GEOCHEMICAL GRID

on the

ATO CLAIM

Claims:
ATO I #7948 (10)
ATO II #7949 (10)
ATO III #7950 (10)
ATO IV #12065 (6)
ATO V #12066 (6)

OMINECA MINING DIVISION

93N/14

55°56'N 125°16'W

for
CATHEDRAL GOLD CORPORATION
by
ALAN B. TAYLOR

JANUARY 1991

SUMMARY

The 100 unit ATO claim group is located in the Omineca Mountains, 39 kilometers WNW of Germansen Landing, north central British Columbia. The main grid area in the southern part of the claim group is accessible by a 4X4 cat road which joins into the Germansen road while the ATO 1 and 2 claims are more remote. The claims straddle the geologic boundary between the Triassic Takla andesitic volcanics to the east and the Jurassic Hogem Batholith intrusive suite, comprised of dioritic through syenitic rocks, to the west. The Hogem batholithic suite has in the past been the target of mineral exploration for porphyry copper deposits and only recently, since the discovery of the Mt. Milligan deposit, is being re-evaluated for its' porphyry copper-gold potential.

The ATO claim group is 100% owned and operated by Cathedral Gold Corporation of Vancouver, B.C. Previous exploration on the ATO property was originally carried out by Kennco explorations Ltd. who located high grade copper float on Rhondah creek in 1962 (presently on ATO 3 claim). While Kennco evaluated the adjacent copper-gold Lorraine Deposit, Tyee Lake Resources optioned the ATO ground in 1970. Tyee established a soil grid on Rhondah Creek and drilled 5 diamond drill holes on strong copper anomalies from which hole 70-1 returned 180 feet of 0.51% Cu (no Au assayed for). Cominco Ltd., took an option on the property in 1971 and carried out further soil sampling, geophysical surveys, cat trenching and rotary drilling on the southern part of the ATO claims (ATO 3,4,5 claims). Cominco terminated the option in 1972. Cathedral Gold Corporation staked 60 units of the property in 1986 and added 40 more units in 1990.

In 1990 Cathedral re-established a grid over the main Rhondah Creek showing on the southern part of the ATO ground to evaluate its copper-gold potential. Soil sampling was carried out along with a ground magnetometer survey. The results of this soil survey outlined significant copper anomalies (greater than 500ppm) with low associated gold values. Mineralization is in the form of both fracture filling and disseminated chalcopyrite, bornite, pyrite, molybdenite, and magnetite within intrusive rocks. The magnetometer survey did not further define the geologic contact but did mimic a zone of well developed pyrite-magnetite stockwork mineralization.

The present geology indicates the fundamental processes of ore deposition have been active on the ATO property. Such basic associates of ore deposition such as strong Kspar alteration, stockwork fracturing or veining and significant drilled copper intercepts are all present on the property. This favourable geology has only been evaluated in any detail on the established grid which is on the extreme southern portion of the ATO claim group.

Excellent copper-gold values have been received from reconnaissance rock and soil sampling on the ATO 1 and 2 claims along strike of the intrusive/volcanic contact. This contact extends for over 8 kilometers through the property. The focus of future exploration will be to further evaluate by detailed surveys along the length of this contact area to define targets for drilling.

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

APPENDIX

1.0 LOCATION, ACCESS AND TOPOGRAPHY

The ATO group of claims are located in the Omineca Mountains, Swannell Range north central British Columbia (NTS 93N/14, Figure 1). The southern claims are presently accessible by a 4x4 road which was reopened in the spring of 1990. This road cuts through the newly established grid and runs west to Duckling Creek and the Lorraine Deposit. Germansen Landing is 48 km from the grid by road to the east of which 8 km requires 4x4.

The area consists of forested valleys at 1,100m elevation which give rise to alpine type vegetation on sharp ridges that rise up to 2,000m.

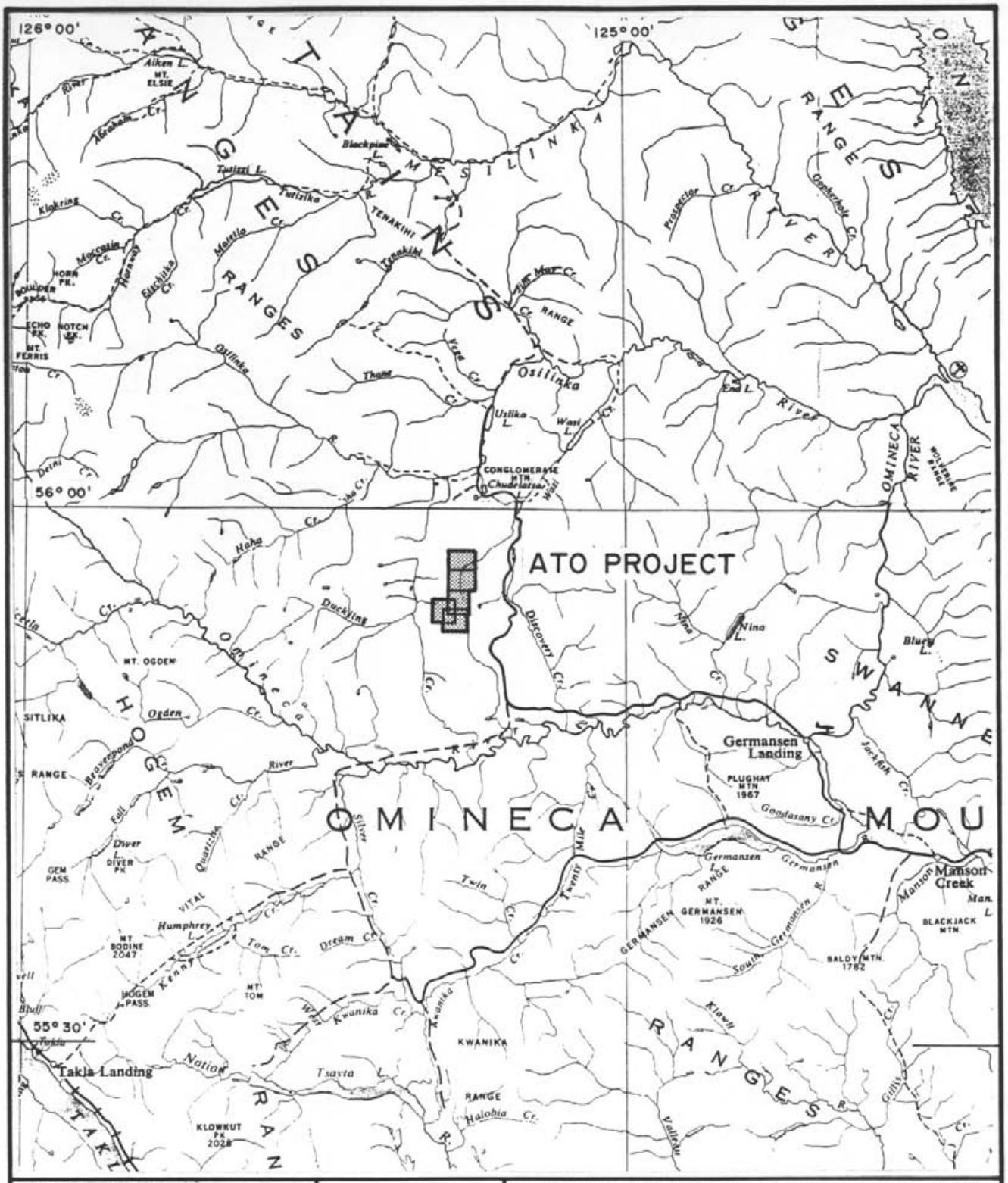
2.0 CLAIMS AND OWNERSHIP

The ATO property consists of 5 claim blocks, which are 100% owned and operated by Cathedral Gold Corporation (Figure 2). The claims have been grouped and consist of the following:

Claim Name	Record Number	Number of Units	Expiry Date
ATO I	7948	20	Oct. 3, 1991
ATO II	7949	20	Oct. 3, 1991
ATO III	7950	20	Oct. 3, 1991
ATO IV	12065	20	June 14, 1991
ATO V	12066	20	June 14, 1991

3.0 HISTORY AND PREVIOUS WORK

Kennco carried out the earliest systematic exploration work on what was then known as 'Dorel' claims in 1961 and 1962. This involved limited geochemical and geophysical surveys which located some geochemical anomalies along with high grade chalcopyrite-pyrite float in the Rhondah Creek area (site of ATO Grid).



PROJECT LOCATION

CATHEDRAL GOLD CORPORATION

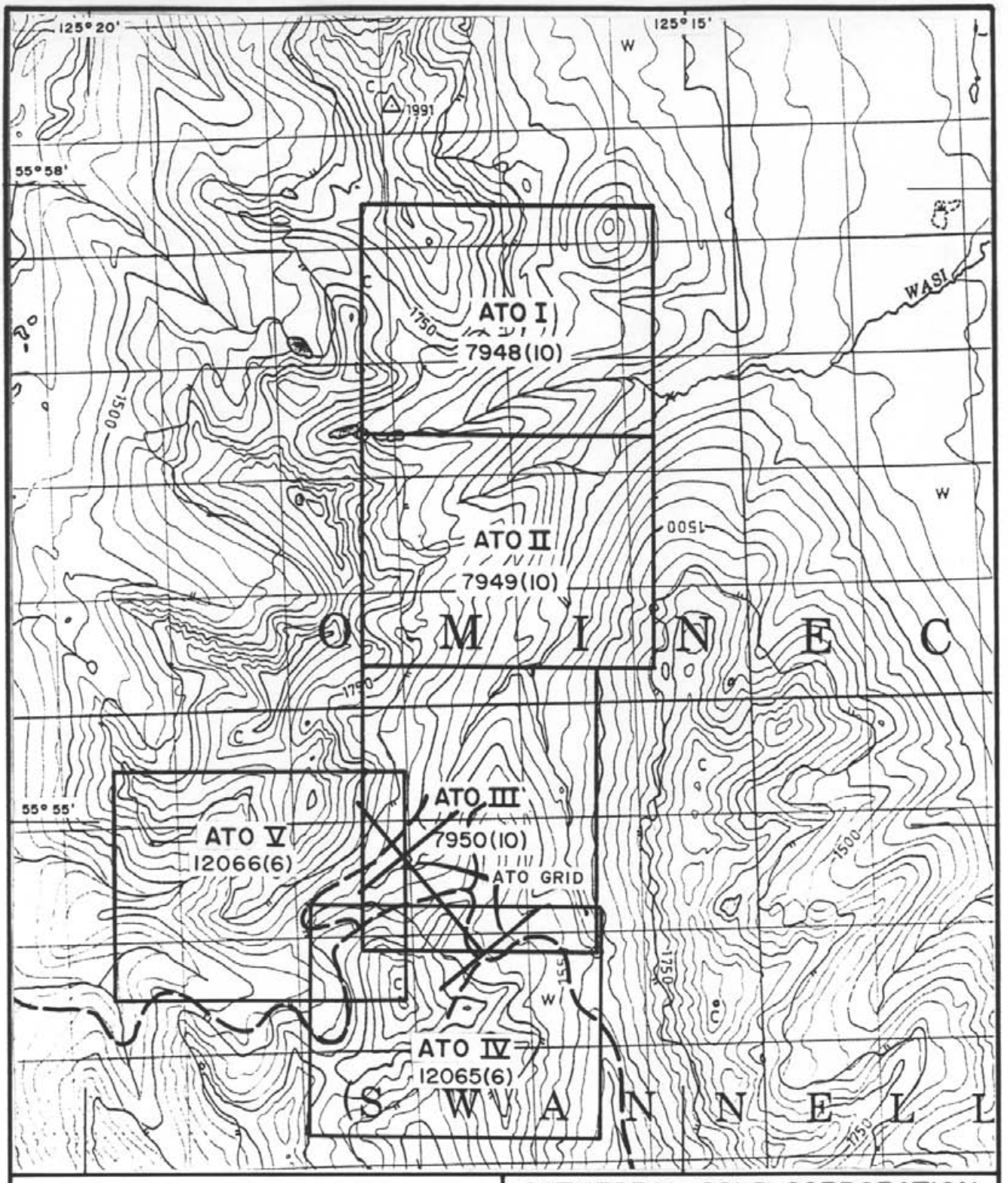
ATO

FIGURE 1 — MAP No. 1D & 1G

LOCATION MAP

Km 10 0 10 20 30 Km

SCALE: 1 : 600 000	GEOLOGIST: A. TAYLOR
DATE: DECEMBER 1990	DRAWN BY: S. HAWORTH



LEGEND

ATO Grid

Cat Road

CATHEDRAL GOLD CORPORATION

ATO

FIGURE 2 N.T.S. 93N/14

CLAIM MAP

Km 1 0 1 2 Km

SCALE: 1:50000	GEOLOGIST: A. TAYLOR
DATE: DECEMBER 1990	DRAWN BY: S. HAWORTH

In 1970 Tyee Lake Resources established 8 miles of cat road into the property, a grid over Rhondah Creek, geologic mapping, some geophysics and a total of 3,037 ft of BQ diamond drilling over 5 holes (70-1->70-5). The emphasis of these programs was to examine the porphyry copper potential. Hole 70-1 was successful in intercepting 180 feet of 0.51% Cu which prompted Cominco Ltd. and Marubeni-Lida (Canada) Ltd. to form a joint option of the property. In 1971 trenching, linecutting, geochemical surveys, mapping, road building and 2,000 feet of percussion drilling over 10 holes was carried out in the area with little success. In 1972 the claim adjacent to the Rhondah grid were further evaluated by trenching, geochemistry, geophysics and 1,180 feet of percussion drilling over 8 holes. The joint venture returned no economic concentrations of copper mineralization and the agreement was terminated.

Cathedral Gold Corporation staked 3 claim blocks in 1986 and with the discovery of Mount Milligan porphyry copper-gold deposit 130 km to the southeast decided to explore the precious metal potential of the showing. The ATO IV and V claims were staked in June 1990 and a grid was established in September 1990 over the Rhondah Creek area. All sampling had to be re-done to be evaluated for copper-gold potential.

3.1 Geology

The property straddles the contact between the Hogem Batholith and the Takla group which both lie within a long fault-bounded trough known as the Quesnel Trough (Roddick et al. 1967). The Takla group is considered to be the older rocks at Triassic age principally of marine volcanic origin containing mostly basalt and andesitic type rocks. The Hogem Batholith is considered to be of Upper Jurassic or Lower Cretaceous age and consists mainly of dioritic, syenitic and monzonitic compositions which in places, have been overprinted by a late magmatic alkali metasomatism with associated sulphide mineralization. Mineralization in the form of chalcopyrite, bornite $\pm$ magnetite $\pm$ pyrite occurs along fracture planes and occasionally as disseminations within the K-spar altered assemblage. Pyrite is common in the Takla group. The North-South contact appears to be a 200-300m mixed 'zone' of hybrid intrusive phases containing variable size volcanic pendants.

The Lorraine porphyry copper deposit is situated 10 km to the west of the ATO property and contains a reported reserve of 10 million tonnes averaging 0.7% copper and 0.10 to 0.34 ppm gold (Wilkinson et al. 1976).

4.0 WORK COMPLETED

A 1.7 km long baseline at a 320° trend was chained in and 50m spaced picketed slope corrected sample stations were located. From this baseline 13.4 km of grid lines were established at 100m spacing with flagged stations where soil samples were taken every 25m. Soil samples were taken from the B soil horizon which was generally well developed in the forested part of the grid. A total of 497 soils were collected from the grid and analyzed by ICP methods and Au by AA (see Appendix 1). A total of 99 rocks (including 8 samples from existing drill core) were analyzed by the same method.

A fluxgate magnetometer survey was also conducted over 10 km of the grid from lines 9300N and 10300N inclusive.

4.1 Results

On the ATO grid soil geochemical results reveal 2 highly anomalous copper zones (>1,000 ppm Cu) with associated weak gold zones (>50 ppb Au). The main anomaly (anomaly #1) on lines 10000N, 10100N from 10000E through 10200E is the site of the previously tested copper anomaly (Rhondah). The weak gold zone associated with this anomaly has less than 150 of strike and would appear to be adequately drill tested previously. Since the drill core was located and some semblance of order was still present it was decided to analyze some core from the best copper intersection (previously no gold had been analyzed for). Hole P-70-1 was reported to have intercepted 180 ft of 0.51% Cu of which the available part was resampled (Table 1). The results show generally low grade gold values (averaging 0.15 g/t Au) over a similar .50% Cu grade as reported by Tyee Lake Resources. At the same time, it should be noted that the actual available sampled intervals represent only 11% of the total reported intersection. There is a strong, direct correlation between Copper and Gold values on the ATO grid. Anomaly 2 on line 9700N, west of 9950E is steep terrain with very low associated gold values. This anomaly is related to a series of pyrite dykes in the volcanics carrying subordinate copper. Local ankeritic alteration is noted in some cliff areas.

ATO TABLE 1 : RESULTS OF DRILL CORE SAMPLING HOLE P-70-1

	DEPTH(FEET)			CATHEDRAL 1990	
	FROM	TO	LENGTH	COPPER %	AU(PPB)
REPORTED HIGH GRADE INTERCEPT					
	215	220	5	0.94	320
	220	225	5	0.21	58
	225	230	5	0.47	125
	230	236	6	0.39	108
INTERCEPT AVERAGE			21	0.50	150
MISCELLANEOUS CORE					
	363	368	5	0.14	39
	368	373	5	0.04	14
	373	379	6	0.13	27
	379	386.5	7.5	0.03	8
MISCELL. AVERAGE			23.5	0.08	21
TOTAL AVERAGE			44.5	0.28	82

REPORTED 1970 TYEE LAKE RESOURCES DRILL INTERCEPT

	FROM	TO	LENGTH	COPPER %
	120	530	410	0.33
INCLUDING	120	300	180	0.51

ATO TABLE 2 : RESULTS FROM TRENCH SAMPLING

TRENCHES ON SOUTH SIDE OF
CAT ROAD. DISTANCE IN M.
FROM 9600N/10300E AT 295AZ

SAMPLE NUMBER	FROM	TO	LENGTH	MO PPM	CU PPM	FE %	AU PPB
D 53057	18	20	2	4	73	4.36	18
D 53058	20	22	2	3	121	7.24	15
D 53059	22	24	2	2	138	4.27	9
D 53060	24	26	2	11	388	6.25	11
D 53061	26	28	2	15	448	7.6	29
D 53062	28	30	2	41	375	8.06	33
D 53063	50	52	2	2	140	5.13	2
D 53064	52	54	2	7	288	5.44	3
D 53065	66	68	2	1	169	4.86	2
D 53066	68	69	1	24	148	5.75	1
D 53067	84	86	2	2	230	4.19	1
D 53068	86	88	2	8	209	4.42	1
D 53069	88	90	2	2	60	4.07	2
D 53070	90	92	2	8	105	3.88	1
D 53071	92	94	2	8	226	4.48	1
D 53072	94	96	2	12	106	4.58	1
D 53073	96	98	2	2	166	4.98	1
D 53074	98	100	2	14	798	5.41	2
D 53075	106	108	2	3	168	4.49	1
D 53076	108	110	2	4	135	3.96	1
D 53077	110	112	2	2	162	3.52	1
D 53078	112	114	2	1	123	3.89	1
D 53079	114	116	2	14	109	5.18	1
D 53080	116	118	2	1	83	3.98	3
D 53081	118	120	2	6	194	3.48	1
D 53082	120	122	2	5	97	2.99	1
D 53083	188	190	2	3	326	4.01	2
D 53084	190	192	2	16	258	4.91	1
D 53085	192	194	2	30	205	6.2	1
D 53086	194	196	2	2	171	4.33	2
D 53087	196	198	2	2	166	3.45	6
D 53088	198	200	2	1	256	3.74	6
D 53089	200	202	2	1	131	3.21	4
D 53090	202	204	2	7	355	4.08	11
D 53091	204	206	2	1	447	4.47	11
D 53092	222	223	1	21	1542	9.43	12
			AVERAGE	8	253	4.84	6

An almost continuous trench was made on the southside of the road between station 9500N 10300E and 9800N 10100E (see Figure 3). This exposed a moderate pyrite-magnetite stockwork vein system in the diorite. This exposure was sampled along most of its length in 1-2m widths (sample #53057->53092). Results do not indicate any copper-gold anomalies but do have high (average 4.84%) iron content (see Table 2). Spot grab sampling of significant rocks on the grid show moderate to low Cu-Au values with the exception coming from a massive pyrite vein at 10072N 9995E which analyzed 8.3% Cu and 3.2 g/t Au.

