85-646 - 14599

BULLDOZER TRENCHING PROGRAM
(Ridge Mercury Zone)

07/86

SPECIFIC CLAIMS INVOLVED	:	BEEKEEPER 1, Record # 2055 (10) BEEKEEPER 2, Record # 3892 (7) BEEKEEPER 3, Record # 3893 (7)
MINING DIVISION	:	Cariboo
SPECIFIC NTS LOCATION	:	93A/6W
LATITUDE AND LONGITUDE	:	52°21' North 121°21' West
OWNER OF CLAIMS	:	Imperial Metals Corporation
OPERATOR	:	Imperial Metals Corporation
AUTHOR OF REPORT	:	J.W. Morton
DATE SUBMITTED	:	September, 1985

FILMED

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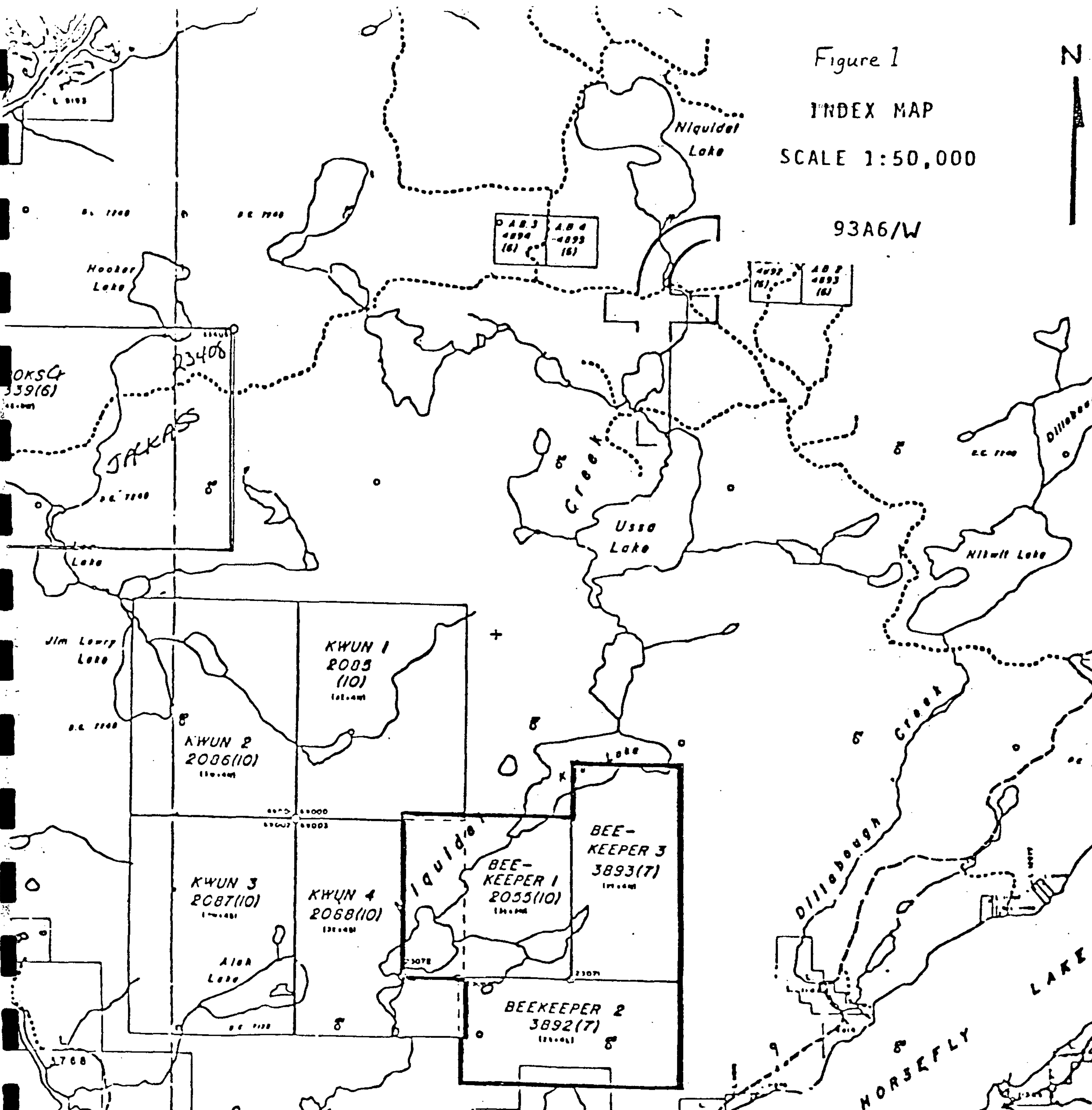


