2.99	.01	.06	1	1
L464E 461+25N	1	102	7	95	.3	52	16	482	2.55	23	5	ND	2	23	.2	2	3	39	.41	.087	9	29	.40	132	.17	3	2.69	.02	.05	1	16
L464E 461+00N	1	43	11	72	.5	40	11	468	2.15	19	5	ND	2	18	.8	2	3	31	.19	.096	6	20	.24	152	.20	4	3.35	.02	.05	1	13
L464E 460+75N	1	44	5	79	.3	31	11	779	1.95	17	5	ND	2	24	.3	2	2	30	.25	.097	8	20	.27	168	.16	3	2.46	.02	.05	1	17
STANDARD C/AU-S	18	58	39	129	7.1	67	31	1047	3.98	42	18	7	36	47	18.5	16	21	57	.51	.092	37	55	.89	174	.08	36	1.98	.06	.13	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 -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 17 1990 DATE REPORT MAILED: May 24/90 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
L464E 460+50N	1	56	7	52	.3	33	10	519	2.04	13	5	ND	2	23	.3	2	2	29	.18	.053	9	19	.26	193	.18	3	3.49	.02	.05	1	36
L464E 460+25N	1	46	11	60	.1	28	10	581	2.01	18	5	ND	2	13	.3	2	2	31	.12	.118	6	23	.31	155	.15	3	2.86	.01	.04	1	28
L464E 460+00N	1	44	13	48	.2	21	8	539	1.56	11	5	ND	1	11	.4	2	2	27	.12	.077	6	16	.23	94	.14	3	2.16	.02	.05	1	15
L464E 459+75N	1	26	8	64	.2	21	10	540	1.82	12	5	ND	1	17	.2	2	2	29	.17	.096	5	18	.23	140	.14	3	2.20	.01	.04	1	41
L464E 459+50N	1	60	13	68	.2	29	11	453	2.21	21	5	ND	2	14	.2	2	2	35	.13	.146	7	24	.36	144	.15	2	2.89	.01	.05	1	8
L464E 459+25N	1	65	12	60	.3	29	12	373	2.17	20	5	ND	2	15	.2	2	2	35	.15	.096	7	26	.38	203	.14	3	2.45	.01	.05	1	43
L464E 459+00N	1	65	14	61	.3	39	13	446	2.47	21	5	ND	2	22	.2	2	2	40	.23	.080	8	30	.49	197	.14	2	2.34	.01	.06	1	69
L464E 458+75N	1	41	20	64	.3	22	10	1142	1.78	18	5	ND	2	21	.4	2	2	29	.22	.182	8	17	.26	188	.16	2	2.56	.01	.06	1	43
L464E 458+50N	1	34	10	52	.1	22	7	651	1.94	14	5	ND	1	11	.2	2	3	34	.14	.073	6	21	.32	117	.15	3	1.95	.02	.05	2	21
L464E 458+25N	1	58	16	54	.2	26	10	789	2.06	16	5	ND	2	12	.3	3	2	34	.15	.092	7	24	.37	129	.15	2	2.35	.01	.04	4	22
L464E 458+00N	1	50	10	68	.1	29	11	1092	2.27	18	5	ND	2	14	.4	2	2	34	.15	.123	6	21	.31	235	.16	2	2.64	.01	.05	1	25
L465E 466+00N	1	47	8	102	.3	26	8	709	1.87	14	5	ND	2	20	.5	2	2	28	.17	.084	5	14	.19	166	.20	4	4.12	.02	.04	1	3
L465E 465+75N	1	26	8	52	.1	12	7	324	1.43	13	5	ND	1	12	.3	2	2	23	.12	.098	3	8	.10	66	.17	3	2.82	.01	.03	1	14
L465E 465+50N	1	65	21	55	.1	17	8	529	1.40	11	5	ND	1	15	.7	2	2	25	.15	.077	3	11	.13	99	.14	4	1.77	.02	.04	1	9
L465E 465+25N	1	276	12	52	.3	27	14	458	2.44	21	5	ND	2	17	.6	2	2	36	.23	.067	9	25	.38	111	.13	2	2.07	.01	.05	1	49
L465E 465+00N	1	88	9	56	.5	25	12	381	2.21	19	5	ND	2	13	.6	2	2	36	.14	.180	7	19	.27	127	.17	3	3.24	.01	.05	1	9
L465E 464+75N	1	182	14	55	.4	39	13	252	2.90	29	5	ND	4	16	.2	2	2	50	.26	.026	16	42	.67	81	.14	3	1.69	.01	.05	1	45
L465E 464+50N	3	498	11	54	1.0	48	17	285	4.84	44	5	ND	3	19	.2	3	2	62	.47	.050	17	61	.98	84	.12	2	1.93	.01	.06	3	290
L465E 464+25N	1	36	8	69	.2	20	8	246	1.70	12	5	ND	1	14	.2	2	2	28	.11	.115	5	11	.15	110	.18	2	2.70	.02	.04	1	26
L465E 464+00N	1	18	7	72	.2	16	7	383	1.51	9	5	ND	2	16	.5	2	2	25	.16	.129	4	10	.15	144	.17	2	2.33	.01	.05	1	7
L465E 463+75N	1	129	19	53	.5	51	11	361	2.33	17	5	ND	3	20	.2	2	4	36	.24	.033	13	28	.37	169	.17	2	3.11	.02	.06	1	10
L465E 463+50N	1	46	12	55	.2	34	10	457	1.93	11	5	ND	2	15	.4	2	2	32	.17	.060	7	19	.25	164	.17	2	2.68	.02	.05	1	4
L465E 463+25N	1	59	14	54	.2	52	10	360	2.09	19	5	ND	2	12	.3	2	2	32	.15	.049	6	21	.27	206	.19	3	3.08	.02	.04	1	6
L465E 463+00N	1	80	22	71	.2	31	11	592	1.95	37	5	ND	2	24	.4	2	2	33	.29	.077	12	22	.36	127	.15	2	2.02	.02	.06	1	4
L465E 462+75N	1	272	20	66	.9	81	13	572	3.01	35	5	ND	3	18	.4	2	2	41	.26	.049	18	30	.36	118	.22	2	4.84	.02	.06	1	5
L465E 462+50N	1	98	6	38	.3	42	12	355	2.14	53	5	ND	2	13	.5	2	2	32	.16	.051	6	17	.21	96	.22	4	3.70	.02	.04	1	1
L465E 462+25N	1	64	8	38	.2	25	10	252	2.02	24	5	ND	3	16	.3	2	2	30	.17	.067	8	18	.27	104	.19	3	3.47	.02	.05	2	5
L465E 462+00N	1	50	14	45	.4	23	11	326	1.89	15	5	ND	2	12	.5	2	2	30	.12	.067	8	18	.24	111	.18	3	3.25	.02	.04	1	540
L465E 461+75N	1	35	6	64	.2	23	9	477	1.95	14	5	ND	2	9	.2	2	3	33	.12	.119	6	20	.28	112	.16	2	2.50	.01	.04	1	260
L465E 461+50N	1	28	4	68	.1	20	9	1013	1.89	22	5	ND	1	10	.3	2	2	32	.13	.193	5	19	.27	145	.14	2	2.24	.01	.03	1	56
L465E 461+25N	1	82	21	52	.2	33	12	600	1.85	17	5	ND	1	19	.2	2	3	31	.24	.045	8	20	.26	109	.14	2	2.02	.02	.05	1	14
L465E 461+00N	1	34	8	60	.1	24	8	889	1.75	16	5	ND	1	19	.2	2	3	30	.19	.108	6	20	.27	198	.14	2	2.24	.01	.05	1	11
L465E 460+75N	1	28	11	76	.2	23	10	1484	1.83	15	5	ND	1	14	.3	2	2	28	.15	.216	6	19	.28	277	.14	3	2.19	.01	.06	1	370
L465E 460+50N	1	52	2	23	.4	11	27	511	.89	6	5	ND	1	11	.2	2	2	21	.14	.036	14	8	.10	36	.08	2	.89	.02	.03	1	6
L465E 460+25N	1	55	8	50	.2	31	10	424	1.97	19	5	ND	2	10	.3	2	2	33	.14	.078	8	24	.35	95	.15	2	2.40	.01	.04	1	40
L465E 460+00N	1	28	18	68	.1	32	10	492	1.84	16	5	ND	1	22	.2	2	2	30	.22	.087	5	16	.24	137	.18	2	2.57	.02	.05	2	1
STANDARD C/AU-S	18	57	38	131	7.0	67	30	1049	3.93	41	17	6	37	47	18.6	15	22	58	.51	.088	37	55	.89	174	.08	36	1.98	.06	.13	12	50

