

LOG NO: 1127 RD.

ACTION:

GEOLOGICAL AND GEOCHEMICAL REPORT

FILE NO: 87-811-16478

on the

8/88

HASLAM CREEK PROPERTY

Specific Claims: IMP K 1246(8)

Mining Division: Nanaimo

NTS : 92C 16E

Latitude : 48° 56' N ^{48"}

Longitude : 124° ~~01' W~~ 00' 10"

Owner : Imperial Metals Corporation

Operator : Imperial Metals Corporation

Author : M. Baknes and D. Gorc

Date : November 1987

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,478

SUMMARY

In August 1987 geological mapping, soil sampling (51 samples) and rock chip sampling (16 samples) was completed on the IMP K mineral claim near Ladysmith, B.C.

Mapping indicated the claims to be underlain by a sediment gabbro sill unit of the Paleozoic Sicker Group. Two types of mineralization were defined; one associated with ankeritic shear zones and another within pyritic cherty sediments. Soil and rock chip sampling returned anomalous copper values but only background precious metal values.

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1	Rock Geochemistry
2	Soil Geochemistry

1.0 INTRODUCTION

This report discusses geological mapping, soil sampling and rock sampling completed in August 1987 on the IMP K mineral claim which is part of the Haslam Creek property.

2.0 CLAIM DATE

The Haslam Creek property consists of the following claims in the Nanaimo, M.D. All claims are owned by Imperial Metals Corporation.

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Record Date</u>	<u>Expiry Date to October 1987</u>
IMP H	20	1137(4)	April 13	1989
IMP K	20	1246(8)	August 20	1988
IMP S	6	1268(10)	October 21	1989

