86-852-15648

GEOCHEMICAL REPORT ON THE PARIS PROPERTY

PARIS 1 1960 (10)

PARIS 2 1961 (10)

FORT STEELE M.D.

N.T.S. 82F 9E

LATITUDE : 49°31'N
LONGITUDE: 116°03'W

BY DENNIS GORC

IMPERIAL METALS CORPORATION

DECEMBER, 1986

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SUMMARY

The Paris claims (40 units) are located along Perry Creek, 18 kilometers west of Cranbrook, B.C. The claims are underlain by quartzites, andesites and phylonites of the Precambrian Creston Formation. A major northeast trending fault, the Perry Creek fault traverses the Paris claims.

No mineralization has been discovered to date on the Paris claims but quartz veins containing as much as 3.6 oz/ton Au have been discovered on nearby claims.

In 1986, 155 soil samples were taken along the south facing slope to Perry Creek with disappointing results. Only eleven values greater than 20 ppb gold.

1.0 Introduction

This report concerns soil sampling completed during the period September 22 to September 25, 1986 on the Paris 1 and 2 claims. A total of 155 soil samples were taken and submitted to Acme Labs of Vancouver for gold and 30 element ICP analysis.

2.0 Property

The property consists of two 20 unit mineral claims held by Imperial Metals Corporation, Vancouver, B.C.

Claim Name	Record No.	Record Date	Units
Paris 1	1960	October 5, 1983	20
Paris 2	1961	October 5, 1983	20

The Paris 1 and 2 claims were grouped on October 4, 1984.

3.0 Location, Access & Topography

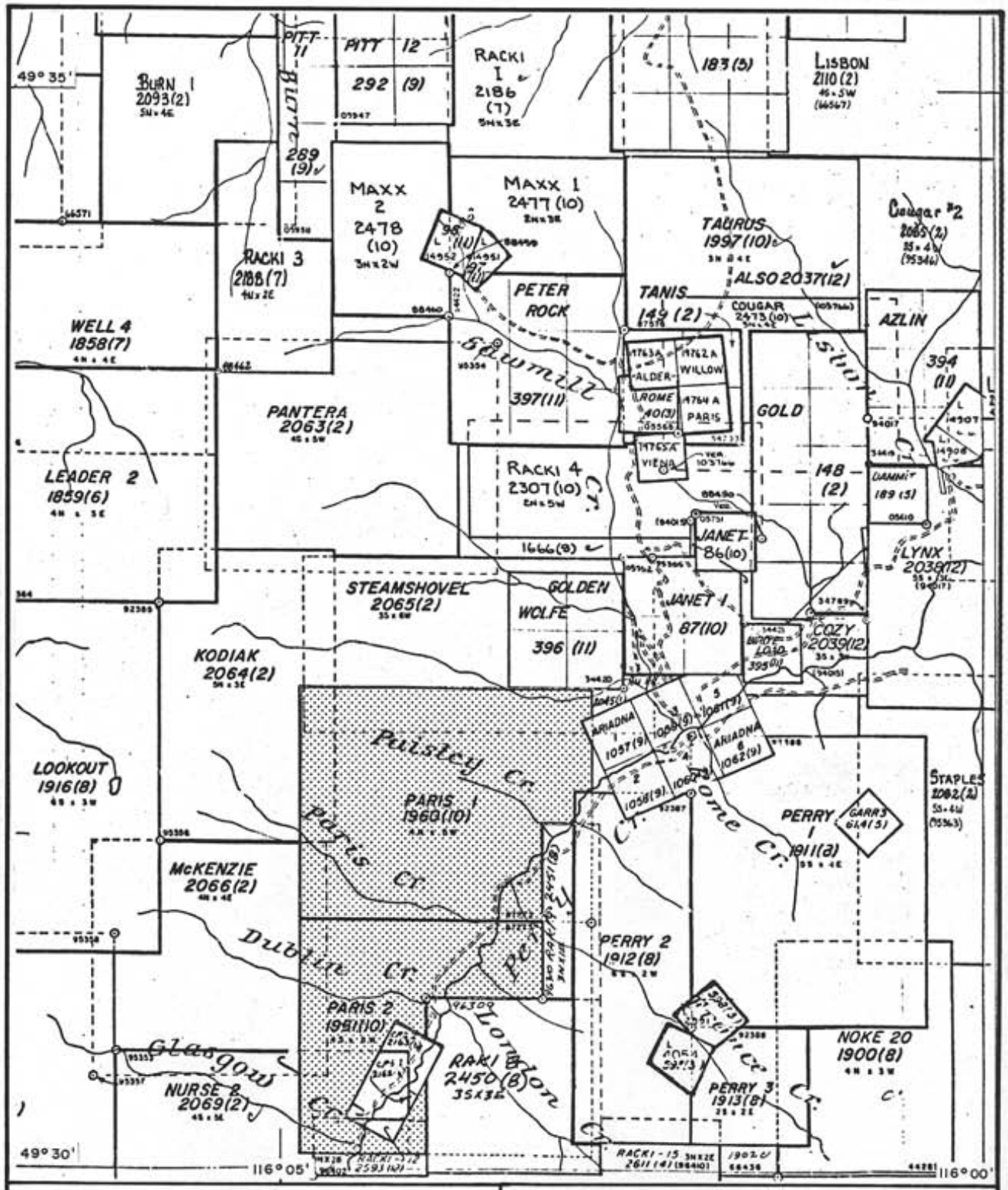
The Paris Claim Group is located about 18 km south of Kimberly, B.C. and about 18 km west of Cranbrook, B.C. on map sheet 82F 9E. Elevations range from 1,220 meters to 1,980 meters. Geographic coordinates are Latitude 49°31'N and Longitude 116°03'W. Access to the claim area is excellent. A gravel road leaves the highway #95A at Wycliffe Regional Park, about 15 km northwest of Cranbrook, B.C. and runs westerly along Perry Creek (figure #1).

Perry Creek is a tributary of St. Mary River. The valley slopes are steep to about 300m above the floor. Above this elevation the slopes flatten and the tributary streams have well defined valleys of their own. Below, the tributaries have extremely steep gradients and are confined to young-appearing V-shaped valleys.

