ASSESSMENT REPORT

on a

SOIL SAMPLING PROGRAM

on the

PRIME NORTH PROPERTY

PRIME 1 - 11 MINERAL CLAIMS

SUMMERS CREEK AREA

SIMILKAMEEN MINING DIVISION, B.C.

NTS:	92H/16W
LATITUDE:	49°45'45"N
LONGITUDE:	120°28'45"W
OWNER:	W.R. Gilmour
OPERATOR:	Discovery Consultants
AUTHOR:	Agnes M. Koffyberg
DATE:	September 30, 1997

25,189

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SUMMARY

The Prime North property is host to porphyry copper style mineralization within the Eastern volcanic facies of the Upper Triassic Nicola volcanic rocks. The property lies 36 km north-northeast of Princeton, B.C. Exploration has been carried out since the 1940's on the old King George claims. Later exploration has delineated the Primer (South Zone), a copper showing located south of the current southern boundary of the property.

In August 1997, Discovery Consultants, on behalf of the Phoenix Syndicate, carried out a soil sampling program on the Prime North Property. The purpose was to test for gold anomalies in soils, in order to better define possible anomalous zones of mineralization. Rock samples noted during the soil sampling program were collected and analysed for gold and copper content.

A grid was established at the southwest corner of the property. A total of 118 soil samples and 2 rock samples was collected and analysed for gold and selected elements. Soil geochemical plots were made for gold and copper. Gold values ranged from the detection limit of less than 5 ppb to 1,745 ppb; copper values ranged from 7 ppm to 698 ppm. Coincident gold and copper anomalies occurred in the central part of the grid; in general a positive correlation exists between gold and copper values. Anomalous gold values also exist in soils along the most northerly line of the grid.

The results of geochemical exploration work on the Prime North Property indicate the presence of anomalous gold in soils on the southwest corner of the property. It is recommended that geochemical soil sampling be continued. The grid should be extended north to cover the area between it and the grid established previously by Giant Piper Exploration, in order to

determine the gold content on soils throughout the property. Pending the results from this program, trenching may be warranted.

INTRODUCTION

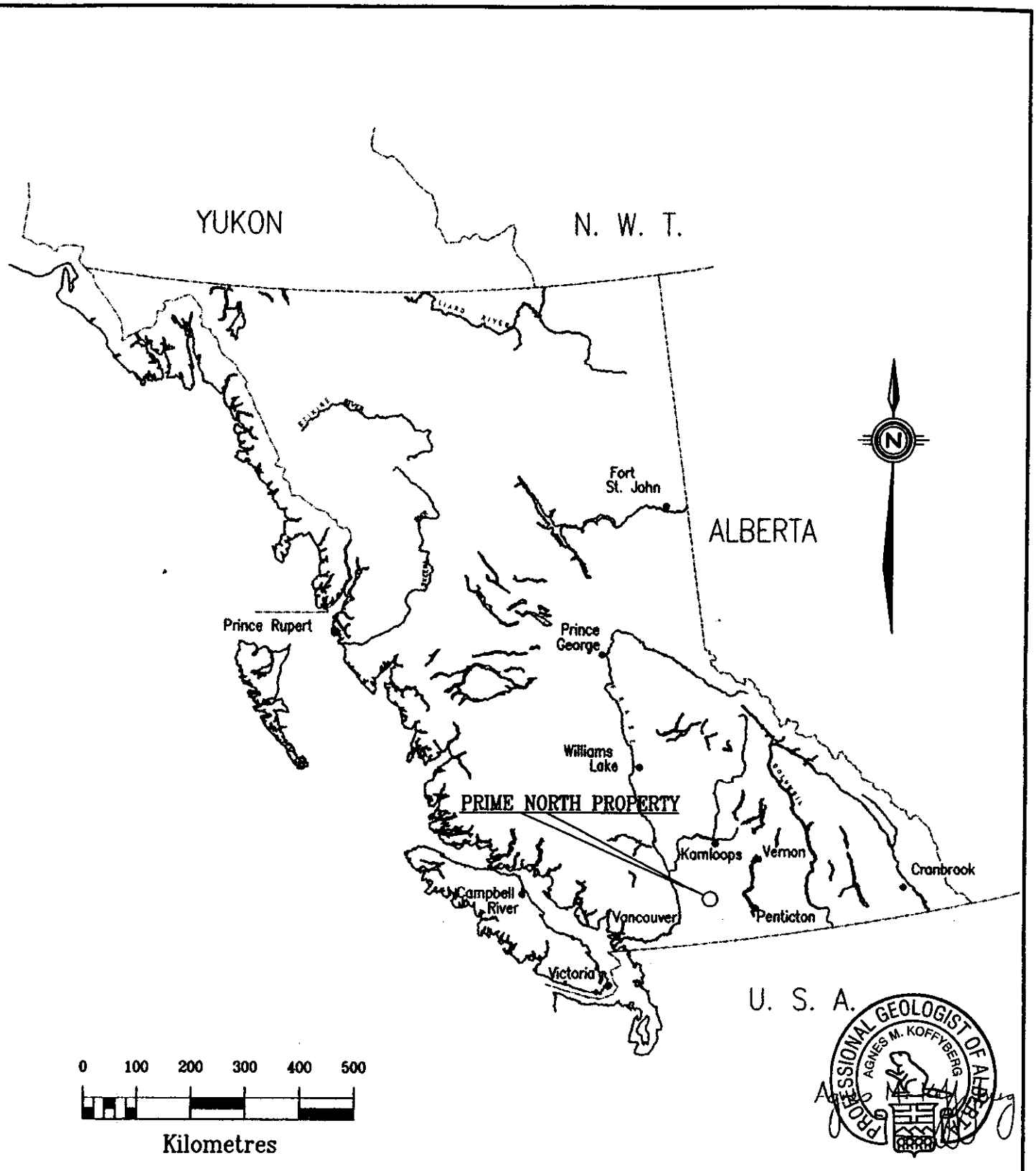
This report describes the results of a soil sampling program carried out on the Prime North property. The objective was to test for gold in soils along the northwest strike extension of the Prime (South Zone) anomaly, which is located to the south of the claim boundary.

LOCATION AND ACCESS

The Prime North property is located 36 km north-northeast of Princeton, B.C. and 1.5 km east of the south end of Missezula Lake. The property is centered at latitude 49°45'45" N and longitude 120°28'45" W, located on National Topographic System (NTS) 92H/16 (Figure 1). It is accessible from Princeton along Hwy 5 to the Missezula Lake Road, then along a 4x4 access road to the property.

TOPOGRAPHY

The property is situated on a gently to steeply sloped hillside, sloping to the west. Elevation ranges from 1080 m in the southwest to 1360 m in the eastern part of the property. The property is well forested with light undergrowth. Drainage is via tributaries draining to the southwest into Summers Creek. Outcrop is scarce, with rock exposures occurring along the flanks of the hillside and along creeks.



PROFESSIONAL GEOLOGIST OF ALBERTA
AGNES M. KOFFYBERG

DISCOVERY Consultants

PHOENIX SYNDICATE

PRIME NORTH PROPERTY

LOCATION MAP

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
Sept.30/1997	632	1:10,000,000	B.C.	Similkameen	1

PROPERTY

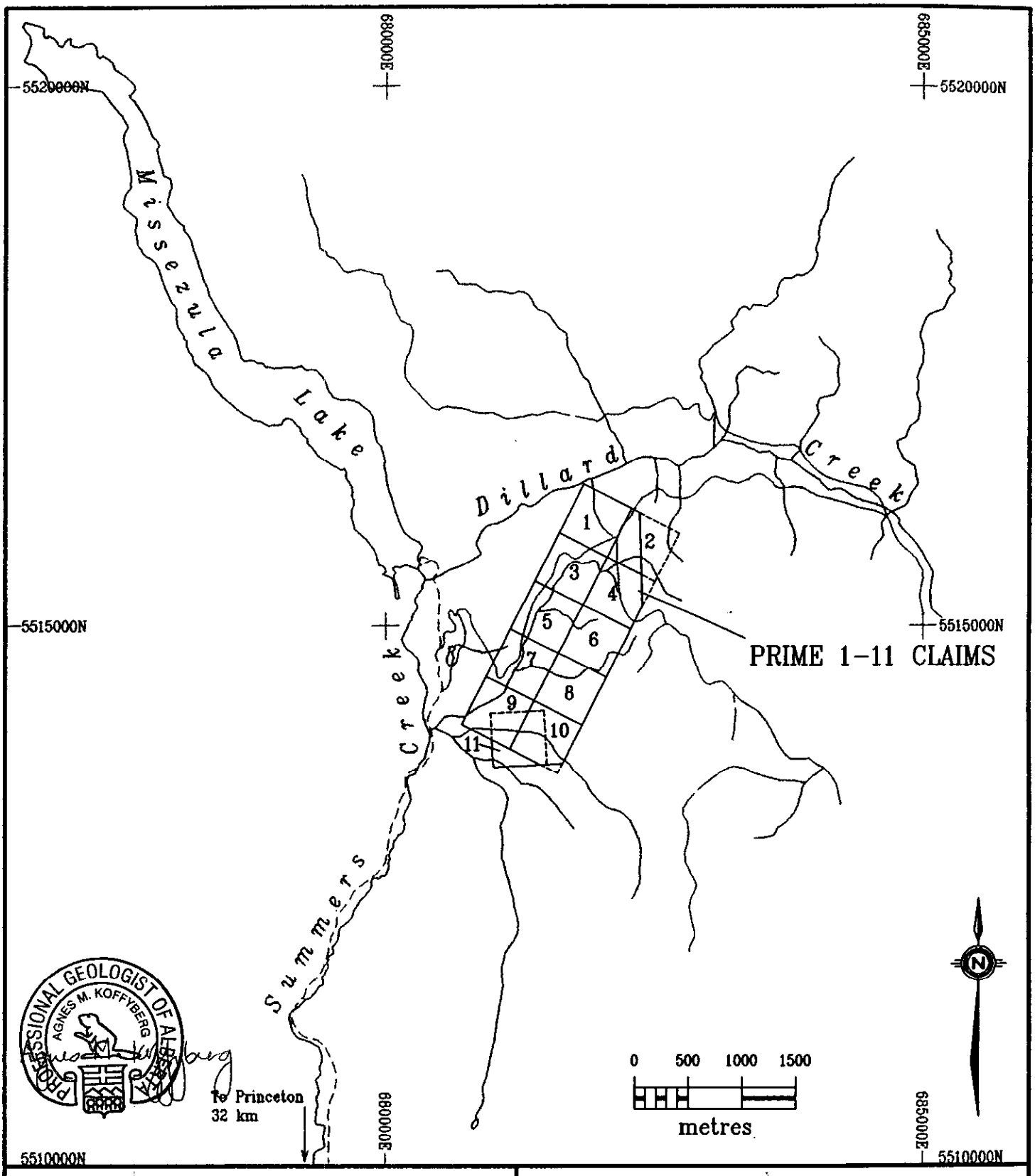
The Prime North property is situated in the Similkameen Mining Division (Figure 2). It consists of eleven two-post claims, which were staked on August 22, 1996 by R. Mitchell as agent for W.R. Gilmour and recorded in Vernon on the same day. W.R. Gilmour holds the claims in trust for the Phoenix Syndicate. Table 1 summarizes the claim information.

