GEOLOGY AND GEOCHEMISTRY REPORT

on the

EST PROPERTY

CLAIMS:

WHI V	#3335	WHI VII	#3337
WHI VI	#3336	WHI VIII	#3338

Atlin Mining District

Northwestern B.C.

N.T.S. 104K/2

Latitude 58° 09' N
Longitude 132° 42' W

for

CATHEDRAL GOLD CORPORATION

by

SANDRA T. BISHOP

OCTOBER, 1989

SUMMARY

The results of the Geological Survey of Canada's 1987 geochemical reconnaissance program of the Tulsequah, B.C., area were released in July, 1988 (Open File #1647). The WHI V - VIII claims were staked to cover ground which had returned anomalous base and precious metal values in this survey area.

The WHI V - VIII claims are underlain by Pre-Upper Triassic intercalated sedimentary and volcanic units which have been intruded by Tertiary Sloko Group felsites and quartz monzonites. The 1989 work program included detailed prospecting, sampling and some geological mapping at a 1:10,000 scale.

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1.1 LOCATION AND ACCESS

The EST property is located on the 1:250,000 Tulsequah map sheet 104K, approximately 10 kilometers north of Whiting Lake (Figure 1).

Telegraph Creek lies approximately 100 kilometers to the east-southeast where helicopter transport is available. No roads exist into the property area and all field work was helicopter supported.

1.2 PHYSIOGRAPHY AND VEGETATION

The property lies in the Cheja Range of the Coast Mountains. Maximum elevation on the property is approximately 2125 metres A.S.L. The area is characterized by steep rugged terrain with relief on the order of 1500 metres.

Tree line in the area is generally about 1200 metres A.S.L., above this point slopes are generally bare or covered only with moss and small shrubs. Below this elevation the cover becomes quite dense with a mixture of large evergreens, cottonwoods and thick underbrush.

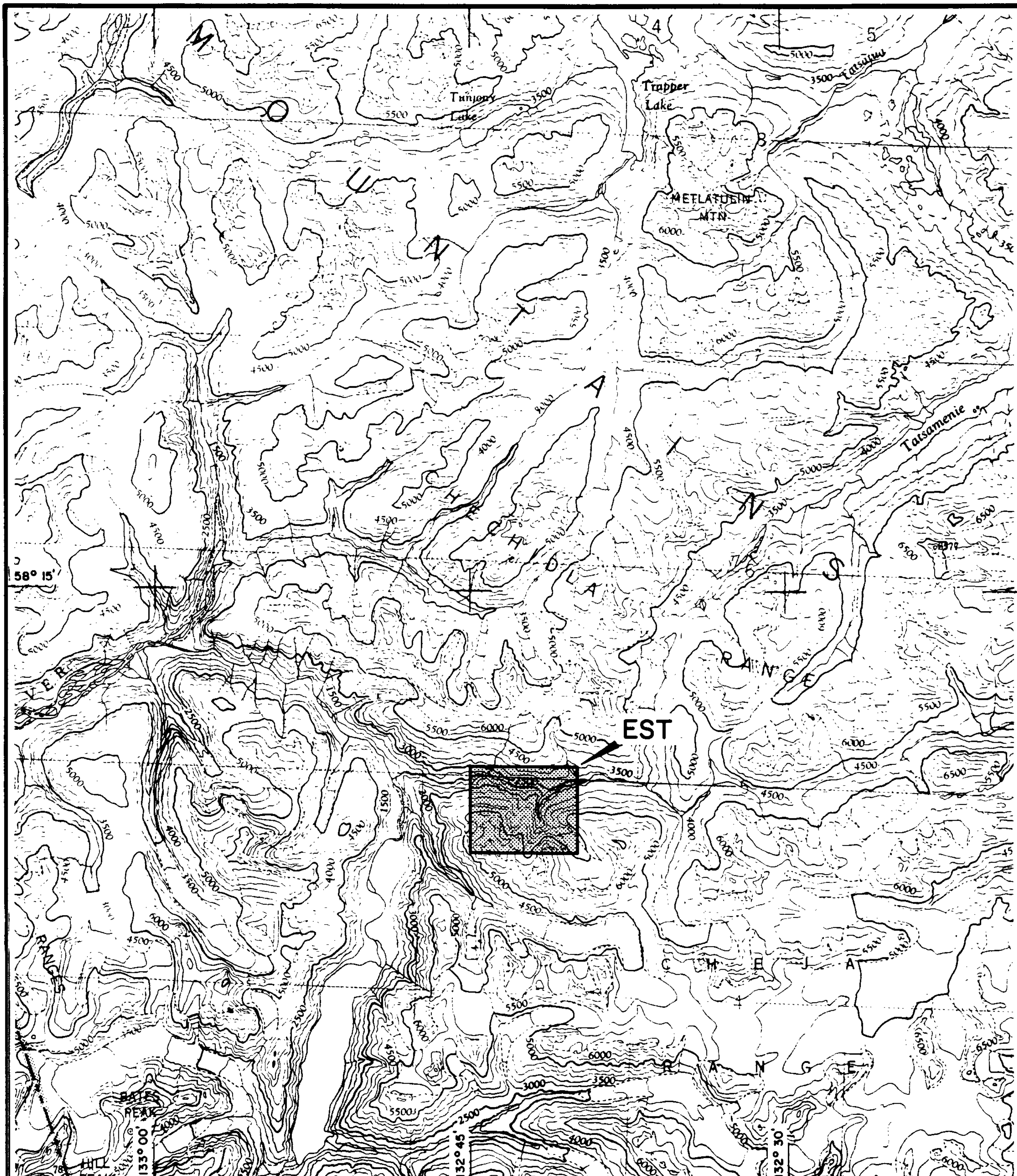
Outcrop exposure is good, especially above tree line, yet access by helicopter and on foot is limited due to the steep terrain, glacial ice or thick bush.

