ARIS SUMMARY SHEET

District Geologist, Kamloops — Off Confidential: 89.02.17

ASSESSMENT REPORT 17077 — MINING DIVISION: Similkameen

PROPERTY: Prime
LOCATION: LAT 49 45 30 LONG 120 29 00
UTM 10 5514582 681260
NTS 092H16W
CLAIM(S): Prime,Prime 1
OPERATOR(S): Cons. Silver Butte Mines
AUTHOR(S): Christopher, P.A.
REPORT YEAR: 1987, 22 Pages
COMMODITIES SEARCHED FOR: Copper,Gold
GEOLOGICAL SUMMARY: The property is underlain by Upper Triassic Nicola Group volcanic rocks that have been intruded by fine-grained feldspar porphyry, diorite and syenite. Copper and gold mineralization occurs in structurally controlled zones with mainly malachite, azurite and neotocite near surface and chalcopyrite plus minor bornite increasing at depth. Pyrite occurs as both fracture and disseminated mineralization with chalcopyrite.
WORK DONE: Geochemical
ROCK 9 sample(s) ;ME
SOIL 350 sample(s) ;ME
RELATED REPORTS: 06412,06877,06900,07430,07521,08241,08364,08692,09649,13932,16985
MINFILE: 092HNE055,092HNE056,092HNE110

GEOPHYSICAL REPORT ON THE PRIME PROPERTY

NICOLA & SIMILKAMEEN MINING DIVISIONS

SUMMERS CREEK, BRITISH COLUMBIA

CLAIMS

PRIME (702), PRIME 1 (323)

LOCATION

N.T.S.: 92H-16W
LATITUDE: 49° 45' 40"
LONGITUDE: 120° 29' 33"

OPERATOR

CONSOLIDATED SILVER BUTTE MINES LTD.
906 - 837 WEST HASTINGS STREET
VANCOUVER, B.C. V6C 1B6

OWNER

GIANT PIPER EXPLORATION INC.
1850-1140 WEST PENDER STREET
VANCOUVER, BRITISH COLUMBIA
V6E 4G1

BY

PETER A. CHRISTOPHER Ph.D., P.Eng.
PETER CHRISTOPHER & ASSOCIATES INC.
3707 WEST 34th AVENUE
VANCOUVER, BRITISH COLUMBIA V6N 2K9

NOVEMBER 26, 1987

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SUMMARY

The Prime Property, consisting of 2 metric claims totaling 24 units is situated southeast of Missezula Lake and east of Summers Creek. The claims are adjacent to the Missezula Lake Road from kilometers 28 to 30 from Highway 5. The claims were staked to cover copper showings in the Nicola Volcanics with renewed interest generated by detection of gold values near the southern boundary of the Prime claim by prospector Ed Mullin in 1978. Previous drilling and surface sampling by Newmont Exploration of Canada Ltd. has indicated a copper zone 200 meters by 15 to 30 meters with a 5 meter section in a trench averaging over 0.25 oz Au/ton. The government mineral inventory 92H-NE 55 and 92H-NE 56 indicates reported reserves of 23,000,000 ton with a 0.20 copper cut-off for the Primer or King George.

The present program consisted of marking of the southern claim boundary, location of the old King George workings, construction of a chained and flagged grid with a 1.2 kilometer base line and 8.5 kilometers of cross lines. A total of 350 soil and eight rock samples were collected at 25 meters intervals with alternate soil samples (126) from line 0+00 to 6S and nine rock samples analyzed for 30 element ICP and gold geochem at Acme Laboratory in Vancouver. The remaining soil samples were dried and store for future analytical work.

Soil geochemical plots were made for gold, copper and molybdenum which showed the most significant responses with gold varying from 1 to 420 ppb, copper from 16 to 950 ppm and molybdenum from 1 to 20 ppm. Strong copper, molybdenum and gold generally occur together with the strongest response in the area of the old King George workings. The best potential in the area is for a previously unrecognized gold zone within the previously known copper prospect.

The writer recommends that stored soil samples, collected from within anomalous copper, molybdenum and gold zones be analyzed before deciding if trench and/or drilling of a possible gold zone is warranted.

INTRODUCTION

The Prime Property consisting of the 24 units is situated in the Nicola and Similkameen Mining Divisions about 30 kilometer north of Princeton, British Columbia. The property has easy road access to the western boundary with two and four-wheel-drive access to the showings. Peter Christopher & Associates Inc. was retained by the management of Giant Piper Exploration Inc. to conduct a geological and geochemical assessment of the Prime Property. The 1987 field program was conducted between October 16, 1987 and October 27, 1987.

This report summarizes the geochemical results obtained from 126 soil samples and 9 rock samples collected from the Prime Property and provides a recommendation for further analytical work on samples collected during the 1987 field program.

LOCATION AND ACCESS (Figures 1 & 2)

The Prime Property is situated west of Summers Creek and east of Missezula Lake. The western claim boundary extends along the Missezula Lake Road from 28 to 30 kilometers east of Highway 5. The legal corner post for the Prime claim is on the east side of the Missezula Lake road at a bridge crossing of Summers Creek. The area is considered part of the Thompsom Plateau of south-central British Columbia. The property is situated at the southwest corner of map sheet 92 H 16W and centers at geographic coordinates of 049° 45' 40" N. latitude and 120° 29' 33" W. longitude.

Access is by the Missezula Lake Road which branches off Highway 5 about 8 kilometers north of Princeton, British Columbia. Missezula Lake is 30 kilometers by good gravel road from Highway 5. The Prime Property can be reached by a 3.5-kilometer of two and 4-wheel-drive road that branches to the east from the main road about 1.5 kilometers south of Missezula Lake. making for slow progress. Elevation vary from 975 meters (3100 feet) in the valley bottom to 1550 meters (5,100') in the eastern claim area.

PROPERTY DEFINITION

The Prime Property, consisting of 24 grid unit is situated in the Nicola and Similkameen Mining Divisions, B.C. The claims were staked using the modified grid system with the Prime claim extending four units north and four units east from a legal corner post situated adjacent to the Missezula Lake Road and the Prime 1 claim extending four units east and 2 units south from a legal corner post situated east of Missezula Lake. The Prime 1 claim was staked by Pat Henry on May 14, 1976 and sold to Piper Petroleums Ltd. on January 5, 1977. The Prime claim was staked on July 28, 1979 by Gordon Gutrath as agent for Piper Petroleums Ltd. The Prime claim was a relocation of the abandoned Prime 47(5) claim.

Table 1 summarizes pertinent claim data and Figure 1 and 2 shows the approximate location of the Prime claims. The legal corner post and the 1E, 2E, 3E and 4E post for the Prime claim were located in the field. The southern boundary of the Prime Claim and was blazed and flagged. The location of the surveyed area is shown on Figure 2.

