12/85

Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
Geochemical Sampling	$33.00

AUTHOR(S) A.M.S. Clark SIGNATURE(S)

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED YEAR OF WORK 1984

PROPERTY NAME(S) Mount Whymper

COMMODITIES PRESENT —

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN —

MINING DIVISION Victoria NTS 92C/16E

LATITUDE 49°57'N LONGITUDE 124°12'W

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

Whymp #1 (18 units)
Grouped
Whymp #2 (20 units)

OWNER(S)

(1) Imperial Metals Corporation (2)

MAILING ADDRESS

#1300-409 Granville Street
Vancouver, B.C. V6C 1T2

OPERATOR(S) (that is, Company paying for the work)

(1) Imperial Metals Corporation (2)

MAILING ADDRESS

#1300-409 Granville Street
Vancouver, B.C.
V6C 1T2

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

Middle Pennsylvanian Sicker Group sediments, Upper Triassic Karmutsen basaltic volcanics and Jurassic Island Intrusions (Muller, 1977).

REFERENCES TO PREVIOUS WORK Muller, J.E., 1977. Geology of Vancouver Island Geol. Surv. Canada, Open File 463

(over)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground			
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ....)			
Soil	69	Whymp #1 and Whymp #2	No
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)			
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
		TOTAL COST	$3,300.00

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)				
Value of work approved				
Value claimed (from statement)				
Value credited to PAC account				
Value debited to PAC account				
Accepted ..... Date	Rept. No.			Information Class

84-1296-13333

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SUMMARY

A total of 69 soil samples were collected along contour lines on hillsides adjacent to the head of the Chemainus River. Samples are weakly to moderately anomalous in gold, arsenic, copper and zinc. Further work is required.

INTRODUCTION

Objectives :

A previous regional stream-silt sampling program had indicated silt samples with anomalous values of gold, copper, silver, arsenic and zinc from streams draining the area of the claims. This program was designed to determine, in more detail, the source of the regional anomalous samples.

Location :

The Whymp #1 and #2 claims are situated approximately 30 kms southwest of Nanaimo at the headwaters of the Chemainus River on Mt. Whymper (Figures 1 and 2).

The property consists of 2 adjoining claims.

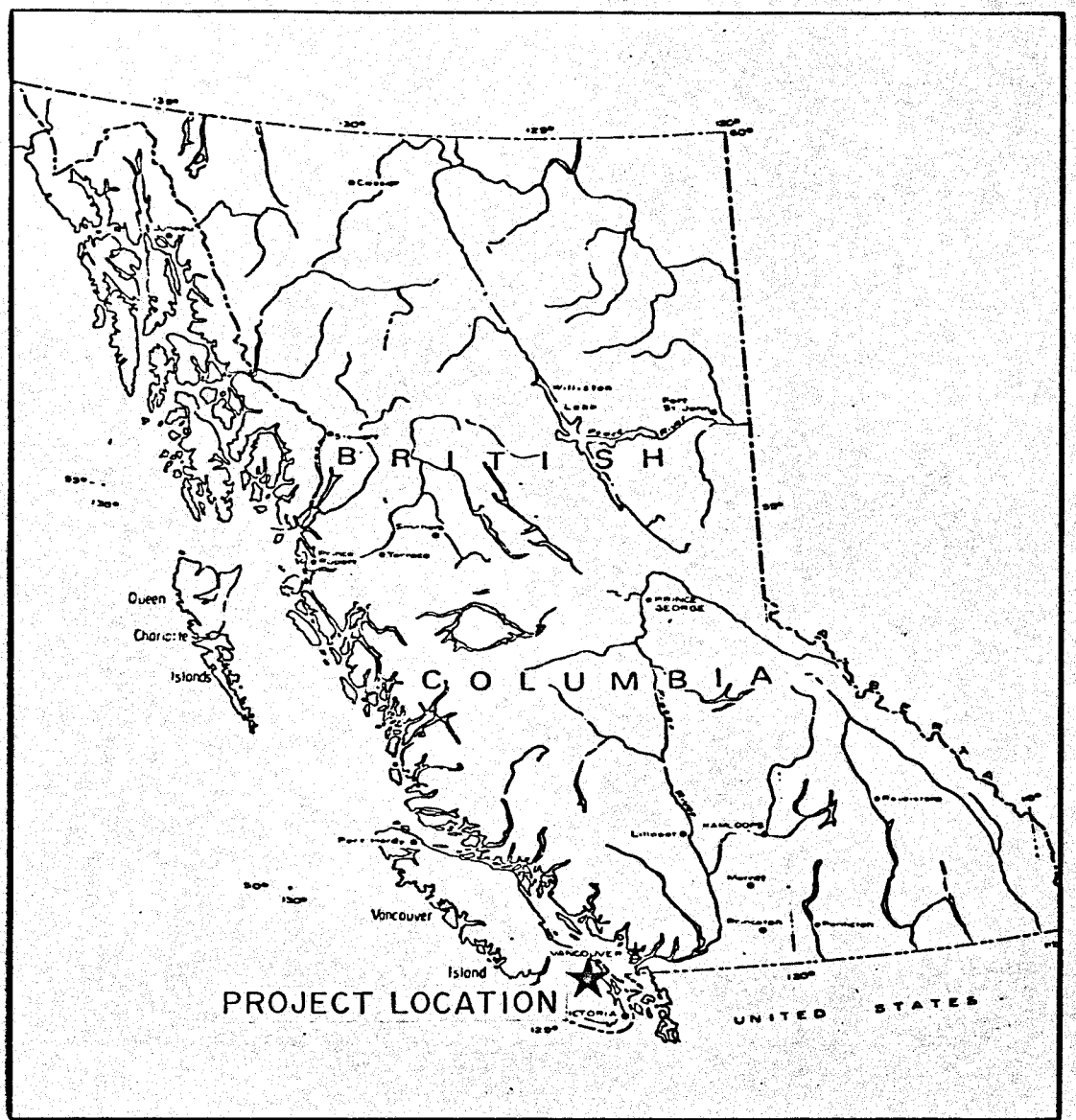
Name	Units	Record No.
Whymp #1	18	1150
Whymp #2	20	1151

Access :

Access is by logging road (Macmillan-Bloedel Ltd.) from South Wollaston, south of Nanaimo, along the Nitinat road then down the Nanaimo River turn-off to the south to Jump Lake.

