85-523-14521

A RECONNAISSANCE SOIL AND LITHOGEOCHEMICAL SURVEY

Specific Claims:	Goldaxe 1 #6349 (7) Goldaxe 2 #6350 (7) Goldaxe 3 #6351 (7) Axel 6 #5661 (8) Axel 7 #5662 (8) Axel 8 #5663 (8)
NTS:	93N/13W
	07/86
Latitude:	55° 59'
Longitude:	126° 59'
Owner:	Imperial Metals Corporation Equinox Resources Ltd.
Operator:	Imperial Metals Corporation
Author:	J.W. Morton
Date:	June 1985

FILMED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,521

07/86

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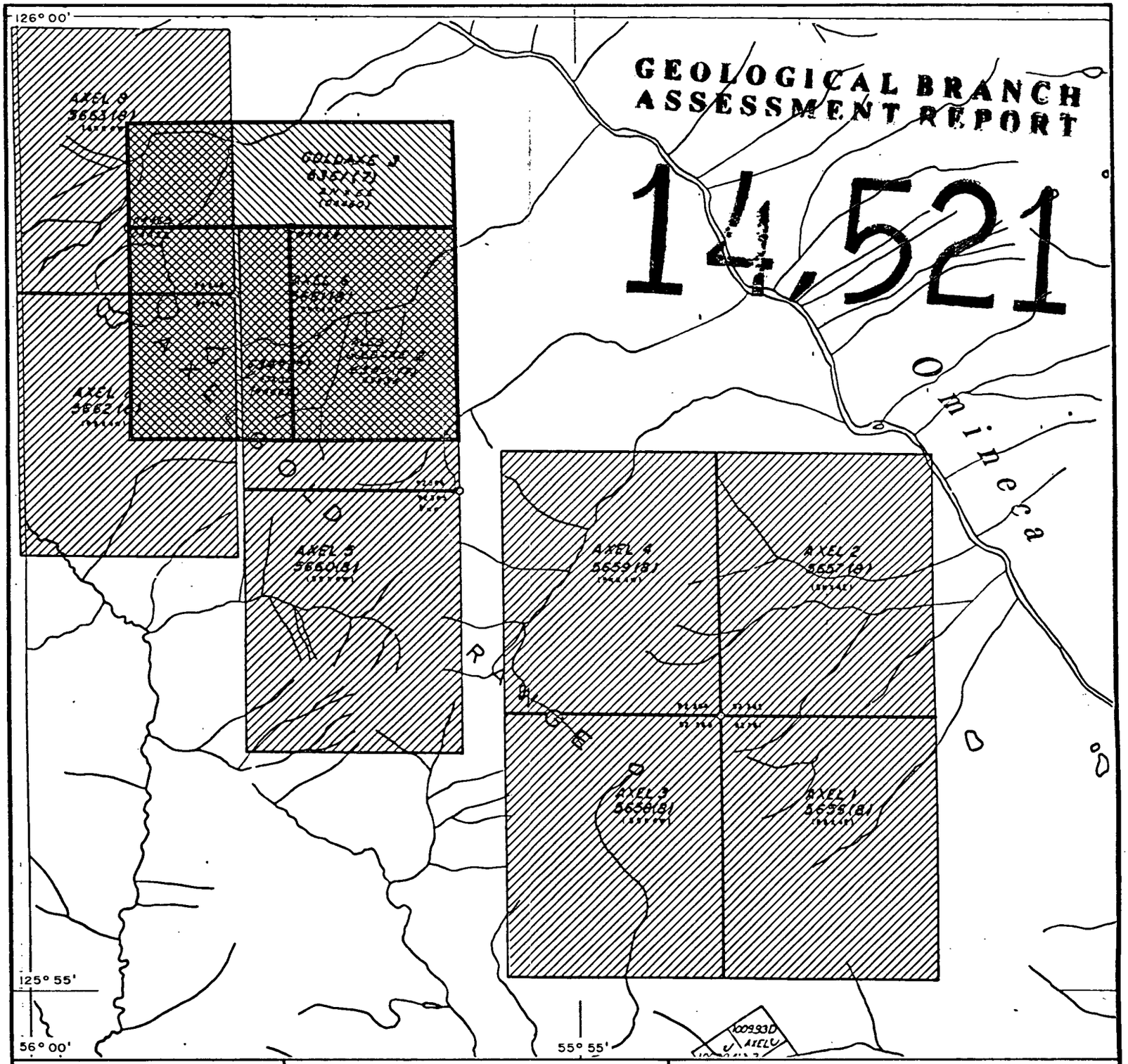
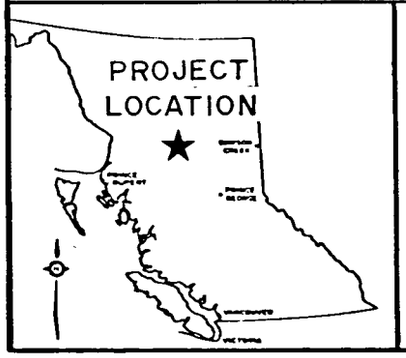