4.0 Exploration History

The first recorded mining activity along Perry Creek dates back to the 1850's. During that time period extensive placer mining took place and since


PARIS CLAIMS
Kimberley
Chapman Camp
Marysville
Wycliffe
Fort Steele
St Eugene Mission
Cranbrook
Fassiferne
Swansea
Jerome
Moyie
Doyle
KOOTENAY
IR 1
IR 6
JIM SMITH LAKE PROV PARK
CANADIAN PACIFIC
CRANBROOK MTN
Old Baldy Mountain
Grassy Mountain
Bootleg Mountain
North Star Hill
Open Pit
Abandoned
Eager
Dam
49° 30'
116° 00'
115° 45'
PROPERTY LOCATION
IMPERIAL METALS CORPORATION
PARIS CLAIMS
FIGURE 1
N.T.S. 82F & G
LOCATION MAP
Km 5 0 5 10 Km
SCALE: 1:250 000
GEOLOGIST: D. GORC
DATE: OCTOBER 1985
DRAWN BY: S. HAWORTH



IMPERIAL METALS CORPORATION

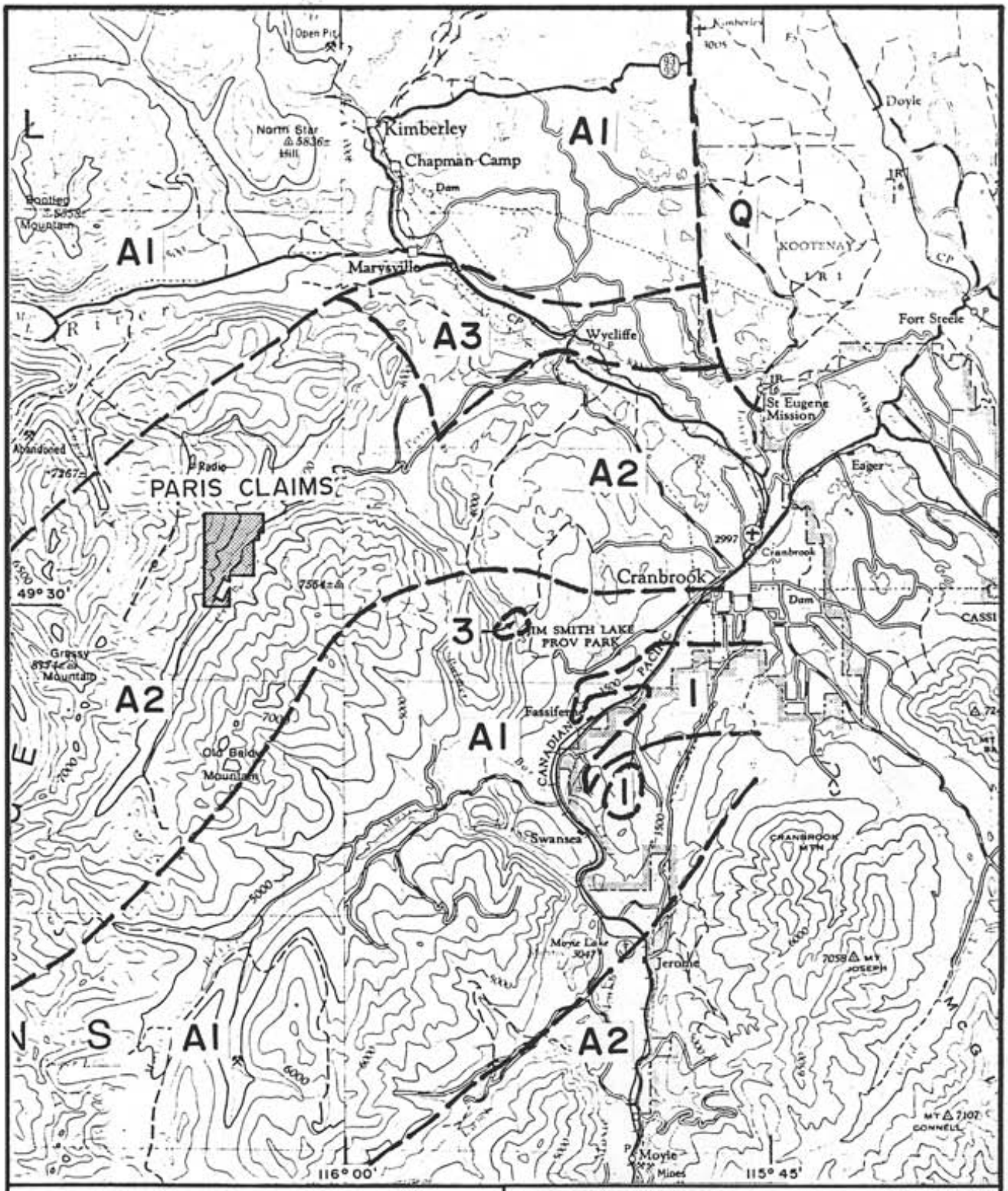
PARIS CLAIMS

FIGURE 2 N.T.S. 82F/9E

CLAIM MAP

Km 1 0 2 Km

SCALE: 1:50 000	GEOLOGIST: D. GORC
DATE: DECEMBER 1986	DRAWN BY: S. HAWORTH



LEGEND

Q	Stratified Clay & Sand	QUATERNARY
3	Granite & Porphyritic Granite	JURASSIC(?)
I	Purcell Sills	
A3	Kitchener Formation	PRECAMBRIAN
A2	Creston Formation	
A1	Aldridge Formation	

IMPERIAL METALS CORPORATION

PARIS CLAIMS

FIGURE 3 N.T.S. 82F & G

REGIONAL GEOLOGY

Km 5 0 5 10 Km

SCALE: 1:250 000 GEOLOGIST: I. R. CORVALAN

DATE: MAY 1984 DRAWN BY: S. HAWORTH

then Perry Creek has been one of the richest placer gold creeks of the East Kootenay area.

After the initiation of placer mining the search for the source of gold began. By 1898 numerous claims had been located along the slopes of Perry Creek. The results obtained were erratic and disappointing and most of the claims were abandoned as uneconomic.

During 1916, renewed interest in gold quartz led to the investigation of the Homestake, Columbia and Yellow Metal Veins. Large quartz ledges returned uneconomic lenses and veinlets showed low grade gold values.

From 1932 to 1977 exploration conducted in the area was sporadic, but in 1973 a production of 1,373 tons of ore containing 0.26 oz/ton Au, 0.2 oz/ton Ag was shipped to smelter from the Quartz Hill showing.

From 1977 to 1986, exploration programs consisting of prospecting, soil sampling, geological mapping and geophysical surveys have been carried out by Gallant Gold Mines in claims located south and north from the Paris claims. Results of these programs, although producing sporadic gold values in soils, did not discover gold mineralization, but several shear zones parallel to the Perry Creek fault were identified. These shear zones have associated hydrothermal alteration and quartz lenses similar to that extracted from the Quartz Hill showings.

During the 1983 exploration season, Imperial Metals carried out a stream sediment sampling along Perry Creek and tributaries. This work identified a continuous area of anomalous gold values more than 2 km long, between Paris and Glasgow Creeks. Two 20 unit claims were staked to protect the mentioned area.

