

10/88

GEOCHEMICAL SURVEYS ON THE PORCHER ISLAND CLAIMS

Claims : Tippy #38573 (05)
Toby 2 #38575 (05)
BR 1 #829 (11)
Toby 1 #38574 (05)
Kerry #38576 (05)
BR 2 # 830 (11)

Mining Division: Skeena

NTS : 103 J / 2E

Latitude : 54° 01' 30"N

Longitude : 130° 35' 30"W

Owner : Cathedral Gold Corporation

Operator : Cathedral Gold Corporation

Author : Alan B. Taylor

Date : January 15, 1988

LOG NO: 0205	RD.
ACTION:	
FILE NO:	

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,076

FILMED

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APPENDIX 1 - Geochemical Techniques and Results

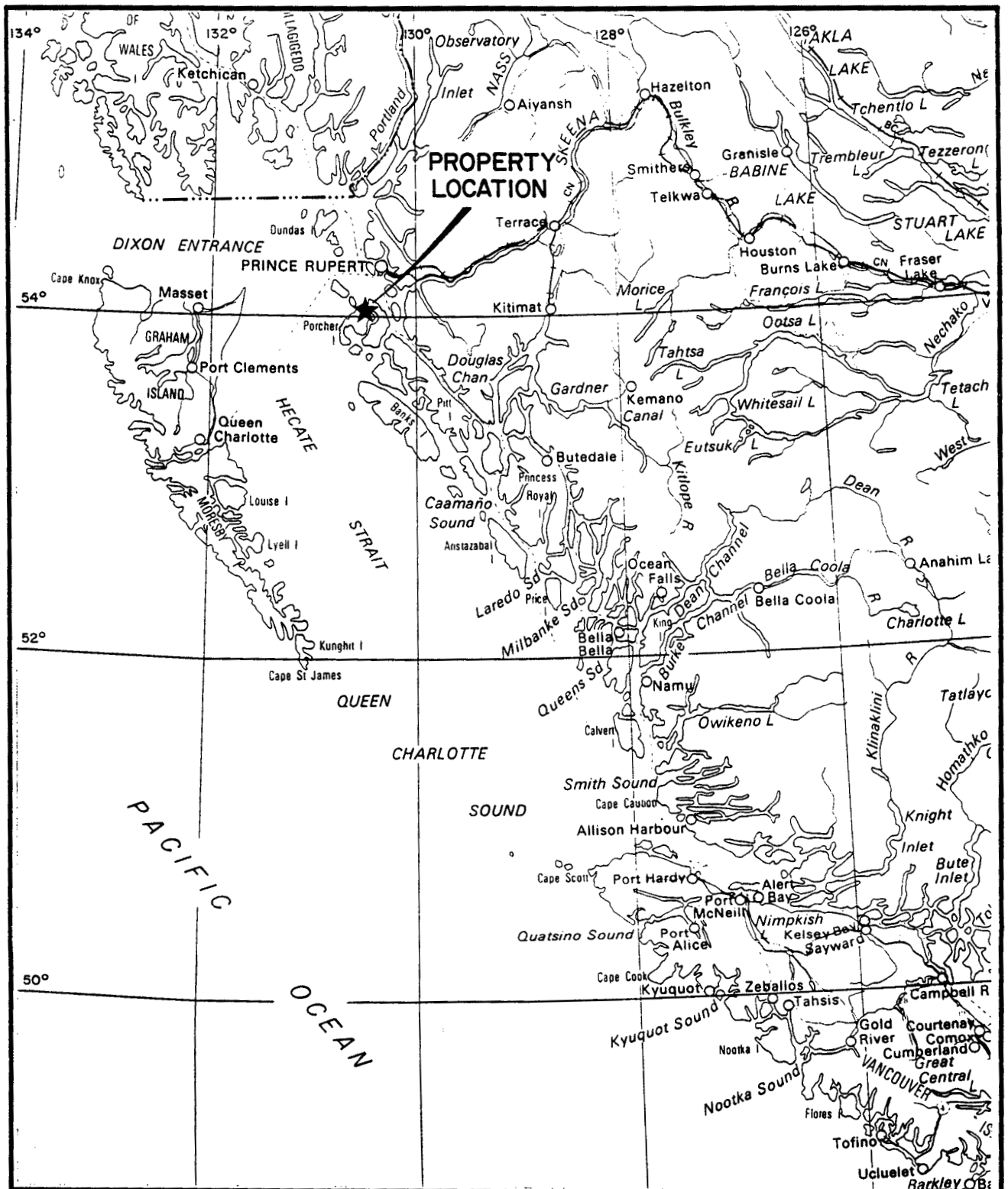
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FIGURE 3A - 1:2500 Porcher Island - Northern Half 1987 Geochemical Grids	In back pocket
FIGURE 3B - 1:2500 Porcher Island - Southern Half 1987 Geochemical Grid	In back pocket

1.0 INTRODUCTION

The Porcher Island claims are located approximately 40 km southwest of Prince Rupert, British Columbia and encompass a subcircular quartz diorite plug which intrudes the Jurassic Prince Rupert Schists. Surf Point Mine produced over 10,000 tons of 0.20 oz gold from pyritic-quartz veins in the intrusive. A geochemical survey was completed on the property adjacent to the mine site to check for further mineralization zones.

The results reveal very subtle anomalies in the poorly developed soils which should be followed-up. One rock collected ran 3.29 oz/t gold from a pyritic shear and should be definitely followed-up. This rock shows good potential for gold mineralization in other parts of the intrusive away from minesite and that soils may not be best for further exploration.



IMPERIAL METALS CORPORATION

PORCHER ISLAND

FIGURE 1

LOCATION MAP

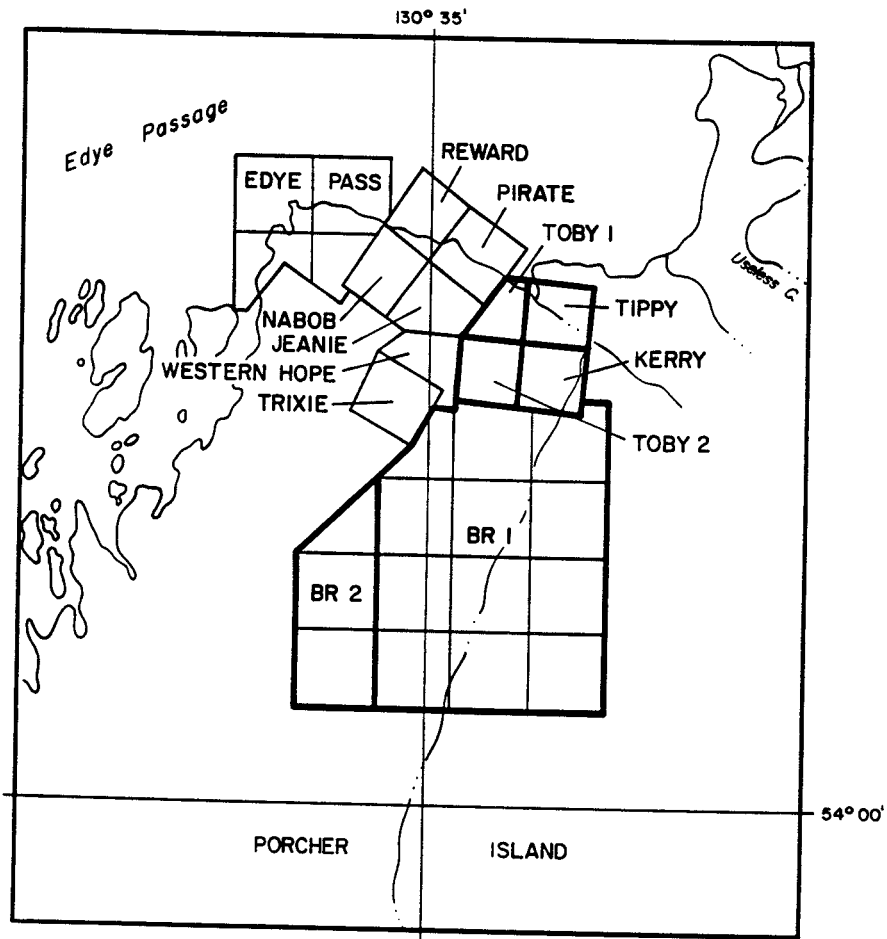


SCALE: 1:3 750 000

GEOLOGIST: A. TAYLOR

DATE: JANUARY, 1988

DRAWN BY: J. CORKUM



IMPERIAL METALS CORPORATION

PORCHER ISLAND

FIGURE 2

N.T.S. 103/J2

CLAIM MAP



SCALE: 1:50 000

GEOLOGIST: A. TAYLOR

DATE: JANUARY, 1988

DRAWN BY: J. CORKUM

1.1 Location and Access:

Porcher Island is located approximately 40 km southwest of the town of Prince Rupert. The property is found on the northwest corner of Porcher Island on tidewater and can be accessed via boat, float plane or helicopter with all supplies coming from Prince Rupert. There are presently no roads on the property.

Physiographically the property is typical of coastal type setting with 1 to 2 m of muskeg or bog overlying bedrock on relatively flat slopes with large rain forest type timber on steeper slope. Bell Mountain is the main geographic feature and rises moderately to 1600 feet above sea level. Stunted firs and cedar occur in the muskeg regions.

1.2 Property Definition:

The property consists of the following claims grouped together as the Porcher Island Claims, 100% owned by Cathedral Gold Corporation.

<u>Claim Name</u>	<u>Record No.</u>	<u>Unit(s)</u>	<u>Expiry Date</u>
Toby 1	38574 (05)	1	May 01, 1988
Toby 2	38575 (05)	1	May 01, 1988
Tippy	38573 (05)	1	May 01, 1988
Kerry	38576 (05)	1	May 01, 1988
BR 1	829 (11)	12	Nov 14, 1988
BR 2	830 (11)	3	Nov 14, 1988

These claims surround to the East the old mine workings of Surf Point and Edge Pass which produced a total of 64,995 tons of 0.30 oz/t gold and 12,957 tons of 0.20 oz/t gold respectively.

1.3 Summary of Work Completed:

A base camp supported by fixed wing float plane was established at tide-water at the Edye Mine portal on Edye Pass from May 14 through May 30, 1987.

It was decided to test the soils in the area for anomalous value by creating a number of grids and contour lines to test for extensions to the known auriferous veins. Soils are poorly developed in the area due to climatic conditions and the use of soil augers was employed, which have a probing depth of 1.5 m, to sample the residual material located adjacent to the actual bed-rock. A total of 941 soils were collected from the PIB grid, 4 contour lines and 1 stream line as indicated in Figure 3a and 3b. Also a total of 132 silt samples were collected from 2 drainages and 6 rocks. All sample locations were flagged in the field and analysed by ACME ANALYTICAL LABS in Vancouver by 30 element ICP method and gold by atomic absorption techniques (see Appendix 1).

2.0 GEOLOGY

2.1 General Geology:

The Porcher Island claims encompass a small subcircular (4 km²) quartz diorite plug of Cretaceous age (part of the coast Range Batholith) which intrudes the Jurassic or older Prince Rupert Schists. The schists consist mostly of amphibolite, metadiorite and gabbro and encircle the diorite plug. Auriferous quartz veins in the quartz diorite occur in dilatent and shear structures within the quartz diorite.

The Surf Point mine operated from 1930 through 1938 with minor production from the lower Edye Pass Mine.

2.2 Results and Interpretation:

Results of the geochemical surveys overall indicate very low numbers, however this is to be expected from such poorly developed soils. Subtle anomalies (>20 ppb Au) may be significant and should be focussed upon. On the PIB grid a set of east-west Au anomalies occur and may indicate a similar structure extending away from the mine site, although contamination from previous work may be a factor.

Significant anomalies along PIB 7+00W, 6+50W and contour PISP-700 W line are definitely related to old workings. One rock collected on PISP 900W 2+80N contour line (sample # PIAT-12R) was of 2" massive pyrite vein in a shear and ran 112300 ppb Au. This rock should be followed up and is significant in showing that gold bearing veins exist 400 m south of the old mine in the quartz diorite.

3.0 RECOMMENDATIONS:

- (1) Follow-up by detailed prospecting, mapping and sampling the entire west slope where rock PIAT-12R was found to test for further auriferous showings.
- (2) Follow-up geophysics (VLF-Magm IP) over the PIB grid to see if a similar anomalous trend is picked up as is indicated by subtle geochemical anomalies.

STATEMENT OF EXPENDITURES

Personnel - Field

A. Taylor	May 14 - May 30 (17 days @ \$165)	\$ 2,805
M. Baknes	May 14 - May 30 (17 days @ \$130)	2,210
J. Walker	May 19 - May 30 (12 days @ \$125)	1,500
T. East	May 19 - May 30 (12 days @ \$125)	1,500
D. Johannessen	May 19 - May 30 (12 days @ \$ 95)	1,140

Room & Board (70 days @ \$ 40/day) 2,800

TOTAL FIELD PERSONNEL COSTS \$ 11,955

Transportation

Helicopter	(\$495/hr plus fuel and oil)	\$ 2,556
Fixed Wing		581
Truck		200
Airfare	(Vancouver to Prince Rupert, J. Walker, T. East, D. Johannessen)	<u>563</u>

TOTAL TRANSPORTATION COSTS \$ 3,900

Geochemical

Soils	(941 x \$11.00)	\$10,351
Silts	(107 + 25 = 132 x \$11.00)	1,452
Rocks	(6 x \$13.25)	80
Shipping	(65 + 177 + 15)	<u>397</u>

TOTAL ANALYTICAL COSTS \$ 12,280

Miscellaneous

Report Writing	(A. Taylor)	\$ 1,000
Drafting	(S. Haworth)	1,000
Miscellaneous		<u>500</u>

TOTAL MISCELLANEOUS COSTS \$ 2,500

TOTAL \$ 30,635

Less 10% for work done off-ground \$ 3,064

APPLY \$ 27,571

CERTIFICATE

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 BR 1, BR 2, Tippy, Topy 1, Toby 2, and Kerry claims was undertaken under my direct supervision.

DATED at the City of Vancouver this 26 day of January, 1988.

Alan B. Taylor
Alan B. Taylor, Geologist

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APPENDIX 1

GEOCHEMICAL ICP ANALYSIS

.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 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-ROCK P2-6 SOILS AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 3 1987 DATE REPORT MAILED: *June 15/87* ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

IMPERIAL METALS CORPORATION File # 87-1564 Page 1

PORCHER ROCKS

*South West Pt
 Shear Qtz
 Shear Rhy
 dike - slide
 qtz vein - slide
 py metab. - slide
 to vein LGS14
 Dawson Ore
 Edun Pt Qtz
 C VEIN
 (JW) slide valley
 MB contour 900 2ppm
 Little dikes*

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
JW-87-1R	243	723	2	14	.3	5	23	199	1.21	2	5	ND	2	25	1	2	2	12	1.44	.017	2	4	.35	14	.02	2	.42	.08	.02	1	24
JW-87-2R	1	5	4	99	.1	46	23	897	4.10	2	5	ND	2	24	1	2	2	113	3.67	.053	2	246	2.64	19	.16	2	2.02	.06	.05	1	1
JW-87-3R	2	11	2	9	.1	2	2	129	.51	2	5	ND	1	6	1	2	3	5	.07	.010	2	2	.15	63	.02	2	.28	.08	.12	1	1
PIAT-2R	1	60	10	121	.2	88	25	1015	6.48	5	9	ND	7	142	1	2	2	137	3.45	.191	28	41	1.92	60	.29	2	2.57	.24	.09	1	2
PIAT-3R	1	11	2	7	.1	4	1	196	.62	2	5	ND	1	5	1	2	2	6	.10	.009	2	7	.16	6	.01	2	.17	.01	.01	1	1
PIAT-4R	1	71	6	58	.1	26	25	1167	5.79	2	5	ND	4	154	1	5	2	160	5.25	.091	3	49	3.40	28	.13	2	3.00	.07	.05	1	3
PIAT-5R	1	5	2	3	.1	4	1	61	.41	3	5	ND	1	11	1	2	2	3	.10	.004	2	4	.04	3	.01	2	.09	.01	.01	1	4
PIAT-6R	1	3	2	2	.1	3	1	54	.35	4	5	ND	1	1	1	2	2	1	.02	.001	2	4	.01	3	.01	2	.02	.01	.01	1	1
PIAT-7R	5	4	2	1	.8	2	28	43	2.50	2	5	7	1	2	1	3	8	1	.10	.002	2	1	.01	8	.01	3	.02	.01	.02	889	7110
PIAT-8R	1	3	2	2	.1	3	1	38	.28	2	5	ND	1	3	1	2	2	1	.07	.001	2	5	.02	2	.01	3	.02	.01	.01	4	20
PIAT-9R	1	4	2	1	.1	1	1	38	.25	5	5	ND	1	1	1	2	2	1	.08	.002	2	3	.01	1	.01	2	.01	.01	.01	5	17
PIAT-10R	1	78	7	1	19.6	1	74	11	17.69	3	5	74	1	1	1	3	45	1	.03	.001	2	1	.02	5	.01	6	.01	.01	.01	1	152400
PIAT-11R	4	40	3	11	.1	4	4	1784	.97	2	5	ND	5	524	1	2	2	17	11.02	.009	2	11	.35	19	.01	2	.34	.06	.01	3	22
PIAT-12R	31	198	7	5	72.8	5	54	245	11.71	2	5	84	1	5	1	3	50	2	.08	.008	2	2	.12	10	.01	5	.14	.01	.01	2	112300
PIAT-13R	1	9	4	6	.1	2	2	80	.60	3	5	ND	1	18	1	2	4	4	.16	.009	2	2	.10	28	.02	3	.24	.09	.03	1	115
STD C/AU-R	21	59	41	134	6.7	70	29	1029	3.86	44	18	7	34	48	18	16	18	64	.45	.102	36	62	.86	181	.08	33	1.72	.07	.12	12	510

✓ Assay suggested

IMPERIAL METALS CORPORATION FILE # 87-1564

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SK	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	M	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM	PPM
PISP 900W 15+00N	1	4	7	22	.1	3	1	54	.23	2	5	ND	2	18	1	3	2	24	.12	.024	5	7	.08	18	.10	8	1.65	.02	.01	1	1
PISP 900W 14+75N	1	3	6	25	.1	3	1	89	.36	2	5	ND	1	19	1	2	2	26	.15	.014	3	4	.14	25	.15	2	.85	.02	.01	1	3
PISP 900W 14+50N	1	1	5	14	.1	1	1	55	.14	2	5	ND	1	16	1	2	2	13	.11	.010	3	1	.02	9	.16	3	.26	.02	.01	1	9
PISP 900W 14+25N	1	6	8	17	.1	3	1	76	1.14	2	5	ND	1	55	1	2	2	25	.13	.016	3	4	.05	38	.11	4	.52	.02	.01	1	7
PISP 900W 14+00N	1	2	9	18	.1	7	1	78	.42	2	5	ND	1	21	1	2	2	21	.11	.017	5	4	.08	28	.19	3	1.34	.01	.01	1	4
PISP 900W 13+75N	1	2	8	14	.1	7	1	52	.19	2	5	ND	1	23	1	2	2	15	.12	.019	3	3	.02	26	.14	3	.32	.02	.01	1	1
PISP 900W 13+50N	1	2	4	11	.2	5	1	63	.31	2	5	ND	1	17	1	2	2	11	.12	.015	3	3	.03	11	.07	2	.23	.02	.01	1	1
PISP 900W 13+25N	1	1	8	13	.1	2	1	46	.13	2	5	ND	1	16	1	2	3	6	.13	.014	2	1	.02	11	.05	4	.19	.01	.01	1	1
PISP 900W 13+00N	1	2	3	29	.1	4	1	73	.28	2	5	ND	1	28	1	3	3	7	.13	.029	4	3	.05	40	.05	4	.37	.02	.03	1	14
PISP 900W 12+75N	1	4	6	15	.1	10	1	91	.93	2	5	ND	1	53	1	2	2	19	.16	.016	3	4	.04	45	.08	4	.28	.02	.03	1	4
PISP 900W 12+50N P	1	2	4	26	.1	9	2	147	1.46	3	5	ND	1	31	1	2	2	38	.22	.026	3	4	.16	27	.16	4	.55	.03	.03	1	11
PISP 900W 12+25N	1	7	5	62	.2	3	1	50	.59	2	5	ND	1	25	1	3	2	10	.16	.158	5	9	.07	36	.02	12	1.33	.03	.05	1	3
PISP 900W 12+00N	1	2	2	13	.1	7	1	74	.54	3	5	ND	1	22	1	2	2	29	.14	.025	4	6	.08	22	.12	3	.61	.03	.01	1	6
PISP 900W 11+75N	1	3	5	23	.1	2	1	55	.23	2	5	ND	1	21	1	2	2	8	.12	.040	3	4	.04	25	.06	2	.51	.02	.01	1	1
PISP 900W 11+50N	1	2	7	13	.1	13	1	64	.22	3	5	ND	1	26	1	2	2	16	.12	.019	5	5	.04	42	.14	2	.86	.01	.02	1	1
PISP 900W 11+25N	1	3	7	25	.1	5	1	103	.90	2	5	ND	1	25	1	2	2	28	.15	.036	3	5	.13	35	.11	3	.80	.03	.03	1	5
PISP 900W 11+00N	2	6	7	44	.4	6	5	537	2.34	4	5	ND	1	31	1	2	2	81	.18	.073	7	8	.18	43	.12	2	1.72	.02	.04	1	8
PISP 900W 10+75N	1	1	9	18	.1	12	1	89	.27	2	5	ND	1	31	1	3	2	15	.14	.029	4	3	.06	32	.09	2	.62	.02	.03	1	4
PISP 900W 10+50N	1	3	4	24	.3	4	1	63	.18	3	5	ND	1	19	1	2	2	7	.11	.041	4	2	.03	22	.04	3	.53	.02	.02	2	1
PISP 900W 10+25N	1	2	7	16	.1	3	1	102	.37	2	5	ND	1	27	1	2	2	19	.16	.012	5	7	.11	24	.15	3	.75	.01	.03	1	15
PISP 900W 10+00N	1	2	8	20	.2	4	1	81	.36	2	5	ND	1	15	1	2	2	17	.10	.025	5	4	.11	23	.11	2	.87	.02	.03	2	1
PISP 900W 9+75N	1	2	8	19	.1	3	1	83	.53	2	5	ND	1	22	1	2	2	12	.11	.017	5	2	.06	24	.09	3	.83	.02	.03	1	12
PISP 900W 9+50N	1	3	4	19	.1	3	1	78	.29	2	5	ND	1	36	1	2	2	15	.16	.027	6	4	.09	38	.12	2	1.42	.02	.02	1	8
PISP 900W 9+25N	1	5	6	25	.2	3	1	131	1.18	3	5	ND	1	25	1	2	2	22	.14	.015	5	2	.09	25	.10	2	.50	.02	.03	1	10
PISP 900W 9+00N	1	2	6	17	.1	2	1	73	.24	3	5	ND	1	16	1	2	2	9	.10	.022	3	4	.05	22	.07	3	.34	.02	.03	1	6
PISP 900W 8+75N	6	5	7	28	.1	7	1	120	.57	2	5	ND	1	30	1	2	3	15	.12	.031	6	2	.10	52	.11	2	.71	.02	.05	2	9
PISP 900W 8+50N	2	2	7	19	.1	7	1	161	.72	2	5	ND	1	25	1	2	2	17	.12	.019	6	1	.11	45	.12	2	.70	.02	.03	1	1
PISP 900W 8+25N	1	2	3	17	.2	2	1	75	.26	3	5	ND	1	25	1	2	2	12	.11	.019	4	4	.05	36	.10	3	.53	.01	.04	1	1
PISP 900W 8+00N	1	1	7	15	.1	4	1	58	.26	2	5	ND	1	24	1	2	2	33	.11	.021	5	4	.05	30	.17	6	.92	.01	.02	1	2
PISP 900W 7+75N	1	2	6	19	.1	8	1	103	.71	2	5	ND	1	21	1	2	2	29	.11	.024	7	2	.10	28	.14	2	1.19	.02	.03	1	1
PISP 900W 7+50N	1	4	7	29	.1	12	2	174	1.84	4	5	ND	1	19	1	2	4	42	.13	.018	5	5	.25	34	.13	6	1.05	.02	.06	1	1
PISP 900W 7+25N	1	1	6	17	.1	4	1	60	.23	2	5	ND	1	16	1	2	2	10	.08	.024	4	3	.05	22	.07	2	.59	.02	.03	1	2
PISP 900W 7+00N	1	3	5	31	.1	7	1	116	1.71	6	5	ND	1	40	1	2	2	33	.13	.018	4	4	.07	55	.20	2	.66	.02	.03	1	1
PISP 900W 6+75N	1	2	7	17	.2	3	1	46	.21	2	5	ND	1	18	1	2	2	14	.09	.022	4	5	.05	23	.11	3	1.02	.02	.03	1	1
PISP 900W 6+50N	1	2	7	26	.1	5	1	90	.29	2	5	ND	1	21	1	2	2	13	.10	.027	5	1	.08	37	.10	3	.77	.02	.04	1	1
PISP 900W 6+25N	1	2	4	17	.1	10	1	66	1.01	2	5	ND	1	19	1	2	2	31	.09	.011	4	7	.03	24	.16	2	.51	.02	.02	1	4
STD C/AU-S	20	59	41	137	7.1	69	29	1041	3.79	39	17	7	34	50	18	16	20	66	.46	.104	36	60	.84	187	.09	37	1.62	.07	.13	13	51

sur f. Pent
900' contour

IMPERIAL METALS CORPORATION FILE # 87-1564

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
PISP 900W 6+00N	1	1	2	22	.1	8	1	99	.27	6	5	ND	1	24	1	2	2	11	.11	.016	3	4	.10	38	.10	2	.77	.01	.06	3	3
PISP 900W 5+75N	1	2	5	15	.1	3	1	73	.63	3	5	ND	1	21	1	2	2	14	.09	.011	3	2	.04	27	.09	3	.28	.02	.02	2	1
PISP 900W 5+50N	1	1	2	44	.1	5	1	83	.42	6	5	ND	1	14	1	2	2	8	.08	.038	5	1	.07	31	.06	3	.53	.02	.03	3	1
PISP 900W 5+25N	1	3	4	32	.2	4	1	124	.60	2	5	ND	1	21	1	2	2	13	.09	.025	4	3	.13	38	.07	2	.51	.02	.04	1	33
PISP 900W 5+00N	1	2	2	19	.1	10	1	55	.23	2	5	ND	1	13	1	3	2	11	.08	.015	4	2	.08	19	.08	3	1.07	.02	.01	1	1
PISP 900W 4+75N	1	1	4	11	.1	3	1	37	.15	3	5	ND	1	11	1	2	2	12	.07	.010	2	1	.02	12	.12	3	.22	.02	.01	1	1
PISP 900W 4+50N	1	2	2	24	.1	9	1	112	1.04	2	5	ND	1	27	1	2	2	20	.14	.019	4	2	.11	40	.11	3	.52	.02	.03	1	1
PISP 900W 4+25N	1	1	3	10	.1	12	1	44	.16	2	5	ND	1	19	1	2	2	11	.09	.018	4	4	.04	23	.10	2	.71	.01	.01	1	87
PISP 900W 4+00N	1	3	5	17	.1	5	1	57	.19	2	5	ND	1	14	1	3	2	8	.09	.017	4	2	.05	21	.07	2	.89	.02	.02	1	15
PISP 900W 3+75N	1	2	3	16	.1	9	1	79	.55	2	5	ND	1	22	1	2	2	10	.10	.025	4	3	.05	24	.11	4	.48	.02	.03	1	1
PISP 900W 3+50N	1	2	2	17	.1	9	1	42	.14	2	5	ND	1	15	1	2	2	6	.08	.025	4	4	.03	17	.05	4	.79	.01	.01	1	5
PISP 900W 3+25N	1	2	2	16	.1	6	1	22	.08	2	5	ND	1	9	1	2	2	4	.05	.019	2	1	.01	13	.04	2	.47	.01	.02	1	1
PISP 900W 3+00N	1	4	4	22	.2	4	1	85	.28	4	5	ND	1	10	1	2	2	8	.05	.025	8	4	.15	23	.08	3	.73	.01	.03	1	1
PISP 900W 2+75N	4	9	2	32	.1	9	3	238	4.11	2	5	ND	3	6	1	2	2	44	.03	.014	12	7	.48	30	.23	2	1.21	.02	.03	1	17
PISP 900W 2+50N	1	3	2	14	.1	8	1	68	.44	5	5	ND	1	9	1	2	2	13	.05	.013	9	4	.13	29	.12	3	.46	.01	.05	1	1
PISP 900W 2+25N	3	5	4	31	.1	10	3	469	2.95	2	5	ND	2	23	1	2	2	73	.16	.037	11	10	.26	63	.19	2	2.63	.02	.08	3	2
PISP 900W 2+00N	1	15	4	39	.1	8	3	354	1.98	2	5	ND	1	28	1	2	2	34	.16	.042	7	6	.26	66	.14	2	1.76	.03	.05	2	1
PISP 900W 1+75N	2	12	2	26	.2	14	2	182	1.73	2	5	ND	1	17	1	2	2	35	.10	.031	5	2	.32	43	.14	2	1.03	.02	.06	1	1
PISP 900W 1+50N	2	7	2	15	.1	8	2	95	.87	3	5	ND	1	8	1	2	2	33	.08	.013	7	12	.30	39	.21	2	.93	.02	.05	1	1
PISP 900W 1+25N	1	4	2	16	.1	13	3	105	1.53	2	5	ND	1	8	1	2	2	39	.12	.011	3	26	.50	39	.17	3	.71	.03	.06	1	1
PISP 900W 1+00N	2	16	6	25	.1	10	2	174	1.27	4	5	ND	3	17	1	2	2	36	.18	.023	7	11	.49	52	.19	3	1.44	.02	.16	1	2
PISP 900W 0+75N	3	10	2	19	.1	7	2	151	1.10	2	5	ND	2	12	1	2	2	38	.13	.013	7	9	.47	44	.20	2	1.32	.02	.04	1	2
PISP 900W 0+50N	1	6	2	16	.1	9	2	72	.40	2	5	ND	1	15	1	2	2	22	.13	.026	4	9	.18	14	.07	2	1.19	.01	.01	1	1
PISP 900W 0+25N	1	12	2	23	.1	13	2	105	.79	4	5	ND	2	17	1	2	2	24	.16	.031	6	14	.29	31	.12	2	1.79	.02	.05	3	1
PISP 900W 0+00N	3	13	3	44	.1	29	4	373	1.61	2	5	ND	1	17	1	2	2	39	.16	.024	6	8	.45	60	.15	2	1.25	.02	.10	1	1
PISP 700 1	1	9	4	68	.1	4	1	50	1.89	2	5	ND	1	30	1	4	2	27	.12	.064	3	4	.12	31	.06	6	.73	.02	.05	1	1
PISP 700 2	1	10	4	32	.2	3	1	35	.72	2	5	ND	1	11	1	3	2	31	.07	.044	2	11	.06	14	.07	3	.86	.02	.02	1	1
PISP 700 3	1	7	2	19	.1	3	2	72	.37	2	5	ND	1	11	1	2	2	21	.08	.009	2	4	.18	24	.10	3	.83	.01	.06	1	1
PISP 700 4	1	9	6	28	.1	4	2	94	.59	2	5	ND	1	16	1	4	2	35	.14	.014	5	11	.23	17	.18	2	1.44	.02	.02	1	1
PISP 700 5	1	40	4	61	.1	9	5	202	1.46	2	5	ND	1	13	1	2	2	51	.14	.038	8	9	.81	94	.14	2	2.69	.02	.19	1	1
PISP 700 6	4	10	2	40	.1	3	2	157	1.35	3	5	ND	1	20	1	2	2	38	.12	.021	4	6	.32	25	.12	3	.92	.02	.03	1	3
PISP 700 7	2	5	8	15	.1	2	1	60	.48	4	5	ND	1	11	1	4	2	26	.08	.022	3	7	.09	25	.21	3	.37	.02	.02	1	1
PISP 700 8	2	14	3	59	.1	3	1	24	.28	4	5	ND	1	11	1	3	2	17	.08	.058	3	7	.04	22	.04	4	.63	.02	.02	1	1
PISP 700 9	9	5	4	26	.1	2	1	67	.31	3	5	ND	1	18	1	2	2	18	.09	.013	2	5	.15	20	.15	4	.62	.01	.03	1	1
PISP 700 10	8	5	3	34	.1	4	2	121	.83	2	5	ND	1	10	1	2	2	37	.13	.012	6	14	.31	37	.20	2	.88	.02	.07	1	2
PISP 700 11	1	2	5	11	.1	1	1	29	.22	5	5	ND	1	8	1	2	2	22	.07	.006	2	1	.05	10	.16	2	.25	.01	.03	1	1
STD C/AU-5	20	61	40	137	7.2	72	29	1042	4.00	43	16	8	35	49	18	16	19	59	.45	.104	36	60	.86	187	.09	33	1.75	.07	.14	14	52