Table 1

Claim Status

Claim Name	Record. No.	Owner of Record	Anniversary Date*
Prime 1	350368	W.R. Gilmour	2001.8.22
Prime 2	350369	W.R. Gilmour	2001.8.22
Prime 3	350370	W.R. Gilmour	2001.8.22
Prime 4	350371	W.R. Gilmour	2001.8.22
Prime 5	350372	W.R. Gilmour	2001.8.22
Prime 6	350373	W.R. Gilmour	2001.8.22
Prime 7	350374	W.R. Gilmour	2001.8.22
Prime 8	350375	W.R. Gilmour	2001.8.22
Prime 9	350376	W.R. Gilmour	2001.8.22
Prime 10	350377	W.R. Gilmour	2001.8.22
Prime 11	350378	W.R. Gilmour	2001.8.22

*Pending acceptance of this report.



DISCOVERY Consultants	PHOENIX SYNDICATE
PRIME NORTH PROPERTY	Claim Location Map

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
Sept..30/1997	632	1:50,000	92H/16W	Similkameen	2

PREVIOUS EXPLORATION

The first recorded exploration in the vicinity of the Prime North property occurred from 1934 to 1941 on ground covered by claims then known as the King George claims. Exploration in the area has been intermittent since then. A brief summary of the work done is given below:

-Primer Group Minerals Ltd. (Primer Group) acquired the property in 1961 and optioned the property to McIntyre Porcupine Minerals Ltd. (McIntyre) in 1962. McIntyre conducted various geological, soil geochemical and geophysical surveys, then gave up the option.

-Primer Group continued to explore the deposit between 1965 and 1968, drilling fifteen diamond drill holes totaling 1402 m and seven percussion holes totaling 390 m. In 1969, they completed additional geological, soil geochemical and magnetometer surveys.

-The Prime 1 claim and the Prime claim were staked in 1976 and 1979 respectively, for Piper Petroleum Ltd. to cover the old King George copper showings.

-From 1978 to 1979, Piper Petroleum Ltd. performed magnetic, electromagnetic and geochemical surveys.

-Newmont Exploration of Canada Ltd. (Newmont) optioned the Prime property along with the adjoining HG and MS claims, located at the southern boundary of the Prime property. Newmont explored the property from 1979 to 1981, focussing their work on a copper gold occurrence located on the Prime-HG claim boundary. They performed geological, geophysical, geochemical surveys, and a 12-hole diamond drilling program totaling 2550 m.

-Peter A. Christopher optioned the Prime-HG-MS property in 1984 and performed magnetic, electromagnetic, soil geochemical and geological surveys. The properties were returned to Newmont in 1985.

- In 1986, Newmont dropped their option and the Prime, HG and MS properties were returned to Giant Piper Exploration Inc. (formerly Giant Piper Petroleum Ltd.).

-In 1987, Giant Piper conducted a soil sampling program on the north end of the present day Prime property, covering parts of the present day Prime 1 to 6 claims. The claims were subsequently allowed to lapse.

-The property was restaked in 1996. The present Prime claims cover the majority of the ground previously held by Giant Piper.

GEOLOGY AND MINERALIZATION

The property is underlain by andesitic volcanics and coeval intrusives of the Upper Triassic Nicola Group, in particular, volcanic rocks of the Eastern belt, as defined by Preto (1979). Faults generally parallel the major north-south Alleyne-Summers Creek fault system, located near the western boundary of the property, as well as trend north-northwest and north-northeast (Christopher, 1988). Regional metamorphism reaches greenschist facies but is typically of lower grade (Christopher, 1988).

The Prime North property contains the copper prospect referred to as the Primer (North Zone) or King George. This resource is estimated to be 23 million tonnes grading 0.20 per cent copper (Pilcher and McDougall, 1976). To the immediate south of the current Prime North property is the Primer (South Zone) prospect. This prospect is 200 m by 10 to 30 m in size and is estimated to contain 0.3 to 0.4 % copper (Nebocat, 1980). Gold has also been intersected in drill core, with grades up to 6.9 g Au/t across 3.0 m (Nebocat, 1980).

Host rocks within these prospects consist of plagioclase and horneblende porphyrytic andesites that have been hydrothermally altered, sheared and faulted. Mineralization consists of pyrite and chalcopyrite as veins, fracture fillings, dissemination and blebs.

WORK PROGRAM

Geochemical Soil Survey

A geochemical soil survey was conducted in August 1997 to test for the possibility of gold in soils between the Primer (North Zone) and Primer (South Zone) showings. It was also performed to test the possible extension of anomalous copper and molybdenum values delineated in previous exploration programs.

The 1997 exploration program was conducted by the writer with the assistance of R. Mitchell on August 15 and August 16, 1997. A total of 5.9 line kilometres of grid was chained with 118 stations flagged and soil sampled at 50 m intervals. A total of 118 soil samples was collected from the B soil horizon and shipped to Intertek Testing Services in North Vancouver for analysis. Soil depths ranged from 15 to 50 cm. In the lab, the samples were dried, sieved to -80 mesh, then analysed using standard 30 element ICP analysis and 30 g fire assay/A.A. for gold content. The grid and sample locations are shown on Figure 3. Soil geochemical data for gold and copper are shown on Figures 4 and 5. Analytical data are given in Appendix A.

Gold ranges from a lower detection limit of less than 5 ppb to a maximum of 1,745 ppb. Values of 20 ppb are considered weakly anomalous, with values greater than 70 ppb considered strongly anomalous. The soil sample having 1,745 ppb gold occurs on line 10400N, station 10550E. Several other strongly anomalous gold soil samples occur on this line from stations 10000E to 10650E, yielding values of 342, 197, 49, 44, 44, and 40 ppb. This line is the most northerly line sampled during this program; hence, no pattern can be yet discerned with regards to the trend of the gold anomaly.

A weak gold anomaly is centered at line 10150N, station 10250E, located near the central part of the grid. It has a general trend in a north-south direction for 200 m and appears to continue north to the grid boundaries.

Copper values range from 7 ppm to 698 ppm. A copper value of 60 ppm is considered weakly anomalous; 38 out of 118 samples are in this range. Strongly anomalous copper values are set at 125 ppm; only 5 out of 118 samples are in this range. The maximum copper value of 698 ppm occurs on line 10100N in close proximity to the copper occurrence (Primer South Zone) to the south of the claim boundary. A weak to moderate copper zone continues northwest from this station. This zone roughly corresponds to the weakly anomalous gold zone. In general, anomalous gold values correlate to anomalous copper values.

Other base metals concentrations are generally low. Molybdenum values are less than 5 ppm. Lead values are typically less than 10 ppb, with an exception of one sample that has a Pb value of 213 pm. This sample also contains the anomalous gold concentration of 1,745 ppb. Zn concentrations are generally less than 100 ppm; the maximum Zn value obtained is 583 ppm.

Rock Sampling

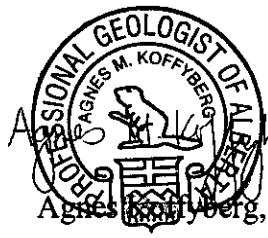
Two rock samples were collected from outcrops to the north of the soil sample survey and analysed by ICP and fire assay/A.A. techniques. Gold and copper values are plotted on Figures 4 and 5, respectively, and the analytical data are given in Appendix B. Sample 97-RO-1, located approximately 100 m north of the grid, consists of medium grained hornblende porphyry. Sample 97-RO-2, collected on the old 1988 grid, consists of altered andesite, with abundant Fe-oxide coatings on fracture surfaces. This sample contained 914 ppm Cu and 38 ppb gold.