1.3 CLAIMS AND OWNERSHIP

The EST property consists of 4 claim blocks which are 100% owned by Cathedral Gold Corporation (Figure 2). The claims have been grouped and consist of the following:

Claim Name	Record Number	No. of Units	Expiry Date
WHI V	3335	20	August 11, 1990
WHI VI	3336	20	August 11, 1990
WHI VII	3337	20	August 11, 1990
WHI VIII	3338	20	August 11, 1990

Upon acceptance of this report, the claims will be in good standing until the above expiry date.



CATHEDRAL GOLD CORPORATION

EST

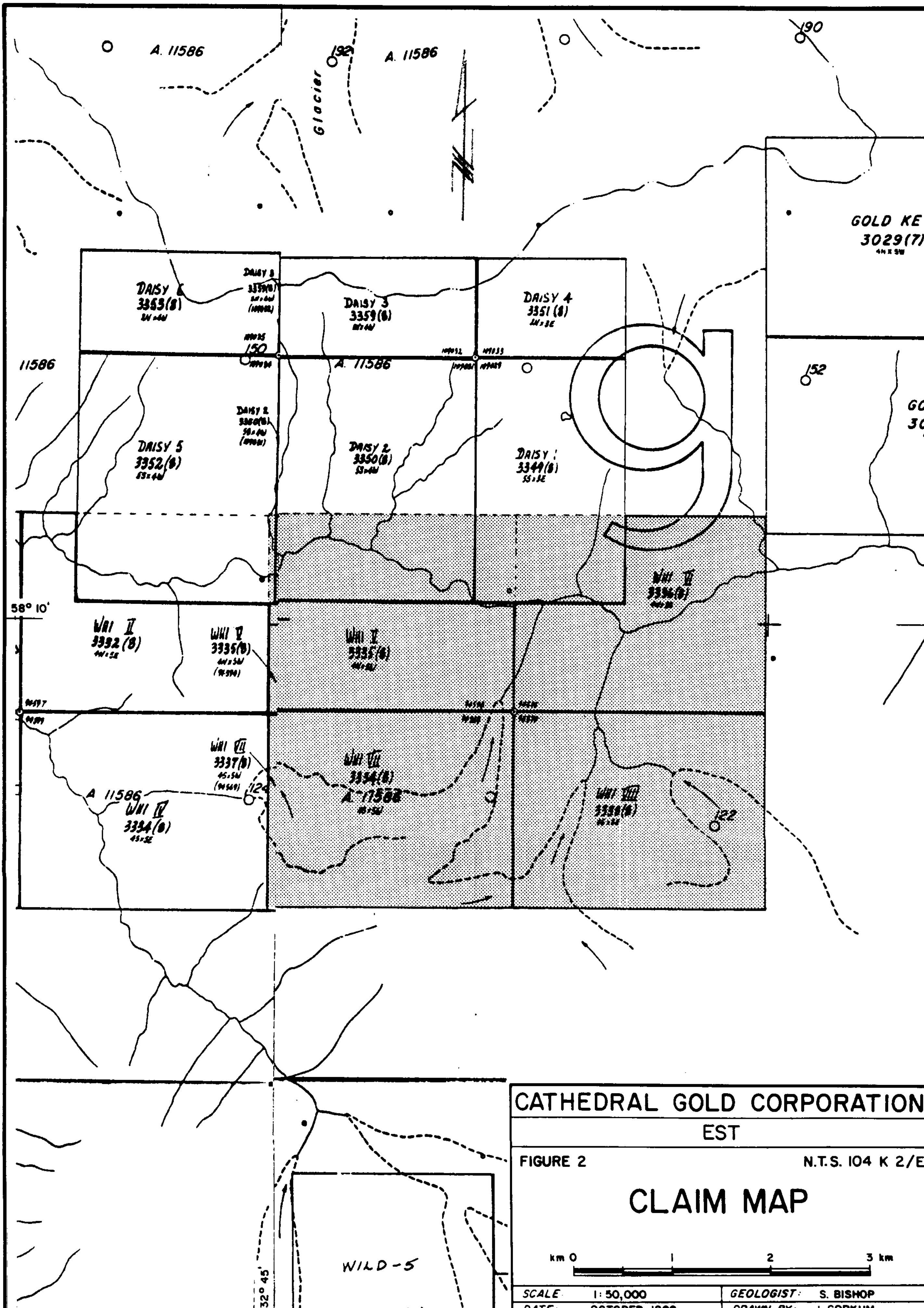
FIGURE I

N.T.S. 104 K 2/E

LOCATION MAP

km 0 5 10 15 km

SCALE:	1: 250,000	GEOLOGIST:	S. BISHOP
DATE:	OCTOBER, 1989	DRAWN BY:	J. CORKUM



CATHEDRAL GOLD CORPORATION

EST

FIGURE 2

N.T.S. 104 K 2/E

CLAIM MAP

km 0 1 2 3 km

SCALE:	1:50,000	GEOLOGIST:	S. BISHOP
DATE:	OCTOBER, 1989	DRAWN BY:	J. CORKUM

1.4 WORK COMPLETED AND SAMPLING TECHNIQUES

A helicopter supported fly camp was established on the WHI claims from which all work was completed. It was necessary to move the camp in order to access all of the terrain. A crew consisting of two geologists, S. Bishop and D. Johannessen, prospected, sampled and geologically mapped accessible portions of the 4 claim blocks between July 23 and July 27, 1989.Most of the work was conducted above tree line as there is only minimal exposure below that level.