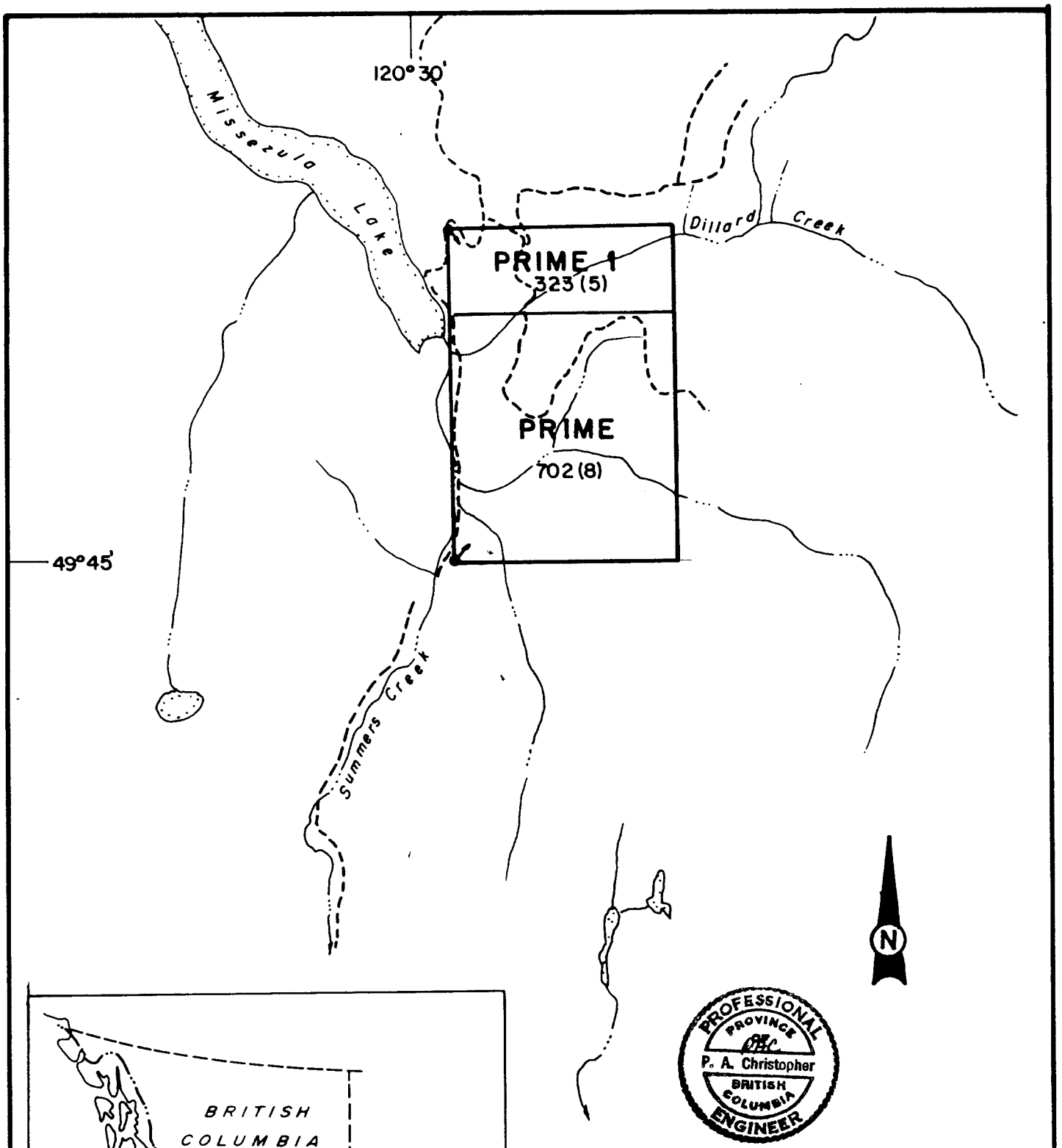
Table I. Pertinent Claim Data For MS Claims.

CLAIM	RECORD #	UNITS/SHAPE	RECORD DATE	EXPIRY*	STAKER
PRIME 1	323(5)	8/2SX4E	MAY 20/~~86~~ 76 PMC	1988	PAT HENRY
PRIME	702(8)	16/4NX4E	AUG. 21/79	1988	GORDON GUTRATH

* Before recording work summarized in this report.

HISTORY OF THE CLAIMS

The Prime 1 claim was staked by Pat Henry in May 1976 and the Prime claim was staked in July 1979 by Gordon C. Gutrath as agent for



PROFESSIONAL ENGINEER
PROVINCE OF B.C.
P. A. Christopher
BRITISH COLUMBIA

CONSOLIDATED SILVER BUTTE MINES LTD.

PRIME CLAIMS
CLAIM MAP

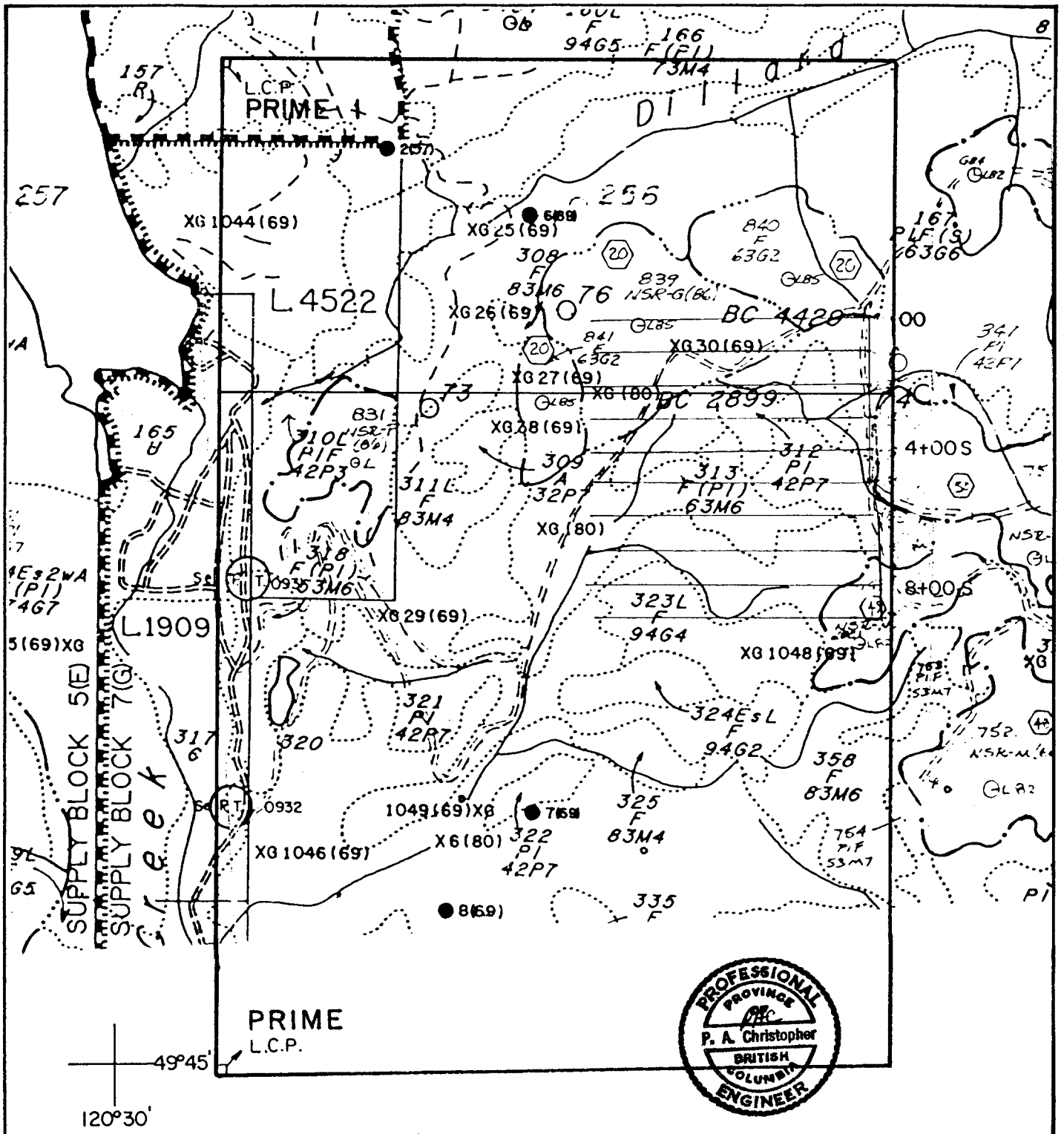
N.T.S. 92 H-16 W — SIMILKAMEEN M.D., B.C.

0 1 2 3 KM.

P. A. CHRISTOPHER & ASSOCIATES LTD.

SCALE 1:50,000	NOV. 1987	FIGURE 1

CHONG



CONSOLIDATED SILVER BUTTE MINES LTD.

PRIME CLAIMS
GRID LOCATION

N.T.S. 92H-16W SIMILKAMEEN M.D., B.C.

0 200 400 600 METRES

P.A. CHRISTOPHER & ASSOCIATES LTD.