Operations :

The program was undertaken from Nanaimo on a daily basis on July 22 and from October 8 - 11, 1984.



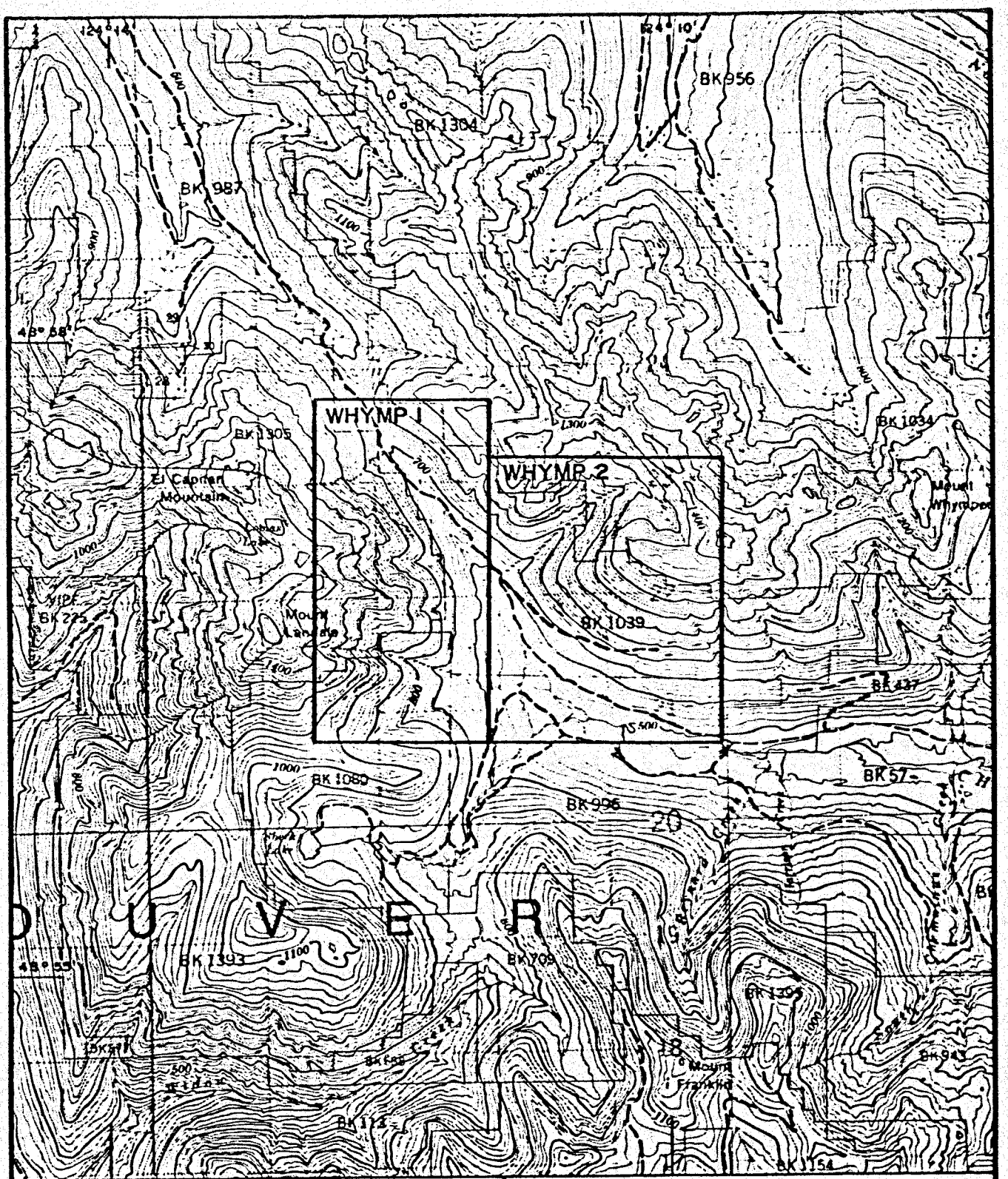
IMPERIAL METALS CORPORATION

MT. WHYMPER

FIGURE 1

LOCATION MAP

SCALE:	GEOLOGIST: A. CLARK
DATE: NOVEMBER 1984	DRAWN BY: S. HAWORTH



IMPERIAL METALS CORPORATION

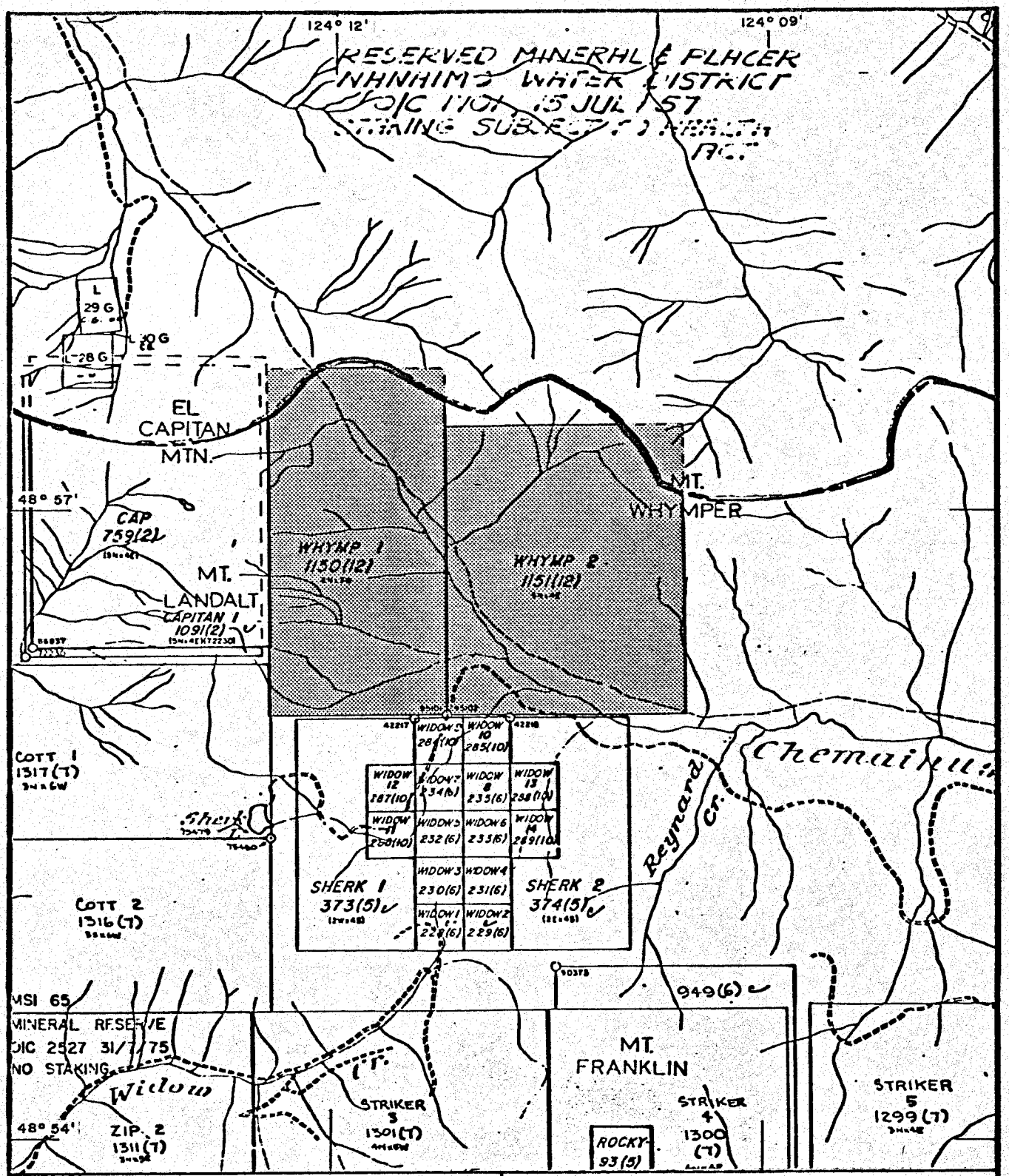
MT. WHYMPER

FIGURE 2 N.T.S. 92C/16E

TOPOGRAPHIC MAP

Km 1 0 1 2 Km

SCALE: 1:50 000	GEOLOGIST: A. CLARK
DATE: NOVEMBER 1984	DRAWN BY: S. HAWORTH



IMPERIAL METALS CORPORATION

MT. WHYMPER

FIGURE 3 N.T.S. 92C/16E

CLAIM MAP

Km 1 0 1 2 Km

SCALE: 1:50 000	GEOLOGIST: A. CLARK
DATE: NOVEMBER 1984	DRAWN BY: S. HAWORTH

Physiography :

Topography is steep and heavily wooded, except where logging has been completed. The claims extend from one ridge-crest across a valley to another ridge-crest, from about 550m to 1500m above sea level.

ITEMIZED COST STATEMENT

Stream Sampling		
1 man @ $110/day for 4 days		$ 440
1 man @ $ 75/day for 4 1/2 days		335
Chemical Analyses		
69 samples for ICP and Au by AA @ $12.10/sample		835
Supervision		
1 man @ $250/day for 1 day		250
Truck Rental for 5 days @ $24/day		120
Mileage, gas and insurance costs		50
Board and Lodging		
9 man days @ $60/man days		540
Mobilization/Demobilization		300
	SUB-TOTAL	$ 2,870
Report writing, drafting, and overhead costs 15%		430
	TOTAL	$ 3,300

PREVIOUS WORK

Published :

In 1977 Muller published an open-file report on the geology of Vancouver Island.

Assessment :

No previous assessment work is known for the area of the Whymp claims.

GEOLOGY

According to Muller the property is underlain by Middle Pennsylvanian Sicker Group Sediments and Upper Triassic Karmutsen basaltic volcanics, intruded by the Jurassic Island intrusions of granodioritic to quartz dioritic composition. The property was not geologically mapped at the time of the soil sampling.

SAMPLE COLLECTION AND ANALYSIS

