GEOLOGICAL AND GEOCHEMICAL REPORT

JAMBOREE 1-4, 18 MINERAL CLAIMS

JAMBOREE PROPERTY

CARIBOO MINING DIVISION

NTS 93A/7W

LATITUDE 52 15' W
LONGITUDE 122 50' W

for

IMPERIAL METALS CORPORATION

DENNIS GORC
OCTOBER 1990
VANCOUVER, B.C.

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1.0 INTRODUCTION

In June 1990 a geological and soil geochemical program was completed on the Jamboree 1-4 and 18 mineral claims. Aim of the program was to examine the geological units traversing this portion of the property as well as types of alteration and mineralization. Soil samples were also taken in areas in which only sparse sampling had previously been completed.

2.0 CLAIM DATA

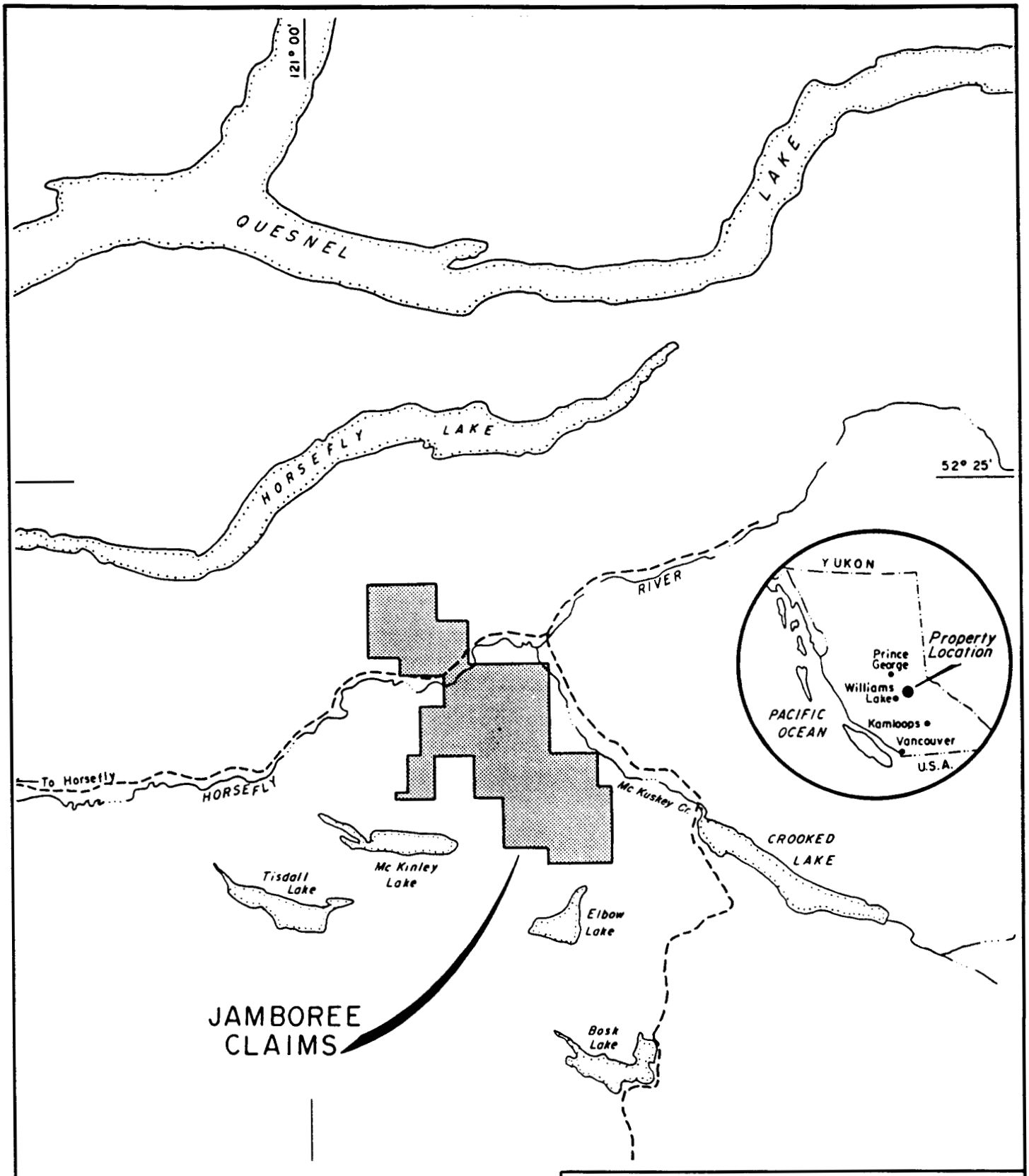
The Jamboree claim block consists of 18 modified grid claims totalling 290 units. These claims are listed as owned by Imperial Metals Corporation, but are subject to an agreement including E & B Exploration Inc., Geomex Development Inc., Ruanco Enterprises Ltd., and International Display Corporation. E & B Exploration Inc. is managed by Corona Corporation.

As of June 24, 1988 the Jamboree property has been divided into the following groups for assessment purposes:

Group 1	Claim Name	# of Units
	Jamboree 1	20
	Jamboree 2	20
	Jamboree 3	20
	Jamboree 4	20
	Jamboree 18	20
		100 units

Group 2	Claim Name	# of Units
	Jamboree 5	20
	Jamboree 6	8
	Jamboree 12	9
	Jamboree 13	9
	Jamboree 14	9
	Jamboree 15	20
	Jamboree 16	9
	Jamboree 17	8
		92 units

Group 3	Claim Name	# of Units
	Jamboree 7	20
	Jamboree 8	20
	Jamboree 9	20
	Jamboree 10	20
	Jamboree 11	20
		100 units