LEGEND

AXEL Claims

GOLDAXE Claims

IMPERIAL METALS CORPORATION

AXELGOLD JOINT VENTURE

FIGURE 1 N.T.S. 93N/13W

GOLDAXE AND AXEL CLAIMS

Km 1 0 1 2 Km

SCALE: 1:50 000 GEOLOGIST: W. MORTON

DATE: JUNE 1985 DRAWN BY: S. HAWORTH

INTRODUCTION

General Geographical and Physiographical Position

The Goldaxe claims are located in the Axelgold mountains approximately 150 kilometers northeast of Smithers, B.C. The claims occur on the north slope of the mountain range with elevations varying between 1,000 and 1,900 meters (3,200 to 6,100 feet). Vegetation occurring on the claims consists of open spruce-alpine fir forest at the lower elevations and alpine mosses and grasses at the higher elevations. Access to the Goldaxe claims is presently by helicopter.

Property Definition

A complex geolocial setting exists that consists of several thrust fault slices trending northwesterly that separate sheared volcanic breccias, sheared rhyolite porphyry and argillaceous phyllite. A megacrystic feldspar porphyry is intrusive into these sheared lithologies. Portions of this megacrystic feldspar porphyry are well altered by silica and iron carbonate replacement. The locus of several faults cutting the property are expressed by extensive areas of serpentinization and carbonatization developed within several lithologies.

SUMMARY OF WORK COMPLETED

- 4,500 meters of soil line was established.
- 91 soil samples were collected.
- 21 rock samples were documented and sampled to establish lithogeochemical significances.
- A lower base camp was established for use throughout the 1985 season and a permanent fuel cache was established.

Soils were sampled utilizing a soil mattock from a depth of approximately 20 cms (typically from the Bm horizon). Samples were placed in brown paper bags and were air dried before shipment to Acme Labs in Vancouver. At Acme Laboratories samples were further dried and sieved to minus 80 mesh.

Work was completed on the Goldaxe 3 and Axel 8 claims.

RESULTS

Figure 2 outlines gold-arsenic content of the soil survey completed during the survey. Gold values are rather randomly distributed while arsenic content is strongest in the extreme eastern and southwestern regions of the survey. Figure 3 outlines the location of lithogeochemical samples collected during the survey. Sample GA-MR-5 has the only significant gold content of the samples collected and as such remains the most likely source of the geochemical silt anomaly that lied to the staking of the claims. Several petrographic descriptions are included in the appendix of this report. It is worthwhile to note that due to late spring conditions, heavy snow impeded the execution of this program.

RECOMMENDATIONS

Establish a contour soil sample grid immediately above sample GA-MR-5.