Samples of soil were collected from the B-hroizon where this could be distinguished. The B-horizon was taken to be the first reddish soil horizon below the grey surficial horizon of soil. Locally, because of the steep terrain no soil horizons, as such, were developed, and soils had to be collected from "pore" spaces between boulders, at depths from surface (excluding the humic horizon) to about 40 cms depth.

Analysis was by induction coupled plasma method for 30 elements, and by atomic absorption for gold. The method employed by the laboratory and the elements and results are given in Appendix 1. The elements considered of significance in this program (with their assumed anomalous thresholds) are:

Element	Threshold
Copper	50 ppm
Zinc	100 ppm
Silver	1 ppm
Arsenic	25 ppm
Barium	200 ppm
Gold (AA)	25 ppb

DISCUSSION OF RESULTS

Results of the soil sampling (Figures 4, 5 & 6) indicate anomalous values of gold and arsenic on the mountain side to the north east of the Chemainus River, as well as to the west at the head of the river. The anomalous values for gold are around 25 to 35 ppb, but three high values (70, 85 and 260 ppb) occur, though not together. Anomalous arsenic is more widely spread than the gold, with more arsenic anomalies to the north whereas there are more gold anomalies to the south. Past mining activity to the northwest could be a contaminant to some of these samples.

Copper anomalies are very strongly distributed on the hillside east of the Chemainus River, in both the northern and southern sampling areas, whereas zinc anomalies only occur in the southern area.

These results indicate further follow up, particularly geological mapping in detail and soil sampling, are necessary.

REFERENCES

Muller, J.E., 1977. Geology of Vancouver Island. Geological Survey Canada, Open File No. 463.

CERTIFICATE

I, Anthony Miles Stapleton Clark, geologist, residing at 2988 Fleet Street, in the Municipality of Coquitlam, Province of British Columbia, hereby certify that:

1. I received a Bachelor of Science degree in geology from the University of Cape Town, Cape Town, South Africa, in 1963, and a Doctor of Philosophy degree in geology from the Memorial University of Newfoundland, St. John's, Newfoundland in 1974.