In October 1983, Imperial Metals Corporation completed a soil and silt sampling program to investigate the anomalous stream sediment values returned in the reconnaissance program. A total of 155 samples were taken. In September 1985, Imperial Metals Corporation completed another soil and silt sampling program . A total of 216 samples were taken.

In September 1986, soil sampling discussed in this report was done.

5.0 Geology

5.1 Regional Geology

The regional geology of the claim area has been mapped by G.B. Leach (1960) and H.M.A. Rice (1941).

This area is underlain by the following formations: (figure #3) H.M.A. Rice (1941).

Unit 1: Purcell Sills which consists of all graduations from gabbro to granite intrusive equivalents of Purcell Lava.

Unit A3: Kitchener Formation - vari-coloured argillites and dolomitic argillite.

Unit A2: Creston Formation - grey and grey-weathering green, grey and purplish argillaceous quartzite.

Unit A1: Aldridge Formation - rust weathering, grey quartzite, siltstone and argillite, grey weathering massive quartzite, metamorphosed equivalents.

5.2 Local Geology

The claim areas are characterized by greenish quartzites, altered andesites and phylonites. Rocks of the area exhibit schistosity which is more or less concordant with the strike of the Perry Creek Fault.

The general strike of the formation is about north-northeast with a dip of 40° northwest in the northwest sector of the creek. On the opposite side the dips appear to be to the east or southeast. The area is faulted along Perry and Sawmill Creeks.

No mineral occurrence has been located within the claim area, but abundant mineralized quartz float was observed on Paisley and Paris Creeks. Within the Gallant Gold claims, south of the Paris claims, mineralization is related to massive quartz ledges and shear zones. The width of the mineralized areas range from a few inches to 40 feet and more. These ledges are persistent and extend to several kilometers. As their strike is parallel

to that of the formations, these structures must be found within the Paris claim group.

6.0 Soil Geochemistry

Four lines of soil samples were taken along the south-facing slope to Perry Creek. Each line was compassed and flagged with soil samples taken at 25 intervals. A total of 155 soil samples were taken and submitted to Acme Labs of Vancouver for gold and 30 element ICP analysis. The B-Z soil horizon were sampled. Soil development along this well drained slope is excellent.

Returned gold analysis included eleven samples with greater than 20 ppb Au and three samples with greater than 100 ppb gold. These anomalous gold values occur as isolated spot highs.

The additional 30 elements analysed for returned only background values.

7.0 Conclusions & Recommendations

The results from the soil sampling are disappointing with only a few isolated high gold values returned. Whether these high gold values reflect underlying gold mineralization or instead gold glacially transported from the adjacent Gallant Gold showings is unclear.

Additional soil sampling is recommended in the vicinity of the anomalous gold values returned in 1986 in order to define more extensive gold soil anomalies.

BIBLIOGRAPHY

Hoy, T. (1980): Reconnaissance stream geochemical survey, Moyie Lake Sheet (82G/W) Southeastern, B.C.

Hoy, T. (1982): "Stratigraphic and structural setting of stratabound lead-zinc deposits in Southeastern B.C.", CIM Bulletin Vol. 75, No. 80 pp. 114-134.

Leech, G.B. (1960): G.S.C. Map 11-1960.

Leech, G.B. (1958): Fernie Map area, West half, B.C. G.S.C., pp. 58-/0.

McMechan, M.E. (1978): "Geology of the Purcell super group between Wildhorse River and Sand Creek.

Robinson, M.C. (1965): Assessment Report #822, B.C.D.M.

Schofield, S.J. (1915): "Geology of Cranbrook Map Area British Columbia", Memoir 76 G.S.C.

Corvalan, I.R. (1984): Report on Geochemical Survey, Paris Claim Assessment Report B.C.D.M.

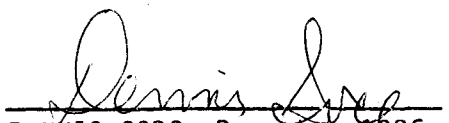
Corvalan, I.R. (1985): Report on Geochemical Survey, Paris Claim; Assessment Report B.C.D.M.

AUTHOR'S QUALIFICATION

1. I, Dennis Gorc, received a BSc (Eng.) degree from Queen's University, Kingston, Ontario in May of 19/6.

2. Since 1976, I have worked on mineral exploration programs in British Columbia, Ontario, Manitoba and the Northwest Territories.

3. I supervised the work on the Paris claims.



DENNIS GORC, December 1986

COST SUMMARY
PARIS CLAIMS - 1986

Wages

D. Gorc	Sept. 22 - Sept. 25, 1986	$ 700.00	
S. Royea	Sept. 22 - Sept. 25, 1986	$ 340.00	
TOTAL WAGES			$1,040.00

Accomodation & Travel

4 wheel-drive truck (4 days)	$ 200.00	
Hotel	171.50	
Food	149.28	
TOTAL ACCOMODATION & TRAVEL		$ 520.78

Geochemical Costs

155 soil samples analysed for gold & 30 element ICP	$1,499.62

Miscellaneous Costs

Equipment, gasoline, supplies	$ 300.00	
Report, drafting	$ 300.00	
TOTAL MISCELLANEOUS		$ 600.00

Wages	$1,040.00
Accomodation & Travel	520.78
Geochemical	1,499.62
Miscellaneous	600.00
TOTAL COSTS	$3,660.40

APPENDIX I

Analytical Data

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

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 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.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 26 1986 DATE REPORT MAILED: Oct 1/86 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