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
L466E 465+75N	2	301	2	66	.2	65	19	238	3.13	22	5	ND	4	20	.3	2	2	44	.21	.034	12	34	.48	294	.17	2	3.05	.02	.05	2	34
L466E 465+50N	1	35	14	60	.1	20	9	301	1.86	10	5	ND	1	12	.3	2	3	31	.15	.091	5	16	.21	104	.17	2	2.03	.02	.04	1	18
L466E 465+25N	1	29	3	71	.1	28	12	619	2.27	13	5	ND	1	15	.2	2	2	36	.18	.184	6	22	.27	184	.16	3	2.71	.02	.05	1	19
L466E 465+00N	1	33	8	63	.4	24	11	554	2.00	15	5	ND	2	16	.2	2	2	31	.21	.158	6	16	.24	115	.17	3	3.08	.02	.05	1	13
L466E 464+75N	1	43	5	57	.4	32	11	271	2.25	19	5	ND	2	15	.2	2	2	36	.23	.061	7	22	.30	120	.18	4	2.84	.02	.05	1	14
L466E 464+50N	1	49	5	63	.4	33	10	208	2.20	15	5	ND	2	15	.3	2	2	34	.22	.060	7	18	.27	111	.19	2	3.27	.02	.05	1	34
L466E 464+25N	1	86	7	51	.3	47	12	231	2.71	22	5	ND	2	20	.2	2	2	39	.35	.034	11	28	.39	138	.19	2	3.25	.02	.05	1	42
L466E 464+00N	1	148	12	71	.7	78	13	448	3.06	32	5	ND	3	23	.2	2	2	40	.36	.065	12	29	.39	180	.22	2	4.47	.03	.06	1	35
L466E 463+75N	1	65	6	61	.5	45	11	183	2.46	17	5	ND	2	19	.6	2	3	36	.36	.066	7	25	.32	113	.19	2	3.41	.02	.05	2	12
L466E 463+50N	1	168	15	65	.5	76	12	374	2.97	29	5	ND	2	18	.2	2	2	37	.30	.046	12	30	.33	149	.20	2	4.27	.02	.06	1	13
L466E 463+25N	1	73	14	75	.6	42	10	513	2.02	16	5	ND	2	18	.2	2	2	30	.22	.118	13	17	.22	152	.20	5	3.67	.03	.06	1	11
L466E 463+00N	1	59	12	74	.4	41	12	909	2.22	17	5	ND	2	19	.4	2	3	37	.31	.059	8	27	.40	180	.16	2	2.33	.02	.06	1	16
L466E 462+75N	1	44	3	103	.2	28	12	636	2.12	15	5	ND	1	26	.5	2	2	35	.26	.133	8	20	.27	209	.17	2	2.35	.02	.06	1	53
L466E 462+50N	1	44	8	62	.3	43	11	439	2.19	17	5	ND	2	24	.3	2	2	35	.27	.071	8	24	.33	161	.18	2	3.06	.02	.06	1	15
L466E 462+25N	1	28	8	63	.2	26	9	720	1.81	21	5	ND	2	27	.3	2	2	29	.18	.233	6	14	.20	157	.18	2	3.21	.02	.05	1	22
L466E 462+00N	1	31	10	57	.2	25	9	732	1.84	12	5	ND	2	20	.4	2	3	30	.19	.091	5	13	.19	110	.20	2	3.54	.02	.03	1	5
L466E 461+75N	1	41	5	75	.2	29	11	945	2.17	13	5	ND	2	21	.4	2	2	37	.27	.118	7	23	.31	189	.17	3	3.05	.02	.05	1	12
L466E 461+50N	1	165	15	62	.7	27	11	566	2.55	19	5	ND	3	14	.5	2	2	39	.16	.104	7	20	.27	159	.23	3	4.43	.02	.05	1	9
L466E 461+25N	1	96	4	55	.2	35	15	492	2.35	19	5	ND	3	21	.2	2	2	37	.21	.089	11	27	.38	152	.20	2	3.58	.02	.05	2	28
L466E 461+00N	1	29	10	77	.3	22	11	1526	1.70	12	5	ND	1	24	.2	2	2	28	.22	.181	6	17	.24	183	.14	2	2.19	.02	.05	1	38
L466E 460+75N	1	50	12	52	.2	22	10	552	1.81	19	5	ND	1	15	.4	2	5	30	.16	.128	7	16	.23	141	.16	2	2.99	.02	.04	2	580
L466E 460+50N	1	64	17	56	.3	33	13	737	2.14	14	5	ND	2	17	.2	2	2	36	.16	.092	8	24	.33	145	.17	2	2.88	.02	.05	1	25
L466E 460+25N	1	31	8	56	.2	31	12	626	2.16	14	5	ND	2	24	.4	2	3	35	.23	.105	6	22	.32	134	.16	2	2.69	.02	.04	1	40
L466E 460+00N	1	28	10	61	.2	20	9	808	1.77	15	5	ND	1	34	.5	2	3	27	.27	.219	5	16	.26	225	.16	4	2.75	.02	.05	1	23
L467E 468+50N	1	15	15	71	.1	12	8	1236	1.68	14	5	ND	2	14	.3	2	2	28	.16	.183	3	8	.12	89	.21	4	2.98	.02	.04	1	3
L467E 468+25N	1	37	7	109	.2	29	12	1032	2.10	28	5	ND	1	19	.3	2	2	38	.28	.134	5	19	.27	178	.19	2	3.30	.02	.06	1	2
L467E 468+00N	1	438	2	59	1.1	57	11	873	2.04	59	5	ND	2	23	.7	2	2	31	.67	.041	45	22	.25	60	.18	4	3.08	.03	.05	1	8
L467E 467+75N	1	42	12	69	.2	18	8	385	1.71	12	5	ND	2	13	.4	2	2	25	.25	.097	7	14	.17	72	.17	5	3.20	.02	.04	1	6
L467E 467+50N	1	75	12	58	.3	25	12	411	2.33	22	5	ND	2	16	.3	2	2	37	.29	.077	8	22	.31	98	.16	2	2.78	.02	.05	1	23
L467E 467+25N	1	369	2	47	.4	61	28	309	4.71	52	5	ND	3	16	.4	2	2	57	.43	.039	16	52	.81	61	.13	2	1.73	.01	.04	2	350
L467E 467+00N	1	51	2	93	.2	33	12	252	2.62	25	5	ND	2	15	.4	2	4	41	.18	.080	5	19	.27	93	.20	3	4.04	.02	.05	1	50
L467E 466+75N	1	29	11	77	.3	21	8	584	1.88	23	5	ND	2	21	.2	2	2	30	.18	.086	5	10	.15	127	.22	3	4.08	.02	.05	2	6
L467E 466+50N	1	149	3	44	.5	40	11	201	2.14	19	5	ND	2	24	.6	2	4	27	.55	.021	13	18	.25	57	.18	3	2.91	.03	.04	1	60
L467E 466+25N	1	376	17	74	.8	83	15	423	3.42	42	5	ND	3	26	.4	2	4	43	.28	.060	19	27	.35	157	.24	2	5.11	.03	.08	1	1010
L467E 465+50N	1	37	15	80	.3	18	11	674	2.08	23	5	ND	3	16	.2	2	2	31	.17	.181	5	9	.15	99	.24	8	4.93	.03	.04	1	18
L467E 465+25N	1	43	8	74	.1	25	13	314	2.37	16	5	ND	2	16	.6	2	2	37	.15	.096	6	19	.24	98	.21	4	3.23	.02	.05	1	10
STANDARD C/AU-S	17	58	36	129	6.6	68	30	1041	3.92	36	19	6	37	47	18.3	16	21	57	.51	.085	38	53	.90	174	.08	35	1.96	.06	.13	11	52

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
L467E 465+00N	1	65	12	66	.3	28	12	243	2.10	14	5	ND	2	13	.2	2	4	33	.16	.042	6	18	.21	93	.19	2	2.84	.02	.04	1	3
L467E 464+75N	1	80	8	49	.2	30	11	190	2.27	26	5	ND	2	13	.4	2	2	37	.20	.042	8	23	.26	72	.17	2	2.90	.02	.05	1	2
L467E 464+50N	1	33	11	72	.2	17	10	701	1.79	17	5	ND	1	16	.4	2	3	27	.22	.183	5	14	.19	122	.14	2	2.21	.01	.03	1	16
L467E 464+25N	1	108	10	80	.2	43	13	541	2.54	29	5	ND	1	19	.2	2	2	40	.21	.127	7	34	.47	225	.13	2	2.98	.01	.07	1	109
L467E 464+00N	1	95	14	73	.3	33	11	595	2.16	19	5	ND	1	22	.2	2	2	36	.31	.093	11	33	.46	145	.12	2	2.18	.01	.05	1	36
L467E 463+75N	1	136	9	40	.2	47	16	306	3.12	34	5	ND	2	16	.2	2	2	52	.32	.037	10	54	.93	92	.12	2	1.84	.01	.05	1	63
L467E 463+50N	1	108	29	60	.1	38	14	490	2.70	39	5	ND	2	18	.3	2	2	41	.29	.066	11	39	.56	131	.12	2	1.88	.01	.06	1	33
L467E 463+25N	1	59	13	63	1.5	42	11	393	2.19	15	5	ND	2	15	.7	2	4	32	.19	.068	12	24	.31	141	.17	3	3.09	.02	.05	1	30
L467E 463+00N	1	33	10	90	.3	37	10	871	1.89	13	5	ND	2	22	.7	2	2	29	.21	.147	6	22	.27	256	.14	4	2.54	.02	.04	1	12
L467E 462+75N	1	32	6	74	.1	33	10	931	1.88	11	5	ND	1	16	.3	2	2	30	.19	.079	5	23	.28	167	.15	2	2.47	.02	.05	1	4
L467E 462+50N	1	39	3	56	.2	24	10	385	1.93	15	5	ND	2	18	.4	2	3	32	.19	.121	6	21	.26	125	.18	2	3.07	.02	.04	1	7
L467E 462+25N	1	43	10	59	.1	24	8	789	1.75	12	5	ND	2	18	.3	2	2	28	.18	.125	7	16	.22	191	.18	2	3.27	.02	.05	1	27
L467E 462+00N	1	36	10	66	.1	29	10	686	2.02	22	5	ND	2	18	.2	2	2	33	.17	.123	6	23	.29	138	.17	3	2.74	.01	.04	1	13
L467E 461+75N	1	50	13	70	.1	33	11	461	2.41	24	5	ND	2	14	.3	2	2	40	.18	.082	7	31	.41	130	.16	2	2.74	.01	.04	2	4
L467E 461+50N	1	48	7	50	.1	26	10	687	1.99	14	5	ND	2	13	.2	2	2	32	.14	.066	8	23	.33	134	.16	3	2.82	.01	.04	1	15
L467E 461+25N	1	64	8	48	.1	31	11	518	2.09	136	5	ND	2	19	.2	2	5	32	.21	.062	10	28	.39	154	.15	3	2.67	.01	.06	2	51
L467E 461+00N	1	28	8	47	.1	20	8	651	1.62	15	5	ND	1	9	.2	2	2	28	.11	.166	5	21	.25	100	.12	3	1.75	.02	.04	1	9
L467E 460+75N	1	68	12	52	.2	30	12	375	2.26	17	5	ND	3	17	.2	2	3	37	.20	.064	12	28	.44	124	.16	3	2.92	.01	.05	3	26
L467E 460+50N	1	62	11	43	.1	25	11	773	1.99	17	5	ND	2	15	.2	2	2	31	.16	.116	8	24	.32	186	.16	2	2.95	.01	.04	1	9
L467E 460+25N	1	42	9	44	.1	22	9	731	1.75	15	5	ND	2	12	.2	2	2	31	.13	.091	6	21	.29	139	.14	2	2.30	.01	.04	1	3
L467E 460+00N	1	105	13	50	.3	29	13	423	2.20	16	5	ND	3	18	.2	2	3	36	.17	.097	10	28	.39	118	.17	4	3.19	.01	.05	2	14
L467E 460+00NA	1	42	14	56	.1	202	20	576	2.37	44	5	ND	2	20	.2	2	2	35	.18	.095	7	56	.63	181	.13	2	2.43	.01	.05	1	20
L467E 459+50N	1	22	19	139	.1	258	15	687	2.20	111	5	ND	1	19	.2	2	3	31	.19	.038	5	74	.50	169	.12	2	1.52	.02	.05	1	43
L468E 468+50N	1	39	7	71	.3	39	11	477	1.91	25	5	ND	2	23	.2	2	2	30	.28	.153	5	20	.24	127	.17	6	3.15	.02	.04	1	25
L468E 468+25N	1	50	8	87	.4	29	11	484	2.43	13	5	ND	2	28	.2	2	2	43	.27	.145	7	21	.38	137	.16	3	2.67	.01	.06	1	5
L468E 468+00N	1	43	9	48	.1	24	9	500	1.90	15	5	ND	2	19	.2	2	2	30	.21	.085	6	21	.31	121	.16	2	2.85	.02	.06	1	5
L468E 467+75N	1	63	7	71	.2	23	11	443	2.04	19	5	ND	1	17	.2	2	4	34	.38	.056	4	20	.28	94	.16	2	2.53	.01	.06	1	1
L468E 467+50N	1	40	16	90	.2	20	11	883	2.11	20	5	ND	1	14	.2	2	2	36	.25	.097	6	19	.28	134	.15	4	2.27	.01	.05	1	5
L468E 467+25N	1	162	11	60	.5	32	11	462	2.26	19	5	ND	2	15	.3	2	2	34	.33	.053	10	18	.27	79	.17	3	2.92	.02	.04	2	8
L468E 467+00N	1	47	7	50	.2	18	11	517	1.95	14	5	ND	1	13	.2	2	4	31	.18	.082	5	15	.20	117	.15	2	2.03	.01	.05	1	34
L468E 466+75N	1	24	5	64	.1	10	6	598	1.28	21	5	ND	1	7	.2	2	2	23	.08	.097	3	9	.10	75	.11	4	1.45	.02	.03	1	2
L468E 466+50N	1	28	15	83	.1	17	8	271	1.84	39	5	ND	1	12	.2	2	2	28	.16	.092	3	13	.14	82	.17	4	3.07	.02	.03	1	5
L468E 466+25N	1	29	15	71	.1	25	9	302	1.88	45	5	ND	2	9	.2	2	2	30	.10	.050	4	14	.15	103	.19	4	3.11	.02	.03	1	10
L468E 466+00N	1	33	15	56	.1	22	9	393	1.98	13	5	ND	2	13	.2	2	2	30	.19	.074	6	18	.22	125	.17	3	3.17	.02	.05	1	15
L468E 465+75N	1	45	7	66	.1	24	10	306	2.00	18	5	ND	1	12	.2	2	2	32	.24	.091	6	24	.32	79	.12	3	1.91	.01	.04	1	16
L468E 465+50N	1	577	23	88	1.9	89	16	498	3.60	73	5	ND	3	34	.2	3	3	42	.57	.042	21	40	.47	162	.17	3	3.99	.02	.07	1	18
STANDARD C/AU-S	17	58	36	129	7.2	67	29	1046	3.78	37	19	6	36	47	16.8	15	21	57	.50	.090	38	57	.89	174	.08	34	1.89	.06	.13	11	51