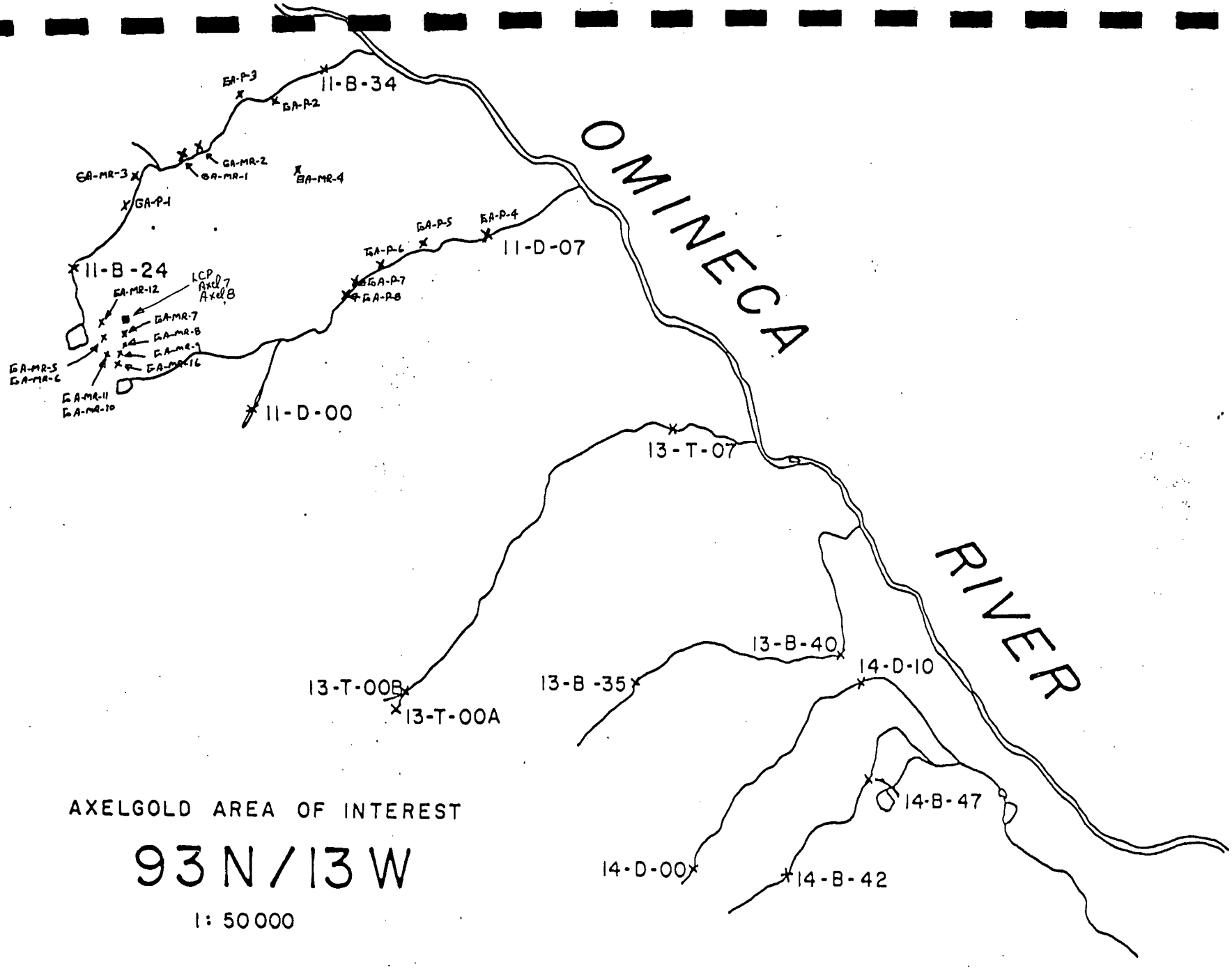
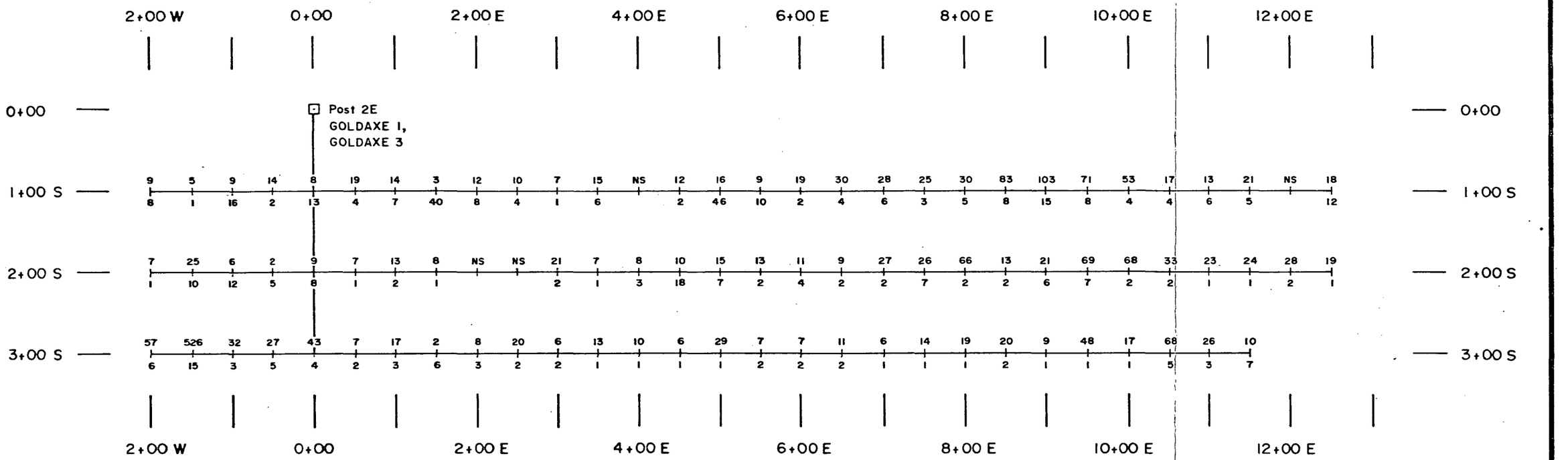