The magnetometer survey (Figure 4) did not further define the Takla/Hogem contact and exposed a few moderate anomalies one of which appropriately drapes across the trenches that contain stockwork magnetite veins. It would appear that magnetite is not Cu or Au bearing therefore it is questionable it this survey would be of further use in this particular area.

One day of prospecting ATO I claim was spent (D53151->D53863) but showed no strongly anomalous rocks which had been found previously. However very similar geology and alteration was noted which indicates good potential along the Hogem/Takla contact zone.

4.2 Conclusions

1. The main #1 anomaly on the ATO grid does not appear to be very extensive and its associated gold values are weak. It would appear previous drilling has adequately tested this anomaly and that gold values in drill core are subeconomic.

2. The #2 anomaly is a one line Cu anomaly of limited extent and access which can be explained by local geology hence, at this time, it does not warrant further investigation.

3. The magnetometer survey did not reveal any significant anomalies.

4. The present geology indicates the fundamental processes of ore deposition have been active on the ATO property. Such basic associates of ore deposition such as strong Kspar alteration, stockwork fracturing or veining and significant drilled copper intercepts are all present on the property. This favourable geology has only been evaluated in any detail on the established grid which is on the extreme southern portion of the ATO claim group. Excellent copper-gold values have been received from reconnaissance rock and soil sampling on the ATO 1 and 2 claims along strike of the intrusive/volcanic contact. This contact extends for over 8 kilometers through

the property. The focus of future exploration will be to further evaluate by detailed surveys along the length of this contact area to define targets for drilling.

4.3 Recommendations

1. Further geochemical, geological and geophysical exploration along strike of the Hogem-Takla contact to define targets for drilling.

5.0 BIBLIOGRAPHY

Armstrong, J.E. 1949: Fort St. James Map Area, British Columbia Map 907A, Geological Survey of Canada, Memoir 252.

Bishop, S.T. 1989: Geology and Geochemical Report on the ATO Property. Assessment Report #19449.

Garnett, J.A. 1978: Geology and Mineral Occurrences of the Southern Hogem Batholith, B.C. Department of Mines and Petroleum Resources, Bulletin #70.

Roddick, J.A., Wheeler, J.O., Gabrielse, H. and Souther, J.G. 1967: Age and Nature of the Canadian Part of the Circum-Pacific Orogenic Belt, Tectonophysics, Vol. 4, pp 319-337.

Stevenson, R.W. 1963: Report on Geochemical Survey Rhonda Claim Group. Assessment Report #532.

Taylor, A.B. 1987: Geology and Geochemistry of the ATO Claim, Swannell Range, North Central B.C. Assessment Report #16830.

Tipper, H.W., Campbell, R. B., Taylor, G.C. and Scott, D.F. 1979: Parsnip River British Columbia. Map 1424A, Sheet 93, G.S.C.

Wilkinson, W.J., Stevenson, R.W. and Garnett, J.A. 1976: Lorraine, CIM Spec. Vol. 15, Porphyry Deposits of the Canadian Cordillera, pp. 397-401.

6.0 COST STATEMENT

Personnel

Alan Taylor & Rad Pesalj	14 days each @ $250	$7,000	
Lodging		1,400	$8,400

Analytical Costs

597 analysis (ICP, Au, AA, plus shipping)		5,482

Transportation

Truck Rental	1,647	
Helicopter	700	2,347

Miscellaneous

Supplies	500	
Report Writing	1,000	
Drafting (Computer)	1,000	
Expense Account	500	3,000
		$19,229

7.0 AUTHOR'S QUALIFICATIONS

I, Alan B. Taylor, geologist, residing at 15-8720 Maplegrove Crescent in the Municipality of Burnaby, Province of British Columbia, hereby certify that:

1. I graduated from Brock University in 1979 with an Honours Bachelor of Science in Geology.

2. I graduated from the University of Western Ontario in 1984 with a Master of Science in Geology.

3. I have worked for various mining companies and government geological surveys since 1977.

4. I am presently a permanent staff geologist with Imperial Metals Corporation of 800-601 West Hastings Street, in the City of Vancouver, Province of British Columbia.

5. The work described in this report on the ATO claims was undertaken under my direct supervision.

Dated at the City of Vancouver this 6th day of February, 1991.

Alan B. Taylor, Geologist

APPENDIX 1

Analytical Analyses and Procedures

GEOCHEMICAL ANALYSIS CERTIFICATE

Cathedral Gold Corp. PROJECT 7101 File # 90-4272 Page 1

800 - 601 W. Hastings St., Vancouver BC V6B 5A6

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
10000N 9600E	7	363	8	61	.1	13	15	967	5.91	11	5	ND	1	267	.2	7	2	179	1.70	.255	11	24	1.06	154	.08	2	3.71	.02	.08	1	6
10000N 9625E	7	312	6	62	.1	12	14	851	6.27	8	5	ND	1	226	.2	2	2	187	1.32	.256	10	26	.86	120	.06	3	3.30	.02	.06	1	2
10000N 9650E	6	326	10	63	.1	12	13	880	4.85	7	5	ND	1	252	.2	2	2	142	1.35	.254	10	22	.92	134	.07	3	3.60	.02	.07	1	4
10000N 9675E	6	291	2	61	.1	13	12	524	4.47	6	5	ND	1	299	.2	5	2	134	1.68	.262	10	26	.84	136	.06	4	3.87	.02	.08	1	6
10000N 9700E	6	367	7	56	.1	39	16	664	5.28	11	5	ND	1	210	.2	3	4	159	1.80	.186	9	42	1.15	105	.06	2	3.61	.03	.08	1	3
10000N 9725E	24	219	2	45	.1	17	12	519	4.62	8	5	ND	1	201	.2	2	2	124	1.99	.172	8	23	.81	89	.03	2	3.54	.04	.05	1	4
10000N 9750E	10	81	4	60	.2	13	8	381	3.29	2	5	ND	1	332	.2	2	2	106	.65	.101	6	20	.58	136	.08	2	2.21	.02	.05	1	2
10000N 9775E	12	60	10	49	.6	7	5	187	1.94	2	5	ND	1	246	.2	2	2	73	.73	.064	5	15	.43	113	.07	2	1.96	.02	.04	1	6
10000N 9800E	3	106	6	64	.1	13	11	305	7.43	7	5	ND	1	161	.2	2	3	213	.65	.376	5	31	.50	107	.07	3	2.79	.02	.04	1	2
10000N 9825E	3	92	9	61	.3	12	8	346	3.93	6	5	ND	1	125	.2	3	2	118	.35	.122	6	24	.45	81	.06	3	4.01	.01	.03	1	8
10000N 9850E	2	217	5	68	.2	12	13	396	6.19	9	5	ND	1	109	.2	4	2	199	1.04	.336	10	29	.85	73	.09	5	3.50	.01	.03	1	3
10000N 9875E	4	301	8	76	.2	17	15	507	7.05	11	5	ND	1	132	.2	9	4	222	1.06	.239	8	36	1.07	72	.11	5	4.39	.01	.04	1	2
10000N 9900E	7	1669	6	54	.2	27	28	418	6.46	12	5	ND	1	118	.3	8	3	161	.83	.154	5	64	1.17	91	.13	5	4.15	.02	.07	1	102
10000N 9925E	5	268	15	56	.4	12	9	308	4.85	4	5	ND	1	124	.2	2	2	142	.56	.185	5	30	.55	81	.06	5	2.84	.01	.04	1	30
10000N 9950E	2	93	8	25	.3	8	4	108	1.77	2	5	ND	1	71	.2	2	4	95	.27	.041	5	28	.36	55	.14	2	2.14	.01	.04	2	10
10000N 9975E	60	936	7	53	1.0	20	16	393	7.80	9	5	ND	1	124	.2	3	4	179	.58	.216	5	65	.82	70	.10	5	2.57	.02	.07	1	63
10000N 10000E	33	2058	13	52	.5	31	37	379	6.37	8	5	ND	1	137	.2	4	2	128	.90	.127	5	55	1.03	124	.12	5	3.71	.03	.07	4	110
10000N 10025E	34	1275	6	32	.6	24	19	354	7.60	13	5	ND	1	66	.2	4	2	144	.44	.182	3	76	.66	42	.10	4	2.11	.01	.04	1	240
10000N 10050E	15	2082	10	48	.3	38	29	372	6.51	12	5	ND	1	80	.3	6	2	144	.74	.164	6	89	1.01	61	.12	3	3.12	.02	.05	1	96
10000N 10075E	49	1161	6	37	.3	34	22	290	7.13	10	5	ND	1	83	.2	3	2	177	.63	.145	5	91	.92	62	.12	4	2.61	.02	.06	4	96
10000N 10100E	49	1209	6	51	.2	23	18	295	8.30	12	5	ND	1	80	.7	6	2	175	.45	.099	2	84	.85	52	.11	7	2.82	.01	.04	1	370
10000N 10125E	17	648	2	46	.4	20	14	292	5.55	8	5	ND	1	54	.2	3	2	150	.46	.085	4	67	.70	40	.13	4	2.27	.02	.04	1	70
10000N 10150E	25	1280	5	38	.3	27	24	305	6.92	10	5	ND	1	61	.5	3	2	164	.59	.114	4	84	.83	46	.12	4	2.22	.02	.06	3	137
10000N 10175E	31	1119	10	59	.4	25	28	306	7.83	19	5	ND	1	45	.2	3	2	150	.47	.133	4	68	.88	43	.12	6	2.78	.02	.05	3	36
10000N 10200E	16	823	4	41	.1	21	19	235	5.87	14	5	ND	1	38	.2	2	2	131	.46	.085	4	66	.85	38	.12	3	3.31	.02	.05	3	57
10000N 10225E	9	310	2	27	.2	23	14	372	5.37	11	5	ND	1	36	.2	3	5	132	.53	.085	3	70	.80	40	.16	3	2.50	.03	.06	6	21
10000N 10250E	6	390	2	35	.1	25	16	282	4.52	5	5	ND	1	36	.2	2	2	98	.53	.068	4	62	.80	38	.14	2	3.32	.02	.05	6	14
10000N 10275E	7	188	7	36	.8	17	7	170	2.39	2	5	ND	1	40	.2	2	2	72	.40	.080	4	37	.67	37	.09	4	1.94	.02	.05	2	10
10000N 10300E	11	287	3	86	.2	21	23	704	3.25	2	5	ND	1	51	.2	2	3	77	1.40	.097	4	39	.87	39	.11	4	2.08	.02	.05	1	6
10000N 10325E	15	105	8	33	.2	13	9	176	3.13	2	5	ND	1	52	.2	2	3	122	.70	.036	3	30	.72	45	.24	2	1.38	.02	.03	4	26
10000N 10350E	4	245	3	64	.1	28	23	422	3.71	3	5	ND	1	55	.2	2	2	86	1.25	.054	3	47	1.08	54	.14	5	2.04	.05	.07	3	6
10000N 10375E	4	69	5	30	.1	13	9	164	2.54	2	5	ND	1	42	.2	2	2	92	.44	.030	4	30	.57	41	.14	2	2.07	.02	.04	1	6
10000N 10400E	3	245	12	57	.3	24	18	309	4.53	12	5	ND	1	66	.2	4	2	123	.58	.074	4	51	1.00	43	.13	5	3.77	.02	.04	1	9
10000N 10425E	15	385	3	77	.1	23	19	588	3.92	5	5	ND	1	106	.3	2	2	99	1.67	.088	8	38	1.12	197	.12	3	2.43	.03	.06	1	7
10000N 10450E	10	323	7	51	.1	18	25	473	4.85	14	5	ND	1	161	.2	2	2	126	1.77	.094	9	44	1.28	181	.08	4	2.72	.04	.08	1	27
10000N 10475E	6	57	6	40	.2	6	10	121	3.30	2	5	ND	1	63	.2	2	2	127	.29	.032	4	19	.29	75	.07	3	2.03	.01	.04	1	12
STANDARD C/AU-S	19	59	40	132	7.2	71	31	1057	3.98	40	16	7	38	53	18.5	15	21	56	.52	.100	38	60	.90	181	.07	37	1.90	.06	.14	13	51