A total of 50 rock samples and 10 silt or talus fine samples were collected from the EST property. The silts were collected along a reconnaissance contour line at approximately the 1100 meter elevation (Figure 3). Silt samples were taken where drainages permitted, or from the banks alongside of creeks. They were collected with a trowel from the finest silt possible at the location site and stored in kraft paper bags which were marked with an identifying number. Samples were dried before shipping. All rock samples were either chip or grab samples taken from outcrop or proximal float. All sample locations were flagged in the field (Figure 3).

The samples were shipped to Acme Labs in Vancouver, B.C., where they were analyzed for 30 elements by ICP methods. Gold was analyzed by atomic absorption to obtain an accurate ppb level (refer to Appendix 1).

1.5 ROCK SAMPLE DESCRIPTIONS

Note: S-1 = WHS - 89 - 1 in Appendix
D-1 = WHD - 89 - 1 in Appendix

S-1	Rusty quartz carbonate veinlets, pyrite
S-2	Rusty carbonate breccia scree
S-3	Quartz veinlets, pyrite, scree
S-20	Rusty sedimentary, minor quartz, pyrite
S-21	Rusty scree, pyrite, pyrrhotite
S-22	Rusty silicified sedimentary, quartz, pyrite
S-23	Rusty silicified sedimentary, quartz, pyrite
S-24	Rusty gouge
S-25	Rusty sheared gouge
S-26	Intensely silicified, sedimentary, pyrite
S-27	Intensely silicified, sedimentary, pyrite
S-28	Rusty, sedimentary, pyrite
S-29	Silicified zone, quartz, pyrite, scree
S-30	Grey quartz, pyrite, malachite, scree

S-31	Sedimentary with grey quartz vein.
S-32	Silicified rusty sedimentary
S-33	Hanging wall sedimentary, pyrite
S-34	Quartz vein
S-35	Rusty zone in sedimentary
S-36	Rusty sedimentary scree, pyrite
S-37	Quartz breccia, pyrite
S-38	Rusty silicified sedimentary
S-39	Rusty silicified sedimentary, pyrite
S-40	Rusty silicified sedimentary, quartz
S-41	Rusty silicified sedimentary, pyrite
S-42	Rusty silicified sedimentary, pyrite
S-43	Rusty silicified sedimentary, pyrite
S-44	Rusty silicified sedimentary, quartz, pyrite
D-2	Quartz vein, pyrite
D-3	Quartz veinlet in argillite, rusty
D-4	Rusty sedimentary, quartz and pyrite
D-5	Rusty sedimentary, pyrite
D-17	Silicified sediments, pyrrhotite
D-18	Sheared, silicified sedimentary, pyrrhotite
D-19	Rusty sedimentary, pyrite
D-20	Rusty sedimentary, pyrite
D-21	Rusty sedimentary, float
D-22	Rusty sedimentary, pyrite, pyrrhotite
D-23	Silicified, banded sedimentary, rusty, pyrite
D-24	Gossan
D-25	Slightly silicified sedimentary, pyrite and chalcopyrite
D-26	Sedimentary, pyrite
D-27	Gossan, float, pyrite
D-28	Rusty zone, silicified, pyrite, pyrrhotite
D-29	Quartz vein, pyrite
D-30	Quartz vein, pyrite
D-31	Banded sediments, rusty
D-32	Quartz vein, pyrite
D-33	Sedimentary
D-34	Sedimentary, pyrrhotite.

2.1 PROPERTY GEOLOGY

The WHI claims are largely underlain by Pre-Upper Triassic fine grained, clastic sediments and intercalated volcanic rocks which are intruded on the southwest by a Late Cretaceous to early Tertiary (Sloko Group) medium to coarse grained biotite hornblende quartz monzonite.

An aureal of intense hornfelsing was observed in the sedimentary package at the contact with the intrusive. Elsewhere, the sedimentary-volcanic assemblage exhibits moderate level metamorphism and small scale contorted folding, probably indicative of a more regional scaled folding.

Gabbro dykes, from 2 - 10 meters in width, were frequently observed. They consistently trend NE-SW and form a distinct roll in the topography. Minor quartz veins, varying from 1 cm to 30 cm in width occur within the Pre-Upper Triassic rocks.

2.2 GEOCHEMISTRY AND MINERALIZATION

The results of the prospecting revealed an overall lack of mineralization in the rocks examined on the property. The sedimentary-volcanic assemblage hosts minor zones of silicification with associated pyritization. These zones tend to occur adjacent to small mafic dykes or in the hornfelsed contact aureal surrounding the quartz monzonite stock.

The only other appreciable mineralization occurs in small quartz veins (<5 cm wide) either near the contact between the two units or in the Pre-Upper Triassic assemblage. Traces of pyrite, chalcopyrite, pyrrhotite or galena were observed in some veins.

50 rock samples were taken from the EST property where mineralization was encountered. 2 samples returned with significant anomalous gold values of 1920 and 4300 ppb. Rock descriptions corresponding to these two samples suggest that the mineralization is of a very limited extent.

10 silt or talus fine samples were collected along a reconnaissance traverse at the 1100 meter elevation. One of these talus samples returned with very anomalous values such as 2.3% Cu, 36.8 ppm Ag, 3370 ppb Au and a strong arsenic anomaly. This sample location coincides quite closely with the geochemical anomaly defined by the 1987 government survey.