Figure 1
INDEX MAP
SCALE 1:50,000
93A6/W
N
Niquidet Lake
Hooker Lake
JAKAS
23406
Creek
Ussa Lake
Nilwit Lake
Jim Lowry Lake
KWUN 1
2085
(10)
KWUN 2
2086(10)
KWUN 3
2087(10)
KWUN 4
2088(10)
Alek Lake
BEE-
KEEPER 1
2055(10)
BEE-
KEEPER 3
3893(7)
BEEKEEPER 2
3892(7)
Niquidet
Lake
Dillabough Creek
HORSEFLY LAKE

INTRODUCTION

Location and Physiographic Position:

The Beekeeper claim group is located approximately five (5) kilometers northwest of Horsefly Lake in central British Columbia. The claim occurs in a moist vegetative zone dominated by combinations of coniferous fir-pine-(cedar) and deciduous poplar-birch-willow. Considerable adjacent land has been cleared and converted to improved pasture. Soils are predominantly luvisolic in type and derived from ablation tills, basal tills, and lacustrine deposits. Soils generally are neutral to slightly acidic in reaction and are usually heavy in soil texture (loams to clay loams predominating). (Geochemical expression of underlying mineralization can be expected to be poor). The terrain is moderately undulating with elevations ranging between 825 and 950 meters (2,750 to 3,050 feet).

The property is accessable by pickup truck along a bush road that connects with an all-weather road approximately ten (10) kilometers from the property.

Regional Geological Summary

The most significant single geological structure in the Horsefly area is called the Quesnel Trough. The Quesnel Trough is a Mesozoic tectonic feature that occurs between the Paleozoic Omineca Crystalline Belt to the east and the oceanic deposited rocks of the Paleozoic Cache Creek group to the west. Deposition within the trough has been predominantly by Triassic - Jurassic volcanics and their minor intercalated volcaniclastic sediments. The volcanic pile, in large, is derived from phreatic eruption and submarine laharic activity. Phreatic centres are identified by the presence of comagmatic felsic intrusives (often with a subvolcanic habit). The Quesnel Trough is an extensive feature, thought to be formed by an Upper Triassic to Lower Jurassic active island arc system. It more or less extends from the United States border to the Yukon border where it becomes known as the Whitehorse Trough. Throughout its length, composition of rocks varies between calc-alkaline and distinctly alkaline. In the Horsefly area the trough has a higher alkaline habit. During the late nineteenth century, major placer gold occurrences were worked in several locations within the Horsefly River watershed.

At the Beekeeper claim a zoned syeno-dioritic stock intrudes coeval basic volcanic breccias. Adjacent to the intrusive these volcanic breccias are pyritic and have been hornfelsed. Propylitic alteration assembleages are present and sporadic mercury gold and copper values occur. Strong magnetometer anomalies occur both in association with the stock and in the centre of the hornfelsic zone. Soil geochemical work completed on the area between 1981 and 1982 had outlined a persistent soil mercury anomaly. This anomaly was partially tested in 1984 by way of a bulldozer trenching program. A zone of epithermal style carbonate-clay alteration and sulfide stockwork veining was identified. This epithermal zone was more completely tested in 1985 by a more extensive bulldozer trenching program.

Summary of Work Compeleted

- 90 meters of bulldozer trenching.
- 64 rock chip samples and 2 soil samples were collected.

Methods

Continuous rock chip samples were collected over the interval indicated in the sampling plan (Figure 5). The two soil samples were collected from the center portion of trench E where the bulldozer failed to expose bedrock. Samples were sent to Acme Analytical Labs in Vancouver for analyses by multielement I.C.P. methods with gold and mercury by atomic absorption techniques. Lab procedures are included with the geochemical certificates in the Appendix of this report.

Detailed Technical Data and Interpretations

Epithermal mineralization and alteration has occurred within a volcanic pile that includes fine grained trachy-andesites and porphyritic latite. Alteration consists of calcite replacement and the development of clay minerals. Epithermal mineralization is evidenced by a stockwork development of micro quartz and pyrite veinlets and the wide-spread occurrence of disseminated cinnebar in the most easterly trench (trench E). While gold values are moderately anomalous in zones of epithermal alteration arsenic values are anomalous and mercury values are extremely anomalous.

COSTS

Manpower:	J.W. Morton	May 29-June 2	5 days @ $200/day	$ 1,000
	T. MacKenzie	May 28, May 30-June 2	5 days @ $110/day	550
	R. Boase	May 27, May 30-June 2	5 days @ $ 75/day	375
	D. Dunlop	May 27, May 30-June 2	5 days @ $ 75/day	375
Room & Board		20 man days @ $45/day		900
Vehicle Costs		5 days @ $60/day		300
Geochemical Costs				1,050
Report Preparation & Drafting				500
Bulldozer Costs				750
TOTAL				$ 5,800

AUTHOR'S QUALIFICATIONS

I, JAMES W. MORTON, CERTIFY THE FOLLOWING:

I graduated from Carelton University in 1971 with a Bachelor of Science in Geology.

I graduated from the University of British Columbia in 1976 with a Master of Science in Soil Science.