CONCLUSIONS and RECOMMENDATIONS

The soil survey indicates a positive correlation between gold and copper values. A north-northwesterly trend of anomalous copper and gold is delineated within the central part of the grid. Furthermore, strongly anomalous gold values exist at several stations along the northernmost line of the grid. The maximum gold value obtained on this line (10400N) is 1,745 ppb gold, at station 10550E. The maximum copper value obtained is 698 ppm, located at the southeast boundary of the property.

It is recommended that the grid be extended to the north and additional soil sampling be done on this grid to further define significant gold content in the soils. The grid should be extended to cover the area between it and the grid established previously by Giant Piper Exploration Ltd. Pending the results of the survey, trenching is warranted on anomalous gold and copper soil anomalies, in order to test for mineralization at depth.

Respectfully submitted,



Agnes Koffyberg, P.Geol. (Alberta)

September 30, 1997
Vernon, B.C.

REFERENCES

British Columbia Ministry of Energy, Mines and Petroleum Resources (MEMPR) Annual Reports:

1963	p. 57	1977	p. 137
1965	p. 157	1978	p. 154
1966	p. 176	1979	p. 158
1968	p. 204	1980	p. 209
1969	p. 279	1984	p. 199
1971	p. 277	1988	p. C108
1972	p. 128		
1973	p. 160		

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493, 2354, 2344, 2356, 4169,
6412, 6877, 6900, 7340, 7521,
8241, 8364, 8692, 9649, 13231,
16985, 17077.

Christopher, P.A. (1988) Geochemical report on the Prime Property, Nicola & Similkameen Mining Divisions, Summers Creek, British Columbia, for Giant Piper Exploration Inc. dated March 7, 1988. Assessment Report 16985.

Nebocat, J. (1980) Report on the Missezula Project 1979, 1980, for Newmont Exploration of Canada Ltd. dated Dec 19, 1980.

Pilcher, S.H. and McDougall, J.J. (1976) Characteristics of some Canadian Cordilleran Porphyry Prospects, in *Porphyry Deposits of the Canadian Cordillera*, CIM Special Volume 15, ed. A. Sutherland Brown, p 79-82, Table 1.

Preto, V. (1979) Geology of the Nicola Group between Merritt and Princeton. B.C. Min. Mines & Petrol. Res. Bull. 69, 90 pp.

STATEMENT OF COSTS

1.	Professional Services		
	A. Koffyberg (P.Geol, Alberta)		
	Geological Field Work (Aug.16-17, 1997)		
	2 days @ $390/day		$780.00
	Reporting		
	3 days @ 350/day		350.00
2.	Field Personnel		
	R. Mitchell		
	Soil Sampling (Aug.16-17, 1997)		
	2 days @ $282.88/day		565.76
3.	Transportation		
	4x4 truck		
	(Aug. 16-17, 1997)		263.14
4.	Geochemical Analyses		
	118 soil samples @ $21.25/sample	2,507.50	
	2 rock samples @ 24.80/sample	49.60	
			2,557.10
5.	Drafting		250.00
6.	Secretarial		75.00
7.	Field costs		
	Field supplies	79.57	
	equipment rental	22.00	
	lodging and meals	132.84	
			234.41
		Total	**$5,075.41**

STATEMENT OF QUALIFICATIONS

I, AGNES KOFFYBERG of 639 Welke Road, Kelowna, B.C., V1W 2M9, DO HEREBY CERTIFY that:

1. I am a Consulting Geologist in mineral exploration associated with Discovery Consultants, Vernon, B.C.

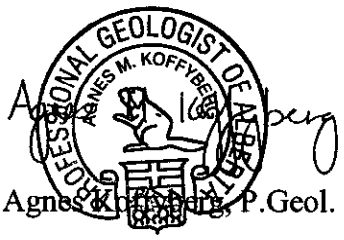
2. I am a graduate of the University of Alberta with a Master's of Science degree in geology.

3. I have been practicing my profession since 1994.

4. I am a Member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

5. This report is based upon collection and geochemical examination of the 118 soil samples collected on the Prime Property and upon reports from previous work on the Prime Property.

6. I hold no interest either directly or indirectly in the Prime Property.



Agnes Koffyberg, P.Geol. (Alberta)

September 12, 1997
Vernon, B.C.

APPENDIX A

CERTIFICATE OF ANALYSIS

For

Soil Samples

Intertek Testing Services
Bondar Clegg

Geochemical Lab Report

REPORT: V97-02113.0 (COMPLETE)

REFERENCE:

CLIENT: DISCOVERY CONSULTANTS

SUBMITTED BY: R.M.

PROJECT: 632

DATE RECEIVED: 18-AUG-97 DATE PRINTED: 31-AUG-97

DATE APPROVED	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
970830 1	Au30	Gold	118	5 PPB	Fire Assay of 30g	30g Fire Assay - AA
970830 2	Ag	Silver	118	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 3	Cu	Copper	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 4	Pb	Lead	118	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 5	Zn	Zinc	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 6	Mo	Molybdenum	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 7	Ni	Nickel	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 8	Co	Cobalt	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 9	Cd	Cadmium	118	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 10	Bi	Bismuth	118	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 11	As	Arsenic	118	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 12	Sb	Antimony	118	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 13	Fe	Iron	118	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 14	Mn	Manganese	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 15	Te	Tellurium	118	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 16	Ba	Barium	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 17	Cr	Chromium	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 18	V	Vanadium	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 19	Sn	Tin	118	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 20	W	Tungsten	118	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 21	La	Lanthanum	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 22	Al	Aluminum	118	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 23	Mg	Magnesium	118	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 24	Ca	Calcium	118	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 25	Na	Sodium	118	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 26	K	Potassium	118	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 27	Sr	Strontium	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 28	Y	Yttrium	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 29	Ga	Gallium	118	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 30	Li	Lithium	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 31	Nb	Niobium	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 32	Sc	Scandium	118	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 33	Ta	Tantalum	118	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 34	Ti	Titanium	118	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970830 35	Zr	Zirconium	118	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOIL	118	1 -80	118	DRY, SIEVE -80	118

REPORT COPIES TO: P.O. BOX 933

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Intertek Testing Services
Bondar Clegg