2430 ppb zinc

at Post
AOC
counter

↓
at Post
100 ppb
counter

IMPERIAL METALS CORPORATION FILE # 87-1564

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	AUR
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
PISP 700 12 P	1	5	2	92	.1	5	1	24	.24	2	5	ND	1	10	1	2	2	6	.08	.048	3	7	.03	15	.03	4	.51	.02	.01	1	2
PISP 700 13 P	1	7	5	86	.2	5	2	87	.72	-3	.5	ND	1	9	1	2	2	23	.21	.040	5	8	.25	22	.06	2	1.11	.03	.03	1	1
PISP 700 14	1	4	4	17	.1	3	1	83	.54	2	5	ND	1	14	1	2	2	19	.15	.009	7	4	.26	26	.14	2	1.04	.02	.04	1	1
PISP 700 15	1	1	6	13	.1	5	1	59	.41	6	5	ND	1	5	1	2	2	32	.11	.010	5	18	.16	8	.24	2	.64	.03	.01	1	1
PISP 700 16	11	5	3	21	.1	3	1	72	1.48	2	5	ND	3	4	1	2	2	50	.04	.018	19	4	.31	40	.11	2	.66	.02	.07	1	2
PISP 700 17	8	6	7	18	.1	4	1	52	.31	4	5	ND	1	12	1	2	2	18	.10	.019	7	7	.13	19	.11	2	.74	.01	.02	1	4
PISP 700 18	7	2	3	22	.1	4	1	121	2.72	2	5	ND	2	5	1	2	2	24	.05	.007	10	1	.22	49	.22	2	.59	.02	.10	2	1
PISP 700 19	2	1	3	12	.2	1	1	36	.26	2	5	ND	1	5	1	2	2	6	.03	.014	9	3	.07	27	.10	2	.27	.01	.03	1	2
PISP 700 20	1	1	4	19	.1	3	1	52	.35	2	5	ND	2	7	1	2	2	16	.04	.016	14	8	.08	21	.13	2	.46	.01	.02	1	1
PISP 700 21	1	1	8	21	.2	3	1	116	.68	4	5	ND	1	25	1	2	2	23	.19	.012	6	1	.12	26	.11	2	1.10	.01	.03	1	1
PISP 700 22	1	1	7	23	.1	1	1	48	.11	4	5	ND	1	13	1	2	2	9	.07	.013	3	1	.03	9	.09	4	.31	.02	.02	1	1
PISP 700 23	1	1	4	21	.1	2	1	82	.36	2	5	ND	1	22	1	2	2	10	.14	.035	4	3	.07	26	.05	2	.49	.02	.04	1	1
PISP 700 24	1	1	7	17	.1	3	1	70	.41	2	5	ND	1	33	1	2	2	20	.16	.014	4	1	.05	27	.13	2	.56	.02	.02	1	1
PISP 700 25	1	1	8	16	.1	5	1	68	1.13	3	5	ND	1	18	1	2	2	19	.12	.009	4	1	.03	19	.13	2	.67	.02	.02	1	1
PISP 700 26	1	1	10	25	.1	3	1	63	.28	2	5	ND	1	23	1	2	2	18	.13	.020	4	4	.05	31	.14	2	.75	.01	.04	1	1
PISP 700 27	1	4	6	31	.1	6	2	116	2.88	6	5	ND	1	33	1	2	2	74	.24	.011	4	9	.24	31	.28	2	.88	.03	.03	1	1
PISP 700 28	1	2	6	22	.1	3	1	66	1.57	5	5	ND	1	26	1	2	2	31	.11	.020	4	2	.06	37	.11	2	.54	.02	.02	1	1
PISP 700 29	1	2	7	22	.1	5	1	88	1.07	2	5	ND	1	17	1	2	2	27	.11	.014	6	5	.15	30	.13	2	.66	.02	.04	1	1
PISP 700 30	1	2	3	26	.1	1	1	117	.68	2	5	ND	1	22	1	2	2	15	.12	.028	4	2	.11	36	.08	2	.41	.02	.06	2	1
PISP 700 31	1	4	6	27	.1	1	1	54	.25	2	5	ND	1	25	1	2	2	13	.10	.034	4	1	.05	40	.07	2	.53	.02	.04	1	69
PISP 700 32	1	1	9	35	.1	2	1	175	1.67	3	5	ND	1	27	1	2	2	47	.16	.014	4	3	.17	35	.19	2	.71	.02	.04	1	1
PISP 700 33	1	1	6	18	.2	1	1	43	.13	2	5	ND	1	20	1	2	2	8	.10	.011	3	2	.02	22	.07	2	.40	.01	.02	1	1
PISP 700 34	1	1	7	11	.1	2	1	34	.12	3	5	ND	1	16	1	2	2	11	.09	.018	4	4	.02	16	.08	2	.57	.01	.02	1	2
PISP 700 35 P	2	6	7	50	.1	2	1	81	.72	3	5	ND	1	20	1	2	2	11	.14	.055	4	8	.12	37	.05	2	.64	.02	.05	1	8
PISP 700 36	1	1	3	28	.1	1	1	62	.26	2	5	ND	1	20	1	2	2	13	.13	.020	3	3	.08	16	.09	3	.51	.02	.01	1	1
PISP 700 37 P	1	3	11	56	.3	3	1	25	.17	2	5	ND	1	14	1	2	2	10	.07	.062	6	6	.03	28	.04	3	1.04	.02	.02	2	1
PISP 700 38 P	1	3	11	86	.1	3	1	44	.47	2	5	ND	1	20	1	2	2	12	.10	.067	6	5	.05	32	.06	3	1.01	.03	.03	1	1
PISP 700 39 P	1	3	12	54	.1	4	1	45	.45	5	5	ND	1	19	1	3	2	18	.12	.052	5	5	.08	27	.09	3	1.21	.02	.04	1	6
PISP 700 40 P	1	3	3	61	.2	3	1	23	.20	2	5	ND	1	18	1	2	2	7	.14	.083	5	2	.04	25	.03	3	1.13	.02	.03	1	9
PISP 700 41	1	1	2	11	.1	1	1	78	.44	2	5	ND	1	15	1	2	2	12	.13	.009	3	2	.05	16	.11	2	.40	.01	.01	1	1
PISP 700 42	1	4	8	47	.1	5	5	339	5.98	5	5	ND	1	32	1	2	2	142	.32	.006	2	4	1.25	19	.55	2	2.23	.04	.05	2	1
PISP 700 43	1	2	.7	16	.1	2	1	119	.83	2	5	ND	1	21	1	2	2	21	.15	.009	4	1	.10	24	.11	2	.40	.02	.05	1	2
PISP 700 44	1	1	4	11	.3	1	1	46	.15	2	5	ND	1	16	1	2	2	10	.09	.007	2	1	.02	19	.09	2	.26	.02	.03	1	84
PISP 700 45	1	1	11	16	.2	2	1	56	.21	3	5	ND	1	17	1	2	2	15	.11	.017	3	4	.03	20	.11	2	.56	.01	.03	1	32
PISP 700 46	1	1	3	16	.1	2	1	64	.22	2	5	ND	1	27	1	2	2	14	.15	.022	3	4	.06	26	.10	2	.42	.02	.02	1	1
PISP 700 47	1	1	5	19	.1	2	1	70	.30	2	5	ND	1	20	1	2	2	13	.15	.017	4	4	.07	21	.11	2	.39	.02	.03	1	1
STD C/AU-S	20	58	41	132	6.8	68	28	997	4.01	42	14	7	33	47	17	16	20	63	.48	.099	35	57	.85	178	.08	36	1.63	.07	.14	12	48

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 %	M PPM	AUT PPB
PISP 700 48	1	2	4	19	.2	3	1	32	.16	2	5	ND	1	19	1	2	2	11	.09	.020	3	4	.05	27	.10	2	.52	.02	.02	1	3
PISP 700 49	1	2	4	17	.1	3	1	125	1.02	2	5	ND	1	16	1	2	2	21	.11	.008	4	1	.11	22	.13	2	.47	.02	.05	1	1
PISP 700 50	1	1	3	15	.2	3	1	52	.35	2	5	ND	1	32	1	2	2	10	.14	.017	3	3	.03	33	.03	2	.53	.02	.02	1	1
PISP 700 51	1	1	7	25	.1	2	1	97	.41	2	5	ND	1	23	1	2	2	15	.14	.015	3	4	.07	25	.10	2	.47	.02	.05	1	1
PISP 700 52	1	1	4	15	.1	1	1	35	.19	3	5	ND	1	21	1	2	2	7	.09	.026	3	4	.02	21	.04	2	.36	.02	.02	1	1
PISP 700 53	1	1	7	18	.3	1	1	57	.14	4	5	ND	1	16	1	2	3	8	.08	.009	3	3	.03	17	.07	2	.29	.01	.04	2	2
PISP 700 54	1	1	3	16	.3	1	1	39	.10	2	5	ND	2	13	1	2	2	7	.06	.007	2	1	.02	19	.03	3	.30	.01	.05	1	98
PISP 700 55	1	3	4	44	.1	3	1	18	.08	2	5	ND	1	11	1	2	2	5	.04	.028	3	6	.01	18	.03	3	.59	.02	.02	1	690
PISP 700 56	1	2	8	23	.1	2	1	55	.24	2	5	2	1	16	1	2	3	16	.10	.011	3	5	.06	15	.10	5	.66	.01	.03	1	720
PISP 700 57	1	2	2	15	.2	3	1	24	.12	3	5	ND	1	14	1	2	2	5	.07	.015	2	4	.02	17	.02	2	.36	.01	.02	1	2
PISP 700 58	1	2	4	26	.2	1	1	59	.26	2	5	ND	1	13	1	2	3	8	.08	.011	2	2	.05	15	.04	3	.34	.02	.04	1	285
PISP 700 59	2	36	5	45	3.8	6	4	147	5.09	3	5	30	1	21	1	2	14	17	.12	.057	5	5	.14	21	.05	2	.46	.01	.05	1	28900
PISP 700 60	1	2	7	10	.1	3	1	27	.13	3	5	ND	1	14	1	2	4	9	.06	.013	3	8	.02	14	.06	2	.39	.01	.02	1	445
PISP 700 61	1	12	9	35	.4	5	2	40	.25	3	5	ND	1	18	1	2	5	12	.11	.018	4	8	.07	19	.05	2	1.08	.01	.02	1	815
PI 114S	9	7	4	118	.1	5	13	17491	5.30	6	5	ND	2	46	1	2	2	62	.50	.063	8	5	.26	196	.07	3	1.89	.02	.04	2	2
PI 115S	3	10	4	57	.1	4	11	3831	2.90	4	5	ND	2	23	1	2	2	47	.26	.042	6	9	.43	76	.11	3	1.12	.02	.12	1	1
PI 116S	3	13	6	49	.1	5	12	2378	2.57	5	5	ND	1	17	1	2	2	47	.18	.024	4	8	.49	73	.12	4	1.04	.02	.13	1	1
PI 117S	4	14	5	56	.1	7	19	3379	3.05	4	5	ND	1	18	1	2	2	52	.20	.027	5	13	.48	79	.12	2	1.10	.02	.13	1	1
PI 118S	3	13	5	41	.2	5	11	1757	2.45	3	5	ND	2	17	1	2	2	50	.18	.032	4	8	.48	67	.12	2	1.18	.02	.14	1	2
PI 119S	1	15	2	41	.1	5	8	928	1.92	2	5	ND	1	27	1	2	2	42	.31	.042	3	8	.61	80	.12	2	.96	.03	.17	2	1
PI 120S	3	18	2	50	.1	7	9	858	2.14	2	5	ND	2	27	1	2	2	49	.31	.036	4	15	.73	91	.14	2	1.08	.03	.24	1	2
PI 121S	2	24	2	62	.1	6	11	1446	2.51	4	5	ND	2	25	1	2	2	52	.25	.034	4	13	.68	98	.14	2	1.14	.03	.22	1	1
PI 122S	2	15	5	45	.1	6	8	832	1.80	2	5	ND	1	17	1	2	3	41	.19	.027	5	15	.53	85	.11	2	.97	.02	.16	1	1
PI 124S	4	23	5	68	.1	10	13	1579	2.80	4	5	ND	2	27	1	2	2	58	.25	.048	5	24	.77	115	.14	7	1.32	.03	.27	1	2
PI 125S	5	84	4	89	.2	23	15	513	5.49	4	5	ND	3	145	1	3	2	111	.52	.036	11	33	1.69	578	.29	5	3.29	.07	.56	2	2
PI 126S	3	21	7	47	.1	8	11	1149	2.26	6	5	ND	1	23	1	2	2	50	.20	.032	5	13	.58	89	.12	2	1.03	.02	.19	1	1
PI 127S	4	25	3	54	.1	9	13	1161	2.86	3	5	ND	2	35	1	2	3	64	.28	.045	6	21	.84	136	.15	2	1.29	.03	.31	2	1
PI 128S	4	32	7	85	.2	18	18	1458	3.50	4	5	ND	2	39	1	2	2	83	.35	.057	6	60	1.24	154	.19	2	1.80	.04	.41	2	1
PI 129S	2	24	4	65	.1	13	12	761	2.79	3	5	ND	2	37	1	2	2	64	.43	.082	6	38	.88	110	.14	2	1.39	.04	.25	1	4
PI 130S	4	93	3	91	.1	18	23	888	3.75	3	5	ND	2	46	1	3	2	90	.46	.070	6	49	1.54	207	.20	2	1.73	.03	.47	1	1
PI 131S	2	56	4	85	.1	17	19	1051	3.83	7	5	ND	2	52	1	2	2	91	.48	.065	5	43	1.27	213	.17	2	1.69	.03	.45	2	1
PI 132S	7	171	5	52	.2	4	12	502	2.95	2	5	ND	1	21	1	2	2	48	.18	.036	3	12	.53	57	.08	2	1.00	.02	.16	1	2
PI 133S	2	130	2	76	.1	12	20	835	4.07	4	5	ND	3	37	1	2	2	94	.42	.082	7	27	1.33	234	.17	2	1.65	.03	.44	1	1
PI 134S	3	98	6	79	.1	24	22	851	4.13	8	5	ND	2	46	1	2	2	96	.46	.076	6	41	1.46	221	.18	2	1.83	.04	.49	1	1
PI 135S	2	49	3	62	.1	12	15	847	3.00	5	5	ND	2	35	1	2	2	69	.32	.057	5	30	.92	126	.15	4	1.43	.03	.24	1	1
PI 136S	7	143	5	86	.1	19	19	946	3.85	2	5	ND	2	47	1	2	2	86	.47	.089	6	35	1.43	222	.19	2	2.11	.04	.52	1	1
STD C/AU-S	20	59	38	135	7.0	69	28	1016	3.79	42	18	7	34	48	18	14	22	64	.43	.101	36	58	.84	182	.08	35	1.68	.07	.13	13	48

Surf Point
700' contour

on Surf Point
working?

Silts from
Silt south of
Surf Point

IMPERIAL METALS FILE # 87-1564

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	HG	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	PPB	
PI 137S P	2	36	3	48	.2	10	12	493	2.94	2	9	ND	1	74	1	2	2	71	.45	.063	4	23	.89	204	.16	2	1.30	.05	.40	2	3
PI 138S	3	49	6	68	.1	19	22	1135	4.43	2	5	ND	1	45	1	2	2	98	.44	.082	6	40	1.10	170	.17	2	1.69	.04	.40	1	1
PI 139S P	1	23	2	40	.2	10	9	519	2.21	2	5	ND	1	45	1	2	2	51	.49	.053	5	26	.75	106	.14	2	1.06	.06	.27	1	1
PI 140S P	1	19	2	39	.1	9	9	438	2.17	4	5	ND	1	58	1	2	2	52	.58	.067	5	18	.70	104	.13	2	1.02	.05	.24	2	1
STD C	20	59	36	133	7.1	71	29	1034	3.87	38	17	7	34	49	18	15	21	65	.45	.103	36	60	.85	183	.09	36	1.71	.07	.14	14	-

GEOCHEMICAL ICP ANALYSIS

.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 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: P1-15 SOILS P16 CORE AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUN 1 1987 DATE REPORT MAILED: *June 10/87* ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

IMPERIAL METALS CORPORATION PROJECT - 4544 File # 87-1509 Page 1

SAMPLE#	NO 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	AUG PPB
P1 900W 22+00N	1	1	12	75	.1	1	1	78	.41	2	5	ND	1	17	1	2	2	16	.12	.057	3	7	.17	14	.05	2	1.32	.02	.02	2	1
P1 900W 21+50N	1	2	6	17	.1	2	1	69	.37	2	5	ND	2	23	1	2	2	19	.12	.016	3	5	.12	11	.09	2	.81	.01	.02	1	1
P1 900W 21+00N	1	7	5	61	.2	2	2	67	.60	2	5	ND	1	30	1	2	2	20	.32	.063	5	8	.13	21	.04	3	1.29	.02	.03	1	2
P1 900W 20+50N	1	1	10	23	.1	8	2	109	.69	2	5	ND	1	23	1	2	2	35	.19	.017	5	10	.25	16	.14	4	1.46	.02	.03	1	1
P1 900W 20+00N	1	5	13	57	.1	8	2	112	.69	2	5	ND	1	34	1	2	2	18	.25	.056	3	8	.21	17	.05	2	.92	.05	.03	1	1
P1 900W 19+50N	1	4	11	27	.1	3	3	87	.90	2	5	ND	1	22	1	2	4	36	.13	.019	4	9	.26	24	.15	2	1.22	.02	.04	1	1
P1 900W 19+00N	1	6	15	26	.3	6	2	91	.60	10	5	ND	1	22	1	2	4	31	.18	.032	5	7	.22	18	.09	5	1.82	.03	.03	1	1
P1 900W 18+50N	1	4	8	14	.1	5	2	96	.86	6	5	ND	1	25	1	2	2	38	.17	.011	4	6	.22	16	.17	2	1.73	.02	.02	1	1
P1 900W 18+00N	1	5	7	54	.1	5	1	48	.36	4	7	ND	1	24	1	2	2	32	.13	.058	5	10	.09	18	.04	4	1.20	.02	.03	1	1
P1 900W 17+50N	1	1	18	14	.2	12	1	54	.52	2	5	ND	1	18	1	2	2	36	.10	.014	2	6	.09	13	.14	2	.69	.01	.03	1	14
P1 900W 17+00N	1	3	5	19	.1	5	1	111	.81	2	5	ND	1	22	1	3	2	26	.12	.014	5	6	.15	16	.11	4	1.20	.02	.03	1	6
P1 900W 16+50N	1	3	2	27	.1	16	4	224	1.99	3	5	ND	1	23	1	2	2	46	.19	.022	4	9	.32	28	.19	5	1.31	.02	.05	1	8
P1 900W 16+00N	1	6	6	33	.3	10	3	128	1.88	7	5	ND	1	16	1	3	2	29	.12	.027	4	4	.17	17	.07	5	.74	.02	.04	1	5
P1 900W 15+50N	1	3	4	24	.1	9	2	158	2.21	2	5	ND	1	21	1	2	2	36	.09	.013	6	4	.14	32	.15	6	1.48	.01	.04	1	1
P1 900W 15+00N	1	10	12	32	.2	11	2	183	1.28	3	5	ND	2	23	1	2	2	30	.12	.038	8	5	.20	28	.10	4	1.56	.01	.04	1	3
P1 900W 14+50N	3	10	8	30	.1	7	4	313	2.00	3	5	ND	1	18	1	2	2	44	.11	.027	10	6	.24	21	.10	2	1.74	.02	.02	1	4
P1 900W 14+00N	2	9	24	29	.1	20	3	246	1.40	2	5	ND	2	33	1	2	2	54	.16	.015	6	6	.21	27	.20	2	1.08	.01	.05	1	2
P1 900W 13+50N	1	1	18	29	.1	7	3	151	2.15	4	5	ND	1	18	1	2	2	50	.15	.019	7	9	.21	28	.18	2	1.58	.01	.04	1	1
P1 900W 13+00N	1	14	12	37	.2	9	3	123	1.64	6	5	ND	1	16	1	2	2	43	.15	.036	7	8	.24	25	.10	2	1.68	.02	.05	1	1
P1 900W 12+50N	1	6	2	29	.1	11	2	152	.57	2	5	ND	1	18	1	2	2	16	.11	.019	5	4	.19	21	.08	2	.82	.01	.05	1	1
P1 900W 12+00N	3	14	11	24	.1	6	2	105	.77	7	5	ND	1	19	1	2	2	36	.23	.052	7	9	.19	21	.10	7	1.47	.02	.04	1	1
P1 900W 11+50N	9	5	6	32	.1	8	1	158	1.77	2	5	ND	1	21	1	2	2	34	.12	.026	7	4	.13	22	.07	2	.75	.01	.03	1	1
P1 900W 11+00N	126	40	19	67	.2	8	74	29640	6.62	4	10	ND	3	19	1	2	2	51	.08	.036	15	9	.13	42	.09	6	3.73	.01	.05	1	6
P1 900W 10+50N	89	14	8	45	.1	13	24	8717	4.78	4	7	ND	1	22	1	2	6	47	.14	.030	13	10	.30	35	.12	2	2.96	.02	.04	1	1
P1 900W 10+00N	2	3	5	10	.2	6	1	117	.47	4	5	ND	1	10	1	4	2	13	.04	.011	2	3	.08	10	.04	2	.56	.01	.01	4	13
P1 900W 9+50N	2	9	15	32	.1	20	2	277	1.57	2	5	ND	2	36	1	2	2	53	.17	.014	6	6	.23	28	.22	2	1.21	.02	.07	1	23
P1 900W 9+00N	1	7	11	51	.2	15	2	156	1.43	2	5	ND	1	27	1	2	2	27	.12	.067	6	12	.11	36	.06	6	.85	.02	.06	1	22
P1 900W 8+50N	1	7	18	34	.1	19	4	270	3.01	8	5	ND	1	31	1	2	2	77	.13	.044	11	8	.18	35	.12	2	1.53	.02	.04	1	23
P1 900W 8+00N	1	6	2	34	.2	8	2	121	1.40	4	5	ND	1	15	1	3	2	38	.10	.038	7	6	.15	18	.07	3	1.08	.01	.03	2	8
P1 900W 7+50N	3	10	6	55	.1	7	4	1015	2.06	3	5	ND	1	19	1	2	2	31	.13	.049	11	9	.20	32	.08	2	1.47	.02	.04	1	16
P1 900W 7+00N	1	1	3	20	.1	12	1	141	.97	2	5	ND	1	24	1	2	2	31	.08	.016	4	4	.05	23	.16	4	.32	.01	.04	2	1
P1 900W 6+50N	1	10	2	30	.1	19	4	186	1.40	6	5	ND	1	26	1	2	3	55	.23	.019	5	31	.58	46	.25	3	1.29	.03	.07	1	6
P1 900W 6+00N	1	7	4	37	.1	19	6	752	3.08	4	5	ND	1	18	1	4	2	41	.11	.029	9	6	.22	34	.16	4	1.59	.02	.06	1	65
P1 900W 5+50N	1	4	4	35	.1	17	2	148	.69	6	5	ND	1	18	1	2	2	30	.11	.024	4	7	.23	38	.16	5	.95	.01	.06	1	16
P1 900W 5+00N	1	7	11	45	.5	11	6	205	6.56	2	5	ND	1	16	1	2	2	93	.10	.024	6	7	.19	28	.14	6	1.24	.01	.05	1	65
P1 900W 4+50N	2	1	3	34	.1	11	3	181	1.43	6	5	ND	1	22	1	2	2	46	.16	.022	7	8	.28	22	.17	2	1.29	.02	.03	1	21
STD C/AU-6	21	59	41	144	6.8	72	31	1099	3.99	41	17	8	36	52	19	17	21	61	.45	.106	39	59	.84	185	.09	38	1.70	.07	.15	12	52

IMPERIAL METALS PROJECT - 4544 FILE # 87-1509

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	AUT
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
P1 900W 4+00N	1	1	6	37	.1	8	1	173	1.21	2	5	ND	1	24	1	2	2	28	.18	.027	5	5	.22	27	.10	2	1.26	.02	.04	1	11
P1 900W 3+50N	1	7	2	41	.1	20	4	221	1.28	3	5	ND	1	32	1	2	2	44	.25	.039	8	9	.43	47	.15	7	1.97	.02	.05	1	12
P1 900W 3+00N	1	12	9	52	.1	7	7	573	3.03	3	5	ND	1	46	1	2	2	49	.22	.030	5	8	.47	62	.12	3	.98	.03	.08	1	15
P1 900W 2+50N	1	10	5	40	.1	9	5	272	3.70	3	5	ND	1	23	1	2	2	79	.25	.019	6	10	.48	39	.25	4	1.80	.02	.04	1	6
P1 900W 2+00N	1	6	2	35	.1	18	3	152	1.33	2	5	ND	1	22	1	2	3	52	.24	.021	6	11	.41	26	.16	2	1.64	.02	.03	1	9
P1 900W 1+50N	1	4	7	33	.1	13	4	375	3.14	3	5	ND	1	25	1	2	2	54	.20	.010	5	7	.29	25	.20	3	1.54	.02	.02	1	3
P1 900W 1+00N	1	16	4	48	.1	10	5	227	2.64	2	5	ND	1	23	1	2	2	63	.22	.017	5	9	.40	41	.22	2	1.28	.02	.04	1	3
P1 900W 0+50N	1	28	2	54	.1	7	2	95	1.58	2	5	ND	1	23	1	2	2	46	.19	.063	7	8	.21	36	.06	2	1.51	.02	.01	1	1
P1 900E 18+50N	1	8	9	26	.3	10	2	152	1.92	2	5	ND	1	43	1	2	2	59	.30	.050	4	2	.32	55	.18	2	2.16	.03	.03	1	1
P1 900E 18+00N	1	4	2	25	.1	10	3	139	1.22	2	5	ND	1	22	1	2	3	50	.29	.021	4	7	.40	50	.17	2	1.82	.03	.06	1	1
P1 900E 17+50N	1	6	8	30	.1	6	1	81	.52	2	5	ND	1	28	1	2	2	35	.21	.042	5	8	.21	34	.14	4	1.57	.02	.01	1	1
P1 900E 17+00N	1	16	7	35	.1	14	5	196	3.26	3	5	ND	1	26	1	2	2	76	.27	.034	5	15	.58	44	.21	2	2.20	.02	.07	1	3
P1 900E 16+50N	1	31	2	56	.2	11	7	261	3.70	2	5	ND	1	30	1	2	2	74	.35	.051	6	15	.67	58	.18	2	2.03	.03	.12	1	1
P1 900E 16+00N	1	6	2	22	.1	7	2	96	.70	2	5	ND	1	23	1	2	2	36	.23	.027	4	9	.27	27	.16	2	1.05	.02	.03	1	1
P1 900E 15+50N	1	9	8	27	.1	15	3	146	1.32	2	5	ND	1	27	1	2	2	39	.28	.028	5	11	.45	42	.14	2	1.61	.03	.04	1	1
P1 900E 15+00N	1	10	6	34	.1	7	3	140	1.38	5	5	ND	1	29	1	2	3	36	.32	.050	5	10	.43	42	.10	2	1.57	.03	.05	1	1
P1 900E 14+50N	1	11	6	35	.1	15	5	188	2.87	2	5	ND	1	26	1	2	2	80	.30	.028	5	32	.64	28	.30	5	2.17	.03	.02	1	2
P1 900E 14+00N	1	4	9	22	.2	8	2	110	.94	2	5	ND	1	32	1	2	2	39	.28	.025	2	14	.32	38	.17	2	.85	.03	.04	1	1
P1 900E 13+50N	1	10	7	24	.1	26	3	118	1.13	2	5	ND	1	52	1	2	4	46	.31	.033	3	21	.36	30	.16	2	1.23	.03	.03	1	1
P1 900E 13+00N	1	3	2	16	.1	6	2	63	.46	2	5	ND	1	26	1	2	2	22	.19	.033	2	14	.17	17	.10	2	.58	.03	.03	1	2
P1 900E 12+50N	1	19	8	42	.1	13	6	201	1.98	2	5	ND	1	34	1	2	2	47	.35	.040	5	16	.65	85	.14	4	1.44	.03	.15	1	2
P1 900E 12+00N	4	10	10	28	.1	7	4	176	2.20	2	5	ND	1	48	1	2	2	64	.29	.042	4	11	.42	64	.15	2	1.56	.03	.05	1	1
P1 900E 11+50N	6	7	2	33	.1	5	3	175	2.00	2	5	ND	1	66	1	2	2	53	.29	.035	3	6	.34	26	.10	3	1.21	.04	.02	2	1
P1 900E 11+00N	3	3	8	19	.1	9	2	103	.92	2	5	ND	1	41	1	2	2	39	.20	.017	2	4	.18	27	.13	2	1.04	.03	.01	1	1
P1 900E 10+50N	11	8	7	23	.1	11	3	133	1.72	2	5	ND	1	38	1	2	2	50	.21	.024	3	5	.31	28	.15	2	1.41	.03	.02	1	5
P1 900E 10+10N	3	15	15	102	.2	8	3	249	1.18	5	5	ND	1	69	1	2	2	28	.49	.063	13	11	.29	84	.05	2	1.15	.04	.08	1	1
P1 900E 9+50N	2	5	5	31	.1	10	3	189	1.37	2	5	ND	1	28	1	2	2	46	.29	.025	6	7	.43	41	.20	3	1.65	.02	.06	1	2
P1 900E 9+00N	4	12	7	25	.2	7	4	194	1.51	6	5	ND	1	29	1	2	2	37	.42	.061	5	8	.44	46	.11	2	1.08	.03	.07	1	4
P1 900E 8+50N	15	14	2	36	.1	14	4	190	1.52	2	5	ND	1	30	1	2	2	46	.33	.042	8	11	.52	44	.14	2	2.20	.03	.05	1	5
P1 900E 8+00N	1	6	9	21	.1	4	2	96	.69	5	5	ND	1	24	1	2	2	35	.20	.019	5	10	.27	21	.13	2	1.40	.02	.01	1	11
P1 900E 7+50N	3	9	4	26	.1	13	3	143	.94	2	5	ND	1	25	1	2	3	37	.30	.020	6	17	.44	37	.20	3	1.86	.03	.05	1	3
P1 900E 7+00N	1	14	13	36	.1	6	6	241	4.60	5	5	ND	1	18	1	2	2	91	.16	.029	6	13	.39	28	.13	2	1.42	.02	.05	1	10
P1 900E 6+50N	1	7	4	33	.1	10	5	211	1.46	2	5	ND	1	26	1	2	2	40	.41	.057	8	13	.65	39	.16	2	2.47	.03	.06	1	3
P1 900E 6+00N	2	9	7	25	.1	6	2	96	.68	4	5	ND	1	21	1	2	2	23	.21	.030	5	7	.23	28	.10	2	1.15	.02	.03	1	1
P1 900E 5+50N	1	1	7	33	.1	19	3	261	1.40	2	5	ND	1	24	1	2	2	29	.16	.019	5	3	.32	40	.12	2	1.45	.02	.10	1	8
P1 900E 5+00N	2	3	7	16	.1	19	1	81	.47	2	5	ND	1	20	1	2	2	26	.13	.021	5	6	.14	19	.13	2	1.43	.01	.02	1	1
STD C/AU-S	18	56	37	125	6.8	65	27	947	3.93	37	16	7	30	44	16	17	20	57	.47	.090	33	54	.86	166	.08	39	1.71	.06	.12	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 %	WA %	K %	W PPM	AUS PPB
P1 900E 4+50N	1	7	12	28	.1	7	3	136	2.54	2	5	ND	1	23	1	2	2	99	.24	.016	4	13	.32	18	.28	2	1.01	.02	.01	1	7
P1 900E 4+00N	1	8	3	26	.1	20	3	143	1.59	2	5	ND	1	25	1	2	2	44	.23	.021	4	11	.33	27	.17	2	.97	.03	.03	1	1
P1 900E 3+50N	1	22	2	38	.1	13	5	175	1.54	7	5	ND	1	17	1	2	2	64	.28	.058	9	9	.51	50	.18	3	1.21	.02	.10	1	2
P1 900E 3+00N	1	21	4	50	.1	14	5	231	1.98	3	5	ND	1	21	1	2	2	68	.29	.036	9	10	.61	73	.23	2	1.61	.03	.15	1	6
P1 900E 2+50N	1	42	2	70	.1	15	9	332	2.21	2	5	ND	1	23	1	2	2	71	.33	.057	8	22	.83	109	.22	2	1.42	.03	.24	1	1
P1 900E 2+00N	1	58	13	96	.1	21	15	628	3.86	4	5	ND	1	37	1	2	2	94	.37	.050	5	32	1.32	131	.26	8	2.07	.03	.41	1	14
P1 900E 1+50N	1	26	32	54	.2	14	7	256	3.62	4	5	ND	1	28	1	2	2	104	.29	.026	6	16	.65	39	.31	2	1.70	.03	.10	1	36
P1 900E 1+00N	2	32	12	80	.1	12	9	401	1.76	2	5	ND	1	40	1	2	2	52	.45	.071	7	17	.76	113	.14	2	1.54	.03	.15	1	3
P1 900E 0+50N	1	42	8	67	.1	19	10	301	3.26	3	5	ND	1	33	1	2	2	81	.34	.050	6	21	.82	74	.23	2	1.69	.04	.11	1	3
P1B 7+00W 1+25N	1	11	2	47	.3	6	7	250	2.48	3	5	ND	1	31	1	2	3	70	.40	.028	9	15	.57	20	.17	2	2.99	.03	.02	1	75
P1B 7+00W 1+00N	1	1	5	23	.1	2	1	63	.32	3	5	ND	1	21	1	2	2	24	.15	.011	4	5	.09	21	.13	2	.89	.01	.03	1	89
P1B 7+00W 0+75N	1	3	2	28	.1	2	1	92	.43	6	5	ND	1	22	1	2	4	19	.12	.019	4	5	.19	15	.08	2	1.11	.01	.01	1	36
P1B 7+00W 0+50N	1	7	10	38	.2	1	2	140	1.17	4	5	ND	1	49	1	2	2	46	.25	.012	4	6	.24	31	.25	2	1.49	.03	.02	1	16
P1B 7+00W 0+25N P	1	9	6	80	.1	6	1	79	.41	3	5	ND	1	28	1	2	2	14	.30	.044	5	5	.05	19	.05	3	.72	.02	.01	1	42
P1B 7+00W 0+00S	1	5	4	46	.1	2	1	44	.24	2	5	ND	1	24	1	2	2	12	.15	.024	3	3	.06	15	.07	2	.80	.02	.01	1	19
P1B 7+00W 0+25S P	1	9	2	176	.3	4	1	45	.22	3	5	ND	1	14	1	2	2	17	.24	.051	5	3	.03	15	.02	2	.81	.02	.01	1	38
P1B 7+00W 0+50S P	1	7	3	71	.1	4	1	31	.25	2	5	ND	1	20	1	2	2	16	.15	.040	4	5	.05	18	.06	2	.95	.02	.01	1	169
P1B 7+00W 0+75S	1	1	11	21	.1	1	1	56	.27	2	5	ND	1	27	1	2	2	37	.16	.009	4	5	.07	16	.17	2	1.11	.01	.01	1	410
P1B 7+00W 1+00S	1	23	2	55	.1	8	4	184	1.11	3	5	ND	1	32	1	2	2	48	.46	.062	8	15	.46	48	.11	2	1.26	.03	.03	1	28
P1B 7+00W 1+25S	1	4	15	47	.2	2	1	37	.15	2	5	ND	1	14	1	2	2	18	.09	.020	4	3	.04	18	.12	2	.81	.01	.01	2	250
P1B 7+00W 1+50S	2	68	10	48	1.0	4	5	489	.91	7	5	2	1	38	1	2	2	25	.58	.050	7	6	.29	25	.08	2	1.26	.02	.03	1	925
P1B 7+00W 1+75S	1	1	2	40	.1	3	1	76	.27	2	5	ND	1	27	1	2	2	20	.14	.022	2	2	.04	15	.11	2	.50	.01	.02	1	220
P1B 7+00W 2+00S	1	2	3	33	.1	3	1	102	.63	2	5	ND	1	21	1	2	3	40	.14	.014	4	4	.17	17	.24	2	1.05	.01	.02	1	171
P1B 7+00W 2+25S	1	4	5	17	.1	1	1	40	.31	4	5	ND	1	16	1	2	5	23	.12	.012	4	2	.03	13	.12	2	1.11	.01	.01	1	95
P1B 7+00W 2+50S	1	3	3	26	.1	1	1	65	.50	2	5	ND	1	18	1	2	2	23	.13	.027	5	5	.08	13	.07	3	.87	.01	.02	1	18
P1B 7+00W 2+75S	1	4	5	20	.1	2	1	68	.41	5	5	ND	1	25	1	2	2	37	.15	.009	3	3	.09	19	.15	2	.76	.01	.01	1	15
P1B 7+00W 3+00S	1	2	5	35	.1	3	2	122	.65	7	5	ND	1	38	1	2	2	40	.23	.015	5	5	.20	29	.13	2	1.33	.02	.02	1	11
P1B 7+00W 3+25S	1	9	4	47	.3	5	2	105	.74	2	5	ND	1	37	1	4	2	29	.23	.027	5	8	.19	30	.12	4	1.63	.02	.02	1	24
P1B 7+00W 3+50S	1	2	5	54	.2	5	2	129	1.10	7	5	ND	1	38	1	2	2	27	.20	.039	4	5	.20	30	.09	2	1.00	.03	.03	2	3
P1B 7+00W 3+75S	1	2	7	34	.1	3	1	96	.62	4	5	ND	1	35	1	2	2	28	.18	.033	4	5	.17	24	.09	2	1.25	.02	.01	1	1
P1B 7+00W 4+00S	1	1	2	49	.1	1	1	76	.43	4	5	ND	1	32	1	2	2	21	.14	.024	4	3	.11	21	.10	2	1.19	.02	.01	1	6
P1B 7+00W 4+25S	2	5	5	25	.1	3	2	147	.82	3	5	ND	1	40	1	2	2	41	.24	.020	3	6	.25	25	.19	2	1.03	.02	.04	1	3
P1B 7+00W 4+50S	1	3	4	22	.2	1	1	76	.49	4	5	ND	1	20	1	2	2	36	.18	.017	3	6	.10	21	.18	2	.60	.02	.03	1	1
P1B 7+00W 4+75S	1	1	2	22	.1	1	1	32	.18	2	5	ND	1	14	1	2	2	17	.09	.018	5	8	.05	14	.08	2	1.55	.01	.01	1	2
P1B 7+00W 5+00S	1	4	9	23	.1	1	1	104	.46	2	5	ND	1	18	1	2	2	27	.17	.024	3	7	.18	24	.21	2	.63	.02	.02	1	1
P1B 7+00W 5+25S	1	5	7	84	.2	3	1	38	.24	7	5	ND	1	23	1	2	2	16	.15	.045	6	8	.05	24	.09	2	1.34	.02	.01	1	1
STD C/AU-S	19	59	39	137	7.2	67	30	1033	4.04	47	17	8	34	48	17	16	20	61	.47	.102	36	59	.86	181	.08	35	1.67	.07	.14	12	47

