GEOCHEMICAL ASSESSMENT REPORT ON THE

ASTER PROPERTY

CARIBOO MINING DIVISION,
YANKS PEAK AREA, BRITISH COLUMBIA

LOCATION:

N.T.S.: 93-A-14W
LATITUDE: 52o 53' 10"N.
LONGITUDE: 121o 24' 10"W.

CLAIMS:

ASTER 1 TO ASTER 6 (RECORD NUMBERS 8426 TO 8431)

OWNER

ANNEX EXPLORATION CORP.
411-850 WEST HASTINGS STREET
VANCOUVER, B.C. V6C 1E1

OPERATOR

S.M.A. RESOURCES LTD.
7475 ALMOND PLACE
BURNABY, B.C. V3N 4V5

FIELDWORK SUPERVISED BY

ROBERT YORSTEN, GEOLOGIST
5970 STOLTZ ROAD
DUNCAN, BRITISH COLUMBIA

PREPARED BY:

Peter A. Christopher Ph.D., P.Eng.
PETER CHRISTOPHER AND ASSOCIATES INC.
3707 WEST 34TH AVENUE,
VANCOUVER, B.C. V6N 2K9

FEBRUARY 21, 1992

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SUMMARY

The Aster Property, consisting of 6 metric claims totalling 97 units covers a maximum possible area of 2425 hectares in the Yanks Peak area, Cariboo Mining District, British Columbia. The property was optioned by Sukuma Explorations Ltd. to explore favourable geological and structural settings for vein type and replacement gold deposits. Six named mineral occurrences, Holmes Ledge (MI 93A-38), Cornish Ledge (MI 93A-100), Hebson Vein (MI 93A-101), Taylor (MI 93A-102), Cariboo-Nordine (MI 93A-108) and Gorrie (MI 93A-109), are situated within or directly south of the property area. The Cunningham Creek property of Imperial Metals Corporation adjoins the property to the east. The Cunningham Creek Property encloses the old Cariboo-Hudson Mine which has recorded production of 12,938 tons yielding 5,196 ounces of gold (0.402 oz Au/ton) with present reserves on the Cunningham Creek Property reported by Imperial Metals (August 12, 1986, News Release) at 60,000 tons grading 0.388 oz Au/ton.

The Aster Property is underlain by the Snowshoe and Midas Formations of the Upper Proterozoic and Lower Paleozoic Cariboo Group. The units strike northwesterly with quartzite, schist and limestone of the Midas formation occurring in the cores of overturned anticlinal structures. The overlying Snowshoe Formation is mainly quartzite and conglomerate.

The 1991 field program consisted of 644 soil samples, 13 silt samples and 20 rock samples which were analyzed for 30 element ICP and gold by acid leach/AA at Acme Analytical Laboratory in Vancouver, B.C. Gold, silver, lead and arsenic produced the strongest anomalies and were plotted and contoured on Figures 10 through 13, respectively. Gold values in soils range from 0.2 ppb to 500.0 ppb at 3+00N 6+50W and gold values in rock samples range from 1 ppb to 4380 ppb for grab sample AST-3-91 from a quartz vein at 19+00N 7+15W. A priority trenching target is an area of anomalous soil values from 5+50N to 8+00N and about 12+50W which extends a previously defined soil anomaly about 400 meters south of a large vein exposed in trench 15 (Figure 4).

The 1988 trenching program demonstrated the effectiveness of soil geochemistry in defining precious metal bearing zones (Christopher, 1989, 1991). Additional trenching is required to further test anomalous gold in soil values (Figure 10). The trenching program will complete the Stage II program recommended by the writer (Christopher, 1991).

INTRODUCTION

The Aster Property, consisting of 6 metric claims totalling 97 units, covers an area of about 2400 hectares in the Cariboo Mining Division, British Columbia. The writer was retained by the management of S.M.A. Resources Ltd. (formerly Sukuma Explorations Ltd.) and Annex Exploration Corp. (formerly Golden Eye Minerals Ltd.) to prepare an assessment report on the 1991 geochemical sampling program which was recommended by the writer (Christopher, 1991). The geochemical program was conducted to extend previous geochemical soil anomalies into areas of unsampled ground. Prospecting, silt sampling, rock sampling and geological observations were carried out on conjunction with grid soil sampling.

This report is based on personal property examinations, a 1987 geological, geochemical and geophysical surveys conducted for Sukuma Explorations Ltd. (Christopher, 1988), results of the 1988 field program (Christopher, 1989), on government and company reports, and the results of a geochemical sampling program conducted in October 1991. Trenching is required to test gold geochemical anomalies outlined by the 1991 sampling program.

LOCATION AND ACCESS (Figures 1 & 2)

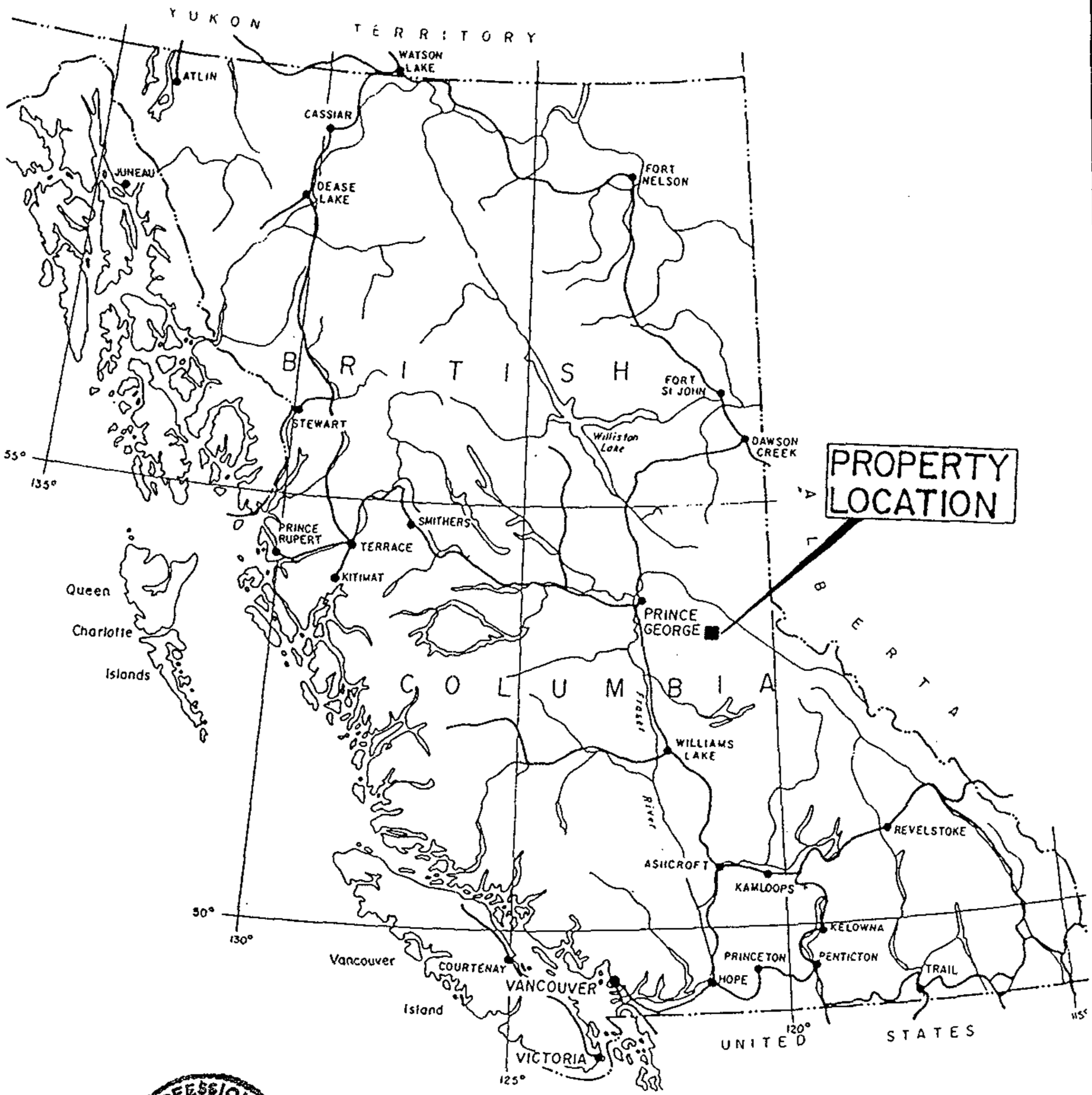
The Aster Property is situated about 80 kilometers east of Quesnel, 30 kilometers north of Likely and 25 kilometers southeast of Barkerville at Yanks Peak. The property is in NTS map sheet 93-A-14W and centered at latitude 52o 53'50"N. and longitude 121o 24' 10"W. The claims are situated in the headwater area of Aster, McMartin, Cunningham, Victoria, French Snowshoe, and Little Snowshoe creeks.

Four wheel drive access exists to the southern boundary of the Aster Property from Wells via east heading logging roads for 24 kilometers and then an additional 23 kilometers south on the historic Cunningham Pass Trail. The trail joins the Wells-Barkerville area with Keithley Creek and Likely. Alternate access is from Likely via main logging roads to Keithley Creek and the Cunningham Pass Trial. Local access in the upland area of the property was expedited by using off road vehicles.

The claims cover northerly extending ridges of Yanks Peak which have been dissected by a number of streams. Elevations on the property range from 4200 feet (1280 m.) near the Swift River at the northwest corner of the property to about 6200 feet (1890 m.) in the center of the property. The upper area of the claims is a relatively flat alpine meadow with elevations between 5500 (1675 m.) and 6200 feet (1890 m.) Valleys and locally plateau areas are heavily timbered. Drilling water should exist on the property throughout the year.

PROPERTY DEFINITION

The Aster Property, consisting of 6 metric claims totalling 97 units, covers a maximum possible area of 2425 hectares in the Cariboo Mining Division, British Columbia. The claims were staked by Victor Guinet for Golden Eye Minerals Ltd. between April 26th and 29th, 1987



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
P. A. Christopher

0 200 400 METRES

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SUKUMA EXPLORATION LTD.

ASTER PROPERTY

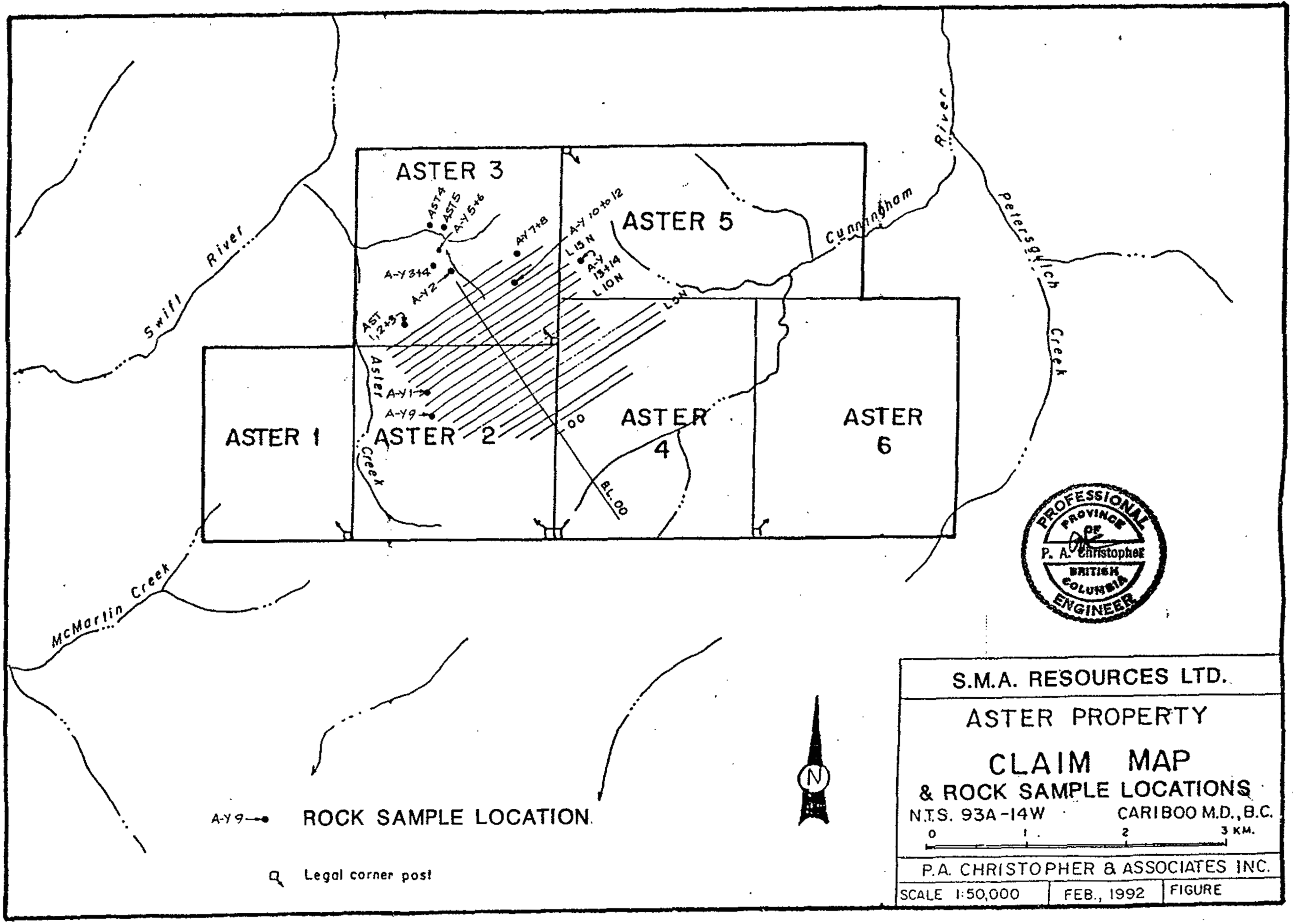
LOCATION MAP

N.T.S. 93A-14W | CARIBOO M.D., B.C.

P.A. CHRISTOPHER & ASSOCIATES LTD.

SCALE AS SHOWN	FEB. 1988	FIGURE 1

CHONG


ASTER 1
ASTER 2
ASTER 3
ASTER 4
ASTER 5
ASTER 6
Swift River
McMartin Creek
Aster Creek
Cunningham River
Petersgulch Creek
AST 4
AST 5
A-Y 5+6
A-Y 7+8
A-Y 10 to 12
L 15 N
A-Y 13+14
L 10N
L 5N
A-Y 3+4
A-Y 2
AST 1,2+3
A-Y 1
A-Y 9
00
BL 00
N
A-Y 9 ROCK SAMPLE LOCATION
Legal corner post
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
P. A. Christopher
S.M.A. RESOURCES LTD.
ASTER PROPERTY
CLAIM MAP
& ROCK SAMPLE LOCATIONS
N.T.S. 93A-14W
CARIBOO M.D., B.C.
0 1 2 3 KM.
P.A. CHRISTOPHER & ASSOCIATES INC.
SCALE 1:50,000
FEB., 1992
FIGURE

CHONG

and recorded at Quesnel, British Columbia on May 25, 1987. The writer examined the legal corner post and 1 north post for the Aster 2 and Aster 4 claims which confirmed claim locations shown on Figure 2. Table 1 presents pertinent claim data for the Aster Property.

Table 1. Pertinent Claim Data for Aster Property.

Name	Record #	Units/Shape	Date Recorded	Staker	Expiry**
Aster 1	8426(5)	12/4Nx3W	May 25, 1987	Victor Guinet	1992
Aster 2	8427(5)	16/4Nx4W	May 25, 1987	Victor Guinet	"
Aster 3	8428(5)	16/4Nx4W	May 25, 1987	Victor Guinet	"
Aster 4	8429(5)	20/5Nx4E	May 25, 1987	Victor Guinet	"
Aster 5	8430(5)	18/3Sx6E	May 25, 1987	Victor Guinet	"
Aster 6	8431(5)	15/5Nx3E*	May 25, 1987	Victor Guinet	"
Total Units		97			

* Reduced from 20 units on May 25, 1988. ** Prior to 1991 program.

HISTORY

The Yanks Peak area lies at the head of several well-known placer creeks and contains numerous gold bearing quartz veins. Rich placer gold discoveries were first made in the Cariboo in 1860. In the Yanks Peak area, placer gold was first found near the mouth of Keithley Creek in July 1960 by W.R. (Doc) Keithley. The early prospectors interests soon turned to the lode sources areas and in 1862 the Douglas vein was discovered on Luce Creek and in December 1862, three claims were staked on a quartz vein exposed in the bank of Little Snowshoe Creek. In July, 1869, three quartz claims located on a north fork of Little Snowshoe Creek covered the area of veins now known as either the Hebson vein (#12 Fig. 3; MI 93A-101) and Gorrie or Imperial vein (#'s 13, 15, 16 Fig. 3; MI 93A-109) and Cornish Ledge (# 14 Fig. 3; MI 93A-100).

In September, 1875, William Holmes recorded a claim on the Homles Ledge prospect (MI 93A-38). The Cariboo Sentinal of September 25th, 1875, reported that an assay made by the Government Assay Office of a sample from Holmes Ledge contained 14 oz. 17dwt. 11 gr. silver, and 19 dwt. (0.792 oz Au/ton) gold (Holland, 1954). In the late 1930's a 48 foot adit was driven on the showing. The adit cut a 6 foot wide vein that is reported by Holland (1954) to be sparsely mineralized with galena, pyrite, and scheelite.

Mineral occurrences 4 and 5 shown on Figure 3 are reported by Lang (1938) to be part of the Cariboo Nordine group (MI 93A-108) with a number of quartz veins carrying pyrite, galena and low gold values.

The mineralization on Cunningham Creek (Cariboo-Hudson #'s 8, 9, 10 Fig.3; MI 93A-71, 93, 151) was first described by Amos Bowman of the Geological Survey of Canada in 1888. The original Cariboo Hudson claims, Hudson, Glen Echo, First of July, and Fourth of July, were located in 1922 with the Shasta claims added in 1926. Cariboo-Hudson Mines Ltd. acquired the property in 1936, erected a mill and operated until 1939 with a total recorded production of 12,938 tons yielding 5,196 oz. of gold. The property was acquired by Invex Resources Ltd.

(now Imperial Metals Corporation) in 1978. After conducting exploration on the Cunningham Creek Property from 1978 to 1984, Imperial Metals Corporation reported, "establishing 60,000 tons of ore containing 23,250 ounces of gold (a grade of 0.388 oz/t) concentrated mainly in the Shasta vein above the 200 foot level" (News Release dated August 12, 1986). In 1987, the Cunningham Creek Property was acquired by Cathedral Gold Corporation, a subsidiary of Imperial Metals Corporation, and twelve holes totalling 3,604 feet were drilled on the Shasta, 605 and Hudson vein systems. Cathedral's exploration targets are gold-bearing quartz veins and replacement type lenses similar to those at the Cariboo Gold Quartz and Island Mountain Mines which are situated 12 miles to the north.

On the Aster Property, numerous pits, trenches and drifts attest to the high level of previous exploration activity within the general area, but with the exception of a number of early reports, little record exists of the previous exploration.

The Aster 1 through Aster 6 claims were staked between April 26th and April 29th, 1987 by Victor Guinet as agent for Golden Eye Minerals Ltd. The claims were recorded in Quesnel on May 25, 1987. The property was optioned to Sukuma Explorations Ltd. in September 1987 with the initial exploration program conducted in September and October of 1987. Peter Christopher & Associates Inc. was retained by Sukuma Explorations to check the claim locations and evaluate the geological setting of the Aster Property. The writer examined the property on September 23, 1987.

The initial exploration program, conducted for Sukuma Exploration Ltd., consisted of grid establishment (34 km), 20 km of VLF-EM, 1189 soil samples, 78 rock samples, prospecting and geological mapping (Christopher, 1988). The writer examined the property and collected eight rock samples from quartz veins and replacement showings on the property. The best assay results, obtained by the writer, were from a grab sample (K 0453) of pyrite, galena and sphalerite bearing vein material at 12N 7+50W which assayed 1.23% Pb, 0.04% Zn, 4.07 oz Ag/ton, and 0.146 oz Au/ton, and from a 2.5 meter chip sample (K 0454) of 'Fat Vein' (new showing) sulphide bearing material at 14+50N 9W which assayed 1.10% Pb, 3.25 oz Ag/ton and 0.060 oz Au/ton. Grab sample AST 124 by V. Guinet of rusty quartz vein material at 9+25S 2W contained 23810 ppb gold and grab sample AST-3-11 by Peter Newman at 12N 7+50W contained 7845 ppb Au and 93.7 ppm Ag. The strongest and most continuous soil anomalies were obtained for gold, silver and lead with values up to 1140 ppb, 29.7 ppm and 2111 ppm, respectively. Anomalous values were also detected for copper (to 162 ppm), zinc (to 884 ppm), and arsenic (to 703 ppm) but anomalies for these elements are less continuous. VLF-EM conductors generally follow the N30-40o W trend of the stratigraphy. Trenching and detailed grid sampling was recommended for areas with coincident geochemical and geophysical anomalies (Christopher, 1988). The initial exploration program and recording costs incurred by Sukuma Explorations Ltd. exceeded $ 52,000.

The 1988 Stage I program, recommended by the writer, was conducted between September 6, 1988 and October 20, 1988 by Guinet Management Inc. for Annex Exploration Corp. and Sukuma Explorations Ltd. The field program was managed by Victor Guinet with Robert Yorston, project geologist and senior prospector Peter Newman, camp manager. Peter Christopher & Associates Inc. was retained review results and prepare assessment (Christopher, 1989) and engineering reports. A site examination was conducted by the writer in accompany with Mr. V. Guinet, Mr. P. Newman, and Mr. R. Mickle on October 18, 1988.

The field program consisted of grid establishment with 30 kilometers chained line and flagged stations at 25 meter intervals and selected intermediate stations. A total of 1311 soil samples were collected from a well developed B horizon, and analyzed at Acme Analytical Laboratory in Vancouver for lead and silver by ICP and gold by acid leach and atomic adsorption from a 10 gram sample. A total of 130 rock samples were collected from newly excavated trenches. Rock samples were prepared and analyzed by Acme Analytical Laboratories in Vancouver for 30 element ICP and gold by acid leach and AA finish from a 10 gram sample. Sample results is summarized on Figures 4 and 10 through 13. A total of about 1500 meters of trenching was completed in 23 trenches with about 500 meters of road constructed to provide access. The total expenditures on the Stage I program was in excess of $70,000.

This report provides a review of the geological setting, summarizes the results of the 1991 field program, provides recommendations for further development, and provides a cost statement for the 1991 program.

1991 FIELD PROGRAM

The 1991 field program was conducted between October 10, 1991 and October 20, 1991. The project was managed by Victor Guinet of Guinet Management with field work conducted by prospectors Victor Guinet, Peter Newman and James Rasmussen under the field supervision of geologist Robert Yorsten.

The 1991 consisted of 644 soil samples, 13 silt samples and 20 rock samples. All samples were dried and shipped to Acme Analytical Laboratory in Vancouver, B.C. for 30 element ICP and gold by acid leach/AA. Certificates of analyses are included as Appendix A of this report. Rock sample locations are shown on Figures 2 and 4 with sample descriptions tabulated in Appendix B.

Soil samples were collected at 25 meter intervals along lines generally spaced at 50 meter intervals. The strongest responses were obtained from gold, silver, lead and arsenic with values added to existing grid maps Figures 10 through 13 from previous surveys (Christoper, 1989, 1991). Soil samples were collected with either an auger or a mattock. The material collected was usually a brown B-horizon soil or a grey C-horizon. Samples with strong zinc and manganese content were generally from organic rich bogs.

The strongest geochemical responses were obtained for gold, silver, lead and arsenic with limited strong response from zinc, molybdenum and tungsten. The molybdenum and tungsten values probably reflect the presence of acid dyke rocks which cut the mainly sedimentary sequence.

Rock samples show similar anomalous values and further support a strong correlation between lead and silver. The rocks samples were obtained during geological prospecting along geochemical traverses.

GEOLOGY (Figures 3, 4)

The Aster Property is situated in the Cariboo-Quesnel Gold Belt near the boundary of the Omineca Crystalline Belt and the Quesnel Trough Division of the Intermontane Tectonic Belt. The Quesnel Trough is a linear belt of early Mesozoic volcanic and sedimentary rocks lying along the western margin of the Omineca Crystalline Belt. Paleozoic and Precambrian strata of the Omineca Crystalline Belt are in fault contact with units of the Quesnel Trough. The Omineca Crystalline Belt in the Yanks Peak area consists of schistose sedimentary rocks of late Precambrian and (or) Cambrian age known as the Cariboo group.