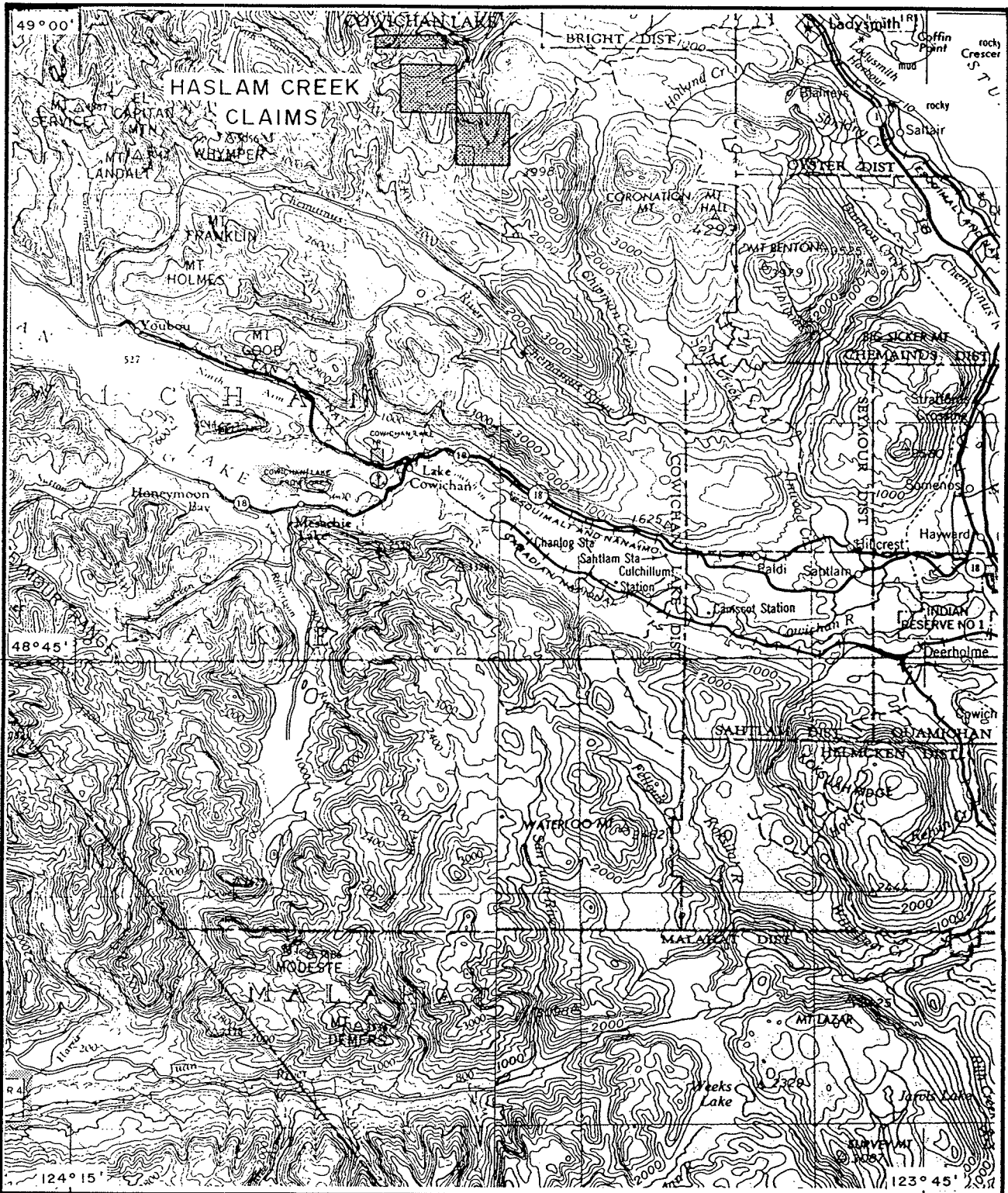
3.0 LOCATION, ACCESS and TOPOGRAPHY

The property is located near the headwaters of Haslam Creek approximately 20km west of the town of Ladysmith on southern Vancouver Island. Access is by logging roads from Ladysmith.

Topography of the IMP K claim varies from moderate to steep slopes with elevations ranging from 600m to 1100m.

4.0 EXPLORATION HISTORY

The central portion of the Haslam Creek property was staked in 1982 with additional staking completed in 1983. In 1982 Imperial Metals Corporation contracted Questor Surveys of Toronto to fly an Input, EM and magnetometer survey over the IMP H claim with several EM anomalies defined. Geological mapping and limited rock chip sampling (33 samples) and soil sampling (109 samples) was completed as a followup to airborne geophysical survey.



IMPERIAL METALS CORPORATION	
HASLAM CREEK	
FIGURE 2	N.T.S. 92C
LOCATION MAP	
SCALE: 1 : 250 000	GEOLOGIST: M. BAKNES/D. GORC
DATE: NOVEMBER 1987	DRAWN BY: S. HAWORTH