2. I have been practising my profession as an exploration geologist since 1963.

3. I am a registered Professional Geologist of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

4. I am a Fellow of the Geological Association of Canada and a Member of the Society of Economic Geologists.

5. I am employed by Imperial Metals Corporation of 1300 - 409 Granville Street, in the City of Vancouver, Province of British Columbia.

6. The work described in this report was undertaken under my direct supervision.

_____ day of October, 1984

Vancouver, British Columbia

A.M.S. Clark, Ph.D., FGAC, MSEG
Senior Geologist

APPENDIX 1

ANALYTICAL RESULTS

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

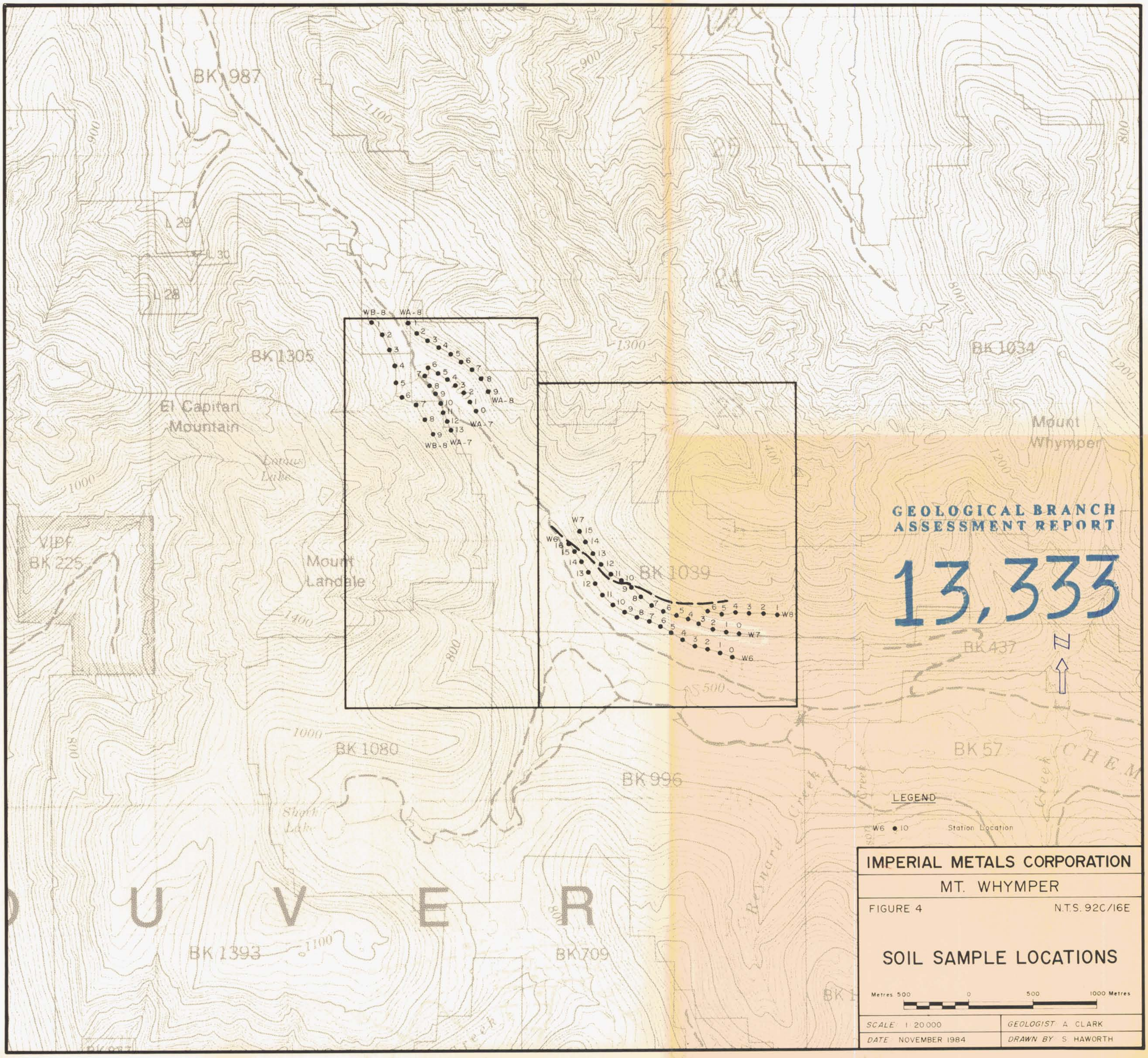
.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR Mn,Fe,Ca,P,Cr,Mg,Ba,Ti,B,Al,Na,K,W,Sr,Zr,Ce,Sn,Y,Nb and Ta. Au DETECTION LIMIT BY ICP IS 3 ppb.
- SAMPLE TYPE: SOILS Au* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 12 1984 DATE REPORT MAILED: Oct 17/84 ASSAYER: A. Leigh. DEAN TOYE, CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT # 4007 FILE # 84-2997 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
M6 0	2	69	12	96	.5	36	18	1204	4.45	5	5	ND	2	23	1	2	2	107	.45	.19	9	86	.94	25	.66	6	2.62	.01	.02	2	5
M6 1	1	203	8	86	.2	67	20	788	5.33	7	5	ND	2	21	1	2	2	132	.49	.22	9	119	1.78	30	.55	7	4.18	.01	.02	2	5
M6 2	2	160	9	78	.2	55	19	851	4.91	8	5	ND	2	27	1	2	2	126	.51	.11	9	104	1.49	32	.76	7	3.24	.02	.02	2	15
M6 3	2	149	8	109	.1	64	19	647	5.48	4	5	ND	2	23	1	2	2	138	.39	.16	9	114	1.60	24	.80	9	4.15	.01	.02	2	5
M6 4	1	218	4	77	.1	64	18	642	5.26	5	5	ND	2	26	1	2	2	146	.44	.07	9	118	1.75	38	.87	6	3.84	.01	.02	2	15
M6 5	1	49	11	56	.2	24	7	780	3.57	5	5	ND	2	22	1	2	2	98	.46	.15	6	65	.66	26	.58	9	1.78	.01	.03	2	5
M6 6	2	181	10	80	.1	59	18	1109	5.20	2	6	ND	2	25	1	2	2	134	.60	.09	9	117	1.67	33	.71	7	3.44	.01	.03	2	5
M6 7	2	115	7	86	.1	42	15	1473	4.89	2	5	ND	2	26	1	2	2	119	.57	.18	8	89	1.14	37	.62	8	2.91	.01	.01	2	85
M6 8	1	133	7	81	.1	43	17	1368	5.20	8	5	ND	2	19	1	2	2	127	.31	.10	12	81	.95	120	.23	21	3.49	.01	.05	2	15
M6 9	2	210	6	73	.1	58	18	673	5.25	2	5	ND	2	28	1	2	2	139	.51	.08	9	105	1.69	51	.75	8	3.67	.01	.04	2	20
M6 10	2	174	8	80	.1	56	18	786	5.09	8	6	ND	2	28	1	2	2	133	.52	.11	9	108	1.51	33	.80	8	3.39	.02	.02	2	15
M6 11	3	181	8	81	.1	57	20	883	5.04	16	5	ND	2	33	1	2	2	138	.56	.08	11	102	1.49	64	.62	11	4.08	.02	.04	2	5
M6 12	3	116	10	84	.2	55	15	530	5.79	18	5	ND	2	24	1	2	2	150	.50	.13	10	120	1.26	30	.81	10	4.24	.02	.02	3	5