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
L468E 465+25N	1	35	12	82	.4	21	9	527	1.91	13	5	ND	2	15	.4	2	2	29	.18	.075	4	14	.19	93	.19	2	3.23	.02	.04	1	5
L468E 465+00N	1	43	13	58	.3	21	12	480	1.96	16	5	ND	1	26	.2	2	2	30	.31	.152	5	18	.25	170	.16	2	2.49	.02	.06	1	1
L468E 464+75N	1	148	10	60	.4	39	15	301	2.70	30	5	ND	2	22	.2	3	2	44	.37	.049	10	38	.62	96	.13	2	1.88	.01	.06	1	1
L468E 464+50N	1	39	12	84	.3	26	12	622	2.09	19	5	ND	1	13	.6	2	2	33	.17	.122	5	21	.27	113	.16	2	2.50	.01	.05	1	7
L468E 464+25N	1	28	11	55	.1	27	10	590	2.08	16	5	ND	1	14	.3	2	2	34	.18	.160	4	19	.24	112	.18	2	2.90	.01	.05	1	8
L468E 464+00N	1	82	5	34	.3	25	4	336	1.11	5	5	ND	1	10	.2	2	3	23	.15	.036	10	14	.19	46	.09	2	1.19	.02	.03	1	1
L468E 463+75N	1	431	8	53	.2	79	30	551	4.76	31	5	ND	1	16	.2	2	3	63	.36	.038	12	111	1.61	79	.12	2	2.38	.01	.13	1	2
L468E 463+50N	1	78	11	47	.1	40	14	195	2.60	19	5	ND	2	15	.2	2	2	46	.27	.021	10	41	.64	77	.12	2	1.60	.01	.06	1	8
L468E 463+25N	1	24	12	56	.3	20	8	712	1.71	11	5	ND	1	13	.2	2	2	28	.14	.165	4	16	.18	119	.17	3	3.23	.01	.03	1	1
L468E 463+00N	1	42	9	58	.1	28	11	616	2.06	20	5	ND	1	17	.2	2	2	34	.21	.119	5	25	.33	139	.15	2	2.28	.01	.04	1	15
L468E 462+75N	1	25	5	56	.1	16	9	275	1.74	8	5	ND	1	7	.3	3	2	28	.08	.167	5	17	.19	122	.16	2	2.24	.01	.03	1	13
L468E 462+50N	1	32	9	39	.2	22	9	475	1.67	11	5	ND	1	10	.2	2	3	29	.11	.110	4	20	.26	107	.14	2	1.95	.01	.03	1	21
L468E 462+25N	1	35	9	46	.2	31	11	501	1.99	14	5	ND	2	14	.3	2	5	33	.15	.089	5	21	.27	164	.17	2	2.75	.01	.04	1	37
L468E 462+00N	1	41	5	50	.2	26	10	578	1.86	15	5	ND	2	17	.2	2	2	31	.15	.099	7	19	.25	198	.18	2	3.01	.02	.05	1	7
L468E 461+75N	1	55	8	60	.3	29	10	550	1.91	21	5	ND	1	17	.2	2	2	32	.20	.090	8	24	.33	145	.13	2	2.13	.01	.05	1	1
L468E 461+50N	1	61	14	62	.4	35	10	401	1.99	11	5	ND	2	15	.2	2	2	32	.14	.066	8	25	.33	163	.15	4	2.37	.01	.05	1	22
L468E 461+25N	1	41	9	50	.1	29	10	465	1.86	17	5	ND	2	13	.2	2	2	31	.14	.118	6	23	.30	101	.15	2	2.41	.01	.04	1	15
L468E 461+00N	1	46	8	58	.3	31	10	576	2.15	17	5	ND	2	17	.2	2	2	34	.18	.095	8	26	.35	175	.16	2	2.83	.01	.05	1	6
L468E 460+75N	1	50	18	52	.2	31	11	617	1.94	18	5	ND	1	18	.2	2	2	33	.20	.088	7	27	.35	147	.13	3	2.00	.01	.08	1	4
L468E 460+50N	1	33	12	65	.2	25	10	777	1.61	13	5	ND	2	25	.4	2	2	26	.24	.205	6	16	.19	167	.15	2	2.60	.02	.05	1	1
L468E 460+25N	1	52	13	44	.2	29	11	603	2.02	18	5	ND	2	25	.2	2	2	31	.22	.104	10	21	.31	187	.17	2	3.13	.02	.06	2	9
L468E 460+00N	1	71	12	50	.4	28	12	307	2.08	13	5	ND	3	15	.3	2	2	33	.16	.077	8	22	.33	158	.17	4	2.99	.01	.05	1	2
L468E 459+75N	1	36	7	54	.1	15	11	943	1.63	6	5	ND	1	13	.2	2	2	30	.16	.056	5	14	.22	172	.13	2	1.31	.02	.04	1	7
L468E 459+50N	1	66	9	47	.1	25	12	544	2.01	13	5	ND	1	20	.2	2	2	34	.24	.077	7	23	.35	133	.14	2	2.31	.01	.04	1	11
L469E 468+50N	1	48	11	47	.1	18	9	507	1.75	14	5	ND	1	17	.2	2	2	32	.21	.044	6	20	.28	121	.12	2	1.47	.01	.04	1	1
L469E 468+25N	1	43	8	46	.1	18	9	757	1.76	11	5	ND	1	20	.2	2	2	31	.22	.055	6	18	.30	132	.15	3	2.14	.02	.06	1	12
L469E 468+00N	1	30	11	64	.3	22	8	492	1.81	16	5	ND	1	18	.3	2	2	30	.21	.150	5	18	.26	129	.15	2	2.42	.01	.05	1	15
L469E 467+75N	1	44	10	66	.2	19	8	322	1.92	14	5	ND	1	11	.2	2	3	32	.17	.101	4	17	.24	95	.16	2	2.42	.01	.04	1	14
L469E 467+25N	1	72	13	72	.2	27	10	350	2.15	15	5	ND	2	16	.2	2	3	35	.19	.075	6	18	.29	117	.18	3	3.42	.02	.04	1	13
L469E 467+00N	1	111	8	71	.9	30	14	522	2.23	22	5	ND	1	21	.2	2	2	36	.23	.070	6	20	.33	130	.17	2	2.94	.02	.05	1	9
L469E 466+75N	1	189	11	48	.4	27	11	304	2.38	19	5	ND	2	13	.2	2	4	34	.14	.060	5	19	.26	104	.18	8	2.75	.01	.04	2	25
L469E 466+50N	1	133	8	49	.1	39	14	413	2.82	16	5	ND	2	12	.2	2	2	44	.18	.069	7	29	.47	134	.16	4	2.60	.01	.05	1	32
L469E 466+25N	1	106	8	65	.1	28	14	767	2.39	16	5	ND	1	12	.2	2	2	38	.15	.099	6	26	.41	157	.14	3	2.12	.01	.04	1	33
L469E 466+00N	1	82	17	53	.2	24	12	613	2.11	19	5	ND	2	15	.2	2	2	32	.15	.101	8	18	.28	115	.18	2	3.34	.02	.04	1	1
L469E 465+75N	1	109	14	73	.4	32	14	240	2.58	19	5	ND	2	16	.2	2	3	40	.26	.038	8	25	.37	113	.17	2	2.80	.01	.05	1	5
L469E 465+50N	1	276	17	72	.4	40	17	436	2.79	49	5	ND	1	19	.2	2	3	39	.32	.070	8	28	.45	75	.14	2	2.20	.01	.05	1	380
STANDARD C/AU-S	18	57	40	128	7.2	70	30	1051	3.74	38	17	7	37	48	17.1	15	22	56	.50	.092	37	55	.89	174	.08	32	1.85	.06	.13	11	51