IMPERIAL METALS CORPORATION

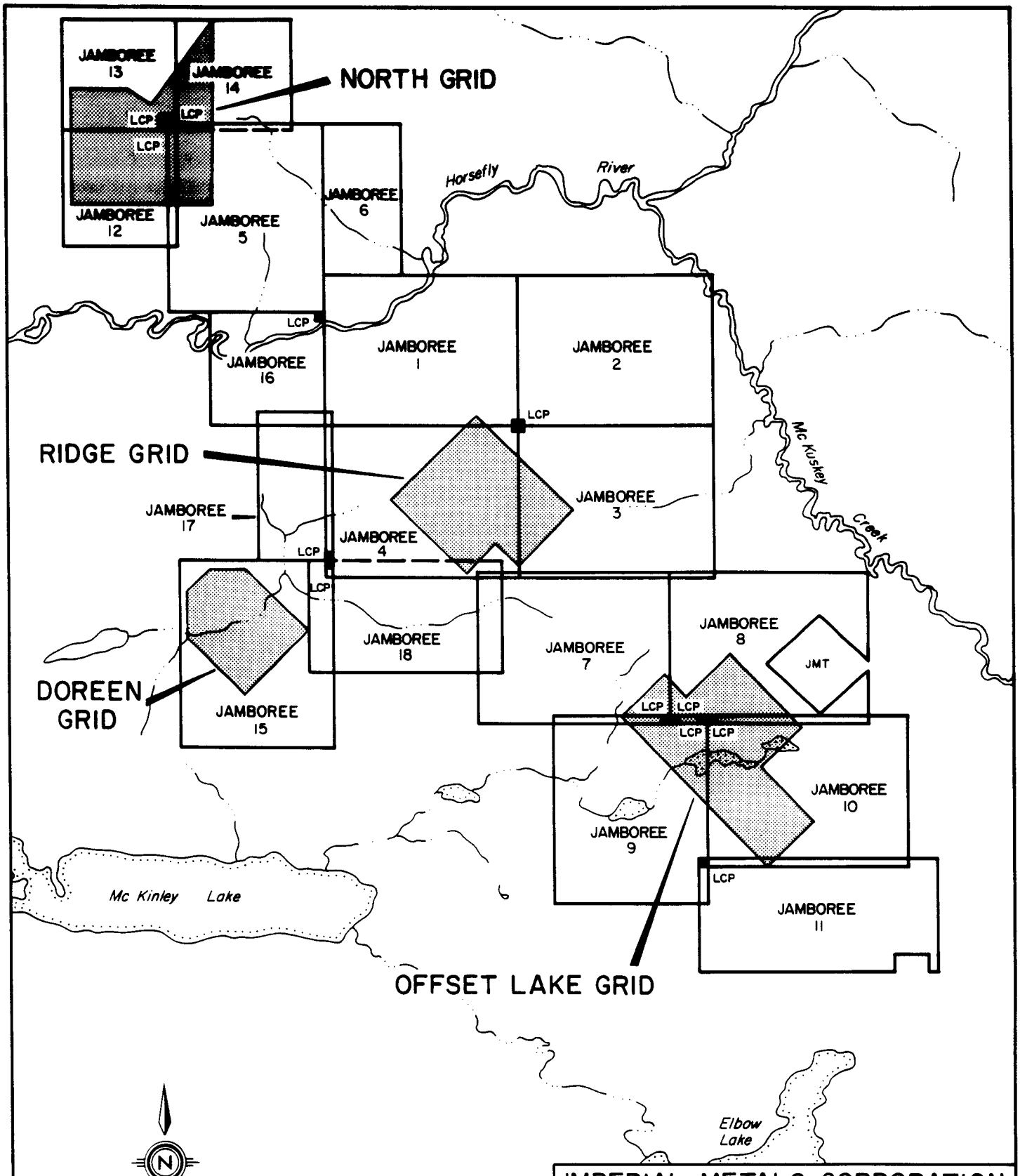
JAMBOREE

FIGURE 1 N.T.S. 93A 7W

LOCATION MAP

km 0 5 10 15 km

SCALE: 1:250,000	GEOLOGIST: D. GORC
DATE: SEPTEMBER, 1988	DRAWN BY: J. CORKUM



IMPERIAL METALS CORPORATION

JAMBOREE

FIGURE 2 N.T.S. 93A 7W

CLAIM MAP

km 0 1 2 3 4 km

SCALE: AS SHOWN	GEOLOGIST: D. GORC
DATE: JANUARY, 1989	DRAWN BY: J. CORKUM

TABLE 1 - CLAIM DATA

Name	Units	Record No.	Record Date
Jamboree 1	20	3783 (6)	24/06/81
Jamboree 2	20	3784 (6)	24/06/81
Jamboree 3	20	3785 (6)	24/06/81
Jamboree 4	20	3786 (6)	24/06/81
Jamboree 5	20	3787 (6)	24/06/81
Jamboree 6	8	3788 (6)	24/06/81
Jamboree 7	20	4176 (11)	26/11/81
Jamboree 8	20	4177 (11)	26/11/81
Jamboree 9	20	4178 (11)	26/11/81
Jamboree 10	20	4185 (11)	26/11/81
Jamboree 11	18	4179 (11)	26/11/81
Jamboree 12	9	4180 (11)	26/11/81
Jamboree 13	9	4181 (11)	26/11/81
Jamboree 14	9	4186 (11)	26/11/81
Jamboree 15	20	4182 (11)	26/11/81
Jamboree 16	9	4183 (11)	26/11/81
Jamboree 17	8	4184 (11)	26/11/81
Jamboree 18	20	4353 (7)	12/07/82

3.0 LOCATION, ACCESS AND TOPOGRAPHY

The Jamboree property is situated approximately 85 km east of Williams Lake, B.C. in the Cariboo Mining Division. The claims straddle the Horsefly River near its junction with McKusky Creek. The latitude is 52°15'N and longitude is 120°50'W on NTS map sheet 93A/7W.

Access is by an all-weather logging road from the town of Horsefly, 20 km to the west. Secondary logging roads provide good access to peripheral areas of the claims, including the North Grid and Offset Grid areas. In 1989 and 1990 new logging roads have been cleared on the Jamboree 1-4, 18 claim area. A road extends into the Ridge area although the road was not passable in 1990.

The Jamboree claims are located in the western foothills of the Cariboo Mountains. Elevations range between 900 meters on the Horsefly River to 1700 meters on the Ridge area in the central portion of the claim group. Much of the lower areas have been logged providing good exposure while the mature forests on the upper mountain slopes allow good walking. The central Ridge Area is relatively flat with several marshes and swamps among large stands of evergreen.

4.0 EXPLORATION HISTORY

The Jamboree claims 1-6 were staked in June, 1981 in response to the release of geochemical data by the British Columbia Government indicating the area was anomalous in arsenic. The Jamboree 7-17 claims were staked in October, 1981 after additional soil and silt sampling was carried out in the region. The Jamboree 18 claim was staked in July, 1982 to fill in open ground between Jamboree 7 and 15.

The 1982 exploration program began with the establishment of a geochemical sampling grid on the central area of the claim block. Reconnaissance lines were run elsewhere. Results were encouraging with several gold-arsenic anomalies outlined. One rock sample from outcrop in the Doreen Lake area assayed 0.121 oz/ton Au over 1 meter.

In 1983 the geochemical grid was expanded to cover a much larger portion of the claim group. The original grid's baseline was extended to the Horsefly River in the northwest and to the Jamboree 11 claim in the southeast corner of the claim block.

A program of soil and rock geochemical sampling and geological mapping was carried out. A total of 1760 soil samples were taken of which 103 returned gold values of greater than 25 ppb. The maximum value obtained was 5250 ppb Au. Over the course of geological mapping 230 rock chip samples were taken and geochemically analysed.

During July 1983 an airborne magnetometer and EM survey was completed. Results of this initial phase of exploration outlined three major target areas warranting further exploration. A trenching and subsequent rotary/ percussion drilling program was carried out on the Doreen Creek area (Jamboree 15 claim block) and the Offset Lake area (Jamboree 8 and 10). This phase of exploration yielded encouraging results including two trench samples at Doreen Lake which ran 0.145 and 0.118 oz/t Au over 2 meters. The third exploration target outlined was the Ridge area which includes most of Jamboree 1, 3, 4 and 7 claims. In the Ridge area geochemical soil sampling outlined several areas of anomalous gold and arsenic. A large soil anomaly along a creek on the north-central area of Jamboree 4 also yielded high Au values from outcrop exposed along the canyon walls.

In June 1987 a VLF electromagnetic and magnetometer survey was completed along 17 kilometers of new grid on the above Ridge area. In addition, 639 soil samples and 31 rock samples were collected.

In October 1987 grids were completed in the Offset Lake and North Horsefly areas. A total of 385 soil samples were taken on the North Grid and outlined several weak gold anomalies.

A total of 562 soil samples were taken on the Offset Grid. Results from the soil sampling defined soil anomalies for gold, copper, arsenic, nickel and chromium.

In 1988 induced polarization surveys were completed over the Ridge, Doreen and Offset target areas. Several anomalous zones were outlined. In addition four diamond drill holes (417.5 m) tested geophysical/ geochemical targets on the Doreen and Offset target areas. Two drill holes (320 m) in the Offset target area returned a high of 880 ppb Au over 2.1 m from a chloritized fault zone.

Two diamond drill holes (194.1 m) completed on the Doreen grid returned a high of 610 ppb Au over 1.4 m.

5.0 REGIONAL GEOLOGY

The Jamboree property lies near the boundary between the Intermontane and Omineca Belts within the Quesnel Terrane of the Intermontane Belt. The Quesnel Terrane is comprised of a Mesozoic island arc assemblage of volcanic and sedimentary rocks which form a narrow NW-SE belt extending nearly the length of the province.

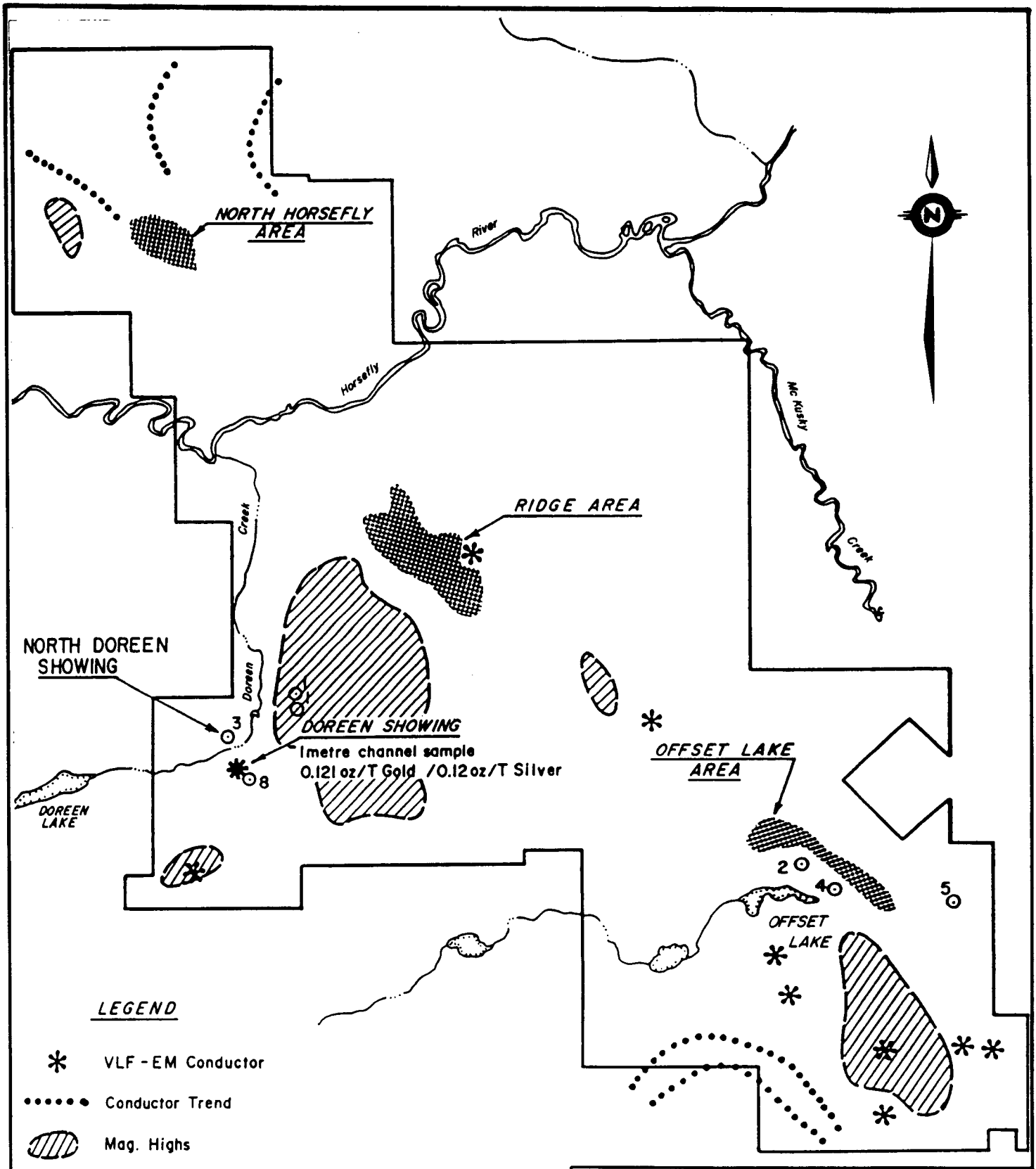
In the vicinity of the Jamboree property the rocks of the Quesnel Terrane have been labelled the Quesnel River Group and consisted on a basal black argillite phyllite unit overlain by interbedded volcaniclastics, argillites and augite porphyry flows and breccias. These rocks are bounded to the east by the Eureka thrust which marks the boundary with the Barkerville Terrane of the Omineca Belt. The Quesnel Terrane is bounded to the east by the Pinchi Fault and the Cache Creek Group.