OMINECA
RIVER
11-B-34
GA-P-3
GA-P-2
GA-MR-2
GA-MR-1
GA-MR-3
GA-MR-4
GA-P-1
11-B-24
GA-MR-12
LCP
Axel 7
Axel 8
GA-MR-7
GA-MR-8
GA-MR-9
GA-MR-16
GA-MR-5
GA-MR-6
GA-MR-11
GA-MR-10
GA-P-5
GA-P-4
GA-P-6
GA-P-7
GA-P-8
11-D-07
11-D-00
13-T-07
13-B-40
14-D-10
13-B-35
13-T-00B
13-T-00A
14-B-47
14-D-00
14-B-42
AXELGOLD AREA OF INTEREST
93 N / 13 W
1: 50 000

Figure 3.



LEGEND

As(ppm) / Au(ppb) — Geochemistry

GEOLOGICAL BRANCH
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IMPERIAL METALS CORPORATION

GOLDAXE CLAIMS - AXELGOLD J.V.

FIGURE 2 — N.T.S. 93N/13W

RECONNAISSANCE SOIL
GEOCHEMISTRY: As, Au

Metres 100 0 100 200 Metres

SCALE: 1:5000	GEOLOGIST: W. MORTON
DATE: JULY 1985	DRAWN BY: S. HAWORTH

COSTS

Manpower;	J.W. Morton	June 8 - June 16	10 days @ $200/day	$ 2,000
	R. Pesalj	June 7 - June 16	10 days @ $200/day	2,000
	T. MacKenzie	June 7 - June 16	10 days @ $110/day	1,100
	R. Boase	June 7 - June 16	10 days @ $ 75/day	750
	D. Dunlop	June 7 - June 16	10 days @ $ 75/day	750
Camp Costs		50 man days @ $30/day		1,500
Transportation Costs		Vehicle; 2,000 km @ 25¢/km		500
Fixed Wing Aircraft		June 9 - June 16	(620 miles total)	1,469
Helicopter		7 hours @ $500/hour		3,500
Assay Costs		91 soil samples @ $10.60 each		964
Report Preparation				500
				$ 15,033

AUTHOR 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 the work described in this report.

J.W. Morton,
Geologist

TRAVERSE NUMBER _____ PROJECT Axelgold J.V. GEOLOGIST(S) J.W. Morton/R. Pesalj

N.T.S. 93N/13W AREA Axelgold Range, B.C. DATE June 1985

SAMPLE NUMBER	SAMPLE TYPE			SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION	RESULTS (ppm)/%/oz. per ton)						
	RX Rock, Talus	Fe carbonate content	Grab, Chip, Channel			Rock type, lithology, character of soil, stram silt, etc. Formation, Mineralization, etc.	Au ppb	Ag ppm	As ppm	Sb ppm	Pb ppm	Zn ppm	
GA-P1	Talus					Dark grey argillaceous sediment cut by veinlets of grey quartz. Veinlets cross-cut rock foliation/bedding.	2	.2	26	3	3	24	
GA-P2	Boulder					Fine to medium grained felsic intrusive cut by quartz veins 1-10mm wide. Diss py 3-5%. Boulder in stream 20x20cm sub-angular.	65	.5	123	86	8	154	
GA-P3	Boulder					Volcanic breccia, consists of light grey volcanic matrix and clasts of argilla-ceous and cherty sediments. Spotty Fe carbonate alteration and mariposite throughout. Subangular boulder 30x50cm.	2	.3	129	11	4	105	
GA-P4	Boulder					Light grey c.g. intrusive, poss. syenite? diss. py 3-5%. Subangular boulder 25x25cm	31	.3	50	7	25	29	
GA-P5	Boulder					Megacrystic syenite? porphyry, groundmass f.g.-m.g. phenocrysts of plagioclase to 5 cm. long. Diss. py in groundmass and seldom in plag. 5-8%. Boulder 20 x 20cm subangular.	20	.6	41	11	49	42	