SCALE	NOV. 1987	FIGURE 2

CHONG

Piper Petroleums Ltd. (name changed to Giant Piper Petroleum Inc.) to relocated the abandoned Prime 47(5) claim. The claims were staked to cover part of a property known as the King George. The King George was explored by McIntyre Porcupine Mines Limited in 1962 and by Primer Group Minerals between 1963 and 1970 with portions of the claims explored by Perry, Knox, Kaufman, Inc in 1971 and by Belcarra Explorations Ltd. and Riocanex in 1972 and 1973. Exploration included geological mapping, soil geochemical, magnetic, electromagnetic and induced polarization, stripping and trenching surveys with at least 31 percussion holes totaling 4,192 feet and 33 diamond drill holes totaling 13,909 feet. In 1977 and 1978, Piper Petroleums Ltd. explored the property with magnetic, electromagnetic, and geochemical surveys which defined targets for stripping.

In 1978 a group of local prospectors (Edward Mullin, Gerald Burr and William Stevens) found copper showing south of the Prime claim and located the MS and HG claims. In August 1979 they optioned the adjoining Prime claim from Piper Petroleums and optioned the combined property to Newmont Exploration of Canada Ltd. Newmont worked the property between 1979 and 1981. Reports by John Nebocat and Dave Visagie outline geological, geophysical, geochemical, trenching and diamond drilling programs conducted on the property. A total of 12 holes totaling 2,550 meters were drilled by Newmont on a copper-gold zone that straddles the Prime-HG claim boundaries. Newmont reported a copper zone 200 meters long by 10 - 30 meters wide with an average copper content of 0.3 - 0.4%. The highest gold value obtained from the drilling was 3 meters of 0.2 ounces per ton. The potential for small tonnage high grade deposits was not fully tested by Newmont.

The Prime-HG-MS Property was optioned to Peter A. Christopher in 1984 and 1985 with magnetic, electromagnetic, soil geochemical and geological surveys completed before returning the property to the vendors. In 1986 the Prime claim was returned to Giant Piper Exploration Inc.

In October of 1987, Peter Christopher & Associates Inc. was retained by the management of Giant Piper to conduct a geological and geochemical assessment of the Prime Property. This report review of the results of surveys conducted between October 16 and October 27, 1987.

WORK PROGRAM

The 1987 work program was conducted by the writer with the assistance of prospectors F. Haidlauf and J. Lissau and assistant C. Reynolds between October 16, 1987 and October 27, 1987. Mobilization for the program was from Vernon, Olalla, and Vancouver, British Columbia with meals and accommodation obtained in Princeton, B.C. A total of about 10 line kilometers of grid was chained with 350 stations flagged and soil sampled at 25 meter intervals. The grid location is shown on Figure 2 with geochemical values for copper, gold and molybdenum shown on Figure 3 through 5 and analytical data presented in Appendix B. Descriptions and locations of 9 rock samples are presented in Appendix C and a cost statement for the program is presented as Appendix A.

REGIONAL GEOLOGY

The Prime Property is situated in the Intermontane Tectonic Belt of the southern Canadian Cordillera. In southern British Columbia the upper Triassic Nicola Group dominates the belt. The Nicola Group consists mainly of alkalic and calc-alkalic volcanic and volcaniclastic rocks that have been divided by Preto (1979) into three north-trending structural belts, bounded by major faults. The Summers Creek fault zone running along the western boundary of the Prime Claim separates rocks of Preto's Central Belt from rocks of the Eastern Belt which underlie the property. Eastern Belt rocks along Summers Creek include both alkalic and calc-alkalic suites derived from comagmatic intrusions and are dominated by extrusive tuffs, lahar deposits, some basaltic flows, and high-level syenitic stocks (Preto, 1979; Christopher, 1973).

The Alleyne-Summers Creek fault system, a major north-south rift system passes along the western boundary of the claim and dominates the tectonic fabric of the property. Local faults generally parallel the northerly trend but N20^{o}W and N40-45^{o}E linears are probably also important fault directions.

Nicola rocks are generally only weakly metamorphosed with maximum regional grade reaching greenschist facies. Locally comagmatic intrusions have produced metasomatic and metamorphic effects with deposits like Ingerbelle, Copper Mountain, Afton, Axe and Craigmont resulting.

MINERALIZATION

The Prime Property contains a number of structurally controlled copper bearing zones (B.C. Mineral Inventory 92H-NE, 55, 56, 110) with potential for precious metal enhanced 'syenitic' copper deposits. A zone near the southern boundary of the property was explored by Newmont Exploration of Canada Ltd. with a copper zone 200 meters long by 10 to 30 meters wide estimated by Newmont to contain 0.3 to 0.4% copper. The copper mineralization occurs mainly as the secondary minerals malachite, azurite, and neotocite. Chalcopyrite occurs as disseminations in fine alkalic intrusive and as fracture fillings. Pyrite generally occurs with chalcopyrite and minor bornite has been observed in a trench and in core (Nebocat, 1980).

Gold values of up to 3 meters of 0.204 oz Au/ton were intersected in drill hole 80-1 with a 14 meter section in a surface trench averaging 0.104 oz Au/ton. Gold values were reported to occur in fault zones that separated mineralized from fresh, unaltered rock.

Previous exploration on the property occurred in structurally controlled copper zones referred to as the King George (Rice, 1960) resulted in reported reserves of 23,000,000 with a copper cut-off of 0.2% (B.C. Mineral Inventory 92H-NE 56). The mineralization is described as occurring in two zones: a zone of silicified Nicola Volcanics with pyrite and chalcopyrite and a zone of minor pyrite and chalcopyrite associated with calcite veinlets and stringers. Little information is available on the precious metal content of the King George copper prospects.

GEOCHEMICAL SURVEY

Soil samples were collected at 25 meter intervals along cross lines extending at 270° from a base line established near the eastern boundary of the Prime Claim (Figure 2). Soil samples were collected over the area of the old King George workings to test the precious metal potential of the copper bearing zone. A total of 350 soil samples were collected from the B horizon at about 20 cm, placed in craft soil bags and dried. A total of 126 of the soil samples were selected for 30 element ICP and atomic absorption gold analyses. Alternate sample sites along lines 0+00 to 6+00S were analyzed with remaining samples stored for future analytical work.

The B horizon was sampled with a mattock at a depth of about 20 cm. The B horizon is generally greyish brown. Sample stations were chained and flagged with orange and blue flagging.

RESULTS AND INTERPRETATION

Review of the analytical data for the 30 element ICP indicated that anomalous results were mainly restricted to Mo, Cu and Au. Results for Cu, Au and Mo were plotted and contoured on 1:5,000 scale maps (Figures 3, 4, 5). Background, slightly anomalous and anomalous ranges were based on other surveys conducted over Nicola volcanic terrain. Statistical treatment was not attempted because of the low number of samples. Analytical results are included in the Appendix B at the end of this report.

Copper

Copper values range from 10 ppm to 480 ppm with values between 70 and 150 ppm considered weakly anomalous and values over 150 considered anomalous. A total of 51 samples were weakly anomalous or anomalous with 22 of these sample in the anomalous range. About 40% of the samples are at least weakly anomalous in copper with over 17% of the samples anomalous in copper. A strong northeasterly trending zone of anomalous copper values extends from about line 6S 8+00W to line 0+00 5+50W and a weaker discontinuous northerly trending copper anomaly occurs between 1+00W and 2+00W. Although silver values are not strongly anomalous, the higher silver results occur with the anomalous copper values (ie. all Ag values of 0.7ppm or higher).

Silver

Silver ranges from the detection limit of 0.1ppm to 1.0ppm with values between 0.6ppm and 1.0ppm considered weakly anomalous. A total of 23 weakly anomalous values were detected. The strongest silver values of 0.9ppm and 1.0ppm occur with the strongest copper and gold on line 2S from 5+50W to 6+00W.

Gold

Gold ranges from a lower detection limit of 1ppb to 420ppb at line 2S 6+00W with values of 20 ppb considered anomalous and values over 99ppb considered strongly anomalous. A total of 20 anomalous values were detected with 3 of the values strongly anomalous. Anomalous gold values generally occur with anomalous copper and molybdenum values.