In 1983 a Genie-electromagnetic survey was conducted over the IMP H claim delineating the Input EM anomalies. In addition, grid soil sampling was completed over portions of the IMP H and L claims. Other portions of the property were part of a stream sediment survey (90 samples) also completed in 1983. Due to encouraging results another airborne Input EM survey was completed over the remainder of the Haslam Creek Property not yet surveyed. Further Input EM anomalies were outlined.

In 1984 two soil grids were established over two of the airborne Input EM anomalies. One grid over an Input EM anomaly on the IMP J claim and another grid on an EM anomaly on the IMP L claim. Magnetometer surveys were completed over the same two grids.

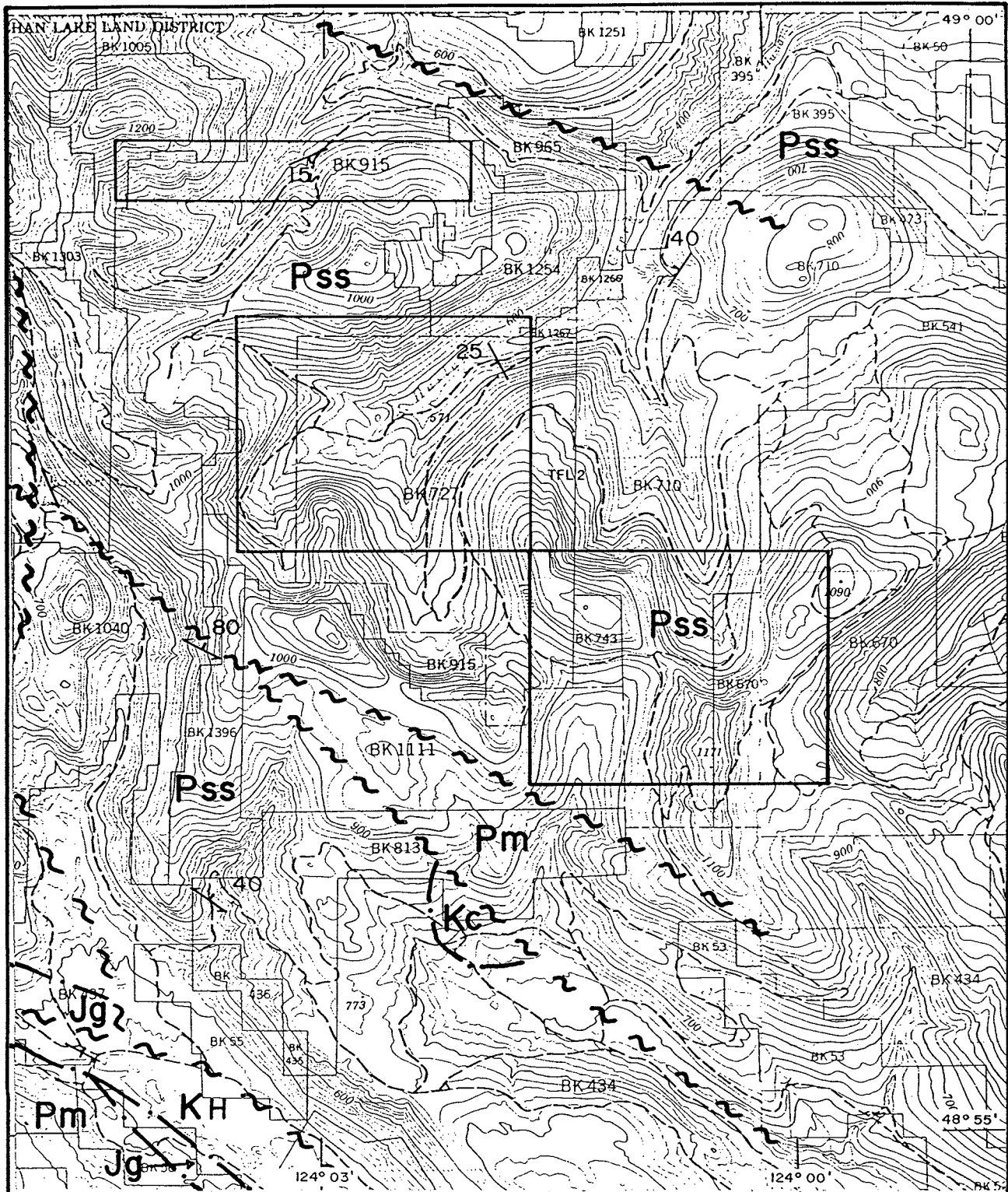
In 1985 one of the 1984 soil grids was extended and an additional soil grid established over an Input EM anomaly on the IMP K and W claims. Soil sampling, magnetometer and VLF surveys were completed on both grids.