The Quesnel Terrane is characterized by mid Jurassic alkalic intrusives which range from syenogabbro to alkalic syenite in composition. In the vicinity of the Jamboree property these intrusive are 175-201 Ma in age and form small plugs and stocks up to a few kilometres in diameter. The intrusives are believed to be cogenetic with the volcanics. Copper-gold and gold-copper mineralization including the Mount Polley and QR deposits are believed to be associated with these intrusives.

This portion of the Quesnel Terrane has been folded into a broad northwest trending syndine which has been extensively block faulted. Three sets of faults have been determined including northwest, northeast and north-south with the northwest set as oldest and north-south set as youngest.

6.0 ECONOMIC GEOLOGY

Several significant deposits have been discovered within the Quesnel Terrane in the vicinity of the Jamboree property, including the Mount Polley, QR and Frasergold deposits. These deposits can be divided into three deposit types:



AFTER E & B EXPLORATIONS INC., JULY 1987

IMPERIAL METALS CORPORATION

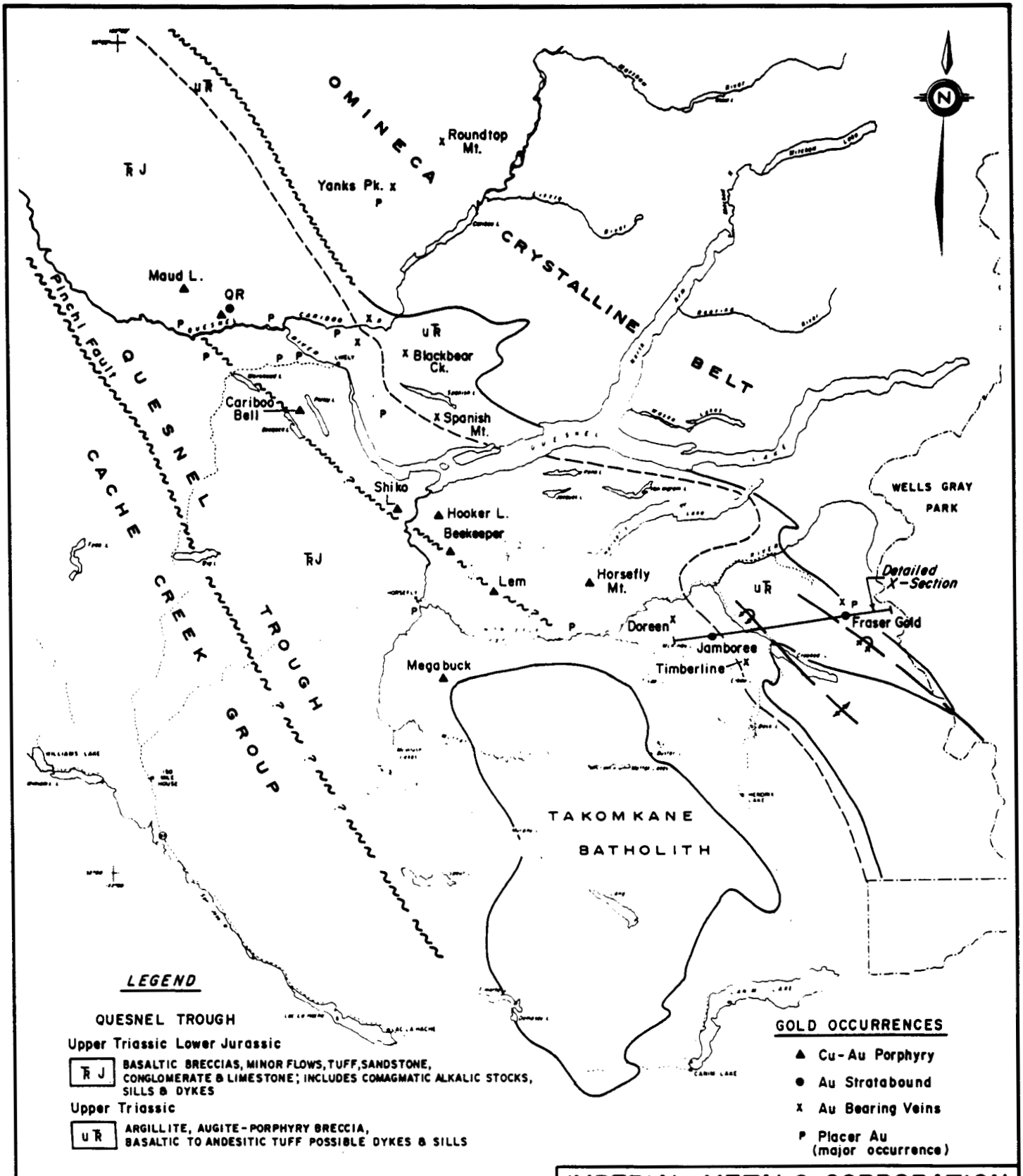
JAMBOREE

FIGURE 3 N.T.S. 93A/7W

EXPLORATION HISTORY COMPILATION

km 0 1 2 3 km

SCALE: 1:60 000	GEOLOGIST: D. GORC
DATE: JANUARY, 1988	DRAWN BY: J. CORKUM



IMPERIAL METALS CORPORATION

JAMBOREE

FIGURE 4 N.T.S. 93A/7W

REGIONAL GEOLOGY

km 0 10 20 30 40 km

SCALE: AS SHOWN	GEOLOGIST: D. GORC
DATE: JANUARY, 1988	DRAWN BY: J. CORKUM

AFTER WESTERN MINER, APRIL 1984

a) Alkalic porphyry Copper-Gold (Mount Polley)

A series of Jurassic magnetite-rich intrusive stocks ranging in composition from syenogabbro to syenite in composition intrude the Quesnel Terrane in this region. Copper-gold mineralization has been discovered associated with these intrusives. The most important discovery of this type has been the Mount Polley deposit (53,760,000 tons of 0.38% Cu, 0.016 oz/ton Au). Similar mineralization have been found near the Lemon Lake, Kuwun Lake and Shiko Lake stocks.

b) Gold Deposits Associated With Pyritic-Propylitic Alteration Zones (QR Deposit)

Gold mineralization associated with pyritic propylitic alteration zones adjacent to a Jurassic stock have been outlined on the QR property (1.5 million tonnes 5.09 gr/tonne).

The deposit is semi-conformable and is partially controlled by a siltstone-basalt contact. The rocks hosting the mineralization are propylitzed containing variable pyrite and chlorite. The most favorable horizons also appear to be carbonate-rich. It is unclear if there is much carbonate alteration associated with the main mineralizing event. The gold occurs along pyrite, chalcopyrite grain boundaries. Pyrite is the most common sulphide with lesser pyrrhotite, chalcopyrite, arsenopyrite and galena.

Soil sampling over the deposit has indicated anomalous Au, As, Cu, Fe, Co, Sb, Zn, V, Mo values associated with the mineralization although glaciation has often displaced the anomalies.

Au - 20-300 ppb -- peak 300 ppb
As - 50-300 ppm -- some values greater than 300 ppm
Mo > 6 ppm
Fe > 4.5%
Co >25
Sb > 6 ppm
Zn > 150 ppm
Mg > 0.9%
V > 135 ppm

c) Gold-Quartz Veins in Black Argillite-Phyllite (Frasergold)

Upper Triassic black argillites and phyllites near the eastern boundary of the Quesnel terrane host gold-quartz veins. The most significant occurrence of this type is the Frasergold deposit near the McKay River (11 million tons 0.04-0.5 oz/ton Au). At Frasergold semi-conformable gold mineralization was discovered along a porphyroblastic phyllitic unit. Thin discontinuous quartz veins and disseminated pyrite, pyrrhotite and chalcopyrite are both associated with the gold mineralization. The mineralization is interpreted as syngenitic later remobilized by regional metamorphism.

7.0 PROPERTY GEOLOGY

The Jamboree Property is underlain by sediments, tuffs and volcanic breccias of the Upper Triassic-Lower Jurrassic Quesnel River Group. These rocks strike northwesterly and have an apparent moderate dip to the north east. The current structural interpretation of the area is that this volcaniclastic sequence is the overturned western limb of a north-west trending antiform with strata that are progressively younger towards the west.

7.1 Unit 1 - Argillite-Phyllite

The eastern portion of the property is underlain by a sequence of black argillite and phyllite with minor phyllitic tuff. The Quesnel-Barkerville Terrane boundary is marked by increased metamorphism which has converted the argillite and tuffs of much of the lowermost member of the Quesnel Terrane to phyllite. This metamorphism does not appear to extend more than 10 km from the boundary and its effects are felt on just the easternmost portion of the Jamboree property.

7.2 Unit 2 - Andesite Breccia

An andesite breccia unit overlies Unit 1 and forms a resistive ridge through much of the property. The unit is characterized by angular clasts up to 40 cm across. These clasts consist largely of porphyritic andesite characterized by hornblende phyocrysts and diorite, gabbro and hornblendite clasts were also noted in the southern portion of the property near Offset Lake. There appears to be a reverse grading within the sequence with the size of clasts increase from the base of the unit. Also near Offset Lake massive andesite units with no apparent breccia texture were noted. Some members within this unit were found to contain considerable carbonate.