2.3 CONCLUSIONS AND RECOMMENDATIONS

Although the WHI V - VIII claims cover extremely rugged terrain, the amount of exposure accessed during the 1989 work program was considered to be a fair presentation from which to evaluate the property's potential.

Only minimal mineralization of any type (silicification, veining, alteration due to hornfelsing) was observed and appears to be of a very limited extent. The majority of the rock units are not mineralized. The ground has been quite thoroughly inspected and no further work is recommended on this property.

3.1 COST STATEMENT

Transportation		
Helicopter 3.85 hrs @ $580/hr	$2,233	
Fuel 385L @ $0.75/L	289	
Truck 2 days @ $70/day	140	
Fuel for truck	150	$2,812
Wages		
Senior Geologist 7 days @ $200/day (S. Bishop, July 23-29, 1989)	1,400	
Junior Geologist 7 days @ $125/day (D. Johannessen, July 23-29, 1989)	875	2,275
Geochemistry		
50 rock @ $15/sample	750	
10 silt @ $12/sample	120	
Shipping	40	910
Accommodation		
14 man-days @ $40/day	560	
2 nights hotel @ $60/night (S. Bishop, D. Johannessen - July 23-29, 1989)	120	680
Expediting		50
Supplies		400
Report Preparation		
Senior Geologist 2 days @ $200/day (S. Bishop, Sept. 11, 12, 1989)	400	
Drafting & Typing	600	1,000
TOTAL		**$8,127**

3.2 STATEMENT OF QUALIFICATIONS

I, SANDRA T. BISHOP, residing at 3968 Commercial Avenue, Vancouver, in the Province of British Columbia hereby certify that:

(1) I received a B.Sc. (Geology) degree from the University of British Columbia, Vancouver, B.C. in May 1985.

(2) Since May 1983, I have worked on mineral exploration programs in British Columbia, Ontario, Yukon Territory and Northwest Territories.

(3) I am presently employed by Imperial Metals Corporation of Suite 800, 601 West Hastings Street, in the City of Vancouver, Province of British Columbia.

(4) I supervised and carried out most of the work conducted on the WHI V-VIII claims.

DATED this 8th day of November, 1989.

Sandra T. Bishop

3.3 BIBLIOGRAPHY

Souther, J.G., 1960, Geology: Tulsequah and Juneau, Map 1262A.

Souther, J.G., 1971, Geology and Mineral Deposits of the Tulsequah Map Area, B.C., Canada Geological Survey Memoir 362.

Webster, M.P., 1986, Noranda Exploration Company, Ltd. Geology and Geochemistry Report on the Wild 1-3 and 5-8 claims, Assessment Report #14366.

APPENDIX 1

SAMPLE PREPARATION AND ANALYSIS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 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-P3 ROCK P4 SILT AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 2 1989 DATE REPORT MAILED: Aug 9/89 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