IMPERIAL METALS PROJECT - 4109 FILE # 86-2902

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
PAR-86 001	1	12	9	34	.1	15	4	177	1.20	2	5	ND	11	15	1	2	2	10	.19	.013	28	9	.47	289	.02	3	1.41	.02	.08	1	6
PAR-86 002	1	13	10	35	.2	13	5	192	1.86	6	5	ND	7	9	1	2	2	19	.10	.328	15	10	.28	217	.07	6	2.34	.03	.07	1	1
PAR-86 003	1	4	5	27	.1	6	3	103	1.07	2	5	ND	6	5	1	2	2	10	.07	.030	24	8	.26	70	.02	3	.74	.01	.10	1	28
PAR-86 004	1	5	4	29	.1	7	4	127	1.19	3	5	ND	7	6	1	2	2	10	.06	.091	27	10	.34	119	.02	3	.90	.01	.06	1	1
PAR-86 005	1	3	2	25	.1	5	2	130	.82	4	5	ND	4	7	1	2	2	11	.11	.013	18	6	.21	109	.03	3	.52	.02	.05	1	6
PAR-86 006	1	7	9	46	.1	11	5	665	1.52	4	5	ND	6	13	1	2	2	17	.16	.102	20	8	.36	216	.05	5	1.33	.03	.08	1	1
PAR-86 007	1	9	9	27	.1	16	6	113	1.44	5	5	ND	5	23	1	2	2	19	.31	.021	14	9	.28	284	.07	5	2.38	.04	.08	1	1
PAR-86 008	1	8	9	32	.1	11	6	216	1.58	2	5	ND	8	9	1	2	2	14	.13	.014	28	10	.48	126	.04	5	1.20	.02	.07	1	1
PAR-86 009	1	6	8	26	.1	10	5	110	1.31	2	5	ND	5	12	1	2	2	13	.16	.012	22	10	.47	163	.03	4	1.38	.03	.07	1	2
PAR-86 010	1	21	14	41	.1	22	6	526	1.55	2	7	ND	10	25	1	2	2	12	.34	.028	41	12	.59	359	.02	5	2.09	.03	.11	1	4
PAR-86 011	1	7	12	25	.2	9	4	85	1.56	3	5	ND	3	16	1	2	2	25	.17	.020	6	8	.13	138	.12	6	2.33	.04	.05	1	3
PAR-86 012	1	11	10	47	.1	11	4	176	1.50	5	5	ND	6	13	1	2	2	16	.19	.026	21	10	.46	114	.05	4	1.17	.02	.06	2	1
PAR-86 013	1	8	15	58	.1	14	6	552	1.69	4	5	ND	4	15	1	2	2	25	.16	.128	8	11	.18	226	.12	7	2.28	.04	.07	1	3
PAR-86 014	1	22	13	39	.1	21	5	368	1.43	2	5	ND	9	25	1	2	2	11	.31	.031	37	12	.57	306	.02	4	1.90	.02	.10	1	2
PAR-86 015	1	11	14	56	.1	14	6	362	1.79	2	5	ND	4	18	1	2	2	25	.22	.117	8	7	.18	171	.13	7	2.84	.04	.06	1	1
PAR-86 016	1	8	12	39	.2	13	5	445	1.48	2	5	ND	4	20	1	2	2	20	.27	.072	11	9	.27	199	.09	6	2.02	.04	.07	1	2
PAR-86 017	1	10	12	50	.1	13	6	373	1.73	3	5	ND	3	16	1	2	2	25	.14	.094	5	7	.12	120	.15	8	3.04	.05	.05	3	1
PAR-86 018	1	16	7	40	.1	22	5	280	1.56	2	5	ND	9	13	1	2	2	15	.15	.022	30	13	.55	238	.04	7	2.12	.03	.10	1	1
PAR-86 019	1	20	14	40	.1	19	5	602	1.40	3	5	ND	9	18	1	2	2	11	.28	.031	32	11	.48	280	.02	4	1.64	.02	.10	1	2
PAR-86 020	1	9	11	56	.1	17	5	732	1.30	5	5	ND	3	22	1	2	2	17	.24	.277	10	8	.26	329	.07	5	1.96	.04	.07	1	1
PAR-86 021	1	10	8	27	.1	12	4	331	1.19	2	5	ND	8	10	1	2	2	8	.15	.032	28	8	.43	128	.02	4	1.04	.02	.05	1	15
PAR-86 022	1	15	18	52	.1	18	6	450	1.49	2	5	ND	6	15	1	2	2	16	.19	.043	22	14	.64	178	.03	4	1.77	.03	.10	1	4
PAR-86 023	1	27	12	54	.3	22	6	701	1.53	5	5	ND	8	26	1	2	2	12	.35	.043	31	11	.46	354	.03	6	1.98	.03	.10	1	11
PAR-86 024	1	9	6	43	.1	14	4	80	1.35	2	5	ND	9	6	1	2	3	10	.08	.031	39	14	.87	71	.01	5	1.13	.02	.06	1	26
PAR-86 025	1	18	14	37	.2	20	5	124	1.48	2	5	ND	11	16	1	2	2	12	.18	.019	30	12	.49	257	.02	5	2.06	.02	.12	1	11
PAR-86 026	1	11	10	35	.1	13	4	134	1.22	2	5	ND	7	8	1	2	2	10	.12	.029	32	8	.63	79	.02	4	1.09	.02	.06	1	3
PAR-86 027	1	10	9	34	.1	15	5	465	1.27	2	5	ND	8	13	1	2	2	12	.15	.026	25	7	.39	262	.02	4	1.61	.02	.08	1	9
PAR-86 028	1	10	5	35	.1	13	4	458	1.19	3	5	ND	8	15	1	2	2	9	.20	.023	33	7	.53	177	.02	4	1.17	.02	.08	1	4
PAR-86 029	1	6	8	41	.1	12	4	732	1.22	4	5	ND	6	6	1	2	2	13	.06	.051	22	8	.30	165	.03	4	1.37	.02	.09	1	1
PAR-86 030	1	9	4	27	.1	11	4	510	1.15	6	5	ND	7	9	1	2	2	7	.11	.021	30	6	.39	130	.02	3	.89	.01	.06	1	1
PAR-86 031	1	7	10	32	.1	11	4	291	1.24	2	5	ND	6	11	1	2	2	12	.11	.023	25	8	.33	170	.02	4	1.26	.02	.09	1	2
PAR-86 032	1	7	7	33	.1	13	4	237	1.23	2	5	ND	8	7	1	2	2	9	.08	.021	32	9	.50	146	.02	3	1.25	.02	.07	1	57
PAR-86 033	1	4	4	16	.1	5	2	107	.84	3	5	ND	6	4	1	2	2	5	.06	.018	24	5	.22	44	.01	3	.43	.01	.03	1	2
PAR-86 034	1	18	12	33	.1	16	4	203	1.54	2	5	ND	4	14	1	2	2	13	.18	.038	31	10	.36	220	.02	5	1.97	.02	.11	1	1
PAR-86 035	1	9	12	35	.1	13	6	478	1.42	2	5	ND	5	12	1	2	2	14	.11	.015	28	7	.34	229	.03	4	1.39	.02	.07	1	10
PAR-86 036	1	11	9	31	.1	16	5	340	1.39	3	5	ND	5	15	1	2	2	14	.16	.018	27	10	.37	289	.03	4	1.45	.02	.12	1	1
STD C/AU-S	21	58	40	133	7.0	67	28	1001	3.97	40	18	7	34	48	17	16	20	67	.48	.101	37	59	.88	180	.08	40	1.72	.09	.13	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 %	W PPM	Au* PPB
PAR-86 037	1	13	11	37	.2	16	4	266	1.39	2	5	ND	7	16	1	3	2	12	.16	.026	28	9	.36	247	.03	5	1.59	.02	.08	1	3
PAR-86 038	1	13	13	35	.1	14	4	704	1.14	2	5	ND	5	17	1	5	2	11	.13	.027	23	12	.34	239	.03	5	1.32	.02	.08	1	1
PAR-86 039	1	14	8	41	.1	15	4	218	1.81	4	5	ND	6	16	1	2	2	15	.16	.059	25	13	.33	246	.05	7	1.94	.03	.10	1	2
PAR-86 040	1	21	12	42	.2	21	5	579	1.38	3	5	ND	7	35	1	3	2	11	.37	.041	30	13	.42	403	.02	5	2.10	.02	.11	1	3
PAR-86 041	1	7	5	59	.1	13	4	421	1.28	3	5	ND	5	11	1	2	2	12	.14	.103	19	8	.27	178	.04	5	1.34	.02	.07	1	13
PAR-86 042	1	13	10	32	.1	15	5	728	1.28	2	5	ND	7	19	1	2	2	10	.19	.025	27	7	.38	313	.02	5	1.53	.02	.11	1	2
PAR-86 043	1	10	9	46	.2	14	4	1148	1.11	3	5	ND	4	18	1	2	2	11	.23	.071	16	8	.22	247	.04	5	1.15	.02	.07	1	1
PAR-86 044	1	14	12	29	.1	14	4	409	1.08	5	5	ND	6	21	1	2	2	7	.22	.029	31	8	.32	246	.02	4	1.04	.02	.08	1	1
PAR-86 045	1	18	20	40	.2	20	7	1261	1.46	2	5	ND	7	15	1	4	2	13	.15	.030	20	10	.35	319	.02	5	1.62	.02	.10	1	3
PAR-86 046	1	20	13	42	.1	20	6	457	1.62	2	5	ND	9	25	1	2	2	12	.24	.111	33	13	.48	348	.02	6	2.21	.02	.12	1	2
PAR-86 047	1	18	16	42	.1	16	6	608	1.45	4	5	ND	9	15	1	2	2	11	.14	.031	27	9	.42	232	.02	5	1.80	.02	.11	1	1