7.3 Unit 3 - Interbedded Tuff-Argillite

Thinly bedded laminated argillites and tuffs underlie much of the western portion of property. This proportion of tuff to argillite varies considerably but tuffacious rocks were more commonly noted towards the andesite breccia unit. Thin volcaniclastic sandstone and limestone were other rocks types noted within these sequence although they are minor constituents.

8.0 ALTERATION - MINERALIZATION

Ankerite is the most widespread alteration mineral on the property. It is very commonly found alongside even the smallest fracture. Even small fractures will have 5 - 10 cm alteration envelopes of ironstained carbonate alongside. Larger more extensive structures such as in the Ridge or Offset Lake have much more extensive and intensive patches of ankerite alteration. Mariposite has been noted associated with such alteration although not abundant. Mariposite was commonly noted in the Offset Lake area.

The widespread nature of the ankerite alteration suggests that there may be much more carbonate within the Jamboree volcaniclastic sequence than previously thought. This may be especially true of the Unit 3 tuff-argillite sequence. Although outcrop of this unit is relatively sparse mapping to date has revealed a significant number of limestone exposures. Drilling in 1988 in the Offset Lake area also indicated significant carbonate.

Hornfels have been noted adjacent to the diorite intrusive near Doreen Creek.

Chlorite alteration has been noted in some fault zones. Such alteration was noted in drill logs of past drilling. Alteration was not noted in the 1990 mapping.

Epidote alteration was noted in the andesite breccia unit near Offset Lake.

Mineralization has been found in two areas of the property: Doreen Creek and Offset Lake. Near Doreen Creek an ironstained east-west trending silicified zone returned an assay of 0.145 oz/ton Au over 2 m. Massive pyrrhotitic veins with lesser pyrite and chalcopyrite up to 30 cm in width have been found associated with east-west structures. One such vein in the North Doreen area returned an assay of 0.110 oz/ton Au.

Similar mineralization occurs on the adjacent Dor property of Eureka Resources.

In the Offset Lake area up to 5% wispy pyrite occurs in silicified carbonate rich phyllitic zones. Up to 200 ppb Au and 200 ppm As is associated with such zones.

9.0 GEOCHEMISTRY

During the 1990 program 139 soil samples and 31 rock samples were taken and submitted to Acme Labrotories of Vancouver for analysis of gold by atomic adsorption and 30 element ICD analysis. Soil samples were taken of B-Horizon at depths of 15 to 20 cm were taken soils well drained and well developed. Some portions of the property are poorly drained with poorly developed highly organic soils. Such area are generally small and localized.

Results from soil sampling include nine samples which returned greater than 20 ppb Au including a high of 162 ppb Au. Other samples were anomalous in zinc (high of 631 ppm Zn), Copper (high of 743 ppm Cu), and arsenic (high of 535 ppm As).

Some of the more interesting results include:

a) Eastern Portion of Property - Jamboree 2

Sample No.	Au(ppb)	As(ppm)	Cu(ppm)	Zn(ppm)	Ag(ppm)
DJ-90-14S	19	535	34	90	1.0
DJ-90-24S	1	23	41	631	0.8
DJ-90-25S	1	29	45	334	1.2
DJ-90-37S	17	41	61	562	2.0
DJ-90-38S	6	155	59	323	0.5
DJ-90-39S	1	190	45	153	1.5
DJ-90-43S	3	67	76	238	8.5

b) Ridge Grid Area

Sample No.	Au(ppb)	As(ppm)	Cu(ppm)	Zn(ppm)	Ag(ppm)
DJ-90-64	69	346	57	148	0.7
DJ-90-65	25	170	60	201	0.6
DJ-90-67	33	52	87	165	0.3
DJ-90-79	41	188	125	218	1.6
DJ-90-80	16	84	153	261	1.4
DJ-90-84	24	268	96	211	3.9

c) Central Area - Jamboree 18

Sample No.	Au(ppb)	As(ppm)	Cu(ppm)	Zn(ppm)	Ag(ppm)
DJ-9-1125	21	24	64	123	0.8
DJ-9-1165	107	21	51	119	0.3
DJ-9-1285	20	53	79	182	1.7
DJ-9-1395	22	59	88	369	1.7

There are insufficient samples to indicate patterns however there appears to be a correlation between gold and arsenic as has been suggested by previous sampling programs.

Rock sampling returned a high of 26 ppb Au. Rock samples of ankeritized zones often returned anomalous values in arsenic and nickel.

Sample No.	Au(ppb)	As(ppm)	Ni(ppm)
DG-90-7R	5	132	91
DG-90-16R	1	300	450
DG-90-17R	5	250	287
DG-90-23R	10	248	183
DG-90-30R	23	244	152
DG-90-31R	26	547	213

10.0 CONCLUSIONS

The property occurs near the eastern boundary of the Quesnel Terrane and is underlain by thinly bedded argillites, phyllites and interbedded tuffs. A 150 m - 300 m thick andesite breccia unit also traverses the property. A diorite plug intrudes the Doreen Creek portion of the property. Hornfels occur near the contact with the stock. Widespread ankerite alteration occurs adjacent to fractures and fault zones. Samples of this alteration have returned anomalous arsenic and nickel values. Massive sulphide veins have been discovered which have assayed up to 0.100 oz/ton Au.

Stratabound Frasergold type gold mineralization or structurally-controlled gold quartz-sulphide mineralization may yet be discovered on the Jamboree Property.

11.0 STATEMENT OF QUALIFICATIONS

I, DENNIS M. GORC, residing at 406 - 1176 Falcon Drive in Coquitlam, British Columbia, V3E 2N8 state that:

1. I graduated from Queen's University, Kingston, Ontario with a B.Sc. (Eng.) degree in mineral exploration in May 1976;

2. Since 1976, I have supervised mineral exploration programs in British Columbia, North West Territories, Manotiba and Ontario;

3. I am presently employed as a geologist with Imperial Metals Corporation, Suite 800-601 West Hastings Street in Vancouver, British Columbia;

4. I supervised the work on the Jamboree property.

DATED this 15 day of October, 1990.

Dennis M. Gorc
Imperial Metals Corporation
Vancouver, British Columbia

12.0 REFERENCES

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APPENDIX I

GEOCHEMICAL ANALYSES

[redacted] LABORATORIES LTD. [redacted] E. [redacted] ST. [redacted] VANCOUVER, B.C. [redacted] PHONE ([redacted] 253-[redacted] (60[redacted] 3-[redacted]