TRAVERSE NUMBER _____ PROJECT Axelgold J.V. GEOLOGIST(S) J.W. Morton/R. Pesalj

N.T.S. 93N/13W AREA Axelgold Range, B.C. DATE June 1985

SAMPLE NUMBER	SAMPLE TYPE			SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION	RESULTS (ppm)/%/oz. per ton)						
	RX Rock, Talus	Fe carbonate content	Grab, Chip, Channel			Rock type, lithology, character of soil, stram silt, etc. Formation, Mineralization, etc.	Au ppb	Ag ppm	As ppm	Sb ppm	Pb ppm	Zn ppm	
GA-P6	Boulder					White, c.g. quartz vein boulder 40 x 50cm subrounded. Minor impurities along the fractures of the vein.	1	.3	2	2	3	3	
GA-P7	Boulder					Silicified breccia, dark grey argillite clasts 2-10mm angular, also rusty Fe carbonate rich clasts cemented by quartz and calcite cement.	1	.1	11	5	7	41	
GA-P8	Boulder					Green intermediate volcanic albitized? cut by white quartz veins. Minor fragments of dark grey argillite along vein contacts + Fe carbonate, mariposite, few grains of Py.	1	.3	77	9	8	44	
GA-MR1	Boulder					Strongly sheared rhyolite flow, green chloritic bands and fresh beige bands alternating giving rock banded texture.	1	.1	2	2	5	41	
GA-MR2	Boulder					Light grey, c.g. syenite? slightly kaolimized, mafic minerals chloritized, diss sulfides in chloritic patches 2-3%, slightly magnetic.	2	.1	2	2	7	45	
GA-MR3	Boulder					Dark grey argillite cut by white quartz vein 3cm wide	1	.1	3	2	5	33	

TRAVERSE NUMBER _____ PROJECT Axelgold J.V. GEOLOGIST(S) J.W. Morton/R. Pesalj

N.T.S. 93N/13W AREA Axelgold Range, B.C. DATE June 1985

SAMPLE NUMBER	SAMPLE TYPE			SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION	RESULTS (ppm)/%/oz. per ton)						
	RX Rock, Talus	Fe carbonate content	Grab, Chip, Channel			Rock type, lithology, character of soil, stram silt, etc. Formation, Mineralization, etc.	Au ppb	Ag ppm	As ppm	Sb ppm	Pb ppm	Zn ppm	
GA-MR4	Rubble					Dark green, massive equigranular rock, consists of dark green amphibole, prob. hornblende and light, silvery amphibole (tremolite?). Hornblendite.	28	.1	410	5	6	44	
GA-MR5	Rock					Porphyritic syenite? consists of m.g. groundmass and light grey or white plagioclase phenocrysts. Groundmass slightly chloritc, diss py 1-2%.	260	.5	70	5	30	8	
GA-MR6	Rock					Light grey m.g. granitic intrusive, probably syenite? slightly bleached, kaolimized, diss Py 5%, cut by thin veinlets of white quartz.	33	3.2	59	47	92	11	
* GA-MR7	Rock					Highly bleached, kaolinized syenite? light Fe carb. alteration as rusty patches or along the fractures, also Fe oxide stained.	4	.2	40	5	36	84	
** GA-MR8	Rock					Light coloured and well foliated lapilli tuff.	11	.2	76	11	48	47	
***GA-MR9	Rock					Rusty weathered, poss. Fe carbonate rich syenitic? intrusive rock. Composition not clear due to heavy Fe oxide stain.	7	.4	15	5	61	134	

* GA-MR7: Classified as a dacite porphyry by thin section description.
** GA-MR8: Classified as a dacite lapilli tuff by thin section description.
*** GA-MR9: Classified as a porphyritic diorite by thin section description.

TRAVERSE NUMBER _____ PROJECT Axelgold J.V. GEOLOGIST(S) J.W. Morton/R. Pesalj

N.T.S. 93N/13W AREA Axelgold Range, B.C. DATE June 1985

SAMPLE NUMBER	SAMPLE TYPE			SAMPLE LENGTH, WIDTH, AREA	LATITUDE, LONGITUDE and/or U.T.M.	SAMPLE DESCRIPTION	RESULTS (ppm)/%/oz. per ton)						
	RX Rock, Talus	Fe carbonate content	Grab, Chip, Channel			Rock type, lithology, character of soil, stram silt, etc. Formation, Mineralization, etc.	Au ppb	Ag ppm	As ppm	Sb ppm	Pb ppm	Zn ppm	
GA-MR10	Rock					Rusty weathered, m.g. granitic intrusive rock, poss. syenite? Mineral identification difficult due to heavy Fe oxide staining.	21	.6	34	6	108	110	
*GA-MR11	Rock					Rusty weathered porphyritic rock, phenocrysts of feldspar? to 2cm long. Mineral identification difficult due to heavy Fe oxide staining. Fe carbonate in form of specks throughout the specimen.	2	.1	9	2	67	91	
GA-MR12	Rock					Gossanized syenite? intrusive, m.g. brown, rusty coloured, cut by thin veinlets of grey quartz. Mineral composition not certain due to oxidation.	2	.2	5	4	22	65	
GA-MR16	Rock					Bleached, kaolinized syenite? diss Py 1-3%.	15	.7	49	5	181	77	

* GA-MR11: Classified as an altered dacite-andesite porphyry by thin section description.