5.0 REGIONAL GEOLOGY

Work by Muller (1982) shows the Haslam Creek area to lie within the Sicker Group, particularly what is described as a sill-sediment unit. This consists of interbedded argillite and siltstone, interlayered with basic sills. Fyles (1955) mapped numerous intertonguing bands of Sicker Group sediments and diabase that he associated with the Karmutsen formation in the upper Haslam Creek area. The sediments of the unit are generally thinly bedded, turbidite like, massive argillite and siltstone that are much silicified and show conspicuous dark-light banding on joint faces. Silicification is in part diagenetic and in part a contact reaction with the enclosed diabase sills (Muller, 1980).

6.0 PROPERTY GEOLOGY

The IMP K claims are underlain by the sediment-sill unit that lies within the Sicker Group. The sediments on the property are comprised of several types: well bedded pale grey and green cherty and fine grained tuffs, foliated (kink banded) chlorite sericite schists and phyllites, medium grain grey to black quartz sandstones to green greywacke and intermediate tuffs, carbonaceous to cherty argillites. The gabbro units vary from coarse grain gabbros to basalt and possibly dacite. The gabbros generally form sills, however, the contact relationships are locally more complex.



LEGEND:

- KH Haslam Formation
- KC Comox Formation
- Jg Island Intrusions
- Pss Sediment - Sill Unit
- Pm Myra Formation
- Geological Boundary, Approximate
- ~ ~ Fault, Approximate
- + Bedding - Inclined, Vertical
- ↔ Foliation

IMPERIAL METALS CORPORATION

HASLAM CREEK

FIGURE 4

N.T. S. 92B/13W 8C/16E

REGIONAL GEOLOGY



SCALE: 1 : 50 000

GEOLOGIST: M. BAKNES/D. GORC

DATE: NOVEMBER 1987

DRAWN BY: S. HAWORTH

The volcanic sediments of the area are generally intermediate in composition. Although, much of the sediment is cherty it is believed to be either biogenic chert or later silicification of fine grained sediment rather than rhyolite. This is supported by field evidence and some previous thin section descriptions in previous work reports (Clark, 1984). Jasper beds or lenses were noted in the south west portion of the claim. It is possible that these "beds" are volcanogenic in origin, but there is a lack of evidence for proximal explosive volcanism and associated felsic igneous activity.

6.2 Mineralization

There are two classes of epigenetic mineralization exhibited on the property.

Ankeritic zones associated with shearing were noted and sampled (87-5, 12, 13) in both the south west corner and the mid-eastern areas of the claim block. The ankerite zones are of variable widths and orientations and cut both sediments and volcanics. The ankerite zones were not seen to the north and therefore should be checked for precious metals.

A second type of mineralization consists of pyrite which is locally disseminated along bedded cherty sequences. The pyritic zones appear to be strongly associated with the gabbro units and are probably caused by them. Experience in areas to the north indicates that these pyritic zones do not contain precious metals.

TABLE 1 - ROCK GEOCHEMISTRY

<u>Sample No.</u>	<u>Sample Description</u>	<u>Au</u> <u>(ppb)</u>	<u>Cu</u> <u>(ppm)</u>
87-1R	ankeritic zone	127	236
87-2R	ankeritic zone	11	234
87-3R	pyritic zone	2	46
87-4R	grey wacke	1	122
87-5R	ankeritic zone	1	78
87-6R	pyritic sediment	1	136
87-7R	pyritic sediment	1	29
87-8R	ankeritic chlorite schist	9	167
87-9R	jasper	1	10

87-10R	ankeritic chlorite schist	1	39
87-11R	jasper with pyrite	2	17
87-12R	ankeritic tuff	1	36
87-13R	ankeritic tuff	1	42
87-14R		2	155
87-15R		1	43
87-16R	quartz vein	2	6

7.0 SOIL GEOCHEMISTRY

"B" horizon sampled at 15-25 cm depth

7.1 Soil Line 87-1

This line comprises 31 soil samples taken on the eastern portion of the claim and analyzed for gold and 30 element ICP. Several samples were anomalous in copper (up to 208ppm Cu) but no samples were anomalous in gold.