GEOCHEMICAL ANALYSIS CERTIFICATE

Imperial Metals Corporation PROJECT 6307 File # 90-2022 Page 1

800 - 601 W. Hastings St., Vancouver BC V6B 5A6

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
DJ-90 1-S	4	36	21	122	.5	37	11	258	4.32	11	5	ND	2	23	.6	2	2	34	.18	.066	16	50	.64	124	.02	6	1.86	.01	.07	2	4
DJ-90 2-S	4	46	21	173	2.5	45	18	1038	3.92	13	5	ND	1	74	1.2	2	2	48	.84	.076	19	56	.57	176	.02	6	2.94	.01	.10	1	3
DJ-90 3-S	4	49	24	127	2.7	44	17	437	4.21	19	5	ND	1	47	.8	2	2	46	.44	.072	21	52	.49	133	.03	2	2.57	.01	.07	1	3
DJ-90 4-S	5	48	22	114	.3	42	12	251	3.47	12	5	ND	3	15	.4	2	2	39	.14	.040	17	46	.58	115	.02	4	1.58	.01	.08	1	4
DJ-90 5-S	5	34	19	101	.4	25	9	189	4.43	14	5	ND	1	12	.2	2	2	47	.08	.047	17	41	.39	82	.03	3	1.51	.01	.06	1	1
DJ-90 6-S	4	43	22	116	.8	34	12	436	3.56	10	5	ND	2	18	.5	2	2	43	.13	.057	18	41	.38	99	.02	5	1.77	.01	.06	1	1
DJ-90 7-S	6	27	22	82	.6	23	7	125	3.54	11	5	ND	1	8	.2	2	4	42	.04	.035	18	33	.27	80	.02	2	1.35	.01	.05	1	3
DJ-90 8-S	4	60	21	174	1.4	37	16	750	3.93	14	5	ND	1	68	.3	2	2	41	.85	.083	14	43	.48	129	.01	10	1.68	.01	.08	1	4
DJ-90 9-S	3	18	17	70	.8	14	5	212	2.70	7	5	ND	1	9	.2	2	2	27	.12	.092	14	18	.13	92	.02	9	.85	.01	.05	2	1
DJ-90 10-S	4	34	18	83	3.9	20	7	340	3.14	7	5	ND	1	7	.2	4	2	32	.05	.085	18	25	.22	85	.02	3	1.14	.01	.08	2	2
DJ-90 11-S	3	58	23	150	2.5	46	14	405	4.44	12	5	ND	1	44	2.6	2	2	39	.42	.087	14	54	.66	157	.02	3	2.76	.01	.07	1	2
DJ-90 12-S	5	34	15	100	.9	18	7	180	3.13	6	5	ND	1	10	.5	2	2	30	.11	.045	16	24	.26	107	.01	6	1.33	.01	.05	1	1
DJ-90 13-S	7	31	18	104	.5	26	10	166	3.03	12	5	ND	3	45	.6	2	2	25	.50	.031	18	29	.35	115	.01	5	1.60	.01	.06	1	4
DJ-90 14-S	58	34	4	90	1.0	85	28	16484	29.80	535	5	ND	3	133	9.9	2	2	10	5.01	.040	8	10	.17	553	.01	2	.36	.01	.04	1	19
DJ-90 15-S	7	38	17	166	.4	42	12	636	3.73	22	5	ND	6	20	1.1	4	2	32	.23	.089	22	36	.64	90	.04	8	1.61	.01	.08	1	2
DJ-90 16-S	7	31	15	245	1.2	47	15	276	3.89	12	5	ND	6	16	1.9	2	2	34	.11	.087	17	40	.60	134	.05	8	2.27	.01	.08	2	8
DJ-90 17-S	7	42	31	213	.9	37	13	363	4.15	14	5	ND	7	20	.5	2	2	32	.10	.106	24	28	.48	105	.02	2	1.72	.01	.06	1	4
DJ-90 18-S	7	25	13	128	3.4	13	7	183	2.45	15	5	ND	3	17	.5	3	2	29	.09	.105	16	14	.11	99	.01	4	1.24	.01	.04	1	
DJ-90 19-S	15	71	26	341	1.3	66	19	349	5.76	96	5	ND	6	21	1.9	6	2	32	.08	.147	13	27	.41	114	.02	6	1.65	.01	.06	1	
DJ-90 20-S	1	143	15	85	.1	80	39	827	7.66	80	5	ND	1	77	1.7	2	2	208	.77	.146	4	244	5.91	210	.27	2	5.05	.01	.79	1	1
DJ-90 21-S	3	743	13	139	2.7	62	55	1221	11.15	15	5	ND	2	20	2.4	2	2	243	.33	.308	5	62	3.09	43	.01	2	3.87	.01	.01	1	5
DJ-90 22-S	5	60	18	232	.8	145	30	409	6.10	55	5	ND	4	14	.6	2	2	114	.11	.118	12	301	2.60	80	.05	3	2.80	.01	.05	1	3
DJ-90 23-S	6	47	9	197	.6	83	24	391	4.94	32	5	ND	4	18	.6	2	2	77	.08	.053	13	150	1.31	141	.03	5	2.59	.01	.06	1	2
DJ-90 24-S	9	41	20	631	.8	78	23	435	4.82	23	5	ND	6	20	4.7	3	2	62	.15	.119	15	113	1.08	196	.02	6	2.57	.01	.08	1	1
DJ-90 25-S	10	45	24	334	1.2	81	16	251	5.37	29	5	ND	5	13	1.2	2	2	87	.07	.093	15	175	1.47	120	.02	5	2.76	.01	.07	1	1
DJ-90 26-S	4	62	16	178	1.8	108	23	457	4.18	31	5	ND	5	19	.2	2	2	60	.20	.062	19	178	1.83	117	.04	8	2.31	.01	.08	2	2
DJ-90 27-S	32	63	97	508	2.4	65	24	346	9.73	189	5	ND	11	6	4.4	10	7	37	.07	.094	18	51	.38	72	.07	6	1.67	.01	.04	1	1
DJ-90 28-S	7	57	29	323	2.5	84	25	321	7.10	38	5	ND	2	15	1.2	2	6	77	.09	.119	12	158	1.31	144	.06	7	3.02	.01	.06	1	5
DJ-90 29-S	3	36	15	239	.6	132	24	458	5.60	40	5	ND	3	21	1.2	3	2	86	.17	.096	12	271	2.48	167	.04	2	2.98	.01	.07	1	1
DJ-90 30-S	4	96	27	233	1.4	94	23	646	7.07	41	5	ND	5	12	.5	5	5	70	.05	.147	26	115	1.14	117	.02	3	2.26	.01	.09	1	7
DJ-90 31-S	2	94	18	131	.1	311	38	706	5.99	35	5	ND	2	16	.2	2	2	121	.15	.067	8	559	4.82	71	.09	11	4.18	.01	.06	1	1
DJ-90 32-S	1	75	11	100	.2	171	28	450	5.32	16	5	ND	1	14	.7	2	2	99	.26	.118	3	371	3.73	32	.14	7	3.59	.01	.03	1	1
DJ-90 33-S	4	52	16	197	.2	80	17	311	5.22	22	5	ND	4	14	.8	3	2	80	.12	.121	12	176	1.65	89	.05	2	2.67	.01	.06	1	2
DJ-90 34-S	1	65	9	115	.2	106	28	557	6.93	18	5	ND	1	4	1.7	2	2	157	.06	.038	2	308	4.59	29	.18	6	4.70	.01	.05	1	5
DJ-90 35-S	2	22	28	148	2.7	21	11	321	3.42	2	5	ND	6	11	.2	2	2	32	.14	.112	26	29	.35	121	.02	2	2.44	.01	.07	1	4
DJ-90 36-S	20	129	15	354	.7	250	38	522	8.35	40	5	ND	3	45	1.7	2	2	84	.09	.085	11	208	1.01	92	.01	7	1.98	.01	.04	1	1
STANDARD C/AU-S	17	58	42	132	7.2	67	31	1048	4.02	38	20	7	37	47	17.9	15	17	56	.51	.096	36	56	.92	174	.07	34	1.93	.06	.14	11	46