PAR-86 048	1	26	12	43	.2	27	5	630	1.72	2	5	ND	7	17	1	2	2	15	.19	.045	45	13	.37	349	.03	5	2.41	.02	.12	1	1
PAR-86 049	1	7	8	35	.1	9	4	149	1.03	4	5	ND	5	6	1	2	2	11	.05	.015	19	9	.29	103	.03	3	1.08	.02	.06	1	2
PAR-86 050	1	26	13	46	.1	18	5	153	1.53	2	5	ND	7	17	1	2	2	12	.20	.060	21	15	.42	324	.02	5	2.13	.02	.13	1	1
PAR-86 051	1	5	6	28	.1	7	3	328	.92	2	5	ND	6	6	1	2	2	7	.06	.016	25	6	.29	101	.02	3	.74	.01	.05	1	3
PAR-86 053	1	3	4	20	.1	5	2	94	.77	2	5	ND	6	5	1	2	2	5	.06	.013	24	5	.26	74	.01	2	.54	.01	.05	1	5
PAR-86 054	1	32	14	42	.1	24	7	420	1.63	2	5	ND	8	24	1	3	2	12	.27	.033	30	14	.48	370	.02	6	2.04	.02	.11	1	1
PAR-86 055	1	5	7	30	.1	8	3	132	1.05	2	5	ND	5	5	1	2	2	10	.04	.017	21	7	.30	80	.02	4	.85	.01	.06	1	1
PAR-86 056	1	8	11	50	.1	11	5	182	1.25	2	5	ND	4	24	1	2	2	10	.30	.076	18	9	.29	223	.03	4	1.11	.02	.06	1	1
PAR-86 057	1	10	13	36	.1	13	6	198	1.45	2	5	ND	5	7	1	2	2	17	.07	.023	15	11	.34	137	.04	5	1.60	.02	.08	1	3
PAR-86 058	1	5	12	37	.1	7	5	256	1.31	4	5	ND	3	20	1	2	2	11	.20	.270	12	6	.15	178	.04	5	1.35	.02	.05	1	1
PAR-86 059	1	8	11	34	.1	11	4	261	1.49	2	5	ND	4	10	1	2	2	19	.10	.161	6	6	.14	95	.12	5	2.89	.03	.04	1	1
PAR-86 060	1	8	6	31	.1	15	5	163	1.34	2	5	ND	6	7	1	3	2	10	.06	.050	25	8	.33	152	.03	4	1.49	.02	.06	1	2
PAR-86 061	1	6	8	37	.1	11	4	412	1.37	2	5	ND	5	7	1	2	2	17	.07	.109	12	6	.20	100	.08	5	1.76	.02	.06	1	1
PAR-86 062	1	5	9	27	.1	11	5	182	1.63	3	5	ND	5	12	1	2	2	16	.10	.077	14	10	.21	144	.05	5	2.17	.02	.06	1	17
PAR-86 063	1	12	10	37	.1	14	5	245	1.60	5	5	ND	5	8	1	2	2	23	.06	.116	7	7	.12	86	.13	5	3.07	.03	.05	1	1
PAR-86 064	1	9	10	28	.1	11	4	163	1.26	2	5	ND	6	12	1	2	2	11	.10	.021	26	7	.33	198	.02	4	1.46	.02	.06	1	2
PAR-86 065	1	12	11	33	.2	16	6	260	1.66	2	5	ND	5	15	1	2	2	21	.11	.083	11	9	.19	135	.11	5	2.62	.03	.06	1	1
PAR-86 066	1	7	8	34	.1	9	3	135	1.33	2	5	ND	5	9	1	2	2	11	.07	.082	20	8	.24	134	.03	4	1.23	.01	.05	1	2
PAR-86 067	1	3	4	24	.1	5	3	247	1.06	3	5	ND	4	4	1	2	2	11	.03	.020	15	6	.17	63	.03	3	.77	.01	.04	1	1
PAR-86 068	1	12	10	52	.1	15	5	156	1.69	2	5	ND	5	8	1	2	2	18	.06	.042	16	11	.37	151	.05	5	2.23	.02	.09	1	1
PAR-86 069	1	9	10	28	.1	9	4	173	1.32	4	5	ND	7	3	1	2	2	8	.03	.035	20	8	.33	60	.02	4	.88	.01	.04	1	29
PAR-86 070	1	13	13	40	.1	16	6	682	1.62	2	5	ND	6	6	1	2	2	16	.05	.060	17	10	.31	148	.05	5	2.24	.02	.08	1	1
PAR-86 071	1	5	5	28	.1	7	3	90	1.22	2	5	ND	5	2	1	2	2	8	.02	.055	17	6	.25	61	.02	4	.89	.01	.04	1	47
PAR-86 072	1	9	11	39	.1	10	3	106	1.46	4	5	ND	5	7	1	2	2	16	.07	.135	13	7	.18	112	.07	5	2.29	.02	.05	1	2
PAR-86 73S	1	4	7	24	.1	5	3	340	1.04	2	5	ND	5	3	1	4	2	6	.03	.037	20	5	.27	72	.01	3	.66	.01	.05	1	1
STD C/AU-S	21	59	37	135	7.2	68	28	1019	3.99	42	17	7	35	49	18	15	18	65	.48	.103	38	61	.88	184	.08	39	1.72	.09	.14	13	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
PAR-86 074S	1	11	11	52	.2	15	5	727	1.68	3	5	ND	5	9	1	2	2	21	.08	.143	11	9	.19	159	.06	4	2.35	.02	.07	1	2
PAR-86 75S	1	5	6	32	.1	9	4	330	1.23	2	5	ND	4	4	1	3	2	13	.04	.044	15	10	.24	105	.03	3	1.20	.01	.05	1	3
PAR-86 76S	1	7	10	34	.1	11	3	128	1.42	3	5	ND	4	8	1	2	2	14	.08	.025	16	8	.22	110	.04	3	1.48	.02	.05	1	1
PAR-86 77S	1	7	5	32	.1	8	3	110	.99	2	8	ND	6	5	1	2	2	7	.04	.013	22	6	.41	111	.01	2	.89	.01	.05	1	2
PAR-86 78S	1	10	7	33	.1	13	5	316	1.42	2	5	ND	7	9	1	2	2	12	.07	.018	22	9	.38	197	.02	3	1.61	.01	.06	1	3
PAR-86 79S	1	9	9	41	.1	11	3	80	1.26	2	5	ND	5	7	1	2	2	13	.07	.014	16	10	.37	147	.03	2	1.30	.02	.05	1	6
PAR-86 80S	1	14	13	34	.2	13	5	197	1.45	2	5	ND	6	13	1	2	2	12	.10	.023	27	9	.36	223	.02	2	1.79	.02	.06	1	3
PAR-86 81S	1	14	14	49	.1	14	5	198	1.69	3	5	ND	6	6	1	2	2	17	.06	.050	15	10	.42	143	.03	3	2.03	.02	.09	1	2
PAR-86 82S	1	11	8	28	.1	11	4	164	1.10	2	6	ND	5	9	1	2	2	8	.08	.023	22	8	.32	128	.02	2	1.18	.01	.05	1	1
PAR-86 83S	1	10	8	32	.1	9	3	157	1.15	2	5	ND	6	6	1	2	2	10	.05	.015	21	7	.41	94	.02	3	1.04	.01	.07	1	1
PAR-86 84S	1	16	19	37	.2	17	8	595	1.75	2	5	ND	8	16	1	2	3	14	.13	.029	24	11	.39	251	.03	3	2.25	.02	.06	1	1
PAR-86 85S	1	6	7	36	.1	9	4	131	1.36	2	5	ND	5	7	1	2	2	14	.07	.087	16	7	.26	102	.04	4	1.59	.02	.06	1	1
PAR-86 86S	1	14	12	35	.1	14	7	411	1.43	5	5	ND	6	13	1	2	3	12	.11	.030	23	7	.36	197	.02	2	1.80	.02	.05	2	3
PAR-86 87S	1	4	7	27	.1	7	3	61	1.26	2	5	ND	6	3	1	2	2	10	.03	.027	22	7	.26	72	.02	2	.98	.01	.04	1	3
PAR-86 88S	1	9	10	28	.1	10	3	72	1.28	5	5	ND	5	8	1	2	2	14	.06	.018	17	8	.31	127	.02	3	1.56	.01	.06	1	2
PAR-86 89S	1	4	5	26	.1	6	3	142	1.13	2	5	ND	6	4	1	2	3	7	.05	.021	25	7	.32	53	.01	2	.69	.01	.05	1	4
PAR-86 090	1	11	12	28	.1	11	4	242	1.07	5	5	ND	5	15	1	3	2	9	.14	.017	23	8	.31	188	.02	3	1.23	.01	.06	1	2
PAR-86 091	1	6	8	27	.1	8	4	242	1.26	2	6	ND	7	5	1	2	2	11	.07	.042	19	8	.36	53	.02	2	.79	.01	.04	1	1
PAR-86 092	1	4	3	47	.1	12	5	168	1.45	3	6	ND	6	8	1	4	3	11	.11	.105	17	11	.54	101	.03	3	1.19	.02	.06	1	1
PAR-86 093	1	5	8	61	.2	12	5	885	1.35	3	5	ND	5	14	1	2	2	15	.15	.129	12	10	.31	343	.04	4	1.38	.02	.10	1	3
PAR-86 094	1	7	8	43	.1	12	4	122	1.46	2	5	ND	7	5	1	2	2	13	.06	.030	19	8	.40	98	.03	3	1.33	.02	.06	1	2
PAR-86 095	1	14	7	49	.1	23	5	234	1.66	2	5	ND	10	8	1	4	2	12	.11	.014	24	9	.53	184	.03	4	1.46	.02	.07	2	160
PAR-86 096	1	13	11	48	.1	31	6	120	1.54	4	5	ND	4	16	1	2	2	16	.16	.053	11	8	.34	356	.05	4	2.13	.03	.07	2	3
PAR-86 097	1	6	8	44	.1	16	4	133	1.32	2	5	ND	6	7	1	2	2	11	.10	.037	20	10	.41	131	.02	2	1.27	.02	.07	1	25