7.2 Soil Line 87-2

This line comprises 20 soil samples taken in the western portion of the claim and analyzed for gold and 30 element ICP. Several samples were anomalous in copper (up to 171ppm Cu) but no samples were anomalous in gold.

TABLE 2 - SOIL GEOCHEMISTRY

Soil Line 1		<u>Sample</u>		Au	Cu
<u>Sample No.</u>	Au (ppb)	Cu (ppm)		(ppb)	(ppm)
87-1-SL	2	108	87-1-19SL	1	64
87-2-SL	1	135	20SL	2	118
87-3-SL	1	38	21SL	1	85
87-4-SL	2	205	22SL	1	78
87-5-SL	2	53	23SL	1	76
87-6-SL	3	104	24SL	1	57
87-7-SL	1	153	25SL	1	80
87-8-SL	1	81	26SL	1	55
87-9-SL	1	208	27SL	1	53
87-10-SL	1	109	28SL	1	72

<u>Sample No.</u>			<u>Sample</u>		
	<u>Au</u> <u>(ppb)</u>	<u>Cu</u> <u>(ppm)</u>		<u>Au</u> <u>(ppb)</u>	<u>Cu</u> <u>(ppm)</u>
87-11-SL	2	30	29SL	1	45
87-12-SL	1	75	30SL	1	33
87-13-SL	2	118	31SL	1	33
87-14-SL	1	49			
87-15-SL	1	54			
87-16-SL	1	73			
87-17-SL	2	38			
87-18-SL	4	39			

Soil Line 2

87-2-1-SL	3	51	87-2-11-SL	1	8
87-2-2-SL	2	83	12SL	1	40
87-2-3-SL	1	21	13SL	1	56
87-2-4-SL	1	14	14SL	2	55
87-2-5-SL	1	40	15SL	1	74
87-2-6-SL	3	10	16SL	7	22
87-2-7-SL	1	9	17SL	1	80
87-2-8-SL	1	4	18SL	1	97
87-2-9-SL	1	51	19SL	1	48
87-2-10-SL	1	42	20SL	1	171

8.0 CONCLUSIONS

The IMP K claim is underlain by a sediment-gabbro sill unit of the Paleozoic Sicker Group. Two types of mineralization have been noted. One type is associated with ankeritic shear zones and the other consists of pyritic zones within sedimentary rocks which are likely associated with the gabbro sills. Soil and rock sampling has indicated anomalous copper values but no precious metal values.

9.0 STATEMENT OF QUALIFICATIONS

I, Dennis Gorc, geologist, residing at Apt. 202 - 270 West 1st Street, North Vancouver, in the Province of British, Columbia, hereby certify that:

1. I received a BSc (Eng.) degree from Queen's University, Kingston, Ontario in May of 1976.
2. Since 1976, I have worked on mineral exploration programs in British Columbia, Ontario, Manitoba and the Northwest Territories.
3. 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.

DATED the 18 day of Nov., 1987 at Vancouver, British Columbia.

Dennis Gorc

SUPERVISOR

P. R. P. Fleming P. E. G.

Name: Mark Baknes

Position: Field Geologist, Imperial Metals Corporation

Education: BSc - Geology 1986, University of British Columbia

Experience: Five summers of varied exploration in British Columbia with mining companies.

10.0 REFERENCES

- Clark, A.M.S.; October 1984 "Assessment Report - Geochemistry and Geophysics - Haslam Group" Imperial Metals Corporation
- Clark, A.M.S.; September 1985 "Report on the 1985 Fieldwork, Haslam Project, B.C." Imperial Metals Corporation
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- De Carle, R.; 1983 "Input EM Report on the Haslam Creek Property" Questor Surveys, Toronto, Ontario
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Quin, S. January 1984 "Geophysical Report on the Haslam Creek Claims - IMP J, K, L, M" Imperial Metals Corporation
- De Carle, R. and
Quin, S. May 1984 "Geophysical Report on the Haslam Creek Claims - IMP T, U, V, W" Imperial Metals Corporation
- Fyles, J.; 1955 "Geology of the Cowichan Lake Area, B.C." (B.C. Dept. of Mines Bulletin 37) G.S.C. Paper 79-30
- Muller, J.; 1982 "The Paleozoic Sicker Group of Vancouver Island, B.C." Open File #821, Geological Survey of Canada
- Quin, S.P.; November 1983 "Progress Report - Haslam Creek Property" Imperial Metals Corporation
- Walcott, P.; January 1985 "A Report of Electromagnetic Survey - October 16-28, 1984" Peter Walcott and Associates