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
L469E 465+25N	1	676	17	53	.6	49	23	402	3.57	33	5	ND	2	22	.2	2	7	50	.52	.051	14	44	.77	78	.11	2	1.95	.02	.06	2	66
L469E 464+75N	1	464	30	60	.8	70	18	373	3.10	33	5	ND	2	15	.2	2	2	46	.23	.074	9	43	.69	98	.13	3	2.05	.02	.05	1	2
L469E 464+50N	1	74	11	66	.4	29	11	414	2.16	19	5	ND	2	15	.4	2	3	35	.17	.074	8	23	.30	132	.18	3	3.33	.02	.05	1	10
L469E 464+25N	1	131	26	80	.3	50	13	577	2.51	50	5	ND	2	21	.8	2	3	41	.30	.101	10	36	.53	183	.15	4	2.74	.02	.08	1	3
L469E 464+00N	1	105	15	96	.8	42	14	598	2.34	18	5	ND	2	21	.2	2	2	38	.24	.145	8	28	.38	178	.16	3	3.10	.02	.07	1	28
L469E 463+75N	1	83	12	100	.3	35	10	503	2.02	16	5	ND	1	11	.2	2	2	34	.12	.096	6	23	.29	117	.15	3	2.62	.02	.05	1	5
L469E 463+50N	1	67	15	106	.3	44	12	490	2.30	16	5	ND	1	20	.2	2	2	37	.23	.081	6	27	.35	154	.17	2	3.17	.02	.06	1	26
L469E 463+25N	1	51	4	72	.1	30	10	297	2.00	26	5	ND	1	11	.2	2	2	40	.15	.063	6	30	.40	84	.12	2	1.59	.02	.05	1	9
L469E 463+00N	1	17	8	75	.1	13	7	682	1.20	4	5	ND	1	22	.5	2	2	20	.15	.194	4	11	.11	230	.11	3	1.43	.02	.03	1	1
L469E 462+75N	1	29	9	74	.6	29	9	530	1.70	16	5	ND	2	17	.4	2	2	29	.13	.155	6	16	.19	155	.16	4	2.62	.02	.04	1	5
L469E 462+50N	1	22	11	75	.4	22	9	691	1.69	12	5	ND	2	25	.2	2	2	26	.29	.210	5	13	.16	158	.17	5	2.73	.02	.05	1	2
L469E 462+25N	1	19	9	78	.1	16	9	807	1.55	10	5	ND	1	24	.2	2	2	23	.29	.203	4	15	.17	218	.13	4	1.81	.02	.06	1	7
L469E 462+00N	1	25	2	92	.2	28	12	733	1.85	12	5	ND	1	18	.3	2	2	30	.18	.159	6	21	.25	158	.14	2	1.91	.02	.05	1	1
L469E 461+75N	1	30	6	79	.2	27	11	647	1.93	9	5	ND	2	19	.2	2	2	32	.20	.100	8	26	.33	165	.13	3	1.54	.02	.05	1	1
L469E 461+25N	1	43	11	74	.4	39	11	338	1.91	15	5	ND	2	14	.4	2	2	30	.13	.156	6	17	.22	130	.18	2	3.30	.02	.05	1	3
L469E 460+75N	1	32	11	69	.3	38	9	615	1.84	13	5	ND	2	19	.2	2	2	29	.20	.157	6	20	.27	148	.15	2	2.69	.02	.05	1	47
L469E 460+50N	1	34	9	66	.1	25	9	752	1.85	16	5	ND	2	24	.6	2	2	29	.18	.129	7	18	.26	192	.16	3	3.04	.02	.05	1	10
L469E 460+25N	1	46	9	68	.2	32	11	1103	2.13	14	5	ND	2	22	.2	2	2	34	.26	.122	10	26	.37	254	.15	5	2.80	.02	.08	1	1
L469E 460+00N	1	51	12	72	.2	39	13	616	2.20	15	5	ND	3	16	.3	2	2	35	.17	.117	10	24	.35	194	.17	3	2.99	.02	.06	1	2
L469E 459+75N	1	41	10	53	.2	32	13	572	2.12	15	5	ND	2	19	.4	2	2	34	.19	.115	8	21	.28	180	.18	2	3.17	.02	.06	1	1
L469E 499+50N	1	62	9	62	.1	38	15	684	2.42	20	5	ND	2	20	.2	2	2	39	.23	.069	10	32	.44	237	.15	4	2.60	.02	.06	1	1
L470E 468+50N	1	50	14	59	.3	22	9	436	2.12	18	5	ND	3	25	.2	2	2	34	.23	.140	12	21	.33	152	.18	2	3.33	.02	.06	1	1
L470E 468+25N	1	43	11	59	.4	21	10	629	2.01	16	5	ND	2	24	.6	2	3	31	.25	.114	6	15	.23	144	.19	3	3.84	.02	.06	1	7
L470E 468+00N	1	152	15	69	1.0	28	13	578	2.40	29	5	ND	3	23	.3	2	2	35	.54	.056	21	22	.32	81	.21	2	4.02	.03	.04	2	15
L470E 467+75N	1	71	9	65	.5	17	10	355	2.01	20	5	ND	3	14	.3	2	2	32	.13	.153	8	13	.19	133	.21	3	3.99	.02	.04	1	7
L470E 467+50N	1	58	9	68	.6	23	14	1053	2.08	20	5	ND	2	18	.4	2	2	34	.16	.082	6	16	.22	171	.18	2	3.29	.02	.04	1	16
L470E 467+25N	1	104	11	48	.3	23	13	416	2.46	23	5	ND	3	18	.4	3	2	38	.20	.072	7	20	.33	156	.18	4	3.56	.02	.04	1	11
L470E 467+00N	1	147	7	57	.1	23	14	502	2.61	21	5	ND	3	17	.3	2	2	39	.20	.078	12	21	.35	148	.18	3	3.34	.02	.04	1	1
L470E 466+75N	1	319	11	47	.2	29	16	331	4.12	23	5	ND	3	10	.6	2	2	64	.15	.055	9	35	.66	89	.14	2	2.81	.01	.04	2	55
L470E 466+50N	1	140	10	50	.1	30	16	413	2.71	17	5	ND	3	13	.4	2	2	43	.17	.045	11	31	.42	103	.19	5	3.26	.02	.04	1	29
L470E 466+25N	1	156	6	51	.1	32	16	296	3.14	19	5	ND	4	14	.2	2	2	48	.19	.051	12	31	.51	76	.20	2	3.58	.01	.05	1	4
L470E 466+00N	1	103	8	59	.2	26	13	380	3.13	29	5	ND	2	12	.3	2	2	55	.15	.049	8	30	.50	78	.16	2	2.17	.01	.05	1	14
L470E 465+75N	1	182	9	75	.1	31	16	487	2.63	34	5	ND	2	17	.4	2	2	43	.21	.058	8	27	.42	111	.16	3	2.68	.02	.05	1	31
L470E 465+50N	1	104	13	74	.2	40	16	424	2.50	37	5	ND	2	16	.3	2	2	39	.23	.082	8	25	.34	108	.18	2	3.15	.02	.05	1	23
L470E 465+25N	1	53	8	60	.3	17	10	531	1.85	19	5	ND	2	14	.4	2	2	28	.14	.149	8	13	.18	114	.17	3	3.01	.02	.04	1	2
L470E 465+00N	1	142	13	57	.3	40	13	399	2.35	29	5	ND	2	17	.3	2	2	37	.28	.054	8	30	.38	100	.14	2	2.32	.02	.05	21	88
STANDARD C/AU-S	17	58	44	129	6.6	68	30	1043	3.77	40	18	7	37	48	18.1	15	19	57	.50	.090	37	57	.87	174	.08	33	1.93	.06	.13	11	50

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
L470E 464+75N	1	922	8	40	.3	39	25	400	4.59	43	5	ND	2	18	.3	2	4	55	.41	.055	17	53	.91	52	.09	2	1.66	.01	.05	1	29
L470E 464+50N	1	66	15	69	.2	25	9	322	2.09	35	5	ND	2	13	.2	2	2	33	.15	.074	5	18	.23	106	.20	3	3.07	.02	.05	1	8
L470E 464+25N	1	51	11	70	.3	23	8	588	1.85	17	5	ND	1	16	.6	2	2	32	.20	.058	5	17	.23	129	.17	3	2.45	.02	.04	1	10
L470E 464+00N	1	97	14	98	.3	40	11	689	2.44	21	5	ND	1	19	.4	2	3	37	.26	.059	6	26	.34	144	.18	4	3.44	.02	.07	1	5
L470E 463+75N	1	28	10	71	.2	24	9	400	1.77	19	5	ND	1	19	.4	2	2	30	.25	.061	5	17	.23	85	.15	3	2.07	.02	.05	1	7
L470E 463+50N	1	48	12	71	.3	27	12	576	2.18	21	5	ND	2	19	.7	2	2	35	.20	.105	8	21	.30	130	.17	2	2.94	.02	.05	1	9
L470E 463+25N	1	33	12	56	.2	28	10	346	1.97	16	5	ND	2	20	.2	2	3	31	.20	.079	6	19	.26	127	.16	4	2.73	.02	.04	1	8
L470E 463+00N	1	27	13	42	.1	26	8	398	1.89	18	5	ND	2	21	.4	2	2	28	.19	.072	5	17	.22	129	.19	2	3.59	.02	.04	2	43
L470E 462+75N	1	37	7	57	.7	33	10	727	2.00	20	5	ND	2	25	.2	2	2	31	.21	.106	6	20	.27	165	.17	3	3.44	.02	.04	1	142
L470E 462+50N	1	23	4	83	.2	23	8	688	1.62	12	5	ND	1	25	.7	2	3	25	.21	.212	6	16	.19	209	.16	2	2.64	.02	.05	1	3
L470E 462+25N	1	33	12	73	.2	31	11	455	2.09	15	5	ND	1	22	.5	2	2	33	.24	.142	6	25	.35	160	.14	2	2.42	.02	.05	1	12
L470E 462+00N	1	32	4	79	.3	33	8	441	1.84	16	5	ND	1	15	1.0	2	2	29	.17	.089	8	20	.28	147	.16	2	2.44	.02	.06	1	20
L470E 461+75N	1	29	5	72	.4	37	10	392	2.03	17	5	ND	2	20	.2	2	2	31	.23	.120	7	22	.30	189	.15	2	2.52	.02	.05	1	3
L470E 461+50N	1	40	3	67	.4	31	9	978	1.83	15	5	ND	1	28	.5	2	2	30	.24	.101	7	21	.26	209	.14	2	2.43	.02	.06	1	2
L470E 461+25N	1	69	12	51	.2	30	12	515	2.44	21	5	ND	2	27	.4	2	2	37	.27	.092	11	28	.40	185	.17	2	3.09	.02	.06	2	36
L470E 461+00N	1	50	10	63	.2	27	11	563	2.08	21	5	ND	2	24	.6	2	2	33	.27	.099	10	24	.35	178	.15	2	2.66	.02	.05	1	1
L470E 460+75N	1	36	13	52	.4	32	10	575	1.81	12	5	ND	2	20	.5	2	2	30	.19	.059	8	21	.31	162	.14	3	2.23	.02	.05	1	22
L470E 460+50N	1	38	6	58	.5	37	10	501	2.02	15	5	ND	2	28	.5	2	3	31	.29	.070	9	26	.35	180	.15	2	2.39	.02	.05	1	1
L470E 460+25N	1	68	16	54	.2	38	13	454	2.34	22	5	ND	2	20	.3	2	2	37	.27	.048	8	33	.45	119	.14	2	2.23	.01	.05	1	1
L470E 460+00N	1	50	7	49	.1	23	10	817	1.82	12	5	ND	1	21	.3	2	2	34	.25	.054	6	23	.34	131	.11	3	1.46	.01	.05	1	1290
L470E 459+75N	1	79	7	65	.1	25	15	1069	2.15	15	5	ND	1	29	.6	2	2	37	.36	.184	7	25	.40	210	.12	3	1.82	.01	.08	1	54
L470E 459+50N	1	85	6	73	.1	29	10	930	1.90	18	5	ND	2	20	.4	2	2	30	.18	.104	9	21	.30	216	.15	2	2.45	.02	.06	1	17
L471E 468+50N	1	81	5	52	.1	25	12	333	2.64	18	5	ND	2	13	.2	2	2	45	.21	.047	9	31	.52	93	.15	2	2.26	.01	.05	1	22
L471E 468+25N	1	47	8	56	.1	20	11	673	2.08	15	5	ND	1	18	.4	2	2	37	.28	.066	7	24	.42	119	.12	2	1.60	.02	.05	1	12
L471E 468+00N	1	38	8	64	.1	17	11	726	2.19	14	5	ND	1	21	.6	2	3	37	.30	.122	7	26	.40	156	.12	2	1.85	.01	.06	1	2
L471E 467+75N	1	36	11	58	.1	14	9	952	1.66	9	5	ND	1	25	.2	2	2	30	.27	.149	5	18	.30	198	.10	3	1.38	.02	.05	1	16
L471E 467+50N	1	55	7	62	.3	23	12	881	2.12	18	5	ND	2	24	.4	2	2	33	.27	.162	9	22	.33	181	.15	2	2.67	.02	.05	1	5
L471E 467+25N	1	51	8	67	.3	21	12	857	1.92	11	5	ND	1	18	.4	2	2	31	.21	.141	7	20	.26	136	.14	2	2.27	.02	.05	1	10
L471E 467+00N	1	48	9	80	.3	25	12	733	2.13	19	5	ND	1	24	.7	2	2	33	.25	.148	8	22	.30	149	.14	4	2.59	.02	.06	1	6
L471E 466+75N	1	31	6	61	.2	18	10	801	1.79	14	5	ND	1	21	.2	2	2	29	.22	.176	6	17	.24	125	.14	2	2.16	.02	.05	1	11
L471E 466+50N	1	81	7	61	.4	23	14	482	2.33	17	5	ND	3	18	.4	2	2	34	.23	.081	13	20	.30	94	.19	2	3.40	.02	.05	1	9
L471E 466+25N	1	79	25	63	.3	25	13	688	2.27	24	5	ND	2	25	.2	2	3	35	.37	.143	9	23	.35	131	.14	3	2.48	.02	.06	1	7
L471E 466+00N	1	87	66	64	.2	22	11	704	2.04	26	5	ND	2	16	.4	2	2	32	.22	.109	8	20	.28	118	.16	3	2.58	.02	.05	1	17
L471E 465+00N	1	65	10	56	.3	13	7	470	2.13	204	5	ND	1	19	.4	2	5	27	.21	.105	5	11	.16	165	.17	2	2.43	.02	.05	3	380
L471E 464+75N	3	1587	326	380	24.3	215	33	766	23.07	52128	5	13	1	73	7.9	76	59	29	.36	.048	2	138	.47	196	.02	3	1.26	.01	.05	1	18400
L471E 464+50N	1	140	30	73	1.0	36	15	741	2.69	1497	5	ND	1	25	.9	3	4	31	.32	.086	7	28	.34	126	.10	2	1.66	.02	.04	2	620
L471E 464+25N	1	194	11	49	.2	43	23	413	3.40	84	5	ND	2	19	.8	2	3	45	.42	.063	15	42	.69	74	.11	2	1.55	.01	.05	2	36
STANDARD C/AU-S	18	57	39	129	7.0	67	31	1054	3.96	40	18	6	36	48	18.2	15	21	58	.52	.090	38	55	.90	175	.08	35	1.94	.06	.13	12	47