Sample GA-MR7 DACITE PORPHYRY

Estimated mode

Phenocrysts (plagioclase with minor K-spar)	50
Groundmass	
Plagioclase	25
Quartz	15
Sericite	7
Jarosite) Limonite)	3
Zircon	trace

This rock consists of abundant subhedral-euhedral feldspar phenocrysts, 0.4 - 4.0mm in size, set in a felsitic groundmass.

The phenocrysts are plagioclase of andesine composition with minor K-spar as patchy and crypto-perthitic intergrowths. Their outlines show local embayment by the groundmass.

The groundmass is a felsitic aggregate of anhedral granular plagioclase and quartz on the scale 0.01 - 0.05mm. Quartz is a rather abundant groundmass constituent, forming small irregular clumps and individual grains throughout; however, no quartz phenocrysts are present. The groundmass contains no K-spar.

The plagioclase phenocrysts are mainly quite fresh and show somewhat diffuse and locally deformed twinning. They sometimes show mild sericitization.

The groundmass shows a pervasive weak dusting of very fine-grained sericite and local development of more concentrated wisps of sericite. The latter show a sub-parallel orientation, bestowing a rudimentary foliation - possibly indicative of weak shearing.

Mafic minerals or their altered equivalents are essentially absent. The only other constituents are jarosite and/or limonite as tiny cubic euhedral grains, 0.01 - 0.02mm, (pseudomorphs after pyrite?) and irregular clumps. This material is seen mainly in the groundmass but also occurs as veinlets and patches in some of the phenocrysts. Many of the cubic pseudomorphs are simply brown-rimmed empty casts.

In certain areas the groundmass has an obscurely fragmental aspect. However, no definite fragment outlines can be distinguished and the rock, overall, has more the appearance of a porphyritic intrusive or extrusive.

Sample GA-MR8 DACITE LAPILLI TUFF

Estimated mode

Fragments	
Plagioclase	62
K-feldspar	3
Quartz	10
Groundmass	
Sericite	15
Felsite	3
Secondary minerals	
Jarosite)	
Scorodite)	7
Limonite)	
Pyrite)	

This rock consists of close-packed clasts, 0.2 - 10.0mm or more, in a fine-grained matrix.

The clasts are dominantly lithic fragments - consisting of various porphyritic, felsitic or trachytic, plagioclase-rich, mafic-poor volcanics. A Minor proportion of the clasts are crystal fragments of plagioclase, with or without minor intergrown cryptoperthitic K-spar and sometimes with adhering or included felsite and/or granular quartz.

The clasts show a variable, but generally low, level of sericitization. They are set in a matrix of intensely sericitized felsite. Mainly this consists of a mass of fine-grained felted sericite with local diffuse remnants of crypto-crystalline felsite. Elsewhere the clasts are packed so closely that the matrix consists of no more than thin cementing wisps and films of sericite.

The groundmass is locally cut by sub-parallel anastomosing shears, strongly limonitized.

The only other constituents are rather abundant disseminated grains and clusters of various mixtures of limonite, jarosite and what appears to be scorodite (iron arsenate). These coat cavities and form more or less euhedral granules, probably pseudomorphous after pyrite (minor amounts of which still survive). These secondary phases occur not only in the groundmass, but also as irregular clumps and pockets in some of the clasts. They are rather evenly distributed without apparent structural control.

Sample GA-MR9 PORPHYRITIC DIORITE

Estimated mode

Plagioclase	82
K-feldspar	6
Carbonate	5
Sericite	3
Opaques	2
Limonite	2
Quartz	trace

This rock contains coarse, subhedral phenocrysts of plagioclase with minor intergrown K-feldspar. These range in size from 1 to 20mm or more.

The phenocrysts are set in a medium-grained meshwork groundmass of subhedral prismatic feldspars, 0.2 - 0.5mm, consisting of plagioclase with minor K-spar.

Sericite occurs as sparse tiny flecks throughout the groundmass, and locally forms more concentrated intergranular films. The feldspars are generally clear and fresh in both groundmass and phenocrysts.

Carbonate is the other main accessory constituent. This forms flecks and intergranular fillings like the sericite and also occurs rather prominently as sub-parallel hair-line veinlets and intersecting networks of micro-fractures. It is typically strongly limonitized. Carbonate also forms irregular pockets and prismatic patches (probably pseudomorphs after mafics), sometimes containing tiny euhedral quartz grains.