Geochemical Lab Report

CLIENT: DISCOVERY CONSULTANTS — PROJECT: 632

REPORT: V97-02113.0 (COMPLETE) — DATE RECEIVED: 18-AUG-97 — DATE PRINTED: 31-AUG-97 — PAGE 1 OF 7

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
632 10000E	10450N	23	<.2	101	8	93	1	18	12	<.2	<5	11	<5	4.06	460	<10	142	26	109	<20	<20	7	2.52	1.13	0.49	0.02	0.09	38	3	3	14	<1	5	<10	0.08	4
632 10000E	10500N	99	<.2	69	8	110	<1	19	10	<.2	<5	14	<5	3.06	369	<10	172	19	82	<20	<20	5	2.60	0.69	0.35	0.03	0.07	30	3	6	12	<1	<5	<10	0.11	12
632 10050N	10000E	<5	<.2	39	6	92	2	12	9	<.2	<5	5	<5	2.43	724	<10	113	17	72	<20	<20	5	1.70	0.62	0.46	0.03	0.09	31	3	3	8	<1	<5	<10	0.09	3
632 10050N	10050E	<5	<.2	26	6	64	2	10	7	<.2	<5	5	<5	2.42	426	<10	114	17	74	<20	<20	3	1.58	0.59	0.50	0.03	0.13	35	2	3	8	<1	<5	<10	0.11	4
632 10050N	10100E	<5	<.2	29	7	99	2	14	8	0.4	<5	15	<5	2.84	387	<10	98	19	88	<20	<20	3	1.97	0.82	0.46	0.03	0.07	35	3	5	10	<1	<5	<10	0.12	3
632 10050N	10150E	<5	<.2	18	6	74	2	10	6	<.2	<5	<5	<5	1.89	406	<10	88	10	51	<20	<20	2	2.03	0.28	0.31	0.04	0.04	19	2	4	9	<1	<5	<10	0.09	5
632 10050N	10200E	502	<.2	19	6	73	1	6	6	<.2	<5	9	<5	1.83	367	<10	89	10	52	<20	<20	3	1.58	0.26	0.30	0.03	0.04	20	2	5	7	<1	<5	<10	0.08	5
632 10050N	10250E	<5	<.2	23	7	81	2	9	6	<.2	<5	5	<5	2.19	372	<10	110	12	61	<20	<20	2	1.74	0.33	0.32	0.03	0.05	21	2	5	8	<1	<5	<10	0.09	5
632 10050N	10300E	<5	<.2	39	8	134	2	12	6	<.2	<5	14	<5	2.08	370	<10	148	13	55	<20	<20	4	2.30	0.46	0.33	0.03	0.07	23	3	6	11	<1	<5	<10	0.08	11
632 10050N	10350E	<5	<.2	23	7	121	2	12	8	0.5	<5	11	<5	2.19	598	<10	193	13	68	<20	<20	3	1.66	0.46	0.38	0.03	0.11	23	2	6	11	<1	<5	<10	0.07	2
632 10050N	10400E	140	0.6	112	31	142	3	11	11	0.7	6	16	<5	4.57	1237	<10	496	14	79	<20	<20	5	2.27	0.88	0.65	0.02	0.36	47	6	3	10	<1	7	<10	0.02	3
632 10050N	10450E	87	0.6	698	49	264	2	10	8	0.6	<5	<5	<5	3.00	1043	<10	562	8	68	<20	<20	4	2.29	0.50	0.43	0.03	0.14	27	2	4	10	<1	<5	<10	0.03	2
632 10050N	10500E	<5	<.2	69	10	168	2	18	11	0.3	6	7	<5	3.64	365	<10	220	22	96	<20	<20	3	2.73	1.39	0.37	0.02	0.11	24	2	5	18	<1	<5	<10	0.04	2
632 10050N	10550E	12	0.3	115	8	126	1	11	7	0.8	<5	14	<5	2.55	889	<10	221	13	63	<20	<20	8	2.21	0.67	0.78	0.05	0.05	38	11	3	20	<1	<5	<10	0.06	5
632 10050N	10600E	8	<.2	30	8	129	1	14	9	<.2	<5	17	<5	2.57	493	<10	173	19	68	<20	<20	3	2.25	0.81	0.43	0.03	0.09	24	2	7	14	<1	<5	<10	0.05	2
632 10100N	10000E	8	<.2	51	8	96	2	15	10	<.2	<5	7	<5	3.22	366	<10	136	21	95	<20	<20	3	2.11	0.81	0.48	0.03	0.09	38	3	4	11	<1	<5	<10	0.12	5
632 10100N	10050E	<5	<.2	39	8	77	2	11	7	<.2	<5	12	<5	2.79	487	<10	135	12	62	<20	<20	3	1.55	0.44	0.35	0.03	0.17	30	2	3	9	<1	<5	<10	0.05	3
632 10100N	10100E	<5	<.2	23	6	72	1	11	8	<.2	<5	<5	<5	2.42	546	<10	72	17	76	<20	<20	3	1.79	0.58	0.40	0.03	0.06	29	2	4	10	<1	<5	<10	0.11	4
632 10100N	10150E	42	<.2	26	7	70	2	12	8	<.2	<5	<5	<5	2.40	275	<10	120	14	68	<20	<20	3	2.08	0.47	0.45	0.03	0.05	34	2	5	12	<1	<5	<10	0.10	6
632 10100N	10200E	9	<.2	18	6	58	1	5	4	<.2	<5	<5	<5	1.45	323	<10	67	7	36	<20	<20	5	1.70	0.12	0.44	0.04	0.03	21	3	4	8	<1	<5	<10	0.08	8
632 10100N	10250E	62	<.2	45	8	93	<1	10	7	0.3	<5	<5	<5	2.11	489	<10	121	12	55	<20	<20	6	1.85	0.37	0.45	0.03	0.06	29	3	5	9	<1	<5	<10	0.07	5
632 10100N	10300E	96	<.2	70	14	143	2	14	9	0.4	<5	6	<5	3.12	449	<10	174	19	85	<20	<20	5	2.90	0.99	0.44	0.03	0.10	32	2	6	15	<1	<5	<10	0.08	3
632 10100N	10350E	9	<.2	87	13	417	4	10	7	1.1	<5	10	<5	2.72	576	<10	219	14	70	<20	<20	4	2.40	0.69	0.35	0.03	0.12	23	2	6	12	<1	<5	<10	0.06	3
632 10100N	10400E	10	<.2	157	23	139	2	16	16	0.7	<5	7	<5	4.78	874	<10	372	19	107	<20	<20	9	2.38	1.62	0.47	0.03	0.22	34	8	4	15	<1	7	<10	0.03	3
632 10100N	10450E	6	<.2	43	13	115	1	12	11	0.3	<5	12	<5	3.35	799	<10	277	18	90	<20	<20	5	2.78	1.05	0.46	0.03	0.15	26	3	5	16	<1	<5	<10	0.06	2
632 10100N	10500E	<5	<.2	54	9	179	<1	12	7	0.3	<5	14	<5	2.74	796	<10	239	18	61	<20	<20	4	2.92	0.66	0.56	0.04	0.06	31	4	6	23	<1	<5	<10	0.07	5
632 10100N	10550E	12	<.2	45	8	130	1	14	11	0.2	<5	9	<5	3.35	639	<10	130	21	82	<20	<20	2	2.61	1.03	0.35	0.03	0.08	17	2	4	17	<1	<5	<10	0.03	<1
632 10100N	10600E	6	<.2	19	6	68	<1	7	6	<.2	<5	5	<5	1.93	543	<10	94	13	53	<20	<20	2	1.75	0.34	0.25	0.03	0.04	15	1	5	9	<1	<5	<10	0.07	3
632 10150N	10000E	10	<.2	21	5	69	1	11	8	<.2	<5	<5	<5	2.62	385	<10	94	17	75	<20	<20	3	1.62	0.55	0.47	0.03	0.10	31	2	5	8	<1	<5	<10	0.10	3
632 10150N	10050E	9	<.2	31	5	81	1	13	8	<.2	<5	9	<5	2.61	336	<10	112	19	82	<20	<20	3	1.69	0.59	0.47	0.03	0.07	35	3	4	8	<1	<5	<10	0.13	6

Intertek Testing Services
Bondar Clegg

Geochemical Lab Report

CLIENT: DISCOVERY CONSULTANTS PROJECT: 632

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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
632 10150N 10100E		7	<.2	33	6	56	1	13	7	0.3	<5	8	<5	2.54	436	<10	117	18	74	<20	<20	3	2.16	0.52	0.48	0.03	0.08	34	2	4	11	<1	<5	<10	0.12	5
632 10150N 10150E		7	<.2	24	6	73	2	11	6	<.2	<5	<5	<5	1.88	317	<10	106	11	49	<20	<20	3	2.02	0.35	0.36	0.03	0.05	30	2	5	10	<1	<5	<10	0.09	5
632 10150N 10200E		137	0.3	185	18	68	2	17	14	0.4	<5	8	<5	3.73	827	<10	214	24	96	<20	<20	8	2.17	1.01	1.28	0.03	0.07	58	11	4	16	<1	9	<10	0.06	5
632 10150N 10250E		100	<.2	82	9	86	3	17	11	<.2	<5	20	<5	4.06	536	<10	109	28	124	<20	<20	4	1.93	1.33	0.60	0.02	0.07	41	4	4	11	<1	7	<10	0.11	6
632 10150N 10300E		15	0.4	50	7	148	<1	11	7	0.4	<5	18	<5	2.07	420	<10	203	11	55	<20	<20	3	2.21	0.46	0.26	0.04	0.08	23	2	5	12	<1	<5	<10	0.08	3
632 10150N 10350E		31	<.2	26	8	107	<1	8	5	<.2	<5	<5	<5	1.90	247	<10	107	11	53	<20	<20	3	1.63	0.32	0.35	0.04	0.07	29	2	4	9	<1	<5	<10	0.08	4
632 10150N 10400E		<5	<.2	103	20	123	2	14	12	0.3	<5	7	<5	3.87	826	<10	248	22	104	<20	<20	8	3.01	1.17	0.57	0.03	0.18	36	7	5	16	<1	8	<10	0.09	6
632 10150N 10450E		16	<.2	29	10	92	2	12	9	<.2	<5	<5	<5	2.74	376	<10	137	16	78	<20	<20	5	2.42	0.85	0.46	0.03	0.11	31	3	6	12	<1	<5	<10	0.08	3
632 10150N 10500E		11	0.2	46	8	95	1	13	7	<.2	<5	8	<5	2.36	308	<10	137	21	62	<20	<20	6	2.75	0.66	0.35	0.04	0.07	25	3	6	13	<1	<5	<10	0.09	11
632 10150N 10550E		68	<.2	106	9	115	2	20	12	0.7	<5	7	<5	3.57	678	<10	264	42	112	<20	<20	5	3.75	1.33	0.56	0.04	0.08	39	3	6	18	<1	9	<10	0.10	5
632 10150N 10600E		8	<.2	46	11	91	2	11	8	0.3	<5	6	<5	2.69	729	<10	167	20	75	<20	<20	6	2.86	0.81	0.41	0.04	0.06	25	4	6	13	<1	<5	<10	0.08	5
632 10150N 10650E		28	<.2	62	10	117	1	16	10	<.2	<5	9	<5	3.53	568	<10	305	26	98	<20	<20	5	3.51	1.28	0.35	0.03	0.08	26	3	8	19	<1	6	<10	0.08	5
632 10200N 10050E		22	0.3	51	9	116	1	11	7	<.2	<5	<5	<5	2.39	513	<10	140	14	67	<20	<20	4	1.84	0.47	0.32	0.04	0.07	25	3	4	9	<1	<5	<10	0.08	3
632 10200N 10100E		8	<.2	54	6	56	2	14	9	0.3	<5	13	<5	3.04	361	<10	78	21	97	<20	<20	4	1.63	0.80	0.54	0.03	0.06	42	3	4	8	<1	<5	<10	0.12	3
632 10200N 10150E		14	<.2	48	8	91	2	15	9	<.2	<5	<5	<5	3.37	437	<10	102	26	107	<20	<20	6	2.16	0.93	0.59	0.03	0.12	54	4	5	10	<1	6	<10	0.14	5
632 10200N 10200E		12	0.4	44	8	135	1	8	7	0.3	<5	8	<5	1.81	352	<10	63	12	50	<20	<20	6	1.45	0.40	4.18	0.04	0.06	259	4	3	9	<1	<5	<10	0.07	4
632 10200N 10250E		47	<.2	100	10	87	2	16	11	<.2	<5	<5	<5	4.12	515	<10	120	26	115	<20	<20	7	2.08	1.19	0.62	0.03	0.15	44	7	3	12	<1	8	<10	0.12	6
632 10200N 10300E		23	<.2	68	8	84	3	14	11	0.2	<5	<5	<5	4.13	571	<10	141	19	100	<20	<20	4	1.82	1.09	0.48	0.03	0.15	41	4	4	10	<1	6	<10	0.09	4
632 10200N 10350E		24	<.2	67	11	137	2	13	12	0.4	<5	9	<5	4.01	886	<10	231	14	81	<20	<20	6	2.15	1.37	0.35	0.02	0.22	22	9	5	12	<1	6	<10	0.02	2
632 10200N 10400E		11	<.2	28	6	89	1	10	7	<.2	<5	15	<5	2.35	378	<10	147	14	64	<20	<20	3	1.98	0.60	0.40	0.04	0.07	26	2	5	11	<1	<5	<10	0.08	4
632 10200N 10450E		48	<.2	27	9	91	1	9	8	0.2	<5	10	<5	2.57	380	<10	133	14	72	<20	<20	3	2.25	0.77	0.38	0.03	0.07	27	3	6	13	<1	<5	<10	0.07	3
632 10200N 10500E		15	<.2	45	8	143	1	11	7	<.2	<5	15	<5	2.23	509	<10	159	15	58	<20	<20	5	2.57	0.69	0.56	0.04	0.06	34	5	6	22	<1	<5	<10	0.10	14
632 10200N 10550E		6	0.3	35	7	79	<1	10	7	<.2	<5	10	<5	2.20	528	<10	102	15	59	<20	<20	3	2.07	0.55	0.29	0.03	0.04	22	2	4	10	<1	<5	<10	0.08	4
632 10200N 10600E		23	<.2	74	16	100	2	14	9	<.2	<5	8	<5	3.02	469	<10	254	19	84	<20	<20	4	3.19	1.08	0.43	0.03	0.08	33	3	6	17	<1	<5	<10	0.09	8
632 10200N 10650E		<5	<.2	24	9	92	1	12	7	0.3	<5	<5	<5	2.48	476	<10	260	15	66	<20	<20	4	3.51	0.81	0.36	0.03	0.08	26	2	8	17	<1	<5	<10	0.08	6
632 10210N 10000E		31	<.2	61	8	105	2	16	10	<.2	<5	8	<5	3.52	397	<10	131	25	106	<20	<20	6	2.03	1.14	0.53	0.03	0.08	40	3	5	11	<1	5	<10	0.11	4
632 10250N 10000E		13	<.2	74	14	190	2	15	13	0.3	<5	<5	<5	3.63	632	<10	145	20	97	<20	<20	5	2.19	1.02	0.56	0.03	0.11	39	3	4	13	<1	6	<10	0.07	4
632 10250N 10050E		63	0.4	19	5	169	1	9	7	<.2	<5	<5	<5	2.12	793	<10	188	12	56	<20	<20	4	1.55	0.39	0.36	0.03	0.08	32	2	3	7	<1	<5	<10	0.07	3
632 10250N 10100E		<5	<.2	13	5	121	3	8	6	0.4	<5	7	<5	1.91	845	<10	112	10	54	<20	<20	2	1.33	0.24	0.24	0.03	0.06	23	1	3	6	<1	<5	<10	0.08	2
632 10250N 10150E		24	<.2	64	10	138	2	17	12	0.5	<5	13	<5	4.43	541	<10	136	27	108	<20	<20	6	2.14	1.03	0.55	0.03	0.15	50	6	4	11	<1	7	<10	0.12	7