8+00W

4+00W

B.L.00

0+00

4+00S

8+00S

Main road

gate

Clearing

7 1 1 1 3 32 1 16 4 5 22 19 53 1 3 1 8 20

2 9 33 7 1 1 8 41 16 80 15 121 9 47 4 7 16 6

1 1 1 3 7 420 114 4 1 32 5 16 6 1 14 18 1 1

1 4 17 13 8 33 1 1 11 27 1 6 36 11 1 1 1 1

98 3 10 8 5 1 5 3 4 2 1 2 17 15 7 31 5 3

5 1 12 17 5 1 1 3 2 2 2 1 5 12 10 2 3 5

1 2 1 21 18 29 1 14 10 78 11 15 14 9 8 9 2 5

LEGEND

△ Survey pegs

Soil sample location

20 ppb Au

100 " "

N

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA P. A. Christopher

CONSOLIDATED SILVER BUTTE MINES LTD.

PRIME CLAIMS
Au IN PPB

N.T.S. 92H-16W SIMILKAMEEN M.D., B.C.

0 100 200 300 METRES

P. A. CHRISTOPHER & ASSOCIATES LTD.

SCALE 1:5000	DATE: NOV. 1987	FIGURE 3

CHONG

8+00W

4+00W

B.L.00

0+00

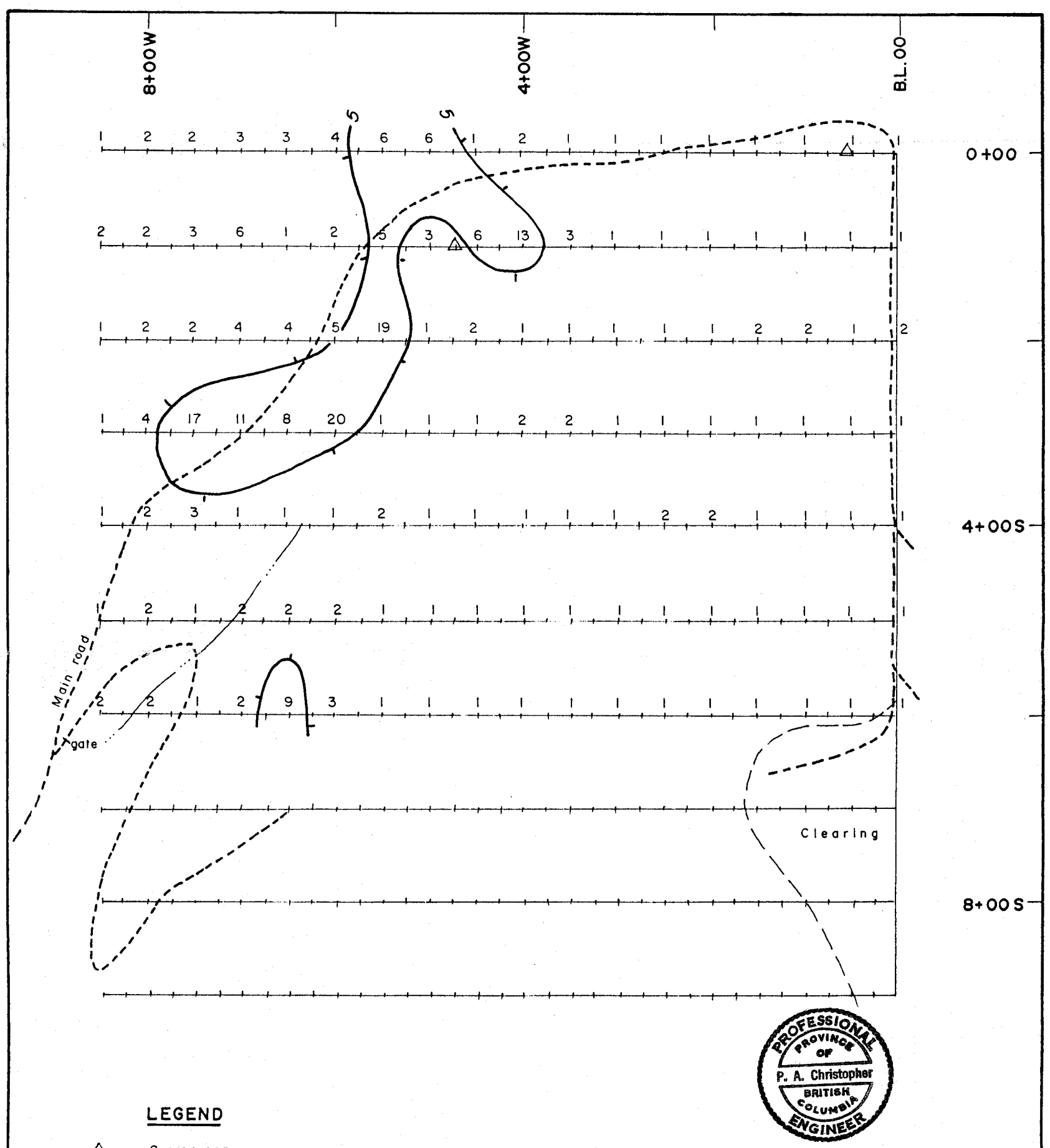
4+00S

8+00S

Main road

gate

Clearing



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LEGEND

△ Survey pegs

Soil sample location

5 ppm Mo

N

CONSOLIDATED SILVER BUTTE MINES LTD.

PRIME CLAIMS

Mo IN PPM

N.T.S. 92H-16W

SIMILKAMEEN M.D., B.C.

0 100 200 300 METRES

P. A. CHRISTOPHER & ASSOCIATES LTD.

SCALE 1:50.00	DATE: NOV. 1987	FIGURE 4

CHONG

8+00W

4+00W

B.L.00

0+00

4+00S

8+00S

27 28 72 38 114 119 243 133 67 62 73 69 103 69 27 617 71 140

43 47 87 221 37 88 172 230 336 333 126 97 33 25 24 26 36 52

35 103 38 224 235 669 950 706 74 43 27 74 78 26 536 394 23 77

32 166 731 451 348 530 62 55 58 74 53 20 59 46 31 35 29 56

44 103 108 77 66 38 128 42 43 31 24 57 162 144 172 46 40 66

100 38 61 358 73 91 51 91 42 44 34 15 63 113 35 104 41 69

108 119 50 126 204 191 56 58 46 36 16 28 31 31 43 35 29 30

Main road

gate

Clearing

LEGEND

△ Survey pegs

Soil sample location

70 ppm Cu

100 " "

150 " "

N

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CONSOLIDATED SILVER BUTTE MINES LTD.

PRIME CLAIMS

Cu IN PPM

N.T.S. 92H-16W SIMILKAMEEN M.D., B.C.

0 100 200 300 METRES

P. A. CHRISTOPHER & ASSOCIATES LTD.

SCALE 1:50.00	DATE: NOV. 1987	FIGURE 5

CHONG

Molybdenum

Molybdenum values vary from a lower detection limit of 1ppm to 20ppm with 13 values of 5ppm or greater considered anomalous. The anomalous values for molybdenum are mainly in the northern part of the grid area and occur with anomalous copper and/or gold.

Rock Samples

A total of 9 rock samples were collected to check copper stained or iron sulphide bearing rocks for precious metal content. Samples K107 to K109 were from a trenched area near 2S 1+50W and K106 consisted of selected pieces near line 0+00 5+00W. Samples K105 and K105 were from old core at a main campsite near 2S 1+00E. Samples K101 and K102 were from the north end of a road-trench at about line 7S 6+50W and sample K103 was a 10 foot chip at 4S 8+00W on the main access road. Sample K106 contained 7084ppm copper, 331ppm molybdenum, 3.1ppm silver and 149ppb gold with the highest gold value of 210ppb from 10 foot chip sample K107.

CONCLUSIONS AND RECOMMENDATIONS

Soil sampling of part of the old King George showings has indicated the existence of anomalous gold condition in conjunction with northerly and northeasterly anomalous trends for copper and molybdenum. The strongest gold response is 420ppb for a sample on 2S at 6+00W with 114ppb gold in the sample at 2S 5+50W. Encouraging percious metal values obtained from analyses on 126 of 350 samples collected provide justification for further analytical work on stored samples.