P1B
Grid

IMPERIAL METALS CORPORATION PROJECT-4544 FILE # 87-1509

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
PIB 7+00W 5+50S	1	2	4	32	.1	2	1	38	.19	2	5	ND	1	20	1	2	2	17	.13	.019	4	4	.07	16	.07	2	.87	.01	.02	1	3
PIB 7+00W 5+75S	1	6	4	31	.1	3	1	48	.27	2	5	ND	1	25	1	2	3	12	.17	.037	4	5	.09	28	.08	2	1.13	.02	.02	1	1
PIB 7+00W 6+00S	1	4	5	39	.2	3	1	29	.13	2	5	ND	1	17	1	3	2	21	.10	.019	5	9	.05	14	.13	2	1.52	.01	.02	1	1
PIB 7+00W 6+25S	1	6	3	22	.1	2	1	70	1.58	2	5	ND	1	26	1	2	2	62	.16	.013	3	4	.07	18	.21	4	.83	.02	.03	1	2
PIB 7+00W 6+50S	1	4	2	92	.1	1	1	54	.59	2	5	ND	1	66	1	2	2	11	.50	.042	2	1	.11	60	.21	5	.19	.03	.07	1	1
PIB 7+00W 6+75S	1	1	4	19	.2	1	1	69	1.00	6	5	ND	1	15	1	2	2	47	.14	.010	2	1	.09	8	.26	2	.49	.02	.02	1	1
PIB 7+00W 7+00S	1	4	3	40	.1	4	1	34	.41	2	5	ND	1	22	1	2	2	18	.13	.035	4	5	.06	14	.06	4	1.38	.01	.03	1	1
PIB 7+00W 7+25S	1	3	2	16	.1	2	1	86	.82	2	5	ND	1	20	1	2	2	28	.28	.022	5	6	.17	14	.09	3	1.44	.02	.02	1	1
PIB 7+00W 7+50S	1	5	8	35	.1	3	3	184	1.95	2	6	ND	2	43	1	3	2	129	.31	.039	9	10	.42	22	.12	6	2.18	.03	.03	2	1
PIB 7+00W 7+75S	1	1	3	36	.1	5	1	66	.84	2	5	ND	1	28	1	2	2	32	.14	.029	3	3	.15	18	.05	3	1.02	.02	.02	1	1
PIB 7+00W 8+00S	1	5	6	71	.1	5	1	27	.31	5	5	ND	1	22	1	2	2	13	.13	.050	4	4	.05	16	.03	3	.74	.01	.02	1	2
PIB 7+00W 8+25S	1	6	5	32	.1	3	1	57	.39	4	5	ND	1	17	1	2	2	27	.12	.025	4	4	.13	11	.05	2	1.05	.01	.01	1	1
PIB 7+00W 8+50S	1	3	4	26	.3	1	1	50	.34	2	5	ND	1	17	1	2	3	22	.12	.023	4	4	.12	10	.06	2	1.39	.01	.02	1	1
PIB 7+00W 8+75S	1	2	2	37	.1	6	1	77	.54	2	5	ND	1	15	1	2	3	19	.14	.027	3	6	.19	14	.08	2	.96	.02	.03	1	1
PIB 7+00W 9+00S P	1	1	3	25	.1	1	1	84	.67	2	5	ND	1	15	1	2	3	36	.13	.019	2	2	.13	9	.15	2	.67	.02	.02	1	1
PIB 7+00W 9+25S	1	4	4	62	.2	1	1	15	.13	2	5	ND	1	15	1	3	2	11	.08	.050	4	5	.03	12	.03	3	.97	.01	.02	1	2
PIB 7+00W 9+50S P	1	4	3	47	.2	2	1	31	.18	2	5	ND	1	15	1	2	4	16	.07	.038	3	6	.04	10	.04	4	.84	.01	.03	1	1
PIB 7+00W 9+75S	1	7	2	40	.1	2	4	148	3.22	2	5	ND	1	37	1	2	2	80	.21	.028	6	9	.33	28	.24	4	3.97	.04	.04	1	1
PIB 7+00W 10+00S P	1	5	2	68	.2	2	1	31	.37	2	5	ND	1	22	1	2	2	7	.22	.034	3	2	.05	20	.02	3	.58	.02	.02	1	1
PIB 6+50W 1+25W	1	15	4	32	.1	5	4	146	1.01	3	5	ND	2	23	1	3	2	37	.25	.045	6	12	.47	33	.11	5	2.63	.02	.05	1	12
PIB 6+50W 1+00W	1	5	2	70	.2	2	1	23	.16	2	5	ND	1	17	1	2	2	13	.13	.027	4	5	.03	12	.04	2	.74	.01	.02	1	30
PIB 6+50W 0+75W	1	5	2	16	.1	2	1	39	.20	2	5	ND	1	15	1	2	3	21	.10	.011	4	6	.08	16	.09	2	1.31	.01	.01	1	45
PIB 6+50W 0+50W	1	1	2	25	.1	4	1	114	.62	5	5	ND	2	35	1	2	2	28	.14	.012	5	2	.24	29	.19	2	2.05	.01	.05	2	1
PIB 6+50W 0+25W	1	2	4	38	.1	6	2	126	.82	2	5	ND	2	25	1	2	3	31	.19	.016	3	2	.28	30	.10	3	1.00	.02	.06	2	5
PIB 6+50W 0+00S P	1	6	2	101	.3	3	1	32	.21	4	5	ND	1	17	1	2	2	11	.23	.035	4	2	.05	10	.03	2	.89	.01	.02	1	84
PIB 6+50W 0+25S	1	1	3	14	.1	1	1	22	.12	2	5	ND	1	14	1	2	4	14	.08	.014	3	2	.03	10	.07	2	.80	.01	.01	1	260
PIB 6+50W 0+50S P	1	4	6	87	.1	16	1	31	.16	4	5	ND	1	14	1	2	2	15	.14	.057	5	6	.03	12	.03	2	1.64	.01	.02	1	54
PIB 6+50W 0+75S P	1	4	3	80	.3	5	1	20	.17	2	5	ND	1	14	1	2	2	9	.18	.054	4	3	.03	12	.02	7	.87	.01	.01	1	80
PIB 6+50W 1+00S P	1	2	8	32	.2	3	1	27	.12	2	5	ND	1	15	1	2	2	15	.10	.027	3	4	.02	16	.05	2	.97	.01	.02	1	1235
PIB 6+50W 1+25S P	1	2	6	56	.1	3	2	168	.88	2	5	ND	1	21	1	2	2	23	.17	.035	4	6	.31	23	.08	3	.99	.02	.04	1	40
PIB 6+50W 1+50S P	1	3	2	44	.2	2	1	67	.27	2	5	ND	1	16	1	2	2	11	.14	.026	2	7	.10	12	.06	3	.51	.01	.02	1	220
PIB 6+50W 1+75S	1	1	4	14	.1	1	2	92	.48	4	5	ND	1	18	1	2	2	26	.16	.011	2	1	.15	12	.15	3	.72	.01	.03	1	26
PIB 6+50W 2+00S	1	5	5	26	.1	2	2	133	1.29	2	5	ND	2	21	1	2	2	67	.21	.011	6	18	.37	17	.32	2	1.72	.02	.02	1	24
PIB 6+50W 2+25S P	1	4	4	90	.3	4	1	32	.13	2	5	ND	1	11	1	2	2	10	.11	.057	5	5	.03	10	.02	2	.91	.01	.02	1	10
PIB 6+50W 2+50S P	1	1	7	39	.1	4	1	55	.68	4	5	ND	1	17	1	2	2	39	.29	.025	5	9	.18	12	.13	2	2.19	.02	.02	2	1
PIB 6+50W 2+75S	1	2	3	18	.2	1	1	26	.18	2	5	ND	1	11	1	4	2	14	.07	.017	4	3	.04	9	.06	2	1.25	.01	.02	1	45
STD C/AU-S	19	59	40	131	6.7	65	27	987	3.99	40	17	7	33	46	17	15	21	59	.49	.097	35	58	.89	175	.08	35	1.75	.06	.13	14	47

IMPERIAL METALS CORPORATION PROJECT - 4544 FILE # 87-1509

SAMPLE#	NO	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	AUS	PPB
	PPH	PPH	PPH	PPM	PPM	PPM	PPH	PPH	%	PPM	PPM	PPM	PPM	PPM	PPM	PPH	PPM	%	%	PPM	PPM	%	PPH	%	PPM	%	%	%	PPM	PPM		
PIB 6+50W 3+00S	3	8	4	37	.1	3	2	146	1.12	3	5	ND	2	18	1	2	3	35	.41	.018	12	3	.18	23	.11	2	3.48	.02	.04	3	1	
PIB 6+50W 3+25S	1	2	9	20	.1	1	1	48	.32	2	5	ND	1	23	1	2	2	20	.13	.014	5	6	.10	14	.07	2	1.17	.01	.01	1	1	
PIB 6+50W 3+50S	1	7	5	27	.3	3	2	104	.68	2	5	ND	1	19	1	2	2	37	.18	.021	9	4	.23	16	.10	2	1.46	.01	.03	2	23	
PIB 6+50W 3+75S P	1	1	7	52	.1	4	1	34	.29	2	5	ND	1	11	1	2	2	14	.08	.027	4	4	.06	12	.05	2	1.17	.01	.02	1	2	
PIB 6+50W 4+00S	1	2	9	27	.2	4	2	81	.61	9	5	ND	1	15	1	2	2	14	.17	.019	4	4	.16	12	.06	2	1.12	.02	.01	2	1	
PIB 6+50W 4+25S P	2	6	6	37	.1	8	2	100	.74	2	5	ND	1	20	1	2	5	25	.19	.046	9	6	.17	28	.07	2	2.38	.02	.03	2	1	
PIB 6+50W 4+50S P	1	2	2	58	.1	4	3	98	.85	2	5	ND	1	23	1	2	2	20	.16	.035	5	5	.18	20	.07	2	1.66	.02	.04	3	1	
PIB 6+50W 4+75S	1	6	10	39	.2	3	3	59	5.16	2	5	ND	1	14	1	2	2	57	.11	.030	4	4	.11	9	.06	2	1.04	.01	.02	1	1	
PIB 6+50W 5+00S	1	7	9	29	.1	1	2	68	2.02	2	5	ND	2	16	1	2	2	68	.15	.032	5	5	.10	12	.16	3	.98	.01	.02	2	78	
PIB 6+50W 5+25S P	1	1	5	80	.1	4	1	37	.55	7	5	ND	1	14	1	2	3	13	.13	.056	3	4	.06	14	.03	2	.64	.02	.03	1	1	
PIB 6+50W 5+50S	1	4	2	23	.1	3	2	107	.55	3	5	ND	1	13	1	2	2	27	.20	.011	3	6	.26	10	.13	2	1.45	.02	.02	1	1	
PIB 6+50W 5+75S	1	2	7	26	.1	4	2	95	1.17	9	5	ND	1	13	1	2	2	74	.18	.012	4	5	.19	12	.22	4	1.54	.02	.02	1	2	
PIB 6+50W 6+00S	1	6	9	24	.1	4	2	112	.59	9	5	ND	1	14	1	2	2	30	.18	.012	4	10	.31	19	.12	2	2.29	.03	.06	2	1	
PIB 6+50W 6+25S	1	1	8	31	.1	4	3	108	2.26	3	5	ND	1	19	1	2	2	69	.21	.020	3	5	.20	12	.19	2	.99	.03	.03	1	1	
PIB 6+50W 6+50S	1	1	2	26	.1	3	2	51	.50	5	5	ND	1	15	1	2	2	28	.15	.031	2	4	.09	10	.12	2	.45	.03	.03	1	1	
PIB 6+50W 6+75S P	1	1	5	61	.1	4	1	35	.37	3	5	ND	1	16	1	2	2	18	.11	.052	3	6	.06	14	.03	3	.69	.02	.03	1	1	
PIB 6+50W 7+00S	1	1	2	29	.1	4	1	69	.37	6	5	ND	1	18	1	2	2	24	.13	.021	3	3	.12	8	.14	6	.97	.02	.01	1	2	
PIB 6+50W 7+25S	1	.26	17	40	.1	4	5	98	8.28	2	5	ND	4	11	1	2	4	140	.12	.047	10	76	.23	17	.31	2	5.80	.02	.02	1	1	
PIB 6+50W 7+50S P	1	5	2	77	.1	6	1	27	.13	3	5	ND	1	8	1	2	2	11	.07	.041	4	5	.03	10	.03	4	1.72	.01	.02	1	1	
PIB 6+50W 7+75S	1	4	2	26	.1	1	1	60	.53	2	5	ND	1	19	1	2	2	30	.14	.023	2	4	.11	7	.14	2	.88	.02	.03	1	1	
PIB 6+50W 8+00S	1	9	10	32	.1	2	4	108	6.72	2	5	ND	1	11	1	2	2	118	.13	.037	5	12	.21	10	.30	2	4.09	.02	.02	1	1	
PIB 6+50W 8+25S	1	6	5	35	.1	2	3	58	1.80	4	5	ND	1	15	1	2	2	23	.09	.070	3	6	.15	10	.04	2	1.50	.02	.03	1	1	
PIB 6+50W 8+50S	1	4	10	17	.2	1	3	58	.51	2	5	ND	1	19	1	2	2	41	.14	.011	3	4	.10	7	.16	6	.46	.02	.02	1	2	
PIB 6+50W 8+75S	1	5	12	28	.3	2	3	108	1.50	2	5	ND	1	18	1	2	2	56	.18	.015	4	11	.35	20	.17	5	1.50	.02	.04	1	25	
PIB 6+50W 9+00S	1	6	5	24	.1	4	1	62	.58	2	5	ND	1	18	1	2	2	28	.14	.023	3	9	.16	10	.07	3	1.36	.02	.01	1	1	
PIB 6+50W 9+25S	1	2	8	19	.1	4	2	68	.57	8	5	ND	1	25	1	2	2	27	.15	.015	3	6	.16	9	.09	2	1.32	.02	.01	1	1	
PIB 6+50W 9+50S	1	1	4	26	.1	2	2	87	.85	2	5	ND	1	22	1	2	3	40	.17	.015	3	4	.16	7	.11	2	.59	.02	.02	1	1	
PIB 6+50W 9+75S	1	2	4	21	.1	1	1	70	.43	3	5	ND	1	12	1	2	2	24	.14	.012	3	6	.11	8	.08	2	1.35	.02	.01	2	1	
PIB 6+50W 10+00S	1	3	6	21	.1	1	1	51	.28	2	5	ND	1	25	1	2	2	35	.14	.021	4	6	.09	10	.11	2	1.58	.01	.01	1	1	
PIB 6+00W 1+25N	1	2	2	9	.1	1	1	47	.27	8	5	ND	1	19	1	2	2	14	.12	.009	5	7	.08	14	.07	4	1.30	.01	.01	1	5	
PIB 6+00W 1+00N P	1	7	3	90	.1	4	1	21	.25	2	5	ND	1	22	1	2	2	9	.25	.031	3	4	.05	15	.02	2	.51	.02	.01	1	1	
PIB 6+00W 0+75N P	1	6	7	50	.1	4	2	83	.61	5	5	ND	1	29	1	2	2	20	.40	.028	3	8	.20	21	.06	2	1.06	.03	.02	1	1	
PIB 6+00W 0+50N	1	6	8	33	.1	15	5	161	1.52	3	5	ND	1	28	1	2	2	54	.31	.013	3	14	.61	57	.22	2	1.92	.02	.06	1	21	
PIB 6+00W 0+25N	1	8	2	36	.1	7	4	188	1.28	4	5	ND	2	39	1	2	2	38	.42	.050	5	10	.57	46	.14	2	2.20	.03	.04	2	116	
STD C/AU-S	18	61	38	131	6.9	63	27	991	3.89	39	16	7	32	46	16	16	21	59	.46	.091	37	60	.86	174	.08	36	1.69	.06	.14	13	52	

IMPERIAL METALS CORPORATION PROJECT-4544 FILE # 87-1509

SAMPLE#	NO 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# PPM
PIB 6+00W 0+00S P	1	4	4	49	.1	6	1	21	.17	2	5	ND	1	11	1	2	2	11	.09	.028	3	3	.03	10	.03	2	.55	.01	.01	1	115
PIB 6+00W 0+25S	1	1	4	32	.2	4	1	24	.14	2	5	ND	1	17	1	2	2	15	.10	.016	3	3	.03	10	.05	3	1.08	.01	.01	1	505
PIB 6+00W 0+50S P	1	5	2	78	.1	6	1	22	.14	2	5	ND	1	13	1	2	2	5	.17	.040	3	2	.03	11	.01	2	.57	.01	.01	1	220
PIB 6+00W 0+75S	1	3	7	13	.1	2	1	35	.29	2	5	ND	1	11	1	2	2	16	.10	.008	2	2	.06	8	.08	3	.50	.01	.01	1	15
PIB 6+00W 1+00S	1	1	6	24	.2	1	1	128	.95	2	5	ND	1	24	1	2	2	45	.19	.006	2	2	.36	10	.20	2	.78	.01	.03	1	3
PIB 6+00W 1+25S	1	2	5	20	.1	1	1	31	.24	5	5	ND	1	11	1	2	2	19	.08	.008	2	2	.05	8	.07	2	.49	.01	.01	1	2
PIB 6+00W 1+50S	1	3	8	13	.2	5	1	39	.23	3	5	ND	1	14	1	2	2	23	.10	.010	5	6	.07	12	.10	2	2.21	.01	.01	1	1
PIB 6+00W 1+75S	1	1	4	15	.1	5	1	56	.29	2	5	ND	1	10	1	2	2	18	.08	.007	3	2	.13	14	.14	4	1.52	.01	.03	1	10
PIB 6+00W 2+00S	1	1	6	27	.2	5	2	70	.77	2	5	ND	1	11	1	2	2	37	.11	.007	5	11	.22	11	.16	3	1.81	.01	.03	1	12
PIB 6+00W 2+25S	1	3	2	12	.1	3	1	43	.32	3	5	ND	1	10	1	2	2	21	.08	.007	3	4	.07	6	.08	2	1.46	.01	.01	1	1
PIB 6+00W 2+50S	1	3	2	27	.1	6	2	128	.93	2	5	ND	1	15	1	2	3	29	.11	.012	5	2	.31	21	.11	2	1.90	.01	.03	1	4
PIB 6+00W 2+75S	1	3	6	19	.1	6	2	101	2.74	2	5	ND	1	11	1	3	2	64	.07	.009	4	3	.27	17	.20	6	2.43	.01	.03	1	1
PIB 6+00W 3+00S	1	6	6	18	.1	4	1	38	.27	2	5	ND	1	15	1	2	2	15	.10	.015	4	6	.08	11	.05	2	1.54	.01	.01	1	2
PIB 6+00W 3+25S	1	1	4	29	.1	3	1	175	.72	3	5	ND	1	15	1	2	2	16	.17	.012	3	2	.12	10	.04	5	1.00	.01	.01	1	2
PIB 6+00W 3+50S	1	3	5	17	.1	3	1	63	.54	2	5	ND	1	12	1	2	2	45	.11	.015	5	2	.14	12	.12	2	1.90	.01	.01	1	1
PIB 6+00W 3+75S	1	2	2	19	.1	1	1	33	.17	2	5	ND	1	15	1	2	2	19	.09	.012	3	6	.07	11	.07	3	1.30	.01	.01	1	1
PIB 6+00W 4+00S	1	2	24	30	.1	3	2	112	.63	2	5	ND	1	10	1	2	2	27	.14	.015	4	3	.28	10	.08	2	1.40	.01	.01	1	1
PIB 6+00W 4+25S	1	2	8	25	.1	5	2	119	.60	2	5	ND	1	26	1	2	2	21	.13	.021	4	4	.31	22	.07	2	1.74	.01	.03	1	1
PIB 6+00W 4+50S	1	3	6	21	.1	2	1	46	.49	2	5	ND	1	19	1	2	2	18	.11	.027	4	5	.09	15	.05	2	1.83	.01	.01	1	1
PIB 6+00W 4+75S	1	6	4	25	.1	9	2	111	1.34	2	5	ND	1	51	1	2	2	39	.22	.021	3	7	.23	49	.10	4	2.34	.03	.03	2	1
PIB 6+00W 5+00S	1	16	4	43	.1	2	11	1193	5.13	3	5	ND	1	18	1	2	2	63	.14	.031	5	7	.19	18	.06	8	1.64	.02	.03	1	2
PIB 6+00W 5+25S	1	1	2	17	.1	2	1	52	.62	2	5	ND	1	10	1	2	2	21	.08	.022	2	3	.09	8	.05	2	.80	.01	.01	1	1
PIB 6+00W 5+50S	1	5	10	27	.1	6	3	125	2.55	2	5	ND	1	74	1	2	2	78	.16	.013	3	4	.28	50	.15	4	2.80	.02	.01	1	1
PIB 6+00W 5+75S	1	9	9	33	.1	4	2	103	1.26	2	5	ND	1	15	1	2	2	82	.19	.010	3	6	.31	12	.14	2	1.74	.02	.02	1	1
PIB 6+00W 6+00S	1	6	6	20	.1	4	1	77	.47	2	5	ND	1	20	1	2	2	31	.15	.016	3	4	.21	23	.10	2	1.97	.01	.01	1	1
PIB 6+00W 6+25S	1	7	5	18	.1	7	1	53	.32	2	5	ND	1	15	1	2	2	31	.12	.013	3	6	.15	18	.14	4	1.71	.01	.02	1	1
PIB 6+00W 6+50S	1	6	5	15	.1	5	1	63	.50	2	5	ND	1	11	1	2	2	24	.13	.013	2	4	.18	17	.08	2	1.52	.01	.02	1	1
PIB 6+00W 6+75S	1	6	4	25	.1	12	3	97	1.94	2	5	ND	1	18	1	2	2	55	.20	.012	2	4	.23	14	.12	5	.76	.03	.02	1	2
PIB 6+00W 7+00S	1	3	4	20	.1	6	2	87	1.01	4	5	ND	1	14	1	2	2	52	.16	.013	3	8	.27	18	.14	4	1.40	.01	.03	1	1
PIB 6+00W 7+25S	1	4	9	28	.2	4	1	96	.94	3	5	ND	1	19	1	2	3	46	.12	.013	2	3	.31	9	.13	3	.93	.01	.02	1	1
PIB 6+00W 7+50S	1	2	2	26	.1	2	1	73	.53	2	5	ND	1	11	1	2	2	27	.10	.010	3	4	.20	9	.07	2	1.10	.01	.01	1	2
PIB 6+00W 7+75S	1	3	2	32	.1	4	1	62	.26	2	5	ND	1	13	1	2	2	16	.10	.015	2	4	.10	7	.10	3	.47	.01	.01	1	2
PIB 6+00W 8+00S	1	3	4	18	.1	5	1	65	.65	2	5	ND	1	18	1	2	2	22	.14	.016	3	4	.13	9	.08	3	1.12	.01	.01	1	1
PIB 6+00W 8+25S	1	1	9	14	.1	3	1	35	.18	2	5	ND	1	13	1	2	2	15	.09	.018	2	4	.07	7	.06	4	.73	.01	.01	1	16
PIB 6+00W 8+50S	1	3	3	24	.1	5	1	46	.95	3	5	ND	1	13	1	2	2	22	.13	.015	2	4	.10	6	.04	3	.67	.02	.01	1	1
PIB 6+00W 8+75S	1	2	5	19	.1	3	1	51	.49	2	5	ND	1	11	1	2	4	22	.10	.018	2	4	.10	6	.07	4	.41	.02	.01	1	1
STD C/AU-S	17	60	37	132	6.8	66	25	907	3.93	39	17	7	31	43	15	16	21	55	.41	.087	35	52	.93	159	.07	36	1.65	.06	.12	15	52