I have worked for various mining and exploration companies since 1968.

I am presently a permanent staff geologist with Imperial Metals Corporation of Vancouver, B.C.

I supervised all of the work described in this report.

J.W. Morton,
Geologist

E-20: ALTERED (CALCITE, BIOTITE) LATITE PORPHYRY.

This sample is a porphyritic volcanic rock consisting of squat subhedral orthoclase phenocrysts (??) in a groundmass of plagioclase laths and fine K-spar. Quite intense pervasive alteration by calcite and biotite has occured. The phenocrysts have been completley altered to an intimate intergrowth of very fine calcite and biotite; biotite is disseminated throughout the groundmass. Diffuse patches of kaolinitic clay and sericite remain within the latered phenocrysts which suggests the feldspathic origin. Minerals are:

phenocrysts	40%	(100% altered to biotite-calcite, minor clays)
plagioclase	35	
biotite	10	
K-spar	10	
hematite	4	(after magnetite)
calcite	1	(mainly vein)
apatite	minor	
sericite	minor	
Fe-Ti oxide	minor	
quartz	trace	

Phenocrysts form squat subhedral to euhedral grains 1 to 3mm in size which have been completely altered to biotite and calcite. The biotite forms extremely fine grains which are intimately and uniformly intergrown with fine calcite, and tend to form in a very fine network within and between the calcite grains. Fine diffuse patches of extremely fine kaolinitic clay and sericite occur in some of the phenocrysts. Calcite is dominant in all the altered phenocrysts and alteration is similar in all of them.

The groundmass consists of euhedral to subhedral plagioclase laths 0.2 to 1.0mmin size with small patches of very fine interstitial K-spar. Acicular apatite grains up to 0.3mm in length are included in the plagioclase and often pass across grain boundaries. Pervasive alteration by biotite has occured in the groundmass. This forms flakes less than 0.05mm in size which are disseminated throughout but tend to be concentrated in small diffuse, partly interconnected patches between the laths. Some plagioclase laths have been mostly altered to sericite.

Sometimes there is very fine calcite intergrown with the biotite patches but apart from the altered phenocryst most of the calcite occurs in a vein about 0.5mm in width which cuts through the rock. At the edge of this there are a few small patches of of quartz.

Hematite occurs in ragged subcubic to subrounded grains 0.1 to 0.4mm in size which are iintergrown with the plagioclase in the grondmass; smaller ones sometimes occur included in the phenocrysts. Clusters of a few grains are common. The hematite is replacing original primary magnetite, remnants of which occur in many of the grains. The alteration occured during the addition of calcite and biotite. Extremely fine Fe-Ti oxides are disseminated throughout and these also formed at this time.

C-4: ALTERED (CALCITE) ANDESITE.

This is a very fine grained volcanic rock originally consisting mainly of a mass of fine shapeless to subhedral plagioclase grains. Intense pervasive alteration by calcite has resulted in replacement of much of the plagioclase. The carbonate has been introduced in a system of veinlets which also contain quartz and pyrite. Minerals are:

calcite	60%	
plagioclase	20	
sericite	11	
quartz	5	(in veinlets)
pyrite	2	
limonite	2	
Fe-Ti oxide	minor	

The original rock consisted of a mass of interlocking shapeless to subhedral plagioclase grains about 0.05mm in size. There were a few phenocrysts (fragments ??) about 0.5mm in size but these have been completley altered to fine sericite. Pervasive alteration has resulted in "flooding" of the mass of plagioclase by calcite. This forms very fine grains occuring in small, closley spaced or touching, ragged patches averaging about 0.2mm in size which have been superimposed upon the mass of plagioclase; occasionally more massive patches occur. The remnant plagioclase has been partly altered to fine sericite. Extremely fine Fe-Ti oxide is disseminated within the sericitic parts.

Calcite also occurs in a criss-crossing system of veinlets 0.1 to 0.5mm in width. The veinlets are dominantly quartz which forms highly irregularly shaped, sometimes elongated, interlocking grains 0.05 to 0.3mm in size. Small patches of calcite are intergrown with it. Clusters rounded to subcubic pyrite grains up to 0.3mm in size are also intergrown with the quartz and there are also a few massive pyrite vein-fillings. The pyrite also occurs disseminated within the rock. The pyrite is altering to goethite and this has allowed limonitic stain to develop, particularly in the calcite.

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: ROCKS/SOILS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. / HG ANALYSIS BY FLAMLESS AA.