IMPERIAL METALS CORPORATION PROJECT 8107/8108 File # 89-2630 Page 1

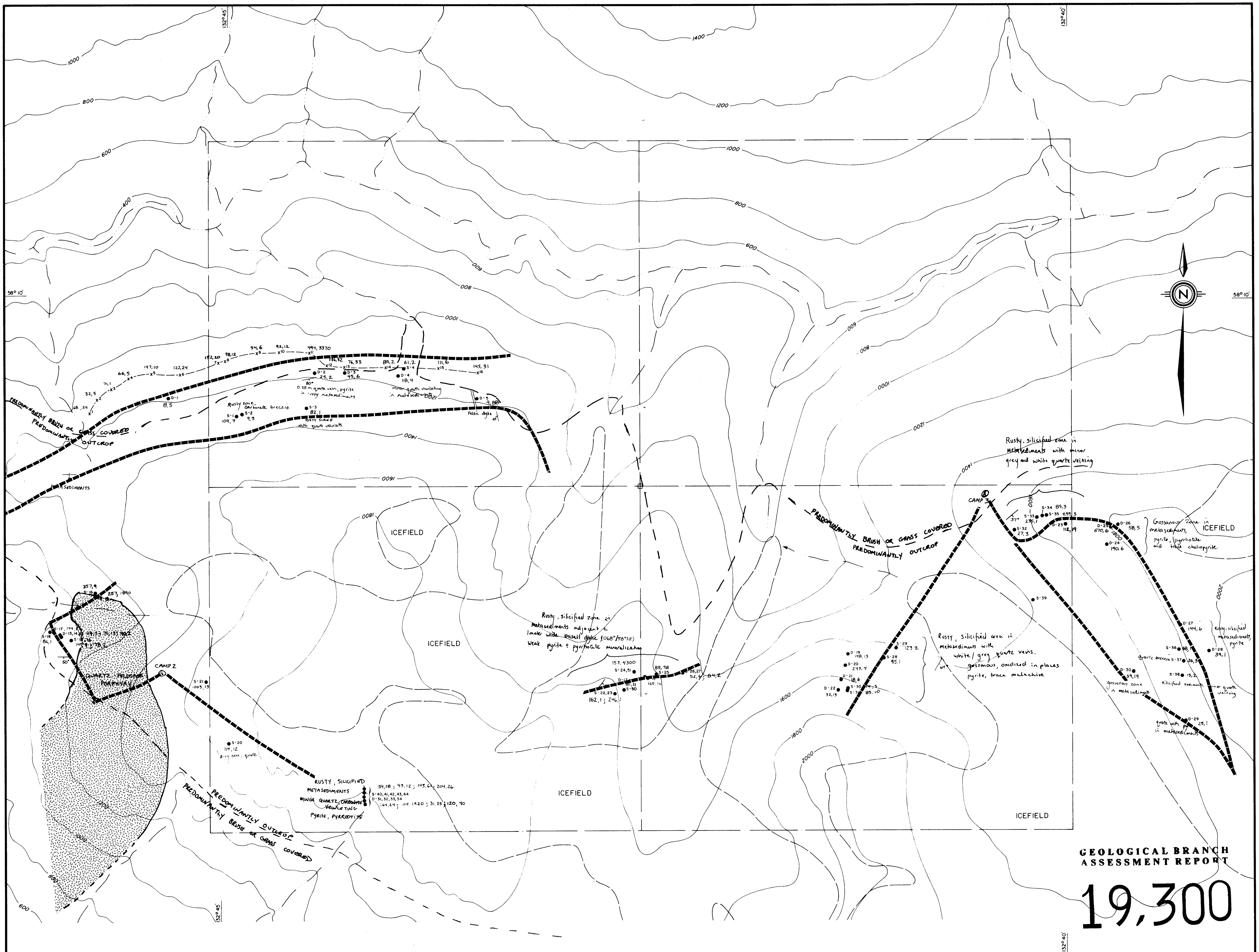
SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
WHD-89-1	1	8	7	26	.1	7	5	611	1.33	7	5	ND	1	131	1	2	2	19	4.36	.037	7	8	.29	165	.01	2	.37	.02	.07	1	5
WHD-89-2	2	25	5	19	.1	6	4	470	1.47	2	5	ND	1	46	1	2	2	12	2.61	.039	3	3	.22	55	.09	3	.55	.01	.11	2	2
WHD-89-3	2	45	8	70	.1	12	9	706	2.89	7	5	ND	1	20	1	2	2	23	.49	.044	6	11	.64	108	.11	2	1.41	.01	.23	1	6
WHD-89-4	3	18	3	10	.1	9	1	153	.40	2	5	ND	1	1	1	2	2	1	.02	.001	2	7	.01	4	.01	2	.05	.01	.01	1	4
WHD-89-5	4	9	331	137	.3	5	6	163	1.07	5978	5	ND	26	16	3	2	2	1	.25	.009	6	3	.01	60	.01	2	.26	.02	.14	1	88
WHD-89-6	30	35	4	25	.6	7	1	35	1.45	61	5	ND	1	19	1	2	2	7	.06	.017	4	8	.01	58	.02	2	.45	.01	.12	2	60
WHD-89-7	559	242	20	16	1.2	25	16	362	5.12	9	5	ND	1	108	1	2	2	20	1.08	.025	3	18	.43	53	.11	2	2.08	.10	.04	1	7
WHD-89-8	4	88	4	51	.1	13	9	416	3.72	6	5	ND	1	27	1	2	2	79	.25	.031	6	17	.84	73	.17	5	1.68	.07	.53	1	1
WHD-89-9	51	154	11	100	.4	22	12	392	5.35	16	5	ND	1	184	1	2	2	77	1.65	.088	6	15	1.51	57	.28	2	5.30	.23	1.44	1	1
WHD-89-10	1	1508	8	47	3.0	52	75	227	18.55	17	5	ND	1	115	1	3	126	18	1.47	.086	4	18	.23	29	.06	7	2.15	.16	.07	96	390
WHD-89-11	2	41	5	48	.1	12	8	433	3.69	10	5	ND	1	23	1	2	2	60	.25	.053	9	13	.64	129	.11	2	2.02	.05	.64	7	4
WHD-89-12	3	11	10	7	.1	7	1	49	1.04	12	5	ND	12	2	1	2	2	1	.01	.002	25	4	.01	12	.31	2	.16	.04	.08	2	3
WHD-89-13	8	119	28	31	.7	17	3	225	2.61	2	5	ND	1	62	1	2	2	20	.56	.035	3	13	.37	29	.08	2	1.76	.06	.05	1	3
WHD-89-14	33	71	16	63	.4	14	11	413	5.27	421	5	ND	4	39	1	2	2	62	.50	.031	9	15	1.26	85	.07	3	2.74	.05	.24	2	13
WHD-89-15	2	90	10	32	.2	16	10	432	3.51	5	5	ND	1	169	1	2	2	70	2.44	.070	3	16	.64	190	.13	3	4.47	.21	.18	2	2
WHD-89-16	3	857	5	17	1.2	42	36	100	13.93	5	5	ND	1	20	1	2	2	9	.32	.031	2	11	.02	25	.06	3	.64	.04	.13	1	9
WHD-89-17	1	81	8	23	.3	25	7	219	3.33	4	5	ND	1	174	1	2	2	74	2.96	.067	2	20	.40	100	.12	2	4.81	.11	.38	3	11
WHD-89-18	3	165	19	27	.5	12	14	149	3.08	5	5	ND	1	183	1	2	3	39	2.63	.063	2	12	.08	20	.10	2	4.18	.26	.08	3	16