A decision to trench and/or drill precious metal anomalies should be made after further analytical work is completed.

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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 interest in the properties or securities of Giant Piper Exploration Inc. or Consolidated Silver Butte Mines Ltd.

6) I have based this report on a review of available geological data, on sveral examination of the property with the most recent examinations on October 16, 24, 25, 1987, and on a geochemical exploration program conducted under my supervision between October 16, 1987 and October 27, 1987.

7) I consent to the use of this report by Consolidated Silver Butte Mines Ltd. for any Filing Statement, Statement of Material Facts or Assessment Report.

Peter A. Christopher

PETER A. CHRISTOPHER, Ph.D., P.Eng.
November 26, 1987

PROFESSIONAL ENGINEER OF BRITISH COLUMBIA

APPENDIX A COST STATEMENT

PERSONNEL

Peter Christopher	OCT. 23-25/87		$ 1,125.00
Consultant & Project Management		3 days @$375ea.	
Frank Haidlauf	Oct. 23-27/87		800.00
Prospector		5 days @$160ea.	
John Lissau	Oct. 23-27/87		800.00
Prospector		5 days @$160ea.	
Chris Reynolds	Oct. 23-25/87		240.00
Assistant		3 days @ $80ea.	

ROOM AND BOARD	16 man days @ $40ea.	640.00

TRANSPORTATION

4 x 4 Truck	3 days @ $ 40/day	120.00
Vehicle Mileage	1400km @ 0.20ea.	280.00
4 x 4 Truck	932km @ 0.35ea.	323.05

SHIPPING	20.35
GEOCHEMISTRY	1505.25

EXPENDABLES & EQUIPMENT RENTAL

Soil & Rock Bags:	400 @ $ 0.15ea.	$ 60.00
Chain	6 rolls @ $ 4.00ea.	24.00
Flagging	3 boxes @ $15.00ea.	45.00
Note Books, Markers, Office Sup.		20.00
Chain Saw Rental	5 days @ $5 ea.	25.00
Phone		23.63
Maps & Reports		7.49
Shipping Containers		5.00
		165.12

WORD PROCESSING, PRINTING, BINDING, DRAFTING, OFFICE	356.23
REPORT WRITING AND COMPILATION	1,125.00
TOTAL	$ 7,500.00

Peter A. Christopher, B.Sc., P.Eng.
November 26, 1987

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — P. A. Christopher

APPENDIX B.

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

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-4 SOIL P5-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 3 1987 DATE REPORT MAILED: Nov 13/87 ASSAYER..D.Toye..DEAN TOYE, CERTIFIED B.C. ASSAYER