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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
632 10250N 10200E		<5	<.2	15	5	104	1	9	7	<.2	<5	8	<5	2.00	695	<10	115	10	52	<20	<20	2	1.46	0.27	0.31	0.04	0.07	25	1	4	9	<1	<5	<10	0.08	2
632 10250N 10250E		146	<.2	21	6	85	<1	8	7	<.2	<5	6	<5	2.40	400	<10	84	13	73	<20	<20	2	1.78	0.51	0.39	0.03	0.07	32	2	4	9	<1	<5	<10	0.12	3
632 10250N 10300E		25	<.2	56	9	98	2	12	11	0.3	<5	<5	<5	3.64	648	<10	106	18	97	<20	<20	3	1.94	1.09	0.46	0.02	0.11	32	4	5	10	<1	<5	<10	0.09	2
632 10250N 10350E		25	<.2	44	8	108	2	12	10	<.2	<5	13	<5	2.98	767	<10	140	13	64	<20	<20	2	1.79	0.65	0.32	0.03	0.11	22	3	4	10	<1	<5	<10	0.07	2
632 10250N 10400E		6	0.2	30	7	101	2	10	9	<.2	<5	<5	<5	2.68	862	<10	151	14	64	<20	<20	3	2.20	0.78	0.36	0.03	0.12	24	3	6	12	<1	<5	<10	0.07	2
632 10250N 10450E		27	<.2	34	5	87	1	10	7	<.2	<5	6	<5	2.53	411	<10	136	15	66	<20	<20	4	1.99	0.61	0.46	0.04	0.14	32	4	4	12	<1	<5	<10	0.08	3
632 10250N 10500E		12	<.2	28	8	74	2	9	7	<.2	<5	12	<5	2.48	459	<10	112	13	66	<20	<20	3	2.44	0.41	0.25	0.03	0.04	19	2	6	10	<1	<5	<10	0.09	5
632 10250N 10550E		7	0.4	65	7	55	1	7	4	<.2	<5	<5	<5	1.29	134	<10	154	9	35	<20	<20	4	1.74	0.26	0.65	0.04	0.02	32	5	3	18	<1	<5	<10	0.07	4
632 10250N 10600E		8	<.2	33	6	91	1	10	8	<.2	<5	9	<5	2.65	825	<10	207	15	79	<20	<20	4	2.64	0.74	0.35	0.03	0.08	24	3	6	13	<1	<5	<10	0.10	3
632 10250N 10650E		9	<.2	22	6	66	2	8	7	<.2	<5	13	<5	2.23	265	<10	109	13	67	<20	<20	4	2.07	0.41	0.28	0.03	0.04	21	2	6	10	<1	<5	<10	0.10	5
632 10250N 10700E		<5	<.2	24	5	47	<1	10	6	<.2	<5	<5	<5	2.17	270	<10	137	12	62	<20	<20	4	2.13	0.40	0.31	0.04	0.04	24	2	5	10	<1	<5	<10	0.10	5
632 10300N 10000E		12	<.2	29	6	127	1	17	9	0.4	<5	7	<5	2.43	443	<10	146	19	69	<20	<20	5	1.95	0.52	0.44	0.04	0.08	36	3	5	9	<1	<5	<10	0.11	5
632 10300N 10050E		13	<.2	80	16	193	3	20	13	0.5	<5	10	<5	4.14	961	<10	244	28	107	<20	<20	4	2.31	1.45	0.53	0.02	0.10	45	3	5	12	<1	6	<10	0.10	3
632 10300N 10100E		12	0.3	25	10	149	2	12	8	0.4	<5	7	<5	2.75	904	<10	137	14	68	<20	<20	3	1.77	0.75	0.43	0.02	0.08	28	2	2	10	<1	<5	<10	0.06	2
632 10300N 10150E		6	<.2	18	12	211	<1	9	6	0.7	<5	<5	<5	2.29	1127	<10	167	13	56	<20	<20	2	1.46	0.51	0.32	0.03	0.13	28	2	3	7	<1	<5	<10	0.06	1
632 10300N 10200EA		<5	<.2	12	6	116	1	8	6	0.2	<5	<5	<5	1.82	630	<10	188	8	45	<20	<20	3	1.21	0.22	0.37	0.04	0.07	24	2	4	6	<1	<5	<10	0.07	2
632 10300N 10200EB		6	0.3	38	9	173	1	14	8	<.2	<5	5	<5	2.66	483	<10	105	14	80	<20	<20	4	1.93	0.61	0.47	0.04	0.11	37	2	4	10	<1	<5	<10	0.10	4
632 10300N 10300E		12	0.3	123	35	144	<1	13	16	0.4	<5	6	<5	4.81	1196	<10	181	17	87	<20	<20	5	2.77	1.20	0.56	0.03	0.31	31	6	5	16	3	6	<10	0.07	4
632 10300N 10350E		27	<.2	34	8	99	2	10	9	<.2	<5	6	<5	2.83	442	<10	107	13	68	<20	<20	4	1.95	0.65	0.34	0.03	0.08	23	2	4	10	<1	<5	<10	0.08	2
632 10300N 10400E		12	0.2	29	11	123	2	12	15	0.6	<5	6	<5	3.61	1085	<10	190	14	71	<20	<20	6	2.39	0.97	0.46	0.03	0.18	23	3	5	13	<1	<5	<10	0.05	2
632 10300N 10450E		6	<.2	26	6	53	1	10	8	<.2	<5	<5	<5	2.14	360	<10	75	14	62	<20	<20	4	1.79	0.43	0.42	0.03	0.08	31	2	5	8	<1	<5	<10	0.10	3
632 10300N 10500E		45	<.2	32	8	72	1	10	7	<.2	<5	<5	<5	2.24	825	<10	134	12	62	<20	<20	5	2.36	0.45	0.29	0.04	0.04	21	2	6	9	<1	<5	<10	0.09	4
632 10300N 10550E		24	<.2	26	18	163	<1	11	8	0.3	<5	<5	<5	2.67	1164	<10	170	15	74	<20	<20	4	2.49	0.65	0.50	0.03	0.06	28	3	5	9	<1	<5	<10	0.10	5
632 10300N 10600E		9	<.2	27	8	119	1	7	6	<.2	<5	<5	<5	2.03	1666	<10	222	10	57	<20	<20	4	1.65	0.35	0.38	0.03	0.06	22	3	3	8	<1	<5	<10	0.07	2
632 10300N 10650E		8	0.6	57	7	58	<1	8	5	0.5	<5	<5	<5	1.73	251	<10	206	9	43	<20	<20	6	1.90	0.31	0.62	0.05	0.03	32	9	4	18	<1	<5	<10	0.09	6
632 10300N 10700E		18	<.2	19	6	65	1	9	6	<.2	<5	13	<5	2.14	420	<10	118	11	61	<20	<20	3	1.94	0.40	0.30	0.03	0.05	19	2	5	9	<1	<5	<10	0.09	3
632 10350N 10000E		30	<.2	27	18	271	1	11	8	0.4	<5	7	<5	3.10	559	<10	197	13	72	<20	<20	4	1.98	0.65	0.39	0.04	0.11	31	2	4	12	<1	<5	<10	0.07	3
632 10350N 10050E		8	<.2	49	11	120	2	12	8	<.2	<5	16	<5	3.46	409	<10	213	17	90	<20	<20	4	2.16	1.05	0.43	0.03	0.20	34	3	4	12	<1	6	<10	0.06	4
632 10350N 10100E		21	0.4	188	22	161	2	22	21	0.6	5	17	<5	5.18	911	<10	408	24	133	<20	<20	6	2.95	1.58	0.77	0.02	0.11	63	6	3	17	<1	10	<10	0.08	5
632 10350N 10150E		23	<.2	43	13	189	1	13	10	0.5	6	10	<5	3.45	1243	<10	264	16	68	<20	<20	7	2.77	0.79	0.62	0.03	0.24	35	6	5	17	<1	6	<10	0.08	9