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P8 SOIL P9 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 10 1990 DATE REPORT MAILED: Sep 15, 90 SIGNED BY ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
10000N 10500E	4	158	4	64	.1	12	16	268	5.83	5	5	ND	1	64	.5	2	3	138	.34	.077	4	29	.79	67	.10	2	4.06	.01	.04	1	15
9900N 9700E	17	310	2	49	.2	18	20	753	7.69	22	5	ND	2	247	1.1	2	3	191	2.46	.140	9	17	.78	74	.07	2	3.83	.04	.10	1	5
9900N 9750E	5	101	4	84	.1	8	7	299	4.26	8	5	ND	1	162	.3	2	2	116	.60	.142	6	18	.35	93	.05	2	3.18	.02	.03	1	10
9900N 9775E	7	153	4	71	.5	11	9	284	5.76	8	5	ND	1	146	.4	2	2	151	.61	.258	7	21	.65	125	.07	2	3.58	.02	.03	1	10
9900N 9800E	8	173	5	58	.1	11	12	358	8.08	7	5	ND	1	247	.9	2	2	249	.84	.163	8	27	.60	108	.09	2	2.49	.02	.04	1	7
9900N 9825E	4	122	4	72	.5	7	6	187	3.70	4	5	ND	1	173	.2	2	2	113	.33	.097	5	18	.36	92	.05	2	3.22	.02	.02	1	24
9900N 9850E	3	191	2	70	.3	9	9	293	6.48	9	5	ND	2	170	.5	2	2	204	.77	.265	7	21	.44	94	.09	2	4.84	.02	.04	1	11
9900N 9875E	2	78	7	47	.5	6	3	128	1.98	2	5	ND	1	191	.3	2	2	66	.28	.073	6	16	.25	100	.03	2	2.82	.02	.03	1	9
9900N 9900E	2	71	6	54	.2	8	6	256	3.41	6	5	ND	1	241	.2	2	2	103	.34	.093	6	17	.31	131	.05	2	2.47	.02	.03	1	9
9900N 9925E	3	84	7	43	1.0	7	5	187	2.78	2	5	ND	1	215	.2	2	2	92	.34	.095	6	15	.30	108	.04	2	2.44	.02	.05	1	8
9900N 9950E	4	72	7	38	.6	7	6	165	4.16	3	5	ND	1	211	.2	2	3	147	.35	.048	5	18	.22	109	.07	2	1.83	.02	.03	1	4
9900N 9975E	6	105	5	60	.4	15	9	309	5.88	7	5	ND	1	233	.2	2	2	212	.43	.070	5	39	.59	117	.16	2	1.66	.02	.06	1	10
9900N 10000E	10	388	7	62	.5	11	8	210	3.25	2	5	ND	1	121	.2	2	2	97	.42	.106	5	36	.57	67	.07	2	2.30	.02	.06	1	53
9900N 10025E	10	285	7	51	.2	15	13	257	5.30	11	5	ND	1	149	.3	2	2	151	.49	.114	4	37	.59	88	.12	2	2.04	.02	.06	1	27
9900N 10050E	13	87	5	41	.3	11	7	123	2.12	5	5	ND	1	51	.2	2	2	63	.39	.048	3	40	.57	46	.14	2	1.25	.02	.08	2	39
9900N 10075E	12	303	5	50	.3	17	11	242	4.43	5	5	ND	1	65	.2	2	2	135	.38	.055	4	47	1.04	44	.21	2	2.83	.02	.06	2	32
9900N 10100E	5	90	5	48	.5	101	9	165	2.19	2	5	ND	1	114	.2	2	2	71	.40	.038	2	136	1.32	106	.23	2	2.37	.02	.05	2	12
9900N 10125E	9	683	2	42	.2	33	20	326	5.53	13	5	ND	1	65	.3	2	2	122	.59	.127	5	70	.90	56	.13	3	3.58	.02	.04	3	30
9900N 10150E	12	699	3	50	.3	33	20	255	5.21	12	5	ND	1	55	.2	2	2	112	.59	.083	4	75	.95	52	.16	2	3.49	.03	.06	5	37
9900N 10175E	8	307	5	30	.2	24	14	231	3.87	9	5	ND	1	48	.2	3	2	103	.47	.057	3	58	.77	38	.16	2	1.89	.02	.06	4	25
9900N 10200E	9	233	4	47	.4	13	8	224	3.48	2	5	ND	1	74	.2	2	2	104	.31	.067	4	38	.56	57	.11	2	1.95	.02	.05	3	14
9900N 10225E	9	460	3	56	.4	22	15	312	5.41	5	5	ND	1	129	.4	2	2	149	.51	.136	5	51	.85	93	.14	2	3.07	.02	.06	1	15
9900N 10250E	4	176	3	39	.1	21	11	230	4.36	2	5	ND	1	104	.2	2	2	141	.47	.050	2	51	1.31	64	.32	2	2.14	.02	.11	1	25
9900N 10275E	6	243	2	51	.4	19	12	303	4.37	2	5	ND	2	56	.2	2	2	131	.46	.065	3	47	1.11	68	.26	2	2.63	.02	.10	1	21
9900N 10300E	5	351	2	58	.1	48	23	361	3.89	7	5	ND	1	66	.2	2	2	90	.98	.048	4	65	1.54	31	.25	2	2.59	.03	.05	1	7
9900N 10325E	11	478	4	101	.3	24	27	666	4.20	8	5	ND	1	122	.4	2	2	98	1.51	.102	6	35	1.24	61	.11	2	2.99	.03	.06	1	11
9900N 10350E	9	319	3	66	.1	23	19	449	3.98	7	5	ND	1	82	.2	2	2	94	1.25	.066	5	37	1.26	60	.17	3	2.64	.03	.05	1	5
9900N 10375E	6	310	2	62	.2	20	22	420	4.94	13	5	ND	1	114	.3	2	2	124	.71	.105	4	32	1.05	61	.12	2	3.51	.02	.05	1	13
9900N 10400E	15	137	5	58	.1	12	14	257	5.96	11	5	ND	1	127	.3	2	3	168	.43	.059	3	28	.71	90	.11	2	3.18	.02	.04	1	11
9900N 10425E	14	211	4	60	.1	9	26	286	4.82	11	5	ND	1	152	.2	2	2	111	.33	.079	4	20	.48	101	.04	2	3.36	.01	.04	1	51
9900N 10450E	4	110	6	47	.3	10	16	257	3.93	5	5	ND	1	108	.2	2	2	104	.29	.068	3	23	.59	67	.04	2	2.70	.01	.05	1	19
9900N 10475E	5	1663	3	92	.8	8	16	883	2.53	4	5	ND	1	103	.4	2	2	62	3.00	.104	57	23	.57	357	.03	3	2.78	.02	.05	1	52
9900N 10500E	5	61	6	60	.3	8	11	166	4.43	2	5	ND	1	70	.2	2	2	151	.28	.054	4	26	.43	57	.13	2	2.23	.01	.04	1	11
9800N 10000E	7	495	2	64	.1	33	31	356	6.52	15	5	ND	1	97	.2	2	3	145	.72	.096	5	59	1.23	80	.20	2	3.82	.02	.06	2	13
9800N 10025E	4	99	5	46	.1	24	10	122	2.74	3	5	ND	1	81	.2	2	2	92	.49	.056	3	55	.58	74	.15	2	1.46	.02	.06	1	3
9800N 10050E	4	126	5	36	.2	19	10	141	3.73	7	5	ND	1	136	.2	2	3	116	.41	.055	3	41	.53	75	.11	2	2.06	.02	.04	1	12
STANDARD C/AU-S	18	60	35	131	6.8	70	32	1049	3.97	39	23	7	39	53	19.4	16	19	56	.52	.094	38	57	.90	181	.09	34	1.90	.06	.14	12	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
9800N 10075E	5	417	11	58	.3	36	22	331	4.35	11	5	ND	1	108	.2	3	2	106	.74	.145	6	59	1.17	84	.13	8	3.16	.03	.09	7	1
9800N 10100E	6	285	13	53	.4	31	22	365	4.85	14	5	ND	1	100	.2	2	2	114	.76	.121	5	55	.99	87	.13	7	3.03	.03	.07	3	1
9800N 10125E	7	355	14	60	.3	35	27	403	4.77	15	5	ND	1	115	.2	4	2	105	.90	.109	5	54	.97	91	.10	5	3.92	.02	.07	6	1
9800N 10150E	6	241	15	58	.6	20	15	275	3.98	10	5	ND	1	121	.2	2	4	110	.67	.172	5	42	.83	85	.10	8	3.26	.02	.08	2	1
9800N 10175E	11	638	9	64	.7	37	34	608	6.49	16	5	ND	1	107	.2	6	4	173	.73	.103	5	62	1.45	89	.17	8	3.57	.03	.09	3	2
9800N 10200E	6	161	9	43	.3	20	16	368	5.07	14	5	ND	1	78	.3	3	2	141	.47	.080	4	45	.79	69	.15	6	2.44	.02	.04	4	1
9800N 10225E	5	127	13	67	.6	18	13	282	4.88	11	5	ND	1	100	.2	3	2	130	.48	.106	5	42	.79	73	.11	6	3.60	.02	.05	1	1
9800N 10250E	5	166	9	58	.5	19	16	305	4.70	9	5	ND	1	94	.5	2	4	138	.61	.058	4	47	1.03	60	.14	7	2.94	.02	.06	2	7
9800N 10275E	16	415	7	136	.4	26	26	1094	4.67	9	5	ND	1	102	.2	6	2	96	1.50	.169	8	46	1.26	55	.07	6	3.29	.03	.05	2	11
9800N 10300E	16	759	11	127	.6	23	21	857	4.11	11	5	ND	1	107	.4	3	4	92	1.20	.142	16	40	1.16	93	.07	7	2.93	.03	.04	2	2
9800N 10325E	7	508	10	195	.6	86	29	547	4.66	14	5	ND	1	100	.2	7	2	111	1.65	.072	6	148	1.92	62	.13	8	3.12	.02	.05	1	1
9800N 10350E	12	416	14	142	.4	26	24	598	5.38	9	5	ND	1	133	.2	6	4	136	1.16	.110	5	41	1.33	64	.08	7	3.76	.03	.05	1	1
9800N 10375E	5	108	8	68	.9	13	13	357	5.47	5	5	ND	1	119	.3	4	5	135	.43	.088	3	28	.59	99	.08	4	3.27	.01	.04	1	54
9800N 10400E	4	110	13	79	.7	17	18	503	6.82	5	5	ND	1	76	.4	5	2	164	.41	.081	3	42	1.04	70	.11	7	3.84	.01	.04	1	2
9800N 10425E	4	72	8	57	.8	10	10	182	4.57	5	5	ND	1	73	.3	2	2	145	.34	.060	4	32	.49	60	.11	5	2.50	.01	.03	1	1
9800N 10450E	4	100	14	56	.3	13	13	290	4.64	4	5	ND	1	116	.2	2	2	137	.54	.080	5	36	.73	93	.10	7	4.07	.02	.04	1	1
9800N 10475E	2	206	17	84	.5	33	28	541	5.24	10	5	ND	1	165	.4	8	2	106	1.12	.091	4	52	1.41	126	.17	6	6.05	.04	.11	1	1
9800N 10500E	3	60	9	43	.7	10	8	136	2.05	5	5	ND	1	125	.6	8	2	82	.56	.059	5	25	.38	117	.13	4	2.51	.03	.04	2	1
9700N 9800E	42	1443	16	110	1.4	24	43	498	10.13	12	5	ND	1	86	2.0	7	3	188	.89	.101	5	68	1.85	88	.20	6	4.09	.02	.45	2	1
9700N 9825E	42	936	12	57	.8	33	42	558	8.79	18	5	ND	1	123	.7	7	2	145	1.37	.117	5	48	.93	51	.12	6	3.66	.03	.15	4	1
9700N 9850E	102	1080	9	37	1.0	34	63	569	11.22	10	5	ND	1	202	1.5	8	2	91	2.31	.100	4	28	.43	12	.06	8	4.02	.02	.08	21	2
9700N 9875E	29	1380	15	47	1.1	74	76	390	11.44	16	5	ND	1	89	1.5	8	4	107	1.42	.134	3	68	.81	28	.09	8	3.74	.03	.09	3	1
9700N 9900E	31	1387	9	66	.6	45	82	710	9.17	17	5	ND	1	134	1.2	7	6	132	.86	.103	6	62	.93	77	.10	10	2.96	.03	.12	3	18
9700N 9925E	49	1975	12	71	1.4	57	100	658	12.28	16	5	ND	1	131	1.9	9	5	151	1.16	.109	6	87	1.12	61	.12	8	3.50	.04	.11	1	60
9700N 9950E	45	1627	16	59	1.0	67	115	656	10.40	15	5	ND	1	138	1.3	7	4	148	1.37	.115	7	88	1.11	50	.12	12	3.88	.03	.11	1	32
9700N 9975E	15	449	19	80	.7	45	40	837	7.16	13	5	ND	1	79	.5	7	5	144	.77	.126	6	68	.92	91	.14	9	3.23	.02	.08	2	11
9700N 10000E	8	240	10	68	.4	37	23	669	4.69	7	5	ND	1	57	.2	4	2	123	.75	.095	5	53	.96	82	.12	7	3.10	.03	.06	1	4
9700N 10025E	11	535	12	59	.3	96	86	702	6.43	19	5	ND	1	132	.2	2	2	124	1.04	.085	4	83	1.03	67	.11	7	3.67	.02	.04	1	8
9700N 10050E	7	273	12	79	.5	42	31	812	5.86	11	5	ND	1	57	.2	7	2	149	.49	.097	6	105	1.99	51	.11	11	3.90	.01	.06	1	3
9700N 10075E	13	443	39	109	.8	45	52	1672	7.18	16	5	ND	1	72	.5	7	6	176	.52	.120	8	97	2.38	48	.11	11	4.13	.01	.07	1	1
9700N 10100E	4	208	11	67	.6	28	25	782	5.01	19	5	ND	1	105	.4	5	8	158	.60	.113	5	59	1.02	60	.13	9	3.60	.02	.05	2	1
9700N 10125E	3	83	6	54	.8	10	9	168	1.81	5	5	ND	1	94	.6	2	2	64	.35	.132	4	29	.20	67	.05	5	1.66	.01	.04	1	3
9700N 10150E	5	662	15	58	.7	31	69	1103	5.91	16	5	ND	1	194	.3	5	3	131	1.24	.100	3	53	.92	53	.08	5	4.21	.02	.07	1	10
9700N 10175E	5	627	10	55	.8	27	67	1291	6.61	15	5	ND	1	141	.4	3	2	131	1.41	.091	8	45	1.05	36	.07	4	3.67	.01	.07	1	2
9700N 10225E	13	340	14	56	.5	19	36	532	6.09	9	5	ND	1	191	.5	2	3	133	1.19	.152	3	26	.92	63	.09	4	5.15	.02	.06	1	3
9700N 10275E	9	125	11	67	.6	11	14	469	4.29	4	5	ND	1	149	.2	3	2	115	.53	.090	7	24	.35	62	.07	7	2.85	.02	.04	1	4
STANDARD C/AU-S	19	58	43	131	7.2	73	31	1057	3.99	40	17	6	36	52	18.7	15	20	55	.52	.100	36	60	.90	180	.07	36	1.89	.06	.14	13	45

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
9700N 10300E	6	115	19	45	.1	9	13	286	4.89	2	5	ND	1	76	.6	2	2	135	.42	.082	4	24	.50	55	.07	2	4.09	.01	.03	2	4
9700N 10325E	15	120	7	62	.2	14	12	544	3.12	4	5	ND	1	120	.4	2	2	89	1.00	.120	6	27	.74	76	.04	2	3.38	.02	.06	2	11
9700N 10350E	15	186	11	88	.2	19	15	388	4.48	5	5	ND	1	165	.3	2	3	99	1.76	.123	5	35	1.22	119	.05	3	3.37	.03	.08	5	4
9700N 10375E	9	121	12	58	.2	14	19	351	4.47	2	5	ND	1	87	.2	2	2	114	.64	.107	3	29	.73	75	.07	3	4.22	.01	.05	3	12
9700N 10400E	4	47	6	38	.4	8	8	122	2.55	4	5	ND	1	91	.4	2	2	90	.61	.061	4	23	.36	116	.11	2	2.42	.03	.04	1	6
9700N 10425E	3	107	16	69	.3	14	15	401	5.73	4	5	ND	1	83	.2	2	2	112	.56	.169	4	33	.75	117	.06	2	3.88	.02	.05	1	4
9700N 10450E	3	94	6	41	.1	8	14	149	3.12	4	5	ND	1	78	.2	2	2	90	.48	.072	4	22	.38	78	.05	2	2.15	.02	.05	1	11
9700N 10475E	3	70	9	70	.1	9	8	215	3.78	2	5	ND	1	61	.3	2	3	69	.35	.207	3	26	.39	92	.07	2	4.70	.02	.03	4	22
9700N 10500E	1	49	12	47	.4	9	8	202	4.23	2	5	ND	1	147	.2	2	2	101	.68	.103	4	25	.41	134	.10	2	2.63	.02	.06	1	4
9650N 9700E	33	437	12	38	.6	26	15	327	6.65	8	5	ND	1	53	.2	3	6	125	.63	.079	3	136	1.71	95	.21	3	2.42	.03	.52	6	58
9600N 9650E	40	618	23	51	.3	13	61	906	9.75	5	5	ND	1	209	.2	2	5	143	1.52	.173	11	18	.82	101	.05	2	2.82	.03	.11	6	8
9600N 9675E	31	1003	16	54	.4	10	25	919	7.05	2	5	ND	1	531	.2	2	4	146	1.80	.203	10	30	.76	167	.04	2	3.49	.05	.09	5	41
9600N 9700E	35	586	16	63	.1	12	22	511	7.32	2	5	ND	1	188	.2	2	5	160	.85	.141	7	31	.88	147	.07	2	3.84	.03	.05	9	25
9600N 9725E	6	183	10	55	.1	19	21	533	5.24	2	5	ND	1	35	.3	2	7	128	.52	.054	3	34	1.82	206	.23	2	2.90	.04	.30	7	3
9600N 9750E	3	82	7	51	.1	14	14	458	4.04	2	5	ND	1	15	.4	2	4	112	.51	.034	2	33	1.14	79	.20	2	1.82	.06	.09	4	4
9600N 9775E	2	46	4	67	.1	13	14	340	4.34	2	5	ND	1	9	.3	2	6	132	.37	.037	2	27	1.15	111	.23	2	1.66	.04	.18	6	3
9600N 9800E	18	230	17	59	.1	19	19	263	5.19	3	5	ND	2	56	.2	2	8	117	.36	.065	3	43	.81	51	.10	3	4.00	.02	.06	9	1
9600N 9825E	36	339	12	52	.2	31	20	357	9.43	18	5	ND	1	112	.2	2	5	218	.88	.091	3	49	.64	77	.16	3	2.88	.02	.06	2	2
9600N 9850E	12	156	13	46	.1	16	12	538	4.71	22	5	ND	1	108	.3	2	3	125	.93	.096	4	33	.44	74	.12	2	2.16	.03	.07	2	4
9600N 9875E	10	272	11	55	.1	45	36	652	7.12	5	5	ND	1	122	.2	2	3	170	.75	.099	3	70	1.22	133	.20	3	2.63	.03	.10	1	1
9600N 9900E	10	221	9	55	.1	35	31	716	5.56	7	5	ND	1	111	.5	4	2	148	.77	.084	3	56	.88	138	.17	3	2.05	.03	.09	1	1
9600N 9900E A [illegible]	29	551	11	72	.1	66	48	449	8.66	12	5	ND	1	121	.8	2	2	171	.92	.078	4	101	1.51	52	.21	2	3.73	.04	.11	1	1
9600N 9925E	14	247	12	49	.1	32	28	1303	6.23	6	5	ND	1	112	.6	3	2	179	.81	.092	5	58	.66	115	.20	2	2.41	.03	.08	1	5
9600N 9950E	20	841	12	65	.1	60	81	641	8.28	14	5	ND	1	161	.8	4	2	170	1.15	.107	5	79	1.16	105	.16	2	4.51	.03	.09	1	3
9600N 9975E	12	253	19	76	.2	35	24	402	6.96	7	5	ND	1	112	.5	4	2	157	.62	.089	4	79	1.24	82	.22	3	3.02	.02	.08	1	1
9600N 10000E	9	170	17	71	.1	24	21	400	7.66	7	5	ND	1	122	.2	2	2	212	.63	.138	4	70	.94	72	.22	2	2.71	.02	.07	1	1
9600N 10025E	9	155	13	55	.1	22	16	435	4.92	5	5	ND	1	83	.7	4	3	139	.47	.075	5	53	.67	66	.18	2	2.65	.02	.06	2	3
9600N 10050E	1	226	13	83	.2	34	23	438	4.77	8	5	ND	2	66	.9	3	2	115	.54	.081	4	66	1.27	57	.15	4	4.71	.02	.09	1	4
9600N 10075E	4	307	12	78	.1	36	25	1163	6.29	12	5	ND	1	102	.8	5	2	161	.49	.116	4	63	1.22	76	.17	3	3.87	.02	.09	1	2
9600N 10100E	3	404	10	50	.3	16	23	877	6.51	12	5	ND	1	187	.6	3	3	117	.54	.147	4	33	.65	110	.09	2	3.26	.02	.06	1	10
9600N 10125E	3	335	14	69	.1	32	34	872	5.74	11	5	ND	1	142	.4	4	2	141	.63	.096	3	51	1.25	61	.09	4	3.93	.01	.06	1	23
9600N 10150E	1	508	4	62	.3	31	60	1796	8.17	14	5	ND	1	238	.2	6	2	149	1.06	.082	4	52	1.26	66	.03	2	5.09	.05	.06	1	16
9600N 10175E	4	710	12	50	.4	19	75	1662	8.45	15	5	ND	1	203	.3	5	2	147	1.40	.082	5	24	1.33	30	.02	2	4.30	.02	.08	1	34
9600N 10200E	3	289	8	62	.2	21	30	404	7.28	10	5	ND	1	103	.3	5	2	156	.55	.090	3	34	1.18	47	.08	4	5.02	.01	.06	1	7
9600N 10225E	3	229	11	62	.1	23	25	451	5.46	11	5	ND	1	145	.2	3	2	127	.60	.118	4	34	.86	93	.07	2	4.59	.02	.06	1	5
9600N 10250E	3	120	11	35	.3	12	10	137	2.90	5	5	ND	1	134	.6	2	3	93	.39	.049	4	23	.36	75	.09	2	2.20	.01	.03	1	7
STANDARD C/AU-S	18	59	37	130	6.9	72	31	1055	3.98	39	16	7	39	53	18.7	15	21	55	.52	.099	38	59	.90	181	.07	35	1.89	.06	.14	13	55