PAR-86 098	1	6	5	60	.1	16	4	329	1.26	4	5	ND	5	12	1	2	2	12	.16	.134	15	8	.37	209	.04	4	1.33	.02	.06	1	4
PAR-86 099	1	5	8	51	.1	16	4	268	1.25	2	5	ND	4	10	1	2	3	15	.11	.068	11	8	.27	149	.05	3	1.39	.02	.07	1	19
PAR-86 100	1	5	5	31	.1	11	3	73	1.25	4	5	ND	6	4	1	2	2	9	.06	.023	19	8	.35	81	.02	3	.76	.01	.04	1	7
PAR-86 101	1	6	9	39	.1	14	4	256	1.19	6	5	ND	3	13	1	2	2	16	.14	.115	7	7	.17	127	.07	4	1.51	.02	.06	1	4
PAR-86 102	1	6	10	39	.1	15	4	107	1.35	4	5	ND	4	8	1	2	2	15	.07	.083	12	6	.27	117	.05	3	1.42	.02	.05	1	3
PAR-86 103	1	7	11	34	.1	14	5	370	1.51	5	5	ND	3	12	1	2	2	21	.11	.173	5	6	.13	115	.10	3	2.07	.03	.05	1	3
PAR-86 104	1	14	8	41	.1	18	4	114	1.16	3	5	ND	4	7	1	2	2	15	.08	.017	13	8	.31	130	.03	3	1.19	.02	.05	2	35
PAR-86 105	1	10	13	46	.1	30	5	286	1.47	3	5	ND	5	11	1	2	2	18	.11	.098	9	7	.23	176	.06	3	1.99	.02	.07	2	4
PAR-86 106	1	15	13	48	.1	40	8	304	2.28	7	5	ND	9	8	1	4	2	23	.06	.185	5	10	.24	253	.10	4	3.73	.03	.08	2	3
PAR-86 107	1	9	10	31	.1	15	4	118	1.26	3	5	ND	5	10	1	2	2	14	.09	.016	16	10	.34	140	.04	3	1.50	.02	.06	1	9
PAR-86 108	1	7	11	28	.1	16	4	231	1.46	2	5	ND	6	8	1	2	2	14	.07	.063	15	8	.27	142	.04	5	1.72	.02	.06	1	104
PAR-86 109	1	6	5	30	.1	12	3	130	1.09	3	5	ND	5	6	1	2	2	12	.05	.010	16	10	.29	113	.03	2	1.26	.02	.07	1	2
STD C/AU-S	20	57	38	132	7.0	66	27	993	3.96	39	17	7	34	47	17	17	19	66	.48	.102	33	58	.88	177	.08	36	1.73	.08	.13	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
PAR-86 110	1	14	9	40	.1	32	5	124	2.01	2	5	ND	6	7	1	2	2	22	.06	.023	14	13	.32	130	.07	3	2.73	.02	.08	1	1
PAR-86 111	1	8	6	27	.1	10	3	60	1.19	2	5	ND	6	5	1	2	2	11	.05	.010	25	10	.38	93	.02	2	1.01	.02	.06	1	2
PAR-86 112	1	8	10	50	.2	20	5	134	1.92	2	5	ND	4	8	1	3	2	26	.07	.104	7	7	.17	107	.10	3	2.77	.02	.04	1	1
PAR-86 113	1	7	11	46	.1	13	5	172	1.45	3	5	ND	5	6	1	2	2	19	.06	.031	16	10	.24	103	.06	4	1.65	.02	.05	1	2
PAR-86 114	1	5	9	35	.1	10	4	160	1.30	2	5	ND	7	4	1	2	2	11	.04	.027	25	9	.35	90	.03	3	1.11	.01	.05	1	1
PAR-86 115	1	6	9	60	.1	14	5	767	1.56	6	5	ND	4	8	1	2	2	24	.08	.088	10	8	.17	104	.10	3	2.03	.02	.07	1	2
PAR-86 116	1	5	9	59	.1	11	4	356	1.43	3	5	ND	6	5	1	2	2	17	.05	.035	18	9	.24	107	.05	3	1.48	.02	.05	1	1
PAR-86 117	1	8	9	50	.1	14	4	127	1.32	2	5	ND	5	9	1	2	2	16	.07	.037	16	7	.23	127	.07	3	1.57	.02	.04	2	1
PAR-86 118	1	5	12	53	.1	11	4	248	1.34	2	5	ND	5	4	1	2	2	16	.04	.033	20	8	.21	85	.04	2	1.27	.01	.05	1	2
PAR-86 119	1	5	8	60	.1	8	4	512	1.19	3	5	ND	4	6	1	2	2	16	.06	.065	14	8	.15	94	.06	3	1.31	.02	.05	1	1
PAR-86 120	1	9	8	35	.1	13	4	261	1.22	2	5	ND	4	9	1	2	2	16	.08	.014	21	10	.38	177	.03	2	1.65	.02	.07	1	3
PAR-86 121	1	9	8	35	.1	13	4	289	1.05	2	5	ND	6	12	1	2	2	13	.11	.013	26	9	.41	209	.03	2	1.68	.02	.08	1	1
PAR-86 122	1	10	9	29	.1	11	3	51	.77	2	5	ND	9	6	1	2	2	7	.05	.010	30	9	.39	125	.03	2	1.17	.02	.08	1	1
PAR-86 123	1	8	11	37	.1	11	4	283	1.10	2	5	ND	6	9	1	4	2	13	.07	.010	23	10	.32	148	.03	2	1.47	.02	.06	1	1
PAR-86 124	1	12	11	41	.1	10	5	150	1.59	4	6	ND	9	5	1	2	2	15	.09	.030	24	10	.51	54	.04	4	1.07	.02	.06	1	1
PAR-86 125	1	10	12	61	.2	13	5	446	1.65	2	5	ND	4	11	1	2	2	23	.13	.141	7	8	.21	115	.11	4	2.68	.03	.07	1	1
PAR-86 126	1	9	9	30	.1	9	4	92	1.40	3	6	ND	5	2	1	2	2	8	.04	.016	23	7	.46	45	.02	2	.75	.01	.04	1	83
PAR-86 127	1	7	6	45	.1	10	4	114	1.25	4	5	ND	5	5	1	2	2	12	.06	.039	16	7	.34	60	.04	2	1.11	.01	.05	1	7
PAR-86 128	1	7	28	123	.1	14	5	354	1.81	6	5	ND	5	10	1	2	2	19	.14	.035	17	10	.42	90	.06	3	1.71	.02	.09	1	1
PAR-86 129	1	9	28	174	.2	17	5	159	1.84	10	5	ND	5	11	1	2	3	19	.13	.045	14	10	.40	116	.08	4	2.29	.03	.07	1	7
PAR-86 130	1	8	24	108	.2	16	5	173	1.68	6	5	ND	5	12	1	3	2	21	.15	.059	9	11	.30	75	.10	5	2.34	.03	.08	1	1
PAR-86 131	1	5	8	130	.1	15	5	312	1.52	5	5	ND	5	10	1	2	2	18	.14	.037	17	8	.29	101	.07	3	1.78	.03	.09	1	1
PAR-86 132	1	5	9	39	.1	12	4	105	1.27	2	5	ND	5	9	1	3	2	14	.11	.047	18	6	.22	102	.04	2	1.25	.02	.06	1	1
PAR-86 133	1	8	13	46	.1	20	6	163	1.88	3	5	ND	5	10	1	2	2	25	.09	.071	8	10	.19	111	.11	4	2.69	.03	.06	1	610
PAR-86 134	1	12	10	49	.1	23	5	368	1.60	5	5	ND	5	19	1	2	2	21	.18	.102	10	8	.16	141	.13	5	2.69	.04	.05	2	1
PAR-86 135	1	6	10	41	.1	15	5	321	1.47	3	5	ND	7	8	1	2	2	14	.09	.040	24	8	.28	127	.03	4	1.26	.01	.08	1	1
PAR-86 136	1	8	8	52	.1	14	5	733	1.37	6	5	ND	4	12	1	2	2	19	.13	.073	12	9	.29	167	.06	5	1.90	.04	.15	1	1
PAR-86 137	1	18	10	36	.1	22	6	147	1.76	4	5	ND	5	19	1	2	2	25	.18	.204	5	7	.12	123	.18	4	3.98	.05	.05	1	1
PAR-86 138	2	13	28	156	.2	19	8	4406	1.68	8	5	ND	6	61	1	3	2	19	.54	.191	19	10	.26	1089	.09	6	2.30	.04	.16	1	2
PAR-86 139	1	9	17	87	.2	17	7	851	1.53	4	5	ND	9	16	1	2	2	15	.18	.072	24	10	.28	466	.06	4	1.89	.02	.13	1	3
PAR-86 140	1	7	10	57	.1	16	6	468	1.69	4	5	ND	10	7	1	2	2	15	.07	.027	29	10	.37	275	.03	3	1.64	.01	.11	1	7
PAR-86 141	1	8	9	72	.1	22	5	444	1.39	2	5	ND	4	13	1	2	3	18	.13	.059	12	8	.22	238	.09	3	1.73	.03	.09	1	1
PAR-86 142	1	37	11	92	.2	21	5	438	1.48	2	5	ND	5	13	1	2	2	21	.13	.101	9	10	.19	228	.11	4	2.18	.04	.07	1	1
PAR-86 143	1	39	9	72	.2	18	5	563	1.69	4	5	ND	6	18	1	5	2	23	.17	.102	10	6	.19	231	.14	3	3.02	.05	.07	1	1
PAR-86 144	1	7	9	86	.1	20	5	518	1.41	5	5	ND	4	12	1	2	2	20	.12	.089	11	8	.22	161	.10	3	1.95	.03	.07	1	2
PAR-86 145	1	7	9	84	.1	18	4	516	1.32	2	5	ND	3	11	1	2	2	20	.10	.088	5	6	.13	156	.12	3	2.42	.03	.06	1	1
STD C/AU-S	20	57	35	131	6.8	67	27	975	3.97	36	17	7	34	46	17	15	19	65	.48	.100	35	57	.88	174	.08	35	1.73	.08	.13	13	53