IMPERIAL METALS CORPORATION PROJECT - 4544 FILE # 87-1509

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
PIB 6+00W 9+00S	1	13	2	29	.1	6	4	114	2.85	2	5	ND	2	17	1	2	2	74	.16	.034	7	15	.36	19	.16	2	3.26	.02	.03	1	1
PIB 6+00W 9+25S	1	24	2	25	.1	10	3	92	.53	2	5	ND	1	21	1	2	2	44	.24	.064	7	21	.25	17	.10	5	2.38	.03	.01	1	2
PIB 6+00W 9+50S P	1	3	2	42	.1	2	1	88	.51	4	5	ND	1	26	1	2	2	30	.15	.035	4	7	.22	18	.10	2	1.49	.02	.02	1	1
PIB 6+00W 9+75S P	1	6	2	61	.1	2	1	41	.19	2	5	ND	1	12	1	2	2	19	.11	.027	3	8	.06	8	.08	2	.91	.02	.01	1	1
PIB 6+00W 10+00S P	1	4	3	25	.2	1	1	58	.48	3	5	ND	1	11	1	2	2	34	.11	.019	2	8	.12	6	.13	2	.86	.02	.01	1	2
PIB 5+50W 1+25M P	1	1	3	47	.1	1	1	13	.12	2	5	ND	1	10	1	2	2	13	.05	.026	4	8	.02	9	.03	2	1.06	.01	.01	1	9
PIB 5+50W 1+00M P	1	5	4	56	.2	1	1	26	.16	2	5	ND	1	14	1	2	2	14	.12	.028	3	10	.04	13	.04	3	.75	.02	.01	1	3
PIB 5+50W 0+75M	1	5	2	34	.1	2	1	43	.24	5	5	ND	1	13	1	2	2	16	.11	.017	4	7	.11	11	.09	3	1.18	.01	.02	1	8
PIB 5+50W 0+50M P	1	5	2	101	.1	4	1	28	.11	7	5	ND	1	15	1	2	2	9	.12	.050	3	2	.04	13	.02	7	.58	.02	.02	1	67
PIB 5+50W 0+25M P	1	5	2	107	.1	2	1	28	.11	3	5	ND	1	11	1	2	2	12	.08	.051	3	2	.03	11	.03	10	.82	.02	.01	1	28
PIB 5+50W 0+00S P	1	5	2	83	.1	4	1	37	.20	2	5	ND	1	12	1	2	2	18	.07	.033	3	3	.06	11	.04	2	.99	.01	.01	1	106
PIB 5+50W 0+25S	1	1	2	34	.1	1	2	231	.94	2	5	ND	1	58	1	2	2	35	.25	.016	7	3	.59	20	.17	2	2.12	.02	.01	1	200
PIB 5+50W 0+50S P	1	5	2	68	.1	3	1	19	.12	3	5	ND	1	15	1	2	2	12	.09	.050	3	2	.02	11	.02	2	1.01	.01	.01	1	58
PIB 5+50W 0+75S P	1	1	2	75	.2	4	1	28	.16	6	5	ND	1	13	1	2	2	9	.09	.051	3	1	.03	11	.02	3	.80	.01	.02	1	3
PIB 5+50W 1+00S P	1	4	2	40	.1	8	1	37	.21	8	5	ND	1	19	1	2	2	18	.11	.032	4	3	.04	15	.08	2	1.10	.02	.02	1	4
PIB 5+50W 1+25S	1	6	7	31	.1	3	2	105	.79	2	5	ND	1	78	1	2	4	40	.17	.014	3	2	.24	70	.21	2	1.13	.02	.07	1	1
PIB 5+50W 1+50S	1	1	2	17	.1	1	1	49	.37	5	5	ND	1	18	1	2	4	26	.12	.009	3	3	.11	13	.13	2	.97	.01	.01	1	4
PIB 5+50W 1+75S P	1	7	2	55	.1	1	1	23	.19	5	5	ND	1	16	1	2	2	12	.08	.035	3	2	.03	17	.06	2	.83	.02	.02	1	3
PIB 5+50W 2+00S	1	2	2	52	.1	2	1	18	.09	3	5	ND	1	13	1	2	2	13	.08	.015	3	2	.03	9	.06	4	1.23	.01	.01	2	13
PIB 5+50W 2+25S	1	2	7	9	.1	3	1	24	.14	10	5	ND	1	16	1	2	2	22	.09	.008	2	3	.03	11	.19	2	.50	.01	.02	1	148
PIB 5+50W 2+50S P	1	4	2	111	.1	6	1	23	.09	7	5	ND	1	13	1	2	4	8	.12	.035	3	1	.04	10	.02	3	.58	.02	.01	1	6
PIB 5+50W 2+75S P	1	5	2	30	.2	1	1	47	.33	8	5	ND	1	14	1	2	2	15	.07	.024	3	3	.08	13	.04	2	.86	.01	.01	3	151
PIB 5+50W 3+00S P	1	8	2	106	.2	3	1	30	.15	9	5	ND	1	18	1	2	2	8	.15	.049	3	1	.04	12	.01	4	.58	.02	.01	1	5
PIB 5+50W 3+25S P	1	2	2	34	.1	2	1	39	.39	6	5	ND	1	25	1	2	3	27	.12	.022	4	3	.06	16	.07	2	1.77	.02	.03	1	1
PIB 5+50W 3+50S	1	10	14	38	.1	1	5	122	4.36	2	5	ND	1	26	1	2	2	113	.15	.016	4	5	.24	30	.34	5	2.36	.03	.04	1	1
PIB 5+50W 3+75S P	1	7	2	64	.1	1	1	73	.39	8	5	ND	1	19	1	2	2	24	.14	.028	3	4	.16	13	.05	2	1.13	.01	.01	1	1
PIB 5+50W 4+00S P	1	5	2	40	.2	5	1	33	.25	7	5	ND	1	20	1	2	2	20	.19	.037	4	10	.06	16	.05	3	1.79	.02	.02	1	1
PIB 5+50W 4+25S P	1	5	2	80	.1	4	1	48	.61	6	5	ND	1	23	1	2	2	14	.19	.063	3	3	.07	16	.03	8	.62	.03	.03	1	1
PIB 5+50W 4+50S P	1	5	2	69	.1	4	1	52	.41	5	6	ND	1	15	1	2	2	19	.15	.042	3	3	.09	15	.05	2	.73	.02	.01	1	1
PIB 5+50W 4+75S	1	1	5	34	.1	1	1	78	.60	2	5	ND	1	27	1	2	2	48	.18	.017	2	2	.16	13	.18	3	.97	.02	.02	1	1
PIB 5+50W 5+00S	1	2	2	17	.2	1	1	66	.47	4	5	ND	1	14	1	2	2	44	.11	.010	4	11	.20	10	.14	2	1.51	.01	.02	2	2
PIB 5+50W 5+25S	1	1	11	18	.1	1	2	49	1.10	9	5	ND	1	15	1	2	2	64	.11	.009	4	2	.08	7	.15	6	.56	.01	.02	2	1
PIB 5+50W 5+50S	1	4	4	51	.1	1	5	240	2.09	2	6	ND	1	31	1	2	6	46	.24	.041	4	2	.93	14	.15	2	2.30	.02	.04	1	1
PIB 5+50W 5+75S	1	7	2	23	.1	1	1	64	1.41	2	5	ND	1	10	1	2	2	85	.12	.022	4	3	.14	9	.12	4	1.82	.02	.01	1	1
PIB 5+50W 6+00S	1	7	4	42	.5	1	1	50	.89	10	5	ND	1	13	1	2	2	17	.16	.026	3	3	.10	10	.05	4	.77	.02	.03	1	12
STD C/AU-S	19	61	37	133	6.8	68	27	1014	3.93	40	15	7	33	48	16	16	20	61	.50	.101	35	59	.85	180	.08	35	1.69	.07	.13	14	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 %	N PPM	AU# PPB
P1B 5+50W 6+25S	1	11	2	26	.1	2	2	115	.77	3	5	ND	1	22	1	2	2	59	.25	.021	3	7	.28	23	.17	2	1.45	.03	.02	1	1
P1B 5+50W 6+50S	1	8	10	32	.1	5	5	228	1.41	7	5	ND	1	18	1	2	2	47	.21	.036	4	3	.61	39	.15	3	2.00	.02	.15	1	1
P1B 5+50W 6+75S	1	8	8	80	.1	3	2	172	2.15	2	5	ND	1	22	1	2	2	52	.31	.037	3	4	.14	14	.06	2	.65	.04	.04	1	2
P1B 5+50W 7+00S	1	5	3	52	.1	8	1	28	.24	2	5	ND	1	15	1	2	2	22	.10	.040	4	5	.05	12	.04	2	.98	.02	.01	1	2
P1B 5+50W 7+25S P	1	8	15	37	.1	5	2	97	.77	2	5	ND	1	22	1	2	2	35	.22	.036	4	4	.18	15	.06	4	1.04	.04	.02	1	2
P1B 5+50W 7+50S P	1	6	8	50	.1	5	2	69	1.95	4	5	ND	1	19	1	2	2	35	.16	.032	4	6	.17	15	.06	5	1.11	.03	.02	1	1
P1B 5+50W 7+75S P	1	3	9	49	.1	3	1	23	.48	4	5	ND	1	13	1	2	3	21	.10	.043	4	4	.03	10	.02	2	1.09	.01	.01	2	2
P1B 5+50W 8+00S P	1	6	10	55	.1	5	1	81	.57	2	5	ND	1	17	1	2	2	22	.18	.033	3	6	.18	12	.07	2	1.20	.03	.02	1	2
P1B 5+50W 8+25S P	1	5	4	61	.2	7	1	21	.27	2	5	ND	1	12	1	2	2	14	.08	.051	3	2	.03	10	.02	4	1.08	.01	.01	1	1
P1B 5+50W 8+50S P	1	2	4	37	.2	9	2	229	.98	4	5	ND	1	23	1	2	2	23	.27	.023	3	3	.25	10	.06	2	1.04	.04	.02	2	1
P1B 5+50W 8+75S P	1	9	5	73	.1	3	1	19	.23	2	5	ND	1	13	1	2	3	10	.10	.068	3	7	.04	10	.02	2	1.10	.01	.03	1	1
P1B 5+50W 9+00S P	1	1	8	75	.3	2	1	24	.20	2	5	ND	1	12	1	2	2	13	.14	.044	3	2	.02	7	.01	2	.79	.01	.01	1	1
P1B 5+50W 9+25S P	1	5	11	85	.1	3	1	17	.15	2	5	ND	1	13	1	2	2	14	.12	.062	5	2	.03	10	.02	5	1.20	.01	.01	1	1
P1B 5+50W 9+50S P	1	4	3	84	.1	3	1	17	.23	2	5	ND	1	10	1	2	2	8	.06	.065	3	1	.02	10	.01	6	.91	.01	.01	1	1
P1B 5+50W 9+75S P	1	6	4	70	.2	9	1	17	.19	5	5	ND	1	10	1	2	2	6	.06	.061	3	2	.02	10	.01	8	.79	.01	.03	1	1
P1B 5+50W 10+00S P	1	2	6	29	.2	7	1	54	.35	2	5	ND	1	12	1	2	2	34	.10	.010	3	4	.11	10	.09	2	1.15	.01	.03	2	2
P1B 5+00W 0+00S P	1	1	6	50	.1	9	1	19	.11	2	5	ND	1	11	1	2	2	11	.06	.036	4	2	.02	10	.03	2	.98	.01	.03	1	1
P1B 5+00W 0+25S P	1	4	6	43	.1	5	1	82	.37	2	5	ND	1	14	1	2	2	17	.16	.016	3	2	.10	15	.09	2	.97	.03	.02	1	1
P1B 5+00W 0+50S P	1	1	3	19	.1	1	1	52	.29	2	5	ND	1	19	1	2	2	14	.17	.018	2	2	.05	12	.11	2	.29	.03	.03	1	1
P1B 5+00W 0+75S P	1	2	2	40	.2	7	1	29	.16	4	5	ND	1	14	1	2	2	13	.11	.029	3	2	.03	10	.06	2	1.01	.02	.01	1	135
P1B 5+00W 1+00S P	1	3	11	67	.1	7	1	33	.09	3	5	ND	1	11	1	2	2	17	.08	.049	3	1	.02	12	.02	2	1.13	.01	.01	1	6
P1B 5+00W 1+25S P	1	5	12	65	.1	9	1	29	.17	2	5	ND	1	20	1	2	2	12	.10	.049	3	2	.03	21	.03	3	.92	.02	.02	1	30
P1B 5+00W 1+50S P	1	1	11	20	.1	7	1	36	.32	2	5	ND	1	19	1	2	2	16	.10	.023	3	2	.03	20	.06	2	.69	.02	.03	1	124
P1B 5+00W 1+75S P	1	1	10	35	.1	7	1	40	.32	2	5	ND	1	20	1	4	2	14	.13	.037	3	2	.04	20	.06	2	.95	.03	.01	1	6
P1B 5+00W 2+00S P	1	5	2	40	.1	7	1	26	.39	2	5	ND	1	16	1	2	2	10	.07	.059	5	2	.06	19	.03	5	1.32	.02	.03	1	1
P1B 5+00W 2+25S P	1	2	8	29	.1	3	1	79	.89	2	5	ND	1	17	1	2	2	51	.12	.022	3	1	.18	27	.16	2	.84	.02	.03	1	2
P1B 5+00W 2+50S P	1	1	6	59	.3	2	1	29	.18	2	5	ND	1	9	1	2	2	13	.09	.022	2	1	.04	10	.05	3	.51	.01	.02	1	1
P1B 5+00W 2+75S P	1	5	2	63	.1	9	2	27	.17	2	5	ND	1	12	1	2	2	10	.08	.037	3	1	.04	12	.02	2	.64	.02	.02	1	1
P1B 5+00W 3+00S P	1	5	2	45	.2	8	1	45	.43	4	5	ND	1	11	1	2	6	12	.08	.046	3	1	.08	12	.03	5	.62	.01	.01	2	1
P1B 5+00W 3+25S P	1	1	9	24	.2	5	1	39	.24	2	5	ND	1	14	1	2	2	17	.10	.024	4	1	.04	10	.05	2	.56	.01	.02	1	5
P1B 5+00W 3+50S P	1	6	9	44	.2	8	3	126	2.81	3	5	ND	1	16	1	2	2	46	.18	.033	3	1	.09	12	.07	7	.58	.02	.03	1	2
P1B 5+00W 3+75S P	1	1	9	39	.2	7	1	34	.32	2	5	ND	1	14	1	2	3	25	.12	.027	3	1	.06	10	.06	2	.70	.02	.03	1	1
P1B 5+00W 4+00S P	1	3	4	62	.1	5	1	23	.16	4	5	ND	1	11	1	2	3	23	.10	.037	3	1	.03	10	.04	2	1.20	.01	.01	1	1
P1B 5+00W 4+25S P	1	6	4	39	.1	7	1	41	.30	2	5	ND	1	39	1	2	2	25	.14	.030	4	1	.06	20	.07	2	1.50	.02	.01	3	1
P1B 5+00W 4+50S P	1	1	11	25	.1	7	1	37	.30	2	5	ND	1	18	1	2	2	17	.10	.020	4	5	.06	13	.06	5	.92	.01	.01	1	1
P1B 5+00W 4+75S P	1	1	3	91	.2	3	2	28	.44	4	5	ND	1	15	1	2	4	13	.18	.052	4	1	.03	10	.02	2	.73	.01	.02	1	1
STD C/AU-S	19	61	41	131	6.7	70	28	999	3.97	42	15	8	33	47	17	17	20	62	.47	.095	35	56	.91	175	.08	35	1.69	.07	.15	14	51

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
P1B 5+00W 5+00S	1	9	10	43	.1	1	2	74	3.62	2	5	ND	1	13	1	2	2	62	.12	.032	3	4	.15	9	.06	2	1.19	.01	.02	1	1
P1B 5+00W 5+25S	1	13	16	31	.1	2	1	103	.70	2	5	ND	1	12	1	2	3	46	.18	.018	5	5	.24	9	.11	5	1.71	.02	.01	1	1
P1B 5+00W 5+50S	1	2	2	35	.1	3	3	151	.86	2	5	ND	1	18	1	2	2	37	.19	.016	4	3	.38	11	.12	2	1.32	.02	.01	1	2
P1B 5+00W 5+75S	1	6	5	25	.1	5	1	55	.44	2	5	ND	1	13	1	2	3	34	.12	.013	5	8	.13	13	.10	2	1.49	.01	.01	1	1
P1B 5+00W 6+00S P	1	4	6	60	.2	3	1	41	.24	2	5	ND	1	17	1	2	2	21	.13	.029	4	6	.08	11	.05	2	1.04	.02	.01	1	2
P1B 5+00W 6+25S P	1	6	4	82	.1	3	1	56	.80	2	5	ND	1	20	1	2	3	20	.18	.051	4	6	.11	16	.04	2	.86	.02	.02	1	2
P1B 5+00W 6+50S P	1	6	4	60	.2	2	2	82	.71	4	5	ND	1	15	1	2	2	25	.17	.033	4	5	.22	13	.05	2	1.24	.02	.02	1	1
P1B 5+00W 6+75S	1	7	2	26	.1	2	3	115	.68	2	5	ND	1	20	1	2	3	31	.23	.031	4	7	.27	16	.07	5	1.60	.02	.03	1	1
P1B 5+00W 7+00S	1	7	8	33	.1	5	1	52	1.47	3	5	ND	1	16	1	2	2	47	.13	.028	3	7	.14	9	.06	2	1.10	.02	.02	1	1
P1B 5+00W 7+25S	1	8	5	20	.1	1	1	54	.79	2	5	ND	1	13	1	2	2	38	.15	.013	3	5	.11	7	.09	2	1.44	.01	.02	1	1
P1B 5+00W 7+50S P	1	1	9	75	.1	2	1	42	.44	2	5	ND	1	19	1	2	2	17	.13	.038	3	4	.09	9	.04	3	.77	.02	.02	1	8
P1B 5+00W 7+75S	1	4	7	26	.1	2	1	93	.64	2	5	ND	1	16	1	2	2	29	.16	.010	5	12	.27	12	.11	2	1.67	.01	.02	1	5
P1B 5+00W 8+00S	1	7	2	35	.1	3	2	108	.72	4	5	ND	1	18	1	2	2	33	.26	.027	4	6	.31	14	.08	2	2.23	.02	.01	1	2
P1B 5+00W 8+25S P	1	1	9	64	.3	1	2	76	.75	2	5	ND	1	19	1	2	2	24	.09	.034	3	7	.24	11	.04	2	.88	.01	.03	1	1
P1B 5+00W 8+50S P	1	11	10	40	.2	1	2	144	1.59	2	5	ND	1	19	1	2	2	30	.25	.036	5	9	.22	9	.04	2	1.15	.03	.02	1	2
P1B 5+00W 8+75S	1	1	6	25	.1	1	1	55	.53	2	5	ND	1	10	1	2	2	39	.09	.015	2	2	.08	7	.12	2	.34	.02	.02	1	2
P1B 5+00W 9+00S	1	2	4	30	.1	1	1	54	.78	3	5	ND	1	13	1	2	2	16	.13	.023	2	5	.11	7	.05	3	.56	.02	.01	1	5
P1B 5+00W 9+25S P	1	6	7	57	.1	4	2	66	.82	3	5	ND	1	19	1	2	3	88	.23	.050	6	7	.10	12	.03	4	1.54	.02	.02	1	6
P1B 5+00W 9+50S P	1	5	9	85	.1	5	1	18	.19	2	5	ND	1	11	1	2	2	10	.08	.065	3	5	.03	9	.01	4	.93	.02	.02	1	2
P1B 5+00W 9+75S	1	2	10	19	.1	4	1	46	.30	2	5	ND	1	21	1	2	2	17	.12	.015	2	4	.09	7	.07	4	.41	.02	.02	1	1
P1B 5+00W 10+00S	1	7	7	29	.2	7	3	102	5.25	2	5	ND	2	14	1	2	2	72	.13	.021	4	6	.17	9	.24	3	2.48	.02	.01	1	3
P1B 4+50W 0+00S P	1	5	2	86	.1	7	1	33	.14	2	5	ND	1	13	1	2	2	8	.10	.041	3	4	.05	9	.02	2	.62	.01	.01	1	1
P1B 4+50W 0+25S	1	1	10	26	.1	2	1	52	.19	2	5	ND	1	17	1	2	3	18	.15	.013	4	2	.06	9	.18	2	.81	.02	.02	1	1
P1B 4+50W 0+50S P	1	6	2	55	.1	4	1	27	.18	2	5	ND	1	15	1	2	2	18	.09	.032	4	3	.03	11	.05	3	1.35	.01	.01	1	3
P1B 4+50W 0+75S P	1	1	2	52	.1	5	1	27	.23	6	5	ND	1	14	1	2	2	12	.10	.043	4	3	.03	14	.05	3	1.05	.02	.01	2	2
P1B 4+50W 1+00S P	1	6	11	56	.1	7	1	37	.21	2	5	ND	1	16	1	2	2	12	.11	.041	3	4	.06	14	.03	2	1.06	.01	.01	1	7
P1B 4+50W 1+25S P	1	2	4	21	.1	4	1	55	.44	4	5	ND	1	16	1	2	2	14	.13	.024	3	7	.06	17	.07	8	.49	.02	.03	1	6
P1B 4+50W 1+50S P	1	3	16	12	.1	1	1	51	.36	2	5	ND	1	21	1	2	2	19	.12	.018	3	4	.05	24	.11	3	.48	.02	.02	1	14
P1B 4+50W 1+75S P	1	1	14	45	.1	7	1	39	.45	5	5	ND	1	14	1	2	3	11	.10	.057	3	2	.06	22	.05	2	.70	.02	.04	2	1
P1B 4+50W 2+00S P	1	3	3	28	.1	6	2	118	.94	2	5	ND	1	26	1	2	3	23	.23	.022	2	3	.17	24	.09	7	.60	.03	.05	1	1
P1B 4+50W 2+25S P	1	2	5	35	.1	2	1	30	.21	2	5	ND	1	10	1	2	2	12	.09	.015	3	4	.04	10	.05	4	.76	.01	.01	1	1
P1B 4+50W 2+50S P	1	1	7	30	.1	4	1	60	.68	9	5	ND	1	15	1	2	2	29	.15	.012	3	3	.06	15	.15	2	.49	.02	.01	1	1
P1B 4+50W 2+75S P	1	2	12	63	.1	6	1	55	.50	2	5	ND	1	8	1	2	2	22	.11	.024	3	5	.17	19	.05	2	.88	.02	.02	1	7
P1B 4+50W 3+00S P	1	4	12	20	.1	8	3	139	4.54	6	5	ND	1	15	1	2	2	93	.26	.005	3	2	.17	12	.29	2	1.17	.04	.02	1	1
P1B 4+50W 3+25S P	1	10	13	108	.1	8	1	24	.27	2	5	ND	1	14	1	3	2	7	.19	.050	3	4	.03	9	.01	3	.56	.01	.01	1	1
P1B 4+50W 3+50S P	1	8	7	29	.1	4	4	187	2.62	7	5	ND	1	44	1	2	2	111	.48	.009	3	1	.42	20	.27	2	.89	.04	.04	1	1
P1B 4+50W 3+75S P	1	8	5	40	.1	2	2	111	1.58	2	5	ND	1	38	1	2	2	57	.15	.030	3	4	.27	17	.10	3	1.91	.01	.03	1	1
STD C/AU-S	17	58	39	122	6.8	67	25	918	3.93	43	15	7	31	42	16	16	18	55	.45	.089	38	53	.81	161	.07	35	1.71	.06	.13	14	53

IMPERIAL METALS CORPORATION PROJECT-4544 FILE # 87-1509

SAMPLE#	NO	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	AUX
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	PPM	PPM	
P1B 4+50W 4+00S	1	1	3	16	.1	7	1	63	1.11	3	5	ND	1	19	1	2	2	46	.15	.008	4	3	.12	10	.17	2	1.05	.01	.01	1	2
P1B 4+50W 4+25S	1	1	2	48	.3	5	1	22	.16	5	5	ND	1	13	1	2	2	10	.07	.023	3	4	.04	11	.04	5	.70	.01	.02	1	1
P1B 4+50W 4+50S	1	3	4	27	.1	4	1	57	.28	2	5	ND	1	23	1	2	2	25	.15	.010	4	4	.11	14	.09	2	1.63	.01	.01	1	8
P1B 4+50W 4+75S	1	5	8	18	.1	4	1	56	.62	2	5	ND	1	16	1	2	2	57	.14	.008	2	3	.08	8	.27	2	.58	.01	.01	1	1
P1B 4+50W 5+00S	1	5	14	13	.1	5	1	74	1.37	5	5	ND	1	12	1	2	2	57	.17	.005	2	1	.09	9	.22	2	.43	.02	.02	1	1
P1B 4+50W 5+25S	1	2	2	19	.1	5	1	41	.26	2	5	ND	1	17	1	2	3	16	.12	.010	4	4	.08	9	.07	2	1.12	.01	.01	2	3
P1B 4+50W 5+50S	1	2	4	25	.1	4	1	61	.55	4	5	ND	1	17	1	2	2	26	.13	.018	5	3	.14	15	.06	2	1.50	.02	.01	1	1
P1B 4+50W 5+75S	1	6	3	44	.1	5	1	68	1.35	2	5	ND	1	22	1	2	2	31	.15	.025	3	4	.15	13	.05	2	1.03	.02	.01	1	1
P1B 4+50W 6+00S	1	3	3	22	.1	10	1	79	.48	4	5	ND	1	24	1	2	2	27	.19	.013	3	3	.19	17	.09	3	1.28	.02	.01	1	1
P1B 4+50W 6+25S	1	8	2	26	.1	6	1	105	.73	4	5	ND	1	19	1	2	2	27	.21	.016	4	7	.30	17	.10	2	1.36	.02	.01	1	2
P1B 4+50W 6+50S	1	8	2	22	.1	5	2	101	.78	4	5	ND	1	15	1	2	2	41	.22	.016	5	11	.32	11	.10	2	1.63	.02	.02	2	1
P1B 4+50W 6+75S	1	16	2	43	.1	2	1	69	1.06	6	5	ND	1	21	1	2	2	92	.18	.018	6	7	.12	13	.09	2	3.39	.02	.01	2	2
P1B 4+50W 7+00S	1	7	2	31	.2	3	2	94	.57	5	5	ND	1	33	1	2	2	28	.22	.027	4	3	.23	20	.08	4	2.31	.02	.01	2	1
P1B 4+50W 7+25S	1	6	11	68	.1	5	1	44	.38	2	5	ND	1	33	1	2	2	15	.22	.042	3	4	.13	13	.04	3	1.03	.02	.03	1	1
P1B 4+50W 7+50S	1	6	7	51	.2	5	1	34	.28	2	5	ND	1	25	1	2	2	20	.12	.042	4	6	.07	13	.04	2	1.37	.01	.02	1	6
P1B 4+50W 7+75S	1	12	4	25	.1	5	1	71	.95	4	5	ND	1	24	1	2	2	42	.17	.013	2	4	.15	9	.08	4	1.56	.02	.01	1	1
P1B 4+50W 8+00S	1	26	5	47	.1	21	7	174	1.71	11	5	ND	2	17	1	5	2	90	.27	.065	7	35	1.64	19	.53	2	3.69	.03	.01	1	1
P1B 4+50W 8+25S	1	4	2	29	.1	9	2	125	.86	4	5	ND	1	32	1	2	6	46	.27	.016	4	8	.34	28	.12	2	1.98	.03	.03	1	1
P1B 4+50W 8+50S	1	10	6	44	.1	16	6	179	1.72	8	5	ND	1	36	1	2	3	111	.36	.038	7	35	.99	27	.52	2	3.11	.03	.02	1	1
P1B 4+50W 8+75S	1	3	2	27	.1	4	1	74	.61	9	5	ND	1	23	1	2	2	22	.18	.014	3	7	.21	13	.08	3	.79	.02	.01	1	1
P1B 4+50W 9+00S	1	2	2	22	.5	4	1	68	.55	4	5	ND	1	21	1	3	2	25	.17	.020	4	5	.18	11	.06	2	1.40	.02	.03	1	1
P1B 4+50W 9+25S	1	5	2	16	.1	5	1	90	.98	3	5	ND	1	18	1	2	2	29	.23	.014	5	10	.20	10	.11	3	1.85	.02	.02	1	1
P1B 4+50W 9+50S	1	12	2	28	.2	6	3	160	1.23	4	5	ND	1	32	1	2	2	56	.43	.061	6	9	.47	37	.11	2	1.70	.04	.01	1	1
P1B 4+50W 9+75S	1	21	2	36	.4	9	6	159	1.20	2	5	ND	1	34	1	2	2	54	.64	.077	6	8	.42	32	.10	2	1.56	.04	.03	2	2
P1B 4+50W 10+00S	1	10	2	26	.2	5	2	109	.81	2	5	ND	1	22	1	2	2	41	.22	.020	6	10	.32	18	.09	4	1.76	.02	.01	2	1
P1B 4+00W 0+00S	1	3	2	28	.1	11	2	142	1.22	9	5	ND	1	22	1	3	2	53	.25	.019	5	10	.47	42	.18	4	2.43	.02	.08	1	1
P1B 4+00W 0+25S	1	2	9	12	.1	4	1	57	.27	3	5	ND	1	20	1	2	2	24	.15	.011	2	1	.08	13	.14	3	.79	.02	.02	1	1
P1B 4+00W 0+50S	1	5	4	26	.2	3	1	94	.58	5	5	ND	1	20	1	3	2	34	.23	.014	3	3	.24	18	.16	2	1.26	.02	.03	1	1
P1B 4+00W 0+75S	1	3	6	27	.1	2	1	56	.28	9	5	ND	1	23	1	2	2	24	.16	.027	4	4	.11	16	.10	3	1.41	.01	.01	1	2
P1B 4+00W 1+00S	1	1	10	13	.1	3	1	39	.24	6	5	ND	1	15	1	2	2	18	.13	.014	2	1	.04	9	.14	4	.32	.02	.03	1	4
P1B 4+00W 1+25S	1	1	12	62	.1	9	1	103	.94	2	5	ND	1	24	1	2	2	17	.22	.080	4	3	.15	35	.05	2	.93	.04	.07	1	6
P1B 4+00W 1+50S	1	2	8	56	.3	8	1	65	.73	2	5	ND	1	18	1	4	2	17	.15	.059	4	9	.10	23	.05	7	1.03	.02	.05	1	7
P1B 4+00W 1+75S	1	1	9	19	.3	3	1	71	.48	2	5	ND	1	36	1	2	2	35	.20	.019	3	1	.11	22	.17	3	.87	.01	.03	1	2
P1B 4+00W 2+00S	1	1	5	19	.2	14	1	59	.33	5	5	ND	1	20	1	2	2	22	.18	.015	3	1	.08	16	.14	2	1.20	.02	.02	1	1
P1B 4+00W 2+25S	1	6	10	25	.3	5	3	145	3.10	2	5	ND	1	26	1	2	2	79	.20	.010	3	1	.27	16	.27	6	1.23	.01	.03	1	1
P1B 4+00W 2+50S	1	5	2	30	.1	12	5	224	2.06	2	5	ND	1	30	1	2	2	70	.33	.012	6	7	.49	19	.24	3	2.08	.02	.03	1	2
STD C/AU-S	19	57	40	124	6.6	64	25	917	3.92	36	14	6	30	43	15	17	20	55	.46	.085	34	52	.86	162	.08	36	1.71	.06	.14	13	48