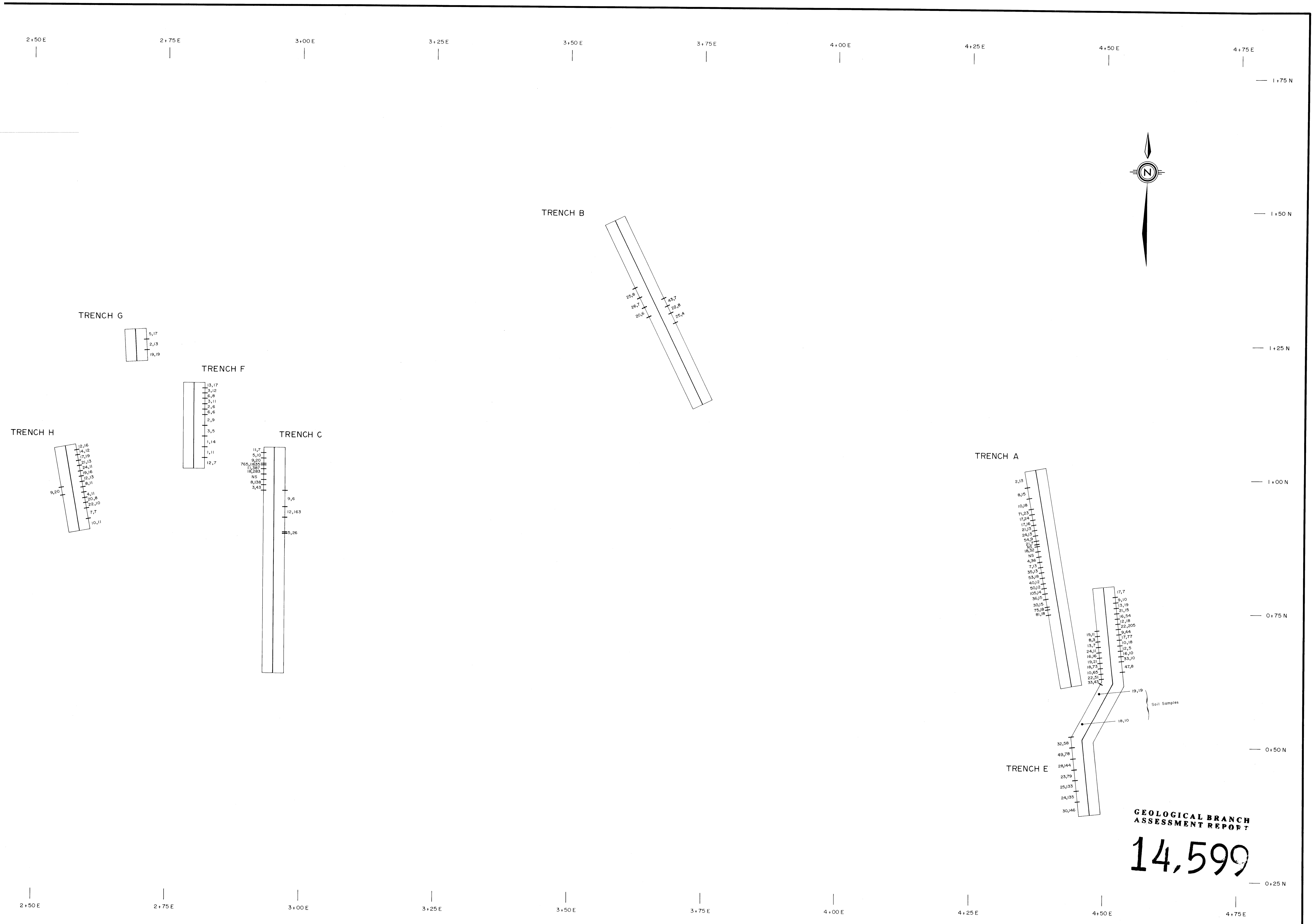
DATE RECEIVED: JUNE 5 1985 DATE REPORT MAILED: June 12/85 ASSAYER. T. Saundry .DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT - BEEKEEPER FILE # 85-0812