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
9600N 10275E	5	151	4	46	.2	10	11	164	3.50	5	5	ND	1	92	.2	2	2	80	.42	.068	3	22	.66	70	.08	5	3.18	.01	.05	3	6
9600N 10300E	4	197	2	54	.2	28	93	1352	9.13	34	5	ND	1	68	2.3	3	3	188	.47	.083	2	29	1.46	49	.09	2	5.22	.01	.04	1	20
9600N 10325E	132	479	2	67	.4	17	105	1723	10.09	27	5	ND	2	115	2.1	2	2	109	.72	.209	3	16	.81	160	.03	2	4.21	.01	.10	1	26
9600N 10350E	18	255	5	59	.3	19	38	761	5.59	26	5	ND	1	210	.7	4	2	121	1.05	.119	2	26	.94	161	.10	4	4.67	.01	.09	1	21
9600N 10375E	4	113	2	58	.3	22	21	313	6.44	18	5	ND	1	90	.7	2	3	153	.52	.088	3	43	1.16	96	.14	4	4.39	.01	.05	1	7
9600N 10400E	3	72	7	65	.1	20	15	247	4.63	8	5	ND	1	90	.2	2	2	128	.48	.099	4	32	1.17	99	.20	3	3.07	.02	.09	1	6
9600N 10425E	3	114	3	53	.2	25	18	275	4.94	2	5	ND	1	104	.2	2	2	116	.63	.084	3	35	1.20	104	.20	3	3.86	.03	.07	1	16
9600N 10450E	1	57	2	36	.2	10	11	320	2.71	33	5	ND	2	64	1.2	16	2	80	.42	.087	4	20	.63	72	.06	5	1.97	.01	.04	1	16
9600N 10475E	8	99	18	49	.2	14	13	236	3.79	2	5	ND	1	91	.2	2	6	71	.58	.136	2	25	.77	113	.07	3	3.87	.03	.03	14	8
9600N 10500E	3	177	2	58	.3	32	19	438	4.57	10	5	ND	2	70	.5	2	2	114	.60	.088	3	44	1.33	141	.18	4	3.89	.03	.10	1	12
9500N 9400E	6	294	2	72	.2	12	15	933	4.64	13	5	ND	1	457	.6	2	2	120	1.67	.182	7	15	.64	151	.07	4	3.66	.05	.08	1	4
9500N 9425E	5	242	6	54	.2	10	14	981	5.31	8	5	ND	1	416	.6	2	2	149	1.65	.201	8	16	.52	156	.06	5	3.33	.04	.08	1	4
9500N 9450E	5	113	8	75	.1	8	7	542	3.55	8	5	ND	1	403	.2	2	2	93	1.04	.177	3	13	.32	268	.03	3	3.20	.03	.07	1	2
9500N 9500E	8	257	2	56	.2	15	13	752	4.77	10	5	ND	2	378	.2	2	2	123	2.39	.179	7	21	.49	142	.04	3	4.28	.05	.11	1	2
9500N 9525E	7	252	2	56	.2	13	14	756	5.44	11	5	ND	1	389	.8	2	2	147	2.33	.203	7	21	.46	146	.04	4	3.88	.05	.10	1	5
9500N 9550E	12	272	9	47	.1	14	13	520	5.70	13	5	ND	2	369	.3	2	2	155	1.64	.195	8	21	.48	138	.06	3	3.50	.03	.07	2	1
9500N 9600E	9	248	7	64	.1	19	13	736	5.25	10	5	ND	1	246	.6	2	2	145	1.13	.195	7	34	.58	157	.06	5	3.17	.02	.06	1	6
9500N 9625E	8	217	6	65	.1	22	12	573	4.89	13	5	ND	1	296	.2	4	2	137	1.51	.214	4	37	.65	192	.07	4	3.95	.03	.09	1	5
9500N 9650E	9	178	2	52	.2	25	13	634	5.46	5	5	ND	1	291	.3	2	2	156	1.20	.227	7	45	.63	205	.07	3	3.15	.02	.08	1	5
9500N 9700E	11	169	4	69	.7	10	11	302	7.43	6	5	ND	1	178	.4	2	2	192	.72	.142	4	24	.36	147	.05	2	2.91	.03	.03	1	4
9500N 9725E	28	269	2	67	.3	14	48	1184	4.82	2	5	ND	1	84	.5	2	2	146	.69	.059	2	29	.96	114	.16	3	2.25	.05	.08	1	9
9500N 9750E	4	59	5	39	.5	7	7	233	2.30	2	5	ND	1	82	.2	2	2	89	.52	.034	2	18	.73	104	.18	2	1.81	.04	.07	1	8
9500N 9775E	6	83	8	35	.1	6	5	139	2.17	2	5	ND	1	140	.3	2	2	86	.52	.051	2	19	.50	118	.14	2	1.61	.03	.05	1	11
9500N 9800E	5	131	2	81	.2	10	12	626	3.57	2	5	ND	1	116	.2	2	2	100	.54	.090	2	25	.71	125	.12	2	1.80	.03	.09	1	6
9500N 9825E	3	119	6	63	.3	13	14	507	3.72	2	5	ND	1	65	.2	2	2	115	.67	.092	2	30	1.07	129	.20	4	2.55	.05	.14	1	6
9500N 9900E	6	156	5	61	.1	27	15	633	4.16	6	5	ND	1	133	.7	2	2	119	.75	.131	2	58	.94	127	.13	3	2.70	.03	.10	1	3
9500N 9950E	5	97	5	74	.1	26	10	469	4.20	2	5	ND	1	69	.3	2	2	142	.76	.075	2	64	1.15	92	.23	4	2.18	.04	.10	1	6
9500N 9950E A9125	10	306	2	73	.3	36	18	360	6.96	2	5	ND	1	105	.4	2	2	157	.58	.113	2	83	1.14	72	.16	2	3.42	.02	.10	1	2
9500N 9975E	5	77	9	47	.1	26	15	342	3.91	2	5	ND	1	96	.2	2	3	65	.71	.062	2	57	.77	41	.16	2	1.77	.03	.07	5	3
9500N 10025E	6	124	2	65	.3	26	15	314	5.62	9	5	ND	1	84	.5	2	2	176	.47	.060	2	62	1.02	63	.30	4	3.44	.02	.05	2	8
9500N 10050E	5	154	2	62	.3	26	14	275	3.90	6	5	ND	1	94	.2	2	2	111	.58	.102	2	63	1.08	88	.15	2	3.30	.02	.07	1	11
9500N 10075E	6	136	8	67	.4	19	15	397	5.22	8	5	ND	1	100	.6	2	2	164	.63	.060	2	49	.78	71	.24	4	2.49	.03	.06	1	6
9500N 10100E	5	351	3	62	.2	30	21	574	4.77	9	5	ND	1	111	.4	2	2	137	1.38	.055	2	61	1.21	38	.17	6	3.11	.04	.08	1	11
9500N 10125E	5	69	10	52	.3	15	10	242	3.59	2	5	ND	1	90	.2	2	2	148	.53	.054	2	47	.69	72	.22	3	2.19	.02	.06	1	8
9500N 10150E	5	106	7	71	.7	16	12	503	5.73	5	5	ND	1	62	.2	2	2	168	.46	.079	2	44	.68	57	.18	4	2.64	.02	.06	1	5
9500N 10175E	4	164	7	69	.5	21	17	506	6.28	5	5	ND	1	83	.2	2	2	170	.54	.114	2	51	.84	75	.16	3	3.02	.02	.06	1	5
STANDARD C/AU-S	18	59	36	131	6.9	72	31	1053	3.99	41	20	7	40	53	18.6	15	21	59	.46	.095	36	56	.90	181	.09	36	1.90	.06	.14	12	47

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
9500N 10200E	4	116	8	64	.4	17	11	330	4.16	2	5	ND	1	84	.2	2	2	131	.46	.061	5	45	.63	68	.15	3	2.86	.02	.05	1	7
9500N 10225E	4	101	9	57	.5	14	10	236	4.04	2	5	ND	1	86	.3	2	2	138	.40	.070	5	40	.46	90	.13	2	2.30	.01	.05	1	1
9500N 10250E	5	109	8	51	.5	13	10	200	3.98	2	5	ND	1	105	.2	5	2	134	.43	.065	5	43	.44	84	.11	2	2.67	.01	.04	1	9
9500N 10275E	3	95	4	61	.7	19	12	372	5.09	2	5	ND	1	60	.3	2	2	147	.35	.061	5	53	.77	54	.20	2	3.20	.01	.06	1	5
9500N 10300E	4	140	4	65	.5	15	13	472	3.53	2	5	ND	1	106	.2	2	2	113	.47	.076	4	34	.88	104	.09	2	3.35	.02	.05	1	9
9500N 10325E	4	78	3	61	.3	14	16	487	5.34	4	6	ND	2	81	.2	2	2	166	.42	.062	4	29	.82	92	.10	2	3.62	.01	.06	1	4
9500N 10350E	3	86	7	65	.2	14	15	377	4.87	2	5	ND	1	96	.2	2	2	141	.43	.064	4	30	.52	100	.10	2	2.81	.02	.05	1	32
9500N 10375E	6	255	2	51	.2	21	27	650	4.72	2	5	ND	1	156	.2	2	2	115	1.16	.116	2	35	.78	120	.17	2	5.84	.02	.11	1	16
9500N 10400E	4	104	5	69	.3	13	13	517	5.26	3	5	ND	1	111	.2	2	2	142	.48	.102	4	24	.59	114	.12	2	3.54	.02	.07	1	13
9500N 10425E	4	222	2	82	.2	20	23	359	5.94	2	5	ND	2	108	.2	2	2	135	.52	.080	3	34	1.13	105	.12	2	5.56	.02	.06	1	12
9500N 10450E	4	117	3	67	.3	17	20	403	5.02	4	5	ND	1	125	.2	2	2	116	.60	.088	4	28	.74	132	.12	2	3.56	.03	.08	1	18
9500N 10475E	6	187	2	55	.1	21	25	245	5.45	5	5	ND	1	133	.2	2	2	109	.77	.093	5	33	.94	137	.13	2	3.94	.02	.10	1	19
9500N 10500E	3	181	2	59	.1	23	21	230	4.12	8	5	ND	1	134	.2	2	2	93	.74	.098	5	34	1.20	119	.14	4	5.45	.03	.08	1	11
9400N 9600E	4	171	4	73	.4	18	7	282	3.01	2	5	ND	1	326	.2	2	2	74	1.01	.168	9	24	.58	200	.03	2	4.13	.04	.06	1	3
9400N 9625E	8	142	3	57	.2	20	9	283	3.42	2	5	ND	1	227	.2	2	2	99	.71	.100	4	39	.64	150	.04	2	2.26	.03	.06	1	14
9400N 9650E	4	205	3	61	.1	16	26	661	4.82	5	5	ND	1	64	.2	2	2	139	.87	.083	3	33	1.47	240	.26	2	2.18	.07	.42	1	8
9400N 9675E	8	265	2	60	.1	19	24	569	5.00	2	5	ND	2	85	.3	2	2	146	.76	.090	4	39	1.41	163	.20	2	2.50	.05	.26	1	6
9400N 9725E	5	189	5	45	.2	10	11	353	4.55	2	5	ND	1	263	.2	2	2	148	.72	.107	5	27	.55	204	.07	2	2.69	.03	.09	1	7
9400N 9750E	14	329	2	58	.1	20	24	499	6.22	6	5	ND	2	159	.4	2	2	171	.75	.093	5	50	1.98	151	.27	2	3.62	.04	.47	1	13
9400N 9775E	14	281	2	58	.2	19	24	556	6.31	2	5	ND	3	159	.4	2	2	185	.93	.094	5	50	1.89	143	.25	2	3.54	.04	.45	1	17
9400N 9800E	3	121	7	44	.3	9	8	190	2.90	5	5	ND	1	301	.2	2	2	115	.68	.055	4	24	.49	188	.09	2	2.16	.02	.09	1	11
9400N 9825E	4	235	4	62	.5	11	9	363	4.75	2	5	ND	1	249	.2	2	2	130	.61	.136	4	33	.52	160	.05	2	3.18	.02	.06	1	14
9400N 9850E	5	349	2	77	.5	13	14	405	5.96	2	5	ND	1	211	.6	2	2	158	.68	.160	6	37	.76	151	.09	2	4.25	.03	.07	1	25
9400N 9875E	4	445	3	133	.1	33	48	827	8.07	13	5	ND	1	121	.9	2	2	198	.78	.085	4	64	1.39	84	.17	2	3.42	.03	.06	1	8
9400N 9900E	5	333	3	66	.3	15	15	272	6.16	5	5	ND	2	229	.4	2	2	179	.75	.103	6	43	.70	146	.10	2	3.56	.03	.05	1	20
9400N 9925E	2	68	4	51	.6	7	7	257	2.71	7	5	ND	1	100	.2	2	2	93	.62	.113	3	19	.34	71	.02	3	1.73	.03	.07	1	5
9400N 9950E	3	193	2	79	.2	31	22	419	6.72	6	5	ND	2	77	.4	2	2	174	.57	.071	4	67	1.30	74	.19	2	4.05	.02	.08	1	118
9400N 9975E	4	139	2	70	.1	25	17	365	7.47	8	5	ND	2	111	.3	2	2	236	.59	.124	4	60	1.17	88	.22	2	2.77	.02	.09	1	6
9400N 10000E	3	169	2	59	.2	27	19	347	5.68	7	5	ND	1	97	.2	2	2	152	.65	.060	4	54	1.43	81	.20	2	4.22	.03	.06	1	5
9400N 10025E	5	120	2	74	.2	27	19	638	5.75	6	5	ND	1	79	.3	2	2	146	.53	.070	4	58	1.16	84	.19	2	3.30	.03	.08	1	8
9400N 10050E	3	114	3	65	.7	19	14	602	5.64	2	5	ND	1	93	.2	2	2	162	.54	.073	4	52	.89	78	.16	2	3.18	.03	.06	1	7
9400N 10100E	8	162	2	80	.7	20	17	881	5.62	5	5	ND	2	97	.4	2	2	165	.56	.076	4	52	.84	103	.19	2	2.88	.03	.08	1	12
9400N 10125E	5	106	3	66	.8	17	11	225	4.70	2	5	ND	1	81	.3	2	2	136	.44	.050	5	45	.67	63	.19	2	3.26	.02	.04	1	12
9400N 10150E	5	170	3	69	.6	25	18	387	5.58	5	5	ND	2	77	.2	2	2	144	.50	.073	5	64	.99	62	.15	2	3.37	.02	.08	1	7
9400N 10175E	7	192	5	73	.2	24	22	564	6.79	4	5	ND	2	85	.3	2	2	179	.50	.067	5	66	1.07	67	.17	2	3.09	.02	.07	1	54
9400N 10200E	13	124	7	72	.2	17	33	1773	4.61	5	5	ND	1	86	.2	2	3	146	.65	.064	5	43	.55	115	.17	2	2.11	.02	.09	1	17
STANDARD C/AU-S	19	61	37	131	6.9	72	31	1047	3.98	39	21	7	40	56	19.4	15	20	58	.51	.093	39	59	.90	182	.09	35	1.90	.06	.14	13	50

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
9400N 10225E	9	445	8	93	.2	51	36	413	6.84	7	5	ND	1	70	1.1	4	4	170	1.15	.060	2	89	1.63	69	.22	5	3.15	.02	.08	1	11
9400N 10250E	4	273	2	68	.3	31	24	283	5.26	7	5	ND	1	64	.7	3	2	134	.57	.088	2	59	1.07	61	.14	4	3.67	.02	.06	1	20
9400N 10275E	3	92	3	63	.4	26	15	256	4.57	3	5	ND	1	56	.2	2	2	144	.41	.069	2	54	.93	57	.17	4	2.76	.01	.04	1	1
9400N 10300E	3	83	2	75	.3	17	17	1114	5.19	4	5	ND	1	82	.2	2	2	151	.43	.072	2	39	.75	89	.14	4	2.40	.02	.04	1	1
9400N 10325E	9	81	2	85	.4	17	15	291	5.21	6	5	ND	1	93	.2	2	2	137	.54	.069	2	33	.79	60	.11	3	3.09	.02	.04	1	1
9400N 10350E	3	57	5	51	.2	11	12	248	4.62	2	5	ND	1	87	.7	2	2	156	.45	.061	2	31	.52	93	.15	4	2.25	.01	.04	1	3
9400N 10375E	4	79	2	77	.2	13	16	358	5.60	2	5	ND	1	98	1.1	2	2	142	.43	.081	2	29	.69	118	.14	3	4.18	.02	.03	1	1
9400N 10400E	3	57	2	59	.2	12	14	301	5.55	4	5	ND	1	103	.8	2	2	173	.47	.068	2	25	.67	105	.14	5	2.99	.01	.03	1	3
9400N 10425E	5	87	2	67	.1	18	16	350	6.60	15	5	ND	1	96	.5	2	2	168	.45	.065	2	39	.79	103	.18	5	3.84	.01	.03	1	9
9400N 10450E	4	98	2	65	.2	17	14	284	5.83	4	5	ND	1	87	.5	2	3	154	.45	.077	2	35	.74	71	.19	4	2.92	.02	.04	1	4
9400N 10475E	3	75	2	65	.2	16	12	351	5.32	9	5	ND	1	83	.2	2	3	155	.46	.072	2	35	.67	86	.13	4	2.83	.02	.04	1	1
9400N 10500E	4	169	2	68	.1	23	20	366	6.39	12	5	ND	1	117	1.5	2	2	169	.72	.054	2	41	1.17	88	.21	4	4.49	.02	.06	1	3
9300N 9600E	5	51	3	56	.1	3	5	262	1.92	5	5	ND	1	321	.2	2	2	59	.80	.134	2	8	.15	187	.01	2	1.37	.02	.06	1	1
9300N 9625E	5	183	4	46	.5	17	9	251	3.32	2	5	ND	1	236	.4	2	2	92	.66	.124	3	40	.84	130	.06	4	3.38	.03	.03	2	1
9300N 9650E	15	581	2	69	.1	42	40	509	5.86	14	5	ND	1	134	.8	2	2	171	.67	.086	3	102	1.42	98	.18	4	3.95	.02	.11	1	1
9300N 9675E	11	557	2	56	.1	33	41	552	5.66	11	5	ND	1	142	.6	3	2	169	.85	.108	2	67	1.37	119	.20	5	3.30	.03	.17	1	2
9300N 9700E	9	467	2	50	.1	27	31	487	5.30	10	5	ND	1	136	.5	3	2	166	.79	.111	2	55	1.27	111	.18	4	3.05	.03	.13	1	1
9300N 9725E	11	417	2	53	.1	23	18	316	5.60	7	5	ND	1	170	1.0	2	2	152	.93	.141	3	54	.98	113	.11	3	3.75	.03	.04	1	1
9300N 9750E	4	134	2	58	.1	12	12	308	4.45	2	5	ND	1	40	.5	3	2	127	.56	.092	2	32	.94	70	.16	3	2.64	.06	.04	1	1
9300N 9775E	4	53	2	45	.1	10	8	228	2.36	2	5	ND	1	90	.2	2	2	82	.64	.050	2	22	.95	109	.18	2	2.00	.07	.09	1	1
9300N 9800E	3	58	3	44	.2	8	6	386	2.65	2	5	ND	1	101	.2	2	2	83	.43	.090	2	26	.51	103	.07	2	1.97	.02	.04	2	1
9300N 9825E	4	239	2	68	.4	12	11	314	5.50	5	5	ND	1	261	.2	2	3	160	.70	.091	3	30	.61	206	.07	3	3.84	.03	.04	1	2
9300N 9850E	19	623	2	77	.1	23	31	1558	5.19	13	5	ND	1	135	1.6	2	2	162	1.22	.092	4	50	1.35	101	.13	4	3.79	.04	.06	1	1
9300N 9875E	22	340	9	81	.2	17	29	2156	4.56	4	5	ND	1	165	.9	3	2	142	1.45	.128	2	38	.88	107	.07	4	2.79	.03	.08	1	1
9300N 9900E	28	319	2	75	.2	16	31	2555	4.69	6	5	ND	1	142	.6	2	2	138	.70	.147	4	37	.81	114	.07	4	3.35	.02	.06	1	3
9300N 9925E	3	103	5	47	.1	14	7	242	3.49	3	5	ND	1	142	.4	2	2	113	.41	.068	2	42	.46	92	.08	2	2.20	.02	.03	1	10
9300N 9950E	3	422	2	47	.1	23	28	592	6.10	7	5	ND	1	125	.5	2	2	174	.84	.110	2	55	.90	85	.12	4	4.04	.02	.05	1	5
9300N 9975E	4	175	6	57	.2	19	15	538	5.41	8	5	ND	1	90	.5	2	2	147	.49	.109	2	44	.85	81	.12	5	3.75	.02	.04	1	1
9300N 10000E	6	214	5	62	.2	22	28	650	5.87	14	5	ND	1	107	.7	2	2	161	.96	.074	6	53	.87	49	.12	5	2.81	.03	.05	1	1
9300N 10025E	4	95	2	62	.5	16	10	559	3.61	7	5	ND	1	101	.7	2	3	109	.49	.077	3	34	.69	88	.12	3	2.48	.02	.04	1	2
9300N 10050E	3	127	2	49	.2	23	16	471	5.85	3	5	ND	1	89	.4	2	2	157	.57	.092	2	52	.97	76	.21	4	3.15	.02	.05	1	1
9300N 10075E	2	134	2	55	.2	22	14	299	5.82	8	5	ND	1	78	.5	3	2	172	.54	.062	2	54	.90	66	.20	4	3.33	.02	.03	1	1
9300N 10100E	3	139	3	62	.3	21	12	288	5.12	4	5	ND	1	67	.8	2	2	134	.47	.090	2	54	.85	62	.14	5	4.22	.02	.03	1	2
9300N 10125E	3	230	2	78	.3	22	18	501	5.27	8	5	ND	1	82	1.0	2	2	129	.55	.103	3	47	.88	75	.14	5	4.99	.02	.04	1	1
9300N 10150E	4	138	4	60	.5	16	12	310	5.92	7	5	ND	1	87	.7	2	2	159	.47	.119	3	48	.61	70	.11	4	3.41	.02	.03	1	4
9300N 10175E	10	219	2	57	.2	16	15	385	8.08	16	5	ND	1	110	1.5	3	2	120	.57	.155	2	42	.73	103	.13	3	4.81	.01	.04	1	60
STANDARD C/AU-S	19	58	40	131	6.9	73	31	1053	3.99	40	21	7	39	53	18.4	15	22	56	.46	.098	37	56	.91	180	.09	36	1.90	.06	.14	11	55