Intertek Testing Services
Bondar Clegg

Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
632 10350N	10200E	15	0.6	70	19	207	2	16	10	0.7	<5	6	<5	3.92	631	<10	127	19	83	<20	<20	5	2.38	1.00	0.50	0.03	0.11	31	4	5	13	<1	<5	<10	0.08	7
632 10350N	10250E	36	<.2	42	13	146	<1	13	8	0.4	<5	10	<5	2.66	719	<10	213	16	70	<20	<20	4	2.53	0.72	0.53	0.03	0.10	39	3	6	13	<1	<5	<10	0.10	7
632 10350N	10300E	13	<.2	79	18	140	2	18	19	0.2	<5	8	<5	4.09	802	<10	204	16	77	<20	<20	5	2.52	0.71	0.46	0.04	0.14	32	6	5	14	<1	5	<10	0.09	7
632 10350N	10350E	17	0.3	38	10	129	2	11	10	<.2	<5	8	<5	3.19	628	<10	175	14	65	<20	<20	3	2.46	0.94	0.32	0.03	0.12	22	2	5	13	<1	<5	<10	0.05	2
632 10350N	10400E	36	<.2	55	8	75	<1	10	14	<.2	<5	<5	<5	3.69	579	<10	168	16	78	<20	<20	4	3.01	0.97	0.36	0.03	0.12	25	4	6	17	3	<5	<10	0.05	2
632 10350N	10450E	29	0.2	71	11	91	2	15	13	<.2	<5	6	<5	3.18	575	<10	194	18	82	<20	<20	6	3.10	0.88	0.38	0.03	0.08	25	4	7	12	<1	<5	<10	0.10	10
632 10350N	10500E	10	<.2	85	7	39	1	12	7	<.2	<5	11	<5	2.71	365	<10	216	16	72	<20	<20	7	2.42	0.51	0.63	0.04	0.04	38	5	5	20	<1	<5	<10	0.12	8
632 10350N	10550E	10	0.3	35	9	84	2	9	7	<.2	<5	<5	<5	2.51	935	<10	134	13	70	<20	<20	6	2.60	0.53	0.30	0.04	0.06	22	4	5	9	<1	<5	<10	0.10	6
632 10350N	10600E	11	0.3	38	7	85	1	11	8	<.2	<5	<5	<5	2.52	639	<10	110	14	70	<20	<20	6	2.48	0.67	0.28	0.04	0.06	23	3	4	10	<1	<5	<10	0.10	8
632 10350N	10650E	13	<.2	34	8	61	2	11	8	<.2	<5	10	<5	2.58	267	<10	286	15	69	<20	<20	7	2.62	0.69	0.68	0.04	0.06	39	5	5	11	<1	<5	<10	0.10	11
632 10350N	10700E	6	<.2	39	9	72	2	9	7	0.2	<5	<5	<5	2.31	411	<10	130	14	64	<20	<20	4	2.89	0.65	0.43	0.04	0.09	26	3	7	12	<1	<5	<10	0.10	6
632 10350N	10750E	9	<.2	46	7	65	2	15	9	<.2	<5	12	<5	3.09	361	<10	241	17	86	<20	<20	4	3.21	1.02	0.42	0.03	0.07	32	2	7	18	<1	<5	<10	0.08	5
632 10400N	10000E	49	<.2	98	9	80	3	17	16	<.2	<5	7	<5	4.85	639	<10	102	25	117	<20	<20	5	1.97	1.45	0.66	0.02	0.08	41	5	4	11	<1	7	<10	0.09	3
632 10400N	10050E	40	0.6	69	16	583	2	15	15	1.8	<5	12	<5	3.73	980	<10	147	11	78	<20	<20	5	2.91	0.73	0.62	0.04	0.07	43	4	5	11	<1	<5	<10	0.09	7
632 10400N	10100E	<5	0.3	7	4	70	<1	4	4	<.2	<5	<5	<5	1.45	333	<10	112	6	39	<20	<20	4	0.86	0.18	0.61	0.05	0.04	28	3	2	4	<1	<5	<10	0.06	2
632 10400N	10150E	13	<.2	31	19	129	2	12	8	<.2	<5	11	<5	3.24	1050	<10	231	15	70	<20	<20	10	2.34	0.82	0.59	0.03	0.20	28	13	5	16	<1	6	<10	0.05	5
632 10400N	10200E	197	1.5	124	17	256	3	17	14	0.4	<5	16	<5	5.70	1397	<10	237	20	88	<20	<20	4	2.52	1.34	0.53	0.02	0.17	32	9	3	15	<1	6	<10	0.05	4
632 10400N	10250E	44	0.5	82	32	307	2	14	11	0.8	<5	12	<5	4.39	708	<10	187	16	80	<20	<20	3	2.36	0.91	0.45	0.03	0.10	29	4	4	14	<1	<5	<10	0.06	6
632 10400N	10300E	29	0.4	58	53	358	2	12	11	0.8	<5	<5	<5	2.78	621	<10	154	15	68	<20	<20	6	2.75	0.64	0.31	0.03	0.05	25	3	5	12	3	<5	<10	0.09	9
632 10400N	10350E	342	0.7	69	27	114	2	12	12	0.4	<5	<5	<5	3.15	585	<10	163	12	57	<20	<20	6	2.10	0.61	0.30	0.03	0.11	20	2	5	14	4	<5	<10	0.04	1
632 10400N	10400E	20	0.3	43	8	79	1	11	8	<.2	<5	<5	<5	2.51	771	<10	204	14	60	<20	<20	7	2.58	0.56	0.28	0.03	0.07	21	3	5	13	3	<5	<10	0.07	3
632 10400N	10450E	15	<.2	58	9	87	1	10	8	<.2	<5	<5	<5	2.60	856	<10	202	14	63	<20	<20	9	3.44	0.55	0.39	0.03	0.09	26	6	7	13	3	<5	<10	0.09	11
632 10400N	10500E	16	0.4	87	11	135	1	11	7	0.4	<5	<5	<5	2.16	523	<10	285	12	48	<20	<20	9	2.87	0.52	0.66	0.05	0.04	42	9	3	29	4	<5	<10	0.10	10
632 10400N	10550E	1745	1.6	222	213	297	2	9	8	1.2	<5	<5	<5	3.14	546	<10	232	14	73	<20	<20	8	2.65	0.68	0.35	0.03	0.10	29	3	6	11	2	<5	<10	0.07	7
632 10400N	10600E	10	0.4	65	6	57	1	6	4	0.3	<5	<5	<5	1.33	121	<10	177	9	30	<20	<20	8	2.44	0.23	0.43	0.06	0.03	27	8	4	14	3	<5	<10	0.08	19
632 10400N	10650E	44	<.2	68	9	85	2	12	9	0.2	<5	<5	<5	3.23	764	<10	198	18	85	<20	<20	8	3.78	0.99	0.27	0.02	0.07	24	4	7	15	2	6	<10	0.08	7
632 10400N	10700E	15	0.3	40	7	59	1	10	8	<.2	<5	<5	<5	2.54	405	<10	127	16	73	<20	<20	5	2.27	0.62	0.38	0.03	0.06	26	2	5	10	2	<5	<10	0.09	5
632 10400N	10750E	<5	<.2	30	7	44	2	9	6	<.2	<5	<5	<5	2.21	298	<10	258	11	59	<20	<20	5	2.43	0.45	0.47	0.04	0.05	31	3	5	17	2	<5	<10	0.09	5