Fine-grained pyrite is associated with some of the carbonate pockets and veinlets and also occurs disseminated randomly through the rock.

Apatite forms scattered euhedral individuals, 0.2 - 0.5mm, in the groundmass feldspar aggregate.

This is a weakly sheared rock of intrusive aspect. It is essentially quartz-free and also low in mafic constituents. It shows ferruginous/carbonate alteration.

Sample GA-MR11 ALTERED DACITE-ANDESITE PORPHYRY

Estimated mode

Plagioclase	(phenocrysts)	50
"	(groundmass)	25
Sericite		13
Limonite		7
Carbonate		2
Apatite		trace
Quartz		3

This is another rock of generally similar composition to others of the suite, but possessing some distinctive features.

It contains coarse phenocrysts of plagioclase, 1 - 10mm in size, set in a very fine-grained (0.01mm) feathery to trachytic-textured plagioclase groundmass.

The phenocrysts are essentially unaltered in a pervasive sense, but are commonly cut by discrete sub-parallel veinlets (following cleavages and micro-fractures) of sericite, fine-grained limonitic carbonate and quartz.

The groundmass is strongly pervaded by fine-grained sericite and has a high content of tiny orange-brown granules and dispersed limonite staining. The granules appear to be limonite and limonite-stained carbonate. This ferruginous material also occurs rather abundantly as sub-prismatic, sometimes skeletal clumps 0.2 - 1.0mm in size, (often with intergrown fine-grained quartz) which appear to be pseudomorphs of smaller phenocrysts. The original composition of these is unclear. Sometimes they contain remnants of plagioclase and they may simply have been smaller feldspar phenocrysts which were more susceptible to alteration. The coarse phenocrysts do, in fact, often show the beginnings of ferruginous veining and replacement extending in from the adjacent groundmass. A few of the limonitic pseudomorphs show modified diamond shapes uncharacteristic of feldspars and may be after mafic silicates.

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 AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 21 1985 DATE REPORT MAILED: June 27/85 ASSAYER. V. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