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	Hg ppb
E-1	1	80	2	37	.2	17	18	553	5.04	7	5	ND	1	41	1	2	4	155	.82	.17	4	32	1.70	37	.24	2	1.48	.06	.53	1	17	300
E-2	1	81	2	34	.3	13	19	506	4.79	10	5	ND	1	43	1	2	3	152	.89	.17	6	24	1.52	35	.24	6	1.46	.08	.47	1	9	560
E-3	1	58	6	47	.4	14	19	582	5.34	19	9	ND	2	43	1	2	2	174	.82	.17	4	28	2.00	51	.25	7	1.68	.06	.70	1	13	440
E-4	1	98	5	48	.1	12	22	712	5.41	15	5	ND	1	74	1	2	2	171	2.34	.17	7	33	1.91	197	.19	7	1.83	.06	.51	1	21	6300
E-5	1	49	5	47	.2	13	19	1005	4.77	54	5	ND	3	102	1	2	2	109	8.42	.11	8	22	2.95	57	.07	8	1.40	.04	.38	1	16	3500
E-6	1	60	6	60	.2	16	20	989	5.47	18	5	ND	1	72	1	2	2	161	3.46	.16	8	39	2.26	107	.13	5	2.09	.04	.60	1	12	27900
E-7	2	266	9	47	.2	17	40	997	7.73	205	5	ND	1	45	1	2	2	141	3.70	.19	6	38	1.45	44	.01	9	1.12	.02	.19	1	22	16400
E-8	1	116	6	52	.2	19	30	1083	6.17	44	5	ND	1	63	1	2	2	170	3.80	.19	11	51	1.86	111	.05	9	1.33	.02	.37	1	9	85000
E-9	3	118	4	64	.3	22	33	1306	7.28	77	5	ND	1	45	1	2	2	177	3.97	.08	8	59	1.83	104	.01	8	.65	.01	.09	1	17	19000
E-10	1	91	7	50	.1	20	25	1094	6.37	18	5	ND	1	74	1	2	2	160	3.31	.17	9	55	1.88	312	.08	8	1.24	.02	.46	1	10	212000
E-11	1	67	3	44	.1	13	19	1204	5.00	5	5	ND	1	101	1	2	2	136	4.63	.16	6	42	2.28	291	.12	5	1.45	.03	.62	1	12	56200
E-12	1	86	4	51	.2	18	25	1014	5.28	10	5	ND	1	100	1	2	2	161	3.97	.17	9	45	2.55	157	.16	9	2.16	.05	.83	1	16	12400
E-13	1	138	4	54	.3	20	30	966	5.36	10	6	ND	2	66	1	2	2	171	3.15	.17	9	50	2.95	83	.18	6	2.27	.04	.84	1	33	30000
E-14	1	107	2	43	.1	17	20	605	4.96	8	5	ND	1	52	1	2	2	160	.88	.20	5	45	2.27	81	.22	5	1.71	.07	.72	1	47	4300
E-15	2	122	4	37	.2	18	25	592	4.95	11	5	ND	1	25	1	2	3	149	.79	.19	8	48	1.93	47	.20	7	1.54	.04	.67	1	19	1300
E-16	2	81	2	33	.1	23	23	621	5.18	3	5	ND	1	38	1	2	2	159	.82	.17	5	50	1.97	48	.23	2	1.52	.07	.40	1	8	1100
E-17	2	80	5	44	.1	22	20	812	5.04	7	5	ND	1	45	1	2	2	157	1.89	.18	8	64	2.55	47	.19	6	1.92	.05	.59	1	13	1200
E-18	2	111	6	43	.1	14	22	935	4.60	11	5	ND	1	39	1	2	2	143	2.15	.17	10	43	2.31	53	.17	7	1.80	.04	.82	1	24	900
E-19	2	81	3	55	.1	19	24	933	5.89	16	5	ND	1	46	1	2	2	159	2.09	.19	11	53	2.52	70	.13	9	2.13	.03	.62	1	16	665400