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
L471E 464+00N	1	46	17	68	.3	28	9	637	1.94	31	5	ND	2	17	.6	2	2	30	.22	.143	4	17	.25	106	.17	5	3.25	.01	.04	1	27
L471E 463+75N	1	32	8	78	.2	24	11	1091	1.87	100	5	ND	1	23	.2	2	2	28	.16	.327	4	16	.22	215	.15	5	2.68	.01	.04	1	15
L471E 463+50N	1	18	12	51	.1	16	7	457	1.40	30	5	ND	1	24	.8	2	2	22	.23	.203	3	11	.17	141	.13	2	1.65	.02	.05	1	10
L471E 463+25N	1	37	8	53	.3	24	9	812	1.57	13	5	ND	1	23	.3	2	3	28	.19	.103	6	17	.26	174	.12	2	1.74	.01	.05	1	33
L471E 463+00N	1	52	12	50	.2	33	11	699	1.98	18	5	ND	1	19	.3	2	2	33	.19	.120	8	22	.36	148	.14	2	2.37	.01	.04	1	16
L471E 462+75N	1	36	5	54	.2	27	9	705	1.76	18	5	ND	2	17	.5	2	2	30	.19	.118	6	21	.32	154	.12	3	1.94	.01	.05	1	11
L471E 462+50N	1	37	19	58	.3	27	9	858	1.64	15	5	ND	1	23	.2	2	2	28	.26	.118	6	20	.31	185	.12	3	1.89	.01	.04	1	10
L471E 462+25N	1	35	9	66	.4	36	9	520	1.92	18	5	ND	1	23	.4	2	2	30	.25	.127	6	21	.34	184	.14	3	2.37	.01	.05	1	25
L471E 462+00N	1	36	10	64	.1	22	8	757	1.73	15	5	ND	2	13	.2	2	2	26	.12	.144	7	18	.23	164	.16	2	3.08	.01	.05	1	14
L471E 461+75N	1	30	6	61	.5	26	8	698	1.67	16	5	ND	1	22	.2	2	3	26	.21	.176	6	17	.25	165	.13	3	2.30	.01	.05	1	35
L471E 461+50N	1	47	9	63	.3	22	9	1089	1.90	45	5	ND	2	27	.2	2	2	32	.27	.105	8	18	.30	203	.15	4	2.35	.01	.06	1	47
L471E 461+25N	1	53	7	65	.3	32	10	599	1.99	18	5	ND	1	23	.2	2	2	32	.24	.083	8	25	.38	162	.13	8	2.12	.01	.07	1	41
L471E 461+00N	1	64	9	45	.1	35	12	444	2.29	17	5	ND	2	14	.2	2	2	36	.17	.045	9	31	.47	127	.14	2	2.25	.01	.05	1	42
L471E 460+75N	1	62	28	63	.2	35	12	1048	2.21	18	5	ND	1	25	.4	2	2	36	.30	.059	8	30	.46	170	.11	3	1.85	.01	.05	1	143
L471E 460+50N	1	85	12	47	.2	46	17	603	2.63	23	5	ND	1	21	.2	2	2	40	.28	.063	11	37	.61	143	.09	3	1.76	.01	.06	1	32
L471E 460+25N	1	54	12	45	.1	32	11	498	1.84	18	5	ND	1	24	.2	2	2	29	.29	.062	8	23	.36	152	.10	3	1.61	.01	.06	1	99
L471E 460+00N	1	71	13	39	.2	35	13	649	2.21	20	5	ND	1	24	.2	2	2	34	.31	.039	8	27	.45	123	.10	3	1.61	.01	.06	1	37
L471E 459+75N	1	56	16	52	.1	30	14	802	2.03	25	5	ND	1	30	.4	2	2	33	.35	.050	7	25	.40	136	.09	3	1.32	.01	.05	1	49
L471E 459+50N	1	64	5	53	.1	32	13	759	2.10	16	5	ND	1	23	.2	2	2	34	.30	.078	8	25	.38	150	.11	4	1.72	.01	.06	1	40
L472E 468+00N	1	51	10	49	.1	19	9	726	1.74	12	5	ND	2	25	.2	2	2	30	.28	.097	8	18	.29	151	.14	4	2.24	.01	.06	1	50
L472E 467+75N	1	64	10	50	.1	20	11	862	1.82	11	5	ND	1	24	.2	2	2	33	.25	.078	7	20	.36	150	.10	2	1.53	.01	.04	1	51
L472E 467+50N	1	53	9	48	.1	20	10	677	1.76	13	5	ND	1	21	.2	2	2	31	.21	.078	6	17	.29	131	.13	2	2.01	.02	.05	2	10
L472E 467+25N	1	46	7	50	.1	20	10	556	2.05	13	5	ND	1	12	.2	2	4	38	.17	.072	5	23	.38	79	.11	3	1.48	.01	.04	1	94
L472E 467+00N	1	64	7	37	.1	19	9	538	1.75	9	5	ND	1	26	.2	2	2	30	.22	.062	6	16	.30	130	.13	3	1.95	.01	.05	1	37
L472E 466+75N	1	52	7	70	.1	18	10	1175	1.69	18	5	ND	1	22	.2	2	3	28	.20	.166	7	15	.23	206	.15	4	2.25	.02	.06	1	9
L472E 466+50N	1	98	10	50	.2	27	13	535	2.35	25	5	ND	1	13	.2	2	4	39	.19	.098	7	25	.42	105	.13	3	2.30	.01	.04	1	29
L472E 464+75N	1	21	2	41	.1	15	6	203	1.08	11	5	ND	1	8	.2	2	2	23	.12	.053	2	18	.23	58	.09	3	.75	.02	.03	1	4
L472E 464+50N	1	55	7	52	.1	35	11	593	1.79	26	5	ND	1	19	.3	2	2	29	.25	.124	6	21	.31	136	.13	2	2.13	.02	.04	1	25
L472E 464+25N	1	65	8	46	.1	25	11	689	1.97	16	5	ND	1	14	.2	2	2	35	.16	.099	6	24	.40	93	.09	5	1.89	.01	.04	1	15
L472E 463+75N	1	32	7	63	.1	24	10	888	1.81	15	5	ND	1	29	.2	2	2	29	.28	.112	5	18	.30	197	.11	3	1.61	.01	.06	1	17
L472E 463+50N	1	22	8	55	.1	27	8	817	1.34	12	5	ND	1	31	.2	2	2	23	.28	.089	4	12	.20	161	.13	2	1.51	.01	.05	1	4
L472E 463+25N	1	36	10	70	.5	42	11	749	1.83	14	5	ND	1	26	.2	2	3	28	.27	.100	7	18	.25	198	.14	3	2.27	.02	.06	1	16
L472E 463+00N	1	48	7	73	.4	36	12	790	1.87	16	5	ND	1	33	.2	2	2	28	.34	.182	7	22	.33	229	.10	4	1.69	.01	.07	1	15
L472E 462+75N	1	68	10	49	.2	40	12	453	2.01	17	5	ND	1	22	.2	2	3	33	.27	.041	9	26	.44	137	.12	4	1.86	.01	.04	1	600
L472E 462+50N	1	37	2	42	.1	26	11	1159	2.05	11	5	ND	1	24	.2	2	2	37	.27	.021	8	27	.44	154	.09	4	1.28	.01	.07	1	20
L472E 462+25N	1	62	9	54	.2	37	12	522	2.02	18	5	ND	1	29	.2	2	2	33	.23	.123	9	25	.40	176	.13	2	2.24	.01	.05	1	90
STANDARD C/AU-S	18	57	38	129	7.1	69	30	1037	3.73	38	17	7	37	48	16.3	15	24	56	.49	.089	36	53	.87	174	.08	36	1.85	.06	.14	11	50