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
9300N 10200E	5	127	8	53	.6	15	11	264	4.40	2	5	ND	1	122	.2	2	2	112	.57	.094	3	39	.73	96	.10	2	3.44	.02	.04	2	9
9300N 10225E	13	708	6	93	.2	46	25	380	5.47	3	5	ND	1	90	.4	2	2	125	.66	.075	6	59	1.27	59	.13	2	3.67	.02	.04	1	4
9300N 10250E	13	302	3	82	.2	22	21	382	3.45	4	5	ND	1	86	.2	2	2	104	.79	.036	3	43	.90	45	.10	2	2.24	.02	.05	1	5
9300N 10275E	17	482	6	133	.1	35	32	458	5.54	6	5	ND	1	111	.3	2	3	147	.90	.056	4	65	1.32	77	.15	2	3.42	.03	.05	2	2
9300N 10300E	13	395	5	126	.1	33	30	438	5.76	7	5	ND	1	84	.4	2	2	145	.71	.074	5	61	1.27	60	.14	2	3.93	.02	.06	1	2
9300N 10325E	12	99	5	76	.1	17	12	604	4.39	4	5	ND	1	118	.2	2	2	136	1.12	.064	5	39	.73	84	.15	2	2.42	.02	.05	1	2
9300N 10350E	5	112	4	64	.2	19	14	351	5.89	7	5	ND	1	116	.5	2	2	143	.55	.076	5	42	.77	87	.22	2	2.76	.02	.06	1	5
9300N 10375E	3	86	10	50	.4	10	8	187	2.65	2	5	ND	1	130	.3	2	2	85	.55	.073	5	22	.34	89	.11	2	2.22	.02	.05	1	5
9300N 10400E	3	135	3	51	.2	18	14	353	5.47	2	5	ND	1	107	.2	2	2	136	.60	.098	4	42	.71	91	.10	2	2.80	.02	.04	1	12
9300N 10425E	3	113	3	69	.4	23	18	345	5.63	3	5	ND	1	109	.3	2	2	146	.57	.083	5	53	.81	97	.14	2	2.73	.02	.06	1	8
9300N 10450E	3	219	4	55	.3	35	28	239	5.85	10	5	ND	1	73	.3	2	2	143	.56	.059	3	69	1.12	64	.17	2	2.99	.02	.05	1	7
9300N 10475E	2	160	5	61	.1	24	19	379	4.49	2	5	ND	1	82	.2	2	2	115	.57	.083	3	49	.96	73	.12	3	2.69	.02	.06	1	26
9300N 10500E	3	158	5	63	.1	22	17	276	4.62	7	5	ND	1	107	.4	2	2	117	.68	.077	4	45	.82	73	.11	3	2.53	.02	.05	1	7
STANDARD C/AU-S	19	59	36	132	7.0	72	31	1050	3.98	40	22	7	40	55	19.5	15	21	58	.52	.095	39	59	.91	182	.09	35	1.91	.06	.13	13	45

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
9700N-9800E-R	192	8210	9	120	3.3	32	56	274	4.87	4	5	ND	1	35	2.1	4	8	102	1.21	.070	3	59	1.64	25	.20	10	2.37	.08	.32	1	112
9700N-9825E-R	1	7450	2	70	3.8	41	359	295	22.31	18	5	3	1	57	.9	8	2	95	.82	.001	3	59	.74	22	.12	13	1.33	.09	.18	1	310
9700N-9850E-R	1	1550	10	20	.4	14	48	116	6.38	19	6	ND	1	155	.7	2	2	42	.36	.071	8	10	.44	26	.08	4	1.49	.08	.13	1	50
9700N-9875E-R	3	3174	2	35	1.0	182	322	213	16.56	15	5	2	1	36	.3	4	3	176	.84	.052	2	92	.65	16	.11	8	1.99	.06	.06	5	37
9650N-9700E-R	6	573	6	15	.2	19	31	137	3.21	6	5	ND	2	23	.4	2	2	61	.31	.070	6	9	.69	36	.16	10	1.03	.07	.37	1	108
9650N-9710E-R	109	78281	2	1	35.7	62	296	155	24.25	39	5	17	1	21	4.5	4	81	47	.16	.001	2	47	.48	6	.07	2	.60	.02	.05	2	6570
9600N-9650E-R	11	286	2	41	.1	21	14	437	33.61	3	5	ND	2	19	.9	2	2	308	.13	.024	2	8	.26	40	.07	2	.34	.03	.23	2	11
9600N-9805E-R	1	415	3	17	.1	20	23	223	6.84	4	11	ND	1	74	.4	2	2	142	1.31	.107	5	65	.47	27	.16	6	1.39	.09	.31	1	15
9600N-9950E-R	4	301	2	15	.1	41	60	230	3.95	4	5	ND	1	47	.5	2	4	105	1.13	.150	7	15	1.08	37	.19	2	1.59	.09	.45	1	8
9300S-10175E-R	6	992	4	13	.8	14	9	181	4.31	2	6	ND	1	59	.8	2	5	56	.86	.046	2	22	.47	33	.21	3	1.02	.11	.29	2	61
9300S-10180E-R	1	117	6	10	.1	11	6	208	4.42	5	5	ND	1	37	.7	2	4	73	.79	.057	2	28	.62	24	.25	2	1.15	.09	.29	2	38
STANDARD C	18	57	37	130	7.0	70	31	1052	3.97	40	22	7	39	52	19.0	15	19	56	.51	.093	40	59	.90	183	.07	35	1.86	.07	.14	11	-

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Cathedral Gold Corp. PROJECT 7101 File # 90-4531 Page 1

800 - 601 W. Hastings St., Vancouver BC V6B 5A6

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
10600N 9575E	2	124	3	68	.2	8	9	403	3.75	2	5	ND	1	52	.2	3	2	120	.46	.207	4	12	.75	52	.08	4	2.12	.01	.05	1	4
10600N 9600E	7	230	4	76	.4	8	13	620	4.40	9	5	ND	1	87	.4	5	2	151	.51	.246	7	13	.79	104	.05	5	2.39	.01	.07	1	1
10600N 9650E	3	156	2	62	.5	7	13	694	4.48	4	5	ND	1	47	.2	3	2	164	.73	.245	7	12	.72	46	.09	4	1.51	.01	.06	1	1
10600N 9725E	1	28	9	40	.3	4	4	184	2.92	2	5	ND	1	50	.2	2	3	132	.30	.052	4	9	.36	62	.23	4	1.15	.01	.04	3	5
10600N 9750E	1	53	3	61	.2	8	11	330	5.08	2	5	ND	1	47	.2	2	2	190	.36	.089	2	12	.69	49	.24	3	1.37	.01	.04	2	3
10600N 9775E	5	167	3	74	.3	9	13	369	6.28	6	5	ND	1	61	.5	3	2	211	.74	.337	5	13	.78	73	.18	6	2.02	.01	.05	1	1
10600N 9800E	2	61	2	64	.2	7	9	281	5.37	2	5	ND	1	67	.2	3	2	202	.36	.074	3	16	.52	82	.18	5	1.13	.01	.05	2	2
10600N 9825E	2	64	3	67	.3	6	8	332	4.13	2	5	ND	1	62	.2	2	2	152	.36	.126	3	9	.56	58	.09	4	1.16	.01	.05	1	5
10600N 9850E	2	72	2	69	.3	7	9	519	4.33	2	5	ND	1	57	.2	2	2	154	.32	.154	3	11	.64	54	.09	4	1.61	.01	.05	1	1
10600N 9875E	2	92	5	69	.5	8	9	474	4.59	2	5	ND	1	45	.2	3	2	153	.36	.202	5	12	.72	53	.10	4	2.11	.01	.06	1	2
10600N 9900E	3	394	2	81	.2	12	19	625	5.87	7	5	ND	2	388	.5	4	2	204	1.39	.320	10	22	.92	157	.16	4	3.42	.02	.10	1	3
10600N 9925E	11	501	2	90	.3	13	22	765	5.69	12	5	ND	2	460	.8	6	2	189	1.56	.303	10	21	.97	135	.14	4	3.67	.03	.10	1	1
10600N 9950E	16	603	2	93	.2	15	28	872	6.93	11	5	ND	2	225	1.2	6	2	245	1.97	.433	19	28	.98	156	.15	5	2.35	.01	.12	1	5
10600N 9975E	10	493	6	89	.2	14	27	1171	5.92	6	5	ND	1	201	.5	2	2	203	1.33	.310	14	24	.96	170	.11	4	2.83	.01	.10	1	3
10600N 10000E	5	451	4	87	.4	10	19	778	6.09	9	5	ND	1	92	.6	2	2	227	1.67	.351	22	18	1.14	64	.14	4	2.23	.01	.07	1	1
10600N 10025E	7	473	2	78	.3	12	17	501	6.13	12	5	ND	1	104	.5	5	2	263	1.75	.407	17	20	1.00	78	.16	5	2.23	.01	.06	1	6
10600N 10050E	4	70	3	63	.4	6	8	275	3.90	2	5	ND	1	49	.2	2	2	138	.26	.095	5	12	.50	64	.10	4	1.29	.01	.04	1	1
10600N 10075E	7	223	2	77	.2	11	14	487	6.15	5	5	ND	1	88	.6	3	2	222	1.13	.289	11	18	.84	88	.12	5	2.09	.02	.04	1	5
10600N 10100E	41	859	4	143	.4	19	29	1656	5.47	13	5	ND	1	96	.7	5	2	201	1.26	.236	15	22	1.38	195	.08	5	4.10	.01	.08	1	1
10600N 10125E	15	128	5	82	.3	8	11	620	4.01	2	5	ND	1	77	.2	3	2	154	.78	.090	5	16	.62	159	.12	5	1.43	.01	.05	1	2
10600N 10275E	31	281	5	88	.3	10	12	486	4.78	7	5	ND	1	72	.2	3	2	203	.70	.176	8	17	1.02	85	.13	5	2.00	.01	.06	1	2
10600N 10300E	28	72	4	68	.1	7	17	2621	4.78	2	5	ND	1	43	.2	2	2	201	.55	.100	6	18	.47	163	.10	5	.96	.01	.05	2	1
10600N 10350E	24	122	2	77	.3	9	13	661	4.32	7	5	ND	1	56	.3	2	2	194	1.62	.412	15	17	.87	88	.04	4	1.34	.01	.11	1	1
10600N 10375E	18	385	2	110	.2	14	25	817	7.93	38	5	ND	1	86	1.2	4	2	298	1.50	.387	15	33	.94	163	.13	2	1.78	.01	.21	1	6
10600N 10400E	8	86	6	81	.3	7	8	186	3.83	2	5	ND	1	67	.4	2	2	136	.92	.170	7	19	.46	79	.06	5	.89	.01	.10	1	2
10600N 10425E	62	215	5	100	.9	11	17	1584	5.61	4	5	ND	1	68	.5	2	2	280	1.20	.565	19	21	.85	98	.04	4	2.56	.01	.06	1	1
10600N 10450E	54	152	2	100	.5	10	17	1111	5.15	3	5	ND	1	67	.2	2	2	254	1.27	.412	17	19	.87	101	.03	6	1.90	.01	.06	1	4
10600N 10475E	16	242	2	88	.5	12	13	414	5.54	9	5	ND	1	73	.5	5	2	224	.92	.273	12	26	.88	96	.08	6	1.98	.01	.07	1	1
10500N 9500E	3	64	4	47	.3	6	7	225	2.61	2	5	ND	1	51	.3	2	2	110	.39	.145	5	8	.65	39	.16	3	1.24	.01	.04	2	10
10500N 9525E	1	35	2	85	.2	11	18	500	6.15	2	5	ND	1	14	.2	3	2	236	.49	.121	3	14	.98	19	.25	5	1.41	.01	.06	1	1
10500N 9550E	1	35	2	54	.5	5	8	243	3.09	2	5	ND	1	15	.2	2	2	115	.39	.105	4	9	.72	27	.16	2	1.86	.01	.04	1	12
10500N 9575E	1	41	7	48	.5	4	4	137	1.45	2	5	ND	1	26	.3	2	2	54	.19	.088	7	10	.49	39	.05	2	2.21	.01	.04	1	5
10500N 9600E	1	30	8	43	.3	3	3	79	1.41	3	5	ND	1	43	.3	2	2	64	.19	.082	4	7	.26	80	.07	2	1.07	.01	.04	1	5
10500N 9625E	8	219	5	69	.2	8	12	262	4.31	6	5	ND	1	146	.2	5	2	160	.68	.182	7	15	.79	177	.10	6	1.66	.02	.05	1	5
10500N 9650E	8	229	4	78	.4	10	15	341	5.64	7	5	ND	1	149	.4	5	2	212	.77	.204	7	18	.89	156	.12	7	1.75	.01	.06	1	5
10500N 9675E	14	534	2	93	.2	12	26	1175	6.67	13	5	ND	1	159	.8	5	2	243	1.36	.366	12	19	1.03	169	.12	7	2.37	.02	.10	1	16
STANDARD C/AU-S	18	57	40	131	6.8	69	31	1050	3.98	37	24	7	39	53	18.5	15	19	56	.52	.091	36	56	.89	180	.09	35	1.89	.06	.14	11	45

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P7 SOIL P8-P9 ROCK P10 CORE AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 17 1990 DATE REPORT MAILED: Sept 25/90 SIGNED BY. . . . . D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
10500N 9700E	1	70	3	58	.7	4	6	196	2.34	4	5	ND	1	26	.2	2	2	76	.18	.122	4	8	.57	41	.05	3	1.96	.01	.03	1	6
10500N 9725E	4	169	4	75	.1	9	11	347	5.90	7	5	ND	1	70	.5	2	2	197	.81	.293	8	18	.77	56	.11	4	2.76	.01	.04	1	5
10500N 9750E	4	108	4	68	.4	7	9	282	4.07	2	5	ND	1	60	.2	2	2	135	.43	.169	4	12	.76	53	.11	3	2.08	.01	.03	1	3
10500N 9775E	3	89	2	57	.2	8	10	291	5.23	2	5	ND	1	59	.5	2	2	180	.34	.097	4	13	.69	47	.15	3	1.55	.01	.04	1	1
10500N 9800E	2	56	5	47	.2	6	8	482	4.37	2	5	ND	1	64	.3	2	3	159	.33	.094	4	14	.47	54	.13	3	1.13	.01	.05	2	1
10500N 9825E	3	73	7	65	.6	8	8	465	4.22	4	5	ND	1	62	.7	2	2	150	.41	.138	6	14	.65	68	.16	4	1.79	.01	.04	1	1
10500N 9850E	3	133	2	63	.1	9	11	327	7.02	8	5	ND	1	78	1.1	5	2	222	.63	.335	6	17	.72	78	.11	4	2.23	.01	.03	1	2
10500N 9875E	2	52	5	50	.2	5	5	174	3.21	3	5	ND	1	66	.2	2	2	102	.29	.099	4	10	.45	53	.09	3	1.53	.01	.03	2	1
10500N 9900E	2	63	2	48	.1	7	8	232	4.85	4	5	ND	1	62	.2	2	2	166	.33	.112	4	17	.52	58	.10	4	1.22	.01	.04	1	3
10500N 9925E	3	125	5	64	.1	7	10	350	4.75	2	5	ND	1	62	.2	2	2	150	.49	.217	5	11	.77	54	.08	3	2.02	.01	.03	1	1
10500N 9950E	5	117	2	64	.1	9	12	501	5.95	6	5	ND	1	116	.6	3	2	222	.40	.066	3	19	.63	127	.14	3	1.31	.01	.04	1	1
10500N 9975E	8	207	6	72	.1	11	13	334	5.67	5	5	ND	1	160	.5	2	2	210	.67	.155	8	21	.87	143	.19	5	1.92	.01	.05	1	4
10500N 10000E	13	210	4	110	.2	9	32	3239	4.65	2	5	ND	1	160	.6	2	2	160	1.69	.317	13	15	.75	200	.04	4	1.90	.01	.09	1	4
10500N 10025E	8	170	6	82	.2	11	13	316	6.28	6	5	ND	1	118	.5	3	2	209	.46	.116	6	24	.74	112	.10	5	1.85	.01	.05	1	1
10500N 10050E	17	435	5	117	.1	12	18	1336	5.25	10	5	ND	1	189	.8	3	2	199	2.05	.263	13	17	1.06	223	.08	7	2.54	.02	.07	1	1
10500N 10075E	6	67	6	77	.2	7	8	259	4.00	2	5	ND	1	52	.3	2	2	144	.38	.067	4	13	.66	97	.13	4	1.37	.01	.04	1	2
10500N 10100E	5	191	2	89	.1	11	15	489	6.46	7	5	ND	1	86	1.1	4	2	226	.87	.218	7	17	.98	59	.16	5	2.14	.01	.05	1	5
10500N 10125E	5	176	6	80	.3	10	13	384	5.14	6	5	ND	1	85	.7	4	2	173	.85	.289	8	16	.89	76	.09	4	2.03	.02	.04	1	1
10500N 10150E	5	131	6	79	.2	8	10	315	4.95	4	5	ND	1	72	.4	2	2	161	.74	.265	7	15	.73	62	.10	3	2.20	.01	.04	1	1
10500N 10175E	2	54	7	62	.2	5	5	148	3.24	3	5	ND	1	51	.2	2	2	117	.31	.097	4	12	.44	59	.10	3	1.83	.01	.02	1	5
10500N 10200E	38	160	3	140	.2	12	16	904	5.77	8	5	ND	1	73	.8	2	2	214	1.15	.248	9	17	.99	109	.08	4	2.52	.02	.05	1	1
10500N 10225E	25	262	7	84	.2	10	12	372	4.34	11	5	ND	1	83	.6	2	2	153	.99	.242	9	15	1.01	68	.09	4	2.01	.01	.05	1	6
10500N 10250E	5	139	8	81	.8	7	8	258	3.34	4	5	ND	1	65	.3	2	2	88	.28	.215	5	11	.60	66	.02	3	1.87	.01	.04	1	2
10500N 10275E	2	68	6	70	.1	8	10	327	4.07	4	5	ND	1	54	.4	2	2	149	.62	.153	6	13	.81	50	.15	4	1.59	.01	.08	1	2
10500N 10300E	8	108	7	66	.3	7	6	215	2.62	2	5	ND	1	73	.2	2	2	90	.34	.086	6	11	.63	76	.06	3	1.61	.01	.05	1	1
10500N 10325E	5	87	2	63	.1	7	10	249	5.64	4	5	ND	1	61	.4	3	2	208	.38	.078	4	15	.56	44	.19	4	1.12	.01	.04	1	2
10500N 10350E	5	135	2	68	.2	9	13	437	5.97	9	5	ND	1	69	.5	4	2	190	.78	.314	7	15	.76	50	.11	5	1.89	.01	.05	1	2
10500N 10375E	4	80	3	57	.2	7	9	249	5.02	3	5	ND	1	69	.3	2	2	177	.33	.080	4	13	.53	60	.11	4	1.14	.01	.04	1	2
10500N 10400E	18	144	7	123	.1	9	16	1901	5.24	6	5	ND	1	102	1.0	4	2	207	1.55	.328	11	15	.77	128	.03	5	2.15	.01	.05	1	1
10500N 10425E	5	61	2	60	.1	6	8	202	4.96	2	5	ND	1	81	.2	2	2	167	.52	.112	3	15	.35	63	.06	4	.93	.01	.05	1	1
10500N 10450E	21	277	5	110	.2	12	19	1109	4.94	20	5	ND	1	138	.6	3	2	186	1.82	.321	19	17	.96	202	.06	4	2.26	.01	.07	1	3
10500N 10475E	9	78	5	72	.1	8	10	270	6.56	5	5	ND	1	72	.4	2	3	234	.68	.098	5	24	.39	114	.08	4	1.10	.01	.08	1	1
10500N 10500E	27	153	9	121	.1	11	18	1087	6.62	7	5	ND	1	65	.5	3	3	237	.88	.223	11	21	.84	77	.05	5	2.26	.01	.07	1	1
10400N 9500E	1	142	3	95	.3	14	16	723	7.67	8	5	ND	1	55	1.2	2	2	286	.98	.314	10	29	.95	66	.17	5	2.74	.01	.06	1	3
10400N 9525E	4	114	2	102	.1	11	13	1244	6.38	5	5	ND	1	59	.9	2	2	242	.62	.261	5	23	.81	65	.07	4	2.17	.01	.05	1	1
10400N 9550E	4	205	2	117	.1	13	17	966	7.77	11	5	ND	1	106	1.2	5	2	320	1.43	.288	13	33	.93	79	.12	5	2.01	.01	.09	1	2
STANDARD C/AU-S	18	58	37	130	6.7	69	31	1049	3.98	38	23	7	39	52	18.8	15	22	55	.53	.092	36	56	.90	180	.09	36	1.89	.06	.14	11	45