E-20	1	96	2	64	.1	23	29	1145	6.64	21	5	ND	1	43	1	2	2	171	3.11	.19	10	58	1.82	392	.06	11	2.12	.02	.40	1	19	1210700
E-21	2	105	5	58	.1	29	33	1084	7.05	73	5	ND	1	39	1	4	2	178	2.40	.06	4	61	1.30	122	.01	12	1.72	.01	.10	1	18	35900
E-22	1	112	2	63	.1	29	35	1505	7.65	65	5	ND	1	39	1	4	2	207	2.32	.10	7	64	.96	220	.01	9	1.28	.01	.12	1	10	25000
E-23	1	92	8	60	.2	23	28	1331	6.41	51	5	ND	2	45	1	3	2	149	3.89	.06	3	39	1.68	204	.01	7	.81	.01	.08	1	22	14000
E-24	1	165	3	64	.1	21	31	1274	6.70	43	5	ND	1	48	1	2	2	175	2.56	.15	6	54	1.63	314	.10	7	1.47	.02	.57	1	33	102000
E-25	2	93	10	52	.1	27	27	1201	6.18	58	5	ND	1	50	1	5	2	157	2.26	.12	9	54	.95	195	.02	14	1.17	.02	.12	1	32	696700
E-26	2	159	6	54	.2	30	32	1304	6.95	78	5	ND	1	43	1	8	2	154	.09	.03	2	47	.45	161	.01	7	.92	.01	.07	1	49	11600
E-27	2	170	5	61	.1	40	32	1453	8.25	144	5	ND	1	39	1	8	2	164	.29	.10	7	56	.69	117	.01	8	1.26	.01	.06	1	28	16000
E-28	2	75	6	52	.1	63	27	1142	5.73	79	5	ND	3	65	1	3	2	160	4.72	.27	14	148	1.65	277	.04	15	1.49	.02	.28	1	23	64900
E-29	3	143	8	61	.1	70	35	1229	7.79	133	5	ND	1	43	1	6	2	177	2.24	.34	16	104	1.16	79	.01	14	1.63	.01	.07	2	25	15000
E-30	3	127	10	58	.1	58	31	1077	6.82	135	5	ND	2	38	1	4	2	164	2.94	.24	7	113	1.10	159	.01	10	1.64	.01	.13	1	24	34000
E-31	4	150	6	99	.2	46	39	1150	8.66	146	5	ND	1	24	1	7	2	166	.34	.16	2	125	.94	134	.01	6	2.57	.01	.06	1	30	8800
F-1	1	83	3	42	.1	23	24	1164	5.21	17	5	ND	4	47	1	4	2	109	9.37	.15	9	39	1.00	211	.06	11	1.53	.01	.28	1	13	1900
F-2	1	80	4	42	.1	23	24	1190	5.37	12	5	ND	3	44	1	2	2	121	8.21	.18	8	55	1.34	201	.09	9	1.46	.01	.38	1	3	850
F-3	1	117	5	40	.1	22	29	1068	5.33	8	5	ND	2	51	1	2	2	136	6.60	.16	9	42	1.64	305	.09	12	1.30	.02	.38	1	6	700
F-4	1	100	13	45	.1	21	24	1027	6.03	11	5	ND	2	42	1	2	2	158	3.72	.21	9	63	1.69	170	.12	11	1.93	.02	.37	1	3	780
F-5	2	124	8	47	.1	23	30	761	6.17	6	5	ND	1	34	1	2	2	158	3.10	.20	12	63	1.97	145	.11	9	2.22	.02	.42	1	2	560
STD C/AU-0.5	21	61	39	136	6.9	68	29	1169	3.92	39	17	7	37	53	16	15	20	59	.48	.15	40	62	.88	172	.08	39	1.71	.06	.12	11	510	1400