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
PAR-86 146	1	9	7	64	.1	17	4	464	1.25	2	5	ND	5	10	1	2	2	16	.11	.046	15	8	.25	175	.08	5	1.66	.03	.06	1	2
PAR-86 147	1	8	11	60	.1	17	5	250	1.51	2	5	ND	5	11	1	2	2	19	.12	.072	10	6	.23	193	.09	6	2.23	.03	.06	1	1
PAR-86 148	2	14	9	46	.1	18	5	324	1.68	8	5	ND	5	12	1	6	2	26	.10	.093	4	6	.14	131	.16	7	3.67	.04	.03	2	1
PAR-86 149	1	9	10	48	.1	19	5	460	1.26	4	5	ND	4	10	1	2	2	19	.11	.015	15	9	.35	357	.04	5	1.58	.03	.08	1	1
PAR-86 150	1	7	8	61	.1	16	5	652	1.43	2	5	ND	6	7	1	2	2	16	.07	.044	20	8	.33	221	.06	4	1.77	.02	.07	1	1
PAR-86 151	1	8	9	70	.1	14	5	832	1.68	2	5	ND	6	7	1	2	2	21	.06	.039	19	10	.31	191	.07	6	2.03	.02	.07	1	7
PAR-86 152	2	12	14	61	.1	14	5	622	1.73	7	5	ND	6	9	1	3	2	24	.07	.062	11	7	.25	164	.11	6	2.94	.03	.05	1	1
PAR-86 153	1	14	11	82	.1	19	6	500	1.86	5	5	ND	5	15	1	2	2	28	.14	.088	6	8	.20	181	.18	7	3.88	.04	.05	1	1
PAR-86 154	2	9	10	72	.1	15	5	515	1.63	4	5	ND	5	8	1	2	2	22	.07	.040	13	11	.28	181	.08	5	2.32	.02	.06	1	4
PAR-86 155	1	7	13	98	.1	22	5	1089	1.47	4	5	ND	4	12	1	2	2	25	.13	.038	12	10	.20	204	.10	5	1.71	.03	.07	1	1
PAR-86 156	1	13	10	56	.1	19	4	648	1.76	2	5	ND	5	12	1	4	2	28	.11	.165	2	6	.10	112	.19	5	4.38	.04	.03	1	2