M6 13	2	156	9	53	.1	39	13	775	3.72	15	6	ND	2	23	1	2	2	105	.52	.10	7	85	.81	33	.51	11	3.49	.02	.03	2	5
M6 14	4	155	15	130	.5	62	16	532	7.26	35	5	ND	2	23	1	2	2	230	.40	.10	11	162	1.07	26	.88	6	4.33	.01	.03	2	5
M6 15	2	78	7	70	.1	28	14	730	4.51	6	5	ND	2	27	1	2	2	160	.55	.06	9	73	.70	29	.67	5	2.32	.01	.02	2	5
M6 16	4	89	12	83	.3	32	12	482	5.18	10	5	ND	2	24	1	2	2	145	.43	.10	9	68	.95	23	.64	7	2.73	.01	.02	2	5
M7 0	2	253	12	85	.4	61	23	519	6.70	5	6	ND	2	18	1	2	2	162	.23	.13	12	88	1.44	31	.50	6	4.79	.01	.04	2	5
M7 1	3	184	10	105	.2	60	22	708	6.55	7	5	ND	2	21	1	2	2	173	.32	.10	11	102	1.36	36	.67	6	4.60	.01	.03	2	5
M7 2	1	97	12	117	.4	35	22	3611	4.47	8	5	ND	2	26	1	2	2	116	.48	.18	7	62	.78	78	.41	8	2.67	.01	.03	2	5
M7 3	2	228	10	91	.2	78	21	668	6.56	2	5	ND	2	27	1	2	2	186	.43	.06	9	145	2.11	33	.86	4	4.66	.01	.02	2	5
M7 4	2	120	14	110	.3	48	17	1355	5.15	7	5	ND	2	27	1	2	2	127	.50	.13	8	90	.98	60	.69	7	3.29	.01	.04	2	5
M7 5	2	227	11	110	.1	71	28	1391	6.47	2	10	ND	2	51	1	2	2	178	.54	.09	9	105	1.50	59	.71	7	5.00	.02	.05	2	25
M7 6	1	119	5	108	.1	51	17	618	5.46	2	9	ND	2	28	1	2	2	136	.56	.14	8	98	1.15	27	.69	7	3.00	.02	.04	2	5
M7 7	1	82	7	125	.3	28	15	1814	4.38	5	7	ND	2	27	1	2	4	96	.58	.23	8	65	.62	48	.54	8	2.21	.01	.04	2	5
M7 8	2	147	8	95	.1	59	20	678	5.36	6	5	ND	2	26	1	2	3	137	.50	.10	7	102	1.54	18	.71	6	3.37	.01	.03	2	5
M7 9	3	205	6	83	.1	69	21	634	5.78	3	5	ND	2	30	1	2	3	157	.46	.07	9	131	2.04	34	.82	8	3.96	.01	.03	2	10
M7 11	3	274	13	128	.6	80	36	1665	5.92	63	5	ND	2	41	1	2	3	135	.53	.17	8	72	1.16	43	.44	8	4.98	.01	.04	2	25
M7 12	2	201	10	126	.4	61	28	1505	5.20	101	5	ND	2	51	1	2	5	111	.77	.32	6	88	1.16	39	.44	10	4.30	.01	.04	2	25
M7 13	2	93	9	99	.2	34	19	2594	5.14	7	5	ND	2	36	1	2	3	126	.74	.12	7	73	.75	33	.67	10	2.57	.02	.03	2	5
M7 14	3	147	13	124	.4	46	25	2943	5.45	19	5	ND	2	31	1	2	2	121	.64	.25	4	80	1.05	34	.53	7	3.36	.02	.02	2	260
M7 15	2	88	10	104	.2	42	14	716	5.10	8	5	ND	2	27	1	2	2	128	.46	.15	4	82	1.12	29	.78	4	2.70	.02	.01	2	5
M7A 0	2	178	9	64	.7	44	13	435	5.35	30	5	ND	4	26	1	2	2	133	.33	.16	2	93	1.15	20	.57	2	6.89	.02	.01	2	5
M7A 1	4	143	11	50	.1	34	15	413	4.91	21	5	ND	2	18	1	2	2	122	.47	.31	5	74	.83	16	.44	4	5.60	.03	.01	2	5
M7A 2	1	20	13	40	.2	14	4	468	2.84	16	5	ND	2	21	1	2	2	139	.57	.07	3	54	.38	28	.62	2	.94	.02	.03	2	5
M7A 3	1	152	7	54	.1	40	16	525	3.73	22	5	ND	3	15	1	2	2	86	.34	.12	2	71	.84	22	.39	6	7.06	.02	.02	2	5
M7A 4	2	169	14	75	.2	48	20	510	4.85	23	5	ND	2	23	1	2	2	116	.37	.08	3	92	1.21	19	.48	5	5.81	.02	.02	2	5
STD C/AU 0.5	21	61	39	124	6.7	70	27	1063	3.82	40	18	7	37	51	17	15	19	59	.44	.14	37	58	.88	177	.08	41	1.61	.06	.13	14	500