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
10400N 9575E	16	178	4	114	.3	13	17	1915	5.61	4	5	ND	1	82	.5	2	2	213	.72	.202	10	23	1.02	97	.07	7	2.49	.01	.04	1	3
10400N 9600E	4	57	2	68	.1	6	6	1007	3.74	4	5	ND	1	120	.2	2	2	118	.38	.211	5	13	.43	117	.02	7	2.00	.01	.04	1	1
10400N 9625E	10	266	4	85	.5	10	14	376	5.41	13	5	ND	1	160	.7	2	2	178	.92	.299	9	18	.88	167	.09	8	1.99	.02	.05	1	3
10400N 9650E	3	58	2	51	.1	7	8	291	5.25	4	5	ND	2	103	.2	2	2	177	.46	.113	4	14	.46	89	.09	7	1.33	.01	.04	2	1
10400N 9675E	7	192	2	79	.3	11	14	444	6.14	10	5	ND	2	105	.5	2	2	209	.54	.154	7	16	.89	90	.17	7	2.00	.01	.04	1	2
10400N 9700E	1	47	3	51	.2	8	11	319	6.31	3	5	ND	2	56	.3	2	2	215	.40	.122	5	14	.70	44	.18	5	1.62	.01	.05	2	1
10400N 9725E	1	23	2	25	.1	4	5	138	4.88	2	5	ND	1	57	.2	2	2	183	.23	.039	4	12	.10	45	.11	7	.78	.01	.02	2	7
10400N 9750E	1	15	2	32	.3	3	5	145	4.47	2	5	ND	1	36	.2	2	2	173	.21	.025	4	11	.16	34	.17	7	.65	.01	.02	2	5
10400N 9775E	1	19	3	35	.3	3	4	161	2.97	2	5	ND	1	39	.2	2	2	119	.25	.039	5	9	.27	39	.14	6	.78	.01	.04	2	4
10400N 9800E	2	77	3	58	.1	7	9	390	6.14	5	5	ND	1	55	.4	2	2	220	.44	.197	6	13	.51	51	.08	6	1.44	.01	.03	1	2
10400N 9825E	2	118	5	54	.1	9	10	289	6.72	6	5	ND	1	62	.6	2	2	228	.63	.270	8	17	.63	52	.10	8	2.28	.01	.03	2	5
10400N 9850E	5	138	2	74	.1	10	10	490	4.53	4	5	ND	1	104	.2	2	2	159	.94	.157	7	18	.76	78	.07	8	2.07	.02	.04	1	1
10400N 9875E	1	42	6	51	.5	4	4	143	1.81	2	5	ND	1	49	.3	2	2	57	.23	.095	5	8	.40	48	.03	4	1.23	.01	.04	2	3
10400N 9900E	1	43	6	61	.1	8	11	344	4.98	2	5	ND	1	28	.2	2	2	174	.30	.085	3	17	.83	39	.22	6	1.66	.02	.03	1	1
10400N 9925E	1	27	5	47	.2	4	5	192	2.66	2	5	ND	1	46	.3	2	2	107	.30	.060	4	7	.52	37	.22	5	1.18	.01	.03	2	1
10400N 9950E	1	33	6	56	.3	3	4	127	1.89	2	5	ND	1	51	.2	2	2	72	.23	.067	5	7	.31	41	.08	4	1.01	.01	.03	1	1
10400N 9975E	2	69	4	57	.6	5	7	214	2.55	2	5	ND	1	56	.3	2	2	76	.34	.147	5	9	.59	63	.03	6	1.57	.01	.05	1	2
10400N 10000E	1	86	6	88	.5	6	13	470	4.22	3	5	ND	1	40	.4	2	2	129	.40	.121	5	6	1.05	46	.31	7	1.82	.01	.08	1	1
10400N 10025E	3	117	4	70	.5	7	9	245	3.06	2	5	ND	1	101	.4	2	2	103	.52	.129	7	12	.73	105	.11	6	1.69	.02	.06	1	2
10400N 10050E	2	78	6	90	.2	8	10	341	4.24	2	5	ND	1	50	.5	2	2	138	.43	.102	6	12	.81	54	.17	7	1.79	.01	.03	1	4
10400N 10075E	5	171	3	89	.1	11	13	522	5.34	8	5	ND	1	74	.6	2	2	171	1.06	.257	10	14	.93	70	.16	7	2.14	.01	.05	1	2
10400N 10100E	3	93	3	86	.5	9	12	351	4.80	2	5	ND	1	55	.6	2	2	144	.53	.171	7	12	.85	55	.13	7	2.21	.01	.05	1	1
10400N 10125E	4	85	3	64	.3	8	10	278	5.43	2	5	ND	1	81	.2	2	2	187	.50	.110	5	19	.66	75	.14	6	1.56	.02	.04	1	4
10400N 10150E	39	311	2	101	.1	12	16	2883	5.18	5	5	ND	1	97	.4	2	2	192	.91	.249	10	18	.83	115	.04	8	2.57	.01	.06	1	2
10400N 10175E	14	102	3	70	.9	8	8	448	3.83	2	5	ND	1	64	.4	2	2	149	.48	.116	5	13	.68	60	.08	7	1.90	.01	.04	1	1
10400N 10200E	3	132	2	61	.2	9	9	346	4.15	3	5	ND	1	67	.2	2	2	150	.67	.210	7	16	.79	50	.11	8	2.29	.01	.03	1	2
10400N 10225E	2	41	5	42	.2	5	6	172	2.69	2	5	ND	1	70	.2	2	2	106	.31	.058	5	10	.43	48	.16	6	1.22	.01	.03	1	2
10400N 10250E	5	198	2	66	.1	11	12	375	6.09	4	5	ND	1	81	.4	2	2	204	1.18	.379	11	20	.73	66	.11	7	2.32	.01	.05	1	2
10400N 10275E	3	160	2	62	.1	11	13	430	8.26	7	5	ND	2	68	.7	2	2	301	1.08	.318	12	28	.69	49	.12	4	2.09	.01	.05	1	2
10400N 10300E	3	278	2	85	.1	14	16	555	7.00	7	5	ND	1	76	.6	2	3	237	1.13	.332	10	25	.90	64	.15	6	2.79	.01	.09	1	3
10400N 10325E	1	297	2	68	.1	15	15	483	7.01	10	5	ND	1	68	.4	2	2	233	.88	.308	8	32	.90	76	.14	5	3.64	.01	.08	1	4
10400N 10350E	1	113	4	71	.2	11	12	387	6.89	4	5	ND	1	56	.5	2	2	241	.79	.294	8	25	.75	46	.15	6	2.49	.01	.05	1	2
10400N 10375E	2	212	5	61	.2	11	13	456	5.96	2	5	ND	1	61	.2	2	2	195	1.02	.273	9	22	.75	53	.13	4	2.05	.01	.07	2	5
10400N 10400E	14	86	2	96	.3	10	11	366	4.44	2	5	ND	1	55	.2	2	2	211	.67	.166	9	19	.77	70	.07	7	1.99	.01	.04	1	3
10400N 10425E	11	131	2	102	.1	10	17	2220	6.08	3	5	ND	1	86	.7	2	2	243	1.16	.279	10	23	.76	105	.04	7	2.23	.01	.06	1	1
10400N 10450E	1	32	7	61	.2	6	6	197	2.48	2	5	ND	1	62	.3	2	2	86	.33	.093	3	12	.61	46	.14	5	1.40	.01	.03	1	1
STANDARD C/AU-S	18	58	36	131	6.9	68	31	1050	3.98	39	21	7	38	53	18.5	15	22	57	.52	.093	37	56	.90	180	.09	39	1.89	.06	.14	11	46