PETER A. CHRISTOPHER PROJECT-PRIME-1 File # 87-5375 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
0+00S 8+50W	1	27	3	56	.1	9	7	877	2.26	3	5	ND	1	19	1	2	2	52	.23	.065	2	12	.34	109	.08	3	1.65	.04	.06	1	7
0+00S 8+00W	2	28	2	61	.2	10	10	1281	2.62	3	5	ND	1	23	1	2	2	54	.29	.133	3	11	.30	106	.09	3	1.99	.04	.04	1	1
0+00S 7+50W	2	72	2	42	.1	12	6	207	1.95	4	5	ND	1	16	1	2	2	45	.27	.130	2	12	.22	76	.10	3	1.47	.03	.07	1	1
0+00S 7+00W	3	38	6	35	.4	8	5	374	1.79	2	5	ND	2	13	1	2	2	43	.17	.042	2	9	.17	51	.09	2	1.13	.03	.05	4	1
0+00S 6+50W	3	114	6	52	.5	16	9	569	2.57	2	5	ND	2	19	1	2	2	66	.23	.095	2	19	.46	97	.12	4	2.28	.04	.04	1	3
0+00S 6+00W	4	119	2	62	.1	16	10	432	2.86	3	5	ND	1	21	1	2	2	72	.30	.075	2	20	.58	83	.11	4	1.74	.04	.08	1	32
0+00S 5+50W	6	243	4	64	.3	19	15	466	3.98	4	5	ND	2	26	1	2	2	93	.30	.086	5	25	.70	108	.14	3	2.91	.04	.08	1	1
0+00S 5+00W	6	133	4	57	.7	16	11	473	3.74	4	7	ND	2	35	1	2	2	88	.35	.080	5	26	.68	98	.12	3	2.21	.04	.09	1	16
0+00S 4+50W	1	67	2	102	.2	17	10	393	2.72	5	5	ND	2	22	1	2	2	63	.29	.089	3	19	.43	82	.11	3	1.87	.04	.10	1	4
0+00S 4+00W	2	62	4	86	.3	16	10	864	3.09	2	5	ND	2	31	1	2	2	76	.44	.066	5	27	.49	98	.13	6	1.95	.04	.12	1	5
0+00S 3+50W	1	73	6	120	.3	16	13	876	3.34	2	5	ND	3	33	1	2	2	77	.42	.071	4	27	.70	104	.11	3	2.43	.04	.12	1	22
0+00S 3+00W	1	69	2	103	.3	17	12	909	3.19	4	5	ND	2	32	1	2	2	64	.40	.077	4	24	.59	125	.08	3	2.04	.04	.10	1	19
0+00S 2+50W	1	103	4	47	.3	16	9	367	3.58	7	5	ND	2	41	1	2	2	96	.70	.068	7	30	.65	42	.12	5	1.44	.05	.05	2	53
0+00S 2+00W	1	69	5	82	.3	27	12	612	2.63	3	5	ND	2	22	1	2	2	54	.49	.078	4	31	.47	90	.09	3	2.10	.04	.07	1	1
0+00S 1+50W	1	27	4	72	.1	12	7	407	2.26	5	5	ND	2	17	1	2	2	50	.26	.126	3	18	.33	103	.08	3	1.68	.04	.06	1	3
0+00S 1+00W	1	617	3	81	.7	14	4	98	1.65	2	5	ND	2	112	1	2	2	40	3.03	.052	8	16	.36	135	.06	8	1.56	.05	.03	1	1
0+00S 0+50W	1	71	5	63	.2	12	8	479	2.77	2	5	ND	1	25	1	2	2	75	.43	.051	4	20	.46	105	.11	3	1.63	.04	.07	1	8
BL 0+00	1	140	7	79	.1	18	14	811	3.75	5	5	ND	2	39	1	2	2	96	.70	.083	5	31	.94	152	.10	3	2.35	.05	.09	1	20
1S 8+50W	2	43	6	39	.1	10	8	284	2.69	2	5	ND	1	24	1	2	2	63	.27	.058	2	14	.50	95	.09	3	1.93	.04	.05	1	2
1S 8+00W	2	47	3	71	.4	15	8	564	2.31	2	5	ND	2	20	1	2	2	54	.26	.100	3	16	.37	91	.10	7	1.82	.04	.07	1	9
1S 7+50W	3	87	8	71	.2	15	9	511	2.78	8	5	ND	2	25	1	2	2	63	.51	.062	5	20	.44	87	.08	4	1.87	.04	.05	1	33
1S 7+00W	6	221	7	42	.3	32	11	190	4.06	2	5	ND	2	51	1	2	2	117	.34	.041	5	111	1.52	200	.21	5	2.33	.06	.36	1	7
1S 6+50W	1	37	2	43	.3	12	6	374	1.98	2	5	ND	1	24	1	2	2	44	.27	.142	2	15	.27	70	.10	2	1.50	.04	.07	2	1
1S 6+00W	2	88	7	76	.4	19	12	362	3.27	3	5	ND	3	28	1	2	2	75	.34	.102	4	23	.73	104	.12	4	2.47	.05	.11	1	1
1S 5+50W	5	172	8	65	.3	18	14	660	3.54	3	5	ND	2	28	1	2	2	77	.34	.069	4	24	.66	114	.11	4	2.32	.04	.11	1	8
1S 5+00W	3	230	5	82	.8	20	13	578	4.05	2	5	ND	3	40	1	2	2	93	.62	.067	6	30	.73	90	.13	5	2.19	.05	.31	1	41
1S 4+50W	6	336	8	99	.6	21	15	511	5.32	3	5	ND	3	48	1	2	2	133	.46	.107	6	33	1.01	139	.19	4	2.75	.06	.27	2	16
1S 4+00W	13	333	12	86	.8	22	19	750	6.49	2	5	ND	3	97	1	2	2	127	.58	.106	6	32	.90	121	.15	4	3.28	.05	.29	1	80
1S 3+50W	3	126	4	67	.3	17	10	503	3.29	2	5	ND	2	39	1	2	2	82	.52	.084	5	32	.67	98	.13	4	1.89	.05	.13	1	15
1S 3+00W	1	97	7	54	.5	17	9	362	3.87	3	5	ND	3	35	1	2	2	107	.57	.058	6	30	.63	66	.14	6	1.41	.04	.10	1	121
1S 2+50W	1	33	5	50	.2	13	7	424	2.99	2	5	ND	2	29	1	2	2	84	.46	.027	4	28	.49	72	.15	5	1.38	.04	.15	1	9
1S 2+00W	1	25	4	45	.3	14	7	377	2.75	2	5	ND	2	26	1	2	2	73	.39	.039	4	27	.42	80	.13	4	1.50	.04	.09	2	47
1S 1+50W	1	24	7	49	.3	11	6	328	2.33	5	5	ND	2	22	1	2	2	59	.34	.058	3	20	.35	91	.10	2	1.40	.04	.05	1	4
1S 1+00W	1	26	5	101	.1	9	5	1016	2.02	3	5	ND	1	27	1	2	2	41	.40	.143	3	14	.24	178	.07	5	1.43	.04	.05	1	7
1S 0+50W	1	36	9	91	.2	10	6	528	2.17	2	5	ND	2	20	1	2	2	48	.31	.127	4	16	.29	128	.08	4	1.61	.04	.05	1	16
1S 0+00W	1	52	6	54	.2	14	8	360	3.28	2	5	ND	2	28	1	2	2	88	.45	.052	6	30	.57	128	.12	3	1.82	.04	.04	1	6
STD C/AU-S	19	60	38	129	7.5	70	29	1101	4.14	41	21	8	40	49	19	18	20	60	.50	.092	40	62	.87	176	.09	36	1.86	.09	.14	14	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
2S 8+50W	1	35	5	70	.6	12	8	628	2.24	5	5	ND	3	25	1	2	2	50	.30	.140	3	14	.28	98	.11	8	1.96	.04	.10	2	1
2S 8+00W	2	103	8	60	.5	12	9	672	2.77	3	5	ND	2	18	1	2	2	64	.21	.111	4	16	.39	95	.13	3	2.71	.04	.07	2	1
2S 7+50W	2	38	6	56	.1	9	6	518	2.18	2	5	ND	1	17	1	2	2	52	.23	.107	2	14	.28	77	.11	5	1.72	.04	.06	1	1
2S 7+00W	4	224	5	56	.5	17	10	344	2.96	8	5	ND	2	25	1	2	2	75	.28	.082	3	25	.63	96	.14	5	2.38	.05	.12	2	3
2S 6+50W	4	235	7	66	.7	20	12	406	3.61	8	5	ND	3	31	1	2	2	85	.38	.065	6	31	.69	117	.12	5	2.40	.05	.13	1	7
2S 6+00W	5	669	5	63	.9	24	17	555	5.43	7	5	ND	4	44	1	2	2	127	.47	.074	8	39	.98	126	.15	5	2.83	.04	.15	1	420
2S 5+50W	19	950	10	68	1.0	19	12	407	5.47	10	5	ND	3	32	1	3	2	113	.34	.177	6	28	.72	97	.17	6	2.89	.05	.08	3	114
2S 5+00W	1	706	6	76	.6	36	8	207	2.26	3	5	ND	1	77	1	2	2	54	1.79	.079	8	22	.48	169	.06	6	1.85	.07	.06	1	4
2S 4+50W	2	74	3	64	.3	13	9	421	2.99	5	5	ND	2	29	1	2	2	76	.39	.090	3	21	.51	110	.12	6	1.88	.05	.08	1	1
2S 4+00W	1	43	4	74	.5	12	8	469	2.64	2	5	ND	2	24	1	2	2	65	.30	.091	3	18	.38	90	.11	3	1.67	.04	.08	1	32
2S 3+50W	1	27	4	48	.4	11	8	403	2.43	2	5	ND	2	21	1	2	2	59	.27	.076	2	16	.30	70	.11	4	1.55	.04	.06	2	5