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
W7A 5	1	158	9	35	1.2	67	31	579	3.77	81	5	ND	2	22	1	2	2	85	.36	.18	3	105	1.10	16	.18	8	7.28	.01	.01	2	5
W7A 6	1	146	22	63	.4	38	19	433	5.23	42	5	ND	2	20	1	2	2	136	.46	.14	2	73	1.06	16	.57	3	5.44	.02	.03	2	5
W7A 7	1	123	14	51	.1	27	12	562	4.36	75	5	ND	2	16	1	2	2	125	.39	.13	2	65	.70	17	.45	6	5.78	.02	.01	2	30
W7A 9	1	72	9	31	.6	15	3	145	4.28	27	5	ND	2	9	1	2	4	112	.24	.08	2	77	.36	12	.39	5	6.95	.02	.02	2	5
W7A 10	1	107	20	61	.3	22	7	292	5.08	7	5	ND	2	9	1	2	3	156	.31	.06	2	73	.43	23	.50	3	4.72	.03	.01	2	5
W7A 11	1	117	4	64	.1	32	10	371	4.02	10	5	ND	2	19	1	2	3	90	.29	.13	2	104	.82	24	.30	5	7.64	.02	.02	2	5
W7A 12	1	99	4	27	.1	19	5	168	2.94	8	5	ND	2	8	1	2	3	59	.23	.15	2	66	.41	16	.25	8	7.21	.02	.02	2	5
W7A 13	1	110	6	33	.1	22	5	169	3.46	13	5	ND	2	10	1	2	4	79	.28	.08	2	69	.50	16	.38	7	6.71	.02	.03	2	5
W8 1	1	140	13	98	.1	45	18	1812	4.29	6	5	ND	2	27	1	2	3	91	.37	.14	2	58	.94	79	.28	5	3.17	.01	.06	2	5
W8 2	2	158	22	109	.1	50	17	1565	5.06	6	5	ND	2	22	1	2	4	121	.34	.12	2	85	1.17	40	.54	4	3.50	.01	.05	2	5
W8 3	2	240	29	134	.1	69	27	4637	6.49	5	5	ND	2	32	1	2	3	155	.46	.24	2	108	1.39	85	.46	4	4.23	.01	.05	2	5
W8 4	1	224	22	235	.2	78	28	2365	6.36	4	5	ND	2	27	1	2	2	148	.45	.15	2	102	1.38	57	.57	2	4.56	.01	.05	2	5
W8 5	1	128	18	102	.1	45	21	1483	4.85	4	5	ND	2	28	1	2	2	126	.42	.09	4	75	.83	38	.49	6	2.75	.01	.02	2	5
W8 6	1	80	18	93	.1	31	13	1326	4.79	2	5	ND	2	23	1	2	2	108	.35	.15	2	64	.65	29	.46	2	2.38	.02	.03	2	5
WA8 1	1	83	25	76	.3	28	10	405	5.63	25	5	ND	2	18	1	2	2	133	.35	.13	2	59	.79	31	.51	4	3.65	.01	.02	2	5
WA8 2	2	181	23	81	.4	32	56	685	4.26	83	5	ND	2	18	1	2	2	122	.50	.10	4	43	.79	18	.44	5	4.65	.02	.01	2	5
WA8 3	1	113	24	78	.1	45	17	510	4.45	58	5	ND	2	24	1	2	2	118	.63	.04	3	54	1.40	22	.52	2	2.51	.02	.02	2	35
WA8 4	1	25	19	33	.2	9	3	201	2.01	19	5	ND	2	13	1	2	2	98	.45	.02	4	15	.26	10	.48	2	.68	.02	.02	2	5
WA8 5	2	209	19	67	.7	47	29	505	4.41	64	5	ND	3	28	1	2	2	121	.79	.10	3	51	1.32	17	.47	5	4.34	.03	.04	2	5
WA8 6	1	97	28	51	.3	35	14	385	5.67	254	5	ND	2	22	1	2	2	168	.48	.04	2	71	.97	24	.64	6	3.71	.02	.02	2	5
WA8 7	1	116	14	59	.4	34	25	857	4.14	32	5	ND	2	30	1	2	2	112	.61	.09	3	46	.74	27	.44	9	3.90	.02	.02	2	5
WA8 8	1	68	18	59	.2	39	19	578	4.44	43	5	ND	2	22	1	2	2	131	.53	.07	2	77	.80	23	.46	4	2.87	.02	.03	2	5
WA8 9	1	75	13	51	.3	51	14	572	3.46	9	5	ND	3	54	1	2	2	102	.87	.05	2	87	.87	63	.33	5	3.50	.03	.04	2	5
WB8 1	1	29	22	36	.2	12	2	274	4.29	2	5	ND	2	9	1	2	2	191	.31	.03	3	42	.25	14	.64	2	1.20	.02	.02	2	5
WB8 2	1	96	9	29	.2	14	5	264	3.41	15	9	ND	2	7	1	2	2	101	.26	.12	2	46	.35	10	.31	6	6.01	.02	.03	2	5
WB8 3	1	94	9	36	.3	23	6	182	3.74	11	8	ND	2	7	1	2	2	71	.24	.09	2	52	.42	13	.31	7	7.46	.02	.03	2	70
WB8 4	2	55	26	55	.1	21	11	236	5.35	39	5	ND	2	12	1	2	2	128	.38	.04	3	60	.35	27	.40	9	2.65	.03	.02	2	5
WB8 5	1	85	18	30	.1	24	4	132	6.17	38	5	ND	2	10	1	2	2	146	.26	.05	3	92	.36	24	.51	3	3.40	.02	.01	2	5
WB8 6	1	71	16	30	.2	31	7	211	6.68	37	5	ND	2	14	1	2	2	116	.38	.06	2	90	.72	16	.50	2	2.73	.03	.02	2	5
WB8 7	1	76	10	43	.1	23	8	269	3.32	7	5	ND	2	18	1	2	3	71	.38	.11	4	58	.55	18	.26	7	6.95	.02	.02	2	5
WB8 8	1	72	17	63	.1	23	11	577	4.27	22	5	ND	2	10	1	2	2	125	.38	.07	4	73	.40	33	.40	8	3.94	.03	.01	2	5
WB8 9	2	88	19	50	.3	25	5	334	5.59	4	5	ND	2	10	1	2	2	165	.29	.05	4	106	.48	43	.54	8	3.36	.02	.02	2	20
G12 1	1	108	16	80	.1	24	13	620	4.97	8	5	ND	4	28	1	2	2	117	.22	.30	14	27	1.42	76	.20	6	4.69	.02	.17	2	5
G12 2	2	77	15	64	.1	16	10	464	5.66	9	5	ND	3	23	1	2	2	118	.12	.24	12	17	.90	72	.13	6	3.19	.01	.12	2	5
G12 3	1	158	16	92	.1	37	19	1630	4.75	11	5	ND	6	53	1	2	2	88	.42	.29	26	25	1.38	162	.18	6	2.86	.02	.20	2	90
G12 4	2	104	21	86	.1	26	25	1436	5.59	14	5	ND	5	45	1	2	2	78	.24	.29	28	20	1.21	133	.14	11	3.28	.01	.17	2	5
G12 5	1	68	16	67	.1	10	13	1071	5.62	11	5	ND	5	31	1	2	3	68	.07	.20	23	9	.41	131	.02	8	2.59	.01	.10	2	5
STD C/AU 0.5	20	61	41	125	6.5	70	27	1070	3.82	40	18	7	36	50	17	15	20	59	.44	.14	38	58	.88	184	.07	39	1.61	.06	.14	12	490



GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,333

N

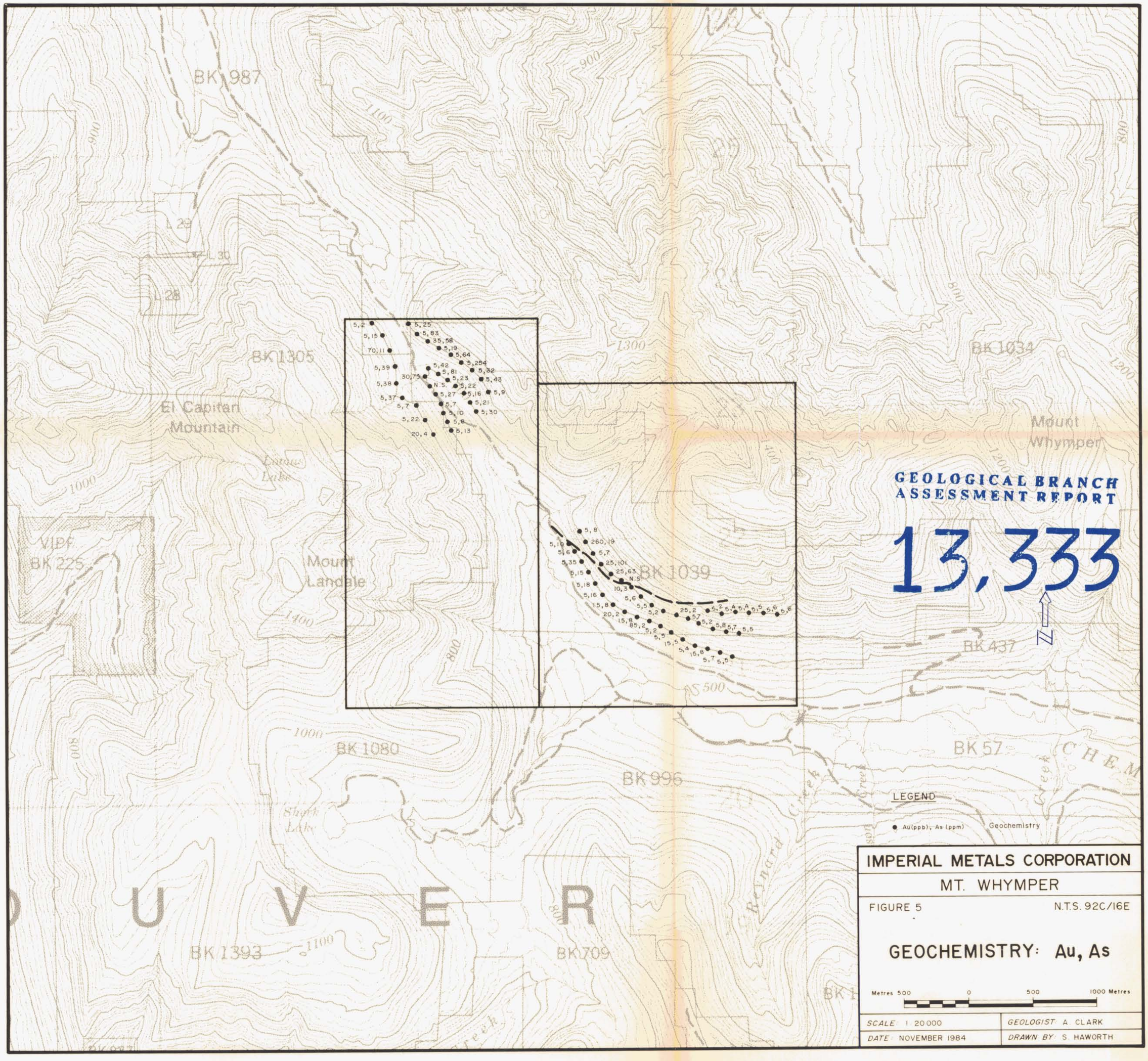
IMPERIAL METALS CORPORATION

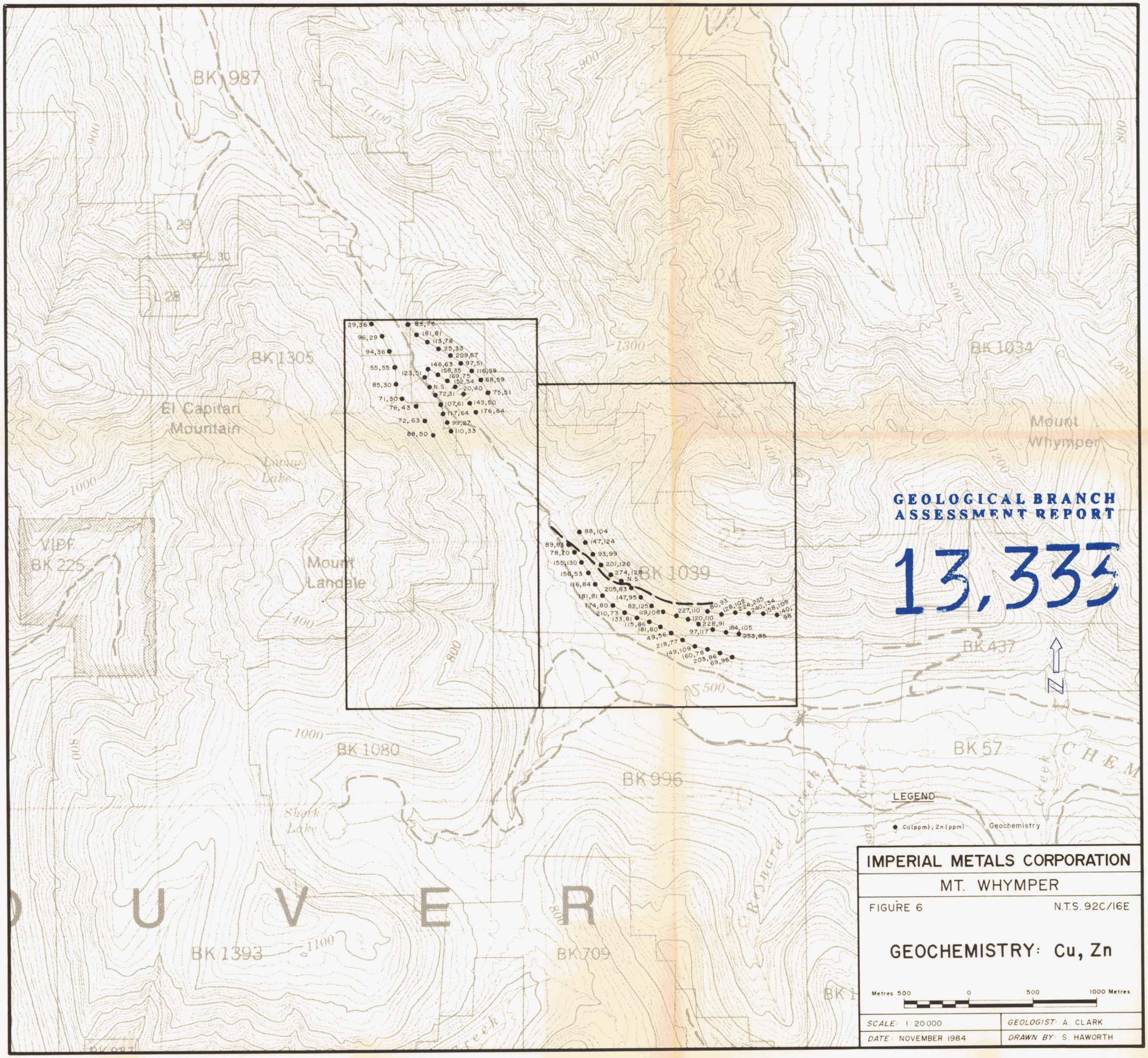
MT. WHYMPER

FIGURE 4 N.T.S. 92C/16E

SOIL SAMPLE LOCATIONS

SCALE 1:20,000	GEOLOGIST A. CLARK
DATE NOVEMBER 1984	DRAWN BY S. HAWORTH


BK 987
BK 1305
BK 1034
BK 1039
BK 437
BK 57
BK 1080
BK 996
BK 1393
BK 709
L 29
L 30
L 28
L 300
El Capitan Mountain
Mount Whymper
Mount Landale
Lorna Lake
Shark Lake
VIPF
BK 225
Bernard Creek
Chem Creek
5,2
5,25
5,15
5,83
35,58
70,11
5,19
5,64
5,39
5,42
5,254
5,81
5,32
30,75
5,23
5,43
5,38
N.S.
5,22
5,37
5,27
5,16
5,9
5,7
5,7
5,21
5,10
5,30
5,22
5,8
20,4
5,13
5,8
260,19
5,10
5,7
5,6
25,101
5,35
25,63
N.S.
5,15
10,3
5,18
5,6
5,16
5,5
15,8
5,2
20,2
25,2
5,2
5,4
5,4
5,5
5,6
5,8
15,8
5,7
85,2
5,2
5,8
5,7
5,5
5,2
5,5
15,5
5,4
15,8
5,7
5,5
LEGEND
Au(ppb), As (ppm) Geochemistry
GEOLOGICAL BRANCH
ASSESSMENT REPORT
13,333
N
IMPERIAL METALS CORPORATION
MT. WHYMPER
FIGURE 5
N.T.S. 92C/16E