APPENDIX I

COST STATEMENT

IMP K CLAIM

AUGUST - NOVEMBER 1987

COST STATEMENT

Work Completed in August 1987

on IMP K Mineral Claim

Wages:

M. Baknes - August 4, 5, 6, 7, 14, 15, 17	\$ 1,410.75
S. Royea - August 4, 5, 6, 7, 14, 15, 17	630.00
D. Gorc - November 9	<u>195.00</u>
	2,235.75

Travel and Camp Costs:

Travel (airline tickets, ferry charges)	276.70
Accommodation	250.56
Food	<u>193.04</u>
	720.30

Equipment and Supplies:

Truck rental	433.06
Road permit from MacMillan Bloedel	500.00
Equipment purchases (gasoline, soilbags, etc.)	<u>556.20</u>
	1,489.26

Geochemical Costs:

51 soil samples analyzed for gold and 30 element ICP and 16 rock samples analyzed for gold and 30 element ICP	700.62
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Report Costs:

Drafting, computer, etc.	750.00
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COST SUMMARY

Wages:	2,235.75
Travel and camp costs:	720.30
Equipment and supplies:	1,489.26
Geochemical costs:	700.62
Report costs:	<u>750.00</u>
Total:	\$ 5,895.93

APPENDIX II

GEOCHEMICAL RESULTS

GEOCHEMICAL ICP ANALYSIS

Hastam Creek

.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 MM FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-2 SOIL P3-ROCK AU: ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 21 1987

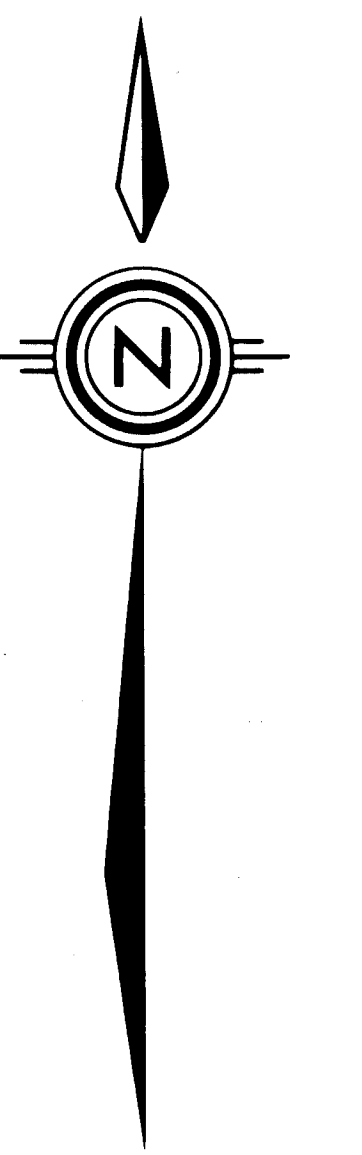
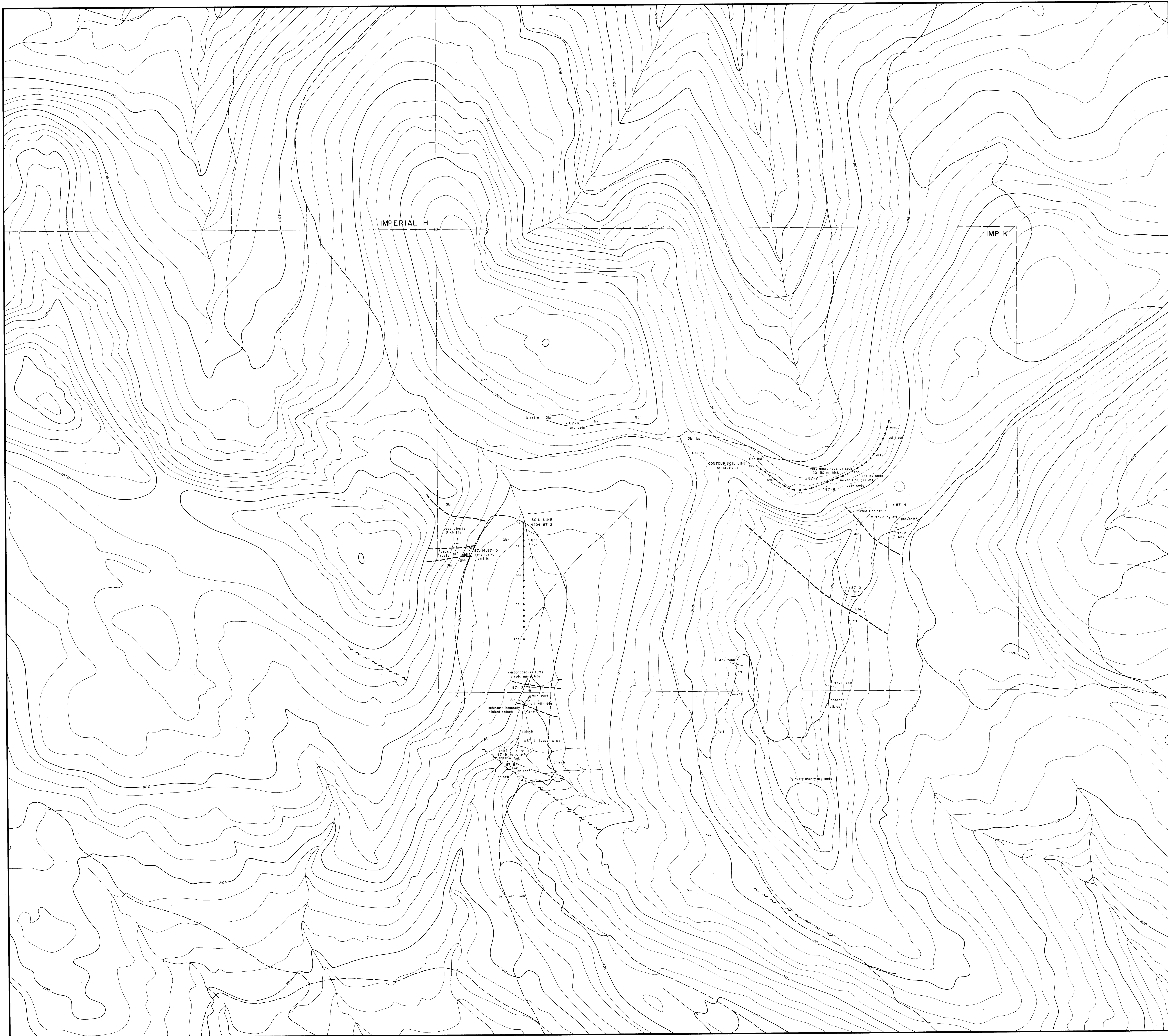
DATE REPORT MAILED: *Aug 29/87*