WHD-89-19	2	148	18	76	.3	23	12	281	3.09	3	5	ND	1	23	1	2	2	77	.56	.052	7	27	.41	87	.20	2	1.07	.10	.33	1	13
WHD-89-20	2	243	30	379	1.0	28	21	256	2.75	10	5	ND	1	18	2	2	2	35	.61	.043	4	11	.19	35	.14	6	.62	.06	.06	1	4
WHD-89-21	3	18	4	15	.3	10	4	870	3.72	2	5	ND	1	223	1	2	2	9	16.45	.026	2	4	.01	13	.02	2	.55	.03	.01	3	6
WHD-89-22	6	32	2	25	1.2	21	8	816	8.43	2	5	ND	1	106	1	2	2	6	15.99	.014	2	6	.01	5	.02	2	.52	.04	.01	1	13
WHD-89-23	1	112	8	124	.2	21	22	278	2.33	2	5	ND	1	41	1	2	2	10	4.22	.029	2	8	.03	2	.07	2	.84	.08	.02	1	19
WHD-89-24	2	190	3	20	1.1	7	6	457	3.91	2	5	ND	1	15	1	2	2	54	1.35	.063	4	11	.33	15	.17	2	1.25	.02	.03	1	6
WHD-89-25	3	670	47	50	1.4	17	23	212	2.98	2	5	ND	1	12	1	2	3	29	2.38	.052	2	9	.08	3	.10	2	1.73	.02	.01	1	6
WHD-89-26	2	58	28	92	.2	13	12	516	3.90	4	5	ND	1	40	1	2	2	93	.69	.053	7	18	.82	58	.18	2	2.00	.10	.11	1	5
WHD-89-27	1	114	9	73	.5	5	11	1145	9.58	2	5	ND	1	17	1	2	2	65	2.96	.060	2	16	.35	68	.12	8	3.12	.09	.19	1	6
WHD-89-28	2	39	28	310	.7	23	7	603	3.90	2	5	ND	2	17	2	2	2	76	.65	.058	6	31	.55	19	.17	7	1.43	.05	.04	1	1
WHD-89-29	2	25	5	47	.3	11	3	356	2.63	2	5	ND	2	25	1	2	2	42	.67	.044	5	18	.41	31	.13	2	1.31	.07	.06	4	1
WHD-89-30	4	39	21	42	.6	37	6	406	3.30	5	5	ND	2	87	1	2	2	48	.97	.040	5	24	.53	112	.13	2	2.36	.13	.31	4	14
WHD-89-31	2	164	10	44	.5	29	16	177	3.22	15	5	ND	1	57	1	2	3	70	.92	.092	5	15	.45	34	.15	2	1.84	.12	.16	2	24
WHD-89-32	14	104	308	3276	5.8	11	2	69	1.03	5	5	ND	1	7	26	2	8	4	.05	.003	2	9	.02	11	.01	5	.17	.01	.03	1	1920
WHD-89-33	1	31	8	53	.1	8	5	281	3.45	73	5	ND	3	10	1	2	2	61	.29	.059	9	20	1.58	145	.16	26	2.35	.05	.71	1	25
WHD-89-34	2	120	7	151	.3	31	14	252	3.61	7	5	ND	1	63	2	2	2	100	1.15	.055	3	30	1.03	119	.16	2	2.72	.13	.53	2	40
WHS-89-1	1	109	2	37	.1	34	22	1002	5.52	52	5	ND	1	322	1	8	2	43	7.66	.055	4	11	1.73	53	.04	2	.45	.01	.17	1	7
WHS-89-2	1	9	2	27	.2	13	8	1300	5.52	41	5	ND	1	907	1	2	2	26	18.36	.007	2	10	1.99	66	.01	2	.43	.01	.03	1	3
STD C/AU-R	17	58	38	132	6.6	67	30	1045	3.98	41	21	7	38	50	18	15	18	59	.48	.092	39	55	.93	179	.07	36	1.97	.06	.13	13	510