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
10400N 10475E	5	93	2	54	.2	5	6	390	1.96	2	5	ND	1	73	.4	2	2	68	.36	.079	4	8	.74	80	.04	5	1.35	.01	.04	1	2
10400N 10500E	4	142	3	58	.8	6	6	238	3.21	2	5	ND	1	79	.2	2	2	105	.61	.102	25	17	.49	86	.03	7	1.65	.01	.03	1	5
10300N 9500E	1	19	6	51	.1	7	9	329	2.73	2	5	ND	1	17	.2	2	3	105	.28	.038	3	9	1.01	30	.30	5	1.19	.01	.02	2	3
10300N 9525E	1	29	8	33	.2	5	5	169	5.46	2	5	ND	1	36	.2	2	2	214	.19	.031	4	22	.17	45	.16	7	.87	.01	.02	1	2
10300N 9550E	1	57	2	70	.2	9	10	378	5.80	2	5	ND	1	42	.2	2	2	197	.53	.204	5	20	.88	52	.15	6	1.72	.01	.04	1	4
10300N 9575E	2	95	3	63	.1	10	11	418	8.20	8	5	ND	1	56	1.0	2	3	292	.62	.204	7	30	.79	41	.09	4	1.94	.01	.02	1	1
10300N 9600E	2	148	2	68	.1	10	13	430	6.52	5	5	ND	1	52	.3	2	3	222	1.03	.291	11	19	.93	51	.12	5	2.69	.01	.06	1	1
10300N 9625E	4	170	2	56	.1	13	14	716	5.26	5	5	ND	2	150	.7	2	2	161	1.12	.199	8	16	.98	104	.08	7	3.09	.01	.05	1	2
10300N 9650E	2	61	4	59	.1	8	9	575	5.65	2	5	ND	1	74	.2	2	2	186	.32	.108	3	19	.60	82	.04	7	1.91	.01	.03	1	4
10300N 9675E	2	40	2	48	.1	6	6	203	4.51	2	5	ND	1	53	.2	2	2	154	.29	.085	3	14	.52	51	.07	7	1.16	.01	.02	1	1
10300N 9700E	1	16	4	47	.1	3	3	152	2.50	2	5	ND	1	126	.2	2	2	80	.42	.089	2	6	.19	113	.02	6	.85	.02	.04	2	1
10300N 9725E	3	126	6	54	.1	10	10	378	5.41	2	5	ND	1	107	.4	2	2	160	.72	.172	5	14	.80	118	.06	7	2.98	.01	.04	1	2
10300N 9750E	2	191	4	65	.1	11	15	547	6.19	8	5	ND	1	88	.3	2	2	202	1.13	.266	9	18	1.00	84	.13	6	2.44	.01	.07	1	1
10300N 9775E	1	30	3	38	.1	5	6	156	5.12	2	5	ND	1	57	.2	2	2	172	.25	.075	4	17	.26	53	.07	7	1.23	.01	.02	1	2
10300N 9800E	4	38	2	39	.1	6	9	195	7.07	2	5	ND	1	74	.3	2	2	236	.24	.068	3	20	.23	78	.04	7	1.03	.01	.02	1	1
10300N 9825E	3	286	7	88	.1	18	18	928	6.58	9	5	ND	1	181	1.0	2	2	227	2.10	.244	10	31	1.02	117	.10	5	3.13	.01	.11	1	1
10300N 9850E	8	234	4	98	.3	15	18	814	6.46	14	5	ND	1	137	.8	2	2	230	2.03	.299	12	33	1.19	105	.10	7	2.76	.01	.09	1	1
10300N 9875E	14	85	5	86	.2	8	6	396	3.03	2	5	ND	1	121	.2	2	2	124	1.11	.194	7	13	.75	103	.02	6	1.62	.01	.05	1	1
10300N 9900E	2	25	3	32	.1	4	5	218	4.35	3	5	ND	1	53	.2	3	2	158	.25	.048	4	14	.23	64	.09	8	.91	.01	.03	1	2
10300N 9925E	4	20	4	36	.1	4	4	124	1.82	2	5	ND	1	51	.2	2	2	64	.32	.066	2	7	.41	45	.09	5	.75	.01	.05	1	1
10300N 9950E	68	102	8	101	.7	4	9	588	3.75	8	5	ND	1	80	.2	2	2	194	1.34	.384	7	21	.53	57	.02	9	1.11	.01	.06	1	1
10300N 9975E	2	35	3	43	.2	4	4	128	3.73	2	5	ND	1	73	.2	2	2	126	.28	.080	3	17	.25	64	.08	7	1.43	.01	.02	1	3
10300N 10000E	2	85	6	63	.1	9	10	610	4.33	2	5	ND	1	51	.2	2	2	149	.62	.207	6	21	.97	50	.07	7	2.20	.01	.05	1	10
10300N 10025E	7	399	7	90	.3	13	13	583	4.31	9	5	ND	1	156	.3	2	2	134	1.06	.285	11	19	1.35	185	.11	8	2.86	.01	.12	1	1
10300N 10050E	1	51	10	42	.4	6	5	316	2.52	6	5	ND	1	58	.4	2	2	93	.36	.116	6	18	.69	62	.05	6	1.75	.01	.04	2	1
10300N 10075E	2	74	7	51	.2	8	5	201	3.05	5	5	ND	1	73	.2	2	2	110	.37	.091	4	24	.61	62	.06	6	1.75	.01	.03	1	4
10300N 10100E	2	111	5	51	.3	11	7	162	4.49	2	5	ND	1	90	.2	2	2	120	.35	.150	4	30	.62	78	.07	6	2.35	.01	.03	2	1
10300N 10125E	4	111	4	63	.7	9	7	305	3.17	2	5	ND	1	74	.2	2	2	95	.50	.099	4	21	.79	72	.08	6	2.11	.01	.04	1	1
10300N 10150E	4	101	6	57	.2	10	8	285	5.97	5	5	ND	1	69	.2	2	2	186	.41	.153	3	32	.70	61	.10	7	2.34	.01	.03	1	1
10300N 10175E	1	36	7	37	.1	5	5	183	3.74	2	5	ND	1	58	.2	2	2	134	.34	.103	4	17	.45	46	.09	6	1.62	.01	.03	1	1
10300N 10200E	1	42	7	56	.1	9	10	287	6.36	3	5	ND	1	49	.2	2	2	220	.31	.055	3	29	.71	59	.17	7	1.19	.01	.03	1	1
10300N 10225E	2	91	7	60	.4	7	6	294	3.37	2	5	ND	1	143	.2	2	2	115	.67	.094	10	22	.52	163	.05	7	1.76	.01	.04	1	1
10300N 10250E	1	159	3	83	.1	26	15	764	6.69	4	5	ND	1	121	.4	2	2	208	.80	.320	4	50	1.18	117	.13	7	3.08	.01	.07	1	1
10300N 10275E	1	156	3	81	.1	11	12	950	7.52	6	5	ND	1	51	.8	2	2	254	.63	.304	6	39	.62	53	.08	5	2.75	.01	.03	1	2
10300N 10300E	4	245	4	77	.2	16	13	403	7.55	9	5	ND	1	83	1.0	2	2	250	.97	.225	10	38	.83	70	.14	5	3.64	.01	.03	1	1
10300N 10325E	2	101	5	52	.1	9	10	267	6.65	7	5	ND	1	71	.3	2	2	229	.57	.130	4	29	.56	71	.09	6	1.34	.01	.03	2	1
STANDARD C/AU-S	17	58	35	130	6.9	68	31	1054	3.99	40	19	6	37	52	18.9	15	18	55	.50	.090	37	56	.95	179	.09	39	1.90	.06	.14	13	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
10300N 10350E	1	37	2	68	.4	10	11	326	5.51	2	5	ND	1	71	.2	2	2	192	.50	.113	3	25	.83	70	.20	4	1.59	.01	.07	1	7
10300N 10375E	3	146	2	55	.3	12	10	305	7.50	9	5	ND	1	93	.9	2	2	219	.67	.411	5	36	.67	73	.07	6	2.55	.02	.04	1	7
10300N 10400E	2	76	3	62	.3	10	9	266	5.43	3	5	ND	1	63	.2	3	2	169	.34	.187	2	25	.61	53	.12	4	1.64	.01	.03	1	14
10300N 10425E	2	219	2	45	.3	13	13	391	5.69	5	5	ND	1	66	.5	2	2	185	.65	.172	4	31	.80	59	.13	5	1.69	.01	.05	1	16
10300N 10450E	2	178	2	50	.3	10	9	228	5.37	3	5	ND	1	66	.3	2	2	191	.58	.123	3	31	.61	60	.10	4	1.41	.01	.02	1	7
10300N 10475E	5	98	2	65	.5	10	9	265	4.53	3	5	ND	1	86	.2	2	2	177	.50	.093	2	22	.66	86	.14	4	1.38	.02	.04	1	8
10300N 10500E	3	290	2	70	.1	14	14	368	6.51	3	5	ND	1	77	.7	2	3	238	.93	.161	5	36	.88	78	.15	5	1.53	.02	.05	1	8
10200N 9525E	7	311	6	82	.1	16	17	1412	6.22	6	5	ND	1	155	.8	2	2	179	.86	.242	8	22	.80	102	.09	6	3.15	.02	.04	1	5
10200N 9550E	2	101	5	74	.2	14	10	320	6.20	6	5	ND	1	148	.5	2	2	219	.35	.075	2	25	.67	76	.17	5	1.82	.01	.04	1	2
10200N 9575E	2	129	4	59	1.0	12	10	401	5.26	2	5	ND	1	99	.5	2	2	181	.49	.187	4	24	.76	59	.11	5	2.15	.01	.04	1	3
10200N 9600E	1	75	3	50	.1	9	10	535	7.08	3	5	ND	1	65	.4	2	3	255	.27	.110	2	30	.55	43	.09	5	1.31	.01	.03	1	5
10200N 9625E	1	103	2	83	.3	17	16	591	7.75	7	5	ND	1	61	1.0	2	2	257	.47	.154	5	30	.96	51	.15	7	2.85	.01	.02	1	7
10200N 9650E	1	79	5	80	.5	14	10	548	4.86	5	5	ND	1	204	.6	2	3	153	.59	.158	7	23	.84	123	.11	4	2.20	.02	.06	1	4
10200N 9675E	1	70	6	60	.8	11	10	392	5.04	6	5	ND	1	119	.2	2	2	183	.47	.113	4	25	.77	63	.13	4	1.73	.01	.05	1	2
10200N 9700E	2	42	6	53	.2	7	6	187	4.22	2	5	ND	1	156	.6	2	2	123	.26	.118	3	12	.28	98	.03	4	1.85	.01	.03	2	5
10200N 9725E	1	54	8	55	.1	9	8	312	5.92	6	5	ND	1	99	.5	2	2	205	.42	.121	3	21	.58	67	.15	5	1.59	.01	.03	1	4
10200N 9750E	1	86	4	76	.1	12	11	624	6.36	5	5	ND	1	82	.5	2	2	209	.52	.145	6	23	.72	78	.10	6	2.82	.01	.03	1	2
10200N 9775E	2	53	7	62	.3	7	7	252	4.37	6	5	ND	1	128	.6	2	2	125	.35	.173	3	14	.49	92	.05	4	2.49	.01	.03	1	2
10200N 9800E	18	192	5	78	.3	13	17	587	5.76	4	5	ND	1	80	.4	2	2	209	.90	.180	8	23	.98	102	.18	5	2.37	.01	.02	2	7
10200N 9825E	1	26	8	31	.2	4	5	142	4.73	2	5	ND	1	73	.2	2	2	161	.21	.063	4	15	.16	60	.12	4	1.37	.01	.02	1	1
10200N 9850E	2	30	5	55	.1	5	8	1038	6.25	2	5	ND	1	84	.4	2	2	210	.25	.090	2	15	.22	97	.06	5	1.10	.01	.02	1	2
10200N 9875E	2	180	2	47	.1	9	12	512	5.38	6	5	ND	1	85	.4	2	2	158	.71	.258	5	21	.76	86	.11	5	2.98	.01	.03	1	1
10200N 9900E	7	49	8	53	.1	11	7	179	4.86	2	5	ND	1	139	.2	2	2	191	.41	.060	2	43	.47	110	.18	4	1.36	.02	.04	1	7
10200N 9925E	7	45	3	61	.2	16	13	280	6.63	5	5	ND	1	53	.4	2	2	219	.33	.039	2	48	1.34	62	.39	6	2.65	.02	.07	1	24
10200N 9950E	6	216	2	65	.6	20	13	559	5.52	8	5	ND	1	103	.8	2	2	173	.40	.105	3	56	.86	97	.16	5	2.07	.02	.06	2	31
10200N 9975E	5	446	2	64	.2	27	26	550	5.31	8	5	ND	1	96	.8	2	2	164	.93	.129	4	52	1.09	85	.19	5	3.92	.02	.06	1	6
10200N 10000E	1	36	4	50	.2	6	9	250	5.96	6	5	ND	1	54	.2	2	2	211	.26	.045	2	18	.47	54	.13	5	1.24	.02	.03	1	2
10200N 10025E	6	81	9	50	.3	10	8	231	5.81	5	5	ND	1	118	.5	2	2	174	.29	.068	3	25	.50	105	.16	5	2.01	.01	.03	2	4
10200N 10050E	4	1570	2	89	.2	47	49	708	5.91	11	5	ND	1	105	1.4	3	3	189	1.23	.068	2	79	2.03	110	.40	6	3.60	.02	.22	1	14
10200N 10075E	2	386	4	79	.5	20	18	511	6.85	7	5	ND	2	73	1.0	2	2	231	.94	.281	8	33	1.07	60	.21	6	2.80	.01	.05	1	3
10200N 10100E	1	239	3	61	.4	15	12	391	6.54	7	5	ND	1	69	.8	2	2	193	.66	.279	5	28	.87	67	.14	6	3.27	.01	.03	1	8
10200N 10125E	1	61	6	47	.4	6	6	205	5.48	3	5	ND	1	44	.2	2	2	198	.24	.092	3	19	.39	46	.12	4	1.43	.01	.02	1	11
10200N 10150E	1	112	5	73	.1	10	14	433	8.71	7	5	ND	1	41	1.5	3	3	317	.76	.349	8	26	.75	45	.16	7	1.94	.01	.07	1	1
10200N 10175E	2	160	11	61	.3	11	11	426	5.96	9	5	ND	1	43	.7	2	2	207	.46	.173	4	23	.76	45	.17	5	2.07	.01	.04	1	6
10200N 10200E	1	126	5	61	.3	10	10	383	6.00	7	5	ND	1	52	.8	2	2	207	.46	.166	4	24	.65	41	.11	5	1.91	.02	.03	1	2
10200N 10225E	11	122	5	55	.3	8	7	238	4.15	6	5	ND	1	64	.3	2	2	143	.41	.084	4	21	.56	64	.10	4	1.69	.01	.04	1	51
STANDARD C/AU-S	18	60	40	131	6.8	70	32	1049	3.98	40	24	7	39	53	18.4	15	22	56	.52	.092	37	55	.91	181	.09	38	1.89	.06	.14	11	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
10200N 10250E	1	47	5	46	.3	5	6	197	3.72	2	5	ND	1	67	.2	3	2	145	.33	.057	3	17	.34	70	.10	7	1.41	.02	.03	1	3
10200N 10275E	3	211	5	61	.5	15	11	292	5.94	2	5	ND	2	95	.2	3	2	192	.46	.098	2	42	.76	92	.16	7	2.34	.02	.04	1	6
10200N 10300E	3	231	2	70	.3	16	14	441	7.53	9	5	ND	2	70	.6	3	2	247	.76	.210	7	41	.83	52	.17	7	3.13	.01	.06	1	12
10200N 10325E	3	328	4	49	.1	15	16	411	7.88	6	5	ND	3	70	.3	2	2	263	.83	.208	7	48	.66	47	.11	7	2.42	.01	.03	1	2
10200N 10350E	4	291	5	63	.2	14	11	275	5.87	6	5	ND	1	86	.2	2	2	190	.72	.120	5	35	.74	107	.15	8	1.75	.02	.03	1	6
10200N 10375E	2	441	3	51	.2	15	22	1124	6.61	4	5	ND	2	65	.2	3	2	235	1.12	.265	8	34	.79	73	.12	7	1.67	.02	.07	1	8
10200N 10400E	3	135	4	57	.1	11	11	290	7.05	4	5	ND	1	68	.2	2	2	224	.60	.306	4	33	.65	83	.11	7	1.94	.01	.03	1	7
10200N 10425E	2	397	4	59	.2	13	13	366	6.84	4	5	ND	2	67	.5	3	2	232	.81	.256	7	39	.74	65	.13	7	1.93	.01	.03	1	12
10200N 10450E	3	270	4	58	.3	12	12	379	5.52	5	5	ND	1	69	.4	2	2	206	.73	.196	5	27	.79	59	.14	8	1.56	.01	.04	1	8
10200N 10475E	8	441	6	70	.4	16	21	397	6.08	7	5	ND	1	75	.2	2	2	187	.55	.183	2	45	.83	88	.09	7	2.15	.02	.04	1	8
10200N 10500E	4	1022	2	46	.1	18	17	286	5.13	4	5	ND	1	71	.2	2	2	140	.76	.126	5	43	.81	59	.12	7	2.08	.02	.04	2	12
10100N 9500E	13	677	6	55	.3	11	15	809	4.72	6	5	ND	2	225	.2	2	2	147	1.39	.222	9	12	.79	129	.05	7	3.24	.02	.06	1	7
10100N 9525E	12	453	4	70	.3	10	18	1209	6.56	7	5	ND	1	190	.4	2	2	186	1.53	.249	10	14	.76	170	.06	6	2.63	.02	.05	1	7
10100N 9550E	6	320	2	78	.2	15	18	963	7.05	8	5	ND	2	210	.9	2	2	220	1.52	.264	8	22	.81	136	.09	6	3.72	.02	.05	1	4
10100N 9575E	4	261	4	75	.2	16	13	624	5.32	7	5	ND	1	229	.2	2	2	168	1.25	.216	7	24	.80	140	.07	7	3.65	.02	.05	1	5
10100N 9600E	2	268	4	70	.3	19	15	761	6.04	3	5	ND	2	302	.6	3	2	194	1.58	.239	7	29	.85	164	.10	7	3.51	.02	.06	1	3
10100N 9625E	6	308	2	66	.2	18	16	925	5.86	6	5	ND	2	249	.3	2	2	183	1.62	.258	9	24	.87	128	.09	7	4.02	.02	.06	1	5
10100N 9650E	1	252	2	59	.3	13	10	532	4.87	7	5	ND	1	213	.5	3	2	160	1.41	.236	7	20	.72	115	.09	7	4.14	.01	.06	1	13
10100N 9675E	2	84	2	59	.1	10	11	306	7.73	5	5	ND	1	64	.2	2	2	265	.32	.106	2	30	.59	48	.11	6	1.73	.01	.02	1	2
10100N 9700E	2	96	5	58	.8	7	7	270	3.54	2	5	ND	1	91	.2	2	2	122	.45	.125	3	17	.58	68	.07	7	2.04	.02	.02	1	2
10100N 9725E	3	103	6	60	.4	9	10	351	6.57	5	5	ND	1	99	.2	2	2	224	.49	.151	4	24	.56	69	.08	7	1.95	.01	.04	1	2
10100N 9750E	3	111	8	59	.6	9	8	275	4.70	5	5	ND	1	82	.2	2	2	154	.39	.122	2	20	.70	54	.06	8	2.65	.02	.03	1	1
10100N 9775E	3	66	8	51	.3	6	7	198	5.43	2	5	ND	1	76	.2	2	2	216	.30	.060	3	20	.37	60	.11	7	1.46	.01	.04	1	11
10100N 9800E	3	102	4	63	.1	11	10	425	5.69	4	5	ND	1	75	.2	2	2	200	.48	.129	5	24	.71	49	.10	7	2.42	.01	.03	1	2
10100N 9825E	4	289	6	74	.2	15	18	1193	6.15	8	5	ND	1	170	.7	2	2	199	1.44	.263	9	22	.90	118	.10	8	3.12	.01	.08	1	1
10100N 9850E	1	55	7	50	.3	10	9	224	5.56	2	5	ND	2	134	.2	2	2	208	.56	.063	3	21	.52	106	.16	8	1.60	.02	.05	1	1
10100N 9875E	18	134	8	68	1.1	13	9	662	4.50	2	5	ND	1	167	.3	2	2	160	.93	.135	4	26	.73	110	.10	7	2.76	.02	.04	1	3
10100N 9900E	18	3225	5	98	.1	26	114	1740	7.34	9	5	ND	1	138	.5	5	2	257	1.30	.236	8	41	.94	98	.12	8	2.47	.02	.10	1	5
10100N 9925E	30	5484	5	91	.1	20	249	2944	6.00	8	5	ND	1	131	.2	4	2	208	1.46	.271	21	44	.84	126	.05	9	2.80	.01	.06	1	8
10100N 9950E	3	206	5	96	.5	14	15	638	6.53	7	5	ND	1	83	.4	2	2	226	.87	.355	7	21	1.07	71	.14	8	3.31	.01	.09	1	1
10100N 9975E	3	180	4	65	.6	12	11	264	5.50	4	5	ND	1	119	.2	2	2	187	.72	.136	3	35	.78	87	.12	8	2.28	.02	.04	1	6
10100N 10000E	3	184	2	54	.4	14	13	310	7.08	7	5	ND	1	101	.4	2	2	229	.68	.175	3	40	.82	92	.14	7	3.04	.02	.03	1	2
10100N 10025E	3	473	6	70	.2	26	20	505	5.66	10	5	ND	1	120	.7	4	2	172	1.03	.186	5	60	.97	135	.14	8	3.80	.01	.05	1	8
10100N 10050E	5	218	9	51	.2	26	13	268	5.99	8	5	ND	1	60	.2	2	2	190	.54	.079	2	91	.92	52	.22	8	2.73	.02	.05	2	6
10100N 10075E	12	858	5	67	.6	36	38	510	5.13	4	5	ND	1	126	.3	2	2	132	1.09	.118	2	88	1.14	73	.20	7	2.51	.02	.11	1	27
10100N 10100E	13	623	2	52	.4	26	16	456	5.52	5	5	ND	1	134	.3	2	2	153	.79	.121	2	97	1.17	97	.25	7	3.09	.02	.05	1	17
STANDARD C/AU-S	18	60	40	131	6.9	69	31	1049	3.98	37	22	6	38	53	18.5	15	20	56	.52	.092	37	56	.90	181	.09	39	1.89	.06	.14	12	47