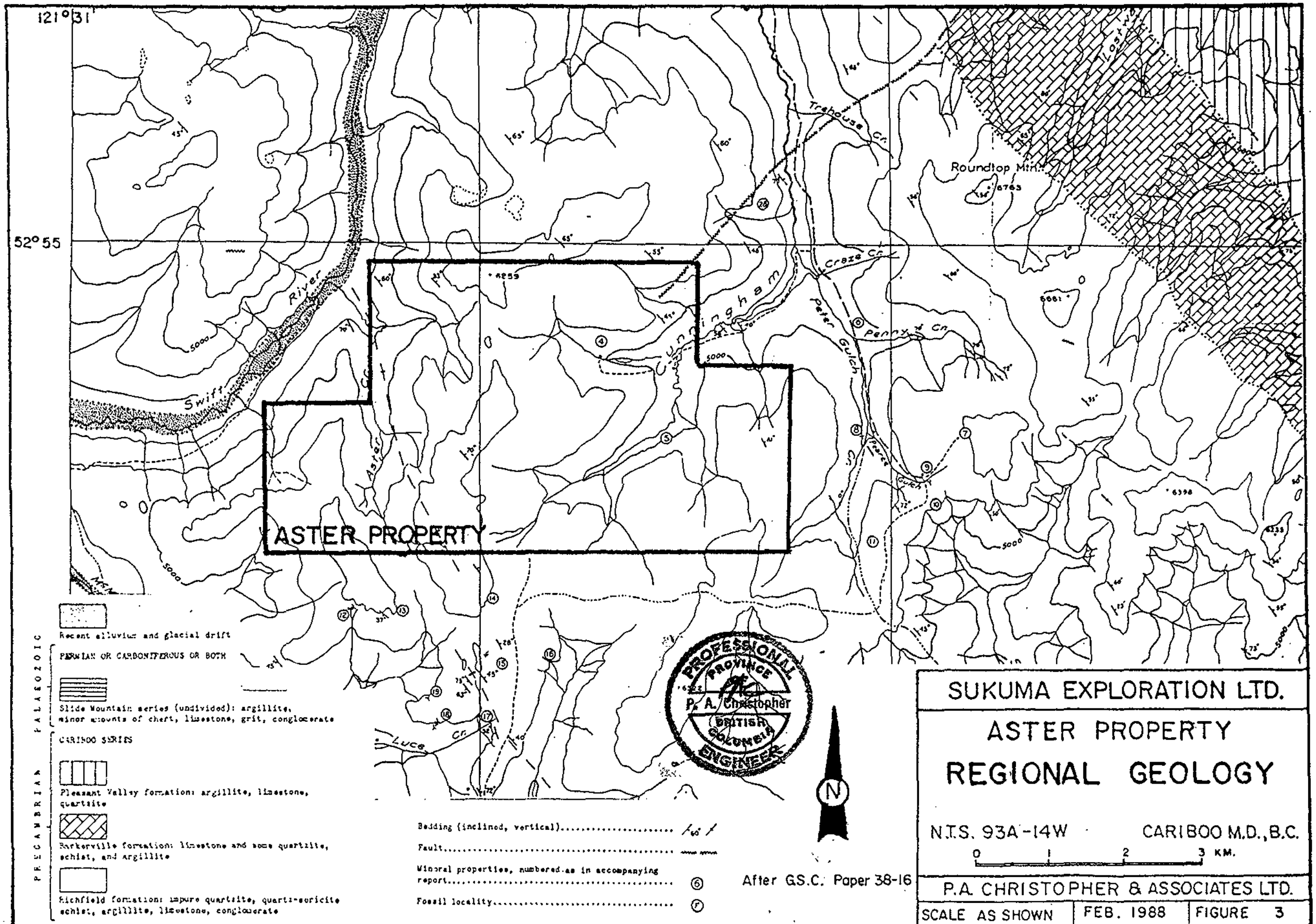
The Aster Property area has been mapped by Bowman (1888), Lang (1938), Holland (1954), Sutherland Brown (1957), Campbell (1978) and K.V. and R.B. Campbell (1970). They all show the property area to be underlain by Cariboo Group rocks which were called Richmond formation by Lang but later divided into the Snowshoe and Midas formations by Holland (1954). The Midas formation consists of black phyllite and metasiltstone and the Snowshoe formation consists of micaceous quartzite, phyllite, and conglomerate with an upper limestone, mica schist member.

The Cariboo group has been compressed into northwesterly trending complex folds which are overturned toward the southwest and plunge at small angles to the northwest. Major faults strike northeasterly with general northward preference. The northerly faults generally are normal faults. The northerly faults appear to have been the main conduits for mineralizing solution which were spread by transverse fractures. Lode deposits are structurally controlled gold-bearing pyritic quartz veins and bedded replacements within the Cariboo group.

Mineralized quartz vein showings have been mapped by Peter Newman and geologist Robert Yorston with locations shown on Figure 4. Quartz veins most commonly occur in east-west and north-south structures and parallel to bedding. The east-west veins appear to occupy fractures or block faults that are about 90° to the stratigraphy. The east-west veins are best exposed in trenches located at about 12+00N 7+00W and 8+00N 8+00W. The east-west veins contain some of the better gold values. The north-south trending veins, exposed in trenches at about 9+50N 10+50W, appear to be emplaced in stronger, more continuous structures.

MINERALIZATION (Figure 4)

The Aster Property covers the Holmes Ledge (MI 93A-38) and Cariboo Nordine (#'s 4, 5 Fig. 3; MI 93A-108) mineral occurrences and is situated immediately north of the Cornish Ledge (# 14 Fig. 3; MI


121° 31'
52° 55
Swift River
Aster Cr.
Cunningham
Trehouse Cr.
Craze Cr.
Peter Gulch
Penny Cr.
Pearce Gulch
Roundtop Mtn.
Luce Cr.
5000
ASTER PROPERTY
Recent alluvium and glacial drift
PALAEOZOIC
PERMIAN OR CARBONIFEROUS OR BOTH
Slide Mountain series (undivided): argillite, minor amounts of chert, limestone, grit, conglomerate
PRECAMBRIAN
CARIBOO SERIES
Pleasant Valley formation: argillite, limestone, quartzite
Barkerville formation: limestone and some quartzite, schist, and argillite
Richfield formation: impure quartzite, quartz-sericite schist, argillite, limestone, conglomerate
Bedding (inclined, vertical)
Fault
Mineral properties, numbered as in accompanying report
Fossil locality
After G.S.C. Paper 38-16
N
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
P. A. Christopher
SUKUMA EXPLORATION LTD.
ASTER PROPERTY
REGIONAL GEOLOGY
N.T.S. 93A-14W
CARIBOO M.D., B.C.
0 1 2 3 KM.
P.A. CHRISTOPHER & ASSOCIATES LTD.
SCALE AS SHOWN
FEB. 1988
FIGURE 3

CHONG

93A-100), Hebson vein (#12 Fig. 3; MI 93A-101), Gorrie or Imperial vein (#'s 13, 15, 16 Fig. 3; MI 93A-109) and Taylor Tungsten (# 12 Fig. 3; MI 93A-102). The Cariboo Nordine is described by Lang (1938) as both bedded and cross cutting veins that are mineralized by pyrite, galena and low gold values. The occurrences are in the eastern part of the Aster Property in an area that was not covered by the 1987 survey.

The Holmes Ledge prospect is situated in the northwest corner of the Aster Property. The original Homes Ledge claim probably covered the area of a new showing at the 'Fat Vein' (Figure 4). At the Holmes Ledge prospect, pyrite, galena and sphalerite bearing quartz veins were describes by Bowman (1888) as 3 to 6 feet wide with 70o northeast dips. Holland (1954) examined an open cut about 35 feet long on a vein striking N80E and dipping 75o south and selected a piece of quartz and galena which assayed 0.01 oz Au/ton, 6.3 oz Ag/ton and 6.7% lead. A 48 foot adit driven on the showing in the late 1930's has apparently caved.

The writer collected six samples from showings in the western part of the 1987 grid area with the highest values obtained from the area which includes the 'Fat Vein' (Figure 4). A 2.5 meter chip sample by the writer (K 0454) assayed 0.060 oz Au/ton, 3.25 oz Ag/ton, and 1.10% Pb and a grab sample by prospector Peter Newman contained 2415 ppb gold, 268.2 ppm silver and 29869 ppm lead. A 0.36 meter chip sample from a pit at 12N 7+50W assayed 0.008 oz Au/ton, 5.53 oz Ag/ton and 1.47% lead and a select sample of 20% pyrite material assayed 0.146 oz Au/ton, 4.07 oz Ag/ton and 1.23% lead. The highest gold value obtained was 23810 ppb for a grab sample by V. Guinet at 9+25S and 2W. Table 2 summarizes the writer's 1987 samples and other significant 1987 rock geochemical results.

The presence of high lead and silver values with high gold was indicated by 1987 sampling and encouraged further use of these elements in 1988 as geochemical pathfinder elements.

TABLE 2. SUMMARY OF 1987 SAMPLE RESULTS

					OZ/TON		
SAMPLE #	SAMPLER	TYPE	WIDTH	PB%	AG	AU	LOCATION
K0451	CHRISTOPHER	GRAB	-	4.02	0.55	.001	14+70N 2W
K0452	CHRISTOPHER	CHIP	0.36M	1.47	5.53	.008	12N 7+50W
K0453	CHRISTOPHER	SELECT	-	1.23	4.07	.146	12N 7+50W
K0454	CHRISTOPHER	CHIP	2.50M	1.10	3.25	.060	14+50N 9W
K0455	CHRISTOPHER	CHIP	0.31M	0.06	0.15	.013	14+50N 9W
K0456	CHRISTOPHER	CHIP	0.61M	0.16	0.22	.002	6+50N 8W
K0457	CHRISTOPHER	GRAB	-	0.01	0.01	.001	7+80E 0+50S
K0458	CHRISTOPHER	CHIP	0.61	0.01	0.01	.001	7+80E 0+50S
				PPM		PPB	
AST-124	V. GUINET	GRAB	-	24	3.8	23810	9+25S 2W
AST3-11	P. NEWMAN	GRAB	-	7613	93.7	7845	12N 7+50W
AST3-6	P. NEWMAN	GRAB	-	23444	285.0	2815	14+50N 9W
AST3-7	P. NEWMAN	GRAB	-	29869	268.2	2415	14+50N 9W
AST3-8	P. NEWMAN	GRAB	-	35306	330.3	1480	14+50N 9W
AST4-41	P. NEWMAN	GRAB	-	1812	2.9	1630	4+50N 6E

The 1988 field program consisted of fill in geochemical sampling with backhoe trenching of the strongest soil geochemical anomalies. A total of 130 rock samples were collected with sample descriptions for selected trench samples presented in Appendix A. Table 3 summarizes significant sample results from 1988 rock samples with locations and results summarized on Figures 8 through 12. The strongest gold response was from Trench 22 with a 0.25 meter chip containing 19800 ppb gold and 377.8 ppm silver.

TABLE 3. SUMMARY OF 1988 TRENCH SAMPLE RESULTS

Sample	Location	Width (meters)	Gold ppb (oz/t)	Silver ppm (oz/t)
ATr3-1	Trench 3	0.40	2080 (0.060)	133.2 (4.28)
ATr3-3	Trench 3	grab	19200 (0.557)	403.8(11.78)
ATr12-4	Trench 12	1.10	2100 (0.061)	95.9 (2.80)
ATr15-8	Trench 15	3.60	2500 (0.073)	3.3 (0.10)
ATr22-2	Trench 22	0.25	19800 (0.574)	377.8(11.02)
ATr23-1	Trench 23	0.30	8950 (0.260)	108.9 (3.18)

The 1991 rock sampling program was limited to 20 grab samples of float and outcrop which were encountered during prospecting traverses. Significant results is summarized in Table 4 with rock descriptions presented in Appendix B.

TABLE 4. SUMMARY OF 1991 SIGNIFICANT ROCK SAMPLE RESULTS.

Sample	Location	Type	Lead ppm	Gold ppb	Silver ppm
A-Y-5	Fig.2	grab	11950	9	34.2
A-Y-9	Trench 15	grab	203	460	1.3
AST-1-91	Fig. 2	grab	6114	15	41.8
AST-2-91	19N 7+15W	grab	714	490	5.8
AST-3-91	"	grab	7360	4380	54.5
VGA-1	Fig 2	grab	38	400	0.5

GEOCHEMICAL SURVEY (Figures 10 to 13)

Soil geochemical samples, totalling 644, were generally taken at 25 meter intervals along lines generally spaced at 50 meter interval. Samples were collected with an auger or mattock generally from the B soil horizon which was generally found to occur between 20 and 30 centimeters. Samples were placed in kraft sample bags, dried and shipped to Acme Analytical Laboratories Ltd. in Vancouver, B.C. for 30 element ICP and gold by acid leach/AA. A total of 1189 samples were analyzed with values for gold, silver, lead and arsenic added to previous (Christopher, 1989, 1991) element distribution plans. Figures 10 to 13 show contoured gold, silver, lead, and arsenic values, respectively. Moderately anomalous and strongly anomalous levels were selected by evaluating the graphic distribution of values from the previous survey (Christopher, 1988) and by comparing with other surveys in the Yanks Peak area. A total of 20 rock samples were analyzed by ICP and gold geochemistry with sample locations shown on Figures 2 and 4 and geochemical values presented in Appendix A and sample descriptions presented as Appendix B.

Results

Gold geochemical values in soils range from the lower detection limit of 0.2 to 500 ppb with values over 10 ppb of interest and 64 values over 20 ppb considered anomalous. Values over 10 and 30 ppb are contoured on Figure 10. Gold soil values show positive correlation with arsenic, lead and silver values with rock geochemical results also showing bismuth and/or arsenic associated with gold. A number of stronger responses occur at the southern and western edges of the grid area. Since little outcrop is present, trenching is recommended to test the anomalies.

Silver geochemical values in soils range from the lower detection limit of 0.1 to 33.9 ppm with 59 values ≥ 1 ppm of interest and 12 values over 3 ppm considered strongly anomalous. Silver values show positive correlation with gold and lead with strongly anomalous e the silver response from the southeastern part of the grid area.

Lead values in soils vary from 4 ppm to 992 ppm with values over 40 ppm considered of interest and 40 values over 90 ppm considered anomalous. The strongest lead response is from 1+75W to 4+75W on line 17+00N and supported an anomaly detected on lines 14+00N to 18+00N. The strong lead response is associated with weakly anomalous gold and silver values. A general association of lead with gold veins and replacement deposits has been suggested by Holland (1954) and others for the Yanks Peak area and a number of rocks samples collected from the Aster Property support the association.

Zinc values in soils show only erratic highs and were not plotted. A strong zinc response of 3163 ppm was from a manganiferous bog (32755 ppm) at 2+50S 10+50E.

Anomalous molybdenum in soil up to 51 ppm (0+50N 7+50W) are mainly restricted to an area west of the baseline where acid dyke rocks have been identified. Rare tungsten in soil anomalies up to 214 ppm (16+00N 8+00E) and values in rock samples up to 341 ppm (A-Y-7) suggests that further checking for tungsten is warranted.

CONCLUSIONS AND RECOMMENDATIONS

The Aster Property is situated in the headwater areas of several creeks with previous placer gold production. The presence of extensive overburden hampered previous prospecting efforts for lode deposits, but two named mineral occurrences, the Holmes Ledge and Cariboo Nordine and numerous old pits, trenches and adits found within the property area attest to a high level of previous exploration interest in the Aster Property area.

The 1987, 1988, and 1991 field programs conducted on the Aster Property have been successful in further defining multi-element soil geochemical anomalies for which modern exploration methods and equipment provide tools for inexpensive evaluation. The 1988 trenching program has indicated that soil anomalies generally indicate the presence of veins within a few meters of the surface.

A priority trenching target is an area of anomalous soil values from 5+50N to 8+00N and about 12+50W which extends a previously defined soil anomaly about 400 meters south of a large vein exposed in trench 15 (Figure 4). The strong silver in soil response from the southeast area of the grid provides a trenching target with base metal and silver potential. The presence of tungsten and molybdenum should be evaluated by lamping of trenches and geochemical analyses as required.

The 1988 trenching program demonstrated the effectiveness of soil geochemistry in defining precious metal bearing zones (Christopher, 1989, 1991). Additional trenching is required to further test anomalous gold in soil values (Figure 10). The trenching program will complete the Stage II program recommended by the writer (Christopher, 1991).

COST ESTIMATES

Stage II. Geological, Geochemical, Trenching

Project Preparation	$ 1,000
Mobilization/Demobilization	3,000
Grid Preparation	3,000
Backhoe & Hand Trenching	15,000
Geochemical Survey Costs	10,000
Geological Mapping	3,000
Engineering & Supervision	5,000
Transportation	3,000
Reporting	3,000
Contingency & Management	7,000
Stage II Total	$ 50,000

Stage III. Diamond Drilling (Contingent)

Project Preparation	$ 2,000
Mobilization/Demobilization	3,000
Site Preparation & Reclamation	8,000
Diamond Drilling 1,000 meters @ $85ea.	85,000
Transporation	6,000
Geology, Engineering, & Supervision	15,000
Reporting	6,000
Contingency	20,000
Stage III Total	$ 145,000

Peter A. Christopher, Ph.D., P.Eng.
February 21, 199[illegible]

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CERTIFICATE

Robert Yorston, with business address at 5970 Stoltz Road R.R. 2, Duncan, B.C. completed field supervision of the geochemical prospecting program:

1. He holds a B.Sc. (1972) from the University of British Columbia.

2. He has practiced his profession as a geologist for over 20 years.

3. He has no interest in the properties or securities of S.M.A. Resources Ltd.

4. He supervised field work on the Aster Property from October 10, 1991 to October 20, 1991 and he assisted with interpretation of data which resulted from the survey.

CERTIFICATE

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

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

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

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

4) I have been practising my profession as a Geologist for over 20 years.

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

6) I have based this report on personal field examinations of the Aster Property on September 23, 1987 and October 18, 1988, a review of government and company reports listed in the bibliography, and exploration programs conducted for Sukuma Explorations Ltd. in 1987 and 1988 and between October 10, 1991 and October 20, 1991.

7) I consent to the use of this report by for any Filing Statement, Statement of Material Facts, or Filing Assessment by S.M.A. Resources Ltd.

Peter Christopher & Associates Inc.

PROFESSIONAL
PROVINCE OF
P. A. Christopher
BRITISH COLUMBIA
ENGINEER

Peter A. Christopher PhD.,P.Eng.
February 21,

APPENDIX A

CERTIFICATES OF ANALYSIS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Guinet Management PROJECT ASTER File # 91-5405R Page 1

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
19+00N 10+00W	1	23	38	122	.1	33	15	624	3.98	10	5	ND	2	47	.4	2	2	29	.50	.089	21	38	.42	87	.01	2	1.39	.01	.08	1	4.7
19+00N 9+75W	1	32	73	119	.2	35	17	1100	3.95	7	6	ND	3	23	.8	2	2	24	.19	.094	24	37	.39	110	.01	3	1.39	.01	.07	1	4.1
19+00N 9+50W	2	21	89	78	.1	22	17	803	3.59	9	5	ND	2	21	.4	2	2	23	.16	.071	23	26	.23	71	.01	2	1.16	.01	.06	1	2.3
19+00N 9+25W	3	29	45	112	.4	31	14	328	2.21	7	5	ND	3	45	.4	2	2	22	.46	.094	20	32	.40	102	.01	2	1.36	.01	.06	1	5.5
19+00N 9+00W	2	22	32	105	.3	31	13	750	3.02	8	5	ND	3	55	.4	2	2	20	.57	.086	20	32	.41	73	.01	2	1.14	.01	.06	1	8.4
19+00N 8+75W	1	33	50	99	.1	33	18	611	3.84	16	5	ND	2	15	.4	2	2	15	.13	.068	26	18	.27	53	.01	2	.92	.01	.06	1	2.3
19+00N 8+50W	1	20	15	53	.1	13	5	136	2.05	9	5	ND	4	5	.2	2	2	13	.02	.026	31	5	.05	23	.01	3	.33	.01	.03	2	5.1
19+00N 8+25W	1	31	77	121	.9	37	27	4496	4.72	10	5	ND	1	41	1.7	2	2	19	.47	.187	13	17	.24	150	.01	2	1.47	.01	.10	1	12.3
19+00N 8+00W	1	27	39	95	1.1	29	36	4925	5.64	10	5	ND	1	81	1.0	2	2	11	1.05	.113	10	12	.31	195	.01	3	.91	.01	.08	1	3.8
19+00N 7+75W	1	20	35	53	.3	14	8	716	2.25	11	5	ND	3	6	.2	2	2	7	.03	.062	14	9	.08	43	.01	2	.82	.01	.03	1	22.1
19+00N 7+50W	1	25	29	54	.1	17	7	329	3.08	14	5	ND	3	4	.2	2	2	11	.01	.042	24	7	.06	23	.01	2	.41	.01	.03	2	11.2
19+00N 7+25W	1	23	44	90	.2	17	8	909	2.69	10	5	ND	3	12	.2	2	2	13	.18	.065	20	8	.07	86	.01	5	.72	.01	.06	1	5.4
19+00N 7+00W	1	8	5	31	.1	4	2	80	.72	3	5	ND	7	6	.2	2	2	10	.04	.017	36	6	.03	22	.01	3	.46	.01	.03	1	8.6
19+00N 6+75W	1	10	13	32	.1	6	3	145	1.94	6	5	ND	11	4	.2	2	2	14	.01	.018	40	7	.06	24	.01	2	.61	.01	.03	1	.9
19+00N 6+50W	1	31	146	86	1.5	30	21	2668	2.47	4	5	ND	4	24	1.1	2	2	9	.21	.078	23	12	.13	116	.01	6	1.15	.01	.07	1	1.9
19+00N 6+25W	1	15	18	36	.1	9	3	216	1.54	4	5	ND	7	6	.2	2	2	6	.06	.022	34	3	.03	27	.01	2	.34	.01	.04	1	3.0
RE 19+00N 5+00W	1	9	15	36	.8	5	2	103	1.16	8	5	ND	6	4	.2	2	2	9	.02	.028	32	4	.02	17	.01	2	.42	.01	.03	1	5.7
19+00N 6+00W	1	17	35	54	.5	11	7	638	2.10	8	5	ND	4	11	.2	2	2	10	.12	.030	30	9	.12	83	.01	2	.72	.01	.05	1	1.8
19+00N 5+75W	1	11	42	47	.3	10	4	120	1.49	6	5	ND	2	8	.2	2	2	8	.05	.033	23	9	.10	61	.01	5	.61	.01	.05	1	3.5
19+00N 5+50W	1	16	49	51	.2	16	8	427	2.73	17	5	ND	3	7	.2	2	2	10	.04	.043	26	11	.13	41	.01	2	.73	.01	.05	1	2.4
19+00N 5+25W	1	20	24	55	.1	15	6	2254	2.03	14	5	ND	5	5	.2	2	2	15	.03	.028	32	4	.03	83	.01	2	.38	.01	.03	1	3.2
19+00N 5+00W	1	11	17	36	.8	5	2	111	1.15	9	5	ND	6	4	.2	2	2	9	.02	.027	32	4	.02	17	.01	2	.42	.01	.03	1	4.2
19+00N 4+75W	1	15	31	28	1.4	8	3	85	2.61	25	5	ND	6	4	.2	2	2	12	.01	.032	33	6	.03	15	.01	2	.49	.01	.03	1	3.7
19+00N 4+50W	1	31	48	64	.1	21	6	210	3.66	56	5	ND	7	4	.2	2	2	14	.01	.031	34	10	.06	22	.01	2	.80	.01	.03	1	6.4
19+00N 4+25W	1	11	18	22	.4	5	2	59	1.99	49	5	ND	4	4	.2	2	2	33	.01	.033	27	7	.02	16	.01	3	.59	.01	.03	1	5.1
19+00N 4+00W	1	11	5	17	.1	5	2	56	1.06	7	5	ND	3	3	.2	2	2	11	.01	.032	28	4	.02	15	.01	2	.31	.01	.02	1	2.7
19+00N 3+75W	1	26	28	61	1.2	19	7	460	3.97	24	5	ND	2	5	.2	2	2	17	.01	.061	23	15	.09	38	.01	4	.73	.01	.05	1	3.8
19+00N 3+50W	1	11	35	24	.1	6	2	51	1.36	21	5	ND	3	7	.2	2	2	12	.04	.023	26	6	.05	40	.01	2	.51	.01	.04	1	4.8
19+00N 3+25W	1	19	24	40	.1	13	5	181	3.83	29	5	ND	2	5	.2	2	2	17	.01	.048	24	12	.08	32	.01	3	.70	.01	.04	1	11.0
19+00N 3+00W	1	7	7	20	.1	3	1	35	.46	10	5	ND	5	3	.2	2	2	5	.01	.013	32	2	.01	10	.01	2	.14	.01	.02	1	4.6
19+00N 2+75W	1	23	33	63	.1	22	9	256	4.21	30	5	ND	5	5	.2	2	2	12	.02	.033	27	15	.18	40	.01	2	.87	.01	.05	1	31.6
19+00N 2+50W	1	8	36	32	.6	8	5	318	1.89	41	5	ND	1	31	.2	2	2	12	.38	.044	19	6	.12	45	.01	3	.48	.01	.04	1	4.4
19+00N 2+25W	1	22	71	71	1.0	27	8	691	2.37	69	5	ND	1	54	.5	3	2	8	.70	.064	13	10	.19	51	.01	2	.57	.01	.05	1	3.9
19+00N 2+00W	1	21	73	67	1.0	34	10	1258	2.98	106	5	ND	1	52	.5	3	2	9	.67	.094	14	11	.19	71	.01	2	.70	.01	.06	1	3.1
19+00N 1+75W	2	21	41	59	.2	15	6	778	3.17	42	5	ND	6	7	.2	2	2	25	.02	.030	30	12	.04	29	.03	2	.54	.01	.04	1	2.4
19+00N 1+50W	1	26	80	81	.4	26	16	5833	3.23	39	5	ND	1	37	.6	5	2	20	.39	.090	15	14	.17	113	.02	5	1.20	.01	.06	1	6.4
19+00N 1+25W	2	24	56	51	.1	16	6	311	3.86	77	5	ND	8	6	.2	2	2	17	.02	.067	35	12	.08	27	.02	2	.67	.01	.04	1	5.7
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	19	62	39	125	6.8	75	33	1036	4.01	42	18	8	40	53	18.3	16	17	57	.50	.090	38	60	.85	182	.09	34	1.87	.06	.14	13	47.6