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
WHS-89-3	1	82	2	25	.1	15	9	352	3.19	2	5	ND	1	50	1	2	2	30	.99	.063	3	23	.94	69	.11	5	1.28	.02	.16	1	1
WHS-89-4	4	61	2	13	.2	12	5	135	1.64	3	5	ND	1	78	1	2	2	26	.48	.032	2	9	.15	36	.17	3	.57	.02	.06	1	2
WHS-89-5	1	18	28	40	.5	7	4	409	1.86	24	5	ND	2	11	1	2	2	29	3.37	.015	4	26	.40	12	.04	3	2.87	.01	.03	2	610
WHS-89-6	3	60	14	36	.5	8	7	257	2.31	17	5	ND	1	82	1	2	2	27	3.98	.049	2	12	.16	5	.12	7	2.64	.01	.01	3	4
WHS-69-7	2	49	5	8	.3	21	4	31	1.95	5	5	ND	2	20	1	2	2	7	.23	.020	3	27	.01	54	.04	4	.57	.02	.10	1	2
WHS-89-8	4	16	57	26	.8	21	3	31	2.24	51	5	ND	1	4	1	2	2	4	.06	.004	2	8	.01	36	.01	5	.23	.01	.11	2	77
WHS-89-9	8	70	5	20	.4	15	14	273	3.95	2	5	ND	4	57	1	2	2	71	.52	.092	7	30	.69	82	.20	3	1.23	.05	.15	2	10
WHS-89-10	4	169	12	11	.5	14	19	70	2.32	7	5	ND	4	14	1	2	2	38	.35	.047	11	11	.14	48	.15	11	.29	.06	.13	2	1
WHS-89-11	3	4	12	7	.1	6	1	162	1.30	5	5	ND	19	2	1	2	2	1	.02	.003	20	34	.01	14	.01	5	.18	.04	.09	1	5
WHS-89-12	4	9	18	15	.2	11	1	35	1.22	8	5	ND	18	2	1	2	2	1	.01	.005	24	12	.01	16	.01	6	.25	.05	.09	2	1
WHS-89-13	16	24	11	64	.1	6	10	295	5.18	3	5	ND	4	59	1	2	2	80	.78	.251	25	11	1.11	29	.19	15	1.45	.07	.66	2	1
WHS-89-14	17	6	14	25	.1	7	1	102	2.06	2	5	ND	19	4	1	2	2	5	.05	.034	23	36	.14	88	.02	2	.38	.04	.17	1	1
WHS-89-15	5	147	467	415	.9	11	21	855	5.64	1339	8	ND	8	6	3	2	2	42	.25	.027	25	16	.90	28	.01	2	1.92	.01	.09	1	9
WHS-89-16	4	78	4802	2233	2.3	5	3	494	3.53	163	5	ND	12	19	9	2	2	30	.87	.031	25	24	.40	41	.01	2	1.28	.02	.14	1	2
WHS-89-17	1	144	39	64	.8	10	16	624	6.47	33	5	ND	1	78	1	2	2	151	1.58	.086	2	19	1.31	76	.17	9	3.53	.13	.15	1	1
WHS-89-18	42	96	69	24	.5	9	1	119	1.32	10	5	ND	1	11	1	2	3	12	.12	.005	2	54	.13	29	.08	2	.35	.03	.02	1	1
WHS-89-19	1	257	7	11530✓	3.2	9	8	338	4.49	107	5	ND	3	23	259	2	4	64	.23	.042	4	18	.86	64	.09	4	1.84	.05	.60	1	1890
WHS-89-20	2	114	44	349	.5	7	7	894	2.30	4	5	ND	1	31	2	2	3	41	4.69	.106	3	31	.53	21	.08	3	.93	.02	.05	1	12
WHS-89-21	1	1003	2	83	1.1	28	57	92	9.06	2	5	ND	1	25	1	2	10	24	1.08	.017	2	15	.27	3	.04	4	1.72	.02	.03	1	13
WHS-89-22	10	162	4	199	.4	48	18	260	5.41	15	5	ND	1	128	1	2	3	68	5.11	.169	21	60	.18	18	.19	12	3.79	.04	.03	2	1
WHS-39-23	2	246	8	330	.9	105	40	107	6.62	25	5	ND	3	225	1	2	2	76	6.02	.244	26	87	.65	22	.32	10	6.60	.02	.05	1	1
WHS-89-24	1	153	8	36	1.4	14	13	286	7.10	1958	5	3	1	109	1	2	49	53	1.13	.037	3	38	.57	47	.11	2	2.32	.14	.08	1	4300
WHS-89-25	26	95	11	54	.5	7	9	113	11.06	20891✓	5	ND	2	10	1	8	2	29	.10	.041	5	20	.07	45	.02	2	.61	.01	.13	1	98
WHS-89-26	7	52	12	26	.2	25	15	105	3.07	23	5	ND	3	74	1	2	2	13	2.82	.039	3	12	.02	29	.02	5	3.93	.15	.02	2	6
WHS-89-27	3	84	14	23	.3	15	12	101	3.24	14	5	ND	1	201	1	2	2	23	3.73	.042	2	27	.03	56	.04	3	4.71	.14	.02	3	2
WHS-89-28	2	95	17	92	.5	19	13	405	3.41	3	5	ND	2	30	1	2	2	53	.29	.026	4	15	.40	114	.17	7	1.08	.05	.32	1	1
WHS-89-29	1	123	17	202	.5	45	21	555	6.31	9	5	ND	1	106	1	2	2	96	2.05	.097	12	44	1.07	50	.12	4	3.64	.05	.15	1	2
WHS-89-30	2	14	4	22	.4	16	5	142	3.68	3	5	ND	2	171	1	2	2	15	1.11	.046	3	11	.26	51	.03	11	1.63	.18	.06	1	3
WHS-89-31	3	85	8	25	.4	18	10	212	5.36	2	5	ND	1	72	1	2	2	20	2.88	.025	2	29	.15	50	.06	5	1.54	.06	.08	1	10
WHS-89-32	2	27	3	7	.1	6	1	136	2.49	2	5	ND	1	12	1	2	3	19	.36	.065	3	12	.10	8	.16	2	.27	.04	.02	1	3
WHS-89-33	2	235	10	79	.5	25	36	144	8.03	2	5	ND	7	256	1	2	2	88	4.11	.581	14	10	.19	58	.10	14	4.59	.12	.12	1	1
WHS-89-34	3	85	6	12	.6	11	2	98	1.34	2	5	ND	1	18	1	2	2	13	.38	.078	2	9	.07	8	.02	5	.34	.01	.02	1	3
WHS-89-35	1	259	8	25	.5	16	28	252	5.60	2	5	ND	1	110	1	2	2	39	3.00	.042	2	28	.17	11	.11	6	3.94	.07	.06	1	3
WHS-89-36	2	68	7	60	.1	10	6	632	4.78	11	5	ND	2	28	1	2	3	64	2.56	.042	5	22	.83	33	.14	7	3.28	.06	.15	1	1
WHS-89-37	2	36	19	193	.5	31	8	437	3.56	2	5	ND	2	56	1	2	2	43	1.73	.027	3	35	.21	34	.06	2	.90	.07	.10	1	3
WHS-89-38	4	15	6	55	.3	9	1	338	1.97	2	5	ND	2	3	1	2	3	41	.12	.025	3	21	.27	14	.08	3	.48	.03	.02	1	2
STD C/AU-R	17	59	39	132	6.6	68	30	1044	4.14	43	22	7	38	50	18	14	21	59	.50	.090	39	55	.86	180	.07	36	1.98	.06	.13	11	510