IMPERIAL METALS CORPORATION PROJECT - 4544 FILE # 87-1509

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
P1B 4+00W 2+75S P	1	7	3	80	.1	14	1	22	.20	4	5	ND	1	13	1	2	2	9	.11	.039	3	3	.03	10	.02	9	.59	.01	.01	1	1
P1B 4+00W 3+00S P	1	12	2	62	.3	8	1	58	.30	4	5	ND	1	19	1	2	2	27	.14	.040	5	6	.08	16	.10	3	.96	.02	.02	1	8
P1B 4+00W 3+25S P	1	6	2	57	.1	10	1	27	.16	9	5	ND	1	14	1	3	2	29	.09	.041	5	8	.03	13	.05	2	1.07	.01	.01	1	3
P1B 4+00W 3+50S P	1	9	4	70	.1	10	1	61	.33	4	5	ND	1	24	1	2	2	21	.21	.047	4	3	.09	15	.05	9	.75	.03	.03	1	25
P1B 4+00W 3+75S P	1	7	11	88	.1	7	1	62	.35	5	5	ND	1	22	1	2	2	27	.20	.046	4	3	.10	15	.08	9	.86	.03	.02	1	4
P1B 4+00W 4+00S P	1	9	4	69	.3	10	1	84	.47	4	5	ND	1	26	1	2	2	36	.33	.048	6	5	.14	18	.06	6	1.32	.03	.04	1	1
P1B 4+00W 4+25S P	1	10	2	43	.1	10	3	162	.89	10	5	ND	1	28	1	2	2	34	.30	.027	5	9	.36	26	.12	2	1.58	.04	.03	1	1
P1B 4+00W 4+50S	1	3	9	33	.1	9	2	102	.41	7	5	ND	1	25	1	2	2	25	.23	.024	3	6	.16	15	.12	2	1.41	.03	.01	2	4
P1B 4+00W 4+75S	1	4	10	20	.1	12	1	119	.57	10	5	ND	2	33	1	2	2	43	.28	.015	5	13	.22	19	.23	2	1.57	.02	.01	1	1
P1B 4+00W 5+00S	1	1	2	16	.1	9	1	103	.44	2	5	ND	1	42	1	2	2	43	.26	.015	4	6	.13	18	.21	2	1.10	.02	.01	1	1
P1B 4+00W 5+25S	1	1	12	23	.2	5	1	81	.41	2	5	ND	1	29	1	2	2	37	.24	.017	3	3	.12	13	.22	5	.53	.02	.02	1	1
P1B 4+00W 5+50S	1	1	2	19	.1	5	1	97	.46	5	5	ND	1	27	1	2	2	23	.20	.014	2	1	.15	13	.15	2	.55	.02	.01	1	1
P1B 4+00W 5+75S P	1	10	5	80	.1	11	1	29	.38	2	5	ND	1	15	1	2	2	15	.14	.060	4	3	.04	13	.02	7	.76	.02	.01	1	1
P1B 4+00W 6+00S	1	6	8	36	.1	9	1	42	.91	2	5	ND	1	17	1	2	2	25	.12	.034	4	7	.05	13	.07	2	1.02	.02	.01	4	1
P1B 4+00W 6+25S	1	20	2	33	.1	11	4	210	1.36	9	5	ND	1	38	1	2	3	59	.54	.025	5	9	.29	29	.21	5	3.28	.05	.03	2	1
P1B 4+00W 6+50S	1	27	18	55	.2	14	9	380	5.96	14	5	ND	1	34	1	2	2	151	.56	.053	8	12	.53	25	.14	2	1.79	.05	.03	1	1
P1B 4+00W 6+75S	1	19	4	60	.1	18	8	365	2.24	11	5	ND	1	42	1	2	2	79	.68	.093	7	12	.81	60	.18	12	2.09	.05	.09	1	1
P1B 4+00W 7+00S P	1	7	15	77	.1	14	3	147	1.05	2	5	ND	2	32	1	2	2	27	.32	.046	5	5	.29	21	.08	9	1.00	.04	.03	1	1
P1B 4+00W 7+25S	1	8	8	27	.3	7	3	132	1.06	5	5	ND	1	24	1	2	3	45	.27	.025	4	8	.23	13	.12	3	1.59	.04	.03	2	1
P1B 4+00W 7+50S	1	4	14	19	.1	7	2	111	1.00	5	5	ND	1	27	1	2	2	38	.27	.022	5	10	.20	16	.14	2	1.40	.02	.01	1	18
P1B 4+00W 7+75S	1	8	2	42	.1	18	6	260	3.49	11	5	ND	2	33	1	2	2	104	.37	.027	8	14	.72	50	.29	12	2.91	.04	.14	1	1
P1B 4+00W 8+00S	1	7	3	32	.2	13	2	179	1.26	7	5	ND	1	28	1	2	2	72	.30	.027	3	8	.32	17	.27	2	1.51	.03	.04	1	4
P1B 4+00W 8+25S	1	8	4	37	.1	5	2	126	.55	2	5	ND	1	30	1	2	2	27	.25	.028	4	7	.19	19	.14	6	1.33	.03	.04	2	1
P1B 4+00W 8+50S P	1	6	2	49	.4	15	1	58	.28	10	5	ND	1	15	1	2	2	35	.14	.060	4	10	.10	13	.06	12	1.76	.03	.01	1	1
P1B 4+00W 8+75S P	1	5	13	29	.4	11	1	123	.54	5	5	ND	1	45	1	2	2	38	.34	.039	4	4	.17	21	.21	5	.92	.05	.03	1	1
P1B 4+00W 9+00S	1	6	4	28	.2	6	2	127	.57	8	5	ND	1	24	1	2	2	50	.24	.023	4	7	.24	19	.24	5	1.62	.03	.02	2	1
P1B 4+00W 9+25S	1	6	4	30	.2	4	3	192	.85	3	5	ND	1	24	1	2	2	63	.32	.012	3	5	.30	11	.23	3	.78	.04	.02	1	1
P1B 4+00W 9+50S	1	5	4	85	.2	11	1	28	.13	3	5	ND	1	25	1	2	2	14	.17	.070	3	3	.07	13	.02	6	.84	.02	.01	3	2
P1B 4+00W 9+75S	1	1	2	78	.3	6	1	32	.09	3	7	ND	1	20	1	2	2	11	.07	.034	3	3	.06	11	.04	7	1.10	.02	.01	1	1
P1B 4+00W 10+00S	1	9	13	35	.2	7	6	297	3.29	13	5	ND	2	39	1	2	2	94	.52	.015	7	14	.48	24	.26	7	2.76	.10	.05	1	1
P1B 3+50W 0+00S	1	5	3	102	.1	9	1	65	.21	3	5	ND	1	17	1	2	2	8	.16	.064	4	3	.04	16	.01	8	.66	.02	.01	1	1
P1B 3+50W 0+25S	1	5	5	68	.3	7	1	26	.16	3	5	ND	1	15	1	2	2	13	.10	.055	4	2	.03	14	.02	3	.91	.02	.01	1	1
P1B 3+50W 0+50S P	1	8	8	29	.1	8	1	119	.60	7	5	ND	1	45	1	2	2	22	.24	.030	5	7	.20	33	.12	2	1.09	.02	.03	1	1
P1B 3+50W 0+75S	1	2	6	21	.1	8	2	148	1.08	4	5	ND	1	41	1	2	2	52	.34	.017	5	5	.24	22	.18	2	1.69	.03	.02	2	2
P1B 3+50W 1+00S	1	1	7	23	.5	9	2	126	.60	2	5	ND	1	36	1	4	2	31	.31	.019	6	9	.22	21	.21	7	1.00	.02	.05	2	1
P1B 3+50W 1+25S	1	3	8	45	.4	8	1	43	.24	2	6	ND	1	27	1	2	2	29	.15	.051	6	2	.05	22	.12	5	1.85	.02	.02	1	1
STD C/AU-S	20	59	38	134	6.9	71	29	1032	3.88	38	15	7	34	48	17	16	21	63	.47	.099	36	59	.84	180	.08	37	1.66	.07	.15	13	50

IMPERIAL METALS CORPORATION PROJECT - 4544 FILE # 87-1509

SAMPLE#	NO PPH	CU PPH	PB PPH	ZN PPH	AG PPH	NI PPH	CO PPH	MN PPH	FE %	AS PPH	U PPH	AU PPH	TH PPH	SR PPH	CD PPH	SB PPH	BI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MG %	BA PPH	TI %	B PPH	AL %	NA %	K %	W PPH	AU# PPB
P1B 3+50W 1+50S	1	4	2	21	.1	3	1	91	.36	2	5	ND	1	39	1	2	2	30	.27	.023	7	2	.10	26	.13	2	1.92	.02	.03	1	8
P1B 3+50W 1+75S	1	2	5	21	.1	2	1	117	.54	2	5	ND	1	44	1	2	2	33	.35	.015	4	1	.12	19	.23	2	.66	.01	.03	1	4
P1B 3+50W 2+00S	1	2	10	50	.1	1	1	77	.52	5	5	ND	1	40	1	2	2	39	.26	.025	4	3	.07	28	.21	2	.78	.02	.05	2	4
P1B 3+50W 2+25S	1	3	2	47	.1	1	1	69	.38	5	5	ND	1	32	1	3	2	22	.23	.031	4	1	.10	21	.10	2	.70	.01	.03	2	2
P1B 3+50W 2+50S	1	7	5	20	.1	1	1	91	.34	2	5	ND	1	33	1	2	2	30	.24	.010	4	1	.07	19	.16	2	.68	.01	.03	1	6
P1B 3+50W 2+75S	1	5	4	16	.1	1	1	240	.50	2	5	ND	1	34	1	4	2	31	.24	.010	5	3	.10	22	.17	2	.79	.01	.04	1	37
P1B 3+50W 3+00S	1	3	2	22	.1	1	1	114	.85	2	5	ND	1	29	1	2	2	46	.29	.011	6	9	.21	19	.24	2	1.26	.03	.03	1	2
P1B 3+50W 3+25S	1	4	5	24	.1	3	2	113	1.17	4	5	ND	1	28	1	2	2	54	.29	.014	6	10	.20	25	.28	2	1.54	.02	.02	1	1
P1B 3+50W 3+50S	1	1	5	63	.1	7	9	454	4.07	4	5	ND	2	24	1	2	2	141	.28	.012	5	11	1.56	47	.36	2	2.77	.03	.26	1	3
P1B 3+50W 3+75S P	1	8	10	75	.1	5	1	49	.30	2	5	ND	1	19	1	2	2	37	.16	.048	6	5	.06	14	.13	2	1.29	.01	.03	1	1
P1B 3+50W 4+00S P	1	5	4	84	.1	5	1	37	.15	2	5	ND	1	12	1	4	2	15	.09	.049	4	2	.04	12	.03	4	.88	.02	.02	1	1
P1B 3+50W 4+25S	1	3	8	33	.1	3	1	111	.44	2	5	ND	1	18	1	2	2	34	.25	.018	3	2	.15	10	.26	5	.54	.03	.03	1	1
P1B 3+50W 4+50S P	1	7	2	51	.1	1	2	63	.24	3	5	ND	1	19	1	2	2	19	.18	.044	3	4	.07	14	.10	2	.92	.02	.02	1	1
P1B 3+50W 4+75S	1	7	2	48	.2	5	1	64	.36	2	5	ND	1	21	1	2	2	34	.15	.030	4	5	.10	20	.11	2	1.63	.02	.01	1	1
P1B 3+50W 5+00S	1	8	13	23	.2	5	2	171	1.19	2	5	ND	1	27	1	2	2	58	.34	.014	4	6	.30	22	.28	2	1.50	.04	.03	1	2
P1B 3+50W 5+25S	1	1	10	24	.1	1	1	97	.37	5	5	ND	1	34	1	2	2	31	.30	.013	2	1	.12	17	.21	3	.50	.04	.02	2	1
P1B 3+50W 5+50S	1	11	10	31	.1	1	3	184	4.08	2	5	ND	1	25	1	2	2	108	.33	.023	3	2	.32	14	.38	2	1.45	.03	.04	1	1
P1B 3+50W 5+75S	1	4	10	16	.1	4	2	115	.65	7	5	ND	1	26	1	2	2	55	.26	.007	4	6	.15	15	.32	2	.78	.02	.02	1	6
P1B 3+50W 6+00S P	1	11	2	82	.1	2	16	11659	4.66	4	5	ND	1	30	1	2	2	82	.42	.067	6	8	.11	62	.06	2	1.26	.02	.05	1	1
P1B 3+50W 6+25S	1	15	2	64	.1	4	9	430	3.54	2	5	ND	1	30	1	3	2	278	.45	.083	12	8	.70	79	.16	2	3.75	.04	.14	1	1
P1B 3+50W 6+50S P	1	7	7	96	.1	5	2	89	.43	2	5	ND	1	27	1	2	2	9	.28	.044	3	1	.06	14	.01	2	.35	.02	.02	1	1
P1B 3+50W 6+75S	1	3	14	22	.1	4	1	91	.36	2	5	ND	1	24	1	2	2	27	.23	.020	6	14	.13	20	.13	2	1.29	.02	.02	2	4
P1B 3+50W 7+00S P	1	4	2	110	.1	5	1	62	.19	2	5	ND	1	59	1	2	2	4	.43	.047	2	2	.08	22	.01	4	.23	.02	.02	1	1
P1B 3+50W 7+25S P	1	4	11	73	.1	4	1	58	.14	2	5	ND	1	43	1	2	2	4	.28	.041	2	1	.06	17	.01	2	.29	.02	.01	1	4
P1B 3+50W 7+50S P	1	5	2	85	.3	7	1	27	.19	2	5	ND	1	18	1	2	2	10	.16	.059	4	5	.04	14	.02	2	.81	.02	.02	1	4
P1B 3+50W 7+75S	1	5	2	28	.1	7	4	194	1.94	2	5	ND	1	28	1	2	2	53	.41	.028	7	16	.36	22	.19	3	1.69	.04	.04	1	1
P1B 3+50W 8+00S	1	4	8	22	.1	5	3	138	1.74	6	5	ND	1	21	1	3	2	61	.25	.011	6	16	.19	15	.31	2	1.53	.02	.03	1	1
P1B 3+50W 8+25S P	1	9	2	78	.1	4	1	21	.34	2	5	ND	1	13	1	2	2	19	.08	.066	4	5	.03	12	.03	2	1.19	.02	.01	1	1
P1B 3+50W 8+50S P	1	6	2	52	.3	7	2	84	.60	2	5	ND	1	24	1	4	2	27	.19	.059	4	12	.16	28	.08	2	1.33	.03	.04	1	1
P1B 3+50W 8+75S	1	7	2	43	.3	2	2	111	.47	2	5	ND	1	48	1	6	2	39	.28	.033	5	7	.21	24	.11	2	2.15	.03	.03	3	1
P1B 3+50W 9+00S	1	4	6	24	.1	4	2	102	.52	7	5	ND	1	36	1	2	2	43	.30	.024	6	11	.18	23	.16	2	1.88	.02	.03	1	1
P1B 3+50W 9+25S	1	2	10	26	.1	1	1	116	.46	2	5	ND	1	48	1	2	2	39	.32	.022	3	3	.15	20	.17	2	.80	.03	.03	1	1
P1B 3+50W 9+50S	1	4	4	51	.2	1	1	81	.43	2	5	ND	1	30	1	2	2	33	.23	.037	4	3	.09	18	.15	5	.73	.02	.04	2	1
P1B 3+50W 9+75S P	1	6	2	64	.1	6	1	33	.23	7	5	ND	1	24	1	2	2	29	.13	.061	4	7	.05	21	.08	5	1.38	.02	.03	1	1
P1B 3+50W 10+00S	1	4	12	29	.1	4	2	155	1.09	2	5	ND	1	32	1	2	2	70	.35	.013	4	12	.29	20	.33	2	.97	.03	.03	1	1
STD C/AU-S	19	59	39	135	6.7	69	27	1012	3.91	40	16	7	33	47	18	15	19	61	.49	.102	37	57	.87	177	.08	37	1.64	.06	.13	14	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
P1B 3+00M 0+00S	1	4	5	29	.1	4	2	117	1.38	7	5	ND	1	19	1	2	3	43	.21	.015	3	6	.30	12	.14	2	.96	.02	.02	1	7
P1B 3+00M 0+25S	1	2	13	24	.1	3	2	95	2.82	2	5	ND	2	20	1	2	2	82	.17	.012	6	9	.20	14	.24	2	2.03	.01	.03	2	3
P1B 3+00M 0+50S P	1	3	2	81	.1	4	1	38	.29	4	5	ND	1	14	1	3	2	16	.11	.032	4	3	.07	15	.04	2	1.23	.01	.01	1	5
P1B 3+00M 0+75S P	1	6	2	55	.1	4	1	53	.38	7	5	ND	1	17	1	2	2	22	.13	.028	3	6	.10	15	.06	2	1.00	.02	.02	1	3
P1B 3+00M 1+00S	1	1	4	23	.1	1	1	28	.20	5	5	ND	1	16	1	2	2	13	.10	.020	2	4	.03	10	.06	2	.43	.01	.01	1	6
P1B 3+00M 1+25S	1	3	7	35	.1	4	1	82	1.00	9	5	ND	1	25	1	2	2	30	.19	.023	3	5	.17	21	.12	6	.83	.02	.01	1	25
P1B 3+00M 1+50S	1	2	2	19	.1	4	1	58	.31	3	5	ND	1	14	1	2	2	20	.13	.015	4	2	.09	12	.08	2	1.12	.01	.01	1	13
P1B 3+00M 1+75S	1	2	4	23	.1	1	1	48	.22	2	5	ND	1	19	1	2	2	12	.13	.017	2	1	.08	10	.06	2	.97	.01	.01	1	11
P1B 3+00M 2+00S P	1	1	2	63	.1	1	1	94	.60	2	5	ND	1	16	1	2	2	16	.12	.037	3	2	.18	21	.04	2	.86	.01	.02	1	107
P1B 3+00M 2+25S P	1	1	11	58	.1	4	1	84	.49	2	5	ND	1	18	1	2	2	15	.13	.039	5	3	.15	18	.04	2	1.12	.02	.03	1	31
P1B 3+00M 2+50S P	1	1	2	54	.1	5	1	77	.75	2	5	ND	1	26	1	2	2	18	.16	.040	4	4	.11	20	.05	2	.96	.02	.03	1	27
P1B 3+00M 2+75S	1	2	6	32	.1	1	1	68	.40	6	5	ND	1	16	1	2	2	22	.14	.018	4	5	.16	10	.09	2	1.36	.01	.01	1	1
P1B 3+00M 3+00S	1	2	2	21	.1	5	1	65	.27	2	5	ND	1	14	1	2	4	19	.13	.015	4	2	.11	8	.09	2	1.35	.01	.01	1	1
P1B 3+00M 3+25S	1	1	5	20	.1	1	1	73	.69	5	5	ND	1	15	1	2	2	37	.14	.018	4	1	.14	13	.13	2	1.67	.01	.01	1	1
P1B 3+00M 3+50S	1	2	6	19	.1	1	1	47	.28	2	5	ND	1	15	1	2	4	22	.12	.024	4	5	.08	13	.08	2	1.49	.01	.01	1	2
P1B 3+00M 3+75S P	1	1	5	53	.1	5	1	36	.77	2	5	ND	1	13	1	3	2	14	.09	.049	3	2	.05	15	.03	2	.81	.01	.01	1	1
P1B 3+00M 4+00S	1	4	4	24	.1	4	2	126	.69	2	5	ND	1	13	1	2	2	30	.16	.015	4	1	.30	15	.15	2	1.90	.02	.04	1	1
P1B 3+00M 4+25S P	1	5	2	57	.1	7	1	23	.19	4	5	ND	1	13	1	2	2	9	.09	.046	3	1	.03	13	.02	3	.70	.02	.02	1	1
P1B 3+00M 4+50S	1	1	2	22	.1	1	1	101	.60	2	5	ND	1	15	1	2	2	27	.17	.015	4	3	.23	13	.12	2	1.56	.02	.01	1	2
P1B 3+00M 4+75S P	1	6	7	32	.1	4	1	44	.29	7	5	ND	1	19	1	2	2	13	.13	.042	3	1	.07	17	.06	2	.77	.02	.01	1	1
P1B 3+00M 5+00S	1	6	3	13	.1	1	1	60	1.01	4	5	ND	1	19	1	2	2	78	.13	.014	3	1	.11	14	.17	2	1.16	.02	.01	1	1
P1B 3+00M 5+25S P	1	1	2	72	.2	4	1	23	.11	3	5	ND	1	15	1	3	2	8	.10	.026	2	1	.04	10	.03	5	.39	.02	.02	1	2
P1B 3+00M 5+50S	1	2	3	35	.1	1	1	60	.46	5	5	ND	1	16	1	2	2	26	.17	.026	2	1	.10	13	.10	2	.67	.04	.03	1	2
P1B 3+00M 5+75S	1	4	9	14	.1	1	2	70	2.83	5	5	ND	2	15	1	3	2	101	.14	.005	2	2	.13	9	.27	3	.90	.01	.01	1	2
P1B 3+00M 6+00S	1	6	2	13	.1	1	1	76	.74	2	5	ND	2	15	1	2	2	57	.18	.005	3	1	.16	10	.25	2	1.18	.01	.01	1	2
P1B 3+00M 6+25S	1	3	7	46	.2	7	5	261	1.29	4	5	ND	1	15	1	2	2	35	.19	.024	3	1	.71	16	.14	2	1.81	.02	.03	1	1
P1B 3+00M 6+50S	1	4	2	21	.1	4	2	109	1.32	2	5	ND	2	13	1	2	2	61	.16	.016	5	4	.23	10	.17	2	2.41	.02	.01	1	1
P1B 3+00M 6+75S	1	7	4	28	.1	1	3	88	.85	4	5	ND	1	16	1	2	2	29	.18	.024	3	1	.20	16	.09	2	1.83	.03	.02	1	1
P1B 3+00M 7+00S	1	7	5	60	.1	6	4	112	.89	10	5	ND	1	19	1	2	2	29	.26	.025	3	3	.36	42	.09	3	1.18	.03	.05	1	1
P1B 3+00M 7+25S	1	1	9	25	.3	8	1	28	.25	10	5	ND	1	12	1	3	2	12	.11	.023	2	4	.07	10	.04	2	.54	.01	.02	1	1
P1B 3+00M 7+50S	1	5	6	60	.3	4	1	30	.38	3	5	ND	1	18	1	3	2	24	.13	.057	3	2	.06	16	.04	2	.86	.02	.02	1	1
P1B 3+00M 7+75S	1	9	2	115	.2	2	1	36	.12	3	5	ND	2	14	1	2	2	10	.14	.038	2	1	.05	10	.01	2	.48	.02	.01	1	1
P1B 3+00M 8+00S	1	5	3	23	.1	6	1	64	.68	3	5	ND	1	19	1	2	2	31	.34	.020	3	2	.08	13	.04	4	.84	.02	.01	1	1
P1B 3+00M 8+25S	1	1	6	14	.2	1	1	62	.55	2	5	ND	1	20	1	2	2	32	.18	.014	4	5	.16	13	.14	4	1.17	.01	.01	1	1
P1B 3+00M 8+50S P	1	6	10	33	.1	2	1	42	.28	5	6	ND	1	21	1	2	2	33	.15	.037	4	7	.10	21	.08	3	1.85	.01	.01	1	1
P1B 3+00M 8+75S P	1	5	2	59	.1	4	2	39	.17	2	5	ND	1	24	1	2	2	12	.21	.070	3	1	.04	16	.02	8	.87	.02	.01	1	1
STD C/AU-S	19	59	39	135	7.0	67	29	1028	3.92	40	14	8	33	48	17	15	20	62	.51	.101	36	62	.90	179	.08	36	1.68	.07	.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	AUX PPB
P1B 3+00W 9+00S	1	7	4	36	.2	1	1	78	.28	2	5	ND	1	28	1	2	2	22	.24	.033	3	3	.11	12	.10	10	.77	.02	.02	1	1
P1B 3+00W 9+25S	1	2	4	23	.1	1	1	117	.46	2	5	ND	1	42	1	2	2	22	.29	.017	2	3	.11	14	.14	4	.60	.02	.03	1	2
P1B 3+00W 9+50S	1	2	17	19	.3	3	3	217	1.14	2	5	ND	1	31	1	2	2	65	.31	.009	4	5	.25	17	.37	7	.73	.04	.03	1	1
P1B 3+00W 9+75S	1	7	18	38	.2	5	5	302	2.81	4	5	ND	1	40	1	2	2	70	.48	.018	5	10	.56	21	.23	8	2.19	.07	.06	1	1
P1B 3+00W 10+00S P	1	9	11	51	.2	5	1	42	.35	5	5	ND	1	20	1	2	2	27	.12	.054	5	12	.06	19	.08	11	1.54	.02	.03	1	1
P1C 0+50W 0+00S	1	6	10	24	.1	1	2	104	1.11	2	5	ND	1	31	1	2	2	53	.35	.021	5	6	.23	42	.36	10	.83	.02	.07	1	2
P1C 0+50W 1+00S	1	5	6	28	.2	5	2	85	.45	2	5	ND	1	35	1	2	2	29	.23	.012	3	21	.19	17	.16	5	.78	.01	.03	1	13
P1C 0+50W 2+00S	1	3	10	29	.1	12	3	170	1.18	2	5	ND	1	21	1	2	5	56	.26	.010	4	30	.45	44	.28	5	.96	.03	.06	1	10
P1C 0+50W 3+00S	1	3	15	15	.1	2	1	67	.29	4	5	ND	2	15	1	3	2	28	.19	.010	5	1	.04	20	.25	6	.94	.01	.04	1	2
P1C 0+50W 4+00S	2	1	18	20	.1	1	1	74	.33	2	5	ND	1	13	1	2	3	16	.13	.007	6	6	.11	22	.13	2	.93	.01	.04	1	1
P1C 0+50W 5+00S	1	46	10	39	.1	9	5	255	1.30	10	5	ND	2	42	1	2	2	56	.67	.047	12	15	.59	76	.17	5	1.70	.04	.07	1	3
P1C 0+25W 0+00S	1	24	16	68	.3	12	14	412	4.79	15	5	ND	3	42	1	2	2	143	.40	.012	3	20	1.75	43	.45	5	2.39	.02	.07	1	1
P1C 0+25W 1+00S	1	10	4	19	.1	9	2	77	.58	6	5	ND	1	38	1	2	5	40	.28	.022	6	19	.22	21	.18	5	1.24	.01	.02	2	3
P1C 0+25W 2+00S	1	8	13	23	.1	3	1	108	.54	2	5	ND	1	31	1	2	2	33	.23	.018	4	12	.15	21	.29	4	.75	.01	.04	1	42
P1C 0+25W 3+00S	1	2	14	19	.1	2	1	38	.16	2	5	ND	1	6	1	2	5	11	.06	.015	4	3	.03	24	.08	8	.61	.01	.03	3	1
P1C 0+25W 4+00S	1	14	23	83	.2	27	10	484	2.66	21	5	ND	2	33	1	2	2	89	.40	.025	8	76	1.46	58	.34	16	2.93	.03	.38	1	5
P1C 0+25W 5+00S	2	1	3	14	.1	3	1	87	.37	2	5	ND	2	25	1	2	5	18	.22	.011	10	2	.08	15	.12	2	.51	.01	.03	1	3
P1C 0+00E 0+25S	1	17	9	49	.1	7	9	304	3.84	8	5	ND	2	29	1	2	2	86	.42	.023	7	16	.88	32	.43	2	1.95	.04	.09	2	1
P1C 0+00E 0+50S	1	15	16	50	.1	12	8	306	3.77	11	5	ND	2	34	1	2	2	125	.49	.014	5	25	1.06	57	.47	2	1.77	.04	.13	1	8
P1C 0+00E 0+75S	1	7	11	30	.1	16	7	229	2.47	6	5	ND	2	35	1	2	2	83	.51	.017	6	22	.72	30	.41	5	1.81	.04	.08	1	5
P1C 0+00E 1+00S	1	5	6	27	.1	9	5	210	2.59	6	5	ND	2	57	1	2	2	86	.49	.011	6	15	.57	60	.49	4	1.49	.02	.09	1	2
P1C 0+00E 1+25S	1	7	5	26	.1	4	1	166	.71	8	5	ND	1	54	1	2	2	38	.39	.012	4	2	.25	13	.24	2	.95	.01	.03	2	3
P1C 0+00E 1+50S	1	2	21	64	.1	29	11	354	2.96	13	5	ND	2	30	1	2	2	112	.34	.011	7	69	1.67	13	.41	11	1.86	.02	.05	1	1
P1C 0+00E 1+75S	1	19	2	46	.2	4	4	140	.75	12	5	ND	1	34	1	2	2	40	.33	.033	7	22	.35	31	.19	2	1.70	.02	.03	1	135
P1C 0+00E 2+00S	1	7	9	77	.1	42	10	350	3.11	14	5	ND	2	63	1	2	2	96	.64	.023	6	85	1.60	56	.27	9	3.22	.12	.06	1	6
P1C 0+00E 2+25S	1	3	2	25	.1	1	1	54	.26	5	6	ND	1	21	1	2	2	30	.15	.027	6	9	.09	27	.12	5	1.19	.01	.04	2	29
P1C 0+00E 2+50S	1	4	5	29	.1	7	4	174	1.13	8	5	ND	1	36	1	2	2	47	.27	.019	6	8	.49	34	.32	3	1.46	.01	.05	2	26
P1C 0+00E 2+75S P	1	12	6	72	.1	11	1	42	.29	3	5	ND	1	19	1	2	2	10	.24	.054	4	3	.06	29	.02	9	.60	.02	.01	2	2
P1C 0+00E 3+00S P	1	10	4	76	.1	7	1	26	.19	7	5	ND	1	19	1	2	2	14	.21	.047	5	4	.04	26	.03	7	.78	.02	.02	2	2
P1C 0+00E 3+25S	1	1	10	29	.1	4	4	249	1.62	6	5	ND	1	49	1	2	2	79	.45	.006	3	7	.54	24	.31	2	1.13	.02	.06	1	1
P1C 0+00E 3+50S P	1	5	3	110	.1	11	1	30	.19	3	5	ND	1	15	1	2	2	13	.16	.046	5	4	.06	28	.04	2	.67	.02	.04	1	1
P1C 0+00E 3+75S	1	18	11	50	.1	33	13	398	2.64	21	5	ND	1	41	1	2	2	81	.61	.016	8	61	1.35	66	.35	9	2.75	.04	.37	1	4
P1C 0+00E 4+00S	1	8	2	25	.1	7	3	216	1.24	8	5	ND	1	43	1	2	5	35	.69	.060	13	13	.39	46	.15	10	1.37	.04	.05	1	1
P1C 0+00E 4+25S	1	56	9	55	.1	19	11	420	2.67	12	5	ND	2	42	1	2	2	93	.74	.025	9	19	1.15	106	.25	4	2.75	.06	.18	1	7
STD C/AU-S	19	58	42	132	6.8	67	29	998	3.88	39	16	7	33	47	17	15	20	60	.45	.103	35	57	.86	175	.08	39	1.71	.06	.12	14	48

IMPERIAL METALS CORPORATION PROJECT-4544 FILE # 87-1509

SAMPLE#	NO 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	AUS PPB
PIC 0+00E 4+50S P	1	7	6	101	.1	23	1	21	.12	2	5	ND	1	14	1	2	2	5	.15	.032	4	2	.04	23	.01	3	.43	.02	.02	1	4
PIC 0+00E 4+75S P	1	7	6	103	.2	13	1	29	.12	2	5	ND	1	15	1	2	2	6	.15	.033	4	2	.03	21	.01	3	.53	.02	.02	1	1
PIC 0+00E 5+00S P	1	7	7	112	.1	14	1	32	.25	2	5	ND	1	20	1	2	2	6	.26	.031	3	5	.05	29	.02	4	.43	.02	.03	1	4
PIC 0+25E 0+00S	1	4	2	20	.1	12	3	111	1.31	2	5	ND	1	23	1	2	5	57	.31	.004	2	40	.49	12	.27	3	.75	.02	.01	1	3
PIC 0+25E 1+00S	1	11	6	44	.2	17	7	247	2.50	2	5	ND	1	26	1	2	2	105	.34	.010	3	37	1.01	31	.29	2	1.62	.02	.08	2	1
PIC 0+25E 2+00S	1	3	8	22	.1	2	3	135	1.03	2	5	ND	1	27	1	2	2	46	.28	.018	4	2	.45	12	.27	2	1.39	.02	.01	1	1
PIC 0+25E 3+00S	1	11	3	36	.1	13	5	207	5.33	5	5	ND	3	15	1	3	2	106	.15	.011	5	12	.52	35	.32	4	1.48	.01	.07	1	1
PIC 0+25E 4+00S	1	6	4	34	.1	10	3	179	1.48	2	5	ND	1	25	1	2	2	61	.31	.010	8	14	.56	39	.23	2	2.00	.02	.08	1	22
PIC 0+25E 5+00S	1	2	2	18	.2	5	1	41	.52	3	5	ND	2	2	1	2	2	10	.02	.004	6	1	.05	19	.02	2	.29	.01	.03	1	116
PIC 0+50E 0+00S	1	3	3	19	.1	6	1	86	.65	2	5	ND	1	24	1	2	2	35	.28	.007	2	14	.26	23	.25	3	.74	.02	.05	1	2
PIC 0+50E 1+00S	1	3	3	24	.2	5	4	170	1.60	2	5	ND	1	34	1	2	3	71	.30	.007	2	5	.57	28	.27	2	.95	.01	.10	1	1
PIC 0+50E 2+00S	1	4	4	35	.1	2	3	114	1.27	2	5	ND	1	21	1	2	2	44	.24	.031	3	2	.47	29	.24	6	1.08	.02	.06	1	2
PIC 0+50E 3+00S	1	2	4	17	.1	5	1	101	.63	2	5	ND	1	23	1	2	2	27	.23	.008	4	8	.24	14	.14	2	.90	.01	.02	1	1
PIC 0+50E 4+00S	1	1	5	8	.1	6	1	23	.15	2	5	ND	1	4	1	2	2	5	.05	.008	4	1	.03	20	.02	2	.44	.01	.03	1	2
PIC 0+50E 5+00S	1	1	7	17	.2	3	1	63	.45	2	5	ND	1	20	1	2	2	14	.12	.019	5	1	.07	9	.05	5	.77	.01	.02	1	84
STD C/AU-S	18	57	35	126	6.9	67	27	956	4.02	40	16	7	31	45	16	17	18	58	.45	.091	34	55	.88	170	.08	36	1.73	.06	.12	13	50

GEOCHEMICAL ICP ANALYSIS

.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 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: P1-10 SOILS P11-13 SILTS AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: MAY 26 1987 DATE REPORT MAILED: *June 3/87* ASSAYER: *D. Jeyaraj* DEAN TOYE, CERTIFIED B.C. ASSAYER