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 PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JAN 13 1992 **DATE REPORT MAILED:** Jan 22/92 **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
19+00N 1+00W	1	11	19	48	.3	14	6	495	2.23	17	5	ND	3	6	.2	2	2	17	.06	.071	23	10	.06	39	.01	9	.35	.01	.05	2	4.8
19+00N 0+75W	1	3	17	18	.2	1	1	62	.67	10	5	ND	7	5	.2	2	2	10	.01	.037	30	6	.03	26	.01	2	.39	.01	.03	1	7.5
19+00N 0+50W	1	13	31	32	.5	8	5	322	3.24	37	5	ND	7	5	.2	2	2	40	.01	.075	31	11	.04	34	.03	2	.52	.01	.04	2	9.4
19+00N 0+25W	1	7	10	19	.1	5	2	64	.76	8	5	ND	5	4	.2	2	2	9	.01	.022	33	4	.02	43	.01	2	.30	.01	.03	1	5.6
19+00N 0+00	1	6	10	27	.1	5	3	49	1.04	15	5	ND	9	4	.2	2	2	15	.01	.020	34	8	.03	15	.01	3	.41	.01	.03	2	3.0
18+50N 10+00W	3	41	24	162	.7	40	16	1084	2.84	16	8	ND	1	92	.7	2	2	16	1.02	.107	10	21	.28	83	.01	6	.63	.02	.05	1	3.9
18+50N 9+75W	1	22	37	87	.1	26	16	537	3.46	17	5	ND	3	10	.4	2	2	15	.09	.055	22	25	.20	39	.01	3	.70	.01	.05	2	4.1
18+50N 9+50W	1	49	61	150	.2	56	23	721	4.15	23	5	ND	16	24	.6	2	2	16	.19	.070	34	34	.42	120	.01	3	1.10	.01	.12	2	5.3
18+50N 9+25W	1	15	26	50	.2	16	7	202	2.25	18	5	ND	5	9	.3	2	2	16	.06	.045	29	20	.15	41	.01	4	.71	.01	.05	2	7.0
18+50N 9+00W	1	14	33	73	.1	18	10	339	3.26	8	5	ND	4	15	.2	2	2	18	.14	.060	26	20	.23	90	.01	3	1.06	.01	.08	2	7.5
18+50N 8+75W	1	24	35	101	.3	23	22	2660	3.68	28	5	ND	3	43	.8	2	2	18	.52	.159	15	21	.29	99	.02	3	1.26	.01	.09	3	3.6
18+50N 8+50W	1	36	62	101	.5	27	23	3173	4.35	11	5	ND	2	26	.2	2	2	25	.24	.130	18	24	.22	115	.02	3	1.80	.01	.09	2	4.8
18+50N 8+25W	2	18	23	151	.1	52	31	1690	8.10	17	8	ND	3	25	.2	2	3	13	.31	.072	10	109	.35	77	.01	2	.80	.01	.04	2	4.0
18+50N 8+00W	1	26	31	67	1.3	16	17	3134	2.19	8	6	ND	2	104	1.7	2	2	10	1.62	.139	8	12	.36	82	.01	4	.64	.01	.08	1	10.1
18+50N 7+75W	1	17	21	81	.1	14	9	595	2.83	13	5	ND	2	17	.2	2	2	16	.15	.045	28	13	.09	76	.01	5	.65	.01	.08	2	4.0
18+50N 7+50W	1	9	15	31	.1	6	4	79	1.19	13	5	ND	5	4	.2	2	2	10	.02	.019	30	8	.03	17	.01	4	.25	.01	.03	2	11.7
18+50N 7+25W	1	35	43	100	1.1	31	11	1040	2.50	10	5	ND	4	44	.8	2	2	10	.63	.090	19	15	.28	82	.01	5	.91	.01	.06	1	12.6
18+50N 7+00W	1	24	56	67	.1	18	12	317	3.16	13	5	ND	10	6	.2	2	2	17	.03	.029	35	16	.15	38	.01	4	.85	.01	.06	2	9.0
18+50N 6+75W	1	17	37	64	.1	15	10	685	2.56	8	5	ND	3	8	.2	2	2	18	.07	.045	29	12	.06	52	.01	2	.60	.01	.07	1	4.1
18+50N 6+50W	1	13	16	45	.2	9	5	267	1.97	9	5	ND	7	6	.2	2	2	10	.06	.037	36	10	.09	29	.01	3	.42	.01	.05	1	2.3
18+50N 6+25W	1	94	46	90	.1	51	36	1186	4.65	4	5	ND	10	5	.2	2	5	4	.02	.053	51	5	.05	19	.01	4	.30	.01	.04	1	4.2
RE 18+50N 7+25W	1	33	46	101	.7	31	12	1035	2.55	7	7	ND	2	42	.3	2	2	10	.61	.087	20	13	.28	87	.01	2	.90	.01	.06	1	9.1
18+50N 6+00W	1	12	17	51	.2	9	5	212	2.16	11	5	ND	6	6	.2	2	3	13	.06	.034	30	11	.07	25	.01	2	.41	.01	.05	2	4.8
18+50N 5+75W	1	19	77	64	.4	21	12	958	2.55	12	5	ND	4	15	1.1	2	2	8	.13	.052	27	11	.12	74	.01	3	.70	.01	.07	1	4.9
18+50N 5+50W	1	20	46	82	.1	21	10	345	3.23	19	5	ND	5	7	.2	2	3	7	.05	.039	29	10	.09	35	.01	3	.45	.01	.06	1	6.6
18+50N 5+25W	1	17	33	77	.4	13	7	1519	1.77	14	5	ND	6	13	.5	2	2	12	.20	.033	28	9	.04	91	.01	4	.35	.01	.07	1	2.9
18+50N 5+00W	1	24	66	67	.5	16	8	200	3.38	18	5	ND	7	4	.2	3	2	8	.01	.048	29	9	.05	27	.01	2	.59	.01	.05	2	4.9
18+50N 4+75W	1	5	11	17	.2	2	2	73	.52	7	5	ND	12	4	.2	3	2	7	.02	.014	38	5	.02	16	.01	3	.40	.01	.03	1	6.7
18+50N 4+50W	1	4	5	17	.1	2	1	40	.36	4	5	ND	11	3	.2	2	3	7	.01	.011	39	6	.01	14	.01	2	.30	.01	.02	1	3.4
18+50N 4+25W	1	8	10	38	.2	7	4	144	1.76	15	5	ND	9	4	.2	2	2	19	.01	.025	36	11	.04	16	.01	2	.33	.01	.03	3	5.3
18+50N 4+00W	1	7	10	25	.4	5	3	85	2.55	11	5	ND	7	4	.2	2	2	22	.01	.034	29	12	.05	18	.01	3	.61	.01	.03	1	9.6
18+50N 3+75W	1	5	22	32	.2	6	4	127	3.22	15	5	ND	3	4	.2	2	2	28	.01	.061	28	16	.06	22	.01	3	.63	.01	.04	1	3.6
18+50N 3+50W	1	5	6	24	.2	5	2	54	.68	6	5	ND	5	4	.2	2	2	9	.01	.024	32	7	.02	13	.01	2	.33	.01	.03	1	16.4
18+50N 3+25W	1	9	10	35	.1	9	4	133	1.58	10	5	ND	6	4	.2	2	2	11	.01	.035	35	9	.04	17	.01	4	.34	.01	.03	2	13.6
18+50N 3+00W	1	16	54	44	1.3	8	6	539	2.25	16	5	ND	3	5	.4	3	2	17	.01	.070	25	13	.05	36	.01	4	.39	.01	.04	3	8.1
18+50N 2+75W	1	19	35	67	.1	14	9	365	4.66	19	5	ND	6	5	.2	2	2	21	.01	.044	29	20	.08	32	.02	3	.77	.01	.04	2	6.8
18+50N 2+50W	1	11	57	52	.9	11	5	109	2.26	55	5	ND	5	10	.6	3	2	11	.09	.034	26	11	.10	38	.01	3	.46	.01	.04	2	4.3
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.3
STANDARD C/AU-S	20	58	43	139	7.3	76	32	1071	4.04	42	18	8	40	52	18.7	16	21	60	.50	.094	40	55	.92	166	.09	33	1.87	.06	.15	11	48.3

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Guinet Management PROJECT ASTER FILE # 91-5405R

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
18+50N 2+25W	1	20	92	109	.5	30	15	1339	2.68	24	5	ND	2	15	.8	3	2	11	.15	.057	20	12	.18	82	.01	4	.92	.01	.07	1	11.1
18+50N 2+00W	1	10	33	52	.2	10	4	84	1.58	25	5	ND	3	10	.2	2	2	6	.08	.020	31	7	.11	20	.01	3	.37	.01	.03	1	4.1
18+50N 1+75W	1	16	55	89	.7	24	12	874	2.70	29	5	ND	1	18	.5	2	2	12	.19	.053	22	10	.14	50	.01	3	.64	.01	.06	1	5.1
18+50N 1+50W	1	12	51	36	.8	9	3	120	1.20	17	5	ND	3	6	.2	2	2	9	.02	.025	31	6	.04	31	.01	4	.64	.01	.04	1	3.1
18+50N 1+25W	1	6	6	13	.1	2	1	24	.38	8	5	ND	5	4	.2	2	2	8	.01	.011	36	3	.01	12	.01	2	.30	.01	.02	1	1.2
RE 18+50N 0+25W	1	5	17	28	.3	7	3	70	1.63	33	5	ND	2	4	.2	2	2	14	.01	.036	27	6	.05	20	.01	2	.53	.01	.04	1	4.7
18+50N 1+00W	1	2	12	15	.2	3	1	25	.47	5	5	ND	4	4	.2	2	2	6	.01	.031	27	4	.03	18	.01	3	.41	.01	.03	1	6.2
18+50N 0+75W	1	20	34	53	.5	14	7	268	3.17	50	5	ND	3	5	.2	2	2	13	.01	.043	28	13	.14	28	.01	2	.79	.01	.05	1	8.8
18+50N 0+50W	1	5	15	27	.5	2	1	40	1.04	16	5	ND	1	4	.2	2	2	11	.01	.032	23	5	.03	17	.01	2	.45	.01	.03	1	16.7
18+50N 0+25W	1	8	16	28	.4	6	3	69	1.61	32	5	ND	2	4	.2	2	2	13	.01	.036	26	6	.05	19	.01	2	.53	.01	.04	1	4.4
18+50N 0+00	1	10	11	24	.2	8	2	70	.79	6	5	ND	1	4	.2	2	2	11	.02	.027	25	8	.05	37	.01	2	.34	.01	.02	1	3.5
17+00N 10+00W	1	26	86	106	.2	22	8	370	2.93	27	5	ND	3	20	.3	3	2	18	.15	.091	28	7	.10	65	.01	2	.57	.01	.05	1	5.5
17+00N 9+75W	2	30	74	83	.7	22	7	285	1.94	24	5	ND	1	32	.4	3	3	17	.27	.124	29	7	.11	65	.01	4	.49	.01	.05	1	11.5
17+00N 9+50W	1	31	49	105	.3	25	12	1217	2.89	16	5	ND	1	21	.3	2	2	19	.20	.080	25	9	.13	63	.01	2	.56	.01	.06	1	9.9
17+00N 9+25W	1	43	55	106	.9	35	19	1474	3.91	14	5	ND	1	31	.4	2	2	14	.34	.148	17	11	.22	72	.01	2	.98	.01	.09	1	15.0
17+00N 9+00W	1	49	35	115	1.7	62	59	1204	5.72	10	5	ND	2	30	1.7	2	2	10	.37	.182	13	12	.18	141	.01	2	1.16	.01	.07	1	4.9
17+00N 8+75W	1	13	16	52	.1	11	7	750	1.46	5	5	ND	1	14	.2	2	2	11	.11	.040	31	4	.05	52	.01	2	.27	.01	.04	1	13.5
17+00N 8+50W	1	14	8	46	.1	10	4	292	1.14	3	5	ND	4	9	.2	2	2	8	.09	.026	37	3	.03	31	.01	2	.27	.01	.03	1	7.7
17+00N 8+25W	1	27	37	94	.1	23	11	823	2.96	22	5	ND	1	14	.2	2	2	9	.13	.083	28	6	.08	61	.01	2	.47	.01	.07	1	2.8
17+00N 8+00W	1	47	32	139	.1	58	24	2332	6.13	13	5	ND	2	9	.3	2	2	9	.05	.101	13	4	.07	176	.01	2	.46	.01	.06	1	18.0
17+00N 7+75W	1	21	51	128	.1	22	17	4522	3.03	8	5	ND	1	20	.3	2	2	12	.22	.110	17	11	.12	251	.01	4	.81	.01	.09	1	4.7
17+00N 7+50W	1	21	48	73	.1	19	15	1261	3.02	7	5	ND	1	9	.2	2	2	16	.04	.049	27	11	.07	72	.01	2	.70	.01	.06	1	3.3
17+00N 7+25W	1	23	39	75	.2	20	9	497	3.35	17	5	ND	2	7	.2	2	2	20	.08	.058	28	8	.05	30	.02	2	.38	.01	.04	1	1.2
17+00N 6+50W	1	17	31	99	.3	20	13	1351	3.00	34	5	ND	4	14	.2	2	2	9	.11	.091	23	9	.14	68	.01	3	.94	.01	.08	1	1.1
17+00N 6+25W	1	13	15	48	.1	11	6	673	1.87	20	5	ND	3	5	.2	2	2	15	.03	.022	35	5	.04	44	.01	2	.33	.01	.03	3	13.3
17+00N 6+00W	1	11	46	77	.1	12	8	348	2.52	8	5	ND	1	9	.2	2	2	15	.05	.065	22	10	.10	43	.01	2	.77	.01	.05	10	1.5
17+00N 5+75W	1	11	17	49	.1	11	5	190	1.98	10	5	ND	1	5	.2	2	2	18	.02	.023	33	6	.03	23	.01	2	.36	.01	.04	2	20.9
17+00N 5+50W	1	13	20	63	.1	13	6	227	3.11	8	5	ND	1	10	.2	2	2	19	.09	.033	26	10	.09	51	.02	2	.59	.01	.05	1	5.0
17+00N 5+25W	1	34	14	92	.1	19	9	485	3.61	2	5	ND	3	6	.2	2	2	13	.04	.087	38	12	.18	29	.01	2	.73	.01	.05	1	6.8
17+00N 5+00W	1	15	36	63	.1	9	3	69	1.94	33	5	ND	9	14	.2	2	2	8	.13	.016	37	4	.05	25	.01	2	.30	.01	.03	1	1.8
17+00N 4+75W	1	44	218	218	.9	100	32	3861	5.31	42	5	ND	2	45	2.1	2	2	14	.45	.132	18	13	.18	160	.01	5	1.18	.01	.11	1	10.9
17+00N 4+50W	1	23	168	167	.1	39	28	2242	6.18	40	5	ND	1	20	.8	2	2	16	.14	.077	20	9	.08	76	.01	2	.71	.01	.06	1	1.8
17+00N 4+25W	1	24	206	211	.7	53	40	3250	6.56	40	5	ND	1	14	1.1	2	2	12	.10	.105	17	9	.07	106	.01	2	.77	.01	.07	1	1.5
17+00N 4+00W	1	34	307	392	.1	138	80	6227	11.67	65	5	ND	1	18	2.6	2	2	8	.17	.106	14	8	.08	113	.01	3	.76	.01	.07	1	5.4
17+00N 3+75W	1	36	193	328	.5	131	76	5824	9.48	52	5	ND	2	24	3.0	3	2	7	.25	.106	13	9	.11	138	.01	2	.64	.01	.06	1	.8
17+00N 3+50W	1	29	245	247	.3	51	65	5179	9.07	55	5	ND	1	11	1.2	2	2	11	.11	.125	12	8	.05	130	.01	4	.62	.01	.08	1	1.4
17+00N 3+25W	1	24	345	212	.3	54	27	3284	4.82	29	5	ND	1	16	1.9	2	2	12	.14	.143	14	9	.10	99	.01	2	.82	.01	.08	1	1.5
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	19	61	38	135	7.2	75	32	1086	4.05	42	17	8	39	53	18.8	16	21	59	.50	.092	41	56	.92	182	.10	32	1.91	.07	.16	13	47.7

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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
17+00N 3+00W	1	17	158	132	.2	27	25	2136	4.54	26	5	ND	1	10	.4	2	2	15	.09	.085	16	8	.08	71	.01	2	.46	.01	.06	1	14.7
17+00N 2+75W	1	18	175	139	.2	37	22	2110	3.87	23	5	ND	1	15	.3	2	2	15	.15	.064	20	8	.10	69	.01	2	.43	.01	.05	1	7.9
RE 17+00N 1+50W	1	8	42	50	.1	8	5	131	2.41	29	5	ND	4	5	.2	2	2	12	.02	.025	29	8	.06	38	.01	2	.48	.01	.05	2	13.4
17+00N 2+50W	1	24	683	263	.4	62	26	4103	3.97	29	5	ND	1	30	1.8	2	2	12	.35	.149	13	11	.16	94	.01	2	.76	.01	.08	1	5.7
17+00N 2+25W	1	25	992	337	1.0	116	19	1895	3.30	13	5	ND	1	29	3.4	2	2	10	.35	.137	16	12	.20	72	.01	2	1.11	.01	.08	1	12.9
17+00N 2+00W	1	12	247	132	.1	20	8	398	2.73	8	5	ND	2	14	.3	2	2	15	.14	.039	21	13	.11	74	.01	2	.69	.01	.06	1	3.7
17+00N 1+75W	1	13	335	190	.1	35	14	351	3.34	11	5	ND	10	10	.2	2	2	16	.08	.026	31	16	.17	78	.01	2	1.01	.01	.07	1	5.1
17+00N 1+50W	1	9	43	57	.1	7	5	113	2.35	26	5	ND	3	5	.2	2	2	12	.02	.024	29	10	.06	37	.01	2	.53	.01	.04	1	13.5
17+00N 1+25W	1	17	45	185	.1	61	18	2080	4.34	16	5	ND	1	9	.5	2	2	12	.06	.088	17	13	.12	83	.01	2	.86	.01	.07	1	6.1
17+00N 1+00W	1	16	36	76	.3	15	7	185	2.97	15	5	ND	1	5	.2	2	2	16	.01	.054	26	15	.07	34	.01	2	.64	.01	.05	1	8.4
17+00N 0+75W	1	13	27	53	.1	12	6	118	3.16	7	5	ND	2	5	.2	2	4	15	.02	.038	28	14	.06	24	.01	3	.53	.01	.04	2	6.9
17+00N 0+50W	3	38	45	157	.9	62	15	360	4.60	22	5	ND	2	8	.8	2	2	11	.05	.082	15	20	.15	74	.01	2	1.27	.01	.08	1	8.9
17+00N 0+25W	1	10	25	48	.3	10	12	1079	2.43	15	5	ND	2	7	.2	2	2	14	.02	.060	29	13	.08	78	.01	3	.47	.01	.06	1	6.2
12+00N 9+50W	2	64	85	71	.1	24	12	1693	7.04	18	5	ND	2	5	.2	2	3	24	.01	.153	27	33	.20	45	.01	2	1.23	.01	.05	3	10.3
12+00N 9+25W	2	16	31	55	.2	32	10	214	3.77	33	5	ND	1	6	.2	2	2	39	.02	.070	30	75	.23	26	.02	2	.87	.01	.03	3	4.0
12+00N 9+00W	2	36	50	105	.1	32	17	917	5.57	6	5	ND	1	10	.2	2	2	29	.05	.082	23	25	.20	169	.03	2	1.13	.01	.05	1	8.5
12+00N 8+75W	2	20	44	91	.1	18	8	446	3.56	11	5	ND	1	5	.2	2	2	18	.01	.108	29	15	.06	41	.01	2	.49	.01	.05	2	5.6
12+00N 8+50W	2	13	38	78	.2	15	12	1755	3.25	6	5	ND	1	9	.3	2	2	22	.03	.141	25	21	.10	43	.01	2	.65	.01	.06	1	6.7
11+75N 9+50W	6	54	42	115	.4	78	18	735	6.77	91	5	ND	1	6	.2	2	2	59	.02	.127	16	168	.52	30	.01	3	1.37	.01	.04	17	3.2
11+75N 9+25W	3	28	49	85	.2	28	14	1703	3.91	37	5	ND	2	6	.2	3	2	22	.01	.080	46	16	.07	43	.01	2	.76	.01	.04	19	20.8
11+75N 9+00W	3	16	46	50	.1	11	6	153	2.92	16	5	ND	3	6	.2	2	2	21	.01	.075	35	11	.04	27	.01	2	.63	.01	.04	5	18.9
11+75N 8+75W	8	46	55	200	.2	41	10	377	3.50	37	5	ND	1	13	.2	2	2	26	.09	.198	27	17	.07	46	.01	2	.56	.01	.05	1	7.5
11+75N 8+50W	2	31	58	97	.1	25	16	603	3.46	10	5	ND	3	7	.3	2	2	10	.01	.063	34	13	.12	40	.01	2	.70	.01	.06	1	5.3
8+00N 13+00W	11	12	35	94	.1	17	12	435	3.22	6	8	ND	2	9	.2	2	2	22	.03	.102	25	24	.25	83	.01	2	1.49	.01	.10	1	5.9
8+00N 12+75W	5	25	56	92	.1	22	9	272	3.15	11	5	ND	1	10	.2	2	2	19	.02	.064	31	15	.12	60	.01	2	.69	.01	.08	1	4.5
8+00N 12+50W	6	20	66	92	.1	24	9	247	3.81	12	5	ND	2	11	.2	2	2	21	.02	.076	33	18	.14	64	.01	2	.89	.01	.11	1	12.5
8+00N 12+25W	6	18	68	68	.5	16	8	251	2.94	7	5	ND	1	10	.2	2	2	18	.01	.062	28	19	.14	75	.01	2	.95	.01	.09	2	20.3
8+00N 12+00W	4	13	58	52	.1	13	6	277	3.41	12	5	ND	1	8	.2	2	2	18	.02	.080	29	16	.08	42	.01	2	.62	.01	.06	2	6.8
8+00N 11+75W	4	21	62	66	.1	16	9	448	4.55	15	5	ND	1	8	.2	2	2	20	.01	.080	30	18	.09	39	.01	2	.68	.01	.07	1	9.2
8+00N 11+50W	3	14	78	55	.3	12	12	1943	2.22	9	6	ND	2	8	.3	2	2	13	.02	.075	24	13	.08	50	.01	2	.77	.01	.08	1	15.4
8+00N 11+25W	3	17	66	63	.1	12	6	130	3.80	13	5	ND	3	8	.2	2	2	21	.01	.070	34	12	.07	33	.01	2	.66	.01	.05	1	26.8
8+00N 11+00W	5	14	79	68	.1	15	7	353	2.98	14	6	ND	2	10	.3	2	2	18	.02	.056	36	12	.06	43	.01	2	.60	.01	.06	1	23.5
8+00N 10+75W	2	10	46	58	.4	11	6	270	2.45	11	5	ND	1	9	.2	2	2	16	.03	.161	14	12	.09	30	.01	2	.66	.01	.07	8	2.4
8+00N 10+50W	2	20	129	100	.1	19	27	2388	4.53	23	5	ND	1	11	.4	2	3	16	.05	.137	19	16	.15	53	.01	2	.75	.01	.06	1	13.7
7+75N 13+00W	3	12	50	76	.3	18	8	241	3.01	9	5	ND	2	9	.2	2	4	14	.03	.064	31	18	.18	53	.01	4	.81	.01	.08	1	11.5
7+75N 12+75W	4	14	63	72	.1	18	9	346	2.89	11	5	ND	1	11	.3	2	3	20	.03	.065	31	17	.12	70	.01	2	.86	.01	.10	1	11.6
7+75N 12+50W	6	25	106	96	.1	24	18	704	4.16	17	5	ND	3	13	.2	2	2	26	.02	.079	28	26	.18	122	.01	2	1.52	.01	.16	1	9.4
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.3
STANDARD C/AU-S	20	58	42	139	7.4	71	32	1095	4.00	41	20	7	40	52	19.0	15	21	61	.49	.092	40	59	.90	178	.09	32	1.90	.06	.15	11	48.2

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Guinet Management PROJECT ASTER FILE # 91-5405R