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P4 Soil P5 Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 25 1990 **DATE REPORT MAILED:** June 30/90 **SIGNED BY.** D. Toye .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
DJ-90 37-S	4	61	22	562	2.0	72	28	727	5.13	41	5	ND	4	16	3.0	2	2	79	.10	.126	16	112	1.18	134	.02	4	2.71	.01	.08	2	17
DJ-90 38-S	1	59	9	323	.5	196	42	997	7.58	155	5	ND	3	23	2.9	2	2	71	.08	.114	10	311	1.30	122	.03	4	2.85	.01	.04	1	6
DJ-90 39-S	2	45	16	153	1.5	164	32	769	8.53	190	5	ND	2	31	1.3	9	2	78	.20	.123	7	161	1.00	98	.04	6	1.88	.01	.03	1	1
DJ-90 40-S	4	92	14	200	.9	102	22	763	5.53	49	5	ND	3	20	1.2	2	3	74	.16	.103	17	102	.87	97	.01	5	1.72	.01	.05	1	5
DJ-90 41-S	3	89	21	220	2.4	228	49	794	7.92	69	5	ND	3	43	1.7	2	2	114	.11	.096	12	466	2.38	140	.01	2	3.35	.01	.05	1	1
DJ-90 42-S	1	114	11	133	.2	530	68	759	11.67	90	5	ND	2	67	1.7	2	2	196	.03	.098	4	977	3.50	136	.01	2	3.93	.01	.01	1	1
DJ-90 43-S	2	76	17	238	8.5	129	27	792	7.23	67	5	ND	5	33	1.6	2	2	53	.27	.096	16	150	1.02	110	.01	2	1.80	.01	.05	1	3
DJ-90 44-S	1	136	6	97	.2	156	43	1125	8.26	31	5	ND	2	32	2.3	2	2	212	.36	.151	5	378	5.96	93	.23	7	5.07	.01	.58	3	1
DJ-90 45-S	2	236	11	175	1.0	742	100	630	9.70	86	5	ND	3	17	1.9	2	2	182	.20	.153	5	989	6.97	27	.06	9	5.55	.01	.02	1	1
DJ-90 46-S	3	24	23	133	.3	68	15	324	5.49	18	5	ND	2	9	.2	2	2	79	.08	.094	13	211	1.31	74	.05	4	2.91	.01	.05	1	2
DJ-90 47-S	8	212	48	163	1.8	149	27	538	7.94	32	5	ND	12	28	1.8	2	2	101	.17	.057	39	199	1.31	115	.07	2	4.99	.01	.06	2	2
DJ-90 48-S	1	80	18	111	.2	233	34	474	6.93	27	5	ND	2	11	.9	2	3	139	.15	.124	4	797	5.18	36	.11	7	4.66	.01	.03	1	3
DJ-90 49-S	7	30	31	144	.2	31	10	313	4.88	14	5	ND	6	7	.5	2	2	45	.07	.101	14	61	.83	109	.02	2	2.92	.01	.08	1	8
DJ-90 50-S	7	52	48	230	.9	44	15	314	5.58	10	5	ND	5	12	.5	2	2	67	.09	.114	19	87	.85	99	.04	2	3.11	.01	.05	1	162
DJ-90 51-S	21	111	29	204	1.0	75	25	396	7.05	34	5	ND	6	9	1.3	2	5	83	.05	.115	20	101	1.26	128	.01	2	3.34	.01	.08	1	7
DJ-90 52-S	5	50	10	127	.3	60	20	255	5.74	28	5	ND	3	13	.5	2	2	93	.09	.059	12	119	1.03	122	.04	2	2.86	.01	.05	1	2
DJ-90 53-S	4	43	26	160	1.8	44	16	286	8.26	33	5	ND	5	9	.4	2	2	91	.07	.118	11	119	1.22	78	.04	5	3.36	.01	.05	1	3
DJ-90 54-S	4	46	19	131	.3	42	19	332	7.28	18	5	ND	2	12	1.2	3	2	75	.12	.150	12	128	1.32	97	.03	4	3.49	.01	.06	2	3
DJ-90 55-S	3	24	16	85	.2	23	11	333	4.98	4	5	ND	4	7	.3	2	2	50	.05	.146	16	36	.48	58	.04	3	2.23	.01	.05	1	1
DJ-90 56-S	2	27	23	120	.8	28	9	154	4.23	8	5	ND	4	7	.3	2	2	38	.08	.127	12	37	.52	88	.03	7	3.28	.01	.05	1	
DJ-90 57-S	13	31	19	267	.6	32	12	699	5.18	12	5	ND	3	11	.9	2	2	51	.08	.060	13	49	.87	188	.02	2	2.73	.01	.05	1	
DJ-90 58-S	5	33	17	148	.9	20	12	314	5.37	15	5	ND	4	7	.9	2	2	29	.06	.133	12	30	1.23	139	.01	5	2.72	.01	.04	1	2
DJ-90 59-S	4	28	18	134	.9	23	11	365	4.97	9	5	ND	4	9	.4	2	2	50	.08	.181	18	36	.66	142	.02	2	1.93	.01	.08	1	3
DJ-90 60-S	2	42	14	107	1.4	49	18	514	5.99	6	5	ND	3	5	.3	2	2	102	.03	.067	12	246	2.35	71	.07	2	3.11	.01	.05	1	4
DJ-90 61-S	2	33	13	133	1.2	35	12	308	4.61	9	5	ND	3	7	.7	2	2	57	.05	.044	19	85	1.09	103	.03	6	2.63	.01	.06	1	1
DJ-90 62-S	5	36	24	238	1.7	28	14	698	4.61	14	5	ND	3	19	1.9	2	2	53	.13	.089	17	47	.65	262	.01	2	2.66	.01	.08	2	4
DJ-90 63-S	6	36	19	127	.4	31	12	286	5.18	32	5	ND	7	8	.6	4	2	31	.04	.077	27	42	.45	123	.01	2	2.01	.01	.05	1	4
DJ-90 64-S	8	51	14	148	.4	41	15	541	5.57	346	5	ND	1	12	.3	8	2	62	.09	.065	12	69	.52	90	.03	7	1.88	.01	.06	1	69
DJ-90 65-S	24	60	12	201	.7	43	13	230	5.34	170	5	ND	3	10	.2	12	2	52	.05	.058	15	24	.15	119	.02	2	1.43	.01	.06	1	25
DJ-90 66-S	4	37	16	149	.6	25	12	644	5.64	29	5	ND	1	9	.8	2	2	93	.10	.081	7	49	.91	121	.06	2	2.60	.01	.07	1	4
DJ-90 67-S	3	87	21	165	.3	54	18	354	5.15	52	5	ND	3	19	.5	2	2	64	.19	.104	12	88	1.11	107	.04	10	3.66	.01	.07	1	33
DJ-90 68-S	4	47	15	145	.3	36	14	285	5.46	33	5	ND	1	15	.3	4	2	62	.11	.066	15	73	.87	128	.03	5	2.22	.01	.07	1	6
DJ-90 69-S	4	64	11	180	1.0	33	15	305	5.26	44	5	ND	2	13	.6	3	2	61	.14	.090	13	77	.92	93	.05	5	2.76	.01	.05	1	12
DJ-90 70-S	4	84	14	197	1.5	45	21	389	5.20	56	5	ND	1	28	2.0	4	3	71	.43	.047	13	67	.78	110	.04	2	3.31	.01	.06	1	9
DJ-90 71-S	4	39	17	154	.4	32	13	332	4.95	36	5	ND	1	13	.6	2	2	62	.12	.080	13	65	.80	109	.04	3	2.33	.01	.06	1	4
DJ-90 72-S	3	77	21	350	.5	37	15	377	5.27	29	5	ND	2	33	1.7	3	2	75	.65	.055	10	59	.93	195	.03	2	3.34	.01	.05	1	10
STANDARD C/AU-S	17	56	37	132	7.1	67	30	1039	4.02	38	17	6	36	48	17.8	15	18	56	.51	.094	35	55	.92	172	.07	34	1.89	.06	.13	11	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
DJ-90 73-S	2	87	17	162	2.0	48	17	880	4.33	67	5	ND	1	35	1.3	4	2	65	.36	.085	15	83	1.09	440	.03	3	2.71	.01	.11	1	10
DJ-90 74-S	2	91	12	179	1.4	58	20	599	5.25	106	5	ND	1	32	1.8	6	2	76	.33	.084	11	115	1.18	327	.03	3	3.08	.01	.11	1	6
DJ-90 75-S	3	82	14	135	.7	57	21	725	5.14	88	5	ND	1	20	1.0	4	2	74	.18	.060	11	121	1.36	237	.05	2	2.84	.01	.11	1	6
DJ-90 76-S	3	112	16	130	.9	52	21	670	5.58	116	5	ND	1	36	1.0	4	2	91	.40	.038	12	107	1.23	203	.06	2	3.33	.01	.09	1	9
DJ-90 77-S	3	46	16	111	.3	36	14	471	5.58	91	5	ND	1	19	.8	4	2	79	.17	.030	9	84	.92	126	.09	2	2.31	.01	.05	1	1
DJ-90 78-S	6	91	18	170	1.1	46	18	733	5.63	97	5	ND	1	64	2.0	5	2	76	.88	.076	10	94	.83	170	.04	4	2.87	.01	.07	1	7
DJ-90 79-S	3	125	14	218	1.6	54	24	1185	4.84	188	5	ND	1	54	2.4	3	5	52	.80	.127	11	80	1.14	133	.03	4	2.44	.01	.08	1	41
DJ-90 80-S	5	153	12	261	1.4	75	27	1624	5.74	84	5	ND	1	42	4.0	3	2	72	.43	.093	15	124	1.19	186	.03	3	3.09	.01	.13	1	16
DJ-90 81-S	3	81	17	194	1.4	64	24	826	5.36	58	5	ND	1	37	2.7	2	2	73	.55	.081	11	134	1.38	143	.03	6	2.69	.01	.11	1	2
DJ-90 82-S	3	42	18	223	.9	46	15	376	5.15	62	5	ND	1	31	1.6	3	3	91	.38	.076	9	115	1.18	150	.04	5	2.80	.01	.08	1	2
DJ-90 83-S	2	68	20	188	1.0	64	23	949	4.60	66	5	ND	2	49	2.1	2	2	61	.54	.055	11	116	1.42	126	.04	3	2.47	.01	.10	1	1
DJ-90 84-S	4	96	17	211	3.9	44	20	705	5.73	268	5	ND	1	58	2.0	6	2	48	.78	.092	13	50	.72	238	.01	2	2.76	.01	.06	1	24
DJ-90 85-S	3	101	21	277	3.0	48	17	602	4.72	54	5	ND	1	59	2.6	4	3	65	.45	.089	18	57	.50	575	.01	3	3.15	.01	.05	1	1
DJ-90 86-S	13	70	23	348	.7	44	12	380	4.67	40	5	ND	1	15	3.6	6	2	93	.09	.087	14	43	.26	429	.01	7	2.15	.01	.05	1	3
DJ-90 87-S	4	94	15	265	2.0	51	15	490	4.79	18	5	ND	2	18	1.5	3	2	59	.18	.153	18	47	.50	663	.01	5	2.45	.01	.10	1	5
DJ-90 88-S	18	92	13	347	1.8	64	20	374	4.59	26	5	ND	2	33	3.3	3	2	69	.29	.119	22	60	.74	558	.01	2	2.89	.01	.07	1	7
DJ-90 89-S	6	77	17	244	1.9	37	14	751	4.90	14	5	ND	1	12	1.5	2	2	60	.10	.138	14	48	.49	428	.01	5	2.42	.01	.06	1	2
DJ-90 90-S	3	69	19	273	.6	37	11	569	4.36	18	5	ND	2	27	1.5	2	2	62	.27	.127	17	51	.60	553	.01	7	2.51	.01	.09	1	5
DJ-90 91-S	8	55	13	322	1.5	39	16	877	4.77	29	5	ND	2	24	2.6	6	2	75	.17	.111	13	55	.57	603	.02	2	2.94	.01	.06	1	1
DJ-90 92-S	4	78	13	260	.9	52	16	472	5.96	87	5	ND	1	24	1.2	5	2	85	.20	.180	15	95	.58	396	.01	2	2.88	.01	.07	1	2
DJ-90 93-S	4	82	18	202	1.2	36	13	351	5.20	132	5	ND	1	14	1.2	4	2	61	.16	.139	13	43	.80	291	.02	4	2.84	.01	.06	1	3
DJ-90 94-S	5	87	13	172	.5	53	27	957	5.74	141	5	ND	1	47	1.6	6	2	63	.60	.051	11	93	1.21	166	.04	2	3.24	.01	.06	1	16
DJ-90 95-S	3	75	4	127	.3	50	16	575	5.64	81	5	ND	1	20	1.0	2	2	79	.16	.056	11	107	1.29	148	.07	3	3.15	.01	.08	1	4
DJ-90 96-S	2	37	6	214	.5	25	12	413	3.42	10	5	ND	2	29	1.5	2	2	63	.32	.075	9	48	.70	150	.08	2	2.16	.01	.08	1	1
DJ-90 97-S	4	80	4	151	.6	49	14	495	3.52	29	5	ND	2	35	.7	3	2	48	.34	.086	18	75	1.00	222	.05	9	1.87	.01	.11	1	2
DJ-90 98-S	8	43	6	150	.3	38	11	340	3.12	23	5	ND	2	31	.9	3	2	51	.27	.086	15	62	.82	138	.05	5	1.54	.01	.10	1	5
DJ-90 99-S	4	48	6	133	.6	43	12	317	3.46	22	5	ND	3	31	.3	4	2	51	.31	.071	14	78	1.00	147	.07	2	1.78	.01	.10	1	5
DJ-90 100-S	3	51	9	123	.5	44	13	373	3.37	22	5	ND	2	34	.6	2	2	53	.36	.088	11	77	1.06	154	.06	5	1.81	.01	.10	1	1
DJ-90 101-S	2	73	6	144	.5	74	17	388	3.71	23	5	ND	2	34	.5	2	2	53	.33	.055	15	126	1.36	178	.07	4	2.20	.01	.12	2	5
DJ-90 102-S	2	40	9	154	.6	44	13	220	3.67	15	5	ND	3	21	.8	2	2	48	.18	.090	10	82	.85	118	.06	9	2.34	.01	.08	1	13
DJ-90 103-S	4	59	9	146	1.0	50	15	534	3.55	27	5	ND	3	52	.8	3	2	46	.46	.070	13	78	.98	199	.05	2	1.82	.01	.09	1	6
DJ-90 104-S	1	30	6	161	.5	41	14	246	3.19	13	5	ND	2	23	.5	2	2	48	.21	.088	11	82	.83	145	.06	4	2.06	.01	.10	1	1
DJ-90 105-S	1	19	3	145	.3	36	12	176	3.12	9	5	ND	3	19	.2	3	3	49	.16	.114	11	87	.76	129	.06	3	1.81	.01	.08	1	3
DJ-90 106-S	4	74	16	250	.8	55	16	357	4.01	28	5	ND	2	20	.7	3	2	44	.14	.070	11	47	.44	363	.01	3	1.75	.01	.08	1	4
DJ-90 107-S	2	40	10	150	.5	38	14	218	3.65	28	5	ND	2	35	.3	2	2	65	.26	.079	11	74	.85	230	.05	2	2.46	.01	.07	1	6
DJ-90 108-S	2	55	11	119	.2	54	16	290	4.00	31	5	ND	2	29	.2	4	2	58	.27	.126	11	102	1.24	123	.06	7	2.07	.01	.08	1	6
STANDARD C/AU-S	17	57	37	132	7.2	67	31	1039	4.05	37	17	6	37	47	17.5	16	21	55	.51	.092	35	57	.93	174	.07	36	1.93	.06	.14	11	46