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
L472E 462+00N	1	62	13	48	.2	23	10	660	1.81	10	5	ND	2	20	.5	2	2	31	.24	.070	11	19	.31	137	.16	2	2.65	.02	.05	1	16
L472E 461+75N	1	50	7	65	.2	22	9	624	2.01	18	5	ND	2	16	.5	2	2	35	.17	.162	8	21	.33	167	.16	3	2.59	.02	.04	1	15
L472E 461+50N	1	27	3	60	.1	6	7	1467	1.02	7	5	ND	1	19	.6	2	2	23	.19	.088	3	7	.11	194	.08	2	.67	.02	.04	1	5
L472E 461+25N	1	41	10	67	.2	29	11	1017	1.83	12	5	ND	1	36	.3	2	2	30	.32	.144	9	23	.34	287	.12	2	1.90	.02	.06	1	30
L472E 461+00N	1	51	6	61	.3	43	12	566	2.05	20	5	ND	1	28	.6	2	2	33	.33	.095	7	27	.43	178	.11	2	1.55	.02	.07	1	30
L472E 460+75N	1	78	9	50	.3	47	16	391	2.57	29	5	ND	2	22	.5	2	2	40	.32	.047	11	33	.54	156	.13	2	2.05	.01	.05	1	60
L472E 460+50N	1	55	10	54	.2	49	15	593	2.39	18	5	ND	2	22	.4	2	2	37	.30	.044	11	28	.44	175	.13	4	2.00	.02	.06	2	71
L472E 460+25N	1	61	12	51	.2	47	16	743	2.30	16	5	ND	2	32	.8	2	4	36	.44	.044	10	25	.40	169	.14	4	2.07	.02	.07	1	21
L472E 460+00N	1	88	15	57	.2	43	18	691	2.74	21	5	ND	2	27	.6	2	3	44	.39	.050	12	34	.54	115	.14	3	2.17	.01	.06	1	59
L472E 459+75N	1	105	12	54	.1	35	16	464	2.64	16	5	ND	2	20	.7	2	2	43	.27	.081	13	28	.48	85	.17	3	3.04	.01	.06	1	41
L472E 459+50N	1	72	8	52	.2	30	14	802	2.25	14	5	ND	2	22	.5	2	2	38	.28	.062	9	25	.42	123	.14	3	2.11	.01	.05	1	25
L473E 468+25N	1	38	6	54	.2	17	11	1043	1.73	13	5	ND	1	24	.5	2	2	33	.34	.115	6	19	.34	242	.11	2	1.45	.02	.07	1	24
L473E 468+00N	1	41	12	53	.1	18	10	976	1.88	12	5	ND	2	24	.7	2	3	33	.37	.088	8	17	.29	205	.15	4	2.25	.02	.07	2	89
L473E 467+75N	1	90	11	65	.2	25	14	556	2.48	17	5	ND	4	21	.5	2	3	42	.29	.083	12	22	.43	150	.17	3	2.98	.02	.06	1	23
L473E 467+50N	1	64	6	51	.1	19	10	664	1.88	11	5	ND	1	17	.5	2	3	36	.25	.046	7	18	.33	148	.14	2	1.85	.02	.06	1	16
L473E 467+25N	1	105	9	53	.1	25	14	712	2.54	15	5	ND	1	17	.5	2	2	44	.23	.084	11	24	.48	107	.15	2	2.66	.01	.05	2	24
L473E 467+00N	1	101	13	54	.1	25	16	814	2.44	14	5	ND	1	27	.5	2	2	42	.40	.045	10	26	.46	130	.15	2	2.48	.01	.07	1	41
L473E 466+25N	1	128	9	67	.3	31	20	581	3.06	26	5	ND	1	13	.5	2	2	48	.22	.177	12	33	.55	58	.10	3	3.84	.01	.05	1	35
L473E 466+00N	1	84	15	60	.1	26	18	850	2.71	17	5	ND	1	22	.5	2	5	46	.32	.075	10	25	.46	140	.17	4	2.61	.01	.08	1	57
L473E 465+25N	1	69	9	62	.1	45	15	640	2.50	32	5	ND	1	18	.3	2	2	36	.23	.118	7	32	.42	199	.14	2	2.35	.02	.06	1	450
L473E 464+75N	1	60	11	64	.2	35	15	786	2.31	24	5	ND	2	22	.3	2	2	36	.27	.188	7	27	.37	208	.14	2	2.50	.02	.06	1	68
L473E 464+50N	1	64	6	57	.1	25	13	650	2.04	17	5	ND	1	21	.5	2	2	33	.26	.116	7	21	.34	173	.13	2	2.06	.02	.05	1	30
L473E 464+25N	1	98	8	54	.2	34	17	734	2.60	23	5	ND	2	28	.2	2	3	40	.33	.095	11	28	.46	187	.17	3	2.83	.02	.07	1	380
L473E 464+00N	1	76	8	62	.1	26	14	828	2.11	24	5	ND	2	26	.7	2	2	33	.31	.125	10	23	.39	201	.13	4	2.37	.02	.07	1	30
L473E 463+75N	1	55	10	78	.1	27	12	716	1.91	19	5	ND	1	44	.3	2	2	31	.46	.144	9	23	.37	238	.12	4	1.93	.02	.07	1	47
L473E 463+50N	1	68	10	53	.1	25	15	817	2.14	27	5	ND	1	31	.7	2	2	41	.36	.085	6	23	.39	160	.12	2	1.65	.02	.06	1	22
L473E 463+25N	1	67	27	75	.1	26	15	1170	2.00	24	5	ND	1	24	1.0	2	3	40	.28	.111	6	25	.41	148	.10	3	1.55	.02	.05	1	22
L473E 463+00N	1	52	11	69	.2	31	14	976	1.99	17	5	ND	1	32	.6	2	2	34	.41	.154	6	27	.40	156	.10	2	1.53	.02	.06	1	22
L473E 462+75N	1	58	9	53	.1	38	12	801	1.86	22	5	ND	1	23	.6	2	2	33	.29	.087	6	24	.36	156	.10	2	1.29	.02	.05	1	97
L473E 462+50N	1	46	8	58	.2	32	11	759	1.92	14	5	ND	1	35	.5	2	2	32	.33	.092	9	21	.31	195	.14	2	2.14	.02	.07	1	20
L473E 462+25N	1	58	9	56	.2	32	11	778	1.95	20	5	ND	1	26	.6	3	3	32	.30	.130	10	21	.34	169	.14	2	2.45	.02	.07	1	16
L473E 462+00N	1	105	15	57	.3	92	18	603	2.72	33	5	ND	2	20	.6	2	2	41	.28	.092	11	46	.65	173	.15	2	2.59	.01	.06	1	85
L473E 461+75N	1	57	31	63	.2	35	12	831	2.02	22	5	ND	1	32	1.0	3	2	33	.37	.109	8	26	.40	202	.11	3	1.82	.02	.06	1	15
L473E 461+50N	1	51	8	65	.2	30	12	757	1.92	19	5	ND	1	28	.6	2	2	32	.26	.135	9	26	.36	173	.12	2	1.96	.02	.06	1	43
L473E 461+00N	1	55	12	49	.1	33	12	668	2.14	23	5	ND	1	16	.7	2	2	36	.25	.069	8	28	.43	135	.13	2	1.95	.01	.06	1	79
L473E 460+75N	1	64	7	63	.2	33	14	631	2.26	22	5	ND	1	20	.8	2	2	39	.30	.077	8	29	.45	118	.13	2	2.03	.01	.05	1	68
STANDARD C/AU-S	18	58	37	129	6.7	67	30	1046	3.81	37	17	7	37	48	18.3	16	23	57	.51	.088	37	55	.88	174	.08	34	1.91	.06	.13	12	50

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
L473E 460+50N	1	56	10	56	.1	29	13	1052	2.18	14	5	ND	1	25	.2	2	2	40	.32	.063	7	23	.40	132	.14	3	1.90	.02	.07	1	410
L473E 460+25N	1	77	13	49	.1	35	15	827	2.42	18	5	ND	2	18	.2	2	5	42	.25	.052	8	31	.49	102	.14	2	1.98	.02	.05	2	1020
L474E 468+50N	1	99	14	67	.2	31	16	1088	2.62	26	5	ND	1	28	.5	2	5	44	.47	.077	13	34	.57	139	.12	2	2.26	.01	.08	1	56
L474E 468+25N	1	39	12	43	.1	17	9	981	1.61	11	5	ND	1	21	.2	2	2	29	.19	.082	8	17	.25	189	.14	2	1.95	.03	.07	1	26
L474E 468+00N	1	102	10	50	.1	30	14	451	2.71	18	5	ND	3	12	.3	2	3	45	.17	.039	11	32	.50	95	.17	4	2.70	.01	.04	3	64
L474E 467+75N	1	101	8	57	.1	26	14	578	2.50	18	5	ND	1	11	.2	2	5	43	.18	.074	12	27	.48	80	.15	13	2.59	.01	.05	1	72
L474E 467+50N	1	105	7	53	.1	25	14	702	2.30	25	5	ND	1	23	.5	2	4	40	.40	.053	10	28	.51	102	.12	3	1.95	.02	.05	1	40
L474E 467+00N	1	76	11	70	.1	22	16	1251	1.73	18	5	ND	1	23	.9	2	2	34	.43	.068	7	24	.37	149	.08	2	1.34	.02	.06	1	30
L474E 466+75N	1	96	2	66	.1	27	14	780	2.36	21	5	ND	1	31	.4	2	2	42	.41	.068	12	30	.50	165	.13	2	2.11	.02	.07	1	3
L474E 466+00N	1	92	10	52	.1	28	17	621	2.53	534	5	ND	2	22	.3	2	4	40	.26	.042	9	28	.43	141	.14	4	2.46	.02	.06	1	124
L474E 465+75N	1	38	11	63	.1	14	9	952	1.58	25	5	ND	1	25	.4	2	2	31	.26	.056	5	14	.23	175	.12	2	1.48	.02	.04	1	5
L474E 465+50N	1	92	5	57	.2	29	14	518	2.28	63	5	ND	2	15	.2	2	3	36	.26	.063	14	25	.39	64	.16	3	2.86	.02	.05	1	41
L474E 465+25N	1	97	12	54	.1	51	14	427	2.64	41	5	ND	3	16	.2	2	3	39	.17	.070	9	32	.44	137	.19	4	3.18	.02	.06	2	28
L474E 465+00N	1	48	5	51	.2	26	11	606	1.78	13	5	ND	1	15	.2	2	2	32	.19	.041	5	26	.35	116	.12	4	1.57	.03	.04	1	53
L474E 464+75N	1	105	11	50	.2	36	16	466	2.73	21	5	ND	2	20	.2	2	2	42	.26	.081	10	35	.55	113	.16	2	2.74	.02	.05	1	36
L474E 464+50N	1	87	18	72	.1	45	15	600	2.56	88	5	ND	1	14	.3	2	3	37	.23	.085	6	36	.44	121	.15	4	2.19	.02	.05	1	160
L474E 464+25N	1	221	5	46	.2	70	24	383	3.96	102	5	ND	2	18	.2	2	3	57	.38	.053	13	59	.97	79	.12	2	1.86	.02	.08	2	122
L474E 464+00N	1	53	7	68	.2	23	12	740	1.98	22	5	ND	3	22	.3	2	2	34	.30	.124	7	21	.33	150	.14	3	2.29	.02	.05	1	48
L474E 463+75N	1	75	10	43	.2	28	12	654	2.15	17	5	ND	1	19	.2	2	3	36	.25	.051	9	26	.40	151	.16	2	2.62	.02	.06	1	73
L474E 463+25N	1	65	9	75	.2	28	9	700	1.70	15	5	ND	1	22	.2	2	4	28	.23	.166	7	20	.30	213	.12	2	1.75	.03	.06	1	26
L474E 463+00N	1	52	9	70	.3	39	11	527	1.92	23	5	ND	1	19	.2	2	3	31	.23	.089	9	24	.33	162	.14	2	1.99	.02	.06	1	19
L474E 462+75N	1	44	6	45	.1	36	10	565	1.89	16	5	ND	2	22	.3	3	2	31	.23	.070	8	25	.32	164	.14	2	2.03	.03	.07	1	43
L474E 462+50N	1	38	8	56	.2	24	10	935	1.60	15	5	ND	1	21	.4	2	3	28	.25	.058	5	21	.29	143	.10	5	1.16	.02	.06	1	16
L474E 462+25N	1	54	8	67	.2	30	11	698	1.78	13	5	ND	1	22	.3	2	2	27	.28	.115	9	23	.31	154	.12	3	1.78	.03	.07	1	20
L474E 462+00N	1	38	6	51	.2	25	11	811	1.71	21	5	ND	1	24	.3	2	3	27	.30	.121	7	19	.26	192	.12	3	1.74	.03	.06	1	10
L474E 461+75N	1	43	8	55	.3	28	13	593	2.10	21	5	ND	2	27	.3	2	4	31	.26	.140	9	23	.33	168	.14	3	2.26	.02	.05	1	6
L474E 461+50N	1	74	8	58	.2	37	13	611	2.24	24	5	ND	2	29	.2	2	2	35	.30	.111	11	27	.40	171	.14	3	2.10	.02	.06	1	15
L474E 461+25N	1	37	6	62	.4	32	12	799	1.93	17	5	ND	1	32	.3	2	2	31	.31	.095	8	22	.30	208	.13	4	1.82	.02	.07	1	17
L474E 461+00N	1	44	10	56	.2	36	14	653	2.25	14	5	ND	1	26	.2	3	3	37	.30	.072	7	27	.44	152	.12	3	1.84	.02	.06	1	10
L474E 460+75N	1	73	2	50	.2	42	17	907	2.39	16	5	ND	1	24	.3	2	2	41	.30	.033	9	32	.52	149	.11	2	1.69	.02	.07	1	1
L474E 460+50N	1	58	11	82	.1	91	14	715	2.15	13	5	ND	2	20	.6	2	3	39	.29	.036	8	41	.55	154	.13	4	1.80	.02	.09	1	14
L474E 460+25N	1	52	26	106	.2	59	12	687	1.91	11	5	ND	1	20	.6	2	3	40	.31	.034	4	36	.49	83	.12	3	1.57	.02	.07	1	1
L474E 460+00N	1	90	5	74	.1	40	13	674	2.41	9	5	ND	1	30	.4	2	2	50	.36	.039	7	27	.49	130	.15	3	2.49	.02	.07	1	6
L474E 459+75N	1	24	7	52	.1	107	11	657	1.88	27	5	ND	2	21	.2	3	2	26	.16	.244	4	25	.27	282	.17	5	3.10	.02	.07	1	86
L474E 459+50N	1	28	7	67	.2	82	12	274	2.22	24	5	ND	2	19	.2	2	2	33	.19	.155	6	30	.37	174	.19	3	3.20	.02	.05	1	9
STANDARD C/AU-S	18	58	35	129	6.7	67	30	1059	3.81	38	17	7	37	48	17.3	16	23	58	.49	.091	39	55	.88	175	.08	35	1.88	.06	.13	11	53