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
10100N 10125E	21	2340	10	65	1.1	39	47	583	7.19	7	5	ND	2	114	1.0	7	2	168	.99	.126	5	95	1.45	73	.15	6	2.68	.02	.12	3	57
10100N 10150E	27	2067	15	55	.6	41	47	503	6.67	7	5	ND	1	93	.9	6	7	158	.88	.114	5	88	1.20	62	.14	3	2.47	.02	.11	3	79
10100N 10175E	13	184	3	34	.5	10	9	126	5.21	5	5	ND	1	63	.4	2	7	189	.32	.026	4	63	.19	42	.11	3	1.14	.02	.04	1	39
10100N 10200E	10	1062	8	50	.5	24	24	392	6.98	7	5	ND	1	84	.8	3	2	190	.72	.146	5	65	.76	77	.10	3	3.33	.02	.06	4	79
10100N 10225E	11	225	8	43	.4	9	9	166	5.24	3	5	ND	1	63	.6	2	3	159	.36	.086	2	50	.39	53	.09	2	1.55	.03	.05	2	25
10100N 10250E	11	514	14	75	.5	14	12	324	6.46	8	5	ND	1	71	.8	4	4	188	.45	.101	5	55	.67	68	.11	3	3.08	.03	.04	2	70
10100N 10275E	7	620	7	78	.7	14	22	485	9.26	9	5	ND	3	55	1.3	7	2	295	1.06	.298	13	40	.92	59	.14	6	2.57	.02	.10	2	22
10100N 10300E	6	84	8	27	.3	3	4	101	2.54	3	5	ND	1	35	1.0	2	2	125	.19	.038	3	23	.13	44	.17	2	1.10	.02	.02	1	45
10100N 10325E	12	1523	10	118	.7	39	133	1832	6.34	6	5	ND	1	61	1.5	5	2	168	1.07	.114	7	65	1.20	69	.11	5	2.83	.02	.06	3	103
10100N 10350E	9	123	8	35	.2	18	9	184	4.73	2	5	ND	1	33	1.0	2	2	148	.47	.043	2	60	.68	36	.20	2	1.75	.04	.06	2	10
10100N 10375E	9	1039	11	110	.5	38	47	990	3.98	3	5	ND	1	80	.7	3	2	85	2.46	.124	9	49	1.12	134	.09	7	2.94	.03	.05	1	5
10100N 10400E	8	306	5	55	.4	28	20	358	4.08	6	5	ND	1	57	1.0	5	3	98	1.10	.061	4	55	.98	129	.16	3	2.10	.04	.09	1	7
10100N 10425E	10	414	4	53	.3	25	19	283	4.16	6	5	ND	1	74	.9	2	2	100	1.53	.056	3	52	.84	187	.10	3	2.06	.03	.05	1	11
10100N 10450E	10	33	7	47	.2	16	8	184	2.58	2	5	ND	1	41	.5	2	2	80	.60	.054	4	43	.92	101	.13	2	1.89	.03	.05	1	2
10100N 10475E	3	91	5	44	.4	11	9	183	3.53	4	5	ND	1	50	.6	2	2	113	.47	.054	2	34	.50	57	.10	2	1.87	.03	.05	2	1
10100N 10500E	3	259	3	60	.5	15	15	338	4.87	6	5	ND	1	110	.8	5	2	131	.69	.094	2	43	.82	75	.08	2	3.05	.02	.04	1	11
STANDARD C/AU-S	18	58	40	131	7.2	72	31	1057	3.99	39	17	7	37	53	18.5	15	20	56	.52	.096	37	60	.90	180	.07	36	1.90	.06	.14	11	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
D 53051	2	37	3	45	.4	16	17	1402	6.03	6	5	ND	1	69	.2	3	2	65	17.86	.013	2	15	2.91	160	.01	2	.38	.01	.04	2	16
D 53052	18	44	2	44	.3	17	18	1084	4.77	8	5	ND	1	50	.2	3	2	73	7.86	.063	4	50	1.60	74	.01	2	.55	.02	.16	1	49
D 53053	2	18	2	43	.5	13	17	1277	5.28	9	5	ND	1	77	.2	3	2	49	13.82	.013	2	14	3.27	95	.01	2	.44	.02	.06	1	13
D 53054	12	67	15	177	1.0	18	13	1927	6.89	39	5	ND	1	63	.2	2	2	55	14.78	.011	2	17	4.74	226	.01	3	.21	.04	.05	1	20
D 53055	6	731	12	25	.7	27	80	339	5.01	3	5	ND	1	101	.7	4	3	95	2.85	.068	3	33	.85	46	.23	2	1.31	.14	.08	1	17
D 53056	10	26	10	4	.1	23	497	170	26.22	31	18	ND	1	4	.2	2	2	70	.25	.040	2	52	.37	7	.07	53	.53	.01	.01	3	15
D 53057	4	73	4	14	.4	21	34	331	4.36	2	5	ND	1	153	.7	4	2	118	1.32	.075	4	53	1.45	50	.19	5	2.17	.10	.08	1	18
D 53058	3	121	10	16	.4	22	56	302	7.24	4	5	ND	1	159	.6	2	2	114	1.14	.071	3	59	1.14	50	.19	5	2.08	.07	.06	1	15
D 53059	2	138	4	18	.4	22	20	249	4.27	2	5	ND	1	317	.9	3	2	120	1.34	.067	3	45	1.06	81	.22	2	2.38	.12	.08	2	9
D 53060	11	388	6	22	.5	20	33	420	6.25	5	6	ND	1	264	.5	4	4	148	1.38	.068	4	45	1.27	67	.19	3	3.10	.09	.10	3	11
D 53061	15	448	7	45	.5	22	35	766	7.60	8	5	ND	1	28	.5	7	2	187	.51	.060	3	58	2.36	27	.16	2	3.14	.03	.13	1	29
D 53062	41	375	15	33	.5	21	28	510	8.06	5	5	ND	1	42	.6	5	4	162	.64	.058	3	46	1.79	30	.17	2	2.38	.04	.10	1	33
D 53063	2	140	6	22	.4	12	13	325	5.13	2	5	ND	1	214	.3	2	2	156	1.67	.080	3	26	.94	51	.18	2	2.76	.17	.09	2	2
D 53064	7	288	6	25	.3	13	24	432	5.44	9	5	ND	1	152	.4	2	2	145	1.65	.070	2	21	1.19	36	.16	2	3.58	.16	.09	1	3
D 53065	1	169	8	18	.4	10	16	266	4.86	2	5	ND	1	311	.7	2	2	150	1.61	.075	3	18	.82	47	.22	3	2.78	.19	.09	1	2
D 53066	24	148	6	22	.4	12	19	222	5.75	6	5	ND	1	354	.5	2	2	164	1.52	.076	3	18	.64	54	.21	2	2.53	.19	.11	1	1
D 53067	2	230	7	21	.4	14	15	233	4.19	3	5	ND	1	143	.5	2	3	133	1.58	.076	3	21	.87	34	.18	2	2.64	.19	.15	1	1
D 53068	8	209	8	21	.3	13	18	275	4.42	2	5	ND	1	193	.6	2	2	146	1.72	.077	2	22	.92	54	.18	3	2.94	.22	.16	1	1
D 53069	2	60	2	15	.3	10	14	228	4.07	2	5	ND	1	172	.9	2	2	138	2.30	.075	2	22	.77	50	.19	2	3.24	.34	.14	1	2
D 53070	8	105	5	11	.2	12	16	188	3.88	2	5	ND	1	235	.8	2	2	127	2.05	.068	2	19	.62	60	.17	2	3.19	.31	.14	1	1
D 53071	8	226	6	19	.4	15	21	247	4.48	2	5	ND	1	258	.9	4	2	140	1.76	.077	2	25	.87	42	.19	2	2.86	.21	.15	14	1
D 53072	12	106	5	23	.4	12	19	280	4.58	3	5	ND	1	306	.4	2	2	147	1.70	.080	2	27	1.11	30	.18	2	2.82	.12	.10	1	1
D 53073	2	166	3	29	.4	13	21	389	4.98	5	5	ND	1	242	.5	5	2	149	2.50	.073	2	30	1.36	24	.17	2	3.95	.15	.14	1	1
D 53074	14	798	7	29	1.3	14	26	308	5.41	2	5	ND	1	294	.7	3	2	153	1.51	.076	4	32	1.30	33	.17	3	2.67	.12	.09	1	2
D 53075	3	168	6	31	.5	15	18	350	4.49	2	5	ND	1	330	.7	2	3	136	1.72	.077	2	26	1.14	38	.19	3	2.67	.13	.09	2	1
D 53076	4	135	10	27	.3	12	18	266	3.96	2	5	ND	1	216	.2	2	2	115	1.78	.075	2	22	.77	46	.14	4	2.85	.16	.08	2	1
D 53077	2	162	8	22	.2	10	17	267	3.52	2	5	ND	1	134	.8	2	2	113	1.98	.081	2	17	.75	32	.18	3	2.59	.12	.09	1	1
D 53078	1	123	4	22	.3	14	20	274	3.89	4	5	ND	1	165	.7	2	2	115	1.93	.080	2	26	.82	30	.16	3	2.67	.15	.09	1	1
D 53079	14	109	11	27	.3	12	17	290	5.18	6	5	ND	1	195	.4	3	2	142	1.49	.076	2	27	1.11	31	.19	2	2.81	.13	.10	2	1
D 53080	1	83	2	22	.3	9	13	286	3.98	3	5	ND	1	116	.4	2	2	118	1.61	.085	2	20	.96	23	.17	2	2.00	.11	.09	1	3
D 53081	6	194	3	28	.2	2	13	307	3.48	3	5	ND	1	122	.3	4	3	79	1.19	.097	5	10	1.03	35	.13	3	1.74	.07	.11	1	1
D 53082	5	97	3	25	.3	4	10	296	2.99	5	5	ND	2	188	.3	2	2	74	1.28	.098	5	11	1.01	29	.14	3	1.85	.05	.08	1	1
D 53083	3	326	6	18	.2	23	20	322	4.01	7	5	ND	1	84	.3	2	2	102	1.43	.133	5	38	.80	19	.13	6	1.75	.06	.08	1	2
D 53084	16	258	7	36	.3	52	23	575	4.91	5	5	ND	1	73	.9	6	2	135	.96	.086	2	158	1.78	16	.23	4	2.37	.05	.06	1	1
D 53085	30	205	6	70	.4	54	27	740	6.20	2	5	ND	1	64	.4	3	2	139	.76	.066	3	135	1.79	18	.16	3	3.05	.03	.06	1	1
D 53086	2	171	6	49	.3	34	21	568	4.33	7	5	ND	1	90	.6	3	2	104	.90	.067	4	72	1.29	23	.16	3	2.43	.03	.06	2	2
STANDARD C/AU-R	19	57	39	130	7.1	72	31	1058	3.99	41	15	7	37	53	18.5	15	23	55	.52	.100	37	60	.90	180	.08	35	1.90	.06	.14	13	540

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
D 53087	2	166	4	29	.3	17	15	347	3.45	4	5	ND	1	54	.2	3	2	91	1.26	.101	4	21	.99	19	.22	7	1.98	.06	.10	6	6
D 53088	1	256	2	23	.2	25	17	314	3.74	7	5	ND	1	72	.2	2	2	98	1.46	.128	5	26	1.22	30	.21	8	2.48	.10	.15	10	6
D 53089	1	131	2	19	.2	32	16	288	3.21	6	5	ND	1	58	.2	4	2	95	1.31	.071	3	41	1.65	31	.27	7	2.43	.07	.13	1	4
D 53090	7	355	2	33	.3	29	22	429	4.08	7	5	ND	1	34	.2	2	2	116	1.02	.065	5	63	2.00	26	.26	7	2.43	.06	.11	1	11
D 53091	1	447	2	18	.2	24	20	340	4.47	3	5	ND	1	75	.2	2	2	105	1.85	.080	3	47	.81	24	.18	7	2.05	.14	.10	3	11
D 53092	21	1542	4	72	.6	42	66	487	9.43	2	5	ND	2	87	.7	2	3	163	1.04	.046	7	60	1.67	77	.25	2	2.13	.06	.27	1	12
D 53093	3	334	4	67	.3	11	18	626	5.74	17	5	ND	2	80	.2	3	2	172	1.33	.196	12	13	1.38	75	.25	3	1.42	.06	.15	1	5
D 53094	1288	614	2	17	1.1	3	26	211	38.45	88	5	ND	4	99	.4	5	2	253	.08	.182	12	6	.05	230	.04	2	.45	.03	.10	1	20
D 53095	16	35	2	56	.2	23	26	473	9.26	2	5	ND	2	44	.3	2	2	364	1.27	.153	4	31	1.17	170	.26	2	1.22	.08	.46	1	2
10650N 9925E-R	3	93	3	34	.1	9	12	432	4.85	2	5	ND	1	45	.2	2	2	174	1.39	.220	8	11	.84	84	.19	3	1.05	.07	.29	1	1
10203N 9997E-R	303	1824	2	34	7.3	51	7	88	19.13	6	5	ND	6	99	.4	2	2	376	.49	.206	3	33	.34	52	.07	22	.41	.02	.07	1	370
10180N 9550E-R	3	129	3	17	.2	10	10	278	11.42	2	5	ND	3	71	.2	2	2	597	1.09	.175	6	2	.31	62	.08	2	.60	.06	.11	1	2
10175N 9950E-R	1	75	2	16	.2	9	8	245	10.15	2	5	ND	2	55	.3	2	2	340	1.17	.121	5	2	.17	52	.08	2	.74	.05	.09	1	4
10072N 9995E-R	19	82963	2	69	53.7	111	117	64	23.02	6	5	4	1	66	5.7	2	3	28	.27	.045	2	24	.24	7	.08	2	.44	.01	.03	29	3180
10072N 10000E-R	3	14533	2	28	2.2	47	40	130	13.95	2	5	ND	1	245	1.3	2	2	189	.88	.185	3	22	.68	57	.15	2	1.01	.03	.39	1	750
10070N 10000E-R	2	5775	4	53	1.8	123	251	191	7.27	12	5	ND	1	71	.9	2	2	91	.80	.123	4	4	1.00	28	.22	2	1.45	.04	.34	1	200
9935N 10005E-R	267	5991	2	25	1.2	46	40	136	32.27	6	5	ND	3	6	1.0	2	2	291	.11	.005	2	45	.33	13	.07	7	.70	.01	.04	1	230
STANDARD C/AU-R	18	58	40	131	7.0	71	32	1049	3.97	38	20	7	39	53	19.1	15	21	57	.52	.094	38	57	.90	182	.09	35	1.90	.06	.13	13	540

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
DDH 70-1 215-220	34	9377	3	58	5.7	31	25	329	6.24	5	5	ND	1	74	1.2	2	2	104	2.14	.097	3	37	1.06	26	.16	2	1.46	.09	.15	2	320
DDH 70-1 220-225	17	2129	4	27	.4	20	16	235	3.69	5	5	ND	1	166	.3	2	2	98	1.93	.086	4	31	.92	45	.20	3	1.43	.14	.20	1	56
DDH 70-1 225-230	36	4706	4	42	.9	27	18	258	4.51	6	5	ND	1	78	.6	2	2	100	1.81	.103	4	36	.87	30	.17	4	1.24	.09	.17	1	125
DDH 70-1 230-236	42	3924	4	32	.8	20	19	267	4.68	4	5	ND	1	300	.5	2	2	101	1.87	.101	4	17	.71	46	.16	2	1.17	.18	.19	1	100
DDH 70-1 363-368	9	1443	2	17	.5	13	16	152	3.78	8	5	ND	1	82	.2	2	2	114	1.69	.127	6	16	.40	22	.16	4	.91	.05	.09	1	39
DDH 70-1 368-373	3	381	3	24	.2	10	11	459	3.69	3	5	ND	1	81	.2	2	2	118	1.99	.078	5	18	.79	32	.21	2	1.01	.07	.27	1	14
DDH 70-1 373-379	3	1346	5	19	.3	12	23	227	3.91	2	5	ND	1	123	.2	2	2	114	1.40	.112	5	19	.66	39	.21	2	.98	.05	.18	1	27
DDH 70-1 379-386.5	3	311	6	27	.1	8	11	545	3.91	5	5	ND	1	86	.2	2	2	123	2.18	.071	5	18	.91	30	.21	2	1.03	.08	.17	1	9

GEOCHEMICAL ANALYSIS CERTIFICATE

Cathedral Gold Corp. PROJECT 7101 File # 90-4514

800 - 601 W. Hastings St., Vancouver BC V6B 5A6 Submitted by: ALAN TAYLOR

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
D 53151	2	272	7	98	.2	28	16	1128	6.08	2	5	ND	1	199	1.3	2	2	161	6.40	.106	6	104	1.28	1019	.05	2	1.59	.02	.29	1	23
D 53152	2	753	3	9	.3	8	8	147	3.72	5	5	ND	8	29	.2	3	2	84	.95	.155	6	7	.09	32	.05	44	.41	.03	.06	1	220
D 53153	5	3739	5	29	.9	29	53	196	9.43	2	5	ND	2	48	.2	2	6	139	.58	.145	5	61	.28	27	.09	3	.91	.06	.07	1	310
D 53154	3	189	9	17	.1	10	7	192	3.43	4	5	ND	1	118	.2	2	2	83	.92	.137	7	9	.19	66	.08	16	.65	.05	.07	1	24
D 53155	2	484	2	33	.2	14	29	360	7.36	13	11	ND	12	57	.4	2	2	215	1.39	.235	14	12	.52	66	.14	5	.93	.04	.08	1	4
D 53156	3	1008	8	19	.1	13	25	201	5.40	2	5	ND	1	48	.2	2	7	233	1.28	.129	3	37	.62	25	.15	13	1.07	.14	.14	1	5
D 53157	12	4226	10	34	1.6	20	36	297	9.68	7	14	ND	2	17	.2	3	7	160	.86	.140	5	80	.18	10	.12	28	.44	.03	.05	2	20
D 53158	18	1015	2	37	.1	38	48	332	6.12	2	7	ND	1	53	.8	2	2	191	1.28	.081	3	34	1.75	78	.40	5	1.95	.06	.38	1	5
D 53159	7	1396	6	33	.3	55	35	228	3.26	5	5	ND	2	54	.4	2	2	67	1.43	.068	3	33	.85	17	.17	7	1.18	.04	.06	1	112
D 53851	2	125	8	50	.2	29	12	491	3.14	10	5	ND	1	19	.7	3	5	74	2.68	.051	4	32	.77	23	.30	14	2.39	.07	.02	1	3
D 53852	7	393	2	38	.3	40	23	174	3.19	2	5	ND	1	29	.7	3	2	47	1.24	.054	4	30	.24	7	.21	2	.86	.13	.02	1	10
D 53853	9	265	3	39	.2	45	23	231	4.01	2	5	ND	1	15	.2	2	7	68	1.03	.066	4	15	.25	11	.20	4	.66	.09	.04	1	18
D 53854	3	103	2	17	.2	12	10	138	2.43	3	5	ND	1	43	.5	2	4	26	.94	.063	4	8	.25	9	.23	2	.70	.09	.02	1	5
D 53855	16	66	2	54	.4	19	7	177	1.21	5	5	ND	1	99	.4	3	6	17	2.00	.053	5	10	.14	12	.15	2	1.69	.39	.06	1	8
D 53856	7	99	2	29	.3	44	19	266	3.37	3	5	ND	1	65	.2	2	4	39	1.86	.057	4	26	.23	11	.15	3	1.90	.22	.06	1	14
D 53857	5	213	2	39	.5	43	32	198	2.46	3	5	ND	1	56	.2	4	2	39	1.16	.028	2	21	.35	13	.19	2	1.27	.14	.03	1	7
D 53858	16	282	5	21	.1	69	45	223	3.70	2	5	ND	1	100	.4	2	2	95	1.39	.046	3	31	.38	20	.16	2	1.77	.24	.03	1	10
D 53859	4	118	6	44	.3	47	24	362	4.30	6	5	ND	1	42	.5	4	6	104	1.17	.049	2	47	1.00	28	.27	4	1.66	.11	.07	1	89
D 53860	7	116	5	25	.3	19	12	160	2.63	6	5	ND	1	118	.9	2	8	36	1.39	.057	3	24	.17	9	.24	3	1.05	.15	.03	1	11
D 53861	11	134	2	19	.1	39	20	197	3.81	3	5	ND	1	44	.2	2	2	58	.99	.060	3	31	.59	36	.26	2	1.03	.12	.10	1	8
D 53862	19	137	3	10	.1	49	22	133	3.39	32	6	ND	1	118	.6	3	6	44	1.76	.055	3	18	.21	9	.23	4	1.52	.16	.03	1	6
D 53863	10	144	8	20	.2	27	15	165	3.63	2	5	ND	1	38	.3	2	2	19	.77	.057	4	8	.15	10	.19	2	.41	.07	.02	1	3
STANDARD C/AU-R	19	60	37	130	7.0	72	32	1054	3.98	41	19	7	38	53	18.9	16	23	55	.52	.097	38	56	.91	183	.07	34	1.89	.06	.14	13	540

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

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

9400 E 9500 E 9600 E 9700 E 9800 E 9900 E 10000 E 10100 E 10200 E 10300 E 10400 E 10500 E

11000 N 10900 N 10800 N 10700 N 10600 N 10500 N 10400 N 10300 N 10200 N 10100 N 10000 N 9900 N 9800 N 9700 N 9600 N 9500 N 9400 N 9300 N

GRID NORTH

TRUE NORTH

40°

DAM

RONDAH CREEK

To Duckling Creek

OLD DRILL CAMP

CAMP

CORE

CAMP

PDH 71-8

PDH 71-9

DDH 70-2

DDH 70-3

DDH 70-4

DDH 70-5

DDH 70-1

53092

53083-53091

53075-53082

53067-53074

53065-53066

53063-53064

53057-53062

To Germansen Rd. 9 Km

To Germansen Landing 48 Km

LEGEND

- Road
- Stream
- Pond
- Cliff
- Ridge Crest
- Trench & Sample Numbers (Refer to Table 2 for Results)
- Au (ppb) / Cu (ppm) — Geochemistry
- Drill Hole: DDH – Core Diamond Drill Hole; PDH – Percussion Drill Hole (approx. position)
- Talus
- Geochemistry Contour: Au (ppb)
- Geochemistry Contour: Cu (ppm)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,000

CATHEDRAL GOLD CORPORATION

ATO

FIGURE 3 N.T.S. 93N/14

ATO GRID

GEOCHEMISTRY: AU / CU

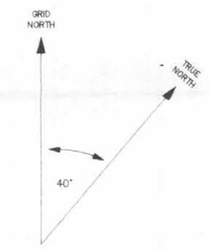
Metres 50 0 50 100 150 200 Metres

SCALE: 1:2500 GEOLOGIST: R.PESALJ, A.TAYLOR

DATE: OCTOBER 1990 DRAWN BY: S. HAWORTH

9400 E 9500 E 9600 E 9700 E 9800 E 9900 E 10000 E 10100 E 10200 E 10300 E 10400 E 10500 E

11000 N 10900 N 10800 N 10700 N 10600 N 10500 N 10400 N 10300 N 10200 N 10100 N 10000 N 9900 N 9800 N 9700 N 9600 N 9500 N 9400 N 9300 N



LEGEND

7750 Magnetometer: Gammas (Field Corrected)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,000

CATHEDRAL GOLD CORPORATION

ATO

FIGURE 4 N.T.S. 93N/14

ATO GRID

MAGNETOMETER SURVEY

(FIELD CORRECTED GAMMAS)

Metres 50 0 50 100 150 200 Metres

SCALE: 1:2500	GEOLOGIST: R.PESALJ, A.TAYLOR
DATE: OCTOBER 1990	DRAWN BY: S. HAWORTH