2S 3+00W	1	74	7	83	.2	19	9	291	3.28	3	5	ND	2	29	1	2	2	84	.41	.078	3	27	.53	114	.12	7	2.36	.04	.10	1	16
2S 2+50W	1	78	4	87	.3	11	8	482	2.51	4	5	ND	2	20	1	2	2	61	.30	.070	2	17	.33	104	.08	4	1.55	.04	.08	1	6
2S 2+00W	1	26	5	44	.3	9	5	462	2.33	3	5	ND	1	30	1	2	2	62	.44	.042	2	19	.33	97	.10	3	1.28	.04	.09	3	1
2S 1+50W	2	536	5	59	.8	16	12	582	3.41	7	5	ND	2	40	1	3	2	86	.85	.079	6	28	.62	163	.11	6	1.76	.05	.11	1	14
2S 1+00W	2	394	8	63	.6	21	13	706	3.82	7	5	ND	2	55	1	2	2	101	1.26	.094	7	37	.88	132	.13	5	1.99	.06	.13	2	18
2S 0+50W	1	23	8	55	.4	11	6	367	2.41	2	5	ND	2	29	1	2	2	62	.40	.057	4	20	.36	107	.12	3	1.63	.04	.09	1	1
2S BL 0+00	2	77	8	49	.5	19	11	621	3.78	8	5	ND	3	55	1	2	2	108	.86	.092	9	40	.79	105	.15	6	1.82	.06	.09	2	1
3S 8+50W	1	32	5	69	.2	11	7	691	2.25	2	5	ND	2	23	1	2	2	49	.22	.176	3	11	.26	126	.10	3	1.63	.04	.06	1	1
3S 8+00W	4	166	5	56	.5	15	11	786	3.05	2	5	ND	2	34	1	2	2	69	.49	.049	4	18	.45	137	.12	4	2.03	.05	.13	1	4
3S 7+50W	17	731	6	47	.6	22	17	545	5.26	4	5	ND	2	48	1	2	2	123	.55	.062	6	38	1.01	116	.16	4	2.36	.05	.28	6	17
3S 7+00W	11	451	7	55	.7	19	12	381	5.15	10	5	ND	2	39	1	4	2	136	.50	.084	7	33	1.08	106	.14	6	2.39	.05	.09	2	13
3S 6+50W	8	348	7	75	.3	18	10	385	3.82	9	5	ND	2	53	1	2	2	88	.42	.064	4	18	.51	134	.13	5	2.25	.05	.10	2	8
3S 6+00W	20	530	7	60	.5	12	11	245	3.88	8	5	ND	2	44	1	2	2	91	.25	.113	8	17	.89	143	.05	4	2.74	.04	.14	1	33
3S 5+50W	1	62	5	40	.1	9	5	393	1.93	2	5	ND	1	33	1	2	2	43	.54	.016	4	13	.28	64	.09	4	1.70	.06	.02	2	1
3S 5+00W	1	55	6	98	.2	14	9	392	2.94	5	5	ND	3	25	1	2	2	67	.32	.175	3	20	.42	121	.09	6	1.97	.04	.07	1	1
3S 4+50W	1	58	6	41	.1	8	6	287	2.48	2	5	ND	2	28	1	2	2	59	.70	.013	5	17	.33	65	.12	5	1.64	.06	.06	3	11
3S 4+00W	2	74	7	50	.5	15	9	416	3.50	4	5	ND	3	48	1	2	2	100	.91	.061	7	34	.65	78	.14	5	1.69	.06	.08	1	27
3S 3+50W	2	53	5	43	.4	12	8	242	3.34	5	5	ND	2	39	1	2	2	99	.53	.059	3	27	.54	64	.15	5	1.68	.05	.09	2	1
3S 3+00W	1	20	5	57	.2	11	6	338	2.32	2	5	ND	2	25	1	2	2	60	.30	.045	2	18	.34	96	.11	4	1.71	.04	.06	1	6
3S 2+50W	1	59	6	67	.2	16	11	311	3.71	4	5	ND	1	24	1	2	2	83	.31	.091	2	25	.54	72	.11	3	2.47	.04	.05	1	36
3S 2+00W	1	46	6	81	.1	13	8	404	3.03	4	5	ND	1	25	1	2	2	79	.39	.050	3	22	.44	109	.11	9	1.81	.04	.07	1	11
3S 1+50W	1	31	5	91	.3	9	6	503	2.11	5	5	ND	1	20	1	2	2	51	.28	.076	3	16	.28	123	.08	3	1.47	.04	.05	1	1
3S 1+00W	1	35	5	120	.2	9	7	463	2.82	2	5	ND	2	15	1	2	2	56	.25	.030	3	13	.53	215	.03	3	1.85	.04	.10	1	1
3S 0+50W	1	29	6	83	.1	9	6	734	2.51	2	5	ND	1	18	1	2	2	57	.31	.080	3	18	.50	194	.05	4	1.59	.04	.07	1	1
3S 0+00	1	56	7	48	.5	12	7	380	2.77	5	5	ND	3	37	1	2	2	73	.51	.063	6	26	.47	141	.11	4	1.96	.05	.12	1	1
STD C/AU-S	20	58	39	129	7.5	68	29	1045	4.11	39	21	7	39	51	19	17	22	59	.49	.093	39	62	.86	175	.08	35	1.86	.09	.15	14	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
4S 8+50W	1	44	8	86	.4	11	7	933	2.24	2	5	ND	2	38	1	2	2	50	.50	.108	3	17	.30	189	.09	4	1.45	.04	.12	1	98
4S 8+00W	2	103	4	50	.2	17	13	577	3.09	4	5	ND	2	38	1	2	2	86	.52	.032	5	30	.53	89	.15	5	1.49	.05	.19	1	3
4S 7+50W	3	108	4	48	.2	12	8	310	3.35	2	5	ND	1	36	1	2	2	91	.49	.027	3	26	.52	61	.15	3	1.46	.04	.17	1	10
4S 7+00W	1	77	4	47	.7	14	8	298	3.01	2	5	ND	2	34	1	2	2	81	.43	.025	5	29	.51	69	.15	5	1.48	.05	.17	2	8
4S 6+50W	1	66	3	59	.4	17	9	366	3.18	3	5	ND	3	40	1	2	2	86	.52	.059	5	32	.56	92	.15	6	1.59	.05	.19	1	5
4S 6+00W	1	38	5	44	.3	11	7	326	2.59	4	5	ND	1	29	1	2	2	71	.41	.080	3	22	.37	70	.12	3	1.40	.04	.07	2	1
4S 5+50W	2	128	6	40	.6	14	9	286	3.48	2	5	ND	3	35	1	2	2	102	.51	.045	4	26	.65	81	.13	4	1.71	.05	.06	2	5
4S 5+00W	1	42	6	36	.2	12	6	230	2.33	2	5	ND	2	22	1	2	2	56	.36	.089	3	15	.27	69	.11	3	1.77	.04	.04	1	3
4S 4+50W	1	43	2	36	.2	12	6	177	2.46	2	5	ND	2	24	1	2	2	56	.41	.053	4	15	.32	70	.12	3	2.15	.05	.05	1	4
4S 4+00W	1	31	3	51	.6	12	7	224	2.31	3	5	ND	2	23	1	2	2	56	.31	.119	3	15	.30	64	.12	5	1.84	.05	.09	1	2
4S 3+50W	1	24	2	53	.4	10	6	331	2.24	2	5	ND	2	23	1	2	2	56	.31	.103	3	18	.29	56	.11	4	1.52	.04	.08	1	1
4S 3+00W	1	57	4	65	.1	16	11	374	3.25	3	5	ND	1	34	1	2	2	86	.43	.068	4	27	.52	100	.13	5	2.18	.04	.09	1	2
4S 2+50W	2	162	8	91	.6	16	12	703	3.47	9	5	ND	2	27	1	4	2	69	.53	.068	5	24	.62	157	.07	4	1.69	.05	.09	1	17
4S 2+00W	2	144	10	81	.5	18	10	532	3.72	12	5	ND	2	28	1	2	2	77	.42	.062	7	29	.53	121	.08	5	1.82	.04	.08	1	15
4S 1+50W	1	172	8	77	.4	13	17	616	5.86	18	5	ND	1	30	1	2	2	93	.54	.115	8	18	.86	159	.05	4	1.72	.04	.08	1	7
4S 1+00W	1	46	9	75	.5	10	7	548	2.84	2	5	ND	2	14	1	2	3	51	.24	.043	2	14	.33	147	.03	3	1.34	.03	.10	1	31
4S 0+50W	1	40	5	70	.1	11	6	336	2.55	2	5	ND	1	16	1	2	2	56	.25	.091	3	18	.38	201	.07	3	2.07	.04	.05	1	5
4S 0+00	1	66	8	49	.2	13	7	353	2.84	2	5	ND	2	37	1	2	2	77	.55	.062	7	28	.48	116	.12	4	1.67	.05	.06	1	3
5S 8+50W	1	100	5	51	.4	23	11	436	3.66	4	5	ND	2	51	1	3	2	102	.71	.065	7	46	.75	84	.17	7	1.83	.05	.14	1	5
5S 8+00W	2	38	2	83	.3	13	7	826	2.57	2	5	ND	2	34	1	2	2	65	.50	.056	4	23	.34	149	.12	7	1.42	.04	.20	1	1
5S 7+50W	1	61	5	52	.1	14	8	339	2.88	2	5	ND	1	34	1	2	2	79	.45	.028	3	28	.48	82	.14	7	1.48	.05	.11	1	12
5S 7+00W	2	358	9	76	.7	22	9	513	2.68	14	5	ND	2	42	1	2	2	56	.92	.063	7	26	.47	100	.07	4	1.77	.04	.10	1	17
5S 6+50W	2	73	5	35	.3	13	8	265	3.15	4	5	ND	2	32	1	4	2	87	.45	.041	3	23	.46	56	.13	5	1.55	.05	.06	1	5