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
L475E 468+50N	1	49	10	65	.2	20	8	853	1.68	20	5	ND	2	27	.2	2	2	28	.32	.147	6	19	.29	217	.14	4	2.08	.02	.05	2	51
L475E 468+25N	1	47	10	49	.2	20	9	750	2.04	15	5	ND	4	27	.2	2	2	33	.30	.079	10	21	.34	182	.18	3	2.80	.02	.05	1	15
L475E 468+00N	1	46	10	48	.2	22	11	983	2.19	14	5	ND	2	17	.3	4	2	38	.25	.041	8	27	.40	169	.17	3	2.27	.01	.05	1	14
L475E 467+75N	1	66	7	40	.2	19	10	678	2.04	13	5	ND	2	16	.2	4	2	39	.23	.050	8	23	.35	124	.17	2	2.33	.01	.04	1	18
L475E 467+00N	1	60	11	43	.2	21	12	708	1.86	20	5	ND	1	20	.2	2	2	33	.31	.068	9	20	.34	163	.13	2	1.71	.02	.06	1	77
L475E 466+75N	1	60	9	65	.2	29	14	852	2.21	21	5	ND	2	25	.3	2	2	35	.44	.069	8	29	.43	205	.13	3	1.85	.01	.09	1	21
L475E 466+50N	1	119	5	66	.1	29	12	496	2.18	22	5	ND	3	32	.2	2	3	35	.41	.099	11	26	.43	165	.15	3	2.24	.02	.10	1	20
L475E 466+25N	1	88	15	51	.2	21	12	649	2.11	84	5	ND	2	21	.2	2	5	34	.40	.050	12	23	.34	123	.19	5	2.93	.02	.05	3	14
L475E 466+00N	1	74	13	37	.2	19	11	520	1.85	49	5	ND	1	22	.3	2	2	32	.45	.034	7	21	.32	119	.13	2	1.89	.02	.05	2	24
L475E 465+75N	1	88	14	63	.3	83	15	361	2.15	49	5	ND	1	28	.4	2	2	33	.51	.092	7	40	.57	94	.12	8	1.69	.02	.05	1	173
L475E 465+50N	1	107	10	59	.2	38	15	681	2.38	38	5	ND	2	18	.3	2	2	36	.36	.065	9	26	.40	95	.14	4	2.17	.02	.04	2	54
L475E 465+25N	1	86	11	49	.2	40	15	539	2.48	21	5	ND	2	16	.2	2	2	40	.23	.055	8	39	.55	123	.17	2	2.71	.01	.05	1	76
L475E 465+00N	1	94	16	66	.2	24	14	929	1.99	64	5	ND	1	24	.2	2	2	32	.37	.083	8	22	.36	153	.13	3	2.04	.01	.06	1	55
L475E 464+75N	1	146	8	75	.3	61	14	634	2.17	72	5	ND	2	22	.2	3	2	32	.43	.055	13	28	.40	90	.15	3	2.29	.02	.06	1	14
L475E 464+50N	1	188	10	41	.2	50	22	326	3.46	53	5	ND	3	14	.2	2	2	53	.22	.058	11	53	.86	72	.14	2	2.36	.01	.04	1	70
L475E 464+25N	1	50	11	54	.2	20	11	924	2.03	18	5	ND	1	17	.4	2	2	37	.22	.078	5	24	.37	132	.13	2	1.61	.01	.04	4	187
L475E 464+00N	1	36	13	34	.1	11	8	740	1.30	12	5	ND	1	18	.2	2	2	27	.19	.030	4	14	.20	82	.10	2	.91	.02	.03	1	68
L475E 463+75N	1	94	8	53	.1	30	17	1039	2.43	22	5	ND	1	31	.2	2	2	41	.35	.052	9	32	.48	177	.16	3	2.37	.02	.05	3	25
L475E 463+50N	1	107	11	57	.3	37	17	586	2.52	26	5	ND	2	23	.2	2	3	40	.33	.067	10	32	.51	140	.14	3	2.22	.01	.05	1	63
L475E 463+25N	1	27	13	79	.2	47	13	834	2.17	20	5	ND	1	23	.2	2	2	32	.33	.179	6	30	.34	262	.13	2	2.03	.02	.06	1	14
L475E 463+00N	1	33	10	89	.3	37	12	616	2.11	19	5	ND	1	24	.2	2	2	31	.32	.232	6	25	.34	191	.13	3	1.98	.01	.05	2	45
L475E 462+75N	1	120	23	33	.5	56	10	512	1.83	54	5	ND	1	22	.2	2	2	32	.70	.031	15	31	.34	78	.14	3	2.01	.02	.05	1	22
L475E 462+50N	1	56	15	90	.2	50	13	783	2.22	24	5	ND	2	23	.6	2	2	33	.33	.165	10	31	.39	258	.15	3	2.18	.02	.06	1	40
L475E 462+25N	1	35	15	97	.2	59	12	719	1.99	25	5	ND	1	31	.2	2	2	31	.28	.184	6	24	.33	235	.13	2	1.79	.01	.05	1	21
L475E 462+00N	1	33	13	72	.2	41	12	731	1.95	29	5	ND	2	20	.2	2	3	30	.21	.130	7	20	.26	166	.17	5	2.62	.02	.06	1	45
L475E 461+75N	1	73	12	61	.3	37	12	734	1.96	22	5	ND	1	28	.2	2	2	31	.31	.122	8	25	.35	191	.13	4	1.80	.02	.05	1	45
L475E 461+50N	1	35	8	71	.2	46	11	900	1.56	13	5	ND	1	31	.2	2	3	25	.30	.114	7	21	.29	237	.11	5	1.48	.02	.07	1	10
L475E 461+25N	1	45	9	61	.2	72	15	397	2.23	20	5	ND	1	19	.2	2	2	35	.28	.066	9	37	.54	148	.13	2	1.89	.01	.06	1	34
L475E 461+00N	1	35	12	61	.2	88	16	423	2.43	15	5	ND	1	20	.3	2	2	35	.28	.087	6	48	.63	164	.12	2	1.78	.01	.06	1	43
L475E 460+75N	1	48	11	69	.2	97	17	634	2.42	14	5	ND	1	29	.4	4	2	36	.38	.062	9	56	.71	161	.11	2	1.62	.01	.06	1	79
L475E 460+25N	1	40	7	56	.1	76	14	546	2.07	16	5	ND	1	21	.2	2	2	31	.27	.068	7	37	.51	141	.11	2	1.54	.02	.05	1	27
L475E 460+00N	1	35	12	65	.2	76	13	788	2.00	23	5	ND	2	26	.4	2	2	32	.34	.065	7	38	.45	158	.14	2	1.91	.02	.06	1	19
L475E 459+75N	1	37	16	66	.3	122	15	670	1.90	33	5	ND	1	17	.7	2	2	29	.25	.113	6	49	.45	149	.13	3	1.87	.02	.07	1	29
L475E 459+50N	1	28	20	100	.2	256	21	628	2.41	47	5	ND	1	17	.4	2	3	36	.22	.066	5	81	.61	178	.12	3	1.64	.02	.05	1	4
L476E 468+25N	1	20	7	37	.1	11	5	1427	.87	5	5	ND	1	18	.4	2	2	20	.27	.061	3	9	.12	191	.07	3	.61	.02	.04	1	2
L476E 468+00N	1	80	19	62	.3	27	14	979	2.31	23	5	ND	1	26	.2	2	2	45	.42	.081	11	31	.52	122	.12	4	1.88	.01	.06	1	30
L476E 467+75N	1	39	30	67	.1	10	8	1255	1.45	19	5	ND	1	19	.8	2	2	33	.28	.121	7	13	.24	116	.09	2	1.35	.01	.04	1	23
STANDARD C/AU-S	17	58	39	129	6.7	66	30	1053	3.83	36	16	7	37	48	18.0	15	24	57	.49	.089	38	57	.88	175	.08	32	1.81	.06	.13	12	52