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
DJ-90 109-S	3	48	10	322	.6	55	17	289	4.49	29	5	ND	2	40	1.7	4	2	60	.29	.114	9	89	.83	338	.05	3	2.88	.01	.07	1	3
DJ-90 110-S	8	52	16	287	.7	46	15	204	4.47	23	5	ND	3	22	.9	4	3	59	.17	.154	10	68	.70	270	.03	2	2.60	.01	.07	1	6
DJ-90 111-S	4	47	9	118	.2	41	11	284	3.23	26	5	ND	2	28	.5	2	6	47	.29	.093	12	74	.98	112	.06	2	1.71	.01	.09	1	5
DJ-90 112-S	3	64	11	123	.8	49	14	646	3.39	24	5	ND	1	35	1.2	2	6	50	.34	.065	14	88	1.02	178	.05	5	1.86	.01	.12	1	21
DJ-90 113-S	3	41	2	101	.4	42	13	429	2.98	16	5	ND	1	36	1.0	2	5	43	.38	.073	11	68	.99	140	.06	2	1.58	.01	.09	1	5
DJ-90 114-S	5	40	3	127	1.9	35	11	244	3.00	19	5	ND	1	30	.5	2	3	48	.26	.073	14	59	.68	196	.04	10	1.60	.01	.09	1	3
DJ-90 115-S	2	36	6	99	.3	37	11	277	2.89	15	5	ND	1	27	.6	2	2	45	.24	.041	13	70	.95	125	.06	2	1.54	.01	.07	1	3
DJ-90 116-S	3	51	7	119	.3	42	14	495	3.54	21	5	ND	2	28	.7	2	3	55	.27	.048	12	88	1.20	148	.07	2	2.23	.01	.11	1	107
DJ-90 117-S	10	42	8	141	.3	39	10	245	3.22	20	5	ND	2	23	1.0	2	3	54	.25	.072	12	59	.98	152	.05	5	1.76	.01	.08	1	8
DJ-90 118-S	4	27	8	95	.5	33	9	262	2.58	11	5	ND	2	30	1.1	2	4	49	.30	.065	12	63	.78	188	.07	2	1.49	.01	.08	1	3
DJ-90 119-S	4	32	10	125	.3	40	13	316	2.68	10	5	ND	1	29	.7	2	5	48	.28	.055	10	65	.85	149	.05	4	1.64	.01	.07	1	1
DJ-90 120-S	6	76	6	242	1.9	58	14	1230	3.61	15	5	ND	2	109	4.3	3	3	56	.97	.075	12	77	.90	444	.05	3	2.06	.01	.12	1	1
DJ-90 121-S	7	75	12	278	2.9	30	15	1225	4.11	23	5	ND	2	60	3.0	2	4	35	.46	.271	15	43	.30	271	.03	2	2.02	.01	.06	1	6
DJ-90 122-S	8	40	10	218	.3	46	12	216	3.86	12	5	ND	2	40	1.0	3	2	55	.35	.144	10	54	.59	225	.02	3	2.06	.01	.07	1	2
DJ-90 123-S	12	97	10	254	1.6	67	16	538	4.36	18	5	ND	3	64	2.6	3	2	42	.81	.118	19	51	.78	245	.02	4	1.66	.01	.08	1	8
DJ-90 125-S	3	45	7	131	.6	44	14	436	3.28	20	5	ND	1	48	1.4	3	4	57	.53	.061	10	83	.94	154	.06	4	1.92	.01	.08	1	1
DJ-90 126-S	2	78	15	125	.5	65	19	752	4.12	33	5	ND	1	51	1.1	2	3	60	.58	.068	11	120	1.46	131	.07	8	2.23	.01	.12	1	4
DJ-90 127-S	3	71	17	217	.6	74	24	438	5.50	40	5	ND	2	49	1.8	4	3	77	.46	.253	9	128	1.19	200	.06	2	3.58	.01	.15	1	1
DJ-90 128-S	6	79	11	182	1.7	67	18	540	4.48	53	5	ND	2	62	1.3	5	2	53	.54	.129	14	92	.98	275	.03	10	2.18	.01	.11	1	20
DJ-90 129-S	10	41	10	246	2.3	35	11	222	4.16	35	5	ND	2	31	1.7	3	2	48	.26	.258	14	45	.58	264	.01	6	2.11	.01	.07	1	
DJ-90 131-S	11	43	12	224	1.7	36	9	469	3.91	26	5	ND	2	17	1.6	4	2	58	.15	.155	13	34	.27	330	.01	2	1.94	.01	.06	1	4
DJ-90 132-S	30	74	12	354	2.1	62	11	746	4.13	53	5	ND	1	20	1.7	6	2	38	.20	.160	17	26	.21	173	.01	2	1.09	.01	.07	1	1
DJ-90 133-S	4	73	7	223	.8	52	13	402	4.60	101	5	ND	2	13	.7	8	2	38	.12	.152	14	28	.22	259	.01	2	1.68	.01	.06	1	10
DJ-90 134-S	3	120	10	252	2.7	60	16	1048	8.47	113	5	ND	2	9	1.3	9	2	34	.06	.210	13	26	.13	335	.01	2	2.26	.01	.05	1	7
DJ-90 135-S	5	98	12	192	1.1	53	15	550	5.02	64	5	ND	3	19	1.2	10	3	46	.15	.181	17	46	.73	352	.01	5	2.32	.01	.09	2	10
DJ-90 136-S	2	46	13	228	1.5	35	13	341	5.02	37	5	ND	2	12	.4	5	2	61	.11	.184	13	56	.75	305	.02	2	2.99	.01	.06	1	9
DJ-90 137-S	5	38	9	174	2.4	69	27	8342	4.11	110	5	ND	1	145	1.7	2	2	25	1.09	.210	12	34	.61	977	.01	4	1.54	.01	.06	1	4
DJ-90 138-S	2	85	9	200	1.6	56	18	707	5.09	102	5	ND	1	54	1.1	3	2	61	.49	.119	13	97	.95	402	.02	2	2.89	.01	.10	1	12
DJ-90 139-S	32	88	15	369	1.7	74	19	1696	4.66	59	5	ND	1	67	5.2	5	2	44	.52	.156	21	50	.49	475	.02	5	2.01	.01	.07	1	22
DJ-90 140-S	8	51	6	156	.7	36	14	616	4.70	65	5	ND	1	68	1.6	3	2	71	.42	.098	12	84	.71	424	.03	4	2.90	.01	.06	1	5
DJ-90 141-S	2	81	15	167	.6	62	19	671	5.50	101	5	ND	1	35	1.4	5	2	61	.34	.179	13	104	1.34	190	.04	6	2.79	.01	.10	1	12
STANDARD C/AU-S	17	58	40	132	7.2	66	30	1044	4.06	39	19	7	37	47	17.7	15	18	56	.51	.093	36	55	.93	174	.07	34	1.96	.06	.13	11	45