5S 6+00W	2	91	6	54	.3	13	8	817	2.98	3	5	ND	1	31	1	2	2	83	.46	.056	3	23	.45	92	.13	3	1.64	.04	.07	1	1
5S 5+50W	1	51	2	43	.1	13	7	220	2.56	2	5	ND	1	27	1	2	2	61	.38	.118	2	18	.35	108	.12	4	1.74	.04	.07	1	1
5S 5+00W	1	91	4	40	.4	14	8	242	3.18	2	5	ND	1	28	1	4	2	85	.45	.051	2	22	.47	85	.13	5	1.84	.05	.07	2	3
5S 4+50W	1	42	3	55	.1	13	7	223	2.75	2	5	ND	1	23	1	2	2	62	.39	.095	2	19	.39	98	.13	6	2.40	.05	.10	1	2
5S 4+00W	1	44	4	43	.3	11	6	226	2.30	2	5	ND	2	23	1	2	2	52	.35	.037	4	15	.27	62	.11	5	1.97	.05	.06	1	2
5S 3+50W	1	34	4	59	.4	10	7	467	2.42	3	5	ND	2	22	1	2	2	56	.35	.061	2	15	.32	119	.10	6	1.75	.04	.10	1	2
5S 3+00W	1	15	4	49	.3	5	6	630	1.91	2	5	ND	1	14	1	2	2	38	.27	.102	2	8	.16	162	.07	2	1.46	.04	.04	1	1
5S 2+50W	1	63	7	73	.3	9	7	350	2.36	3	5	ND	1	14	1	2	2	48	.26	.029	2	13	.25	143	.06	3	1.42	.03	.06	1	5
5S 2+00W	1	113	4	85	.5	12	6	477	2.66	2	5	ND	2	26	1	2	2	51	.53	.026	5	20	.39	153	.09	8	1.99	.06	.04	1	12
5S 1+50W	1	35	4	78	.4	11	7	628	2.66	2	5	ND	2	22	1	3	2	60	.30	.077	4	18	.36	131	.08	5	1.58	.04	.09	1	10
5S 1+00W	1	104	6	48	.8	10	5	700	2.07	2	5	ND	3	32	1	4	2	44	.57	.023	9	15	.31	214	.09	4	1.96	.07	.06	1	2
5S 0+50W	1	41	4	51	.2	8	5	423	2.24	2	5	ND	1	19	1	2	2	54	.29	.124	3	17	.34	155	.07	3	1.75	.04	.04	1	3
5S 0+00	1	69	5	54	.5	14	8	401	2.97	2	5	ND	2	33	1	2	2	78	.53	.067	6	26	.49	108	.12	5	1.67	.05	.07	1	5
STD C/AU-S	19	59	40	129	7.2	71	29	1060	4.08	40	22	7	39	52	19	18	22	59	.49	.092	40	62	.86	176	.08	35	1.84	.08	.14	13	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
6S 8+50W	2	108	6	122	.6	14	11	488	3.41	3	5	ND	3	24	1	2	2	68	.30	.191	4	15	.38	89	.12	6	2.03	.05	.06	1	1
6S 8+00W	2	119	5	87	.4	13	9	298	2.92	5	5	ND	2	25	1	2	2	66	.33	.115	2	14	.41	79	.10	6	1.78	.05	.06	1	2
6S 7+50W	1	50	5	45	.2	9	7	305	2.58	2	5	ND	2	19	1	2	2	60	.25	.076	2	11	.26	76	.11	6	1.49	.04	.04	3	1
6S 7+00W	2	126	5	48	.3	14	9	246	2.96	2	5	ND	2	29	1	2	2	71	.35	.040	2	16	.42	80	.12	5	1.99	.05	.06	2	21
6S 6+50W	9	204	5	55	.4	33	14	436	4.42	4	5	ND	2	31	1	2	2	89	.42	.042	3	37	.54	114	.09	5	2.06	.04	.14	1	18
6S 6+00W	3	191	7	60	.3	17	11	241	3.23	2	5	ND	1	30	1	2	2	73	.40	.058	2	19	.57	172	.10	3	2.55	.04	.08	1	29
6S 5+50W	1	56	3	57	.6	7	6	314	2.11	2	5	ND	3	18	1	2	2	41	.27	.059	2	7	.26	109	.05	5	1.84	.05	.09	1	1
6S 5+00W	1	58	5	57	.4	15	8	272	3.04	3	5	ND	2	25	1	2	2	73	.34	.079	2	18	.42	94	.13	5	2.17	.05	.06	1	14
6S 4+50W	1	46	6	53	.3	13	8	186	3.02	2	5	ND	2	26	1	2	2	73	.34	.050	2	18	.44	108	.12	3	2.31	.04	.06	1	10
6S 4+00W	1	36	4	49	.2	9	9	214	3.03	2	5	ND	2	23	1	2	2	64	.33	.022	2	13	.48	147	.08	4	2.26	.04	.07	1	78
6S 3+50W	1	16	4	67	.1	8	7	694	2.66	2	5	ND	2	24	1	2	2	59	.30	.024	2	11	.43	127	.10	2	2.05	.04	.07	1	11
6S 3+00W	1	28	5	85	.4	7	6	402	2.62	2	5	ND	2	20	1	2	2	52	.34	.025	3	11	.36	137	.06	2	1.83	.04	.07	1	15
6S 2+50W	1	31	3	67	.3	8	6	371	2.64	3	5	ND	1	21	1	2	2	65	.35	.057	2	16	.43	103	.09	3	1.37	.04	.05	1	14
6S 2+00W	1	31	7	83	.3	9	6	486	2.55	2	5	ND	2	25	1	2	2	60	.46	.025	3	15	.42	130	.09	2	1.82	.05	.04	1	9
6S 1+50W	1	43	4	91	.6	9	6	520	2.41	2	5	ND	2	26	1	2	2	52	.53	.028	5	13	.35	141	.09	3	2.00	.05	.06	1	8
6S 1+00W	1	35	5	60	.4	9	5	302	2.27	2	5	ND	3	25	1	2	2	48	.45	.023	5	14	.32	261	.09	2	2.25	.05	.06	1	9
6S 0+50W	1	29	5	55	.2	10	6	461	2.41	2	5	ND	2	20	1	2	2	52	.29	.086	3	16	.28	116	.10	2	1.89	.04	.05	1	2
6S 0+00	1	30	3	51	.3	9	5	301	2.22	2	5	ND	2	23	1	2	2	52	.40	.085	3	14	.27	98	.10	4	1.65	.04	.05	1	5
STD C/AU-S	19	57	37	134	7.6	68	28	1054	4.22	40	19	7	40	51	18	17	19	58	.51	.089	38	61	.89	180	.08	32	1.93	.08	.16	12	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
K 101	13	551	2	32	.9	22	23	528	5.80	11	5	ND	3	39	1	2	2	108	1.78	.121	3	36	1.35	48	.17	6	1.24	.08	.10	3	36
K 102	2	32	2	33	.2	8	12	866	4.19	2	5	ND	1	81	1	2	2	56	7.51	.073	3	1	2.23	137	.01	8	.76	.01	.15	1	1
K 103	84	840	11	37	.9	8	10	220	9.49	13	5	ND	3	51	1	2	2	68	.64	.145	7	17	.77	29	.17	3	1.40	.09	.09	5	16
K 104	9	1098	20	16	.3	10	17	140	4.61	2	5	ND	2	148	1	2	2	104	1.65	.092	3	17	1.59	42	.10	6	2.06	.12	.21	2	45
K 105	5	589	5	34	.4	19	16	498	4.69	5	5	ND	2	79	1	3	2	118	3.29	.125	5	48	1.60	65	.13	4	1.35	.05	.16	5	15
K 106	331	7084	7	71	3.1	12	11	463	3.65	7	5	ND	2	34	1	2	2	152	3.16	.096	6	16	1.68	39	.24	13	2.44	.10	.09	4	149
K 107	1	3823	6	89	2.6	24	18	654	5.28	12	5	ND	2	30	1	2	2	226	1.29	.094	3	43	2.64	132	.33	3	2.08	.08	.12	1	210
K 108	5	772	9	120	1.2	21	15	1321	6.77	18	5	ND	2	26	1	2	2	229	.92	.110	3	33	2.29	191	.31	4	2.39	.08	.12	2	46
K 109	3	104	6	56	.4	11	8	448	5.56	8	5	ND	1	86	1	2	2	110	1.37	.102	2	21	1.63	84	.16	2	3.37	.05	.15	2	164
STD C/AU-R	22	63	43	132	7.2	69	30	1070	4.15	41	21	8	40	52	19	15	22	59	.50	.080	40	60	.87	189	.06	37	1.89	.08	.14	14	510

APPENDIS C. ROCK SAMPLE DESCRIPTIONS.

SAMPLE	LOCATION	TYPE	DESCRIPTION
K0101	L7S 6+50W	50'Chip	End of road-trench, pyritic andesite and andesitic tuff.
K0102	L7S 6+50W	Select	2" quartz and carbonate vein.
K0103	L4S 8+00W	10'Chip	>10% pyrite in andesite and microdiorite
K0104	Main Camp	Select	NQ core, andesitic volc. with <5% veinlets.
K0105	Main Camp	Select	Split BQ core, andesitic volc.
K0106	LO 5+00W	Select	Copper stained volcanics.
K0107	L2S 1+50W	10'Chip	Malachite stained andesitic volc.
K0108	L2S 1+75W	10'Chip	Rusty andesite no visible mal.
K0109	L2S 1+25W	Select	Py coated fractures & minor veinlets in 8" rock sample.