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	Hg ppb
F-6	1	66	2	43	.3	23	20	727	5.62	6	5	ND	1	38	1	2	2	166	3.42	.18	11	66	2.36	79	.13	9	2.24	.02	.40	1	6	1300
F-7	1	109	6	32	.2	16	22	1074	4.48	9	5	ND	3	40	1	2	2	113	9.07	.14	9	39	1.38	182	.05	9	1.40	.01	.19	1	2	1900
F-8	1	107	6	45	.2	19	26	838	5.50	5	5	ND	1	39	1	2	2	154	3.93	.18	9	60	2.62	62	.11	7	2.17	.01	.26	1	3	1000
F-9	1	81	5	29	.1	17	25	949	4.44	14	5	ND	3	40	1	2	2	117	8.91	.16	10	30	.98	260	.04	11	1.05	.01	.25	1	1	2000
F-10	1	58	5	28	.1	21	17	1021	3.73	11	5	ND	4	55	1	2	2	100	11.28	.13	10	36	1.44	170	.06	8	1.13	.01	.31	1	1	700
F-11	1	64	2	38	.3	24	22	724	5.16	7	5	ND	1	43	1	2	2	165	3.50	.17	5	74	2.69	79	.17	5	2.26	.03	.52	1	12	670
G-1	1	93	7	31	.2	20	22	469	4.93	17	5	ND	1	56	1	2	2	170	1.34	.19	8	39	1.60	58	.26	9	1.81	.04	.30	1	5	160
G-2	1	79	2	39	.2	17	23	504	5.27	13	5	ND	1	39	1	2	2	187	2.59	.19	7	35	2.00	38	.27	7	2.88	.03	.26	1	2	160
G-3	1	82	3	36	.1	17	23	490	5.00	19	5	ND	1	45	1	2	2	176	1.43	.20	7	35	1.87	58	.28	8	2.13	.04	.36	1	19	110
H-1	4	161	8	13	.1	13	17	182	6.20	16	5	ND	1	69	1	2	2	88	.91	.22	5	23	.48	16	.17	5	1.37	.03	.07	1	12	220
H-2	3	185	2	15	.2	15	22	222	6.32	12	5	ND	1	50	1	2	2	91	.76	.21	5	20	.53	19	.19	7	1.18	.04	.06	1	14	110
H-3	3	204	2	16	.4	11	19	186	7.66	19	5	ND	1	95	1	3	2	95	.84	.21	9	27	.49	27	.20	5	1.28	.07	.07	1	17	80
H-4	2	189	2	16	.1	12	15	236	4.93	13	5	ND	1	76	1	2	2	90	.84	.22	7	29	.66	14	.17	6	1.34	.04	.05	1	21	80
H-5	3	371	5	15	.2	15	25	215	6.77	11	5	ND	1	70	1	2	2	73	.94	.24	5	15	.53	24	.15	9	1.65	.04	.07	1	24	60
H-6	4	264	5	19	.2	13	18	251	6.07	16	5	ND	1	59	1	2	2	119	.79	.20	5	11	.98	28	.23	6	1.82	.04	.07	1	19	90
H-7	2	140	2	10	.2	7	10	134	6.32	13	5	ND	1	96	1	2	2	124	.46	.24	9	30	.37	32	.27	9	.86	.08	.06	1	12	40
H-8	5	119	5	16	.1	7	9	200	6.23	11	5	ND	1	114	1	2	3	149	.82	.22	9	22	.64	40	.28	6	1.10	.06	.09	1	8	60
H-9	2	114	7	22	.2	7	13	299	5.08	11	5	ND	1	54	1	2	2	155	.94	.20	8	1	1.23	28	.27	8	1.67	.05	.08	1	4	30
H-10	2	95	2	17	.1	5	10	232	5.02	8	5	ND	1	62	1	2	3	142	.80	.19	6	12	.77	36	.26	5	1.20	.05	.09	1	20	80
H-11	3	147	2	12	.2	9	13	184	6.97	10	5	ND	1	92	1	2	2	132	.57	.19	9	43	.54	38	.29	7	.92	.05	.08	1	22	70
H-12	2	97	4	11	.3	7	8	101	5.76	7	6	ND	1	157	1	2	2	124	.41	.20	8	55	.64	109	.27	7	.89	.08	.15	1	7	80
H-13	3	125	6	15	.1	9	9	158	6.29	11	5	ND	1	201	1	2	5	157	.45	.21	6	62	1.05	214	.26	5	1.35	.07	.14	1	10	50
H-14	14	105	3	13	.1	11	12	121	6.58	20	5	ND	1	73	1	2	2	180	.14	.18	7	39	1.12	45	.10	9	1.38	.05	.16	1	9	60
I-1	4	157	3	27	.2	19	25	470	5.12	10	5	ND	1	63	1	2	2	170	1.18	.18	8	12	1.20	68	.25	2	2.06	.04	.15	1	24	10
I-2	5	303	6	28	.1	22	48	586	6.14	18	5	ND	1	70	1	2	2	169	1.36	.16	10	16	1.41	36	.23	10	1.89	.04	.15	1	27	50
I-3	2	195	2	30	.1	22	36	558	5.43	17	5	ND	1	65	1	2	2	194	1.52	.17	8	14	1.57	44	.26	12	2.26	.05	.18	1	16	30
I-4	6	269	5	30	.3	24	34	503	5.99	21	5	ND	1	57	1	2	2	166	1.03	.17	9	13	1.32	33	.25	11	2.13	.04	.09	1	23	60
I-5	6	194	4	23	.2	15	16	341	5.72	16	5	ND	1	73	1	2	2	155	.83	.15	7	16	1.19	38	.28	5	2.16	.04	.08	1	89	20
LEMON-1	1	24	7	24	.1	7	9	266	3.51	10	5	ND	1	303	1	2	2	97	1.85	.26	10	5	1.35	8	.11	7	1.96	.03	.02	1	6	30
E-1 SOIL	2	105	10	68	.1	40	27	622	5.41	19	5	ND	2	47	1	2	2	150	.55	.08	8	66	1.54	111	.20	5	2.33	.01	.26	1	19	24000
E-2 SOIL	2	77	8	69	.2	32	20	789	4.64	10	5	ND	1	55	1	2	2	132	.69	.10	8	59	1.30	116	.18	5	2.12	.01	.19	1	18	31900
STD C/AU-0.5	20	58	38	132	7.1	70	30	1128	3.92	39	17	7	35	51	17	15	19	62	.48	.15	38	59	.88	187	.08	41	1.71	.06	.11	12	505	1300