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
DG-90 1-R	5	5	2	26	.1	14	7	2381	2.65	38	5	ND	1	452	1.7	2	2	1	30.96	.005	2	7	.33	216	.01	2	.04	.01	.01	1	5
DG-90 2-R	2	4	2	17	.1	6	2	880	1.92	53	5	ND	1	449	1.1	2	2	2	37.33	.006	2	3	.31	70	.01	2	.01	.01	.01	1	4
DG-90 3-R	2	6	4	32	.1	14	5	1668	2.03	40	5	ND	1	379	1.2	2	2	5	27.73	.010	2	8	.40	52	.01	5	.24	.01	.04	1	3
DG-90 4-R	8	47	9	137	.1	38	10	1129	2.90	11	5	ND	2	220	3.0	2	2	13	3.56	.164	6	17	.53	65	.01	11	1.16	.01	.06	1	7
DG-90 5-R	4	12	4	26	.1	17	3	229	.61	3	5	ND	1	7	.4	2	2	2	.15	.018	2	11	.03	13	.01	5	.11	.01	.01	1	3
DG-90 6-R	4	12	2	28	.1	16	2	725	.78	6	5	ND	1	610	.5	2	2	8	4.99	.013	3	41	.19	19	.01	5	.24	.01	.01	1	2
DG-90 7-R	1	103	2	111	.5	91	23	1410	5.73	132	5	ND	1	273	2.9	2	2	44	7.50	.105	3	158	3.20	36	.01	5	1.04	.04	.04	1	5
DG-90 8-R	5	8	4	14	.1	18	2	135	.82	2	5	ND	1	5	.2	2	3	6	.09	.004	2	48	.22	1	.01	6	.27	.01	.01	1	5
DG-90 9-R	3	4	2	2	.1	13	1	82	.39	4	5	ND	1	8	.2	2	2	1	.10	.008	2	9	.02	6	.01	8	.02	.01	.01	1	3
DG-90 10-R	4	29	6	112	.1	22	10	240	1.63	4	5	ND	5	14	.7	2	2	6	.07	.028	12	34	.03	58	.01	4	.26	.02	.11	1	3
DG-90 11-R	3	130	3	91	.2	34	15	269	2.24	2	5	ND	5	9	1.4	2	3	12	.08	.042	17	16	.36	38	.01	7	.59	.04	.07	1	5
DG-90 12-R	4	19	8	96	.1	90	14	1600	3.43	14	5	ND	1	513	3.1	2	2	8	4.00	.032	7	64	.76	86	.01	2	.25	.01	.05	1	3
DG-90 13-R	1	97	2	116	.2	106	29	1547	6.92	36	5	ND	1	246	1.9	2	2	44	4.15	.141	2	140	3.14	49	.01	2	1.29	.02	.07	1	4
DG-90 14-R	6	13	21	32	.1	56	8	1829	1.56	12	5	ND	1	206	.7	2	2	7	1.21	.444	6	18	.05	69	.01	24	.17	.01	.04	1	3
DG-90 15-R	6	23	5	87	.1	23	4	162	1.35	5	5	ND	2	11	3.2	2	2	3	.05	.022	3	10	.01	13	.01	3	.11	.01	.02	1	3
DG-90 16-R	3	51	3	78	.3	450	47	2047	6.83	300	5	ND	1	89	1.5	8	2	15	1.64	.136	6	60	.17	128	.01	12	.53	.01	.12	1	1
DG-90 17-R	4	25	2	64	1.1	287	25	1115	5.30	250	5	ND	1	36	.7	16	2	11	.25	.064	2	120	.68	69	.01	8	.23	.01	.08	1	5
DG-90 18-R	3	11	6	7	.1	21	4	261	.71	4	5	ND	1	2	.2	2	2	1	.02	.005	2	13	.02	21	.01	2	.05	.01	.02	1	5
DG-90 19-R	4	42	20	54	.1	43	7	1503	2.97	27	5	ND	2	61	.4	2	2	12	.54	.196	11	42	.03	66	.01	10	.34	.02	.06	1	4
DG-90 20-R	6	24	7	29	.1	36	6	617	1.87	23	5	ND	1	57	.2	2	2	9	.67	.244	2	72	.05	43	.01	22	.16	.01	.06	1	
DG-90 21-R	4	5	23	18	.1	24	6	388	.93	22	5	ND	7	7	.2	2	2	5	.08	.016	14	16	.14	49	.01	11	.32	.01	.11	1	
DG-90 22-R	6	5	6	11	.1	14	3	216	.99	4	5	ND	3	8	.2	2	2	2	.07	.027	12	42	.01	22	.01	3	.12	.01	.06	1	
DG-90 23-R	1	50	2	47	.1	183	26	807	4.34	248	5	ND	3	495	.8	28	2	55	4.33	.120	12	131	4.08	43	.01	6	.84	.03	.06	1	10
DG-90 24-R	6	11	2	16	.1	17	1	247	.63	2	5	ND	1	13	.6	2	2	4	.11	.031	3	49	.06	52	.01	14	.12	.01	.02	1	4
DG-90 25-R	6	88	12	103	.6	18	9	397	3.55	11	5	ND	2	50	2.9	2	2	102	1.34	.109	8	28	.72	101	.21	8	1.78	.02	.13	1	3
DG-90 26-R	1	102	2	82	.4	13	16	597	4.70	23	5	ND	1	387	1.2	2	2	83	4.13	.102	4	8	1.94	139	.01	2	1.89	.03	.08	1	4
DG-90 27-R	4	34	2	34	.3	15	7	563	2.14	14	5	ND	1	766	.6	2	2	26	8.05	.050	3	26	.65	122	.01	4	.38	.02	.04	1	6
DG-90 28-R	1	97	6	94	.1	17	17	1004	5.62	12	5	ND	1	58	1.4	2	2	146	2.39	.154	4	10	1.56	29	.20	12	3.76	.03	.04	2	6
DG-90 29-R	1	130	2	92	.2	54	25	1074	6.34	60	5	ND	1	268	2.8	2	2	143	4.21	.096	3	135	3.92	47	.05	2	4.12	.01	.14	1	2
DG-90 30-R	1	26	7	53	.1	152	26	1007	4.58	244	5	ND	3	352	1.8	22	2	19	3.34	.091	14	57	3.07	81	.01	13	.38	.03	.12	1	23
DG-90 31-R	1	49	10	61	.1	213	34	1148	5.28	547	5	ND	3	328	1.5	22	2	23	2.74	.123	13	77	3.62	93	.01	16	.40	.02	.11	1	26
STANDARD C/AU-R	18	59	40	133	7.1	66	28	1031	4.00	43	19	6	37	47	18.1	15	19	55	.51	.093	37	56	.92	176	.07	36	1.92	.06	.14	12	520

APPENDIX II

COST STATEMENT

JAMBOREE PROPERTY

GEOLOGICAL MAPPING, SOIL AND ROCK GEOCHMISTRY
JUNE 6 - 24, 1990

Wages

D. Gorc	June 6, June 14 - 24, 1990	$2,760	
D. Johannesson	June 6 - 8, June 16 - 24, 1990	1,800	
			$ 4,460

Travel, Accommodation, Transportation

Airline ticket	$ 150	
Truck rental	800	
Gasoline, suppliers, equipment	1,000	
Radio	150	
Accommodation	650	
Miscellaneous travel costs, meals, motel	300	
		3,050

Geochemical

139	Soil samples analyzed for Au by atomic adsorption and Zu element/CP	
31	Rock samples snalyzed for Au by atomic adsoption and Zu element/CP	1,500

Miscellaneous

Report (drafting, computer, typing, etc.)	930
	$10,040

JAMBOREE 5
JAMBOREE 6
JAMBOREE 16
JAMBOREE 1
JAMBOREE 2
JAMBOREE 17
JAMBOREE 4
JAMBOREE 3
JAMBOREE 18
JAMBOREE 7
JAMBOREE 8
JAMBOREE 15
JAMBOREE 9
JAMBOREE 10
JAMBOREE 11

RIDGE GRID

HORSEFLY
McKUSKY
CREEK
DOREEN
DOREEN LAKE
OFFSET LAKE
McKINLEY LAKE

Iron stained caliche
ank, mariposite, pyrite
Minor ank, qtz veins to 30 cm
Bleaching silicification adj. to gabbro dykes
Thin qtz veins in bleached phyllite
Contains several basalt dykes' (5 m - 8 m thick), bleaching silicification alongside
ank, mineralized, intermixed qtz
ank fractured, ank
qtz, qtz float
sandstone
Outer edge of hornfels
limestone
hornblende porphyry
Interbedded 5 cm lenses of limestone
Stockwork of qtz and calcite veinlets, minor ankerite
Thin 5cm lense of limestone
carbonated
trace py
ank

LEGEND

QUESNEL RIVER GROUP
UPPER TRIASSIC - LOWER JURASSIC

1 ARGILLITE, PHYLLITE
- 1a BLACK ARGILLITE
- 1b GREY PHYLLITE

2 ANDESITE BRECCIA
- 2a CLASTS OF ANDESITE TO 15 cm
- 2b CLASTS OF ANDESITE, MICRODIORITE, GABBRO
- 2c CLAST TUFF

3 INTERBEDDED TUFF AND ARGILLITE
- 3a PREDOMINATELY ARGILLITE
- 3b PREDOMINATELY TUFF
- 3c CRYSTAL AND LAPILLI TUFF

INTRUSIVES

4 DIORITE, MICRODIORITE

5 GABBRO

qtz QUARTZ
ank ANKERITE
GEOLOGICAL CONTACT (DEFINITE, APPROXIMATE)
BEDDING
FOLIATION, SCHISTOSITY
FAULT
25● SOIL SAMPLE (DJ-90-25)
2R● ROCK SAMPLE (DG-90-2R)

NOTE: THIS MAP INCLUDES MAPPING FROM 1983 AND 1990. ADDITIONAL ROADS HAVE BEEN ADDED. NEW ROADS HAVE NOT BEEN ACCURATELY MAPPED.

GEOLOGICAL BRANCH
ASSESSMENT REPORT
20,395

IMPERIAL METALS CORPORATION
JAMBOREE
FIGURE 5 N.T.S. 93A 7W
GEOLOGY
metres 0 200 400 600 800 1000 metres

SCALE: 1:10 000	GEOLOGIST: D. GORC
DATE: OCTOBER, 1990	DRAWN BY: J. CORKUM, J.v.V.