IMPERIAL METALS CORPORATION PROJECT -- 4544 File # 87-1435 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# PPM
PIB 2+50W 0+00S	1	1	6	15	.1	8	1	101	.49	2	5	ND	1	33	1	2	2	42	.15	.006	3	1	.13	14	.21	2	.80	.01	.02	1	1
PIB 2+50W 0+25S	1	5	4	21	.1	5	3	119	1.34	4	5	ND	1	21	1	2	2	49	.18	.017	3	8	.34	14	.14	7	1.29	.01	.03	1	2
PIB 2+50W 0+50S	1	2	3	18	.1	4	1	50	.48	2	5	ND	1	15	1	2	2	25	.11	.014	4	4	.09	10	.09	5	1.06	.01	.02	1	1
PIB 2+50W 0+75S	1	2	2	40	.3	5	4	193	.95	2	5	ND	1	25	1	2	3	39	.24	.025	5	3	.44	38	.16	4	1.85	.02	.05	1	9
PIB 2+50W 1+00S	1	2	5	21	.1	5	3	104	.72	2	5	ND	1	17	1	2	2	41	.18	.011	4	10	.29	15	.16	6	1.74	.02	.02	1	7
PIB 2+50W 1+25S	1	3	2	33	.1	5	2	104	.49	2	5	ND	1	23	1	2	2	22	.18	.020	4	4	.24	18	.09	4	1.26	.01	.03	1	6
PIB 2+50W 1+50S	1	1	4	29	.1	5	4	154	1.04	2	5	ND	1	20	1	2	2	41	.24	.011	2	1	.50	29	.19	4	1.28	.02	.05	1	15
PIB 2+50W 1+75S	1	2	2	29	.1	3	1	106	.51	2	5	ND	1	15	1	2	2	41	.13	.017	3	2	.18	11	.22	3	1.07	.01	.02	1	5
PIB 2+50W 2+00S	1	2	2	16	.1	8	2	96	.64	2	5	ND	1	19	1	2	2	23	.16	.011	4	3	.21	16	.10	4	1.37	.01	.03	1	107
PIB 2+50W 2+25S	1	1	11	22	.1	10	1	116	.65	4	5	ND	1	20	1	2	2	32	.17	.012	4	1	.20	15	.19	4	1.31	.01	.03	1	54
PIB 2+50W 2+50S	1	3	2	21	.1	6	1	102	.44	2	5	ND	1	18	1	2	2	30	.18	.014	3	1	.15	8	.22	2	.76	.02	.02	1	2
PIB 2+50W 2+75S	1	1	3	9	.1	3	1	45	.23	2	5	ND	1	17	1	2	2	12	.10	.014	3	1	.10	15	.05	4	1.13	.01	.03	1	158
PIB 2+50W 3+00S	1	4	6	22	.1	7	3	131	.86	2	5	ND	1	19	1	2	2	30	.17	.017	2	1	.42	14	.15	4	.80	.01	.02	1	16
PIB 2+50W 3+25S	1	3	4	23	.1	1	2	373	1.54	2	5	ND	1	24	1	2	2	36	.23	.036	7	5	.11	23	.06	3	2.17	.01	.02	1	19
PIB 2+50W 3+50S	1	2	5	24	.1	14	1	76	.48	2	5	ND	1	17	1	2	2	27	.15	.014	4	5	.19	22	.16	6	1.73	.01	.03	1	1
PIB 2+50W 3+75S	1	1	6	21	.1	8	1	60	.40	4	5	ND	1	26	1	2	3	33	.18	.017	3	1	.08	21	.18	5	1.02	.01	.03	1	2
PIB 2+50W 4+00S	1	1	2	15	.1	12	2	87	.47	3	5	ND	1	23	1	2	2	27	.17	.012	4	2	.16	18	.13	4	1.21	.01	.02	1	1
PIB 2+50W 4+25S	1	5	2	22	.1	7	1	47	.21	2	5	ND	1	13	1	2	2	18	.14	.014	3	1	.05	9	.12	3	.85	.02	.02	1	1
PIB 2+50W 4+50S	1	4	5	22	.1	9	2	96	.98	2	5	ND	1	21	1	2	2	55	.22	.011	5	8	.23	17	.20	5	1.76	.02	.02	1	1
PIB 2+50W 4+75S	1	2	5	40	.2	3	1	68	.66	3	5	ND	1	20	1	2	4	44	.19	.025	2	1	.19	8	.17	6	.63	.01	.02	1	5
PIB 2+50W 5+00S	1	5	2	25	.1	12	2	112	.75	2	5	ND	1	23	1	2	3	25	.24	.030	5	7	.29	25	.10	4	1.70	.02	.05	1	2
PIB 2+50W 5+25S	1	4	4	24	.2	7	1	74	.52	2	5	ND	1	18	1	2	3	31	.16	.014	4	9	.20	15	.16	5	1.60	.01	.01	1	1
PIB 2+50W 5+50S	1	4	4	16	.2	14	2	106	.70	3	5	ND	1	20	1	2	2	33	.22	.009	4	6	.27	16	.14	4	1.44	.02	.02	1	2
PIB 2+50W 5+75S	1	2	5	21	.2	18	2	81	.58	2	5	ND	1	16	1	2	2	39	.16	.014	4	7	.18	16	.14	4	1.69	.01	.01	1	1
PIB 2+50W 6+00S	1	4	2	15	.1	5	2	84	.70	2	5	ND	1	15	1	2	2	38	.19	.011	4	3	.16	10	.13	3	.86	.02	.01	1	12
PIB 2+50W 6+25S	1	1	2	13	.1	4	1	79	.44	2	5	ND	1	18	1	2	3	23	.17	.009	4	7	.17	18	.14	5	1.25	.01	.04	1	1
PIB 2+50W 6+50S	1	3	7	25	.1	6	2	119	1.22	2	5	ND	1	20	1	2	2	44	.20	.008	4	10	.29	18	.19	5	1.07	.02	.05	1	1
PIB 2+50W 6+75S	1	3	4	23	.1	4	3	87	.70	2	5	ND	1	22	1	2	2	41	.17	.014	3	9	.25	18	.19	4	1.35	.01	.03	1	1
PIB 2+50W 7+00S	1	4	4	22	.1	9	1	61	.38	2	5	ND	1	18	1	2	2	33	.14	.014	4	7	.15	15	.14	5	1.74	.01	.01	1	1
PIB 2+50W 7+25S	1	2	8	19	.1	7	1	67	.42	2	5	ND	1	13	1	2	2	47	.13	.009	4	4	.12	11	.20	3	1.21	.01	.02	1	3
PIB 2+50W 7+50S	1	3	6	17	.1	4	2	88	.80	3	5	ND	1	13	1	2	2	59	.15	.009	3	3	.17	10	.25	2	.75	.01	.02	1	1
PIB 2+50W 7+75S	1	3	4	23	.1	6	2	97	.70	2	5	ND	1	11	1	2	2	49	.15	.012	2	3	.19	13	.20	4	.96	.02	.01	1	1
PIB 2+50W 8+00S	1	2	2	21	.2	17	3	133	1.18	3	5	ND	1	21	1	2	3	41	.24	.011	5	8	.37	26	.16	2	1.66	.02	.04	1	1
PIB 2+50W 8+25S	1	2	7	15	.1	8	2	63	.63	5	5	ND	1	14	1	2	2	36	.13	.012	3	10	.19	11	.14	4	.97	.01	.03	1	1
PIB 2+50W 8+50S	1	1	7	18	.2	9	1	40	.25	2	5	ND	1	13	1	2	2	25	.11	.012	3	3	.09	13	.13	6	.85	.01	.01	1	1
PIB 2+50W 8+75S	1	1	2	15	.1	7	1	71	.37	2	5	ND	1	19	1	2	2	37	.15	.009	2	6	.14	12	.21	3	1.05	.02	.01	1	2
STD C/AU-S	19	60	37	130	6.7	64	28	983	3.97	40	15	8	32	46	16	16	23	60	.50	.092	35	57	.86	173	.08	37	1.70	.06	.14	13	49

PIB

-20 mesh P = pulverized
 June 3/87

IMPERIAL METALS CORPORATION PROJECT - 4555 FILE # 87-1435

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
PIB 2+50W 9+00S	1	11	10	34	.2	18	3	115	.76	2	5	ND	1	27	1	2	2	31	.27	.050	6	9	.36	32	.08	6	2.19	.02	.03	1	1
PIB 2+50W 9+25S	1	3	10	22	.1	6	1	60	.49	2	5	ND	1	15	1	2	2	25	.11	.013	3	3	.10	11	.09	3	.87	.01	.01	1	1
PIB 2+50W 9+50S	1	8	10	38	.1	10	3	165	1.48	2	5	ND	1	21	1	2	2	62	.29	.054	5	5	.51	50	.13	4	2.03	.02	.09	1	3
PIB 2+50W 9+75S	1	10	9	64	.1	3	2	76	.67	4	5	ND	1	21	1	2	2	24	.17	.043	5	12	.16	25	.05	5	1.18	.03	.04	1	3
PIB 2+50W 10+00S	1	6	7	26	.1	2	4	143	6.60	5	5	ND	1	23	1	2	2	172	.14	.011	3	11	.25	13	.36	8	1.66	.02	.04	1	1
PIB 2+00W 0+00S	1	1	12	69	.2	11	1	89	.41	2	5	ND	1	26	1	2	4	19	.14	.032	5	1	.17	18	.05	6	1.61	.01	.02	1	1
PIB 2+00W 0+25S	1	3	8	29	.1	8	2	68	1.34	2	5	ND	1	15	1	3	2	28	.10	.018	5	5	.14	13	.09	2	.97	.01	.03	1	2
PIB 2+00W 0+50S	1	4	6	30	.1	13	2	73	1.10	2	5	ND	1	16	1	2	2	28	.12	.027	5	5	.16	17	.08	2	1.30	.02	.03	1	1
PIB 2+00W 0+75S	1	2	9	44	.1	8	2	110	1.13	5	5	ND	1	15	1	2	2	37	.14	.013	3	4	.26	11	.13	6	1.30	.02	.02	1	1
PIB 2+00W 1+00S	1	3	17	17	.1	8	1	34	.82	2	5	ND	1	13	1	2	2	24	.09	.010	4	4	.08	20	.09	2	.96	.01	.03	1	1
PIB 2+00W 1+25S	1	14	11	43	.1	15	5	244	2.18	3	5	ND	2	23	1	2	5	63	.31	.075	6	14	.66	59	.19	2	2.83	.02	.18	4	1
PIB 2+00W 1+50S	1	17	13	52	.1	16	7	292	2.79	2	5	ND	3	22	1	2	2	67	.27	.037	7	12	1.21	96	.22	5	2.75	.02	.17	1	1
PIB 2+00W 1+75S	1	6	6	44	.2	6	2	63	1.60	2	5	ND	1	15	1	2	2	23	.14	.043	5	6	.15	17	.05	2	1.59	.02	.02	1	2
PIB 2+00W 2+00S	1	18	8	30	.1	16	4	155	1.20	2	5	ND	1	13	1	2	2	77	.21	.007	3	13	.50	34	.19	4	1.43	.02	.07	1	1
PIB 2+00W 2+25S	1	2	10	22	.1	10	2	130	.85	2	5	ND	1	20	1	2	2	30	.17	.017	4	4	.36	16	.08	9	2.22	.02	.03	37	1
PIB 2+00W 2+50S	1	3	4	58	.1	6	1	91	.49	2	5	ND	1	17	1	2	3	25	.14	.022	3	1	.20	27	.11	6	1.43	.02	.04	1	23
PIB 2+00W 2+75S	1	3	7	20	.1	5	1	58	.26	2	5	ND	1	16	1	2	3	19	.12	.013	3	1	.10	11	.11	2	.79	.01	.03	1	2
PIB 2+00W 3+00S	1	4	9	19	.2	2	1	79	.40	2	5	ND	1	25	1	2	5	28	.17	.016	3	3	.15	20	.13	2	.93	.01	.02	1	3
PIB 2+00W 3+25S	1	1	12	43	.2	3	1	23	.15	2	5	ND	1	13	1	2	2	18	.08	.028	3	3	.03	13	.04	2	.92	.01	.03	1	1
PIB 2+00W 3+50S	1	2	2	22	.1	3	1	50	.25	2	5	ND	1	14	1	2	2	10	.11	.023	2	3	.07	9	.07	2	.46	.02	.02	1	1
PIB 2+00W 3+75S	1	2	5	62	.1	10	1	46	.31	2	5	ND	1	16	1	2	2	18	.09	.042	3	3	.09	20	.06	2	.97	.01	.02	1	1
PIB 2+00W 4+00S	1	1	10	25	.1	2	1	33	.21	2	5	ND	1	14	1	2	2	22	.09	.018	3	3	.05	10	.14	2	.72	.01	.02	1	2
PIB 2+00W 4+25S	1	1	13	20	.1	6	1	61	.47	2	5	ND	1	16	1	2	2	39	.12	.021	3	3	.12	18	.17	2	.88	.01	.03	1	8
PIB 2+00W 4+50S	1	6	10	34	.1	6	1	77	.47	2	5	ND	1	19	1	2	2	22	.12	.034	2	3	.19	15	.07	2	1.05	.01	.02	1	2
PIB 2+00W 4+75S	1	4	19	22	.1	10	1	99	.89	2	5	ND	1	23	1	2	2	58	.19	.015	3	2	.27	23	.23	5	.93	.01	.04	1	1
PIB 2+00W 5+00S	1	2	14	22	.2	21	1	95	.67	3	5	ND	1	18	1	2	3	45	.15	.008	4	6	.22	23	.22	4	1.72	.01	.03	1	1
PIB 2+00W 5+25S	1	8	5	31	.1	13	3	128	1.01	2	5	ND	1	19	1	2	2	37	.18	.020	4	11	.41	26	.15	2	1.80	.02	.04	1	1
PIB 2+00W 5+50S	1	3	11	18	.4	5	1	106	.73	2	5	ND	1	21	1	2	5	59	.17	.009	2	2	.23	11	.27	2	.66	.01	.03	1	1
PIB 2+00W 5+75S	1	1	13	14	.2	2	1	47	.32	4	5	ND	1	21	1	2	5	38	.13	.006	2	3	.10	9	.18	2	.43	.01	.03	1	1
PIB 2+00W 6+00S	1	7	8	23	.1	6	1	66	.41	2	5	ND	1	18	1	2	7	25	.13	.013	3	6	.17	16	.10	2	1.23	.01	.02	1	1
PIB 2+00W 6+25S	1	1	10	26	.2	3	1	82	.47	2	5	ND	1	24	1	2	2	34	.17	.018	3	3	.17	24	.16	7	.90	.02	.02	1	1
PIB 2+00W 6+50S	1	2	7	28	.1	6	1	24	.16	2	5	ND	1	11	1	2	4	17	.09	.025	2	3	.04	9	.07	2	.45	.02	.01	1	1
PIB 2+00W 6+75S	1	1	14	17	.1	13	2	68	.54	2	5	ND	1	14	1	2	2	42	.10	.012	2	1	.14	9	.15	2	.49	.02	.02	1	1
PIB 2+00W 7+00S	1	2	3	18	.1	18	1	77	.55	2	5	ND	1	19	1	2	2	34	.14	.010	2	4	.15	16	.16	2	1.07	.02	.02	2	1
PIB 2+00W 7+25S	1	2	3	49	.1	5	1	66	.68	5	5	ND	1	37	1	3	2	30	.15	.024	2	4	.13	25	.08	4	.81	.03	.04	1	1
PIB 2+00W 7+50S	1	2	2	44	.1	3	1	56	.72	3	5	ND	1	12	1	2	2	27	.10	.035	2	4	.13	14	.07	4	.97	.01	.04	1	1
STD C/AU-S	19	60	35	130	6.9	65	28	986	3.94	42	13	8	33	46	17	15	19	60	.45	.100	35	58	.91	173	.08	34	1.71	.06	.14	13	50

IMPERIAL METALS CORPORATION PROJECT - 4555 FILE # 87-1435

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPH	NI PPH	CO PPH	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPH	SR PPH	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPH	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
PIB 2+00W 7+75S	1	6	2	32	.2	10	4	138	1.00	2	5	ND	1	21	1	3	2	39	.24	.020	4	5	.39	47	.12	2	1.35	.02	.06	2	1
PIB 2+00W 8+00S	1	6	6	44	.2	10	4	174	1.38	6	5	ND	1	30	1	2	2	61	.27	.022	5	10	.51	33	.16	2	2.27	.02	.05	2	1
PIB 2+00W 8+25S	1	2	5	21	.1	8	2	98	.84	4	5	ND	1	18	1	2	2	49	.19	.011	6	15	.26	11	.18	2	1.63	.01	.01	1	1
PIB 2+00W 8+50S	1	2	6	16	.1	3	1	51	.27	5	5	ND	1	19	1	3	2	22	.17	.016	4	7	.11	15	.12	2	1.49	.01	.02	1	6
PIB 2+00W 8+75S	1	9	2	25	.1	10	1	97	.66	2	5	ND	1	18	1	2	2	59	.23	.019	5	6	.19	15	.15	2	3.10	.04	.02	1	1
PIB 2+00W 9+00S	1	7	2	32	.1	27	2	132	2.02	4	5	ND	1	30	1	2	2	103	.26	.024	5	10	.27	32	.13	2	2.31	.04	.03	1	1
PIB 2+00W 9+25S	1	3	4	19	.1	2	1	76	.56	2	5	ND	1	20	1	2	2	31	.17	.013	5	8	.18	18	.15	3	1.63	.02	.01	1	1
PIB 2+00W 9+50S	1	5	2	29	.1	11	1	70	.32	3	5	ND	1	14	1	2	2	21	.12	.021	3	6	.15	13	.06	2	.97	.02	.02	1	1
PIB 2+00W 9+75S	1	4	8	26	.1	5	1	73	1.06	2	5	ND	1	18	1	2	2	50	.14	.016	5	11	.16	17	.12	4	1.70	.02	.01	1	2
PIB 2+00W 10+00S	1	4	2	18	.1	8	2	89	1.01	2	5	ND	1	15	1	2	2	51	.14	.021	5	15	.19	12	.10	2	1.44	.02	.01	1	1
PIB 1+50W 0+00S	1	6	2	68	.1	6	1	31	.29	2	5	ND	1	12	1	2	4	19	.08	.035	4	6	.07	12	.04	2	1.09	.01	.01	1	1
PIB 1+50W 0+25S	1	4	6	32	.1	7	3	112	1.17	2	5	ND	1	18	1	2	2	60	.15	.009	5	14	.34	15	.20	2	2.68	.02	.02	1	1
PIB 1+50W 0+50S	1	9	4	98	.2	5	2	40	.66	4	6	ND	1	19	1	3	3	17	.16	.051	5	5	.07	15	.03	3	.97	.01	.02	1	1
PIB 1+50W 0+75S	1	6	8	31	.1	1	1	48	2.38	2	5	ND	1	14	1	2	2	28	.09	.027	4	4	.09	9	.06	3	.67	.01	.02	1	2
PIB 1+50W 1+00S	1	4	3	32	.1	4	3	99	2.00	4	5	ND	1	17	1	2	2	41	.16	.020	3	6	.24	11	.10	2	.73	.01	.02	1	1
PIB 1+50W 1+25S	1	6	13	72	.1	3	2	70	3.90	2	5	ND	1	19	1	2	2	37	.15	.072	4	3	.10	14	.04	7	.61	.01	.04	1	1
PIB 1+50W 1+50S P	1	6	8	63	.1	5	1	46	.35	2	5	ND	1	20	1	2	2	27	.11	.038	4	8	.10	13	.06	2	1.08	.02	.01	1	1
PIB 1+50W 1+75S P	1	3	2	97	.1	2	1	55	.74	3	6	ND	1	18	1	2	2	20	.17	.051	3	9	.10	13	.04	3	.63	.02	.04	1	1
PIB 1+50W 2+00S P	1	5	5	143	.1	5	1	40	.66	3	5	ND	1	17	1	2	2	13	.18	.079	4	3	.05	18	.02	5	.66	.02	.03	1	1
PIB 1+50W 2+25S	1	3	6	18	.1	5	2	97	.90	2	5	ND	1	20	1	2	2	56	.16	.012	4	11	.23	14	.21	2	1.22	.01	.01	1	1
PIB 1+50W 2+50S P	1	1	3	90	.1	2	1	47	.50	2	5	ND	1	16	1	2	2	10	.13	.056	3	4	.06	15	.03	2	.57	.02	.02	1	100
PIB 1+50W 2+75S	1	2	6	74	.1	3	1	23	.27	3	5	ND	1	18	1	2	2	15	.11	.045	4	6	.03	18	.03	3	1.19	.01	.01	1	75
PIB 1+50W 3+00S P	1	5	4	69	.1	3	1	62	.29	4	5	ND	1	18	1	2	2	18	.13	.043	4	6	.09	15	.08	3	.94	.01	.02	1	1
PIB 1+50W 3+25S P	1	5	2	117	.1	4	1	35	.46	2	5	ND	1	20	1	2	2	13	.11	.077	4	5	.04	22	.03	2	.95	.02	.02	1	1
PIB 1+50W 3+50S P	1	3	9	44	.1	4	1	69	.54	2	5	ND	1	16	1	2	2	21	.14	.039	4	7	.10	19	.12	3	1.14	.02	.02	1	1
PIB 1+50W 3+75S	1	5	4	102	.1	4	2	74	.69	2	5	ND	1	20	1	2	2	16	.13	.091	4	4	.13	20	.04	3	1.08	.02	.03	1	1
PIB 1+50W 4+00S P	1	8	2	126	.1	3	2	43	1.09	3	5	ND	1	19	1	2	2	20	.14	.122	5	2	.05	25	.02	6	1.16	.02	.04	1	15
PIB 1+50W 4+25S	1	4	6	35	.2	1	1	82	.68	2	5	ND	1	24	1	2	2	28	.17	.040	3	6	.14	22	.11	2	.76	.02	.02	1	1
PIB 1+50W 4+50S P	1	11	8	79	.2	3	1	53	.53	2	5	ND	1	28	1	2	4	48	.19	.065	5	6	.11	32	.07	5	1.46	.02	.01	1	1
PIB 1+50W 4+75S P	1	8	3	69	.1	2	1	55	.51	5	6	ND	1	19	1	2	2	24	.13	.086	5	8	.09	20	.04	4	1.57	.02	.03	1	1
PIB 1+50W 5+00S P	1	5	3	89	.1	4	1	37	.48	2	5	ND	1	17	1	2	2	18	.13	.082	5	6	.07	23	.03	2	1.48	.02	.02	1	1
PIB 1+50W 5+25S P	1	7	5	41	.1	2	1	91	.56	2	5	ND	1	27	1	2	2	30	.14	.030	4	9	.20	25	.09	2	1.53	.02	.02	1	2
PIB 1+50W 5+50S P	1	9	11	52	.1	4	1	44	.85	2	5	ND	1	33	1	2	2	39	.20	.054	4	11	.11	28	.09	2	1.34	.02	.04	1	5
PIB 1+50W 5+75S P	1	8	5	115	.1	5	2	76	1.64	2	5	ND	1	21	1	2	2	29	.19	.107	4	8	.10	23	.05	5	1.14	.02	.05	1	1
PIB 1+50W 6+00S P	1	5	5	110	.2	3	2	93	1.54	2	5	ND	1	23	1	2	2	33	.18	.082	4	7	.09	23	.04	2	1.21	.02	.03	1	13
PIB 1+50W 6+25S P	1	3	3	73	.1	5	2	124	1.12	2	5	ND	1	25	1	2	2	28	.23	.071	5	6	.17	28	.06	3	1.61	.03	.04	1	3
STD C/AU-5	19	57	36	132	6.7	67	28	1006	3.91	41	17	8	32	47	17	16	20	60	.47	.096	35	57	.86	176	.08	36	1.70	.07	.12	13	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 %	N PPM	AU# PPE
PIB 1+50W 6+50S	1	2	10	16	.1	4	1	31	.19	2	5	ND	1	8	1	2	2	15	.07	.011	2	3	.04	10	.09	2	.63	.01	.01	1	5
PIB 1+50W 6+75S P	1	6	8	61	.1	5	1	40	.85	3	5	ND	1	12	1	2	2	21	.12	.062	4	8	.06	13	.04	2	1.39	.02	.02	1	2
PIB 1+50W 7+00S P	1	9	6	94	.3	4	1	16	.31	2	5	ND	1	16	1	2	2	12	.15	.044	4	3	.03	19	.02	2	1.11	.01	.02	1	2
PIB 1+50W 7+25S P	1	1	7	47	.1	4	1	31	.73	2	5	ND	1	15	1	2	2	22	.12	.040	4	5	.05	15	.04	2	1.11	.01	.01	1	1
PIB 1+50W 7+50S P	1	9	4	51	.1	4	2	72	.59	2	5	ND	1	12	1	2	2	37	.14	.033	4	5	.19	17	.06	2	1.50	.02	.02	1	1
PIB 1+50W 7+75S P	1	9	4	73	.2	4	1	35	.48	3	5	ND	1	20	1	2	3	25	.13	.051	4	4	.06	31	.06	2	1.01	.02	.03	1	1
PIB 1+50W 8+00S P	1	7	7	43	.1	2	2	85	.91	3	5	ND	1	13	1	2	3	30	.17	.024	4	4	.18	16	.07	3	1.16	.02	.03	1	1
PIB 1+50W 8+25S P	1	10	9	65	.1	5	2	88	.95	4	5	ND	1	11	1	2	3	32	.13	.036	5	4	.22	21	.06	2	1.01	.02	.05	1	1
PIB 1+50W 8+50S	1	1	5	13	.1	3	1	35	.61	2	5	ND	1	10	1	2	3	38	.09	.005	2	4	.08	9	.17	2	.63	.01	.01	1	1
PIB 1+50W 8+75S P	1	7	6	39	.2	5	2	90	1.00	2	5	ND	1	14	1	2	2	34	.14	.031	4	7	.24	17	.07	2	1.21	.01	.02	1	2
PIB 1+50W 9+00S	1	3	7	22	.1	5	2	69	1.02	2	5	ND	1	11	1	2	3	46	.11	.005	3	6	.21	10	.11	3	1.03	.01	.01	1	1
PIB 1+50W 9+25S P	1	5	6	47	.1	4	1	31	.55	2	5	ND	1	18	1	2	3	22	.11	.037	5	8	.07	19	.03	2	1.28	.01	.03	1	1
PIB 1+50W 9+50S	1	6	2	33	.1	7	3	104	1.38	3	5	ND	1	16	1	2	3	40	.16	.017	3	10	.33	17	.12	2	1.55	.02	.02	1	1
PIB 1+50W 9+75S	1	6	15	33	.1	4	1	72	.76	3	5	ND	1	19	1	2	2	41	.12	.018	5	10	.20	16	.14	2	1.52	.01	.02	1	2
PIB 1+50W 10+00S	1	4	4	19	.2	5	2	66	1.28	4	5	ND	1	15	1	4	4	43	.11	.010	3	8	.19	12	.13	2	.85	.01	.03	1	1
PIB 1+00W 0+00S	1	3	5	19	.1	3	1	49	.34	2	5	ND	1	12	1	2	2	17	.09	.013	3	5	.12	10	.10	4	.91	.01	.02	1	3
PIB 1+00W 0+25S P	1	4	9	36	.2	5	1	33	.62	3	5	ND	1	15	1	2	3	18	.09	.047	5	5	.07	14	.03	2	1.30	.01	.02	1	15
PIB 1+00W 0+50S	1	5	4	25	.1	5	2	110	.95	4	5	ND	1	13	1	2	3	36	.11	.018	3	5	.30	11	.10	2	1.52	.01	.02	1	1
PIB 1+00W 0+75S	1	6	3	30	.1	5	2	62	2.15	2	5	ND	1	12	1	2	2	38	.11	.024	3	3	.16	8	.06	2	1.11	.02	.01	1	1
PIB 1+00W 1+00S	1	2	6	21	.2	1	1	52	.74	2	5	ND	1	11	1	2	4	39	.10	.018	3	3	.15	7	.07	2	.97	.01	.02	1	1
PIB 1+00W 1+25S P	1	4	5	50	.1	6	1	68	.92	2	5	ND	1	12	1	2	2	32	.14	.028	4	8	.16	12	.06	4	.97	.01	.02	1	1
PIB 1+00W 1+50S P	1	7	2	77	.1	5	1	32	.63	2	5	ND	1	17	1	2	2	17	.17	.045	4	4	.04	14	.02	2	.89	.01	.02	1	4
PIB 1+00W 1+75S P	1	2	2	50	.1	4	1	20	.18	2	5	ND	1	16	1	2	2	23	.09	.038	4	6	.04	12	.02	3	1.27	.01	.01	1	9
PIB 1+00W 2+00S P	1	9	5	59	.1	5	1	24	.25	2	5	ND	1	15	1	2	2	15	.09	.040	4	7	.03	15	.02	2	1.39	.01	.01	1	75
PIB 1+00W 2+25S P	1	6	4	49	.2	4	1	28	.24	2	5	ND	1	15	1	2	2	15	.10	.056	4	3	.04	17	.03	2	.88	.01	.03	1	120
PIB 1+00W 2+50S P	1	10	3	53	.1	2	1	49	.37	4	5	ND	1	24	1	2	2	31	.16	.032	5	10	.12	25	.08	2	1.78	.01	.01	1	22
PIB 1+00W 2+75S P	1	5	4	85	.1	3	1	23	.43	2	5	ND	1	13	1	2	2	15	.09	.063	4	5	.03	16	.02	2	.93	.01	.02	1	6
PIB 1+00W 3+00S P	1	2	4	65	.1	3	1	42	.25	2	5	ND	1	15	1	2	2	20	.14	.058	4	7	.06	15	.02	2	1.35	.01	.02	1	2
PIB 1+00W 3+25S P	1	7	8	50	.1	5	1	81	.52	3	5	ND	1	26	1	2	2	30	.16	.045	3	3	.11	18	.07	2	1.32	.02	.03	1	2
PIB 1+00W 3+50S	1	5	3	29	.1	1	1	68	.39	2	5	ND	1	19	1	2	2	25	.15	.019	3	5	.18	13	.11	2	1.21	.01	.01	1	3
PIB 1+00W 3+75S	1	2	2	34	.1	3	1	65	.52	2	5	ND	1	17	1	2	2	39	.16	.014	2	12	.22	16	.18	2	.81	.02	.02	1	2
PIB 1+00W 4+00S P	1	11	3	48	.1	2	2	69	.54	3	5	ND	1	23	1	2	2	29	.16	.036	4	6	.15	23	.07	2	1.44	.02	.02	2	1
PIB 1+00W 4+25S P	1	11	3	35	.1	2	1	63	.44	2	5	ND	1	18	1	2	2	32	.16	.054	5	6	.16	32	.05	2	1.61	.02	.03	2	1
PIB 1+00W 4+50S P	1	6	2	69	.2	2	1	66	.73	2	5	ND	1	18	1	2	2	26	.17	.052	5	6	.14	26	.05	2	1.73	.02	.03	1	1
PIB 1+00W 4+75S P	1	6	7	68	.3	5	2	107	1.60	3	5	ND	1	31	1	2	3	33	.23	.053	4	3	.22	30	.06	3	1.15	.02	.04	1	6
PIB 1+00W 5+00S	1	2	2	26	.1	3	2	86	.72	4	5	ND	1	23	1	2	2	22	.14	.017	3	4	.20	15	.08	2	.81	.01	.02	1	1
STD C/AU-S	18	59	38	122	6.8	64	25	922	3.99	43	18	8	30	43	16	15	23	56	.47	.088	35	54	.83	162	.08	40	1.70	.06	.12	12	49