ITS

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Geochemical Lab Report

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STANDARD NAME	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
ANALYTICAL BLANK		<5	<.2	<1	<2	<1	<1	<1	<1	<.2	<5	<5	<5	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.01	<1
ANALYTICAL BLANK		<5	<.2	<1	<2	<1	<1	<1	<1	<.2	<5	<5	<5	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.01	<1
ANALYTICAL BLANK		<5	<.2	<1	<2	<1	<1	<1	<1	<.2	<5	<5	<5	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.01	<1
ANALYTICAL BLANK		<5	<.2	<1	<2	<1	<1	<1	<1	<.2	<5	<5	<5	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.01	<1
ANALYTICAL BLANK		<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANALYTICAL BLANK		11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		6	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Mean Value		4	0.1	0.5	1	0.5	0.5	0.5	0.5	0.1	3	3	3	.005	0.5	5	0.5	0.5	0.5	10	10	0.5	.005	.005	.005	.005	.005	0.5	0.5	1	0.5	0.5	3	5	.005	0.5
Standard Deviation		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	0.2	1	2	1	1	1	1	0.1	2	5	5	0.05	1	.01	.01	1	1	.01	.01	.01	<.01	<.01	<.01	<.01	<.01	.01	.01	.01	.01	.01	.01	.01	<.01	.01
Gannet Standard		1613	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gannet Standard		1563	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		1588	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		1585	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCC GEOCHEM STD 4		-	1.0	253	33	237	3	45	9	0.8	<5	29	<5	2.50	597	<10	55	69	8	<20	<20	6	0.74	1.55	1.44	0.05	0.13	37	3	<2	5	<1	<5	<10	<.01	8
BCC GEOCHEM STD 4		-	1.1	253	31	211	3	35	8	0.8	<5	21	<5	2.40	552	<10	54	63	7	<20	<20	6	0.72	1.40	1.29	0.04	0.13	36	3	<2	5	<1	<5	<10	<.01	8
Number of Analyses		-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mean Value		-	1.1	253	32	224	3	40	8	0.8	3	25	3	2.45	575	5	55	66	8	10	10	6	0.73	1.48	1.36	0.05	0.13	36	3	1	5	0.5	3	5	.005	8
Standard Deviation		-	.07	0.2	1.0	19	0.3	7	0.8	.06	-	6	-	0.08	32	-	0.7	4	0.7	-	-	0.5	0.01	0.11	0.11	.002	.001	0.6	0.1	-	0.2	-	-	-	-	0.4
Accepted Value		-	0.8	290	33	255	4	42	9	0.8	1	30	1	2.60	600	0.1	55	80	9	5	1	4	0.77	1.34	1.43	0.04	0.14	39	4	2	7	1	12	1	0.01	8

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STANDARD NAME	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
Gannet Standard		380	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		380	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		394	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gannet Standard		2586	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		2586	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		2450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCC GEOCHEM STD 6		-	<.2	137	19	129	4	128	30	0.4	6	139	<5	6.32	1415	<10	7	180	47	<20	<20	9	1.77	2.47	3.81	0.01	0.04	72	3	3	17	<1	7	<10	<.01	5
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.1	137	19	129	4	128	30	0.4	6	139	3	6.32	1415	5	7	180	47	10	10	9	1.77	2.47	3.81	0.01	0.04	72	3	3	17	0.5	7	5	.005	5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.2	140	18	140	4	135	35	0.2	1	145	1	6.50	1450	-	6	170	50	5	12	-	1.80	2.70	4.00	0.01	0.04	70	3	-	24	2	6	1	.003	5
Gannet Standard		1137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		1137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		1050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCC GEOCHEM STD 5		-	0.7	92	10	76	2	36	16	<.2	7	<5	<5	4.35	741	<10	196	50	124	<20	<20	8	3.04	2.03	1.14	0.06	0.30	40	7	6	22	<1	10	<10	0.22	11
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.7	92	10	76	2	36	16	0.1	7	3	3	4.35	741	5	196	50	124	10	10	8	3.04	2.03	1.14	0.06	0.30	40	7	6	22	0.5	10	5	0.22	11
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.7	90	11	80	2	40	18	0.1	1	8	1	4.74	720	0.2	200	54	133	4	2	5	3.09	1.83	1.08	0.06	0.32	39	9	4	-	1	18	1	-	9
Gannet Standard		196	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		196	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Intertek Testing Services
Bondar Clegg

Geochemical Lab Report

CLIENT: DISCOVERY CONSULTANTS — PROJECT: 632

REPORT: V97-02113.0 (COMPLETE) — DATE RECEIVED: 18-AUG-97 — DATE PRINTED: 31-AUG-97 — PAGE 7 OF 7

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
632 10050N 10050E		<5	<.2	26	6	64	2	10	7	<.2	<5	5	<5	2.42	426	<10	114	17	74	<20	<20	3	1.58	0.59	0.50	0.03	0.13	35	2	3	8	<1	<5	<10	0.11	4
Duplicate		13	<.2	26	5	67	2	11	7	<.2	<5	<5	<5	2.49	435	<10	118	17	76	<20	<20	4	1.59	0.60	0.50	0.03	0.13	36	2	4	8	<1	<5	<10	0.12	4
632 10100N 10250E		62	<.2	45	8	93	<1	10	7	0.3	<5	<5	<5	2.11	489	<10	121	12	55	<20	<20	6	1.85	0.37	0.45	0.03	0.06	29	3	5	9	<1	<5	<10	0.07	5
Duplicate			0.3	45	8	95	1	9	7	0.4	<5	<5	<5	2.02	499	<10	126	11	53	<20	<20	5	1.86	0.37	0.47	0.03	0.06	29	3	5	9	<1	<5	<10	0.08	4
632 10100N 10500E		<5	<.2	54	9	179	<1	12	7	0.3	<5	14	<5	2.74	796	<10	239	18	61	<20	<20	4	2.92	0.66	0.56	0.04	0.06	31	4	6	23	<1	<5	<10	0.07	5
Duplicate		6																																	
632 10150N 10600E		8	<.2	46	11	91	2	11	8	0.3	<5	6	<5	2.69	729	<10	167	20	75	<20	<20	6	2.86	0.81	0.41	0.04	0.06	25	4	6	13	<1	<5	<10	0.08	5
Duplicate			<.2	47	8	94	1	12	8	0.2	<5	12	<5	2.87	760	<10	170	20	77	<20	<20	5	2.94	0.87	0.43	0.04	0.05	26	4	5	14	<1	<5	<10	0.08	6
632 10200N 10300E		23	<.2	68	8	84	3	14	11	0.2	<5	<5	<5	4.13	571	<10	141	19	100	<20	<20	4	1.82	1.09	0.48	0.03	0.15	41	4	4	10	<1	6	<10	0.09	4
Duplicate		23																																	
632 10250N 10050E		63	0.4	19	5	169	1	9	7	<.2	<5	<5	<5	2.12	793	<10	188	12	56	<20	<20	4	1.55	0.39	0.36	0.03	0.08	32	2	3	7	<1	<5	<10	0.07	3
Duplicate			0.4	20	6	172	1	10	7	<.2	<5	<5	<5	2.11	819	<10	191	12	55	<20	<20	3	1.55	0.39	0.37	0.03	0.07	32	2	3	7	<1	<5	<10	0.08	3
632 10250N 10650E		9	<.2	22	6	66	2	8	7	<.2	<5	13	<5	2.23	265	<10	109	13	67	<20	<20	4	2.07	0.41	0.28	0.03	0.04	21	2	6	10	<1	<5	<10	0.10	5
Duplicate		116																																	
632 10300N 10300E		12	0.3	123	35	144	<1	13	16	0.4	<5	6	<5	4.81	1196	<10	181	17	87	<20	<20	5	2.77	1.20	0.56	0.03	0.31	31	6	5	16	3	6	<10	0.07	4
Duplicate			0.3	122	35	143	<1	12	15	0.4	<5	6	<5	4.74	1175	<10	177	17	86	<20	<20	5	2.72	1.18	0.54	0.02	0.30	30	6	6	15	3	6	<10	0.06	4
632 10350N 10250E		36	<.2	42	13	146	<1	13	8	0.4	<5	10	<5	2.66	719	<10	213	16	70	<20	<20	4	2.53	0.72	0.53	0.03	0.10	39	3	6	13	<1	<5	<10	0.10	7
Duplicate		13																																	
632 10350N 10400E		36	<.2	55	8	75	<1	10	14	<.2	<5	<5	<5	3.69	579	<10	168	16	78	<20	<20	4	3.01	0.97	0.36	0.03	0.12	25	4	6	17	3	<5	<10	0.05	2
Duplicate			<.2	55	8	76	<1	11	14	<.2	<5	<5	<5	3.70	576	<10	168	16	80	<20	<20	4	2.97	0.99	0.36	0.03	0.12	25	4	6	17	3	<5	<10	0.05	2
632 10400N 10550E		1745	1.6	222	213	297	2	9	8	1.2	<5	<5	<5	3.14	546	<10	232	14	73	<20	<20	8	2.65	0.68	0.35	0.03	0.10	29	3	6	11	2	<5	<10	0.07	7
Duplicate		1759																																	
632 10400N 10600E		10	0.4	65	6	57	1	6	4	0.3	<5	<5	<5	1.33	121	<10	177	9	30	<20	<20	8	2.44	0.23	0.43	0.06	0.03	27	8	4	14	3	<5	<10	0.08	19
Duplicate			0.5	64	7	57	<1	7	4	<.2	<5	<5	<5	1.27	117	<10	175	8	29	<20	<20	7	2.35	0.23	0.41	0.06	0.03	26	8	5	14	4	<5	<10	0.08	19

APPENDIX B

CERTIFICATE OF ANALYSIS

For

Rock Samples

Intertek Testing Services
Bondar Clegg

Geochemical Lab Report

REPORT: V97-02112.0 (COMPLETE)

REFERENCE:

CLIENT: DISCOVERY CONSULTANTS

PROJECT: 632

SUBMITTED BY: R.M.