✓ - ASSAY REQUIRED FOR CORRECT RESULT -

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
WHS-89-39	1	67	21	154	.2	10	9	391	3.35	2	5	ND	1	200	1	2	2	53	3.33	.062	4	29	.67	63	.08	7	5.37	.18	.18	1	2
WHS-89-40	3	54	16	51	.2	12	4	238	2.69	6	5	ND	5	32	1	2	2	39	.71	.041	7	10	.27	85	.07	10	1.52	.07	.15	1	18
WHS-89-41	2	43	7	43	.2	13	6	317	3.69	21	5	ND	2	61	1	2	2	71	.34	.042	3	18	.46	207	.09	13	1.26	.04	.12	4	12
WHS-89-42	1	142	8	125	.2	18	17	874	9.83	16	5	ND	1	124	1	3	2	223	2.11	.174	7	26	1.44	68	.18	3	3.00	.11	.33	1	61
WHS-89-43	1	204	15	100	.4	22	24	384	7.15	56	5	ND	1	54	1	2	2	233	1.42	.181	6	23	1.37	34	.18	3	3.06	.14	.58	1	26

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
WSI-A1	1	68	26	72	.1	9	15	942	2.92	29	5	ND	3	13	1	2	2	44	.25	.051	19	12	.44	65	.10	2	2.00	.01	.08	1	24
WSI-A2	2	32	13	66	.1	5	5	294	2.56	21	5	ND	1	25	1	2	2	52	.42	.040	9	12	.45	53	.15	9	1.67	.01	.09	1	5
WSI-A3	1	71	7	105	.1	9	13	958	4.17	29	5	ND	1	22	1	2	2	63	.53	.059	5	17	1.06	115	.18	32	1.98	.01	.26	1	1
WSI-A4	2	66	22	33	.1	8	12	856	3.95	34	5	ND	2	29	1	2	2	56	.56	.053	5	12	.96	33	.16	2	1.35	.01	.26	10	5
WSI-A5	1	147	17	150	.3	17	20	1762	5.50	133	5	ND	1	24	1	2	2	69	.35	.068	11	21	1.08	113	.12	2	2.20	.01	.25	1	10
WSI-A6	2	122	27	133	.2	19	19	1715	5.29	144	5	ND	1	21	1	2	2	54	.24	.069	15	19	1.00	37	.09	2	2.15	.01	.14	6	24
WSI-A7	7	152	29	194	.2	22	24	3559	8.61	235	5	ND	1	15	1	2	3	50	.15	.078	19	20	.58	56	.03	11	2.27	.01	.07	1	20
WSI-A8	1	98	22	115	.4	16	15	1141	4.78	272	5	ND	2	44	1	3	2	55	.42	.080	15	20	.96	75	.07	2	1.97	.01	.11	1	12
WSI-A9	1	54	17	78	.2	11	9	462	2.97	313	5	ND	1	104	1	2	2	44	.97	.103	13	21	.67	61	.06	3	2.00	.01	.09	2	6
WSI-A10	1	92	27	132	.3	18	16	1380	4.56	126	5	ND	1	22	1	2	2	41	.33	.070	13	23	.94	67	.06	3	1.65	.01	.11	1	12
WSI-A11	4	494	23674	1764	36.8	5	23	745	18.61	34449	9	ND	1	9	78	33	7	20	.14	.073	11	8	.41	49	.01	2	1.45	.01	.06	6	3370
WSI-A12	3	136	78	154	.4	21	21	1631	5.80	287	5	ND	1	84	1	2	2	78	.73	.084	17	33	1.19	95	.08	2	2.46	.01	.15	2	32
WSI-A13	2	76	177	124	.1	17	15	875	4.72	273	5	ND	1	34	1	2	2	61	.50	.063	11	38	1.07	69	.10	4	2.02	.01	.13	1	33
WSI-A14	1	89	29	126	.2	14	16	1281	4.53	110	5	ND	2	40	1	2	2	64	.53	.081	20	19	.91	37	.09	2	2.10	.01	.13	1	2
WSI-A15	1	111	29	113	.2	24	21	1369	4.95	119	5	ND	1	34	1	2	2	71	.52	.103	10	51	1.41	65	.12	2	2.00	.01	.21	1	6
WSI-A16	10	145	41	150	.1	20	23	2233	6.42	305	6	ND	1	15	1	2	2	63	.17	.100	22	27	.31	79	.07	2	2.62	.01	.09	1	31
STD C/AU-S	17	61	45	134	6.6	68	31	1007	4.16	42	22	8	37	50	19	15	18	50	.50	.094	39	55	.85	182	.07	35	1.84	.06	.13	11	52



LEGEND

□	Claim Post		Contour		Strike, Dip of Bedding and Quartz Veins
	Claim Boundary	153,27 ● S-24	Sample Location - Copper (ppm), Gold (ppb)		Geological Contact; Observed, Inferred
	Creek		NOTE: All rock sample numbers are prefixed "WH," i.e.: WHD-89-__ WHS-89-__		
	Icefield				
	Traverse Route	89,2 x[14]	Soil/Silt Sample Location - Copper (ppm), Gold (ppb)		

CRETACEOUS/TERTIARY

Felsite - Quartz Feldspar Porphyry

PRE UPPER TRIASSIC

Fine Grained Clastic Sediments and Intercalated Volcanic Rocks, Largely Altered to Greenstone and Phyllite

CATHEDRAL GOLD CORPORATION

EST

FIGURE 3 — N.T.S. 104K 2/E

WHI V - VIII CLAIMS

GEOLOGY, SAMPLE LOCATION AND COPPER, GOLD GEOCHEMISTRY

metres 0 200 400 600 800 1000 metres

SCALE:	1:10 000	GEOLOGIST:	S. BISHOP
DATE:	OCTOBER, 1989	DRAWN BY:	J. C./S.B.