PARIS 1

PARIS 2

Par-86-89 4 3 1
Par-86-90 2 2 3 1
Par-86-79 6 2 3 2 1
Par-86-80 3 3 2 1
Par-86-69 47 29 1
Par-86-70 1 2 2 2 1
Par-86-59 1 1 1 3 1
Par-86-60 1 2 17 1
Par-86-49 5 3 2 1
Par-86-50 NS 1 2 1
Par-86-39 3 2 13 2
Par-86-40 1 2 3 2 1
Par-86-29 10 3 1 2
Par-86-30 57 1 2 9
Par-86-19 11 15 2 1
Par-86-20 26 4 1 2
Par-86-9 3 2 1
Par-86-10 4 1 6 28 6
Par-86-120 1 1 3
Par-86-115 2 1 2
Par-86-110 2 1 2 1
Par-86-105 2 104 9 3 4 35
Par-86-100 3 3 4 7 19 4 25
Par-86-95 3 60 2 3 1
Par-86-155 2 4 1
Par-86-150 7 1 1
Par-86-145 2 1 2 1
Par-86-140 1 3 2 1
Par-86-135 1 610 1 1
Par-86-130 1 7 1 7
Par-86-125 83 1

Paisley

Perry Creek

Paris Creek

France Creek

Dublin Creek

Perry Creek

London Creek

Glasgow Creek

N

LEGEND

- ⊠ Claim Post
- Claim Boundary
- Creek
- Road
- Sample Number ● Au (ppb) Geochemistry - Soil

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,648

IMPERIAL METALS CORPORATION

PARIS CLAIMS

FIGURE 4 N.T.S. 82F/9E

GEOCHEMISTRY: Au

Metres 100 0 100 200 300 400 Metres

SCALE: 1:5000	GEOLOGIST: D. GORC
DATE: DECEMBER 1986	DRAWN BY: S. HAWORTH