ACME ANALYTICAL

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
7+75N 12+25W	3	24	70	61	.3	15	7	303	2.68	12	5	ND	1	9	.3	2	2	19	.02	.053	24	13	.09	61	.01	2	1.04	.01	.08	1	19.0
7+75N 12+00W	5	30	69	87	.2	23	9	310	3.48	19	5	ND	3	10	.2	2	2	18	.01	.052	34	13	.11	63	.01	2	.92	.01	.09	1	9.7
7+75N 11+75W	4	25	65	70	.1	19	7	245	3.77	20	5	ND	3	10	.2	2	2	15	.01	.076	36	13	.11	46	.01	2	.74	.01	.09	1	40.0
7+75N 11+50W	4	21	84	67	.1	14	6	228	2.97	15	5	ND	3	11	.2	2	2	11	.01	.056	38	7	.06	39	.01	2	.55	.01	.06	1	8.5
7+75N 11+25W	4	26	80	73	.1	18	6	247	3.54	19	5	ND	4	11	.2	2	2	14	.01	.048	39	8	.06	42	.01	3	.65	.01	.07	1	17.1
7+75N 11+00W	2	20	77	71	.2	16	15	1589	4.22	24	5	ND	1	10	.2	2	2	17	.02	.113	28	14	.10	60	.01	3	1.06	.01	.10	1	6.5
7+75N 10+75W	2	14	60	51	.1	12	6	422	3.01	18	5	ND	1	10	.2	2	2	21	.02	.089	29	13	.12	52	.01	2	.92	.01	.09	1	39.7
7+75N 10+50W	5	19	72	74	.1	19	13	568	3.90	22	5	ND	1	10	.2	2	2	20	.02	.066	25	13	.09	56	.01	4	.91	.01	.09	3	21.9
7+50N 13+00W	5	25	65	75	.1	21	7	168	3.80	21	5	ND	2	12	.2	2	2	17	.01	.064	30	13	.12	62	.01	3	.80	.01	.09	2	19.8
7+50N 12+75W	1	9	45	22	.1	4	2	56	1.50	8	5	ND	1	8	.2	2	2	15	.01	.043	33	7	.05	44	.01	2	.63	.01	.06	1	4.6
7+50N 12+50W	3	21	73	83	.4	22	9	432	3.07	15	5	ND	2	12	.2	2	2	18	.03	.062	26	19	.19	70	.01	3	1.10	.01	.09	1	31.2
7+50N 12+25W	3	16	62	46	.2	10	4	206	2.83	11	5	ND	1	11	.2	2	2	19	.02	.069	30	11	.08	62	.01	2	.84	.01	.08	1	13.5
7+50N 12+00W	3	17	62	41	.2	9	4	223	3.25	12	5	ND	1	10	.3	2	2	21	.03	.079	29	10	.06	42	.01	2	.74	.01	.07	1	6.4
7+50N 11+75W	4	18	58	56	.2	14	5	243	4.51	16	5	ND	2	8	.2	2	2	17	.01	.070	30	12	.08	42	.01	2	.75	.01	.07	1	2.7
7+50N 11+50W	3	14	56	39	.1	8	3	188	3.00	17	5	ND	1	9	.2	2	2	20	.01	.066	36	8	.04	36	.01	2	.55	.01	.06	1	14.0
7+50N 11+25W	6	21	85	66	.1	15	5	237	3.64	20	5	ND	3	11	.2	2	2	15	.01	.101	36	7	.05	45	.01	4	.59	.01	.07	1	11.2
7+50N 11+00W	3	20	50	86	.1	19	8	447	3.69	17	5	ND	1	12	.2	2	2	17	.04	.091	26	12	.09	68	.01	2	.96	.01	.10	1	80.0
RE 7+00N 12+00W	5	17	54	53	.1	14	4	124	3.67	15	5	ND	2	10	.2	2	2	22	.01	.055	29	12	.09	51	.01	2	.79	.01	.06	1	9.6
7+00N 13+00W	5	19	61	56	.1	13	4	99	4.05	22	5	ND	1	9	.2	2	2	25	.02	.050	34	16	.11	43	.01	2	1.09	.01	.05	1	13.5
7+00N 12+75W	6	17	60	41	.3	11	3	89	3.78	20	5	ND	1	9	.2	2	2	20	.01	.108	29	13	.08	39	.01	3	.62	.01	.05	3	29.4
7+00N 12+50W	6	18	66	49	.2	13	4	186	3.97	21	5	ND	1	14	.2	2	2	22	.02	.125	28	15	.11	53	.01	2	.85	.01	.08	1	100.0
7+00N 12+25W	6	34	88	89	.1	24	10	462	4.07	23	5	ND	3	11	.2	2	2	16	.01	.078	39	12	.10	43	.01	2	.67	.01	.06	3	70.0
7+00N 12+00W	5	17	56	52	.1	14	4	122	3.67	13	5	ND	2	10	.2	2	2	22	.01	.056	28	11	.09	51	.01	2	.79	.01	.06	1	8.3
7+00N 11+75W	3	13	74	60	.1	13	14	1720	2.64	13	5	ND	1	12	.2	2	2	18	.05	.081	25	8	.09	68	.01	3	.71	.01	.09	1	11.9
7+00N 11+50W	4	19	46	67	.1	17	5	189	3.39	17	5	ND	2	10	.2	2	2	17	.02	.068	34	10	.09	48	.01	3	.63	.01	.07	1	18.1
7+00N 11+25W	2	11	51	41	.3	9	4	193	1.84	9	5	ND	1	10	.2	2	2	18	.03	.050	31	8	.06	51	.01	2	.70	.01	.07	1	3.2
7+00N 11+00W	2	10	60	37	.4	9	3	55	1.27	5	5	ND	1	9	.2	2	2	13	.02	.052	28	10	.09	58	.01	2	.78	.01	.08	2	13.1
6+50N 13+00W	5	15	59	38	.2	10	3	98	3.30	20	5	ND	1	12	.2	2	2	19	.01	.070	32	12	.07	42	.01	2	.62	.01	.05	2	5.4
6+50N 12+75W	3	25	50	78	.5	25	12	694	3.99	22	5	ND	1	10	.2	2	2	17	.04	.150	24	23	.23	45	.01	2	.97	.01	.05	1	5.8
6+50N 12+50W	4	30	103	133	.2	28	19	1178	5.25	39	5	ND	1	12	.7	2	2	21	.02	.129	27	17	.12	75	.01	2	1.10	.01	.09	5	12.0
6+50N 12+25W	2	20	78	79	.4	16	16	1104	2.93	26	5	ND	1	12	.5	2	2	19	.02	.102	27	12	.12	92	.01	2	1.34	.01	.11	1	5.7
6+50N 12+00W	5	17	59	64	.1	14	5	201	3.21	16	5	ND	1	11	.2	2	2	22	.01	.083	33	10	.08	46	.01	2	.65	.01	.07	1	19.9
6+50N 11+75W	5	18	55	65	.2	16	6	297	3.04	18	5	ND	1	10	.2	2	2	19	.01	.064	28	11	.08	52	.01	2	.78	.01	.07	1	21.0
6+50N 11+50W	4	20	72	85	.1	20	10	865	3.50	23	5	ND	1	14	.3	2	2	21	.04	.081	28	11	.10	67	.01	2	.88	.01	.10	1	23.5
6+50N 11+25W	2	8	46	39	.1	8	4	381	1.87	11	5	ND	1	10	.2	2	2	18	.03	.065	31	8	.06	44	.01	4	.57	.01	.07	1	6.5
6+50N 11+00W	2	11	45	49	.1	11	4	332	2.04	12	5	ND	1	11	.2	2	2	17	.03	.061	31	7	.05	51	.01	2	.57	.01	.06	1	14.1
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.3
STANDARD C/AU-S	18	58	39	125	7.0	67	33	1024	4.01	41	15	7	38	52	18.6	15	21	56	.47	.085	39	57	.86	173	.09	34	1.92	.06	.14	11	52.5

Sample type: . Samples beginning 'RE' are duplicate samples.

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
6+00N 13+00W	4	15	55	41	.1	12	5	96	3.72	14	5	ND	3	12	.2	2	2	20	.01	.109	29	13	.08	56	.01	2	.66	.01	.07	1	11.2
6+00N 12+75W	7	27	78	83	.1	21	8	183	5.32	21	5	ND	3	14	.4	2	2	29	.02	.116	29	15	.10	56	.01	2	.84	.01	.10	1	10.1
6+00N 12+50W	4	9	60	30	.3	4	4	62	3.20	10	5	ND	1	10	.2	2	2	24	.01	.131	25	11	.06	47	.01	3	.68	.01	.06	1	14.2
6+00N 12+25W	4	22	48	104	.1	28	12	870	4.66	46	5	ND	5	7	.4	2	3	12	.01	.078	35	13	.12	49	.01	5	.97	.01	.08	1	4.3
6+00N 12+00W	2	10	35	28	.4	1	2	51	1.31	3	5	ND	3	9	.2	2	2	12	.03	.037	31	9	.04	41	.01	2	.55	.01	.06	1	31.3
6+00N 11+75W	3	10	41	39	.1	6	4	51	2.24	7	5	ND	3	9	.2	2	2	17	.02	.045	35	12	.08	68	.01	2	.82	.01	.09	1	41.3
6+00N 11+50W	2	6	34	23	.3	6	2	31	1.75	10	5	ND	3	8	.2	2	2	18	.01	.054	32	8	.03	33	.01	2	.41	.01	.05	1	14.7
6+00N 11+25W	3	14	36	59	.1	15	5	125	2.13	10	5	ND	3	10	.2	2	2	8	.02	.050	35	9	.07	48	.01	2	.42	.01	.06	1	18.6
6+00N 11+00W	3	27	59	93	.1	23	10	350	3.63	18	5	ND	3	11	.2	2	2	20	.02	.059	32	14	.07	70	.01	3	.84	.01	.09	1	9.3
5+50N 13+00W	4	25	65	83	.1	23	8	182	3.80	17	5	ND	3	12	.2	2	2	19	.01	.109	34	16	.09	80	.01	6	.83	.01	.10	1	19.9
5+50N 12+75W	4	24	65	109	.2	27	11	292	4.78	22	5	ND	4	11	.2	2	2	19	.01	.096	32	22	.13	57	.01	3	.97	.01	.08	2	280.0
5+50N 12+50W	6	21	64	77	.3	19	7	156	3.80	17	5	ND	3	15	.2	2	2	23	.02	.087	30	15	.09	57	.01	3	.75	.01	.09	1	25.0
5+50N 12+25W	4	25	75	92	.1	21	8	150	4.34	18	5	ND	4	12	.2	2	2	22	.02	.092	34	14	.09	58	.01	2	.80	.01	.07	1	20.6
5+50N 12+00W	1	4	72	42	2.3	8	3	44	2.05	2	5	ND	2	12	.2	2	2	16	.03	.053	35	17	.13	60	.01	3	.90	.01	.08	1	10.6
RE 3+50N 7+75W	7	66	81	156	.6	96	15	48	2.82	10	5	ND	6	18	3.0	2	2	15	.13	.033	14	13	.18	61	.01	2	.92	.01	.06	1	15.4
5+50N 11+75W	5	21	69	76	.2	15	8	144	5.01	12	5	ND	3	12	.3	2	4	29	.02	.071	32	16	.09	48	.01	3	.91	.01	.07	1	10.0
5+50N 11+50W	3	8	47	40	.1	6	4	130	2.23	10	5	ND	3	12	.3	2	3	18	.02	.145	36	11	.05	45	.01	2	.48	.01	.08	1	25.5
5+50N 11+25W	3	21	52	84	.1	19	10	1160	3.33	12	5	ND	3	12	.2	2	2	17	.02	.088	35	12	.06	59	.01	3	.70	.01	.08	1	26.7
5+50N 11+00W	3	8	38	48	.1	10	5	92	1.81	7	5	ND	4	11	.2	2	2	13	.01	.036	42	10	.07	61	.01	2	.59	.01	.08	1	13.5
3+50N 7+75W	7	62	81	151	.7	90	15	47	2.67	12	5	ND	6	17	2.6	3	2	14	.12	.031	14	13	.16	73	.01	2	.86	.01	.05	1	16.8
3+50N 7+50W	2	20	59	63	1.2	21	8	103	2.83	3	5	ND	4	11	.6	2	2	29	.06	.028	25	27	.28	48	.05	2	1.43	.01	.05	1	130.0
3+50N 7+25W	1	20	44	51	.1	15	7	89	3.13	21	5	ND	10	8	.2	2	2	9	.01	.022	42	10	.10	55	.01	2	.82	.01	.08	1	30.7
3+50N 7+00W	2	18	88	61	.1	13	5	112	2.45	2	5	ND	2	9	.2	2	2	41	.03	.039	26	18	.05	29	.06	2	.88	.01	.04	1	180.0
3+50N 6+75W	2	7	47	47	.1	7	4	61	2.09	7	5	ND	3	7	.2	2	2	25	.01	.035	31	8	.03	31	.01	3	.63	.01	.04	1	5.5
3+50N 6+50W	1	5	43	44	.1	3	3	49	1.51	2	5	ND	1	8	.2	2	3	26	.03	.070	20	13	.06	37	.01	2	.80	.01	.07	1	3.3
3+50N 6+25W	2	15	47	43	.1	9	5	77	2.51	3	5	ND	1	8	.2	2	2	28	.02	.086	23	15	.06	36	.01	2	.88	.01	.07	1	12.0
3+50N 6+00W	2	14	111	57	.1	12	6	137	2.87	9	5	ND	3	10	.2	2	2	34	.04	.050	33	21	.15	49	.03	2	1.16	.01	.09	1	6.6
3+50N 5+75W	1	14	99	49	4.3	10	5	63	1.90	2	5	ND	2	11	.2	2	2	21	.04	.051	33	19	.13	54	.02	6	1.25	.01	.08	1	5.9
3+50N 5+50W	2	25	108	50	1.1	24	10	83	1.75	5	5	ND	3	21	.4	2	2	17	.21	.077	21	16	.12	82	.01	6	1.37	.01	.04	1	34.6
3+50N 5+25W	9	28	171	69	.1	16	10	115	3.77	11	5	ND	25	8	.2	4	2	9	.01	.035	62	10	.06	46	.01	3	1.20	.01	.06	1	8.1
3+00N 8+00W	1	40	31	53	.4	26	9	48	1.05	2	5	ND	21	7	.6	2	2	10	.04	.007	39	13	.23	56	.01	2	.79	.01	.03	1	8.7
3+00N 7+75W	5	75	127	159	2.1	55	15	119	2.41	4	5	ND	5	16	1.0	2	2	28	.09	.023	33	25	.33	96	.02	6	1.74	.01	.09	1	22.8
3+00N 7+50W	1	12	30	36	.5	9	4	66	1.50	2	5	ND	3	6	.3	2	2	13	.02	.032	39	9	.05	30	.01	2	.72	.01	.04	1	5.9
3+00N 7+25W	3	19	63	74	.4	18	8	263	4.95	5	5	ND	7	9	.2	2	2	51	.05	.047	31	30	.14	31	.10	6	1.03	.01	.05	1	6.8
3+00N 7+00W	1	4	22	20	.2	3	2	31	.65	4	5	ND	3	6	.2	2	2	13	.02	.021	38	6	.03	26	.01	4	.43	.01	.04	1	6.7
3+00N 6+75W	1	5	24	50	.1	10	5	215	1.89	6	5	ND	3	6	.2	2	2	18	.01	.044	32	9	.04	32	.01	2	.63	.01	.06	1	17.5
3+00N 6+50W	2	10	174	49	.1	9	5	105	2.18	8	5	ND	3	10	.2	2	2	26	.02	.064	35	11	.05	35	.01	2	.71	.01	.07	1	500.0
3+00N 6+25W	2	9	30	44	.1	7	5	97	2.29	11	5	ND	4	6	.2	2	2	28	.01	.050	36	8	.04	32	.01	2	.52	.01	.05	1	17.1
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.3
STANDARD C/AU-S	18	60	44	137	7.3	74	33	1147	4.04	39	19	7	40	54	17.3	15	22	60	.50	.094	39	61	.92	181	.10	34	1.92	.07	.17	13	46.3

Sample type: . Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

ACME ANALYTICAL

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
3+00N 6+00W	3	20	45	57	.1	13	5	183	3.16	14	5	ND	1	7	.2	2	2	24	.02	.056	27	10	.06	31	.01	2	.66	.01	.06	1	3.1
3+00N 5+75W	8	59	87	343	1.5	166	151	2256	3.64	21	32	ND	4	55	3.7	2	2	23	.34	.107	23	27	.24	160	.01	2	2.98	.02	.08	17	6.8
3+00N 5+50W	3	3	30	35	.1	5	4	451	.98	2	5	ND	1	12	.2	2	2	16	.07	.046	29	5	.05	54	.01	2	.52	.01	.08	1	12.1
3+00N 5+25W	5	10	87	58	.3	10	14	1162	2.96	5	5	ND	1	9	.2	2	2	17	.03	.072	25	10	.07	54	.01	4	.87	.01	.07	1	20.5
2+50N 8+00W	1	7	4	15	.1	3	1	35	.72	2	5	ND	4	4	.2	2	2	6	.01	.036	57	3	.03	19	.01	2	.43	.01	.04	1	.3
2+50N 7+75W	1	8	11	22	.1	4	1	41	.78	3	5	ND	1	7	.2	2	2	11	.01	.026	35	3	.02	24	.01	4	.51	.01	.03	1	8.0
2+50N 7+25W	1	5	56	30	.1	4	2	75	.67	2	5	ND	2	5	.2	2	2	8	.01	.034	49	3	.02	19	.01	2	.46	.01	.04	1	7.3
2+50N 7+00W	4	5	18	14	.1	3	1	11	.48	2	5	ND	6	10	.2	2	2	8	.01	.021	32	2	.01	23	.01	2	.38	.01	.02	1	1.9
2+50N 6+75W	2	20	19	84	.1	21	8	182	4.13	7	5	ND	1	16	.2	2	2	26	.02	.098	12	27	.25	30	.01	2	1.26	.01	.03	1	12.0
2+50N 6+50W	4	27	73	76	.1	21	7	165	4.48	16	5	ND	2	8	.2	2	2	18	.01	.100	31	12	.12	37	.01	2	.75	.01	.07	1	8.6
2+50N 6+25W	3	14	67	137	.5	31	7	146	2.54	10	5	ND	2	12	.2	2	2	16	.05	.035	32	12	.19	76	.01	2	1.23	.01	.07	1	6.9
2+50N 6+00W	2	72	59	118	.4	105	56	114	4.21	219	9	ND	1	11	1.9	3	2	14	.06	.025	20	19	.15	36	.01	2	1.27	.01	.05	1	23.1
2+50N 5+75W	1	16	31	48	.1	13	9	133	2.77	3	5	ND	10	3	.2	2	2	7	.01	.021	63	8	.14	37	.01	2	.91	.01	.03	1	1.4
2+50N 5+50W	3	3	63	28	.1	4	1	46	2.67	11	5	ND	1	7	.2	2	2	25	.01	.043	34	7	.03	32	.01	2	.67	.01	.04	1	5.9
2+50N 5+25W	6	14	102	49	.1	12	6	352	2.58	14	5	ND	1	11	.2	2	2	28	.02	.050	28	10	.06	39	.02	2	.74	.01	.07	1	14.1
2+00N 8+00W	1	8	15	47	.2	12	4	182	2.29	3	5	ND	1	8	.2	2	2	32	.03	.049	29	14	.13	30	.03	3	.85	.01	.05	1	1.6
2+00N 7+75W	6	24	93	63	.1	16	5	142	5.29	17	5	ND	2	10	.2	2	2	19	.01	.103	28	12	.08	68	.01	2	.89	.01	.07	1	12.7
2+00N 7+50W	1	4	7	18	.2	2	1	16	.37	2	5	ND	6	8	.2	2	2	6	.01	.017	39	2	.02	21	.01	2	.51	.01	.02	1	23.3
2+00N 7+25W	6	9	71	42	.1	9	3	72	1.37	5	5	ND	1	17	.2	2	2	23	.02	.036	32	7	.03	29	.03	2	.44	.01	.03	1	2.0
2+00N 7+00W	1	6	16	29	.1	3	1	26	.52	2	5	ND	1	6	.2	2	2	7	.02	.031	27	3	.03	21	.01	2	.41	.01	.03	1	7.4
2+00N 6+75W	2	4	66	25	1.7	5	1	17	1.02	11	5	ND	1	8	.4	2	2	12	.01	.043	25	5	.04	33	.01	2	.55	.01	.05	3	24.9
RE 2+00N 7+50W	1	3	7	18	.2	2	1	15	.33	2	5	ND	6	8	.2	2	2	6	.01	.017	39	2	.02	22	.01	2	.51	.01	.02	1	18.6
2+00N 6+50W	4	13	47	52	.4	10	4	111	1.55	4	5	ND	1	9	.5	2	2	20	.03	.066	20	10	.07	32	.01	2	.76	.01	.07	1	9.3
2+00N 6+25W	7	31	85	80	.3	22	8	251	3.66	22	5	ND	5	13	.2	2	2	15	.01	.049	33	11	.12	55	.01	2	.90	.01	.07	1	20.9
2+00N 6+00W	11	41	89	189	1.4	52	15	44	.85	23	5	ND	1	16	1.4	3	2	19	.05	.045	26	13	.16	67	.01	3	1.13	.01	.07	1	30.3
2+00N 5+75W	1	5	14	20	.1	4	1	31	.72	4	5	ND	2	5	.2	2	2	13	.01	.032	30	4	.02	20	.01	2	.54	.01	.03	1	3.3
2+00N 5+50W	2	5	63	32	.2	7	2	43	1.48	3	5	ND	1	9	.2	2	2	14	.02	.039	25	6	.05	34	.01	3	.67	.01	.06	1	5.4
2+00N 5+25W	6	11	69	44	.1	11	3	62	2.31	17	5	ND	2	9	.2	2	2	20	.01	.033	34	6	.04	31	.01	2	.55	.01	.05	1	15.8
1+50N 8+00W	2	7	34	26	.1	6	2	63	1.57	6	5	ND	1	8	.2	2	2	21	.01	.042	30	8	.04	36	.01	2	.79	.01	.05	1	6.0
1+50N 7+50W	10	17	40	46	.1	10	3	80	4.98	16	5	ND	1	6	.2	2	2	24	.01	.086	32	8	.03	33	.01	2	.61	.01	.05	1	29.1
1+50N 7+25W	14	6	91	36	.4	6	1	21	1.00	2	5	ND	1	13	.3	2	2	15	.01	.039	37	6	.03	31	.01	2	.54	.01	.04	1	16.2
1+50N 7+00W	9	35	94	92	.2	24	6	143	4.39	23	5	ND	2	14	.2	2	2	17	.01	.074	28	13	.11	69	.01	2	.88	.01	.08	1	16.6
1+50N 6+75W	1	4	26	29	.1	5	1	29	.97	2	5	ND	1	5	.2	2	2	16	.01	.045	19	7	.03	21	.01	2	.64	.01	.04	1	8.1
1+50N 6+50W	2	6	16	44	.1	8	2	88	1.23	3	5	ND	1	7	.2	2	2	22	.02	.037	27	7	.03	26	.01	2	.47	.01	.04	4	7.7
1+50N 6+25W	5	15	45	55	.1	15	5	128	3.58	11	5	ND	1	9	.2	2	2	21	.02	.072	28	12	.08	33	.01	2	.86	.01	.05	2	2.4
1+50N 6+00W	5	30	98	247	1.2	79	13	193	3.26	21	5	ND	7	12	1.0	2	2	16	.04	.069	30	16	.15	68	.01	2	2.36	.01	.06	1	11.8
1+50N 5+75W	9	108	77	458	2.4	262	160	4361	4.57	24	5	ND	9	12	2.0	2	2	19	.06	.154	18	35	.21	62	.03	3	4.38	.01	.06	1	20.4
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	19	58	42	134	6.8	75	32	1090	4.05	42	18	7	39	53	18.8	16	22	60	.50	.093	39	58	.93	181	.10	31	1.92	.07	.16	11	45.6