IMPERIAL METALS CORPORATION PROJECT - 4544 FILE # 87-1435

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
PIB 1+00W 5+25S	1	11	5	80	.2	8	1	135	1.05	2	5	ND	1	18	1	2	6	22	.18	.047	4	6	.29	32	.06	2	1.14	.03	.04	1	1
PIB 1+00W 5+50S	1	6	9	76	.3	6	3	191	1.23	4	5	ND	1	34	1	2	2	39	.27	.026	4	6	.42	66	.12	2	1.24	.04	.09	1	1
PIB 1+00W 5+75S	1	5	18	110	.3	8	1	68	.75	2	5	ND	1	19	1	2	2	21	.21	.087	6	6	.05	22	.02	6	1.43	.02	.02	1	12
PIB 1+00W 6+00S	1	6	5	71	.1	8	1	43	.33	2	5	ND	1	20	1	2	2	21	.12	.062	5	7	.09	31	.04	4	1.35	.02	.01	1	2
PIB 1+00W 6+25S	1	6	10	66	.2	6	1	45	.83	2	8	ND	1	16	1	2	2	23	.13	.076	5	7	.07	19	.05	7	1.02	.02	.02	1	1
PIB 1+00W 6+50S	1	6	10	32	.2	6	1	44	.45	2	5	ND	1	14	1	2	2	18	.12	.038	3	5	.08	13	.05	3	.90	.02	.01	2	1
PIB 1+00W 6+75S	1	8	13	62	.2	3	3	145	2.01	2	5	ND	1	19	1	2	4	60	.24	.032	4	6	.34	30	.13	2	1.17	.03	.03	1	2
PIB 1+00W 7+00S	1	8	2	116	.1	10	2	38	1.17	2	5	ND	1	17	1	2	2	32	.15	.078	5	8	.06	16	.03	2	1.53	.02	.02	1	1
PIB 1+00W 7+25S	1	16	10	62	.1	6	1	66	1.02	2	5	ND	1	13	1	2	2	39	.15	.038	5	8	.11	14	.08	2	1.68	.02	.01	1	1
PIB 1+00W 7+50S	1	3	2	24	.1	7	2	72	2.21	2	5	ND	1	13	1	2	2	60	.15	.016	4	4	.14	11	.12	2	1.01	.02	.01	1	1
PIB 1+00W 7+75S	1	12	16	61	.2	8	2	82	.64	2	5	ND	1	18	1	2	2	31	.19	.029	5	8	.17	23	.09	5	1.66	.03	.02	3	1
PIB 1+00W 8+00S	1	7	9	57	.1	8	1	68	.82	2	5	ND	1	17	1	2	2	37	.17	.030	3	7	.12	19	.11	2	.78	.02	.02	1	1
PIB 1+00W 8+25S	1	9	5	20	.1	13	3	123	1.55	2	5	ND	2	16	1	2	2	71	.24	.009	4	9	.28	18	.15	2	1.66	.03	.02	2	1
PIB 1+00W 8+50S	1	7	11	88	.4	8	2	64	2.52	2	6	ND	1	17	1	2	4	63	.18	.055	5	8	.11	16	.07	7	1.03	.02	.03	1	1
PIB 1+00W 8+75S	1	10	2	114	.1	3	1	49	1.19	2	7	ND	1	19	1	2	2	41	.15	.065	5	11	.10	21	.05	7	1.36	.02	.03	2	2
PIB 1+00W 9+00S	1	3	4	20	.1	5	2	80	1.02	2	5	ND	1	14	1	2	2	45	.14	.011	3	9	.22	11	.11	5	1.42	.01	.01	1	1
PIB 1+00W 9+25S	1	9	13	33	.3	8	3	125	2.09	2	5	ND	1	16	1	2	2	62	.20	.015	4	11	.36	19	.15	2	2.41	.02	.03	1	1
PIB 1+00W 9+50S	1	1	13	32	.1	3	1	67	.63	2	5	ND	1	9	1	2	5	16	.07	.027	3	5	.16	12	.05	2	.78	.01	.02	1	2
PIB 1+00W 9+75S	1	1	4	33	.1	9	3	157	1.26	2	5	ND	1	68	1	2	2	48	.22	.014	2	4	.37	24	.13	2	.99	.02	.02	1	1
PIB 1+00W 10+00S	1	4	6	34	.1	10	3	117	1.03	3	5	ND	1	23	1	2	3	52	.17	.009	4	15	.36	20	.16	4	1.53	.02	.02	1	1
PIB 0+50W 0+00S	1	1	13	41	.2	17	2	118	1.01	2	5	ND	1	48	1	2	2	53	.21	.023	6	10	.27	45	.21	5	2.05	.02	.05	3	1
PIB 0+50W 0+25S	1	3	6	35	.2	21	1	82	.66	2	5	ND	1	52	1	2	5	20	.15	.025	3	5	.19	39	.09	2	.81	.02	.04	1	1
PIB 0+50W 0+50S	1	2	14	23	.1	7	1	20	.31	2	5	ND	1	24	1	2	2	13	.08	.014	3	3	.03	16	.08	2	.55	.01	.02	1	1
PIB 0+50W 0+75S	1	3	2	34	.3	15	1	103	.72	2	5	ND	1	18	1	2	3	24	.14	.017	6	3	.23	15	.14	4	1.24	.02	.02	2	1
PIB 0+50W 1+00S	1	3	2	34	.1	16	2	105	.67	2	5	ND	1	17	1	2	4	24	.15	.024	5	12	.29	72	.12	3	1.98	.01	.07	1	1
PIB 0+50W 1+25S	1	17	7	37	.1	30	4	156	1.06	2	5	ND	1	26	1	2	2	36	.28	.050	5	14	.53	50	.13	9	1.91	.02	.07	2	2
PIB 0+50W 1+50S	1	27	6	41	.1	19	7	195	1.66	4	5	ND	1	15	1	2	2	52	.25	.067	7	21	.78	98	.15	2	2.62	.02	.16	3	2
PIB 0+50W 1+75S	1	5	2	27	.1	23	2	75	.55	2	5	ND	1	14	1	2	2	35	.14	.020	3	11	.23	21	.12	2	1.39	.01	.02	1	3
PIB 0+50W 2+00S	1	2	3	42	.2	14	2	59	.60	2	5	ND	1	25	1	3	2	24	.15	.017	2	2	.17	14	.09	3	.49	.01	.03	1	8
PIB 0+50W 2+25S	1	8	3	23	.1	18	2	117	.95	2	5	ND	1	15	1	2	2	33	.17	.010	5	15	.40	19	.14	5	1.82	.02	.04	2	1
PIB 0+50W 2+50S	1	20	2	37	.1	31	8	259	2.66	2	5	ND	1	45	1	2	5	53	.20	.004	3	6	.91	30	.25	3	1.66	.01	.05	2	1
PIB 0+50W 2+75S	1	5	2	80	.1	25	1	93	.66	2	5	ND	1	33	1	2	2	18	.20	.066	11	7	.20	35	.04	2	2.61	.02	.03	3	1
PIB 0+50W 3+00S	1	7	4	17	.1	13	2	58	.46	4	5	ND	1	13	1	2	2	25	.11	.006	3	6	.19	19	.11	4	1.35	.01	.04	2	1
PIB 0+50W 3+25S	1	12	5	34	.1	24	4	175	1.66	2	5	ND	2	15	1	3	4	85	.19	.023	6	17	.48	27	.28	2	2.33	.02	.04	2	1
PIB 0+50W 3+50S	1	2	2	37	.1	22	3	205	1.05	2	5	ND	1	40	1	2	2	22	.23	.015	2	3	.58	10	.09	2	1.17	.01	.01	2	1
PIB 0+50W 3+75S	1	11	2	29	.1	15	2	78	.71	2	5	ND	1	14	1	3	8	24	.19	.023	3	4	.20	15	.07	6	.93	.02	.03	2	1
STD C/AU-S	18	62	41	129	7.1	68	28	968	3.95	42	18	7	31	46	16	15	22	60	.46	.095	34	57	.89	172	.08	35	1.67	.06	.11	13	52

IMPERIAL METALS PROJECT - 4544 FILE # 87-1435

SAMPLE#	MO	CU	PB	ZN	AS	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
PIB 0+50W 4+00S	1	10	4	46	.2	19	4	175	1.21	3	5	ND	1	33	1	2	3	50	.24	.021	5	10	.58	62	.20	2	2.18	.03	.09	1	4
PIB 0+50W 4+25S	1	6	12	27	.2	14	3	135	.89	2	5	ND	1	31	1	2	2	47	.23	.011	2	19	.40	22	.22	3	.83	.02	.03	1	1
PIB 0+50W 4+50S	1	4	5	26	.1	13	2	111	.65	2	5	ND	1	22	1	2	2	38	.19	.015	4	10	.28	23	.19	3	1.62	.02	.02	1	4
PIB 0+50W 4+75S	1	2	6	34	.1	23	4	207	.94	2	5	ND	1	44	1	2	2	36	.21	.007	3	3	.47	35	.16	4	1.28	.01	.02	1	8
PIB 0+50W 5+00S	1	10	4	63	.2	11	2	89	.56	2	5	ND	1	25	1	2	2	29	.14	.045	5	5	.18	22	.05	3	1.65	.01	.02	1	1
PIB 0+50W 5+25S	1	4	6	29	.1	4	2	126	.70	2	5	ND	1	22	1	2	2	31	.15	.017	4	3	.25	22	.14	4	1.16	.01	.03	1	7
PIB 0+50W 5+50S	1	7	6	43	.2	10	4	196	1.06	3	6	ND	1	26	1	2	2	41	.28	.058	5	4	.43	42	.12	3	2.20	.03	.07	1	1
PIB 0+50W 5+75S	1	4	11	36	.1	13	2	112	.57	3	5	ND	1	20	1	2	2	25	.24	.021	3	4	.24	23	.11	4	1.00	.03	.03	1	2
PIB 0+50W 6+00S	1	1	4	29	.1	14	3	168	.84	3	5	ND	1	28	1	2	4	24	.16	.013	2	2	.39	28	.12	3	.74	.01	.02	1	11
PIB 0+50W 6+25S	1	1	8	23	.1	5	1	49	.39	2	5	ND	1	13	1	2	2	28	.10	.019	2	3	.08	11	.13	2	.50	.01	.02	1	6
PIB 0+50W 6+50S	1	3	5	23	.1	13	2	88	.91	2	5	ND	1	13	1	2	3	52	.14	.011	3	2	.16	14	.19	3	.83	.02	.02	1	2
PIB 0+50W 6+75S	1	7	7	26	.1	6	2	96	.76	2	5	ND	1	14	1	2	2	33	.17	.025	3	4	.20	17	.10	6	1.20	.02	.02	1	1
PIB 0+50W 7+00S	1	5	5	33	.1	9	3	150	.87	2	5	ND	1	21	1	2	3	38	.20	.016	2	3	.34	17	.10	3	1.04	.02	.02	1	4
PIB 0+50W 7+25S	1	7	12	29	.1	4	3	93	1.11	4	5	ND	1	16	1	2	2	44	.15	.023	4	5	.19	13	.09	6	1.42	.02	.02	1	1
PIB 0+50W 7+50S	1	9	2	26	.1	18	2	87	.57	2	5	ND	1	16	1	2	2	27	.20	.021	2	3	.19	15	.07	2	1.15	.03	.02	1	1
PIB 0+50W 7+75S	1	11	7	32	.2	12	4	163	1.24	5	5	ND	1	56	1	2	2	70	.32	.014	4	6	.43	62	.15	3	2.34	.04	.06	1	1
PIB 0+50W 8+00S	1	6	5	32	.2	10	3	121	.92	4	5	ND	1	20	1	2	3	46	.23	.015	3	6	.28	19	.16	2	1.35	.03	.04	1	1
PIB 0+50W 8+25S	1	9	6	40	.1	11	6	223	3.87	2	5	ND	1	44	1	2	2	201	.29	.012	3	7	.54	36	.29	5	1.31	.03	.06	1	2
PIB 0+50W 8+50S	1	9	9	42	.1	12	6	227	1.86	2	5	ND	1	32	1	2	3	82	.30	.033	4	7	.67	68	.17	2	1.90	.03	.13	1	1
PIB 0+50W 8+75S	1	7	6	28	.1	10	2	112	.74	2	5	ND	1	16	1	2	3	43	.19	.017	3	7	.28	20	.13	5	1.57	.03	.04	1	1
PIB 0+50W 9+00S	1	5	6	34	.2	11	3	122	.88	2	5	ND	1	25	1	2	2	44	.26	.020	3	7	.28	21	.19	5	1.35	.03	.05	2	1
PIB 0+50W 9+25S	1	10	10	41	.1	18	4	218	2.05	2	5	ND	1	29	1	2	2	70	.30	.029	3	6	.50	28	.17	4	1.37	.04	.06	1	1
PIB 0+50W 9+50S	1	5	5	33	.1	16	3	159	1.20	3	5	ND	1	27	1	3	2	77	.25	.020	4	6	.37	24	.18	2	1.43	.02	.05	1	1
PIB 0+50W 9+75S	1	2	8	26	.1	12	2	122	1.21	3	5	ND	1	31	1	2	2	63	.22	.012	4	10	.28	18	.20	3	1.21	.02	.03	1	1
PIB 0+50W 10+00S	1	4	9	32	.1	19	3	140	2.83	5	5	ND	1	31	1	2	2	101	.25	.015	4	11	.33	21	.25	2	1.33	.02	.03	1	1
PIB 0+00W 0+00S	1	2	2	34	.1	4	1	74	.56	2	5	ND	1	39	1	2	3	17	.16	.037	2	3	.13	17	.06	5	.66	.01	.03	2	3
PIB 0+00W 0+25S	1	1	3	23	.1	2	1	79	.74	4	5	ND	1	62	1	2	2	28	.21	.024	3	2	.10	21	.10	6	.49	.02	.04	1	1
PIB 0+00W 0+50S	1	2	7	26	.1	2	1	63	.71	2	6	ND	1	27	1	3	2	15	.14	.040	3	3	.11	14	.06	4	.42	.01	.03	1	4
PIB 0+00W 0+75S	1	3	2	32	.1	6	1	79	.46	2	5	ND	1	24	1	2	2	21	.17	.026	3	11	.20	21	.11	4	.83	.02	.02	1	1
PIB 0+00W 1+00S	1	6	7	16	.1	7	1	45	.30	3	7	ND	1	19	1	2	2	17	.11	.023	3	4	.08	15	.10	4	.85	.01	.03	1	3
PIB 0+00W 1+25S	1	2	10	49	.1	3	1	35	.46	2	5	ND	1	16	1	2	2	20	.09	.026	4	4	.05	15	.08	2	.61	.01	.01	1	1
PIB 0+00W 1+50S	1	2	8	39	.1	3	1	53	.38	3	5	ND	1	19	1	2	3	24	.12	.021	3	2	.09	14	.08	2	.51	.01	.03	1	8
PIB 0+00W 1+75S	1	8	5	98	.2	7	1	40	.28	2	5	ND	1	25	1	2	2	8	.23	.047	3	1	.06	17	.01	4	.48	.01	.03	1	1
PIB 0+00W 2+00S	1	11	4	54	.1	7	5	213	1.82	4	5	ND	1	22	1	2	2	41	.13	.026	4	5	.73	15	.11	5	1.43	.02	.03	1	4
PIB 0+00W 2+25S	1	11	5	36	.2	7	3	160	1.04	2	6	ND	1	32	1	2	3	44	.21	.021	4	4	.47	21	.12	5	2.01	.02	.03	2	3
PIB 0+00W 2+50S	1	5	5	74	.1	3	1	57	.36	2	5	ND	1	20	1	2	2	19	.13	.035	3	4	.14	13	.05	6	.71	.01	.02	1	1
STD C/AU-S	20	61	37	138	7.1	70	29	1054	3.92	42	19	8	35	49	17	16	20	65	.45	.104	37	59	.91	187	.09	33	1.78	.07	.14	12	48

IMPERIAL METALS CORPORATION PROJECT - 4544 FILE # 87-1435

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
PIB 0+00W 2+75S	1	10	8	98	.2	9	1	74	.66	2	5	ND	1	18	1	2	2	21	.14	.068	5	9	.07	19	.04	4	1.16	.02	.03	1	1
PIB 0+00W 3+00S	1	5	2	30	.1	6	2	79	.79	3	5	ND	1	16	1	2	2	42	.13	.018	4	13	.18	16	.16	6	1.38	.01	.01	2	1
PIB 0+00W 3+25S	1	10	2	33	.4	7	2	122	.81	4	6	ND	1	20	1	2	2	38	.17	.013	4	14	.34	19	.23	2	1.57	.01	.04	2	1
PIB 0+00W 3+50S	1	4	13	31	.2	4	2	84	1.25	2	5	ND	1	23	1	2	2	54	.14	.036	5	10	.16	24	.13	2	1.32	.02	.03	1	1
PIB 0+00W 3+75S	1	5	2	62	.1	5	1	58	.78	3	5	ND	1	19	1	2	2	18	.11	.081	3	7	.08	19	.04	6	.98	.02	.04	1	1
PIB 0+00W 4+00S	1	7	12	71	.3	7	1	77	.72	2	5	ND	1	17	1	2	2	45	.16	.044	3	4	.11	14	.09	2	.64	.02	.05	2	2
PIB 0+00W 4+25S	1	7	7	46	.1	7	2	61	1.04	4	5	ND	1	23	1	2	2	46	.13	.053	4	7	.11	20	.11	2	.86	.02	.04	1	1
PIB 0+00W 4+50S	1	20	2	76	.1	10	1	49	.86	2	5	ND	1	18	1	2	2	51	.12	.094	4	9	.11	17	.08	2	2.29	.01	.02	1	1
PIB 0+00W 4+75S	1	8	4	63	.3	5	2	112	1.14	2	5	ND	1	26	1	2	2	54	.16	.048	5	6	.21	30	.12	5	1.33	.02	.04	1	2
PIB 0+00W 5+00S	1	3	9	23	.1	4	3	126	.62	2	5	ND	1	17	1	2	2	40	.14	.023	2	1	.25	18	.14	2	.83	.01	.02	1	2
PIB 0+00W 5+25S	1	9	7	36	.1	3	3	167	1.29	7	5	ND	1	21	1	2	2	53	.19	.044	3	5	.37	29	.09	2	1.11	.04	.02	1	1
PIB 0+00W 5+50S	1	8	12	94	.1	8	1	82	.83	2	5	ND	1	20	1	2	2	38	.20	.110	6	7	.07	24	.06	2	1.61	.02	.03	1	3
PIB 0+00W 5+75S	1	11	9	66	.3	6	2	82	.51	2	6	ND	1	17	1	2	2	25	.14	.057	4	4	.12	34	.09	2	1.38	.02	.06	1	2
PIB 0+00W 6+00S	1	1	15	35	.2	4	4	149	1.14	2	5	ND	1	37	1	2	2	43	.22	.030	2	2	.33	39	.16	2	.93	.03	.04	1	44
PIB 0+00W 6+25S	1	4	4	49	.1	6	1	46	.70	2	5	ND	1	19	1	2	2	21	.19	.079	4	1	.07	22	.03	2	1.09	.02	.03	1	6
PIB 0+00W 6+50S	1	3	2	72	.1	6	1	32	.74	2	7	ND	1	11	1	2	3	20	.09	.135	4	4	.04	12	.02	2	1.92	.02	.03	1	1
PIB 0+00W 6+75S	1	10	10	61	.1	6	2	110	1.03	2	5	ND	1	20	1	2	2	33	.19	.054	3	5	.19	19	.08	2	1.25	.03	.02	1	1
PIB 0+00W 7+00S	1	2	11	18	.4	7	1	79	.62	2	5	ND	1	15	1	2	2	33	.19	.020	2	4	.10	12	.12	2	.72	.03	.04	1	1
PIB 0+00W 7+25S	1	9	11	94	.2	2	2	57	1.08	2	5	ND	1	24	1	3	2	22	.20	.122	4	5	.07	17	.04	2	1.07	.03	.06	1	1
PIB 0+00W 7+50S	1	6	2	31	.2	10	3	120	.74	4	5	ND	1	34	1	2	2	35	.21	.020	2	4	.26	25	.12	2	1.11	.02	.03	2	1
PIB 0+00W 7+75S	1	6	2	21	.1	3	3	81	.69	2	5	ND	1	24	1	3	2	33	.21	.034	2	1	.13	19	.11	2	1.06	.03	.03	1	1
PIB 0+00W 8+00S	1	1	4	43	.1	3	4	218	1.29	6	5	ND	1	28	1	2	2	47	.24	.026	2	5	.44	34	.17	5	1.13	.03	.16	1	1
PIB 0+00W 8+25S	1	9	2	102	.3	5	2	81	1.09	3	5	ND	1	45	1	6	2	41	.27	.094	3	2	.14	29	.07	3	.86	.03	.07	1	1
NO NUMBER 1	1	16	2	58	.1	1	1	92	.35	4	5	ND	1	23	1	2	2	20	.18	.061	4	10	.12	32	.07	4	.58	.02	.05	1	2
NO NUMBER 2	1	13	4	68	.1	6	1	31	.17	2	5	ND	1	16	1	3	4	14	.10	.041	4	10	.05	20	.06	4	.82	.02	.02	1	5
SOIL ALONG SLIDE CREEK NO NUMBER 3	1	28	6	75	.4	4	8	287	5.07	2	5	ND	1	29	1	2	2	102	.23	.029	3	16	.76	52	.23	2	1.31	.03	.08	1	1
PI 4	1	3	5	49	.1	8	3	125	1.74	5	5	ND	1	21	1	2	3	43	.15	.039	3	12	.29	22	.13	2	.64	.01	.03	1	1
PI 5	1	15	4	34	.2	2	1	94	.61	2	5	ND	1	23	1	2	2	28	.18	.049	5	14	.16	35	.12	2	1.00	.02	.04	1	2
PI 6	1	8	13	33	.1	15	3	93	.69	5	5	ND	1	17	1	2	2	38	.13	.024	3	13	.27	30	.22	2	.80	.01	.06	1	2
PI 7	1	18	4	36	.2	4	6	183	3.14	4	5	ND	1	15	1	2	2	74	.17	.029	5	11	.43	30	.22	2	1.34	.02	.07	1	77
PI 8	1	23	2	78	.1	9	21	1649	3.42	6	5	ND	1	45	1	2	5	88	.47	.128	10	17	.55	113	.10	6	1.54	.03	.08	1	3
PI 9	1	31	6	115	.2	5	20	929	3.78	8	6	ND	1	44	1	2	2	109	.46	.169	10	13	.39	103	.05	2	1.93	.03	.08	1	1
PI 10	1	14	2	40	.1	9	4	140	1.64	3	5	ND	1	18	1	2	5	45	.17	.038	4	11	.36	44	.10	2	.85	.02	.06	1	1
PI 11	1	14	3	85	.2	3	4	144	2.16	2	5	ND	1	50	1	4	2	45	.39	.048	7	9	.28	81	.11	5	1.05	.03	.06	1	1
PI 12	1	17	2	32	.1	1	4	112	1.41	5	5	ND	1	20	1	3	2	39	.17	.044	5	10	.27	45	.06	4	.86	.02	.07	1	1
PI 13	1	15	2	53	.2	3	7	200	2.95	4	5	ND	1	22	1	2	2	67	.20	.049	6	16	.49	40	.15	2	1.91	.02	.07	3	4
STD C/AU-S	20	61	41	137	7.2	66	29	1171	4.04	42	18	9	33	49	18	16	22	64	.45	.105	37	62	.91	186	.09	34	1.70	.07	.13	13	50

IMPERIAL METALS CORPORATION PROJECT - 4544 FILE # 87-1435

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
PI 14	1	27	21	79	.3	12	11	310	2.71	2	5	ND	1	29	1	4	2	67	.24	.069	8	16	.58	76	.14	2	1.74	.02	.08	1	4
PI 15	1	26	12	45	.2	11	6	171	.93	2	5	ND	1	24	1	2	2	50	.26	.069	6	15	.45	50	.10	2	1.17	.02	.05	1	7
PI 16	1	17	2	38	.1	12	4	136	.89	2	5	ND	1	18	1	2	4	60	.14	.042	5	19	.37	38	.12	2	1.47	.02	.06	1	6
PI 17	1	61	4	78	.3	7	2	45	.76	2	5	ND	1	20	1	2	2	36	.11	.102	7	9	.07	30	.03	6	1.43	.01	.03	1	1
PI 18	1	27	2	49	.3	8	3	118	1.07	2	7	ND	1	20	1	2	4	48	.17	.079	7	12	.29	43	.07	2	1.58	.02	.03	1	1
PI 19	1	15	18	108	.1	7	1	38	.27	2	5	ND	1	14	1	2	2	33	.07	.089	6	15	.08	25	.03	5	1.30	.01	.02	1	2
STD C/AU-S	21	57	44	131	7.0	70	31	1032	3.91	41	19	8	38	46	19	14	20	60	.42	.099	36	56	.77	170	.05	36	1.71	.06	.13	13	47
PI 20	1	14	20	45	.4	15	5	208	2.62	2	5	ND	2	19	1	2	3	78	.17	.037	6	18	.49	29	.20	2	1.24	.02	.06	1	2
PI 21	1	8	2	46	.2	8	3	89	1.79	2	5	ND	1	20	1	4	2	56	.10	.036	5	11	.18	33	.11	4	.72	.02	.02	1	3
PI 22	1	21	4	55	.1	12	11	737	2.36	2	5	ND	1	20	1	4	2	59	.20	.052	5	13	.49	54	.11	4	.97	.02	.09	1	9
PI 23	1	6	14	90	.5	8	5	122	1.38	2	5	ND	1	51	1	5	3	42	.20	.052	4	8	.23	68	.07	4	.41	.03	.06	1	1
PI 24	1	8	8	40	.2	4	3	152	3.28	2	5	ND	2	19	1	2	6	59	.13	.031	4	8	.27	25	.11	2	.66	.02	.04	1	95
PI 25	1	26	12	54	.1	8	8	267	2.29	4	5	ND	1	17	1	2	2	58	.14	.031	5	11	.58	46	.12	3	1.04	.02	.09	1	25
PI 26	1	22	13	56	.4	10	5	200	1.42	2	5	ND	1	21	1	2	4	49	.14	.017	4	16	.61	48	.13	2	1.03	.02	.09	3	8
PI 27	1	13	7	45	.2	13	7	189	1.48	2	5	ND	1	18	1	2	4	53	.12	.017	4	18	.58	54	.14	2	1.04	.02	.10	2	5
PI 28	1	17	12	41	.2	6	5	171	1.33	2	5	ND	1	18	1	4	2	42	.12	.024	4	13	.49	45	.12	2	.89	.02	.10	1	15
PI 29	1	28	9	50	.1	11	6	181	1.39	2	5	ND	1	16	1	2	2	66	.14	.036	6	18	.58	71	.20	6	1.33	.02	.15	2	12
PI 30	1	25	11	50	.1	11	7	258	3.23	2	5	ND	2	16	1	3	7	84	.13	.028	5	16	.60	45	.23	3	1.37	.02	.06	2	9
PI 31	1	7	3	52	.1	14	3	207	.74	2	5	ND	1	59	1	2	2	21	.20	.036	4	4	.25	119	.08	2	.71	.03	.07	1	14
PI 32	1	8	9	50	.1	14	4	202	.94	2	5	ND	1	62	1	2	3	45	.22	.032	6	15	.39	150	.12	2	1.85	.03	.06	1	395
PI 33	1	6	14	48	.2	12	1	107	.41	4	5	ND	1	25	1	2	2	38	.13	.020	5	11	.21	45	.13	2	1.01	.02	.05	1	13
PI 34	1	11	4	23	.1	2	1	84	.47	4	5	ND	1	17	1	2	2	21	.20	.058	5	9	.19	22	.06	2	1.04	.02	.02	2	2
PI 35	2	9	13	41	.1	19	4	209	1.94	4	5	ND	1	20	1	2	2	49	.13	.038	9	10	.31	40	.15	2	1.84	.02	.03	1	32
PI 36	1	4	3	34	.1	9	2	70	1.30	2	5	ND	1	18	1	4	2	35	.07	.016	2	1	.07	33	.15	4	.32	.02	.04	1	4
PI 37	1	11	14	34	.3	5	1	49	.25	4	5	ND	1	18	1	2	2	23	.10	.031	4	8	.11	21	.08	4	.66	.01	.01	1	1
PI 38	1	5	2	33	.2	7	3	124	.72	7	5	ND	1	19	1	2	4	41	.13	.016	4	13	.33	26	.18	2	.76	.02	.04	2	4
PI 39	1	17	9	57	.1	17	7	257	2.20	2	5	ND	1	24	1	2	5	65	.14	.026	4	12	.56	45	.12	3	.90	.02	.07	1	2
PI 40	1	8	2	43	.1	5	2	71	.32	3	5	ND	1	16	1	2	2	25	.10	.023	4	13	.15	20	.11	2	.62	.02	.03	1	17
PI 41	1	12	3	29	.1	5	3	106	.59	2	5	ND	2	17	1	2	2	22	.13	.022	5	9	.26	25	.10	7	.67	.02	.04	2	1
PI 42	1	3	6	38	.4	1	1	28	.17	3	5	ND	1	19	1	2	2	31	.07	.036	5	13	.05	23	.10	2	.85	.01	.04	1	11
PI 43	1	3	11	19	.1	1	1	50	.43	2	5	ND	1	13	1	2	2	30	.09	.010	3	8	.12	12	.13	2	.68	.01	.02	1	2
PI 44	1	7	4	34	.1	10	4	137	2.18	2	5	ND	1	15	1	2	3	96	.15	.007	4	11	.34	28	.25	6	.76	.02	.06	3	1
PI 45	1	4	4	29	.3	8	1	63	.34	3	5	ND	1	16	1	2	2	29	.10	.023	5	13	.15	20	.13	2	.96	.01	.03	2	1
PI 46	1	3	12	28	.2	4	3	113	.81	2	5	ND	1	16	1	2	2	32	.15	.034	5	13	.26	20	.12	5	.89	.02	.05	1	2
PI 47	1	7	2	26	.2	4	1	34	.21	2	8	ND	2	10	1	2	2	19	.08	.022	4	16	.08	15	.10	2	.83	.01	.03	2	3
PI 48	1	8	2	35	.1	6	2	108	.81	3	5	ND	1	16	1	2	2	34	.12	.027	5	12	.27	28	.11	2	1.11	.02	.05	1	1
PI 49	1	9	4	24	.3	9	2	72	.40	2	5	ND	1	16	1	2	2	33	.15	.032	6	13	.17	21	.14	2	1.08	.01	.03	1	4