GEOCHEMISTRY: Au, As
Metres 500 0 500 1000 Metres
SCALE 1:20000
GEOLOGIST: A. CLARK
DATE NOVEMBER 1984
DRAWN BY: S. HAWORTH


BK 987
BK 1305
BK 1034
BK 1039
BK 1080
BK 996
BK 1393
BK 709
BK 437
BK 57
L 29
L 30
L 28
El Capitan Mountain
Mount Whymper
Mount Landale
Lower Lake
Shark Lake
VIDF
BK 225
29,36
83,76
96,29
181,81
113,78
94,36
25,33
209,67
55,55
146,63
97,51
158,35
116,59
123,51
169,75
85,30
152,54
68,59
N.S.
20,40
75,51
72,31
71,30
107,61
143,50
76,43
117,64
176,64
72,63
99,27
88,50
110,33
88,104
147,124
89,83
78,70
93,99
155,130
201,126
156,53
274,128
116,84
205,83
181,81
147,95
174,80
82,125
210,73
119,108
227,110
133,81
120,110
115,86
228,91
181,80
184,105
97,117
49,56
253,85
218,77
149,109
160,78
203,86
59,96
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N
LEGEND
Cu(ppm); Zn(ppm) Geochemistry
IMPERIAL METALS CORPORATION
MT. WHYMPER
FIGURE 6
N.T.S. 92C/16E
GEOCHEMISTRY: Cu, Zn
Metres 500 0 500 1000 Metres
SCALE: 1:20000
GEOLOGIST: A. CLARK
DATE: NOVEMBER 1984
DRAWN BY: S. HAWORTH