Sample type: . Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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
1+50N 5+50W	5	9	45	31	.1	3	6	182	2.12	13	5	ND	1	8	.2	2	3	16	.01	.043	27	8	.05	35	.01	2	.63	.01	.04	1	17.2
1+50N 5+25W	3	7	54	22	.1	1	2	13	1.87	8	5	ND	5	6	.2	2	6	15	.01	.025	33	6	.03	29	.01	2	.79	.01	.02	1	4.3
1+00N 8+00W	1	3	10	23	.1	5	4	117	.42	6	5	ND	2	5	.2	2	2	4	.01	.029	34	3	.01	17	.01	5	.26	.01	.02	1	1.1
1+00N 7+75W	6	16	74	39	.1	8	6	128	1.95	19	5	ND	3	13	.2	2	2	18	.01	.027	30	12	.10	55	.01	3	.77	.01	.07	1	2.1
1+00N 7+50W	5	4	16	32	.1	1	1	13	.64	5	5	ND	3	6	.2	2	2	10	.02	.038	37	4	.02	26	.01	2	.38	.01	.04	1	3.8
1+00N 7+25W	10	10	48	34	.4	5	3	30	1.53	8	5	ND	1	7	.2	2	2	15	.01	.053	21	9	.04	30	.01	4	.56	.01	.04	1	2.8
1+00N 7+00W	4	7	33	32	.1	4	2	38	1.27	11	5	ND	1	7	.2	2	2	18	.01	.026	27	8	.03	23	.01	2	.40	.01	.03	1	6.6
1+00N 6+75W	5	14	89	36	.5	4	3	56	1.57	8	5	ND	1	9	.2	2	3	21	.02	.070	17	17	.06	30	.01	4	.69	.01	.05	1	4.9
1+00N 6+50W	5	18	98	50	.9	9	4	80	1.99	9	5	ND	1	13	.2	2	2	29	.03	.050	25	20	.11	39	.03	2	.81	.01	.06	2	4.3
1+00N 6+25W	7	17	71	62	.4	10	5	110	1.94	19	5	ND	1	12	.2	2	2	24	.01	.049	27	12	.06	32	.02	2	.46	.01	.05	6	4.2
1+00N 6+00W	33	23	150	76	.5	14	9	279	4.46	21	5	ND	1	17	.3	2	3	31	.03	.105	24	19	.09	53	.02	2	.85	.01	.06	3	3.9
1+00N 5+75W	4	13	76	86	.5	25	8	48	1.19	6	5	ND	4	15	.3	2	2	13	.03	.022	33	14	.15	63	.01	3	.87	.01	.04	1	3.1
1+00N 5+50W	11	43	258	99	.9	46	30	73	1.03	7	5	ND	8	9	.5	2	3	9	.04	.018	25	9	.07	514	.01	3	.96	.01	.03	1	6.5
1+00N 5+25W	6	25	79	119	.2	22	33	2804	3.46	17	5	ND	1	10	.2	2	3	18	.03	.046	22	17	.09	59	.01	2	1.21	.01	.04	1	8.3
0+50N 8+00W	3	14	39	52	.1	13	6	176	2.79	12	5	ND	1	8	.2	2	4	27	.02	.062	35	12	.06	26	.02	2	.58	.01	.04	1	2.3
RE 0+50N 6+75W	11	8	55	75	.2	9	14	973	2.32	12	5	ND	1	14	.4	2	2	24	.06	.141	12	13	.08	57	.01	2	.70	.01	.07	1	6.8
0+50N 7+75W	7	12	67	44	.1	9	5	89	2.24	19	5	ND	1	13	.2	2	2	23	.01	.050	26	13	.07	48	.01	2	.66	.01	.05	1	18.6
0+50N 7+50W	51	48	162	89	.6	20	10	204	6.07	35	5	ND	3	28	.2	2	5	25	.01	.123	25	21	.14	120	.01	2	.92	.01	.08	1	77.0
0+50N 7+25W	9	19	57	62	.1	11	5	79	3.94	20	5	ND	2	12	.2	2	2	20	.01	.138	23	10	.04	42	.01	3	.46	.01	.05	1	9.0
0+50N 7+00W	7	12	53	59	.1	12	5	63	4.00	11	5	ND	2	16	.2	2	2	18	.01	.064	30	10	.05	36	.01	4	.75	.01	.04	1	7.2
0+50N 6+75W	12	12	64	80	.3	13	15	1036	2.53	13	5	ND	1	15	.2	2	2	27	.06	.150	13	16	.09	64	.01	2	.76	.01	.08	1	7.2
0+50N 6+50W	5	5	37	43	.1	6	5	166	1.17	7	5	ND	1	10	.5	2	2	16	.04	.034	27	9	.05	39	.02	3	.49	.01	.05	2	3.6
0+50N 6+25W	9	57	229	160	.7	62	14	23	1.12	30	6	ND	9	12	1.5	5	2	14	.03	.016	22	12	.10	89	.01	3	.65	.01	.06	1	55.0
0+50N 6+00W	34	65	189	522	.7	156	30	30	1.93	45	7	ND	6	23	1.2	4	2	17	.08	.012	15	11	.10	69	.01	2	.44	.01	.04	1	88.0
0+50N 5+75W	5	8	53	75	.1	14	6	66	.92	6	5	ND	6	11	.7	2	2	5	.06	.022	37	7	.08	38	.01	3	.43	.01	.03	1	5.4
0+50N 5+50W	20	19	157	166	.4	33	10	35	.99	14	7	ND	2	8	2.5	2	3	8	.07	.056	16	7	.04	33	.01	3	.42	.01	.02	1	3.4
0+50N 5+25W	17	7	134	97	.4	11	6	54	1.67	10	8	ND	1	10	1.3	2	2	16	.07	.065	16	10	.05	33	.01	3	.72	.01	.03	2	2.0
0+50N 5+00W	4	6	221	129	.6	13	21	465	2.89	9	5	ND	4	10	.2	2	2	8	.06	.052	21	8	.06	104	.01	2	.88	.01	.04	1	3.3
0+50N 4+75W	6	25	244	273	.1	36	51	9883	9.25	24	5	ND	1	12	4.4	2	5	16	.07	.178	12	14	.06	127	.01	2	1.09	.01	.07	1	28.0
0+50N 4+50W	3	10	42	81	.1	10	4	350	2.43	11	5	ND	4	7	.2	2	2	7	.01	.036	33	6	.05	27	.01	3	.45	.01	.03	1	55.0
0+50N 4+25W	3	21	48	111	.5	18	12	1102	3.10	11	5	ND	4	9	.2	2	2	15	.03	.045	27	18	.21	47	.02	4	1.05	.01	.05	1	7.2
0+50N 4+00W	3	6	42	48	.2	7	4	268	1.56	13	5	ND	1	9	.2	2	2	15	.03	.061	22	9	.05	43	.01	2	.62	.01	.07	1	3.0
0+50N 3+75W	4	21	27	77	.1	15	8	551	2.98	9	5	ND	2	7	.2	2	2	11	.01	.061	28	10	.04	42	.01	3	.63	.01	.05	1	12.9
0+50N 3+50W	2	26	70	52	.1	18	3	43	1.09	11	5	ND	1	8	.2	2	2	11	.02	.028	27	10	.07	41	.01	2	.64	.01	.04	1	11.8
0+50N 3+25W	2	6	42	44	.3	9	4	325	1.21	9	5	ND	1	9	.2	2	2	15	.02	.049	25	10	.05	44	.01	5	.59	.01	.06	1	19.3
0+50N 3+00W	5	17	106	31	.2	10	2	16	.98	4	5	ND	7	7	.2	4	2	12	.01	.011	37	6	.06	44	.01	4	.39	.01	.03	1	3.3
0+50N 2+75W	3	7	47	43	.1	7	16	1791	2.02	12	5	ND	1	7	.2	2	2	13	.02	.070	17	10	.05	54	.01	2	.63	.01	.06	1	1.5
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	20	57	41	137	7.2	76	32	1045	3.99	43	23	8	39	52	18.4	15	21	59	.49	.089	39	57	.89	169	.09	32	1.86	.06	.15	11	47.5

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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
0+50N 2+50W	3	11	71	56	.3	8	23	1669	2.56	35	5	ND	1	8	.2	2	2	12	.03	.096	14	9	.08	42	.01	5	.71	.01	.05	1	240.0
0+50N 2+25W	4	12	53	51	.1	11	4	90	1.95	10	5	ND	3	9	.2	2	2	16	.02	.028	30	11	.12	54	.01	2	.78	.01	.05	1	17.2
0+50N 2+00W	1	20	31	57	.2	34	7	52	1.23	2	5	ND	4	7	.2	2	2	8	.02	.012	27	15	.21	89	.01	3	.83	.01	.04	1	4.0
0+50N 1+75W	1	17	15	58	.2	18	9	140	2.64	6	5	ND	6	3	.2	2	2	8	.01	.023	25	14	.24	65	.01	3	.80	.01	.05	1	16.7
0+50N 1+50W	2	10	31	47	.1	13	10	611	2.30	10	5	ND	1	5	.2	2	2	11	.01	.051	19	14	.12	45	.01	4	.64	.01	.05	2	4.3
0+50N 1+25W	2	7	25	35	.4	9	9	472	1.62	5	5	ND	1	6	.2	2	2	12	.02	.063	19	16	.11	59	.01	3	.77	.01	.07	2	34.0
RE 0+50N 0+25W	2	9	20	48	.1	10	7	278	2.42	6	5	ND	2	5	.2	2	2	10	.01	.043	23	12	.15	29	.01	3	.62	.01	.04	3	8.5
0+50N 1+00W	1	8	20	45	.7	11	10	550	2.16	10	5	ND	4	5	.4	7	2	14	.01	.046	22	16	.14	48	.01	5	.69	.01	.05	3	160.0
0+50N 0+75W	2	13	23	51	.1	12	8	331	2.78	7	5	ND	1	5	.2	2	2	14	.01	.042	20	14	.11	43	.01	2	.71	.01	.05	2	30.2
0+50N 0+50W	2	11	31	43	.1	11	8	363	2.17	7	5	ND	1	7	.4	2	2	13	.02	.057	23	15	.13	54	.01	2	.80	.01	.06	2	60.0
0+50N 0+25W	2	10	21	46	.1	11	7	274	2.39	6	5	ND	3	5	.2	2	2	10	.01	.040	26	12	.15	33	.01	2	.65	.01	.05	2	10.4
0+50N 0+00	15	65	80	259	.7	30	45	684	18.90	45	5	ND	2	9	.2	2	2	13	.06	.126	11	16	.05	59	.01	11	1.40	.01	.04	1	4.7
0+00 5+00W	9	18	84	86	.3	15	9	235	3.01	23	5	ND	1	14	.3	2	2	19	.04	.060	26	13	.07	63	.01	5	.79	.01	.06	2	9.6
0+00 4+75W	5	7	51	57	.6	6	4	53	1.92	8	5	ND	1	10	.2	2	2	12	.02	.049	26	10	.06	37	.01	4	.59	.01	.04	1	11.7
0+00 4+50W	5	29	61	61	.8	14	4	45	1.47	7	5	ND	1	6	.3	2	2	8	.02	.038	17	10	.05	31	.01	4	.73	.01	.03	1	4.4
0+00 4+25W	20	67	88	301	.1	29	57	888	26.63	54	5	ND	7	7	.2	2	2	15	.03	.121	10	15	.03	43	.01	2	1.35	.01	.03	1	10.3
0+00 4+00W	11	28	110	160	.1	23	16	372	5.54	33	5	ND	3	10	.2	2	2	21	.04	.120	21	18	.07	49	.02	2	1.32	.01	.05	1	2.8
0+00 3+75W	5	21	34	69	.3	10	7	262	3.23	7	5	ND	2	5	.2	2	2	9	.01	.046	21	10	.06	31	.01	2	.78	.01	.03	1	2.1
0+00 3+50W	3	18	30	73	.1	14	7	271	3.27	9	5	ND	1	6	.2	2	2	12	.02	.063	19	14	.11	41	.01	2	.75	.01	.05	1	4.2
0+00 3+25W	3	16	64	76	.1	12	11	1538	3.63	8	5	ND	1	6	.2	2	2	12	.02	.078	21	11	.05	46	.01	2	.66	.01	.05	1	23.0
0+00 3+00W	3	14	53	43	.2	8	4	146	2.53	9	5	ND	1	8	.2	2	2	11	.01	.038	29	9	.08	35	.01	3	.62	.01	.05	1	25.7
0+00 2+75W	2	13	37	59	.1	11	7	381	2.40	9	5	ND	1	8	.2	2	2	14	.01	.042	25	13	.11	51	.01	2	.75	.01	.06	2	8.1
0+00 2+50W	1	5	50	40	.6	9	5	61	.65	2	5	ND	1	6	.3	2	2	6	.04	.052	11	9	.10	50	.01	2	.58	.01	.03	1	2.3
0+00 2+25W	1	11	53	49	.1	13	6	59	2.28	4	5	ND	6	3	.2	2	2	7	.01	.014	25	15	.24	44	.01	4	.79	.01	.04	1	11.2
0+00 2+00W	1	20	21	69	.1	21	9	194	4.04	10	5	ND	5	4	.2	2	2	11	.01	.032	22	16	.19	38	.01	5	.75	.01	.04	1	9.1
0+00 1+75W	1	6	20	33	.1	7	4	171	1.58	6	5	ND	2	5	.2	3	2	8	.02	.037	18	9	.07	32	.01	3	.35	.01	.04	2	3.9
0+00 1+50W	2	10	27	44	.2	10	24	4195	2.66	9	5	ND	2	5	.5	2	2	12	.02	.084	14	14	.12	66	.01	5	.76	.01	.06	2	6.7
0+00 1+25W	1	13	18	53	.1	15	7	276	2.65	6	5	ND	4	4	.2	2	2	8	.01	.029	22	12	.18	39	.01	5	.64	.01	.04	1	3.7
0+00 1+00W	2	23	33	65	.1	19	12	648	4.32	7	5	ND	1	6	.4	2	2	18	.01	.069	18	18	.13	69	.01	6	.95	.01	.09	1	6.6
0+00 0+75W	2	14	20	54	.1	14	10	595	3.00	8	5	ND	2	6	.5	2	2	14	.02	.058	19	18	.15	59	.01	5	.86	.01	.08	1	11.9
0+00 0+50W	1	13	26	52	.1	14	7	232	3.32	7	5	ND	2	4	.2	2	2	14	.01	.053	19	16	.13	51	.01	4	.76	.01	.06	2	20.9
0+00 0+25W	1	7	24	47	.2	10	7	231	2.04	5	5	ND	1	6	.2	2	2	12	.04	.088	13	13	.13	61	.01	4	.77	.01	.07	1	22.8
0+00 0+00	1	6	19	43	.9	10	4	66	1.48	3	5	ND	2	6	.2	2	2	9	.03	.043	24	13	.16	47	.01	3	.76	.01	.06	1	2.3
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.3
STANDARD C/AU-S	19	59	38	138	7.4	68	33	1039	3.93	42	21	7	41	52	18.0	15	23	57	.47	.084	40	60	.87	181	.09	34	1.93	.06	.16	11	50.6

Sample type: . Samples beginning 'RE' are duplicate samples.

Guinet Management PROJECT ASTER FILE # 91-5405R

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
18+50N 0+25E	2	12	25	51	.1	13	6	228	2.56	17	5	ND	2	4	.2	2	2	21	.01	.050	27	10	.05	22	.01	2	.44	.01	.03	3	16.4
18+50N 0+50E	1	5	18	25	.1	5	2	56	1.50	10	5	ND	2	3	.2	2	2	14	.01	.039	25	6	.04	17	.01	2	.44	.01	.02	3	5.8
18+50N 0+75E	1	16	14	49	.1	19	6	180	2.12	15	5	ND	3	3	.2	2	2	36	.01	.029	29	13	.04	14	.02	2	.40	.01	.02	1	4.3
18+50N 1+00E	1	28	29	97	.2	30	21	1380	4.90	11	5	ND	2	3	.2	3	2	15	.01	.078	20	9	.04	28	.01	4	.53	.01	.03	1	6.9
18+50N 1+25E	1	12	21	43	.6	11	6	178	3.41	13	5	ND	2	3	.2	2	2	23	.01	.061	19	15	.10	29	.01	2	.64	.01	.04	1	5.2
18+50N 1+50E	2	110	40	102	.2	34	11	299	5.81	45	5	ND	8	7	.2	2	2	15	.01	.068	20	26	.15	57	.01	2	.94	.01	.06	1	4.9
18+50N 1+75E	5	22	28	71	.2	16	8	230	5.10	37	5	ND	4	5	.2	2	2	14	.01	.057	17	15	.08	40	.01	2	.69	.01	.05	1	6.0
18+50N 2+00E	1	16	15	61	.1	10	6	115	2.13	35	5	ND	3	5	.2	3	2	22	.01	.026	27	7	.02	17	.01	2	.26	.01	.02	1	3.0
18+50N 2+25E	1	27	17	67	.7	17	9	186	5.03	28	5	ND	3	3	.2	2	2	27	.01	.060	20	11	.04	23	.01	2	.43	.01	.02	2	23.1
18+50N 2+50E	1	11	17	57	.1	10	6	262	2.09	41	5	ND	3	5	.2	3	2	10	.04	.044	30	4	.03	16	.01	2	.17	.01	.04	2	5.2
18+50N 2+75E	1	11	11	52	.1	13	6	118	1.92	11	5	ND	10	4	.2	2	2	6	.01	.012	35	13	.21	44	.01	4	.61	.01	.03	2	14.8
18+50N 3+00E	2	15	56	79	.3	17	23	1339	3.86	33	5	ND	2	7	.2	2	2	14	.03	.072	18	15	.11	46	.01	2	.67	.01	.04	2	30.7
18+50N 3+25E	3	20	41	78	.2	18	10	174	5.24	54	5	ND	2	5	.4	4	2	18	.02	.062	20	14	.09	31	.01	6	.63	.01	.03	3	6.5
18+50N 3+50E	2	14	36	59	.2	15	8	285	5.23	34	5	ND	4	4	.2	4	2	19	.01	.048	22	18	.09	26	.01	3	.70	.01	.03	1	7.8
18+50N 3+75E	1	23	30	78	.4	22	16	533	4.05	19	5	ND	4	5	.2	3	2	12	.02	.050	17	16	.21	52	.01	5	.93	.01	.05	1	5.5
18+50N 4+00E	1	12	23	41	.2	7	18	1265	1.82	5	5	ND	2	6	.2	2	2	11	.02	.050	17	12	.11	67	.01	3	.75	.01	.06	1	5.0
18+50N 4+25E	1	9	23	35	.3	9	4	57	2.55	10	5	ND	3	4	.2	2	2	11	.02	.041	16	13	.12	38	.01	2	.62	.01	.04	1	5.3
18+50N 4+50E	1	13	28	76	.2	12	12	829	3.88	74	6	ND	2	8	.2	2	2	14	.05	.056	15	13	.11	85	.01	2	.89	.01	.06	1	4.6
18+50N 4+75E	1	7	15	38	.4	8	4	125	1.24	7	5	ND	2	5	.2	2	2	8	.02	.041	15	10	.15	71	.01	2	.70	.01	.05	1	1.9
18+50N 5+00E	1	7	18	61	.1	11	8	412	2.43	10	5	ND	2	7	.2	2	2	11	.05	.054	18	13	.19	79	.01	2	.75	.01	.05	1	3.1
18+00N 5+00E	1	12	25	80	.3	13	13	547	3.95	8	5	ND	3	7	.2	2	2	13	.04	.067	17	16	.19	58	.01	3	1.01	.01	.06	1	5.3
18+00N 5+25E	1	19	23	112	.4	28	21	878	4.42	10	5	ND	2	13	.2	2	2	17	.12	.065	18	23	.27	51	.01	2	1.32	.01	.06	1	2.6
18+00N 5+50E	1	10	21	62	.1	11	10	772	2.22	4	5	ND	1	9	.2	2	2	17	.06	.053	18	12	.08	53	.01	2	.61	.01	.05	1	3.9
18+00N 5+75E	1	7	17	33	.2	6	4	181	2.45	3	5	ND	1	4	.2	2	2	11	.01	.044	22	11	.07	24	.01	3	.41	.01	.03	1	1.8
18+00N 6+00E	1	18	20	112	.3	26	12	370	3.27	8	6	ND	4	12	.2	2	2	9	.15	.060	16	14	.21	38	.01	2	.80	.01	.04	1	.6
18+00N 6+25E	1	13	19	89	.2	17	11	685	3.27	8	6	ND	1	7	.2	2	2	15	.06	.074	11	10	.10	31	.01	2	.42	.01	.04	1	3.2
18+00N 6+50E	1	17	22	146	.4	27	14	1065	3.10	2	5	ND	2	21	.8	2	2	10	.31	.089	9	11	.17	73	.01	2	.72	.01	.05	1	2.7
RE 18+00N 5+75E	1	8	15	37	.4	7	4	204	2.64	5	5	ND	2	5	.2	2	2	12	.02	.047	23	12	.08	26	.01	2	.44	.01	.03	1	2.8
18+00N 6+75E	1	23	21	114	1.4	29	15	1065	3.67	8	5	ND	4	21	.2	2	2	10	.32	.084	16	17	.24	64	.01	2	1.13	.01	.05	1	2.9
18+00N 7+00E	1	9	12	43	.1	7	4	117	1.90	2	5	ND	4	6	.2	2	2	15	.02	.022	33	10	.06	49	.01	2	.65	.01	.03	1	2.6
18+00N 7+25E	1	7	15	84	.1	18	8	120	2.63	5	5	ND	7	7	.2	2	2	12	.04	.028	33	17	.38	31	.01	2	.95	.01	.04	1	3.6
18+00N 7+50E	1	5	9	34	.1	7	4	192	2.06	3	5	ND	8	5	.2	2	2	16	.01	.024	38	10	.07	31	.02	2	.53	.01	.04	1	1.3
18+00N 7+75E	1	12	16	85	.1	18	10	310	3.01	3	5	ND	2	16	.2	2	2	15	.17	.056	21	17	.24	53	.01	2	1.09	.01	.07	1	.5
18+00N 8+00E	1	12	32	51	.1	13	6	291	2.20	3	6	ND	2	5	.2	2	2	14	.03	.038	26	13	.14	32	.01	2	.70	.01	.05	1	.7
18+00N 8+25E	1	15	18	101	.1	27	13	758	2.99	9	5	ND	2	12	.2	2	2	9	.14	.056	16	8	.09	41	.01	2	.47	.01	.04	1	4.5
18+00N 8+50E	1	9	12	58	.2	12	5	120	2.62	2	5	ND	1	11	.2	2	2	13	.12	.043	14	12	.14	27	.01	2	.70	.01	.04	1	.9
18+00N 8+75E	1	6	17	40	.9	8	3	125	1.54	3	5	ND	1	7	.2	2	2	17	.02	.034	22	8	.04	32	.01	2	.37	.01	.04	1	.4
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.4
STANDARD C/AU-S	18	57	37	137	7.2	66	33	967	3.92	42	22	7	40	52	17.3	15	22	56	.47	.086	39	61	.86	174	.09	33	1.86	.06	.14	11	47.5

<u>Sample type: . Samples beginning 'RE' are duplicate samples.</u>

MPLE#	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
+00N 9+00E	2	10	27	41	.1	10	4	134	1.75	9	5	ND	3	7	.3	2	2	27	.03	.026	32	7	.03	32	.02	2	.52	.01	.04	1	2.4
+00N 9+25E	1	12	17	28	.1	8	3	192	1.78	3	5	ND	4	6	.2	2	2	16	.02	.029	30	11	.09	34	.01	2	.74	.01	.04	1	3.2
+00N 9+50E	1	16	34	59	.7	15	15	1355	2.48	2	5	ND	1	16	.2	2	2	20	.11	.102	21	13	.16	63	.01	2	1.20	.01	.07	1	12.2
+00N 9+75E	1	27	26	108	1.1	38	32	669	3.52	5	5	ND	5	14	.2	2	2	13	.12	.076	24	19	.32	75	.01	2	1.77	.01	.07	1	1.9
+00N 10+00E	1	14	8	73	.1	15	5	463	3.36	2	5	ND	1	4	.2	2	2	17	.01	.047	23	10	.08	25	.01	2	.43	.01	.02	1	2.6
+50N 6+00E	1	39	36	117	.2	40	23	1099	5.58	16	5	ND	4	8	.2	3	2	7	.12	.064	17	10	.18	30	.01	2	.65	.01	.03	1	3.0
+50N 6+25E	1	26	18	96	.3	34	13	358	3.67	23	5	ND	5	13	.2	2	2	12	.17	.055	24	16	.32	39	.01	2	1.11	.01	.06	1	1.2
+50N 6+50E	1	34	25	98	.6	40	19	609	4.85	11	5	ND	3	20	.2	2	2	16	.31	.068	19	17	.25	54	.01	2	1.38	.01	.08	1	5.1
+50N 6+75E	2	31	22	119	.9	29	13	944	4.15	8	8	ND	2	24	.3	2	2	14	.44	.171	11	14	.21	45	.01	2	1.08	.01	.06	1	4.2
+50N 7+00E	1	16	28	51	.1	16	5	266	3.94	7	5	ND	2	6	.2	2	2	16	.02	.043	27	12	.09	41	.01	2	.63	.01	.04	1	1.4
+50N 7+25E	1	20	24	112	1.7	31	11	391	3.57	5	5	ND	2	20	.3	2	2	16	.20	.119	17	17	.26	83	.01	2	1.40	.01	.07	9	8.1
+50N 7+50E	1	18	23	90	.4	21	14	742	4.08	5	5	ND	6	8	.2	2	2	16	.05	.067	27	17	.32	50	.01	2	1.47	.01	.08	1	5.8
+50N 7+75E	1	13	16	92	.2	31	7	159	3.24	6	5	ND	6	9	.2	2	2	10	.07	.051	33	15	.37	41	.01	2	1.11	.01	.07	1	2.0
+50N 8+00E	1	7	19	35	.2	8	3	74	1.61	8	5	ND	2	5	.2	2	2	13	.03	.065	29	11	.18	21	.01	2	.96	.01	.05	1	5.4
+50N 8+25E	1	18	18	86	.1	21	16	2524	3.85	11	5	ND	1	11	.2	2	2	16	.20	.113	16	8	.09	92	.01	2	.64	.01	.05	1	1.2
+50N 8+50E	1	14	21	42	.2	14	4	135	2.27	9	5	ND	3	6	.2	2	2	25	.02	.037	33	8	.06	25	.02	2	.63	.01	.03	1	3.8
17+50N 9+50E	1	9	25	37	.2	12	8	1616	2.90	5	5	ND	1	6	.2	2	2	18	.02	.150	29	15	.18	30	.01	2	.94	.01	.06	1	1.6
+50N 8+75E	1	5	11	17	.2	5	1	40	.70	5	5	ND	3	6	.2	2	2	10	.02	.034	29	4	.03	17	.01	2	.42	.01	.03	1	1.2
+50N 9+00E	1	5	7	19	.1	3	1	32	.37	2	5	ND	2	5	.2	2	2	6	.01	.027	29	3	.02	20	.01	2	.44	.01	.03	1	7.1
+50N 9+25E	1	18	19	70	.1	26	7	329	4.88	7	5	ND	1	5	.2	2	2	35	.02	.145	25	22	.21	21	.02	2	.95	.01	.03	1	4.9
+50N 9+50E	1	13	24	37	.1	13	8	1698	3.17	4	5	ND	1	6	.2	2	2	19	.02	.157	28	16	.19	33	.01	2	.97	.01	.06	1	1.0
+50N 9+75E	1	20	19	72	.1	39	12	1415	4.27	6	5	ND	1	6	.2	2	2	40	.02	.065	23	14	.07	49	.04	2	.77	.01	.03	1	.8
+50N 10+00E	2	53	45	152	.1	73	18	1004	7.47	7	5	ND	2	6	.2	2	2	45	.02	.106	29	15	.11	31	.03	3	.71	.01	.03	1	1.8
5+50N 8+00E	2	20	24	57	2.8	15	12	575	2.50	5	5	ND	1	5	.5	2	2	18	.02	.061	22	10	.09	27	.01	2	.82	.01	.05	1	4.9
5+50N 8+25E	1	20	12	71	.9	29	11	1121	2.09	5	5	ND	1	29	.7	2	2	11	.85	.137	16	7	.15	48	.01	2	.95	.01	.04	1	1.7
5+50N 8+50E	1	9	16	40	.1	4	1	54	.56	2	5	ND	2	4	.2	2	2	8	.03	.024	30	3	.02	16	.01	4	.23	.01	.02	1	.9
5+50N 8+75E	1	10	19	32	.1	7	3	73	2.57	5	5	ND	1	5	.2	2	2	58	.03	.041	25	11	.05	25	.03	2	.84	.01	.03	1	1.1
5+50N 9+00E	2	15	25	49	.1	16	6	220	4.05	9	5	ND	2	8	.6	2	2	46	.06	.181	22	19	.15	27	.05	2	.81	.01	.04	1	3.9
5+50N 9+25E	2	11	16	34	.1	10	3	42	1.20	5	5	ND	3	4	.2	2	2	25	.01	.027	36	6	.02	16	.01	2	.49	.01	.02	1	1.8
5+50N 9+50E	2	23	19	72	.1	23	8	399	5.54	7	5	ND	2	6	.5	2	2	19	.01	.111	26	20	.23	34	.01	2	1.16	.01	.06	1	6.5
6+50N 9+75E	2	14	19	54	.1	19	8	1372	3.18	4	5	ND	1	6	.2	2	2	29	.02	.069	30	17	.12	25	.02	2	.82	.01	.04	1	.6
6+50N 10+00E	2	14	23	49	.4	14	4	122	3.77	6	5	ND	2	5	.2	2	2	15	.01	.071	26	14	.14	23	.01	2	.78	.01	.03	1	4.0
6+00N 8+00E	1	11	37	80	.3	13	16	1463	2.51	14	5	ND	1	12	.9	2	2	8	.11	.147	11	21	.04	43	.01	2	.35	.01	.05	214	207.0
6+00N 8+25E	1	5	13	33	1.0	8	2	91	1.81	5	5	ND	1	4	.2	2	2	19	.01	.094	23	6	.03	15	.01	2	.30	.01	.03	4	9.3
6+00N 8+50E	1	12	10	68	.2	16	8	342	3.73	3	5	ND	1	4	.2	2	2	17	.01	.070	16	21	.21	18	.01	2	.92	.01	.04	1	3.8
6+00N 8+75E	1	22	12	62	.2	22	6	343	2.92	9	5	ND	2	4	.2	2	2	20	.01	.070	23	5	.03	18	.01	4	.38	.01	.03	2	2.4
6+00N 9+00E	1	10	11	35	.1	7	3	60	1.59	4	5	ND	2	4	.2	2	2	30	.01	.031	31	7	.03	16	.02	2	.58	.01	.02	1	1.8
TANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
TANDARD C/AU-S	21	55	39	132	6.9	72	33	1052	3.90	42	18	7	37	48	19.0	16	21	58	.51	.089	39	55	.91	170	.08	32	1.92	.05	.14	11	47.1

ample type: . Samples beginning 'RE' are duplicate samples.