IMPERIAL METALS CORPORATION PROJECT - 4544 FILE # 87-1435

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
PI 50	1	3	2	22	.2	9	3	70	.57	2	5	ND	1	12	1	3	2	27	.11	.006	4	8	.17	12	.13	2	1.04	.01	.01	1	21
PI 51	1	1	8	18	.1	3	1	19	.27	2	5	ND	1	10	1	2	2	10	.08	.017	3	3	.03	8	.04	9	.43	.01	.01	1	2
PI 52	1	8	10	27	.1	9	3	111	1.31	3	5	ND	1	16	1	2	2	30	.19	.025	4	9	.34	21	.10	9	.98	.02	.03	2	15
PI 53	1	4	2	21	.1	9	3	74	.62	5	5	ND	1	17	1	3	2	24	.16	.021	5	9	.19	19	.11	6	.92	.01	.02	1	3
PI 54	1	10	2	38	.1	9	3	149	.93	7	5	ND	1	22	1	2	2	35	.18	.029	5	8	.38	38	.10	5	1.37	.02	.05	2	21
PI 55	1	4	4	29	.2	6	3	106	1.61	2	5	ND	1	18	1	2	2	30	.15	.010	4	7	.26	19	.10	3	.77	.02	.02	2	6
PI 56	1	8	6	31	.1	10	3	148	1.24	2	5	ND	1	21	1	2	2	39	.25	.032	5	13	.34	29	.15	3	1.15	.02	.03	1	24
PI 57	1	8	6	24	.1	9	3	81	.72	2	5	ND	1	19	1	4	2	25	.14	.015	4	8	.19	25	.11	4	.71	.01	.02	1	14
PI 58	1	8	3	21	.1	6	2	93	1.41	3	5	ND	1	17	1	3	2	56	.15	.008	3	6	.24	21	.22	10	.60	.01	.02	1	15
PI 59	1	13	2	33	.1	13	5	157	1.86	2	5	ND	1	16	1	2	2	38	.25	.031	5	10	.41	34	.13	8	1.28	.02	.03	1	1
PI 60	2	8	3	33	.1	9	4	143	1.28	5	5	ND	1	20	1	2	2	38	.18	.018	5	11	.44	27	.11	2	.96	.02	.04	1	3
PI 61	4	11	2	30	.1	6	5	202	1.96	2	5	ND	1	26	1	2	2	26	.36	.047	4	7	.29	43	.06	5	.56	.03	.02	1	1
PI 62	2	9	2	33	.1	10	5	152	1.70	2	5	ND	1	19	1	2	2	39	.26	.026	4	10	.40	26	.14	10	.88	.02	.05	1	1
PI 63	1	7	2	27	.1	4	3	98	2.58	3	5	ND	1	13	1	2	2	65	.13	.008	4	11	.22	21	.20	6	.84	.01	.02	1	1
PI 64	1	16	7	27	.1	10	4	136	1.92	2	5	ND	1	26	1	2	2	51	.20	.011	4	10	.41	32	.21	6	1.07	.02	.03	1	1
PI 65	1	6	3	21	.1	9	2	80	.72	3	5	ND	1	17	1	2	5	18	.19	.023	4	7	.20	19	.07	5	.57	.02	.01	1	1
PI 66	1	6	4	37	.1	7	2	121	1.25	2	5	ND	1	21	1	2	2	34	.16	.016	4	9	.31	28	.12	5	.79	.02	.03	1	2
PI 67	1	7	4	18	.1	6	1	51	.34	2	6	ND	1	16	1	2	2	20	.12	.016	3	6	.13	15	.09	4	.75	.01	.01	1	4
PI 68	1	4	2	21	.1	9	2	86	.74	5	5	ND	1	15	1	3	2	25	.16	.009	4	9	.22	17	.12	2	.93	.01	.02	1	1
PI 69	1	7	5	21	.2	8	1	58	.49	3	5	ND	1	16	1	2	2	25	.14	.019	4	7	.15	15	.08	2	.78	.01	.01	1	1
PI 70	1	16	4	110	.2	11	3	101	2.41	2	5	ND	1	23	1	2	2	37	.18	.078	6	11	.21	35	.04	3	1.28	.02	.04	1	1
PI 71	1	8	4	24	.1	6	3	114	1.18	2	5	ND	1	17	1	2	2	29	.20	.020	4	8	.30	23	.10	6	.74	.02	.02	1	25
PI 72	1	7	2	31	.1	9	3	123	2.07	7	5	ND	1	20	1	2	3	42	.20	.020	4	6	.33	25	.09	4	.77	.02	.03	2	1
PI 73	1	6	7	24	.3	5	1	31	.31	2	5	ND	1	14	1	2	2	11	.09	.020	4	8	.07	15	.05	2	.93	.01	.02	2	1
PI 74	1	1	5	19	.1	6	1	38	.29	2	5	ND	1	13	1	4	2	10	.10	.017	3	1	.08	11	.04	6	.43	.01	.01	1	1
PI 75	1	4	8	21	.3	5	2	68	.84	2	6	ND	1	15	1	2	2	38	.14	.020	3	5	.18	16	.13	6	.74	.01	.02	2	1
PI 76	1	2	4	27	.1	6	1	37	.24	2	5	ND	1	19	1	2	2	11	.12	.030	2	5	.08	18	.05	11	.38	.01	.01	1	2
PI 77	1	5	3	36	.1	5	1	18	.17	2	5	ND	1	13	1	2	4	10	.06	.043	4	3	.03	13	.03	5	.77	.01	.01	1	1
PI 78	1	6	13	26	.1	11	3	119	2.61	2	5	ND	1	19	1	2	2	65	.15	.007	4	11	.29	18	.20	10	1.10	.02	.02	2	3
PI 79	1	3	8	16	.1	5	2	63	.71	5	5	ND	1	16	1	2	2	14	.12	.007	3	2	.15	18	.08	5	.51	.01	.01	2	1
PI 80	1	16	3	82	.1	9	10	740	3.94	6	5	ND	1	219	1	2	2	58	.75	.084	7	5	.79	140	.11	2	2.38	.07	.14	2	295
PI 81	1	17	12	89	.1	3	8	974	3.18	2	5	ND	1	149	1	2	2	44	.74	.061	6	3	.75	140	.12	2	2.06	.03	.21	1	3
PI 82	1	20	5	76	.1	8	7	1169	2.93	2	5	ND	1	146	1	2	2	46	1.21	.072	9	3	.58	97	.10	3	2.57	.07	.11	1	1
PI 83	1	13	4	59	.1	6	4	286	1.82	2	5	ND	1	101	1	2	4	31	.59	.053	4	6	.47	73	.07	7	1.33	.04	.15	1	1
PI 84	1	15	14	54	.1	9	8	685	2.05	2	5	ND	1	34	1	2	2	41	.29	.040	5	7	.51	54	.08	2	.94	.03	.06	1	2
PI 85	1	5	6	80	.2	8	1	70	.56	2	5	ND	1	90	1	2	2	9	.44	.059	3	4	.13	89	.03	7	.37	.03	.06	1	1
STD C/AU-S	18	58	37	130	7.1	66	28	985	3.94	43	15	8	31	47	16	16	21	60	.48	.090	34	57	.86	174	.08	36	1.70	.07	.12	13	50

IMPERIAL METALS CORPORATION PROJECT - 4555 FILE # 87-1435

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
PI 86	1	20	2	32	.2	11	6	227	1.80	2	5	ND	1	29	1	2	2	47	.26	.046	5	16	.40	63	.10	2	1.01	.03	.04	1	6
PI 87	1	25	8	60	.1	15	10	682	2.15	2	5	ND	1	62	1	2	2	57	.50	.071	7	12	.58	86	.12	2	1.09	.04	.14	1	7
PI 88	1	11	2	39	.1	9	11	510	2.12	2	5	ND	1	40	1	2	2	54	.28	.061	6	11	.39	56	.09	5	.83	.03	.07	1	6
PI 89	1	16	5	42	.2	13	6	289	1.56	2	5	ND	1	41	1	2	2	42	.30	.063	4	13	.43	56	.09	2	.77	.03	.08	1	9
PI 90	1	16	5	44	.1	9	7	439	2.18	2	5	ND	1	43	1	2	2	56	.29	.050	5	12	.48	56	.12	2	.95	.03	.05	1	10
PI 91	1	16	7	41	.1	13	5	378	1.82	3	5	ND	1	38	1	2	2	49	.32	.064	6	12	.46	60	.11	3	.80	.03	.08	1	5
PI 92	1	17	7	48	.1	14	9	576	2.16	2	5	ND	1	43	1	4	5	56	.34	.065	5	14	.57	74	.12	5	.94	.03	.10	2	9
PI 93	1	11	2	101	.1	5	15	2598	3.59	2	5	ND	1	73	1	2	2	64	.44	.100	7	5	.33	59	.08	2	1.19	.04	.06	1	1
PI 94	1	10	7	115	.3	7	1	72	.70	2	5	ND	1	104	1	2	2	14	.36	.097	3	4	.16	102	.03	3	.41	.04	.06	1	1
PI 95	1	27	2	64	.1	9	9	393	4.48	9	5	ND	1	164	1	2	2	103	.56	.078	7	11	.46	104	.17	3	2.33	.07	.04	1	1
PI 96	1	48	9	73	.1	27	15	792	4.75	2	5	ND	1	273	1	2	2	121	.72	.080	10	16	.74	144	.22	2	3.14	.12	.04	1	1
PI 97	1	45	3	65	.1	12	15	1038	2.65	3	5	ND	1	298	1	2	2	66	1.18	.089	7	13	.73	117	.13	2	2.58	.08	.12	1	2
PI 98	1	27	2	53	.2	12	8	601	2.04	4	5	ND	1	56	1	2	2	54	.50	.084	7	13	.49	71	.10	2	.96	.04	.10	1	87
PI 99	1	17	10	48	.1	9	13	786	3.07	2	5	ND	1	56	1	2	2	69	.31	.054	5	13	.53	60	.15	2	1.46	.04	.07	1	11
PI 100	1	33	2	59	.1	9	10	537	2.71	2	5	ND	1	350	1	2	2	62	1.07	.101	7	4	.54	92	.08	2	2.71	.09	.10	1	4
PI 101	1	84	3	102	.1	21	11	833	2.96	5	6	ND	1	295	1	2	2	91	1.79	.135	8	6	1.10	150	.17	5	2.00	.15	.22	1	1
STD C/AU-S	20	57	36	128	6.9	68	29	1014	3.92	41	17	7	35	49	18	17	21	64	.40	.106	34	55	.83	164	.08	34	1.66	.06	.11	11	48
PI 102	1	21	2	55	.1	12	11	929	2.59	2	5	ND	1	83	1	2	2	65	.49	.079	5	14	.63	87	.13	3	1.26	.05	.12	1	12
PI 103	1	58	2	74	.2	17	12	464	3.86	2	5	ND	1	339	1	2	2	100	.64	.090	13	16	.76	121	.20	2	4.33	.10	.06	1	1
PI 104	1	76	4	58	.1	9	11	378	2.90	4	5	ND	1	143	1	2	2	87	.44	.049	6	11	.71	113	.20	2	2.56	.04	.11	1	3
PI 105	1	17	7	38	.1	7	5	230	2.08	4	5	ND	1	70	1	2	2	60	.28	.038	4	10	.38	79	.13	5	.92	.03	.08	1	15
PI 106	1	16	2	39	.1	12	5	229	2.05	3	5	ND	1	56	1	2	2	56	.24	.043	4	10	.41	62	.11	2	.88	.03	.07	1	9
PI 107	1	21	2	46	.1	12	9	570	2.21	6	5	ND	1	65	1	2	2	58	.40	.073	5	17	.53	69	.11	2	1.05	.04	.10	1	11
PI 110	1	16	2	40	.1	8	7	410	2.13	2	5	ND	1	55	1	2	3	55	.30	.054	5	10	.45	51	.10	2	.87	.03	.09	3	6
PI 111	1	37	2	60	.1	10	8	395	2.88	4	5	ND	1	133	1	2	2	87	1.08	.066	4	6	.70	58	.15	3	2.37	.11	.06	1	1
PI 112	1	21	8	69	.2	10	6	252	2.05	3	5	ND	1	122	1	2	2	60	.77	.080	4	4	.42	93	.13	3	1.57	.06	.12	1	3

SILTS FROM
SLIDE CREEK

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	M6	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
PI 1S	1	28	3	56	.1	7	12	1042	3.22	2	5	ND	1	21	1	3	2	66	.21	.038	3	12	.66	59	.12	4	.97	.02	.16	1	2
PI 2S	1	23	2	71	.1	10	22	1820	3.42	2	5	ND	1	24	1	2	3	78	.28	.042	3	13	.95	86	.14	2	1.28	.02	.22	1	5
PI 3S	1	14	4	67	.1	9	17	1966	2.74	2	5	ND	1	22	1	2	2	59	.25	.038	3	10	.80	71	.12	2	1.06	.02	.18	1	3
PI 4S	1	12	2	52	.1	8	11	748	2.07	2	5	ND	1	22	1	2	2	50	.27	.044	3	11	.71	59	.11	4	.99	.02	.14	1	1
PI 5S	1	15	2	40	.3	7	6	326	1.36	2	5	ND	1	21	1	2	2	36	.24	.036	3	11	.51	43	.09	2	.81	.02	.09	1	1
PI 6S	1	15	2	39	.1	6	16	1744	2.40	2	5	ND	1	21	1	2	2	56	.23	.041	3	10	.45	44	.08	2	.80	.01	.08	1	3
PI 7S	1	27	2	63	.1	7	26	3052	3.51	2	5	ND	1	27	1	2	3	74	.35	.068	4	11	.60	86	.10	3	1.09	.02	.16	1	6
PI 8S	3	20	2	100	.1	9	24	2914	9.79	8	5	ND	1	45	1	2	2	88	.52	.138	6	11	.62	177	.09	3	1.18	.02	.19	1	5
PI 9S	2	26	4	72	.1	9	23	4064	4.41	2	5	ND	1	35	1	2	2	68	.44	.071	5	9	.51	110	.09	2	1.10	.02	.13	1	8
PI 10S	2	30	2	89	.1	8	21	2659	4.21	2	5	ND	1	28	1	2	2	76	.39	.077	5	12	.82	147	.12	9	1.37	.02	.27	1	5
PI 11S	1	38	2	102	.1	13	20	1823	4.85	6	5	ND	2	32	1	2	2	86	.45	.098	6	19	.95	156	.13	5	1.47	.03	.30	1	8
PI 12S	1	27	2	86	.1	10	20	1854	3.84	3	5	ND	1	33	1	2	3	71	.45	.077	5	12	.73	126	.11	4	1.29	.02	.20	1	2
PI 13S	1	28	2	81	.3	10	16	1288	3.88	5	5	ND	1	32	1	3	2	76	.42	.068	5	13	.79	123	.13	6	1.39	.03	.22	1	3
PI 14S	1	26	2	88	.2	10	18	1226	3.83	4	5	ND	1	29	1	2	2	79	.42	.075	5	14	.76	117	.12	3	1.32	.03	.22	1	2
PI 15S	1	22	4	59	.2	8	15	1154	3.31	3	5	ND	1	32	1	2	2	64	.40	.072	5	10	.53	89	.09	2	1.19	.02	.13	1	2
PI 16S	1	25	2	77	.2	12	17	1150	3.47	2	5	ND	1	27	1	2	3	69	.30	.070	5	11	.66	107	.11	3	1.33	.02	.18	1	2
PI 17S	1	28	3	82	.2	11	17	1057	3.81	3	5	ND	2	28	1	2	2	80	.36	.079	5	13	.85	126	.13	3	1.49	.02	.24	1	3
PI 18S	1	28	2	90	.1	10	17	1059	3.66	3	5	ND	1	31	1	2	2	78	.39	.076	5	12	.90	131	.14	6	1.48	.03	.26	1	1
PI 19S	1	25	2	96	.1	11	16	1057	3.50	2	5	ND	1	34	1	2	2	75	.42	.076	5	13	.86	121	.13	3	1.46	.03	.23	1	1
PI 20S	1	24	6	66	.1	9	14	925	3.43	2	5	ND	1	33	1	2	2	69	.38	.065	5	12	.68	100	.12	7	1.39	.02	.16	1	4
PI 21S	1	27	2	99	.1	11	19	1274	4.01	5	5	ND	1	31	1	2	2	79	.38	.077	5	14	.90	136	.14	3	1.52	.03	.25	1	1
PI 22S	1	20	2	65	.1	9	14	868	3.35	3	5	ND	1	30	1	2	2	70	.40	.077	5	12	.67	97	.11	5	1.22	.02	.18	1	1
PI 23S	1	20	2	68	.3	10	12	638	2.74	4	5	ND	3	31	1	2	2	58	.45	.091	5	11	.74	99	.10	4	1.11	.03	.21	1	3
PI 24S	1	20	2	57	.1	9	10	515	2.37	2	5	ND	1	33	1	2	2	50	.44	.086	4	11	.69	97	.09	4	1.03	.04	.21	1	2
PI 25S	1	32	2	86	.1	12	14	647	3.21	2	5	ND	2	29	1	2	2	77	.38	.072	6	17	1.11	145	.16	6	1.72	.03	.34	1	5
PI 26S	1	25	2	70	.1	11	11	566	2.73	3	5	ND	2	23	1	2	2	63	.31	.062	5	15	.89	117	.13	4	1.38	.02	.25	1	1
PI 27S	1	19	2	60	.2	9	9	477	2.35	2	5	ND	1	26	1	2	2	51	.37	.073	4	11	.70	90	.10	5	1.05	.03	.21	1	3
PI 28S	1	16	2	74	.1	10	10	523	2.84	2	5	ND	2	32	1	2	4	62	.37	.071	5	14	.87	127	.14	3	1.37	.03	.28	1	1
PI 29S	1	17	5	69	.1	10	9	434	2.31	2	5	ND	2	24	1	2	2	51	.32	.061	5	13	.73	89	.11	4	1.08	.02	.20	1	5
PI 30S	1	20	2	74	.3	11	12	592	3.05	2	5	ND	2	29	1	2	2	65	.36	.067	5	14	.86	121	.13	5	1.35	.03	.26	1	2
PI 31S	1	18	5	78	.1	11	12	673	3.37	2	5	ND	2	38	1	2	2	65	.37	.071	5	13	.86	124	.13	4	1.37	.03	.22	1	3
PI 32S	1	17	3	58	.1	8	9	477	2.46	3	5	ND	1	40	1	2	2	46	.40	.075	5	12	.65	94	.09	2	1.03	.04	.18	1	3
PI 33S	1	18	4	64	.1	10	10	651	2.84	4	5	ND	2	63	1	2	2	55	.40	.064	4	11	.76	119	.11	2	1.26	.04	.19	1	13
PI 34S	1	18	2	64	.2	8	11	559	2.65	2	5	ND	2	28	1	2	2	56	.26	.053	5	13	.72	94	.12	2	1.17	.02	.16	1	14
PI 35S	1	18	3	65	.1	9	10	602	3.11	2	5	ND	1	29	1	3	2	61	.30	.055	5	11	.70	92	.11	3	1.12	.02	.18	1	10
PI 36S	1	17	3	77	.1	11	13	768	3.07	2	5	ND	1	36	1	2	3	62	.36	.071	5	13	.83	115	.12	2	1.28	.03	.22	1	3
STD C/AU-S	20	62	36	138	7.1	68	30	1041	3.97	41	15	8	34	49	17	16	22	64	.46	.103	37	59	.85	185	.08	39	1.68	.07	.15	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
PI 37S	1	16	2	66	.1	9	11	655	2.59	3	5	ND	1	43	1	2	3	52	.34	.060	4	12	.70	109	.11	5	1.11	.03	.17	1	1
PI 38S	1	17	2	66	.1	8	10	1150	2.93	2	5	ND	2	29	1	2	2	56	.29	.054	5	14	.66	89	.11	2	1.07	.02	.15	1	1
PI 39S	1	17	2	67	.1	9	12	938	3.08	5	5	ND	1	37	1	2	2	59	.32	.057	5	12	.74	103	.12	2	1.19	.03	.17	1	1
PI 40S	1	17	2	58	.1	8	10	550	2.29	3	5	ND	1	33	1	2	3	49	.26	.044	5	11	.64	79	.11	2	1.04	.02	.12	1	30
PI 41S	1	21	2	61	.1	9	12	764	3.15	4	5	ND	1	47	1	2	2	63	.34	.056	5	13	.79	123	.13	3	1.28	.03	.19	1	1
PI 42S	1	15	3	55	.2	7	9	540	2.17	4	5	ND	1	27	1	2	3	48	.27	.040	5	12	.63	77	.11	2	1.04	.02	.13	1	1
PI 43S	1	17	2	60	.1	8	10	675	2.77	4	5	ND	2	37	1	3	2	58	.31	.051	6	13	.74	97	.13	2	1.19	.03	.17	2	1
PI 44S	1	16	2	54	.1	8	10	583	2.37	3	5	ND	1	46	1	2	4	50	.39	.068	5	10	.67	91	.11	2	1.05	.03	.16	1	1
PI 45S	1	18	2	59	.1	7	10	579	2.37	4	5	ND	1	40	1	2	2	48	.36	.069	4	9	.65	85	.10	2	1.02	.03	.15	1	1
PI 46S	1	16	5	57	.2	8	9	532	2.19	2	5	ND	1	47	1	2	2	47	.33	.062	5	10	.61	89	.10	2	.98	.03	.14	1	1
PI 47S	1	16	3	58	.1	7	9	478	2.10	2	5	ND	1	28	1	2	3	47	.31	.051	4	10	.54	66	.10	2	.87	.03	.11	1	1
PI 48S	1	14	2	56	.1	8	9	476	2.15	3	5	ND	1	30	1	2	2	48	.29	.046	4	12	.57	70	.11	2	.95	.02	.12	1	1
PI 49S	1	15	6	52	.1	8	10	588	2.28	3	5	ND	2	34	1	2	2	49	.30	.051	5	11	.61	80	.10	2	.96	.02	.15	1	10
PI 50S	1	15	2	61	.1	8	11	722	2.49	2	5	ND	1	39	1	2	3	52	.34	.059	5	11	.70	88	.11	2	1.08	.03	.15	1	15
PI 51S	1	16	5	60	.1	9	9	586	2.28	2	5	ND	1	32	1	2	2	50	.28	.044	4	12	.64	81	.11	2	1.06	.02	.14	1	4
PI 52S	1	15	4	57	.1	13	10	695	2.52	2	5	ND	1	38	1	2	5	54	.37	.057	5	13	.70	88	.11	2	1.16	.03	.14	1	112
PI 53S	1	16	5	52	.1	7	7	503	2.13	2	5	ND	1	30	1	2	2	47	.29	.045	5	10	.58	72	.11	3	1.00	.02	.11	1	9
PI 54S	2	20	2	39	.1	9	8	260	1.75	2	5	ND	1	29	1	2	2	46	.31	.055	4	23	.64	62	.10	2	1.11	.02	.13	1	57
PI 55S	4	12	2	53	.1	8	6	293	2.26	2	5	ND	1	34	1	2	2	63	.23	.033	4	14	.55	64	.12	2	1.40	.02	.11	1	9
PI 56S	3	23	2	46	.1	13	9	347	2.07	2	5	ND	1	35	1	2	2	52	.40	.072	3	35	.86	70	.10	2	1.21	.03	.15	1	30
PI 57S	3	24	2	47	.1	11	8	351	2.23	2	5	ND	1	34	1	2	3	57	.35	.060	4	30	.83	78	.12	2	1.36	.03	.17	2	11
PI 58S	3	22	6	52	.1	13	9	362	2.22	4	5	ND	1	37	1	2	4	55	.37	.062	4	28	.83	77	.12	2	1.30	.03	.17	1	15
PI 59S	2	17	2	51	.1	10	8	351	2.14	3	5	ND	1	36	1	2	2	53	.39	.061	4	22	.71	70	.11	2	1.20	.03	.13	1	12
PI 60S	2	20	2	52	.1	12	9	376	2.22	2	5	ND	1	39	1	2	2	55	.36	.055	4	28	.86	84	.12	2	1.34	.03	.17	1	16
PI 61S	2	20	3	52	.1	12	10	454	2.46	4	5	ND	1	42	1	2	2	58	.41	.063	4	26	.88	87	.12	3	1.40	.04	.16	1	10
PI 62S	2	18	2	48	.1	10	7	351	2.11	2	5	ND	1	33	1	2	3	49	.36	.057	4	21	.69	63	.10	2	1.06	.03	.13	1	8
PI 63S	2	17	2	46	.2	12	9	409	2.13	5	5	ND	1	36	1	2	6	52	.37	.062	4	23	.77	72	.11	4	1.20	.03	.15	1	7
PI 64S	3	17	3	47	.1	9	9	451	2.46	5	5	ND	1	35	1	2	3	55	.38	.058	4	22	.73	70	.11	7	1.20	.03	.14	1	21
PI 65S	2	19	2	54	.1	9	9	492	2.25	2	5	ND	1	44	1	2	2	52	.41	.065	4	20	.76	80	.10	2	1.22	.04	.14	1	3
PI 66S	2	19	5	50	.1	10	9	445	2.08	2	5	ND	1	36	1	2	2	49	.37	.063	4	21	.71	70	.10	5	1.10	.03	.15	1	22
PI 67S	3	16	4	45	.1	9	8	408	2.47	2	5	ND	1	33	1	2	3	57	.33	.055	4	19	.66	70	.11	2	1.23	.03	.13	1	7
PI 68S	2	15	3	45	.1	10	9	468	2.68	2	5	ND	1	40	1	2	6	56	.35	.062	4	21	.69	72	.10	2	1.15	.03	.13	1	1
PI 69S	3	15	2	50	.1	11	9	497	2.57	2	5	ND	1	35	1	2	2	58	.33	.058	4	19	.71	76	.11	4	1.24	.03	.14	1	24
PI 70S	2	18	5	42	.1	10	7	346	1.89	2	5	ND	1	30	1	2	3	46	.32	.053	4	20	.70	62	.10	2	1.06	.03	.14	3	11
PI 71S	2	18	2	35	.1	10	6	272	1.64	2	5	ND	1	30	1	2	2	41	.32	.055	4	18	.59	60	.10	3	.97	.02	.11	1	15
PI 72S	3	16	3	52	.1	10	9	514	2.12	2	5	ND	1	36	1	2	2	50	.37	.060	3	19	.71	69	.10	2	1.11	.03	.14	1	2
STD C/AU-S	20	63	41	139	7.0	65	30	1053	4.03	42	15	8	34	49	18	16	22	65	.45	.102	37	61	.85	186	.08	33	1.62	.07	.14	14	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 %	M PPM	AU# PPB
PI 73S	2	19	2	43	.2	6	7	374	1.79	2	5	ND	1	29	1	2	2	39	.33	.057	4	20	.59	52	.10	2	.88	.03	.11	1	11
PI 74S	2	19	6	45	.1	8	7	327	1.76	2	5	ND	1	30	1	2	3	39	.32	.055	4	21	.62	63	.10	2	1.00	.02	.12	2	4
PI 75S	2	15	4	41	.1	7	7	467	2.20	2	5	ND	1	33	1	2	5	45	.35	.058	4	16	.58	53	.10	2	.88	.03	.09	1	9
PI 76S	2	15	5	50	.1	7	8	467	1.88	2	5	ND	1	33	1	2	2	40	.32	.050	3	20	.65	64	.10	2	.96	.03	.12	1	48
PI 77S	2	15	9	42	.1	9	7	329	1.86	2	5	ND	1	31	1	2	3	41	.33	.058	4	22	.64	64	.11	2	1.03	.02	.12	3	30
PI 78S	1	19	5	40	.1	7	6	344	2.01	3	5	ND	1	29	1	2	5	43	.33	.060	4	22	.60	59	.11	3	.96	.03	.11	1	6
PI 80S	3	15	7	53	.1	6	9	577	2.70	2	5	ND	1	44	1	2	2	54	.39	.053	4	19	.73	87	.12	2	1.32	.04	.16	1	8
PI 81S	2	15	6	56	.1	8	9	419	2.08	10	5	ND	1	34	1	3	3	45	.35	.059	4	21	.75	75	.12	5	1.18	.03	.13	1	10
PI 82S	2	15	5	59	.1	5	9	566	2.12	4	5	ND	1	49	1	2	2	43	.36	.061	4	14	.64	77	.10	2	1.05	.03	.14	1	9
PI 83S	2	15	6	66	.2	5	9	701	2.43	2	6	ND	1	46	1	2	6	46	.42	.069	4	12	.68	82	.10	8	1.13	.04	.16	1	1
PI 84S	2	11	5	43	.1	8	7	326	1.79	2	5	ND	1	30	1	2	5	39	.32	.056	4	19	.61	60	.10	5	.99	.02	.11	1	16
PI 85S	2	11	11	43	.1	11	8	426	2.08	2	5	ND	1	36	1	2	3	45	.36	.056	5	20	.67	67	.11	2	1.05	.03	.12	1	10
PI 86S	1	14	4	32	.2	5	4	237	1.50	2	5	ND	1	27	1	2	2	34	.35	.070	5	18	.51	48	.09	2	.81	.02	.11	2	8
PI 87S	1	14	9	43	.1	5	7	389	1.92	2	5	ND	1	30	1	2	6	41	.35	.057	4	20	.61	56	.10	2	.92	.03	.12	1	11
PI 88S	1	18	7	40	.1	3	7	285	1.67	2	5	ND	1	30	1	2	2	38	.34	.060	4	18	.59	59	.11	5	.98	.02	.13	1	18
PI 89S	2	14	8	48	.1	5	9	582	2.07	3	5	ND	1	40	1	4	2	42	.34	.049	4	16	.62	69	.11	2	1.05	.03	.12	2	12
PI 90S	2	15	5	63	.1	9	10	749	2.60	4	5	ND	1	66	1	2	2	51	.54	.067	5	17	.82	83	.13	3	1.31	.05	.14	1	11
PI 91S	2	14	2	50	.1	5	9	510	1.92	2	5	ND	1	39	1	2	2	39	.31	.041	3	16	.64	62	.10	2	.99	.03	.12	1	3
PI 92S	1	18	2	55	.2	7	8	353	1.83	2	5	ND	1	31	1	2	2	40	.33	.055	4	18	.62	61	.10	4	.98	.03	.13	1	10
PI 94S	1	7	3	47	.4	7	5	483	1.90	2	5	ND	3	26	1	2	2	28	.44	.081	4	9	.57	194	.12	2	.64	.02	.37	1	17
PI 97S	1	18	2	56	.1	8	7	391	1.91	2	5	ND	1	35	1	2	3	41	.35	.055	4	20	.65	65	.11	2	1.06	.03	.12	1	12
PI 98S	2	18	2	56	.1	10	7	399	1.92	4	5	ND	1	36	1	2	2	41	.35	.054	4	19	.65	65	.11	2	1.07	.03	.14	1	32
PI 100S	1	17	2	57	.1	10	11	663	2.45	2	5	ND	1	205	1	2	2	50	.71	.073	5	16	.81	108	.13	4	1.55	.07	.13	1	14
PI 101S	1	14	8	57	.1	7	11	880	2.57	5	5	ND	1	133	1	2	2	51	.62	.070	5	14	.78	96	.12	2	1.45	.06	.14	1	1
PI 103S	1	14	6	53	.3	7	9	622	2.30	2	7	ND	2	104	1	2	2	49	.58	.076	6	16	.70	84	.12	6	1.31	.06	.15	1	1
PI 104S	2	16	7	40	.1	8	7	377	1.75	2	5	ND	1	45	1	2	2	39	.35	.051	4	17	.56	60	.10	7	.98	.03	.10	1	1
PI 105S	1	16	3	50	.1	7	8	413	1.93	4	5	ND	1	42	1	3	2	42	.38	.064	5	21	.68	67	.11	2	1.05	.03	.14	1	18
PI 106S	1	14	8	49	.1	9	8	444	2.05	2	5	ND	1	47	1	2	7	44	.38	.063	4	17	.63	69	.11	2	1.09	.03	.13	1	20
PI 107S	1	27	6	76	.1	10	13	920	3.07	2	5	ND	2	260	1	2	2	66	1.21	.095	6	11	.96	139	.15	8	2.10	.14	.15	1	2
PI 108S	1	23	6	63	.1	12	11	767	2.63	6	5	ND	4	202	1	2	6	56	.89	.085	6	13	.85	103	.13	2	1.66	.10	.15	1	4
PI 109S	1	14	10	62	.1	10	9	703	2.44	3	5	ND	1	122	1	2	6	50	.65	.084	6	14	.76	89	.12	7	1.28	.07	.13	1	54
PI 110S	1	16	6	50	.1	12	10	638	2.38	2	5	ND	1	81	1	3	2	51	.53	.075	5	16	.73	83	.13	2	1.24	.05	.13	1	11
PI 111S	1	22	2	80	.1	12	12	807	2.76	5	5	ND	1	189	1	2	3	58	.97	.082	6	11	.86	110	.13	4	1.83	.11	.15	1	3
PI 112S	1	14	2	54	.1	7	10	724	2.60	7	5	ND	1	123	1	2	2	56	.67	.070	5	14	.76	93	.13	5	1.42	.07	.15	1	10
PI 113S	1	17	6	42	.1	12	7	402	2.08	5	5	ND	1	48	1	2	2	45	.42	.070	5	17	.63	61	.11	2	1.01	.04	.13	2	1
STD C/AU-6	20	61	41	141	7.0	69	29	1069	3.99	41	16	7	34	51	18	16	21	59	.45	.107	37	63	.87	191	.09	41	1.63	.07	.15	12	54

1987 GEOCHEMICAL GRIDS
NORTH HALF

SCALE: GEOLOGICAL PLAN 1:50,000
DATE: 15 SEPTEMBER 1987
A. TAYLOR
J. CORKUM

17,076

- LEGEND**
- GEOCHEM GRID WITH SAMPLE STATIONS
 - UNDERGROUND 1015 LEVEL WORKINGS
 - UNDERGROUND 1110 LEVEL WORKINGS
 - SHEAR
 - FOLIATION AND DIP
 - ASSUMED GEOLOGICAL CONTACT
 - CLAIM BOUNDARY
 - CLAIM POST
 - ORE ZONE
 - DDH LOCATION
- QTZ DIOR
 - QUARTZ DIORITE - FELSIC CENTRAL DIORITE BODY (CRETACEOUS)
 - MFLD QTZ DIOR
 - MAFIC RIDGE HORNBLENDE QUARTZ DIORITE PHASE
 - PR. SCHIST
 - PERMO - JURASSIC
 - PRINCE RUPERT SCHIST CONSISTING OF AMPHIBOLITES, SCHISTS, GNEISSES, GABBROS, META - DIORITE AND META - VOLCANICS
 - an ANDESITE DYKE
 - b BASALT DYKE
 - x SOIL SAMPLE WITH ANALYSIS OF Au IN PPM
 - △ SILT SAMPLE WITH ANALYSIS OF Au IN PPM
 - ⊙ ROCK SAMPLE WITH ANALYSIS OF Au IN PPM