ASSAYER: *D. Jepsen* DEAN TOYE, CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT-4204 File # 87-3502 Page 1

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	PPM
4204-87-1-1SL	1	108	30	109	.5	23	44	1969	8.01	6	5	ND	2	18	1	4	2	145	.37	.062	17	33	1.34	62	.63	2	3.82	.01	.04	2	2
4204-87-1-2SL	1	135	32	118	.6	23	19	4960	4.31	5	5	ND	1	28	1	2	2	74	.99	.086	8	29	.50	148	.26	2	2.08	.01	.03	1	1
4204-87-1-3SL	1	38	28	67	.1	37	15	624	8.87	5	5	ND	2	16	1	2	3	157	.20	.136	3	69	1.33	30	.66	2	2.58	.01	.03	1	1
4204-87-1-4SL	4	205	58	102	.8	29	132	15377	3.98	2	5	ND	1	21	1	2	2	65	.60	.124	11	33	.58	152	.12	4	3.15	.01	.05	1	2
4204-87-1-5SL	1	53	35	81	.3	26	16	847	9.36	17	5	ND	2	12	1	3	2	116	.16	.288	7	60	.89	40	.46	2	4.27	.01	.03	2	2
4204-87-1-6SL	1	104	29	78	.9	14	19	1782	3.98	6	5	ND	1	17	1	2	2	76	.36	.062	7	16	.17	188	.18	2	2.48	.01	.03	1	3
4204-87-1-7SL	1	153	26	101	.6	28	59	2816	6.59	11	5	ND	1	24	1	2	2	111	.69	.066	10	47	.71	91	.32	2	3.75	.01	.03	3	1
4204-87-1-8SL	1	81	22	124	.2	33	20	2017	4.54	2	5	ND	1	26	1	2	2	78	.91	.114	6	43	1.00	83	.13	3	4.21	.01	.03	1	1
4204-87-1-9SL	1	208	14	79	.6	21	29	1464	2.61	6	5	ND	1	24	1	2	2	50	.97	.109	9	30	.14	63	.06	2	4.67	.01	.01	2	1
4204-87-1-10SL	1	109	18	116	.4	32	16	709	8.47	6	5	ND	1	34	1	3	2	147	.92	.051	6	38	1.05	108	.40	2	3.26	.01	.03	1	1
4204-87-1-11SL	1	30	21	38	.5	8	5	155	4.91	2	5	ND	1	18	1	2	2	202	.37	.032	3	23	.21	36	.75	2	1.15	.01	.03	1	2
4204-87-1-12SL	1	75	25	45	.4	9	8	133	5.85	3	5	ND	1	22	1	2	2	208	.71	.020	6	29	.18	60	.42	2	2.19	.01	.02	1	1
4204-87-1-13SL	1	118	33	60	.2	18	17	686	4.33	8	5	ND	1	16	1	5	2	91	.34	.072	7	20	.24	83	.19	6	2.74	.01	.03	1	2
4204-87-1-14SL	8	49	45	46	.2	2	5	352	6.42	2	5	ND	1	3	1	2	2	185	.06	.071	3	13	.49	20	.26	2	1.20	.01	.02	2	1
4204-87-1-15SL	5	54	34	70	.2	12	21	649	9.53	9	5	ND	2	7	1	2	2	194	.12	.049	4	32	.65	47	.45	2	3.14	.01	.03	2	1
4204-87-1-16SL	2	73	44	88	.2	39	107	5867	5.58	4	5	ND	1	16	1	2	2	121	.36	.068	8	58	1.14	137	.35	3	2.82	.01	.04	1	1
4204-87-1-17SL	6	38	36	56	.2	10	11	553	8.68	9	5	ND	1	8	1	2	2	289	.21	.051	3	22	.25	33	.60	3	1.49	.01	.02	1	2
4204-87-1-18SL	4	39	25	47	.3	9	17	487	5.38	6	5	ND	1	10	1	2	2	191	.21	.060	4	19	.31	24	.46	6	1.29	.01	.02	1	4
4204-87-1-19SL	6	64	31	98	.2	10	12	708	10.79	11	5	ND	2	6	1	2	2	168	.10	.035	8	26	.87	56	.40	2	3.77	.01	.02	2	1
4204-87-1-20SL	3	118	32	160	.2	21	154	9182	9.13	9	5	ND	1	18	1	2	2	61	.48	.136	10	16	.87	112	.04	3	3.78	.01	.03	1	2
4204-87-1-21SL	1	85	44	112	.1	18	44	4075	5.31	10	5	ND	1	31	1	2	2	76	1.11	.092	4	16	.74	119	.07	4	2.29	.01	.04	1	1
4204-87-1-22SL	2	78	28	178	.4	34	52	13328	4.92	15	5	ND	1	38	2	2	2	68	1.30	.135	17	18	.57	305	.05	3	3.26	.01	.03	1	1
4204-87-1-23SL	2	76	28	99	.2	15	64	3141	6.44	6	5	ND	1	8	1	2	2	131	.21	.066	5	25	.92	73	.18	2	2.80	.01	.02	1	1
4204-87-1-24SL	1	57	31	77	.6	6	30	1174	13.51	9	5	ND	1	6	1	2	3	106	.24	.106	15	12	.32	38	.11	2	2.06	.01	.03	2	1
4204-87-1-25SL	3	80	21	84	.2	9	27	1797	9.57	5	5	ND	1	5	1	2	2	180	.15	.068	7	20	.50	79	.19	2	2.54	.01	.03	1	1
4204-87-1-26SL	2	55	14	120	.1	10	38	2067	9.01	8	5	ND	1	5	1	2	2	189	.19	.057	6	26	.41	95	.22	2	2.58	.01	.01	1	1
4204-87-1-27SL	1	53	20	74	.1	20	21	788	7.06	3	5	ND	1	5	1	2	2	134	.13	.041	4	36	.42	72	.17	2	3.12	.01	.02	1	1
4204-87-1-28SL	2	72	16	77	.1	10	32	2201	6.26	2	5	ND	1	7	1	2	2	139	.18	.050	4	20	.40	59	.20	2	1.74	.01	.03	1	1
4204-87-1-29SL	1	45	29	69	.1	11	24	2403	5.78	7	5	ND	1	7	1	2	2	141	.35	.080	3	22	.48	52	.18	2	1.68	.01	.03	1	1
4204-87-1-30SL	1	33	8	68	.1	18	18	1314	4.55	4	5	ND	3	6	1	2	2	78	.18	.030	2	25	.44	38	.20	2	2.16	.01	.02	1	1
4204-87-1-31SL	1	82	13	99	.1	39	16	691	5.56	11	5	ND	1	6	1	2	2	115	.11	.034	4	53	.75	69	.28	2	4.40	.01	.03	2	1
4204-87-2-1SL	1	51	31	69	.1	23	11	318	8.30	11	5	ND	3	8	1	2	3	127	.15	.135	4	77	.79	49	.37	2	4.52	.01	.04	1	3
4204-87-2-2SL	1	83	8	70	.6	36	12	434	4.87	7	5	ND	1	10	1	2	2	89	.25	.092	6	49	1.15	53	.28	2	4.06	.01	.03	1	2
4204-87-2-3SL	1	21	15	46	.2	16	8	240	7.61	2	5	ND	2	10	1	2	2	157	.12	.129	4	64	.51	34	.43	2	1.93	.01	.03	1	1
4204-87-2-4SL	1	14	18	31	.3	6	4	237	3.28	5	5	ND	1	6	1	2	2	110	.12	.028	6	29	.24	36	.21	3	1.46	.01	.02	1	1
4204-87-2-5SL	1	40	22	81	.4	24	12	407	9.20	9	5	ND	2	6	1	2	2	161	.15	.055	5	68	.85	71	.53	2	4.91	.01	.04	1	1
STD C/AU-S	17	57	42	131	6.9	67	27	1030	3.97	38	18	7	38	48	17	17	21	55	.50	.078	36	58	.89	173	.08	35	1.87	.06	.12	13	47