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
16+00N 9+25E	1	13	14	49	.1	11	4	70	1.85	3	5	ND	1	4	.2	2	2	44	.01	.030	23	9	.03	12	.03	2	.36	.01	.02	1	19.6
16+00N 9+50E	1	16	22	53	.1	10	5	99	3.23	4	5	ND	1	6	.2	2	2	26	.01	.091	22	13	.07	33	.01	2	.66	.01	.04	1	2.0
16+00N 9+75E	1	18	12	41	.1	9	4	90	1.54	4	5	ND	2	7	.3	2	2	23	.02	.036	31	8	.03	27	.02	2	.35	.01	.02	1	2.4
16+00N 10+00E	1	6	13	22	.2	3	2	46	1.56	4	5	ND	1	4	.2	2	2	31	.01	.063	17	11	.03	13	.03	2	.30	.01	.01	1	.9
15+50N 8+00E	1	12	20	33	.2	2	3	224	2.60	15	5	ND	1	6	.2	2	2	15	.01	.075	24	9	.03	23	.01	2	.38	.01	.03	18	.9
15+50N 8+25E	1	8	17	38	.1	6	4	101	3.05	3	5	ND	1	6	.2	2	2	23	.01	.067	26	18	.08	27	.01	2	.77	.01	.04	2	2.8
15+50N 8+50E	2	18	23	60	.1	13	8	451	3.86	5	5	ND	1	6	.2	2	2	24	.02	.086	26	13	.06	26	.02	2	.58	.01	.04	1	13.9
RE 15+50N 9+75E	1	6	8	26	.1	5	2	74	.85	2	5	ND	1	4	.2	2	3	14	.01	.021	29	9	.02	24	.01	2	.31	.01	.02	1	1.7
15+50N 8+75E	2	16	17	57	.1	14	6	432	3.30	4	5	ND	1	6	.2	2	3	18	.01	.057	25	16	.09	34	.01	2	.73	.01	.05	1	2.9
15+50N 9+00E	1	15	16	60	.1	11	5	279	3.98	2	5	ND	1	9	.2	2	3	17	.01	.064	24	19	.09	43	.01	2	.81	.01	.04	1	.7
15+50N 9+25E	1	8	15	43	.1	7	3	89	1.83	2	5	ND	1	5	.2	2	3	47	.02	.029	24	15	.05	17	.04	2	.61	.01	.02	1	.6
15+50N 9+50E	1	11	5	38	.2	6	2	65	1.11	2	5	ND	1	4	.2	2	2	19	.01	.020	25	9	.02	14	.02	2	.20	.01	.01	1	.3
15+50N 9+75E	1	7	10	25	.1	4	2	62	.78	2	5	ND	2	4	.2	2	2	14	.01	.020	28	7	.02	20	.01	2	.30	.01	.02	1	.3
15+50N 10+00E	2	19	19	66	.1	16	7	370	4.99	8	5	ND	1	8	.2	2	2	20	.01	.068	25	23	.14	37	.01	2	.92	.01	.04	1	.8
7+50N 9+25E	1	11	15	26	.3	10	2	56	.98	2	5	ND	1	5	.2	2	2	9	.02	.032	25	13	.08	25	.01	2	.57	.01	.03	1	.2
7+50N 9+50E	1	21	14	58	.4	26	8	212	2.87	3	5	ND	1	25	.2	2	3	16	.01	.049	29	24	.19	36	.01	2	.86	.01	.04	1	.7
7+50N 9+75E	1	12	22	54	4.0	25	4	67	2.55	3	5	ND	1	16	.2	2	2	6	.03	.053	34	12	.06	38	.01	2	.84	.01	.02	1	.2
7+50N 10+00E	3	27	20	65	.8	22	6	97	3.17	8	5	ND	1	14	.2	2	2	20	.03	.045	27	17	.12	56	.01	2	.73	.01	.05	1	2.9
7+50N 10+25E	1	18	16	34	.2	8	2	66	1.11	2	5	ND	1	10	.2	2	2	13	.02	.038	36	11	.04	35	.01	2	.55	.01	.03	1	.8
7+50N 10+50E	1	28	27	32	.8	11	4	77	1.42	2	5	ND	1	8	.2	2	2	17	.01	.041	25	12	.04	25	.01	2	.58	.01	.03	1	1.4
7+50N 10+75E	2	20	9	51	1.3	11	3	63	2.03	3	5	ND	1	8	.3	2	2	17	.01	.044	31	10	.03	26	.02	2	.46	.01	.02	1	3.1
7+50N 11+00E	2	6	16	29	.2	5	1	20	.69	2	5	ND	1	9	.2	2	2	10	.01	.025	45	6	.02	30	.01	2	.25	.01	.02	1	.7
7+50N 11+25E	2	27	14	31	.9	6	2	41	1.31	2	8	ND	1	11	.2	2	2	12	.01	.043	29	7	.02	43	.01	2	.31	.01	.03	1	4.4
7+50N 11+50E	4	28	31	63	.1	15	4	44	2.37	6	7	ND	2	18	.2	2	2	20	.01	.040	45	5	.01	52	.01	2	.25	.01	.02	1	2.1
7+50N 11+75E	1	13	13	41	.1	11	4	256	2.23	5	5	ND	1	6	.2	2	2	28	.04	.052	29	14	.05	29	.01	3	.72	.01	.05	1	4.0
7+50N 12+00E	1	22	23	54	.1	12	6	199	3.57	3	5	ND	1	6	.2	2	2	21	.02	.065	22	20	.16	35	.01	2	1.37	.01	.04	1	.8
7+00N 9+25E	1	23	27	63	.5	29	11	324	3.01	3	5	ND	1	14	.2	2	2	19	.03	.058	21	28	.19	37	.01	2	.92	.01	.04	1	2.2
7+00N 9+50E	1	26	11	62	1.6	20	11	225	2.97	2	5	ND	1	9	.5	2	2	17	.03	.052	19	35	.33	35	.01	2	1.23	.01	.04	1	8.0
7+00N 9+75E	2	18	17	51	.1	18	6	104	2.84	8	5	ND	2	8	.3	2	2	37	.02	.035	34	12	.04	24	.01	2	.58	.01	.02	1	1.7
7+00N 10+00E	1	32	19	59	.1	13	3	51	2.13	3	5	ND	1	7	.2	2	2	15	.01	.042	27	10	.02	29	.01	2	.26	.01	.02	1	6.3
7+00N 10+25E	1	31	10	64	.2	15	5	66	3.22	4	5	ND	1	6	.2	2	2	31	.02	.053	28	14	.03	25	.03	2	.40	.01	.03	1	8.6
7+00N 10+50E	1	15	21	27	.6	6	2	24	.76	2	5	ND	1	14	.2	2	2	10	.02	.039	30	9	.04	41	.01	2	.44	.01	.03	1	.5
7+00N 10+75E	1	11	18	20	.2	4	1	23	.63	2	8	ND	1	13	.2	2	2	9	.01	.032	36	7	.02	42	.01	2	.34	.01	.03	1	2.0
7+00N 11+00E	3	11	51	54	.1	13	3	29	1.81	2	5	ND	1	30	.2	2	2	19	.01	.039	43	7	.01	117	.01	2	.28	.01	.02	1	3.9
7+00N 11+25E	2	31	40	56	.1	12	5	115	4.31	50	5	ND	2	8	.2	2	2	11	.02	.053	47	6	.02	49	.01	2	.36	.01	.04	14	1.0
7+00N 11+50E	1	22	9	70	.1	23	7	316	2.80	11	7	ND	1	5	.2	2	2	11	.02	.034	28	6	.02	34	.01	2	.31	.01	.04	1	.2
7+00N 11+75E	1	11	32	53	.1	10	7	718	2.25	4	6	ND	1	12	.3	2	2	27	.06	.049	33	15	.10	47	.02	3	.81	.01	.08	1	1.1
7+00N 12+00E	1	12	15	31	.1	5	3	95	1.16	2	8	ND	1	7	.3	2	3	10	.02	.049	23	9	.06	32	.01	2	.78	.01	.04	1	.4
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.3
STANDARD C/AU-S	18	56	38	129	7.3	66	32	1008	4.01	42	20	6	39	52	17.5	15	22	55	.46	.084	38	58	.84	176	.09	33	1.84	.06	.16	12	46.9

Sample type: . Samples beginning 'RE' are duplicate samples.

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
2+50N 6+00E	1	11	21	57	.1	11	9	501	2.75	5	5	ND	1	9	.2	2	2	19	.10	.058	21	10	.10	75	.01	3	.61	.01	.05	3	4.3
2+50N 6+25E	2	20	19	64	.1	22	9	284	4.32	9	5	ND	3	3	.2	2	4	19	.01	.052	24	17	.14	47	.01	2	.76	.01	.04	1	8.5
2+50N 6+50E	1	17	20	57	.1	16	8	425	3.44	6	7	ND	1	4	.2	2	4	17	.02	.147	14	20	.15	47	.01	2	.68	.01	.05	2	13.9
2+50N 6+75E	1	39	23	136	.5	44	19	669	5.95	13	5	ND	2	19	.5	2	2	20	.32	.085	19	28	.22	95	.01	2	1.23	.01	.05	2	5.2
2+50N 7+00E	1	33	26	141	1.1	40	26	1604	5.67	13	5	ND	2	15	.4	2	2	18	.21	.112	15	32	.25	91	.01	3	1.38	.01	.06	1	2.7
2+50N 7+25E	1	24	23	96	.7	27	18	887	3.66	5	5	ND	4	17	.2	2	2	11	.25	.060	17	18	.24	163	.01	3	1.06	.01	.08	2	2.0
2+50N 7+50E	1	18	21	70	1.0	18	11	472	2.86	5	5	ND	4	5	.2	2	2	9	.02	.041	20	14	.22	216	.01	5	.86	.01	.07	2	5.2
2+50N 7+75E	1	34	31	110	.4	27	15	523	5.19	3	5	ND	5	5	.2	2	3	11	.04	.067	18	17	.23	75	.01	2	1.05	.01	.05	2	2.9
2+50N 8+00E	1	33	20	99	.1	35	14	364	6.51	12	5	ND	4	3	.2	2	2	13	.01	.067	15	27	.13	29	.01	2	.68	.01	.03	1	10.1
2+50N 8+25E	1	21	23	72	.2	19	10	399	3.93	5	5	ND	5	5	.2	2	2	16	.02	.029	26	18	.19	160	.01	2	.91	.01	.08	1	1.1
2+50N 8+50E	2	20	41	121	2.9	34	27	1389	3.69	3	7	ND	2	21	.2	2	2	16	.13	.076	17	17	.22	456	.01	2	1.33	.01	.07	1	4.2
2+50N 8+75E	1	11	32	58	4.8	14	62	1449	3.09	2	5	ND	1	11	.2	2	2	9	.06	.051	17	12	.17	255	.01	2	.81	.01	.05	1	3.2
2+50N 9+00E	1	13	16	66	.5	9	7	289	2.87	5	5	ND	1	9	.2	2	2	13	.09	.036	21	10	.08	53	.01	2	.45	.01	.06	1	1.7
2+50N 9+25E	3	40	46	231	3.9	35	61	2604	10.20	15	5	ND	3	13	1.3	2	2	10	.06	.138	14	13	.08	80	.01	2	1.26	.01	.04	1	8.3
2+50N 9+50E	1	8	34	50	.8	9	5	97	1.36	2	5	ND	9	6	.2	2	2	8	.02	.016	30	9	.16	67	.01	3	.81	.01	.04	1	3.3
2+50N 9+75E	1	10	27	83	1.0	29	17	1374	2.90	2	5	ND	3	24	.2	2	3	11	.28	.048	16	12	.24	59	.01	2	.83	.01	.05	1	5.4
2+50N 10+00E	1	18	26	64	.1	15	8	228	4.02	3	5	ND	6	5	.2	2	2	16	.02	.029	27	15	.16	42	.01	3	.93	.01	.05	1	4.1
2+50N 10+25E	1	18	13	88	.1	16	9	239	3.71	2	5	ND	7	4	.2	2	2	10	.02	.029	33	11	.17	68	.01	2	.69	.01	.05	1	41.6
2+50N 10+50E	1	53	49	358	4.5	76	75	3884	7.11	6	5	ND	3	24	1.2	2	2	9	.23	.121	16	13	.22	161	.01	2	2.33	.01	.04	1	5.1
2+50N 10+75E	2	20	23	84	1.1	19	10	209	4.88	4	7	ND	6	4	.2	2	2	15	.02	.040	22	17	.19	39	.01	3	.89	.01	.04	1	3.8
2+50N 11+00E	1	19	25	78	.6	13	9	228	4.33	2	5	ND	2	7	.2	2	2	23	.04	.048	20	17	.14	57	.01	3	1.10	.01	.06	1	.6
2+50N 11+25E	1	17	16	53	.5	13	7	167	2.92	4	5	ND	6	5	.3	2	2	21	.02	.025	30	11	.06	33	.01	4	.75	.01	.03	1	10.0
2+50N 11+50E	1	25	26	99	1.0	21	11	256	5.00	4	5	ND	8	5	.2	2	4	14	.02	.039	23	21	.22	42	.01	2	1.20	.01	.03	1	3.3
2+50N 11+75E	1	21	17	66	.7	21	9	141	6.03	6	5	ND	7	4	.3	2	2	19	.01	.037	22	17	.13	24	.01	2	.87	.01	.03	1	1.0
2+50N 12+00E	1	14	6	43	.5	10	6	175	4.04	5	5	ND	9	3	.2	2	2	25	.01	.037	29	11	.05	18	.01	4	.70	.01	.04	2	1.4
2+50N 12+25E	1	17	10	59	.1	11	7	175	5.01	2	5	ND	6	3	.2	2	2	27	.01	.035	22	16	.12	26	.01	2	1.07	.01	.04	1	3.6
2+50N 12+50E	1	14	12	51	.2	10	7	164	4.66	2	5	ND	9	4	.2	2	2	24	.01	.030	29	15	.11	26	.01	2	.88	.01	.05	1	1.0
2+50N 12+75E	1	20	16	102	.1	15	7	193	4.47	2	5	ND	7	4	.2	2	2	26	.02	.041	21	19	.19	40	.01	5	1.46	.01	.05	1	1.6
2+50N 13+00E	1	18	14	64	.1	16	9	482	4.76	6	5	ND	5	4	.2	2	2	22	.02	.059	26	14	.13	31	.01	2	.78	.01	.05	2	8.9
2+00N 10+25E	1	15	13	68	.1	13	6	214	2.47	2	5	ND	5	5	.2	2	5	17	.07	.031	33	9	.06	38	.01	2	.43	.01	.05	1	1.6
2+00N 10+50E	2	12	12	67	.6	10	5	133	2.51	6	5	ND	4	7	.2	2	2	19	.03	.042	27	7	.05	50	.01	2	.60	.01	.03	1	4.5
2+00N 10+75E	2	57	25	124	1.7	38	14	199	6.68	24	5	ND	6	6	.2	2	4	20	.02	.067	21	18	.12	55	.01	4	.90	.01	.04	2	4.5
RE 2+50N 12+75E	1	21	18	103	.3	15	6	190	4.45	2	5	ND	7	4	.2	2	3	26	.02	.042	23	18	.19	36	.01	4	1.46	.01	.04	1	2.9
2+00N 11+00E	2	45	16	106	.6	36	12	187	4.17	16	5	ND	5	6	.2	2	2	21	.05	.071	23	13	.08	50	.01	5	.74	.01	.04	1	11.0
2+00N 11+25E	2	66	29	147	.5	51	20	317	6.69	40	5	ND	9	6	.2	2	7	12	.02	.080	27	22	.19	64	.01	4	1.00	.01	.05	2	21.6
2+00N 11+50E	1	22	30	82	.6	21	11	137	3.41	8	5	ND	4	11	.2	2	3	17	.08	.042	25	17	.20	107	.01	2	.98	.01	.05	1	5.3
2+00N 11+75E	1	27	35	87	.5	18	9	139	5.14	2	5	ND	5	3	.2	2	3	16	.02	.031	21	19	.15	35	.01	2	.72	.01	.04	1	6.6
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	19	57	39	142	7.3	70	32	1022	3.94	44	17	7	40	52	18.5	16	23	58	.47	.086	39	59	.87	181	.09	32	1.84	.06	.15	11	45.8

Sample type: . Samples beginning 'RE' are duplicate samples.

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
2+00N 12+00E	1	13	13	48	.7	12	4	133	2.39	7	5	ND	7	3	.2	2	2	13	.01	.046	25	11	.08	26	.01	2	.71	.01	.03	1	33.3
2+00N 12+25E	1	13	10	44	.1	13	4	141	3.15	4	5	ND	8	3	.2	2	2	19	.02	.028	29	11	.11	26	.01	2	.70	.01	.04	1	6.1
RE 1+50N 10+50E	1	37	38	168	1.7	49	31	1844	5.25	12	5	ND	3	15	.3	2	2	10	.11	.100	19	17	.21	83	.01	2	1.14	.01	.05	1	17.2
2+00N 12+50E	1	33	18	83	.8	22	9	312	5.82	6	5	ND	8	4	.2	2	3	22	.02	.033	23	16	.13	51	.01	2	1.13	.01	.04	1	2.2
2+00N 12+75E	1	24	23	80	.8	22	8	241	5.88	8	5	ND	7	4	.2	2	2	25	.01	.049	20	20	.17	38	.01	2	1.34	.01	.04	1	4.3
2+00N 13+00E	1	23	23	64	.6	16	6	254	5.24	7	5	ND	8	3	.2	2	2	19	.01	.039	27	17	.10	28	.01	2	1.03	.01	.04	1	7.9
1+50N 10+25E	2	153	145	251	1.4	164	66	3113	4.81	11	5	ND	6	9	2.3	2	3	12	.07	.080	17	21	.22	183	.01	2	1.90	.01	.06	1	6.3
1+50N 10+50E	1	41	36	165	1.4	50	32	1865	5.13	13	5	ND	3	16	.3	2	2	10	.11	.099	18	15	.21	84	.01	2	1.13	.01	.05	1	20.1
1+50N 10+75E	1	17	46	96	.3	22	11	386	4.34	11	5	ND	3	16	.2	2	2	25	.14	.076	20	14	.25	139	.01	3	1.10	.01	.07	1	4.7
1+50N 11+00E	1	13	28	54	1.1	13	5	212	3.70	4	5	ND	3	4	.2	2	2	18	.01	.047	24	11	.08	38	.01	3	.85	.01	.04	1	2.7
1+50N 11+25E	1	28	15	77	.1	20	8	335	5.19	7	5	ND	3	7	.2	2	2	17	.02	.055	28	12	.13	91	.01	2	.84	.01	.06	1	4.7
1+50N 11+50E	1	48	29	158	1.8	37	29	1434	5.74	8	5	ND	4	10	.3	2	2	12	.04	.092	21	15	.19	128	.01	2	1.80	.01	.05	1	12.3
1+50N 11+75E	1	15	14	65	.3	15	8	640	2.60	2	5	ND	4	12	.2	2	2	14	.07	.029	23	14	.18	106	.01	2	.84	.01	.05	1	5.0
1+50N 12+00E	1	24	22	94	.5	41	19	4789	5.58	6	5	ND	4	20	.3	3	2	16	.11	.050	16	24	.20	250	.01	2	1.09	.01	.06	1	11.4
1+50N 12+25E	1	30	32	79	1.1	77	23	2509	6.54	5	5	ND	7	21	.4	2	2	19	.11	.040	30	15	.19	180	.01	3	1.55	.01	.07	1	3.7
1+50N 12+50E	1	30	24	72	.1	36	9	115	2.55	4	5	ND	14	10	.2	2	2	8	.04	.011	34	12	.33	241	.01	2	1.09	.01	.08	1	8.1
1+50N 12+75E	1	13	21	93	.3	31	14	1114	5.73	4	5	ND	7	16	.2	2	2	14	.08	.027	21	13	.25	115	.01	2	1.10	.01	.05	1	2.8
1+50N 13+00E	1	39	41	102	.1	57	24	1524	5.38	5	5	ND	7	23	.2	2	2	17	.11	.040	28	18	.30	153	.01	4	1.54	.01	.11	1	4.1
1+00N 10+25E	1	20	17	87	.1	20	13	578	4.70	11	5	ND	7	5	.2	2	2	12	.02	.035	26	17	.19	67	.01	2	1.05	.01	.04	1	9.5
1+00N 10+50E	1	27	23	82	.8	20	10	882	6.55	7	5	ND	2	5	.2	2	2	18	.01	.090	21	15	.09	56	.01	2	.73	.01	.04	2	14.7
1+00N 10+75E	1	8	14	42	.3	8	4	317	2.80	2	5	ND	3	5	.2	2	2	14	.01	.042	28	9	.08	40	.01	2	.77	.01	.04	1	6.1
1+00N 11+00E	1	66	31	135	3.9	48	27	1243	3.88	8	5	ND	3	29	.7	2	2	11	.21	.110	21	12	.17	223	.01	2	1.42	.01	.08	1	4.8
1+00N 11+25E	1	19	15	57	.4	13	5	109	2.31	2	5	ND	7	9	.2	2	2	8	.04	.023	26	11	.23	94	.01	2	.78	.01	.04	2	8.6
1+00N 11+50E	1	45	31	75	1.7	25	8	361	1.79	2	5	ND	1	42	.5	2	2	11	.35	.074	16	12	.19	181	.01	2	.98	.01	.06	1	4.0
1+00N 11+75E	1	30	25	77	.7	28	15	743	3.75	4	5	ND	4	19	.2	2	2	15	.05	.050	21	13	.15	135	.01	2	1.19	.01	.06	1	4.1
1+00N 12+00E	1	37	21	75	.1	26	8	153	4.00	7	5	ND	12	9	.2	2	2	11	.03	.013	31	16	.35	140	.01	2	1.21	.01	.08	1	4.3
1+00N 12+25E	1	12	11	34	.1	8	6	303	2.16	2	5	ND	3	14	.2	2	2	15	.08	.021	28	6	.08	110	.01	2	.55	.01	.04	1	2.2
1+00N 12+50E	1	19	23	61	.1	15	12	1050	3.28	3	5	ND	1	21	.2	2	2	17	.13	.040	22	12	.15	110	.01	2	.85	.01	.07	1	1.6
1+00N 12+75E	1	18	33	61	.1	19	12	804	3.28	3	5	ND	4	22	.2	2	2	14	.12	.046	22	12	.20	113	.01	2	1.07	.01	.09	1	1.2
1+00N 13+00E	1	14	23	110	.4	37	14	616	4.27	3	5	ND	5	26	.2	2	2	12	.15	.053	20	14	.26	78	.01	2	1.17	.01	.07	1	1.8
0+00 9+00E	1	40	29	115	.1	35	19	1265	3.77	8	5	ND	2	16	.5	2	3	9	.14	.055	14	17	.20	712	.01	2	.68	.01	.06	3	17.1
0+00 9+25E	1	8	15	39	.3	9	3	151	2.03	5	5	ND	1	7	.2	2	2	15	.04	.056	19	10	.08	81	.01	2	.70	.01	.04	1	11.9
0+00 9+50E	1	29	37	110	.4	29	18	1694	4.16	7	8	ND	2	6	.2	2	2	17	.02	.092	18	15	.18	198	.01	2	1.27	.01	.06	1	6.8
0+00 9+75E	1	24	30	85	.4	20	16	2034	3.46	6	5	ND	1	18	.3	2	2	15	.16	.083	16	15	.15	252	.01	2	.85	.01	.06	1	3.8
0+00 10+00E	1	19	24	55	.3	15	6	245	5.26	10	5	ND	2	4	.2	2	2	18	.02	.043	16	16	.11	61	.01	2	.76	.01	.02	2	5.9
0+00 10+25E	1	66	20	91	.1	26	17	1448	6.33	46	5	ND	7	7	.2	2	2	6	.10	.063	18	10	.10	81	.01	2	.52	.01	.04	2	10.9
0+00 10+50E	1	9	5	36	.1	8	3	125	.95	3	5	ND	1	8	.2	2	2	11	.07	.031	11	4	.02	73	.01	2	.17	.01	.02	1	3.7
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	18	59	35	127	7.2	66	32	1023	4.01	40	18	6	40	54	18.0	15	20	57	.46	.083	39	57	.83	183	.09	31	1.85	.07	.16	13	46.6