TRENCH A
TRENCH B
TRENCH C
TRENCH E
TRENCH F
TRENCH G
TRENCH H
TRENCH I
Soil Samples
N
GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,599
LEGEND
Au(ppb),Hg(ppb) Geochemistry
0+00/2+50E
L.C.P. BEEKEEPER 1.
760 m at 199°
IMPERIAL METALS CORPORATION
BEEKEEPER
FIGURE 2
N.T.S. 93A/6W
RIDGE ZONE - TRENCHING & SAMPLING PLAN
ROCK CHIP GEOCHEMISTRY: Au, Hg
Metres 5 0 5 10 15 20 Metres
SCALE: 1:250
GEOLOGIST: W. MORTON
DATE: JULY 1985
DRAWN BY: S. HAWORTH



LEGEND

Au(ppb), As(ppm) Geochemistry

0+00/2+50E
L.C.P. BEEKEEPER 1
760 m at 199°

IMPERIAL METALS CORPORATION

BEEKEEPER

FIGURE 3 N.T.S. 93A/6W

RIDGE ZONE - TRENCHING & SAMPLING PLAN

ROCK CHIP GEOCHEMISTRY: Au, As

Metres 5 0 5 10 15 20 Metres

SCALE: 1:250	GEOLOGIST: W. MORTON
DATE: JULY 1985	DRAWN BY: S. HAWORTH

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,599

LEGEND

Au(ppb),Cu(ppm) Geochemistry

0+00/2+50E
L.C.P. BEEKEEPER I.
760 m at 199°

IMPERIAL METALS CORPORATION

BEEKEEPER

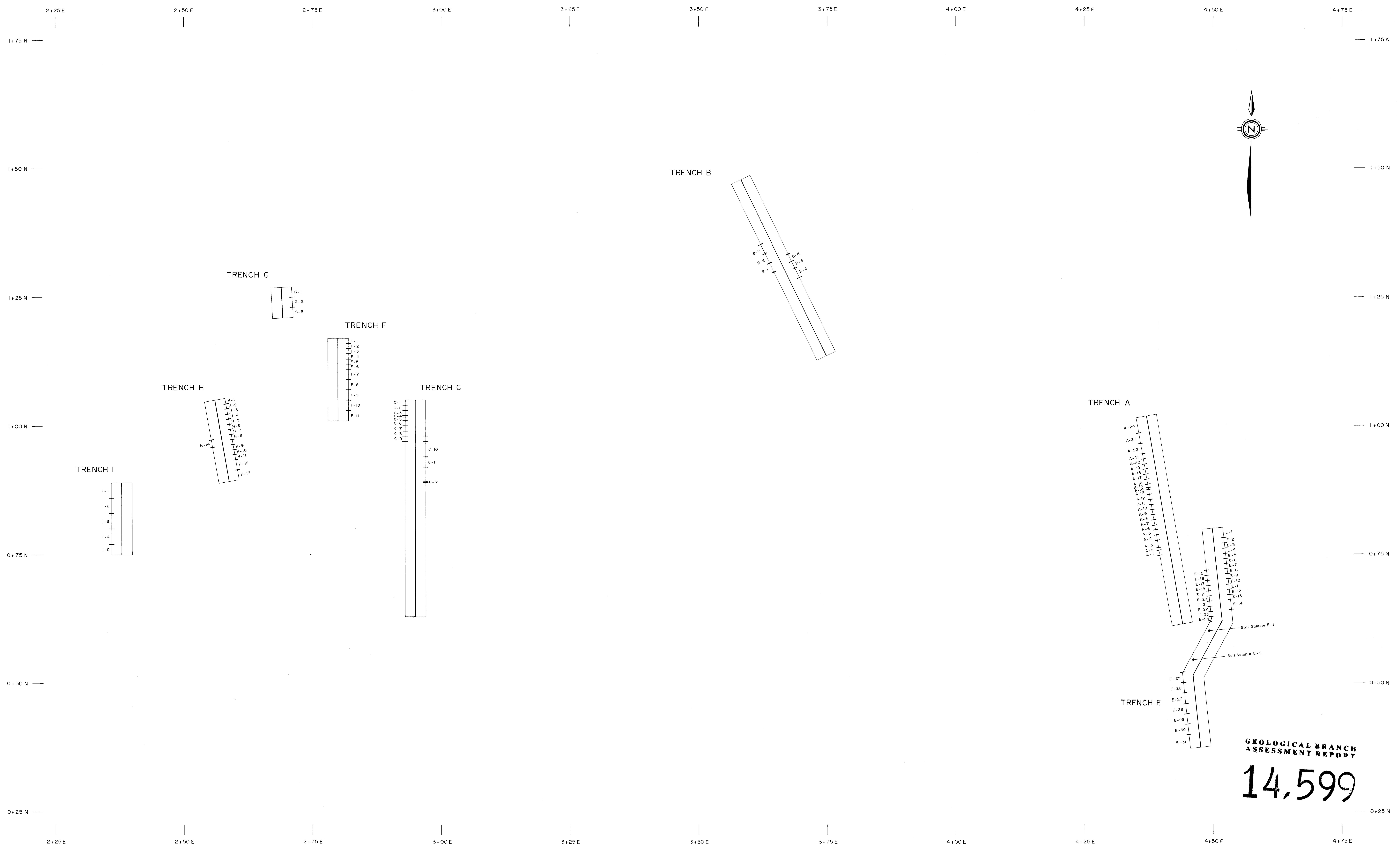
FIGURE 4 N.T.S. 93A/6W

RIDGE ZONE - TRENCHING & SAMPLING PLAN

ROCK CHIP GEOCHEMISTRY: Au, Cu

Metres 5 0 5 10 15 20 Metres

SCALE: 1:250	GEOLOGIST: W. MORTON
DATE: JULY 1985	DRAWN BY: S. HAWORTH



LEGEND

E-24 Location & Number of Sample

0+00/2+50E
L.C.P. BEEKEEPER I,
760 m at 199°

IMPERIAL METALS CORPORATION

BEEKEEPER

FIGURE 5 N.T.S. 93A/6W

RIDGE ZONE - TRENCHING & SAMPLING PLAN

ROCK CHIP SAMPLE LOCATIONS

Metres 5 0 5 10 15 20 Metres

SCALE: 1:250	GEOLOGIST: W. MORTON
DATE: JULY 1985	DRAWN BY: S. HAWORTH