Attwood Gold Corp. PROJECT GOLDEN CROWN FILE # 90-1341

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
L476E 467+25N	1	102	9	49	.1	27	15	818	2.49	25	5	ND	1	18	.5	2	2	45	.31	.050	10	29	.55	113	.13	2	2.14	.01	.06	1	4
L476E 467+00N	1	95	14	57	.1	22	14	829	2.17	32	5	ND	1	27	.7	2	2	38	.38	.069	12	23	.39	144	.14	2	2.26	.01	.05	1	62
L476E 466+75N	1	108	11	55	.2	24	14	760	2.25	23	5	ND	1	21	.4	2	2	40	.34	.054	9	27	.48	127	.11	2	1.80	.01	.05	1	39
L476E 466+50N	1	82	8	60	.2	19	10	659	1.56	30	5	ND	1	15	.5	2	2	25	.47	.067	8	16	.27	72	.11	4	1.58	.02	.05	1	39
L476E 466+25N	1	86	6	47	.1	10	10	975	1.33	17	5	ND	1	20	.5	2	2	27	.28	.053	4	11	.19	120	.08	2	.99	.02	.04	1	11
L476E 466+00N	1	50	22	92	.2	11	17	1903	1.50	20	5	ND	1	41	.4	2	2	29	.48	.071	4	13	.18	260	.09	3	1.01	.02	.07	1	12
L476E 465+75N	1	169	7	44	.3	32	18	531	2.76	65	5	ND	2	23	.4	2	2	41	.37	.058	13	32	.52	106	.14	2	2.44	.02	.05	2	23
L476E 465+50N	1	37	10	62	.1	18	7	800	1.45	21	5	ND	1	42	.6	2	2	21	.45	.162	6	13	.17	179	.15	3	2.32	.02	.06	1	27
L476E 465+25N	1	49	6	59	.1	26	12	900	1.92	35	5	ND	1	24	.7	2	2	34	.32	.111	5	25	.39	117	.11	2	1.42	.02	.05	1	21
L476E 465+00N	1	128	15	51	.2	45	18	418	3.07	26	5	ND	3	16	.5	2	2	47	.22	.067	11	43	.64	77	.18	2	3.25	.01	.05	1	62
L476E 464+75N	1	87	11	53	.2	31	17	770	2.26	17	5	ND	1	19	.5	2	2	39	.28	.038	6	30	.49	95	.10	5	1.65	.02	.05	1	41
L476E 464+50N	1	67	10	48	.2	35	13	531	2.04	32	5	ND	1	27	.2	2	2	30	.29	.098	6	30	.40	141	.10	2	1.66	.02	.06	2	2
L476E 464+25N	1	50	4	35	.1	23	10	482	1.64	31	5	ND	1	15	.3	2	3	29	.15	.048	5	21	.31	100	.11	2	1.42	.02	.04	1	1
L476E 464+00N	1	65	11	46	.1	21	16	1086	1.92	22	5	ND	1	23	.2	2	2	37	.28	.039	5	24	.37	113	.12	3	1.49	.02	.03	1	12
L476E 463+75N	1	71	16	48	.1	34	14	764	2.34	24	5	ND	1	23	.2	2	2	40	.30	.042	8	32	.50	109	.13	3	2.04	.01	.05	1	9
L476E 463+50N	1	92	2	59	.1	43	16	528	2.72	25	5	ND	2	23	.2	2	2	53	.30	.097	8	42	.75	107	.14	4	2.48	.02	.08	1	3
L476E 463+25N	1	107	7	42	.2	51	17	303	2.93	34	5	ND	2	15	.2	2	2	46	.41	.038	12	46	.73	73	.12	3	1.39	.02	.08	1	8
L476E 463+00N	1	30	8	64	.1	36	11	385	2.03	25	5	ND	2	14	.2	2	2	31	.25	.163	5	25	.32	100	.13	2	1.83	.02	.05	1	29
L476E 462+75N	1	26	10	53	.1	112	12	799	1.77	15	5	ND	1	21	.2	2	2	28	.28	.138	6	26	.31	194	.14	4	2.01	.02	.05	1	4
L476E 462+50N	1	36	6	41	.1	39	9	406	1.63	17	5	ND	1	16	.3	2	2	28	.22	.101	6	20	.29	161	.13	2	1.91	.02	.04	1	1
L476E 462+25N	1	52	7	50	.3	59	12	504	2.09	16	5	ND	2	20	.6	2	2	33	.22	.064	9	28	.41	159	.15	2	2.24	.01	.05	2	22
L476E 462+00N	1	47	6	41	.1	73	13	609	2.01	20	5	ND	2	22	.4	2	3	31	.25	.076	8	37	.46	153	.14	3	2.17	.02	.05	2	1
L476E 461+75N	1	50	4	45	.1	87	14	659	2.05	19	5	ND	1	21	.5	2	2	32	.27	.044	8	43	.56	144	.13	2	1.93	.02	.06	1	12
L476E 461+50N	1	40	16	57	.1	97	15	609	2.09	24	5	ND	1	15	.4	2	3	32	.22	.085	6	48	.61	141	.10	4	1.63	.01	.08	1	65
L476E 461+25N	1	33	15	63	.1	70	13	439	1.88	27	5	ND	1	15	.3	2	2	29	.20	.068	5	37	.46	116	.10	4	1.32	.02	.05	1	22
L476E 461+00N	1	56	19	85	.2	137	13	560	2.10	22	5	ND	2	25	.6	2	2	31	.33	.078	7	47	.52	143	.13	13	2.10	.02	.06	1	11
L476E 460+75N	1	56	109	192	.2	255	21	420	2.98	31	5	ND	2	21	1.1	2	2	40	.21	.045	11	79	.71	108	.17	4	2.87	.02	.04	1	1
L476E 460+50N	1	42	44	183	.2	344	28	600	2.93	39	5	ND	1	13	.7	2	2	37	.13	.088	7	94	.64	167	.13	5	2.10	.01	.04	1	10
L476E 460+25N	1	35	19	68	.1	159	19	553	2.41	26	5	ND	1	13	.5	2	2	37	.14	.055	6	58	.62	153	.13	2	2.02	.01	.04	1	2
L476E 459+75N	1	56	8	77	.1	386	20	273	2.73	79	5	ND	2	15	.2	2	2	39	.18	.040	8	65	.81	100	.16	3	2.49	.01	.04	1	35
L477E 468+50N	1	49	11	46	.1	21	9	732	1.97	16	5	ND	1	15	.2	2	2	46	.21	.076	6	15	.28	59	.13	2	1.74	.02	.05	1	1
L477E 468+25N	1	74	14	89	.1	19	14	1177	2.78	18	5	ND	1	19	.2	2	2	56	.27	.169	10	19	.45	100	.18	2	3.00	.01	.07	1	1
L477E 468+00N	1	52	7	42	.1	8	6	866	1.15	8	5	ND	1	27	.4	2	2	30	.44	.083	4	7	.19	109	.08	3	.90	.02	.05	1	3
L477E 467+75N	1	70	43	95	.2	24	10	938	1.72	26	5	ND	1	31	.9	3	3	32	.46	.042	9	22	.32	156	.12	3	1.50	.02	.05	1	5
L477E 467+50N	1	77	12	72	.1	29	14	914	2.59	27	5	ND	1	24	.5	2	2	47	.42	.086	12	31	.54	128	.12	3	2.06	.01	.07	1	2
L477E 467+25N	1	96	16	79	.1	47	17	716	2.90	31	5	ND	3	28	.5	2	2	48	.32	.057	15	40	.57	171	.16	4	2.54	.01	.08	1	25
STANDARD C/AU-S	18	57	39	129	7.1	68	29	1027	3.78	37	19	6	36	47	17.3	16	20	56	.49	.087	37	56	.88	174	.08	34	1.87	.06	.14	13	51

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
L477E 467+00N	1	37	5	50	.1	26	8	416	1.65	20	5	ND	2	24	.2	2	2	26	.32	.057	8	17	.27	132	.09	3	1.49	.02	.06	1	22
L477E 466+75N	1	30	3	55	.1	21	8	660	1.77	33	5	ND	1	22	.2	2	2	27	.27	.115	7	16	.24	124	.11	2	1.99	.03	.05	1	21
L477E 466+50N	1	71	8	83	.2	30	14	828	2.64	62	5	ND	3	27	.2	2	2	36	.41	.171	11	27	.40	207	.13	5	2.64	.02	.07	1	92
L477E 466+25N	1	109	9	70	.3	25	13	603	2.35	56	5	ND	3	23	.2	2	2	32	.51	.083	12	22	.34	106	.13	5	2.75	.03	.07	1	36
L477E 466+00N	1	215	8	54	.5	333	33	614	3.94	182	5	ND	3	28	.2	2	2	42	.74	.047	16	210	.83	59	.11	5	2.34	.03	.05	1	159
L477E 465+00N	1	86	14	65	.2	48	19	717	3.01	34	5	ND	3	20	.2	2	2	45	.33	.103	7	47	.66	116	.12	5	2.22	.02	.06	1	38
L477E 464+75N	1	148	7	48	.1	194	27	355	4.24	84	5	ND	4	19	.2	2	2	53	.36	.041	14	133	2.00	60	.10	8	1.65	.01	.06	2	380
L477E 464+50N	1	81	7	69	.3	55	19	447	2.93	61	5	ND	3	32	.2	2	2	39	.37	.141	12	35	.51	139	.12	4	2.40	.02	.06	1	57
L477E 464+25N	1	65	7	63	.1	43	15	602	2.43	34	5	ND	2	49	.2	2	2	33	.43	.101	9	30	.46	174	.10	4	1.73	.02	.07	2	82
L477E 464+00N	1	47	6	44	.1	46	13	452	2.22	29	5	ND	2	24	.2	2	2	31	.25	.110	8	26	.39	128	.11	3	2.15	.03	.06	2	123
L477E 463+75N	1	57	7	58	.3	127	16	401	2.31	17	5	ND	2	19	.2	2	2	31	.30	.038	8	60	.73	89	.11	5	1.94	.02	.06	1	78
L477E 463+50N	1	22	7	69	.1	230	26	757	3.13	93	5	ND	2	22	.2	2	2	31	.38	.120	5	102	.53	142	.11	4	1.89	.03	.06	1	50
L477E 463+25N	1	32	7	48	.1	130	17	486	2.19	23	5	ND	2	17	.2	2	2	30	.24	.072	5	46	.55	139	.09	4	1.46	.02	.05	1	67
L477E 463+00N	1	53	13	55	.2	114	19	379	2.86	26	5	ND	4	20	.2	3	2	42	.27	.083	12	43	.60	102	.18	5	3.45	.03	.06	1	41
L479E 467+50N	1	65	10	74	.1	29	13	613	2.72	24	5	ND	3	22	.2	2	2	40	.24	.119	6	22	.38	130	.15	4	3.52	.03	.05	1	21
L479E 461+50N	1	19	7	73	.3	23	10	494	1.74	15	5	ND	2	24	.2	2	2	24	.20	.216	5	13	.15	172	.14	4	2.88	.03	.05	1	9
L479E 461+00N	1	33	10	70	.4	40	10	360	2.02	8	5	ND	3	23	.2	2	2	30	.22	.147	7	18	.24	205	.15	2	3.27	.03	.05	1	12
STANDARD C/AU-S	19	61	39	132	7.1	72	31	1048	4.13	43	20	7	39	53	18.0	15	19	57	.53	.094	39	60	.95	182	.09	38	2.03	.06	.14	11	54

COST STATEMENT FOR ASSESSMENT WORK CREDIT

CONTRACT SERVICES:

Soil Sampling:	Sonny Yip (12 days) May 7 - May 18		$ 1,094.02
Field Supervision:	WR Geological Ltd. (3 days at $150.00/day)		450.00
Geochemical Analysis:	Acme Analytical Lab. Ltd. (698 Samples-30 element ICP Analysis 698 Geochem Au Analysis by Acid/each 10 grams)		6,004.95
Field Expense:	Room & Board		
	Room 11 days at $22.68/day	249.48	
	Meals May 7 - May 18	286.51	
	Supplies: soil bags, mattocks, and other stationaries	699.98	1,235.97
Drafting:	Geo-Comp Systems (12 hours at $40.00/hour)		480.00
Report Preparation:	Fordex Management Inc. (3 days at $300.00/day)		900.00
			$10,164.94

ATTWOOD GOLD CORP.

GOLDEN CROWN PROPERTY

GEOCHEMICAL SURVEY
Au (ppb)

SCALE:	DATE:	N.T.S.	DRAWN BY	FIGURE: 8
1:2500	June '90	92E/2	GEO-COMP	

GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,431
PART 2 OF 3
ATTWOOD GOLD CORP.
GOLDEN CROWN PROPERTY
GEOCHEMICAL SURVEY
Cu (ppm)
SCALE: 1:2500
DATE: June '90
N.T.S. 92E/2
DRAWN BY GEO-COMP
FIGURE: 7
Cu·9 RESPONSE
metres
Cu·1
Cu·2
Cu·3
Cu·4
Cu·5A
Cu·5B
Cu·6A
Cu·6B
Cu·6C
Cu·7
Cu·7B
Cu·8
Cu·9
CONTAMINATION
BL 46600 N
TL 46000N
T.N.
G.N.


GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,431
PART 2 OF 3
As-1
As-2
As-3 RESPONSE
0 50 100 150 200
metres
ATTWOOD GOLD CORP.
GOLDEN CROWN PROPERTY
GEOCHEMICAL SURVEY
As (ppm)
SCALE: 1:2500
DATE: June '90
N.T.S. 92E/2
DRAWN BY GEO-COMP
FIGURE: 6

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,431

PART 2 OF 3

ATTWOOD GOLD CORP.

GOLDEN CROWN PROPERTY

GEOCHEMICAL SURVEY
As (ppm)

SCALE:	DATE:	N.T.S.	DRAWN BY	FIGURE: 5
1:2500	June '90	92E/2	GEO-COMP	

ATTWOOD GOLD CORP.
GOLDEN CROWN PROPERTY
GEOCHEMICAL SURVEY
Cu (ppm)
SCALE: 1:2500
DATE: June '90
N.T.S. 92E/2
DRAWN BY GEO-COMP
FIGURE: 4
0 50 100 150 200
metres
GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,431
PART 2 OF 3
G.N.
T.N.
45°
46800 N
46700 N
BL 46600 N
46500 N
46400 N
46300 N
46200 N
46100 N
TL 46000N
45900 N
45600 E
45700 E
45800 E
45900 E
46000 E
46100 E
46200 E
46300 E
46400 E
46500 E
46600 E
46700 E
46800 E
46900 E
47000 E
47100 E
47200 E
47300 E
47400 E
47500 E
47600 E
47700 E


GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,431
PART 2 OF 3
ATTWOOD GOLD CORP.
GOLDEN CROWN PROPERTY
GEOCHEMICAL SURVEY
Au (ppb)
SCALE: 1:2500
DATE: June '90
N.T.S. 92E/2
DRAWN BY GEO-COMP
FIGURE: 3
0 50 100 150 200
metres