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

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
0+00 10+75E	1	10	15	37	.1	7	4	152	2.68	7	5	ND	2	7	.2	2	3	20	.07	.044	28	8	.04	52	.01	2	.44	.01	.04	2	2.9
0+00 11+00E	1	42	32	66	3.7	32	9	275	1.65	2	6	ND	1	18	.9	2	2	8	.16	.152	28	16	.17	147	.01	2	1.26	.01	.09	1	9.4
0+00 11+25E	1	2	6	14	.1	1	1	23	.24	2	5	ND	6	6	.2	2	2	3	.03	.014	33	4	.03	34	.01	2	.25	.01	.03	1	3.6
0+00 11+50E	2	10	13	57	.1	10	7	231	2.80	6	5	ND	8	6	.4	2	2	13	.04	.025	31	10	.07	41	.01	2	.55	.01	.03	2	13.2
0+00 11+75E	1	15	19	86	.4	31	29	3079	3.98	4	5	ND	2	20	.2	2	2	8	.19	.053	12	13	.18	97	.01	2	.66	.01	.04	1	10.0
RE 0+00 11+00E	1	40	32	64	3.5	30	9	300	1.54	2	6	ND	2	16	.5	2	2	7	.15	.136	26	18	.15	137	.01	4	1.14	.01	.07	1	10.5
0+00 12+00E	1	15	20	65	.6	19	9	357	3.33	3	5	ND	4	10	.2	2	2	10	.08	.045	17	15	.20	108	.01	2	.78	.01	.04	1	1.1
0+00 12+25E	1	22	34	83	1.6	32	18	1275	2.19	3	5	ND	3	22	.2	2	2	13	.18	.096	16	21	.24	182	.01	2	1.25	.01	.09	1	3.6
0+00 12+50E	1	24	28	91	.8	28	10	203	1.84	3	5	ND	3	17	.2	2	2	9	.15	.060	16	20	.26	154	.01	2	.93	.01	.08	1	5.2
0+00 12+75E	1	20	45	76	.7	27	23	2632	3.64	2	8	ND	3	27	.2	2	2	17	.21	.091	20	22	.29	184	.01	2	1.49	.01	.12	1	4.6
0+00 13+00E	1	11	32	75	.4	23	14	1265	3.26	4	9	ND	4	28	.2	2	3	14	.26	.045	20	16	.22	113	.01	2	1.07	.01	.07	1	5.3
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	19	58	38	135	7.6	69	34	1036	3.97	43	16	7	39	52	18.3	16	21	58	.48	.086	40	55	.88	175	.09	33	1.86	.06	.14	11	49.2

Sample type: . Samples beginning 'RE' are duplicate samples.

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
0+50S 5+00W	12	15	102	71	.2	15	14	1172	4.56	13	5	ND	2	10	.3	3	2	25	.03	.137	18	10	.08	56	.01	4	.87	.01	.08	1	6.5
RE 0+50S 3+75W	5	12	42	67	.1	10	8	201	4.37	15	5	ND	1	6	.2	2	4	21	.01	.060	22	8	.05	33	.01	2	.74	.01	.04	1	7.4
0+50S 4+75W	7	14	51	76	.1	15	7	480	2.50	11	5	ND	1	10	.8	2	2	15	.05	.085	21	7	.06	52	.01	4	.56	.01	.07	1	9.3
0+50S 4+50W	1	11	29	18	.1	6	1	25	.58	2	5	ND	6	5	.2	2	2	3	.01	.006	19	3	.03	49	.01	2	.32	.01	.02	1	9.3
0+50S 4+25W	10	12	45	83	.3	9	68	5599	5.88	23	5	ND	1	10	.2	2	4	17	.06	.124	15	11	.07	86	.01	4	.82	.01	.07	1	11.0
0+50S 4+00W	4	19	39	87	.1	11	8	217	4.91	11	5	ND	5	3	.2	2	5	8	.01	.039	22	7	.04	16	.01	2	.61	.01	.03	1	13.5
0+50S 3+75W	5	11	42	77	.1	12	8	191	4.45	14	5	ND	1	7	.2	2	2	21	.01	.058	22	10	.05	34	.01	2	.75	.01	.05	1	8.6
0+50S 3+50W	10	27	89	161	.1	23	44	3590	8.46	29	5	ND	2	6	.2	2	4	21	.02	.113	15	18	.10	50	.02	6	1.34	.01	.06	1	4.4
0+50S 3+25W	2	6	27	36	.1	10	3	68	1.28	4	5	ND	6	5	.2	2	2	7	.01	.021	29	7	.10	29	.01	2	.52	.01	.04	1	8.1
0+50S 3+00W	4	9	32	80	.1	10	5	176	4.00	11	5	ND	1	14	.2	2	2	13	.01	.060	16	7	.06	33	.01	2	.54	.01	.03	2	7.3
0+50S 2+75W	3	15	74	105	.1	21	10	228	4.88	24	5	ND	2	9	.2	2	2	16	.02	.072	14	13	.24	39	.01	2	.94	.01	.04	2	1.5
0+50S 2+50W	1	12	58	60	.1	20	5	120	1.47	2	5	ND	2	6	.2	2	2	11	.04	.045	17	15	.23	79	.01	2	.97	.01	.07	1	5.9
0+50S 2+25W	1	9	32	72	.3	20	7	97	2.86	3	5	ND	4	6	.2	2	2	11	.04	.039	18	16	.37	47	.01	2	1.09	.01	.06	1	10.5
0+50S 2+00W	2	8	59	54	.2	15	29	2293	2.94	8	6	ND	2	6	.2	2	2	13	.03	.085	13	12	.18	56	.01	4	.82	.01	.07	1	20.3
0+50S 1+75W	2	18	33	66	.1	19	8	196	3.37	7	5	ND	3	6	.2	2	2	17	.02	.043	19	16	.22	47	.01	2	.90	.01	.06	1	30.9
0+50S 1+50W	2	17	27	65	.1	22	8	347	3.57	7	5	ND	2	5	.2	2	2	19	.01	.047	19	15	.18	44	.01	2	.77	.01	.06	2	8.5
0+50S 1+25W	2	24	29	71	.1	21	8	254	4.06	9	5	ND	3	5	.2	2	3	18	.01	.054	19	15	.19	45	.01	4	.80	.01	.06	2	10.0
0+50S 1+00W	2	15	28	58	.1	17	5	139	3.17	11	5	ND	4	4	.2	2	2	11	.01	.039	21	13	.18	39	.01	5	.76	.01	.06	1	11.1
0+50S 0+75W	1	5	16	22	.2	4	2	92	1.27	5	5	ND	2	4	.2	2	2	11	.01	.052	21	7	.06	28	.01	2	.32	.01	.04	1	7.9
0+50S 0+50W	1	14	25	58	.1	15	9	1010	3.51	5	5	ND	1	4	.2	2	2	16	.01	.068	20	17	.15	47	.01	3	.74	.01	.06	2	7.8
0+50S 0+25W	1	16	19	50	.1	16	5	190	2.66	11	5	ND	2	4	.2	2	2	14	.01	.047	19	15	.13	39	.01	2	.62	.01	.06	2	12.0
0+50S 0+00	1	14	25	72	.1	33	13	496	5.40	27	5	ND	1	4	.2	2	2	20	.02	.072	17	15	.11	54	.01	5	.73	.01	.06	2	6.8
1+50S 5+00W	5	32	73	48	.1	8	3	69	2.00	13	5	ND	12	6	.2	2	2	11	.02	.013	38	8	.05	62	.01	2	.65	.01	.04	1	15.0
1+50S 4+75W	2	15	45	58	.2	13	3	40	2.31	3	5	ND	5	4	.2	2	2	5	.01	.024	39	5	.04	28	.01	2	.63	.01	.04	2	5.5
1+50S 4+50W	5	6	36	33	.1	5	4	172	1.22	8	5	ND	1	7	.2	2	2	19	.02	.054	25	6	.04	40	.01	2	.47	.01	.06	1	18.6
1+50S 4+25W	3	40	67	212	.1	37	125	16673	11.64	20	5	ND	4	5	.2	2	7	16	.01	.097	15	11	.04	85	.01	3	1.28	.01	.05	1	10.9
1+50S 4+00W	2	12	27	41	.2	6	5	357	1.88	11	5	ND	2	5	.2	2	2	13	.01	.050	20	9	.08	33	.01	4	.69	.01	.06	2	143.0
1+50S 3+75W	2	18	63	45	.5	14	6	62	1.08	3	5	ND	1	6	.2	2	2	11	.02	.028	20	12	.13	60	.01	2	.83	.01	.05	1	22.3
1+50S 3+50W	2	12	27	53	.1	11	6	131	2.69	2	5	ND	4	4	.2	2	2	8	.01	.026	23	11	.24	39	.01	2	.83	.01	.04	2	2.5
1+50S 3+25W	2	12	29	55	.1	21	6	38	2.29	7	5	ND	7	4	.2	2	2	10	.02	.015	23	12	.27	69	.01	2	.94	.01	.06	2	11.2
1+50S 3+00W	1	16	25	64	.1	17	9	124	2.75	9	5	ND	9	5	.2	2	4	8	.01	.018	29	14	.27	73	.01	5	.91	.01	.08	4	7.4
1+50S 2+75W	3	14	37	85	1.4	25	95	13444	3.03	5	5	ND	1	7	.7	2	5	19	.03	.066	18	18	.17	392	.02	2	1.33	.01	.09	1	5.5
1+50S 2+50W	3	11	20	65	.2	13	14	2949	3.76	10	5	ND	1	5	.2	2	2	19	.02	.111	14	17	.15	73	.01	2	1.09	.01	.07	3	21.4
1+50S 2+25W	2	12	35	73	.3	12	14	1334	3.52	7	5	ND	1	7	.2	2	2	24	.03	.089	16	16	.19	67	.02	5	1.18	.01	.09	2	11.5
1+50S 2+00W	1	4	32	38	2.0	9	4	153	.90	2	5	ND	1	6	.2	2	2	15	.02	.045	17	19	.18	174	.01	4	1.25	.01	.10	1	20.4
1+50S 1+75W	1	7	25	31	.5	7	3	49	1.53	2	5	ND	3	4	.2	2	2	15	.01	.036	19	17	.16	113	.01	3	.88	.01	.07	1	11.4
1+50S 1+50W	1	8	18	56	.9	14	9	709	2.03	5	5	ND	1	5	.2	2	2	13	.02	.062	17	16	.21	86	.01	3	.92	.01	.08	2	17.3
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	19	59	42	136	7.3	70	31	1063	4.04	41	21	7	37	49	18.8	15	21	61	.50	.088	36	60	.92	172	.09	32	1.90	.06	.15	12	47.2

Sample type: . Samples beginning 'RE' are duplicate samples.

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
1+50S 1+25W	2	13	18	85	.2	17	12	1346	3.62	7	5	ND	1	6	.2	2	2	18	.03	.090	19	22	.21	68	.01	2	1.10	.01	.08	1	9.7
RE 1+50S 0+75W	1	5	13	27	.1	7	3	86	1.13	5	5	ND	1	5	.2	2	2	12	.01	.033	26	12	.07	35	.01	2	.53	.01	.04	1	10.8
1+50S 1+00W	1	9	17	44	.3	8	4	197	1.35	2	5	ND	1	7	.2	2	2	11	.03	.058	19	15	.10	57	.01	2	.71	.01	.07	2	3.8
1+50S 0+75W	1	5	13	26	.1	5	2	63	1.08	2	5	ND	1	5	.2	2	2	12	.01	.032	26	11	.07	35	.01	2	.46	.01	.04	1	10.7
1+50S 0+50W	1	40	39	88	.1	38	13	374	3.71	8	7	ND	8	8	.2	2	3	11	.01	.034	32	19	.23	83	.01	2	.89	.01	.08	3	17.0
1+50S 0+25W	3	21	67	84	.2	24	12	179	2.15	6	6	ND	1	9	.2	2	2	11	.07	.066	22	16	.16	93	.01	2	.83	.01	.05	1	10.3
1+50S 0+00	3	4	29	32	.1	4	5	268	1.76	4	7	ND	1	6	.2	2	2	17	.04	.056	22	12	.11	61	.01	2	.64	.01	.05	1	5.8
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	19	59	38	141	7.3	68	32	1032	3.94	43	21	6	39	52	18.1	14	22	58	.48	.085	39	60	.87	177	.09	35	1.88	.06	.15	13	51.2

Sample type: . Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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
2+50S 9+50E	2	27	17	61	.3	20	6	230	2.41	8	5	ND	4	6	.2	2	2	16	.03	.070	29	8	.08	61	.01	2	.58	.01	.05	1	3.3
2+50S 9+75E	2	20	25	54	3.6	15	6	75	5.49	6	5	ND	2	6	.2	2	2	22	.01	.061	21	12	.10	64	.01	2	.92	.01	.05	1	9.2
2+50S 10+00E	2	15	17	62	.3	15	6	299	4.18	2	5	ND	2	4	.2	2	2	13	.01	.060	23	12	.20	46	.01	2	.90	.01	.05	1	5.6
2+50S 10+25E	1	35	20	152	.4	52	18	792	4.61	2	5	ND	7	4	.2	2	3	14	.02	.046	27	14	.28	55	.01	2	1.66	.01	.06	1	4.7
2+50S 10+50E	1	243	24	3163	4.5	2067	448	32755	8.46	2	5	ND	3	44	32.0	2	7	5	.54	.103	22	7	.20	444	.01	2	5.08	.01	.04	1	4.5
2+50S 10+75E	1	26	21	110	.1	32	15	1324	3.38	3	5	ND	5	5	.2	2	2	11	.02	.043	25	12	.23	77	.01	2	.93	.01	.06	1	5.8
2+50S 11+00E	1	22	31	65	.1	18	9	343	5.00	4	5	ND	6	3	.2	2	2	11	.02	.050	21	14	.22	28	.01	2	1.03	.01	.04	1	4.3
2+50S 11+25E	1	24	32	111	.5	44	17	680	4.07	3	5	ND	6	8	.6	2	2	10	.07	.052	21	12	.21	55	.01	4	1.16	.01	.05	1	3.8
2+50S 11+50E	1	25	32	92	.1	22	13	1042	3.61	2	5	ND	1	21	.2	2	3	18	.22	.077	21	17	.28	102	.01	3	1.25	.01	.07	1	3.9
2+50S 11+75E	1	18	21	57	.1	16	9	298	2.64	3	5	ND	3	8	.2	2	2	10	.08	.044	21	11	.19	60	.01	4	.71	.01	.07	1	4.2
2+50S 12+00E	1	28	30	94	.3	31	12	438	3.73	3	5	ND	4	25	.2	2	2	11	.30	.082	21	14	.31	94	.01	2	1.29	.01	.08	1	2.4
2+50S 12+25E	2	56	56	161	1.9	75	28	2743	5.39	2	5	ND	10	19	.6	2	5	15	.19	.121	24	20	.33	124	.01	2	1.93	.01	.14	1	4.5
2+50S 12+50E	1	31	48	108	.9	31	18	1345	4.17	2	5	ND	4	14	.3	2	2	13	.14	.137	30	16	.26	98	.01	3	1.67	.01	.10	1	4.7
2+50S 12+75E	1	22	35	67	.6	19	20	1796	2.23	2	5	ND	1	18	.4	2	2	12	.18	.103	28	11	.19	90	.01	3	1.07	.01	.09	1	4.0
2+50S 13+00E	1	23	26	65	.1	16	13	758	2.97	2	5	ND	4	6	.2	2	2	11	.03	.064	29	12	.22	64	.01	3	1.25	.01	.07	1	3.1
2+50S 13+25E	1	25	24	76	.1	25	10	397	3.36	2	5	ND	3	8	.3	2	2	14	.05	.049	31	14	.19	47	.02	5	1.12	.01	.06	1	1.4
2+50S 13+50E	1	5	8	29	.1	6	2	129	.88	3	5	ND	4	4	.2	2	2	10	.03	.041	25	8	.06	21	.01	4	.67	.01	.03	1	3.5
2+50S 13+75E	1	8	16	37	.1	7	5	360	2.89	3	5	ND	3	3	.2	2	2	11	.01	.054	27	11	.13	37	.01	2	.78	.01	.04	1	1.5
RE 2+50S 12+75E	1	22	32	63	.4	18	19	1695	2.11	2	5	ND	1	16	.3	2	2	11	.17	.096	26	10	.18	87	.01	4	.98	.01	.08	1	4.3
2+50S 14+00E	1	15	21	87	.1	21	14	794	3.51	2	5	ND	3	6	.2	2	3	12	.05	.084	19	15	.33	63	.01	3	1.18	.01	.07	1	2.0
3+25S 8+00E	3	29	22	60	.2	16	8	154	4.99	7	5	ND	2	5	.2	2	3	19	.01	.066	24	15	.16	40	.01	2	.90	.01	.05	1	3.7
3+25S 8+25E	2	31	21	57	.2	19	6	141	5.14	29	5	ND	2	6	.2	2	4	23	.01	.064	23	15	.10	53	.01	2	.83	.01	.05	1	70.0
3+25S 8+50E	1	13	9	52	.1	10	2	114	1.29	4	5	ND	1	8	.2	2	2	16	.02	.040	28	8	.04	54	.01	4	.48	.01	.04	1	7.4
3+25S 8+75E	2	37	18	69	.2	20	6	179	3.28	8	6	ND	3	8	.3	2	2	19	.08	.082	16	11	.10	81	.01	6	.56	.01	.05	1	5.9
3+25S 9+00E	2	28	19	56	.9	15	8	312	5.45	5	5	ND	3	4	.2	2	2	19	.01	.042	25	17	.09	47	.01	2	.85	.01	.04	1	5.5
3+25S 9+25E	1	5	9	28	2.0	5	1	50	.87	2	5	ND	4	4	.2	2	2	8	.02	.016	26	5	.03	24	.01	4	.28	.01	.03	1	2.8
3+50S 8+00E	1	22	16	41	.2	13	5	144	2.74	6	5	ND	4	4	.2	2	2	13	.02	.050	23	12	.12	37	.01	2	.90	.01	.04	1	14.0
3+50S 8+25E	2	18	15	45	.1	10	4	167	3.82	6	5	ND	2	6	.2	2	4	19	.02	.052	23	13	.08	75	.01	2	.68	.01	.05	1	6.6
3+50S 8+50E	1	5	9	20	.1	4	1	25	.70	3	5	ND	3	4	.2	2	2	16	.01	.016	29	5	.02	30	.01	3	.33	.01	.03	1	18.9
3+50S 8+75E	2	131	38	67	12.0	17	13	463	2.64	2	15	ND	1	9	.5	2	3	20	.03	.088	26	33	.10	57	.02	2	1.21	.01	.06	1	8.1
3+50S 9+00E	1	70	25	44	5.4	11	5	229	2.53	4	6	ND	1	5	.3	2	2	14	.01	.044	28	11	.08	32	.01	2	.74	.01	.04	1	7.0
3+50S 9+25E	1	237	37	181	9.6	12	14	77	46.24	2	13	ND	4	2	.2	2	15	6	.01	.106	7	8	.01	8	.01	5	.94	.01	.02	1	3.7
3+50S 9+50E	1	18	14	54	.4	7	5	202	4.65	5	5	ND	1	4	.6	2	2	17	.01	.044	23	12	.16	19	.01	4	.84	.01	.04	1	1.8
3+50S 9+75E	1	15	12	57	.2	15	7	138	4.12	6	5	ND	4	2	.6	2	2	11	.01	.047	23	15	.24	22	.01	2	.89	.01	.03	1	3.1
3+50S 10+00E	1	11	8	33	.5	4	3	163	2.07	4	5	ND	4	3	.2	2	2	10	.01	.037	28	7	.05	17	.01	4	.60	.01	.04	1	9.4
3+50S 10+25E	1	18	18	57	.1	14	7	462	4.05	5	5	ND	3	3	.5	2	2	13	.01	.046	24	13	.17	26	.01	3	.97	.01	.05	1	2.6
3+50S 10+50E	1	20	22	65	.1	20	9	162	3.90	8	5	ND	2	4	.5	2	2	10	.01	.050	20	10	.14	20	.01	2	.59	.01	.03	1	13.5
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.3
STANDARD C/AU-S	18	59	38	133	7.4	69	32	1048	3.97	41	19	8	39	52	17.6	16	21	56	.49	.085	40	57	.90	177	.09	34	1.87	.07	.15	11	50.3

Sample type: . Samples beginning 'RE' are duplicate samples.