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MM	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	M	AU#
	PPM	PPM	PPM	PPM	PPH	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
4204-87-1R	1	236	35	230	.7	88	41	2026	9.06	130	5	ND	4	127	1	2	8	157	4.19	.053	7	89	1.86	146	.01	13	1.42	.02	.07	1	127
4204-87-2R	1	234	18	134	.1	69	56	2804	12.20	97	5	ND	3	8	1	5	10	279	.05	.058	3	37	.14	54	.01	7	1.14	.01	.03	1	11
4204-87-3R	12	46	13	52	.1	6	7	1137	4.24	9	5	ND	1	14	1	6	3	48	.33	.042	3	10	.95	111	.22	4	1.35	.08	.11	2	2
4204-87-4R	4	122	15	73	.1	8	12	1399	5.80	11	5	ND	2	18	1	5	3	70	.47	.077	5	14	1.57	69	.23	16	2.22	.06	.12	1	1
4204-87-5R	2	78	10	91	.2	25	40	1853	10.41	30	5	ND	1	271	1	2	8	235	6.63	.112	20	1	2.45	87	.05	7	1.41	.02	.05	1	1
4204-87-6R	19	136	13	102	.2	22	18	1076	6.21	6	5	ND	3	15	1	6	9	129	.67	.114	8	14	2.16	30	.30	2	2.45	.06	.03	1	1
4204-87-7R	6	29	20	51	.2	1	6	770	5.48	4	5	ND	1	6	1	4	13	161	.30	.029	5	28	1.95	15	.31	2	1.47	.05	.03	1	1
4204-87-8R	1	167	13	79	.2	72	35	1254	7.58	9	5	ND	2	169	1	2	7	128	3.93	.046	5	87	1.99	231	.03	9	.96	.02	.06	1	9
4204-87-9R	4	10	8	25	.1	19	3	818	4.95	7	5	ND	1	43	1	2	2	95	5.44	.033	6	10	.08	10	.01	31	.13	.02	.01	2	1
4204-87-10R	1	39	10	99	.1	24	31	1768	6.34	27	6	ND	1	391	1	4	3	120	13.39	.100	7	4	3.03	658	.01	2	.63	.02	.08	1	1
4204-87-11R	6	17	10	4	.1	18	9	182	12.78	16	5	ND	1	6	1	2	13	178	.22	.039	2	3	.02	127	.01	22	.01	.01	.01	4	2
4204-87-12R	1	36	8	71	.1	12	5	696	3.73	17	5	ND	1	284	1	2	4	26	6.84	.020	2	2	2.13	172	.01	29	.38	.02	.12	1	1
4204-87-13R	1	42	13	39	.1	1	7	1546	5.33	20	6	ND	1	1028	1	2	2	38	18.31	.015	7	1	5.10	61	.01	2	.19	.01	.01	1	1
4204-87-14R	10	155	7	41	.1	17	22	220	6.52	9	5	ND	1	1	1	3	6	137	.07	.040	4	20	.84	10	.05	2	1.36	.09	.03	1	2
4204-87-15R	2	43	14	26	.1	6	13	205	7.72	9	5	ND	1	8	1	6	2	128	.11	.043	4	21	1.05	12	.09	7	1.53	.07	.05	2	1
4204-87-16R	1	6	3	3	.1	5	2	124	1.02	2	5	ND	1	17	1	2	2	9	.28	.002	2	4	.20	3	.01	12	.18	.01	.01	1	2
STD C/AU-R	19	58	41	126	7.1	66	29	1059	4.07	39	18	8	40	51	18	17	20	57	.49	.084	38	60	.89	172	.08	38	1.84	.06	.13	13	500



LEGEND

- Reed
- Stream
- Claim Post
- - - Claim Boundary
- ~ Fault
- Contact, known
- - - Contact, assumed
- 87-1 Soil Sample & Number
- 87-3 Rock Sample & Number

- Gbr Gabbro
- bsl Basalt
- ctf Bonded green white grey fine grain cherty tuff, foliated
- gas Medium coarse grain greywacke sandstone
- stn Siltstone
- chif Dark green chloritic tuff, foliated
- schp Chloritic sericite schist/phyllite
- pltr Schistose purple grey lapilli lithic tuff
- gtrf Schistose green grey lapilli lithic tuff
- App Augite porphyry
- chsch Greenish red purple chlorite schist
- chschp Chlorite biot schist

- py Pyritic
- Ank Ankeritic
- arg Argillite

GEOLOGICAL BRANCH ASSESSMENT REPORT

16,478

IMPERIAL METALS CORPORATION
HASLAM CREEK
FIGURE 5 N.T.S. 92C/16E

PROPERTY GEOLOGY



SCALE: 1:5000 GEOLOGIST: M. BARNES
DATE: NOVEMBER 1987 DRAWN BY: S. HAWORTH