DATE RECEIVED: 18-AUG-97 DATE PRINTED: 27-AUG-97

DATE APPROVED		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
970824	1 Au30	Gold	2	5 PPB	Fire Assay of 30g	30g Fire Assay - AA
970824	2 Ag	Silver	2	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	3 Cu	Copper	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	4 Pb	Lead	2	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	5 Zn	Zinc	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	6 Mo	Molybdenum	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	7 Ni	Nickel	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	8 Co	Cobalt	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	9 Cd	Cadmium	2	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	10 Bi	Bismuth	2	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	11 As	Arsenic	2	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	12 Sb	Antimony	2	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	13 Fe	Iron	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	14 Mn	Manganese	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	15 Te	Tellurium	2	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	16 Ba	Barium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	17 Cr	Chromium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	18 V	Vanadium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	19 Sn	Tin	2	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	20 W	Tungsten	2	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	21 La	Lanthanum	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	22 Al	Aluminum	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	23 Mg	Magnesium	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	24 Ca	Calcium	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	25 Na	Sodium	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	26 K	Potassium	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	27 Sr	Strontium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	28 Y	Yttrium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	29 Ga	Gallium	2	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	30 Li	Lithium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	31 Nb	Niobium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	32 Sc	Scandium	2	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	33 Ta	Tantalum	2	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	34 Ti	Titanium	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
970824	35 Zr	Zirconium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	2	2 -150	2	CRUSH/SPLIT & PULV.	2

REPORT COPIES TO: P.O. BOX 933

INVOICE TO: P.O. BOX 933

****

This report must not be produced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated

****

Intertek Testing Services
Bondar Clegg

Geochemical Lab Report

CLIENT: DISCOVERY CONSULTANTS

PROJECT: 632

REPORT: V97-02112.0 (COMPLETE)

DATE RECEIVED: 18-AUG-97 DATE PRINTED: 27-AUG-97 PAGE 1 OF 2

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
97-RO-1		<5	0.3	33	10	71	2	16	12	<.2	<5	<5	<5	3.09	1182	<10	80	43	118	<20	<20	9	2.38	1.91	2.28	0.13	0.09	106	6	5	18	<1	7	<10	0.12	6
97-RO-2		38	0.6	914	7	195	3	24	18	<.2	8	<5	<5	6.20	1466	<10	556	36	155	<20	<20	12	0.69	1.84	4.88	0.02	0.25	82	4	<2	4	<1	15	<10	<.01	2

Intertek Testing Services
Bondar Clegg

Geochemical Lab Report

CLIENT: DISCOVERY CONSULTANTS — PROJECT: 632

REPORT: V97-02112.0 (COMPLETE) — DATE RECEIVED: 18-AUG-97 — DATE PRINTED: 27-AUG-97 — PAGE 2 OF 2

STANDARD NAME	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM
BCC GEOCHEM STD 5		-	0.8	81	10	69	2	34	16	<.2	<5	7	<5	4.08	735	<10	180	46	114	<20	<20	12	2.89	1.89	0.99	0.05	0.29	36	7	7	21	<1	9	<10	0.19	10
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.8	81	10	69	2	34	16	0.1	3	7	3	4.08	735	5	180	46	114	10	10	12	2.89	1.89	0.99	0.05	0.29	36	7	7	21	0.5	9	5	0.19	10
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.7	90	11	80	2	40	18	0.1	1	8	1	4.74	720	0.2	200	54	133	4	2	5	3.09	1.83	1.08	0.06	0.32	39	9	4	-	1	18	1	-	9
ANALYTICAL BLANK		<5	<.2	<1	<2	<1	<1	<1	<1	<.2	<5	<5	<5	<.01	1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.01	<1
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		3	0.1	0.5	1	0.5	0.5	0.5	0.5	0.1	3	3	3	.005	1	5	0.5	0.5	0.5	10	10	0.5	.005	.005	.005	.005	.005	0.5	0.5	1	0.5	0.5	3	5	.005	0.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	0.2	1	2	1	1	1	1	0.1	2	5	5	0.05	1	.01	.01	1	1	.01	.01	.01	<.01	<.01	<.01	<.01	<.01	.01	.01	.01	.01	.01	.01	.01	<.01	.01
Garnet Standard		169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		169	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LEGEND

(1)

Soil sample location

632-97-R01
x
Rock sample location

Prime 1
T.N.350368

Prime 2
T.N.350369

Prime 3
T.N.350370

Prime 4
T.N.350371

Prime 5
T.N.350372

Prime 6
T.N.350373

Prime 7
T.N.350374

Prime 8
T.N.350375

Prime 9
T.N.350376

Prime 10
T.N.350377

Prime 11
T.N.350378

PRIMER North Zone

PRIMER South Zone

632-97-R01
Altered andesite

632-97-R01
Hornblende porphyry

Missezula Lake
+1011m

Dillard Creek

Summers Creek

Calois Creek

To Princeton
36km

Map 1
Map 2

1°54'
True North
UTM Grid North

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,189

PROFESSIONAL GEOLOGIST OF ALBERTA
JAMES M. KOFFYBERG

0 100 200 300
metres

Topographic contour interval = 20 metres

DISCOVERY Consultants

PHOENIX SYNDICATE (MAP1)

PRIME NORTH PROPERTY
Geochemical Survey 1997
SAMPLE LOCATIONS (1997)

Location: Dillard Cr.		Mining Jurisdiction: Similkameen		
Datum: NAD83	Map Ref.: 092H.078	Scale: 1:5000	UTM: 10	
Project: 632	Date: Sept.30/1997	Drawn By: R.M.	Figure: 3	

LEGEND

(2)

- Soil sample location
- 25 — Values shown in ppb gold
- \- — Indicates <5 ppb Au

Gold Values
- 20 ppb Au
- 35 ppb Au
- 70 ppb Au

- 632-97-R01 x — Rock sample location
- 38 — Values shown in ppb gold
- \- — Indicates <5 ppb Au

Prime 1 T.N.350368
Prime 2 T.N.350369
Prime 3 T.N.350370
Prime 4 T.N.350371
Prime 5 T.N.350372
Prime 6 T.N.350373
Prime 7 T.N.350374
Prime 8 T.N.350375
Prime 9 T.N.350376
Prime 10 T.N.350377
Prime 11 T.N.350378

PRIMER North Zone
PRIMER South Zone

632-97-R01 38 Altered andesite
632-97-R01 Hornblende porphyry

Missezula Lake +1011m
Dillard Creek
Summers Creek
Calois Creek
To Princeton 36km

Man 1
Man 2

1°54'
True North
UTM Grid North

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,189

0 100 200 300
metres
Topographic contour interval = 20 metres

DISCOVERY Consultants

PHOENIX SYNDICATE

PRIME NORTH PROPERTY
Geochemical Survey 1997
GOLD VALUES (MAP 2)

Location: Dillard Cr.		Mining Jurisdiction: Similkameen	
Datum: NAD83	Map Ref.: 092H.078	Scale: 1:5000	UTM: 10
Project: 632	Date: Sept.30/1997	Drawn By: R.M.	Figure: 4

LEGEND

(3)

Soil sample location

Values shown in ppm copper

Indicates <5 ppm Cu

Copper Values
60 ppm Cu
75 ppm Cu
125 ppm Cu

632-97-R01
x
Rock sample location

914
Values shown in ppm copper

-
Indicates <5 ppm Cu

Prime 1
T.N.350368

Prime 2
T.N.350369

Prime 3
T.N.350370

Prime 4
T.N.350371

Prime 5
T.N.350372

Prime 6
T.N.350373

Prime 7
T.N.350374

Prime 8
T.N.350375

Prime 9
T.N.350376

Prime 10
T.N.350377

Prime 11
T.N.350378

PRIMER North Zone

PRIMER South Zone

632-97-R01
914
Altered andesite

632-97-R01
33
Hornblende porphyry

Missezula Lake
+1011m

Dillard Creek

Summers Creek

Calois Creek

To Princeton
36km

Man 1
Man 2

1°54'
True North
UTM Grid North

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,189

PROFESSIONAL GEOLOGIST OF ALBERTA
ADAMS M. KOFFYBERG

0 100 200 300
metres
Topographic contour interval = 20 metres

DISCOVERY Consultants

PHOENIX SYNDICATE

PRIME NORTH PROPERTY
Geochemical Survey 1997
COPPER VALUES (MAP 3)

Location: Dillard Cr.		Mining Jurisdiction: Similkameen	
Datum: NAD83	Map Ref.: 092H.078	Scale: 1:5000	UTM: 10
Project: 632	Date: Sept.30/1997	Drawn By: R.M.	Figure: 5