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
3+50S 10+75E	1	27	32	69	.1	20	15	420	2.85	2	5	ND	3	14	.2	2	2	11	.16	.047	26	11	.20	70	.01	3	1.06	.01	.06	1	.9
3+50S 11+00E	1	27	37	94	.1	24	14	588	4.34	2	8	ND	1	18	.2	2	4	18	.18	.056	23	19	.32	72	.01	2	1.64	.01	.08	1	1.7
3+50S 11+25E	1	20	30	74	.1	19	10	182	3.83	2	8	ND	5	4	.2	2	2	9	.04	.060	18	10	.16	28	.01	2	.78	.01	.05	1	1.4
3+50S 11+50E	1	42	68	104	.6	41	22	2955	3.84	5	8	ND	4	21	.2	2	2	7	.26	.083	18	13	.40	57	.01	2	.84	.01	.05	1	.3
3+50S 11+75E	1	51	23	88	.1	40	21	475	5.21	2	6	ND	6	4	.2	2	5	7	.05	.076	16	8	.16	27	.01	2	.66	.01	.04	1	1.5
RE 4+00S 9+00E	1	12	11	64	.1	10	7	150	4.21	4	5	ND	1	5	.2	2	2	14	.03	.048	21	13	.10	29	.01	2	.86	.01	.04	1	3.3
3+50S 12+00E	1	21	24	67	.7	17	9	399	3.00	2	5	ND	1	5	.2	2	2	13	.03	.051	24	15	.22	77	.01	2	1.00	.01	.07	1	2.4
4+00S 8+25E	1	47	26	61	.1	17	10	173	4.90	4	5	ND	4	4	.2	2	2	15	.02	.047	20	20	.16	37	.01	2	.88	.01	.05	1	2.4
4+00S 8+50E	1	7	17	29	.2	3	2	39	1.06	2	5	ND	1	3	.2	2	2	9	.01	.033	25	9	.07	23	.01	4	.48	.01	.03	1	6.2
4+00S 8+75E	4	12	20	29	.6	4	2	30	2.03	11	5	ND	1	4	.2	2	2	16	.01	.061	25	9	.04	26	.01	3	.41	.01	.03	1	16.3
4+00S 9+00E	1	11	10	62	.1	9	6	143	4.17	5	6	ND	1	5	.2	2	2	14	.03	.047	21	14	.10	26	.01	2	.84	.01	.04	1	2.5
4+00S 9+25E	1	7	7	48	.2	3	3	142	1.24	2	7	ND	1	3	.2	2	2	11	.01	.041	24	10	.06	20	.01	2	.59	.01	.04	1	2.7
4+00S 9+50E	1	8	7	37	.1	5	2	85	.66	2	5	ND	1	5	.2	4	2	6	.05	.039	23	6	.04	24	.01	2	.37	.01	.04	1	.5
4+00S 9+75E	1	15	20	38	.9	1	3	40	1.87	2	5	ND	1	4	.2	2	2	10	.02	.061	18	11	.07	26	.01	2	.63	.01	.04	1	5.6
4+00S 10+00E	1	34	30	89	.1	23	12	257	5.30	6	5	ND	3	5	.2	2	2	11	.01	.065	28	14	.16	33	.01	4	.87	.01	.05	1	3.0
4+00S 10+25E	1	6	17	47	.4	8	5	111	2.92	2	6	ND	1	3	.2	2	2	12	.01	.049	30	12	.15	23	.01	2	.76	.01	.04	1	2.2
4+00S 10+50E	1	7	15	36	.1	4	3	107	1.61	2	8	ND	1	4	.2	2	2	19	.01	.022	33	10	.07	22	.01	2	.67	.01	.04	1	.4
4+00S 10+75E	1	5	16	33	.1	3	3	64	1.44	2	5	ND	1	4	.2	2	2	17	.02	.025	28	9	.07	30	.01	3	.56	.01	.04	1	2.0
4+00S 11+00E	1	5	10	33	.1	6	4	227	1.45	3	6	ND	1	4	.2	2	2	15	.02	.034	31	10	.06	25	.01	3	.58	.01	.04	1	4.4
4+00S 11+25E	1	11	14	57	.3	8	7	339	2.55	2	5	ND	1	4	.2	2	2	14	.02	.052	23	16	.19	32	.01	2	.95	.01	.05	1	.3
4+00S 11+50E	1	13	23	70	.1	12	9	473	2.69	2	6	ND	2	7	.2	2	2	10	.05	.050	22	15	.29	51	.01	3	.90	.01	.07	1	.6
4+00S 11+75E	1	71	47	114	.1	44	28	670	4.80	6	8	ND	12	9	.2	2	5	7	.07	.042	31	18	.31	44	.01	2	.88	.01	.07	1	3.1
4+00S 12+00E	1	8	17	43	.2	7	4	234	1.79	2	6	ND	1	5	.2	2	2	11	.02	.032	25	12	.16	29	.01	2	.69	.01	.06	1	1.9
4+00S 12+25E	1	7	10	39	.4	4	4	103	1.09	2	5	ND	1	5	.2	2	2	8	.04	.050	17	11	.15	40	.01	2	.58	.01	.05	1	.3
4+00S 12+50E	1	22	20	83	.3	17	11	461	2.80	2	5	ND	4	6	.2	2	2	9	.06	.052	21	15	.26	35	.01	2	.94	.01	.06	1	1.1
4+00S 12+75E	1	12	25	54	1.1	9	5	121	2.34	2	5	ND	2	5	.2	2	2	10	.02	.053	20	17	.20	32	.01	2	1.05	.01	.06	1	2.8
4+00S 13+00E	1	10	18	40	.1	5	5	182	3.28	2	5	ND	1	4	.2	2	2	16	.02	.045	23	14	.11	25	.01	2	.79	.01	.04	1	1.0
4+00S 13+25E	1	32	34	82	.8	23	14	403	4.90	3	5	ND	4	4	.2	2	2	11	.02	.063	18	16	.24	28	.01	2	.88	.01	.04	1	.9
4+00S 13+50E	1	13	22	71	.1	15	7	155	2.97	2	5	ND	1	10	.2	2	2	12	.07	.045	20	16	.19	51	.01	2	.90	.01	.05	1	3.9
4+50S 8+00E	1	16	16	46	.3	9	5	115	3.11	2	6	ND	3	3	.2	2	2	25	.01	.023	26	10	.04	50	.01	2	.59	.01	.02	1	1.7
4+50S 8+25E	1	17	17	48	.1	11	5	146	2.89	6	8	ND	3	4	.2	2	2	28	.01	.030	32	14	.04	36	.01	2	.42	.01	.03	1	1.2
4+50S 8+50E	1	5	16	24	.1	3	2	94	1.01	3	6	ND	1	4	.2	2	2	17	.01	.023	28	8	.04	31	.02	3	.37	.01	.03	1	.6
4+50S 8+75E	1	7	15	36	.1	6	4	82	2.74	3	5	ND	1	3	.2	2	2	20	.01	.038	24	14	.13	24	.01	3	.81	.01	.03	1	3.3
4+50S 9+00E	1	16	13	53	.1	10	7	154	3.46	2	5	ND	3	3	.2	2	2	15	.01	.049	24	17	.26	28	.01	2	.86	.01	.04	1	2.0
4+50S 9+25E	1	15	15	60	.4	10	6	128	4.35	4	8	ND	2	3	.2	2	2	23	.01	.041	26	16	.15	31	.01	2	.91	.01	.04	1	3.3
4+50S 9+50E	1	11	10	45	.3	7	4	99	2.10	6	6	ND	3	3	.2	2	2	12	.01	.031	29	11	.12	27	.01	2	.88	.01	.04	1	1.3
4+50S 9+75E	1	6	10	25	.2	2	2	24	.83	2	5	ND	1	4	.2	2	2	12	.01	.030	22	8	.05	26	.01	2	.58	.01	.03	2	2.2
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.3
STANDARD C/AU-S	19	60	42	136	7.2	66	31	1021	3.97	41	23	6	39	52	18.1	15	19	57	.47	.082	39	59	.86	177	.09	34	1.86	.06	.15	11	51.3

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

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
4+50S 10+00E	1	8	36	35	.3	3	3	90	1.53	7	5	ND	1	6	.2	2	2	20	.02	.047	29	11	.09	26	.01	3	.77	.01	.03	1	1.1
4+50S 10+25E	1	2	5	24	.1	2	1	32	.41	2	5	ND	5	3	.2	2	2	6	.01	.015	37	4	.05	15	.01	2	.63	.01	.02	1	.7
4+50S 10+50E	1	8	28	38	.5	9	7	463	1.93	3	7	ND	1	4	.2	2	2	12	.02	.038	27	11	.23	18	.01	3	.76	.01	.03	1	2.7
4+50S 10+75E	1	7	21	50	.1	7	5	171	2.74	2	5	ND	1	4	.2	2	2	14	.02	.050	23	14	.21	21	.01	2	.86	.01	.04	1	1.1
4+50S 11+00E	1	5	13	45	.1	4	3	235	1.83	3	6	ND	1	5	.2	2	2	18	.02	.041	28	11	.09	17	.01	2	.60	.01	.04	1	2.9
4+50S 11+25E	1	19	29	97	.1	23	16	2999	3.17	4	5	ND	1	16	.2	2	2	23	.13	.078	22	21	.28	92	.01	2	1.30	.01	.08	1	.6
4+50S 11+50E	1	16	37	69	.1	15	10	429	3.66	2	5	ND	3	5	.2	2	2	14	.02	.050	24	18	.28	58	.01	2	1.21	.01	.06	1	2.2
4+50S 11+75E	1	8	15	38	.4	6	4	72	2.59	6	5	ND	2	4	.2	2	2	16	.01	.038	22	15	.14	30	.01	2	.85	.01	.04	1	1.8
4+50S 12+00E	1	7	16	30	.3	9	3	86	1.98	5	5	ND	7	5	.3	2	2	12	.02	.024	24	18	.10	35	.01	2	.80	.01	.03	1	18.2
4+50S 12+25E	1	14	15	68	.1	14	8	160	3.74	4	5	ND	3	5	.2	2	2	14	.03	.046	25	18	.30	35	.01	2	.96	.01	.05	1	.8
4+50S 12+50E	1	22	21	66	.4	16	13	988	4.73	4	5	ND	1	3	.2	2	2	26	.01	.066	21	23	.31	23	.01	2	1.14	.01	.05	1	.7
4+50S 12+75E	1	18	21	57	.2	16	7	133	3.54	3	5	ND	4	3	.2	2	2	11	.01	.045	23	19	.30	27	.01	2	1.19	.01	.05	1	7.0
4+50S 13+00E	1	22	30	85	.1	20	13	563	6.92	9	5	ND	1	5	.2	2	3	27	.01	.061	18	22	.17	31	.02	2	1.04	.01	.04	3	1.2
4+50S 13+25E	1	40	27	89	.1	35	19	643	3.48	6	5	ND	10	5	.2	2	4	8	.01	.030	39	15	.25	38	.01	4	.96	.01	.09	1	3.3
RE 4+50S 12+25E	1	15	14	71	.1	15	9	165	3.86	4	5	ND	3	4	.2	2	2	14	.02	.046	26	20	.31	30	.01	2	1.00	.01	.05	1	1.8
4+50S 13+50E	1	15	19	57	.1	13	9	403	2.35	4	5	ND	4	7	.2	2	2	10	.04	.054	22	12	.21	42	.01	2	.79	.01	.06	1	13.1
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	19	59	38	141	7.3	68	32	1032	3.94	43	21	6	39	52	18.1	14	22	58	.48	.085	39	60	.87	177	.09	35	1.88	.06	.15	13	52.5

Sample type: . Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Guinet Management PROJECT ASTER FILE # 91-5405R

ACME ANALYTICAL

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
AS-SI-1	1	29	23	114	.2	36	17	1012	3.64	37	5	ND	3	26	.2	2	2	9	.33	.055	16	14	.30	44	.01	3	.77	.01	.05	2	4.4
AS-SI-2	1	26	21	108	.1	37	15	891	3.09	22	5	ND	4	26	.3	2	2	9	.28	.052	17	13	.27	36	.01	2	.63	.01	.05	1	3.1
AS-SI-3	1	18	16	141	.1	57	35	2853	7.35	32	5	ND	1	27	.2	2	2	7	.33	.072	10	10	.21	76	.01	2	.71	.01	.04	1	9.5
AS-SI-4	1	22	67	159	.8	53	33	1717	4.58	179	5	ND	1	15	2.3	4	2	10	.17	.079	12	10	.14	69	.01	5	.66	.01	.04	1	9.2
AS-SI-5	1	28	38	181	.5	61	24	3485	4.95	55	5	ND	1	29	1.4	2	2	9	.37	.070	10	10	.20	90	.01	3	.70	.01	.06	1	4.3
AS-SI-6	1	35	23	127	.5	47	18	1295	3.69	63	5	ND	2	59	.8	2	2	9	.53	.077	14	15	.33	54	.01	6	.84	.01	.06	1	5.3
Y-SI-1	1	29	26	129	4.7	48	27	534	2.09	12	5	ND	1	28	.8	2	2	5	.29	.165	7	13	.13	41	.01	4	1.43	.01	.13	1	.6
RE AS-SI-4	1	19	58	147	1.0	48	30	1618	4.13	164	5	ND	1	14	2.1	4	2	9	.16	.076	13	10	.14	67	.01	5	.63	.01	.04	1	8.8
Y-SI-2	1	29	20	174	.7	155	8	582	.99	7	9	ND	1	119	1.1	2	2	6	1.07	.139	15	13	.27	101	.01	4	.83	.03	.10	1	1.8
Y-SI-3	1	23	24	104	.2	42	13	1422	2.54	5	5	ND	3	42	.2	2	2	5	.39	.062	15	12	.25	49	.01	3	.81	.01	.09	1	96.0
Y-SI-4	1	25	21	94	.1	36	16	1174	3.13	5	5	ND	4	23	.2	2	2	6	.22	.045	18	12	.24	37	.01	2	.65	.01	.07	1	1.0
Y-SI-5	1	21	23	179	.1	65	52	7539	4.93	2	5	ND	2	40	.4	2	2	6	.33	.066	12	11	.23	99	.01	2	.82	.01	.08	1	.3
Y-SI-6	1	26	21	108	.1	38	23	1790	3.75	4	5	ND	3	20	.2	2	2	8	.17	.047	19	12	.23	47	.01	3	.65	.01	.07	1	.8
Y-SI-7	1	14	2	128	.1	59	156	20235	33.55	13	5	ND	3	26	.2	2	2	4	.17	.023	5	6	.05	110	.01	7	.32	.01	.03	1	1.6
STANDARD G-1	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.2
STANDARD C/AU-S	18	58	38	127	6.8	67	29	994	4.02	38	16	7	37	51	19.0	16	20	55	.46	.084	35	60	.83	172	.08	34	1.87	.06	.14	12	47.2

Sample type: . Samples beginning 'RE' are duplicate samples.

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
A-Y-1	2	10	8	27	.1	5	2	50	.92	25	5	ND	4	6	.2	2	2	3	.02	.023	10	6	.03	108	.01	3	.14	.01	.07	1	15
A-Y-2	2	30	15	58	.2	14	4	52	1.91	274	5	ND	7	29	.3	5	2	3	.03	.033	15	10	.02	99	.01	5	.20	.01	.12	1	34
A-Y-3	4	23	29	90	.1	16	4	275	1.08	34	5	ND	1	3	.6	2	2	2	.02	.013	4	9	.01	18	.01	4	.07	.01	.03	1	14
A-Y-4	1	10	3	21	.1	8	3	428	1.06	8	5	ND	1	1	.2	2	2	1	.01	.009	2	6	.01	11	.01	3	.04	.01	.02	1	11
A-Y-5	3	18	11950	12	34.2	12	3	579	1.26	2	5	ND	1	1	1.2	4	60	1	.01	.006	2	17	.02	3	.01	4	.02	.01	.01	2	9
A-Y-6	2	7	86	7	.4	6	2	52	.72	11	5	ND	4	8	.2	2	2	1	.05	.020	9	10	.01	22	.01	4	.10	.01	.07	1	7
A-Y-7	1	72	26	22	.1	4	3	51	3.43	55	5	ND	3	9	.2	2	2	27	.01	.149	6	7	.01	19	.01	6	.20	.01	.05	341	12
A-Y-8	3	16	39	43	.2	23	9	42	3.74	10	5	ND	1	3	.2	2	2	2	.01	.022	3	15	.01	29	.01	6	.09	.01	.03	13	35
A-Y-9	5	70	203	52	1.3	11	3	98	1.79	92	5	ND	1	1	.2	15	2	8	.01	.011	2	18	.01	14	.01	2	.05	.01	.01	3	460
A-Y-10	1	5	3	29	.1	10	8	700	4.31	3	5	ND	1	1	.2	2	2	1	.01	.003	2	5	.03	2	.01	3	.03	.01	.01	4	4
A-Y-11	3	7	5	39	.1	12	2	147	.94	4	5	ND	1	3	.2	2	2	1	.01	.003	2	17	.01	16	.01	3	.10	.01	.05	3	1
A-Y-12	2	8	5	95	.1	28	16	402	14.65	4	5	ND	1	3	.2	2	2	2	.01	.019	2	6	.01	13	.01	5	.07	.01	.02	1	4
A-Y-13	1	7	2	16	.1	11	3	337	1.18	2	5	ND	1	2	.2	2	2	1	.01	.012	2	7	.01	10	.01	2	.03	.01	.02	1	30
RE A-Y-10	1	5	2	32	.1	11	9	731	4.55	2	5	ND	1	1	.2	2	2	1	.01	.003	2	6	.03	4	.01	2	.03	.01	.01	4	1
A-Y-14	3	99	40	120	.1	37	13	99	11.20	3	5	ND	2	2	.2	2	3	1	.01	.077	4	13	.01	11	.01	2	.19	.01	.06	1	4
AST-1-91	2	34	6114	61	41.8	34	18	483	2.81	2	5	ND	1	2	1.2	2	101	1	.03	.005	2	9	.14	4	.01	4	.02	.01	.01	1	15
AST-2-91	1	10	714	1194	5.8	36	7	302	2.18	34	5	ND	1	3	6.0	2	11	1	.04	.012	2	23	.02	10	.01	4	.03	.01	.01	1	490
AST-3-91	3	34	7360	2309	54.5	49	181	89	11.91	154	5	3	1	6	12.4	2	122	1	.08	.001	2	10	.04	7	.01	4	.07	.01	.03	1	4380
AST-4-91	2	6	83	24	2.9	5	2	47	.68	594	5	ND	2	5	.2	6	2	1	.01	.003	3	9	.01	16	.01	2	.07	.01	.07	1	470
AST-5-91	1	3	95	37	.3	10	2	707	1.34	16	5	ND	2	222	.2	2	3	1	13.86	.004	2	3	5.32	20	.01	2	.04	.01	.03	1	12
VGA-1	4	39	57	77	.5	31	10	698	3.96	9	5	ND	1	51	.3	2	2	3	2.04	.011	2	19	.51	23	.01	2	.08	.01	.02	2	400
STANDARD C/AU-R	18	58	38	127	6.8	67	29	994	4.02	38	16	7	37	51	19.0	16	20	55	.46	.084	35	60	.83	172	.08	34	1.87	.06	.14	12	490

Sample type: . Samples beginning 'RE' are duplicate samples.

APPENDIX B. ROCK SAMPLE DESCRIPTIONS

SAMPLE #	Loc.	Type	Description
A-Y-1	11+00N 9+75W	Grab	Sample of siliceous conglomerate. Locally up to 50% qtz. clasts.
A-Y-2	20+00N 1+50E	Grab	White quartzite; 2-3% dis. py.
A-Y-3	Ridge N. Grid	Grab	Ded. qtz. vein 338` 50W in sch. siltstone. Up to 2 meters; minor limonite & wallrock incl.
A-Y-4	As Above 30m. S.	Grab	Limonite & white bull qtz.
A-Y-5	As Above	Grab	15cm. qtz. vein 120` 75S. Local galena at vein contacts. Galena up to 5cm by 1cm with clear qtz. along vein walls.
A-Y-6	200m. E. #5	Grab	qtz. pebble cong. Float with minor limonite.
A-Y-7	17+00N 7+00E	Grab	Rusty qtz. stockworks in brecciated phyllite and quartzite.
A-Y-8	16+50N 7+00E	Grab	1m. qtz. vein; minor limonite; near old workings.
A-Y-9	Trench 15	Grab	>50% qtz. clasts at wall of large vein.
A-Y-10	15+50N 6+50E	Grab	1m. qtz. vein in old pit.
A-Y-11	10m. NE #10	Grab	vein at 035`; vein contains ankeritic or sideritic vugs.
A-Y-12	50m. NE #11	Grab	1m qtz vein with schist inclusions from old workings.
A-Y-13	14+50N 11+00E	Grab	50m area of vein rubble; mainly bull qtz. sample from rare ankerite-limonite area.
A-Y-14	12+00N 13+00E	Grab	1m qtz vein at 130`; strong limonite & muscovite.
AST-1-91	Fig. 2	Grab	qtz. vein trace py. <8cm.
AST-2-91	19+00N 7+15W	Grab	.3-.5m. qtz vein with galena & py. 095`
AST-3-91	" "	Grab	Visible galena and pyrite.
AST-4-91	N. of Grid	Grab	qtz. breccia on hanging wall of a 1.75m. N-S vein with ankerite and pyrite.
AST-5-91	50m. E. #4	Grab	Orange brown weathered breccia.

APPENDIX C: COST STATEMENT

R. YORSTON	GEOLOGIST	13 DAYS @ 300/DAY	$ 3900.00
P. NEWMAN	PROSPECTOR	10 DAYS @ 200/DAY	2000.00
J. RASMUSSEN	PROSPECTOR	7 DAYS @ 200/DAY	1400.00
V. GUINET	PROSPECTOR	10 DAYS 2 200/DAY	2000.00
P. CHRISTOPHER	P.ENG.	2 DAYS REPORTING	800.00

DISBURSEMENTS

GEOCHEMISTRY (ACME ANALYTICAL)	$ 7609.31	
FUEL	332.23	
ROOM & BOARD	920.08	
MATERIALS & SUPPLIES	113.69	
DRAFTING	132.43	
		9186.13

RENTALS

4X4 TRUCK	10 DAYS @ $50/DAY	500.00
4 TRAC ATV	10 DAYS @ $25/DAY	250.00
CAMP	10 DAYS @ $50/DAY	500.00

SUB TOTAL	$ 20,436.13
10% MANAGEMENT	2,043.61
7% GST ON $13,393.61	937.55
TOTAL COSTS	$ 23,417.29

PROFESSIONAL PROVINCE OF P. A. Christopher ENGINEER

PETER A. CHRISTOPHER, P.ENG.
FEBRUARY 21, [illegible]

Peter Christopher & Associates Inc.
GEOLOGICAL & EXPLORATION SERVICES
3707 West 34th Ave., Vancouver, B.C. V6N 2K9
Office/Res: 263-6152

February 21, 1992

S.M.A. Resources Ltd.
7475 Almond Place
Burnaby, B.C. V3N 4V5

Dear Sirs:

I, Peter A. Christopher, Ph.D., P.Eng., hereby consent to the use of my report dated February 21, 1992 on the Aster Property, Cariboo Mining Division, Yanks Peak Area, British Columbia, in any Filing Statement, Statement of Material Facts, or Filing of Assessment by S.M.A. Resources Ltd. or Annex Exploration Corp.

Dated at Vancouver, British Columbia, this 21st day of February 1992.

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


GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,150
ASTER 5
ASTER 4
ASTER 3
ASTER 2
15+00 N
10+00 N
5+00 N
1+00 N
18+00N
16+00N
14+00N
12+00N
10+00N
8+00N
6+00N
4+00N
5+00E
10+00E
15+00E
B.L. 00
5+00W
10+00W
AST2 -490
AST3 - 4380
Y2-34
Y7-12
Y8-35
Y12-4
Y11-1
Y10-4
Y13-30
Y14-4
Y1-15
LEGEND
... Soil sample location
ATr.30 1-31/.5 Trench location & №. — Au ppb / Ag ppm
A1-88-4/.3 Rock grab sample & №. — " " / " "
×AST2-490 Rock sample 1991 — Au ppb
S.M.A. RESOURCES LTD.
ASTER PROPERTY
TRENCH AND ROCK SAMPLING
LOCATION MAP (1)
N.T.S. 93A -14W
CARIBOO M.D., B.C.
0 100 200 400 METRES
P.A. CHRISTOPHER & ASSOCIATES INC.
SCALE 1:5000
DATE: FEB 1992.
FIGURE 4
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
P. A. Christopher

CHONG


GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,150
ASTER 5
ASTER 4
ASTER 3
ASTER 2
B.L. 00
5+00E
10+00E
15+00E
5+00W
10+00W
15+00N
10+00N
5+00N
18+00N
16+00N
14+00N
12+00N
10+00N
8+00N
6+00N
4+00N
LEGEND
Soil sample location
(Value < 6 ppb Au are not shown)
1991 soil sample location
Contours at 10, 30 ppb Au
S.M.A. RESOURCES LTD.
ASTER PROPERTY
SOIL GEOCHEMISTRY
GOLD
2
N.T.S. 93A-14W
CARIBOO M.D., B.C.
0 100 200 400 METRES
P.A. CHRISTOPHER & ASSOCIATES INC.
SCALE 1:5000
DATE: FEB. 1992.
FIGURE 10
CHONG


GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,150
ASTER 5
ASTER 4
ASTER 3
ASTER 2
B.L.00
5+00E
10+00E
15+00E
5+00W
10+00W
15+00N
10+00N
5+00N
18+00N
16+00N
14+00N
12+00N
10+00N
8+00N
6+00N
4+00N
N
LEGEND
... Soil sample location
(Value < .3 ppm Ag are not shown)
.... 1991 soil sample location
Contours at 1.0, 3.0 ppm Ag
S. M. A. RESOURCES LTD.
ASTER PROPERTY
SOIL GEOCHEMISTRY
SILVER
N.T.S. 93A-14W
CARIBOO M.D., B.C.
0 100 200 400 METRES
P.A. CHRISTOPHER & ASSOCIATES INC.
SCALE 1:5000
DATE: FEB. 1992.
FIGURE 11
CHONG


GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,150
ASTER 5
ASTER 4
ASTER 3
ASTER 2
B.L. 00
5+00E
10+00E
15+00E
15+00N
10+00N
5+00N
4+00N
5+00W
10+00W
18+00N
16+00N
14+00N
12+00N
10+00N
8+00N
6+00N
4+00N
LEGEND
Soil sample location
(Value <40 ppm Pb are not shown)
1991 soil sample location
Contours at 40,90 ppm Pb.
S.M.A. RESOURCES LTD.
ASTER PROPERTY
SOIL GEOCHEMISTRY
LEAD
4
N.T.S. 93A-14W
CARIBOO M.D., B.C.
0 100 200 400 METRES
P.A. CHRISTOPHER & ASSOCIATES INC.
SCALE 1:5000
DATE: FEB. 1992.
FIGURE 12
CHONG


GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,150
ASTER 5
ASTER 4
ASTER 3
ASTER 2
15+00N
10+00N
5+00N
1+00N
5+00E
10+00E
15+00E
B.L.00
5+00W
10+00W
18+00N
16+00N
14+00N
12+00N
10+00N
8+00N
6+00N
4+00N
N
LEGEND
Soil sample location
(Value (20ppm As are not shown)
1991 soil sample location
S.M.A. RESOURCES LTD.
ASTER PROPERTY
SOIL GEOCHEMISTRY
ARSENIC
5
N.T.S. 93A-14W
CARIBOO M.D., B.C.
0 100 200 400METRES
P.A. CHRISTOPHER & ASSOCIATES INC.
SCALE 1:5000
DATE: FEB. 1992.
FIGURE 13
CHONG