IMPERIAL METALS CORPORATION PROJECT - AXELGOLD FILE # 85-1043 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
13-85-T-1	1	44	11	57	.1	90	15	506	2.85	33	5	ND	1	22	1	2	3	56	.64	.11	7	80	1.25	106	.11	2	1.42	.03	.06	1	14
13-85-T-2	1	49	7	62	.1	98	16	558	3.14	43	5	ND	1	23	1	2	3	63	.67	.10	8	89	1.34	117	.12	2	1.61	.03	.05	1	42
13-85-T-3	2	47	7	63	.1	103	15	502	2.86	43	5	ND	1	19	1	2	2	52	.56	.10	5	76	1.17	124	.10	3	1.29	.02	.07	1	8
13-85-T-4	2	33	3	59	.1	70	11	490	2.45	13	5	ND	1	19	1	2	2	48	.69	.08	4	48	.87	121	.09	2	1.21	.01	.05	1	9
13-85-T-5	2	59	8	78	.2	142	17	609	3.22	70	5	ND	1	19	1	2	2	56	.77	.10	7	87	1.23	122	.08	5	1.41	.02	.06	1	32
13-85-T-6	4	88	9	114	.4	179	23	977	4.54	139	5	ND	1	17	1	2	4	66	.67	.12	12	100	1.30	92	.07	3	1.51	.01	.06	1	28
13-85-R-1	2	66	2	93	.2	443	30	902	4.33	17	5	ND	1	17	1	2	3	77	.46	.07	6	264	2.55	112	.11	4	2.39	.01	.04	1	7
6A-S 1+00S 2+00W	2	18	4	36	.1	87	9	194	2.79	9	5	ND	1	5	1	2	2	64	.13	.06	3	140	1.04	44	.11	3	1.39	.02	.03	1	8
6A-S 1+00S 1+50W	1	9	5	27	.1	40	6	154	2.46	5	5	ND	1	5	1	2	2	78	.13	.03	3	91	.81	39	.23	4	1.08	.01	.02	1	1
6A-S 1+00S 1+00W	1	22	4	38	.3	105	9	182	2.73	9	5	ND	1	5	1	2	2	49	.16	.05	2	169	1.25	54	.08	24	1.57	.02	.03	1	16
6A-S 1+00S 0+50W	2	16	4	35	.1	90	10	215	3.03	14	5	ND	1	6	1	2	2	103	.18	.03	5	171	1.26	57	.17	21	1.18	.02	.03	1	2
6A-S 1+00S 0+00W	2	34	6	63	.2	190	17	395	3.11	8	5	ND	1	9	1	2	2	63	.29	.03	4	182	1.79	135	.11	18	1.82	.03	.05	1	13
6A-S 1+00S 0+50E	4	80	9	115	.2	297	29	918	5.10	19	5	ND	1	18	1	2	2	96	.40	.10	8	217	2.21	309	.10	22	2.99	.02	.13	1	4
6A-S 1+00S 1+00E	2	19	2	40	.2	87	10	206	3.62	14	5	ND	1	7	1	2	2	92	.24	.12	3	147	1.22	65	.12	18	1.58	.02	.04	1	7
6A-S 1+00S 1+50E	2	9	2	19	.4	45	5	100	1.25	3	5	ND	1	9	1	2	2	35	.19	.03	3	92	.73	57	.07	21	.88	.02	.02	1	40
6A-S 1+00S 2+00E	2	60	4	56	.4	106	12	282	4.71	12	5	ND	1	12	1	2	2	81	.25	.26	2	130	1.28	74	.11	20	2.02	.04	.04	1	8
6A-S 1+00S 2+50E	3	40	4	76	.1	189	16	575	3.02	10	5	ND	1	16	1	2	2	64	.39	.08	6	149	1.65	186	.09	23	1.84	.03	.05	1	4
6A-S 1+00S 3+00E	3	37	8	59	.3	115	11	228	2.96	7	5	ND	2	9	1	2	2	63	.21	.04	5	119	1.20	129	.11	29	2.02	.03	.04	1	1
6A-S 1+00S 3+50E	3	77	6	113	.4	187	20	604	3.91	15	5	ND	2	22	1	2	2	71	.49	.10	7	152	1.85	210	.12	19	2.03	.04	.11	1	6
6A-S 1+00S 4+50E	2	38	2	55	.6	85	10	441	1.89	12	5	ND	1	26	1	2	2	38	.48	.08	6	94	.91	179	.04	22	1.05	.02	.05	1	2
6A-S 1+00S 5+00E	2	24	4	45	.2	63	7	170	4.16	16	5	ND	1	7	1	2	2	78	.17	.06	3	136	.89	76	.11	14	1.91	.02	.03	1	46
6A-S 1+00S 5+50E	2	18	3	38	.2	50	7	213	3.18	9	5	ND	1	9	1	2	2	76	.17	.07	3	99	.77	54	.12	16	1.55	.02	.03	1	10
6A-S 1+00S 6+00E	2	27	6	46	.2	93	10	299	3.03	19	5	ND	1	13	1	2	4	58	.35	.13	4	115	1.16	79	.08	18	1.48	.03	.04	1	2
6A-S 1+00S 6+50E	3	43	3	85	.4	121	13	292	3.61	30	5	ND	1	32	1	4	2	64	.40	.07	6	117	1.33	138	.10	20	2.10	.03	.06	1	4
6A-S 1+00S 7+00E	5	57	4	76	.5	90	12	375	3.84	28	5	ND	1	28	1	2	5	86	.28	.05	5	114	.96	187	.12	28	1.71	.02	.06	1	6
6A-S 1+00S 7+50E	3	37	6	72	.2	107	13	421	3.05	25	5	ND	1	81	1	3	2	59	.59	.08	6	100	1.11	162	.07	18	1.75	.03	.05	1	3
6A-S 1+00S 8+00E	2	19	3	33	.3	34	7	138	1.65	30	5	ND	1	15	1	2	2	42	.21	.04	4	62	.58	97	.08	20	.93	.02	.03	1	5
6A-S 1+00S 8+50E	5	43	5	43	.1	39	8	195	4.95	83	5	ND	2	12	1	2	2	80	.16	.07	4	115	.54	98	.16	17	2.25	.02	.04	1	8
6A-S 1+00S 9+00E	2	38	4	47	.2	60	10	272	4.58	103	5	ND	1	13	1	2	2	77	.20	.07	4	94	.83	104	.11	17	2.05	.03	.03	1	15
6A-S 1+00S 9+50E	2	19	9	46	.1	25	7	373	2.95	71	5	ND	1	15	1	2	2	93	.13	.05	5	53	.49	85	.17	13	1.31	.01	.03	1	8
6A-S 1+00S 10+00E	2	29	6	55	.8	57	9	236	3.13	53	5	ND	1	13	1	2	2	72	.20	.09	8	103	.97	83	.09	19	1.95	.02	.04	1	4
6A-S 1+00S 10+50E	2	24	6	51	.4	47	11	320	2.21	17	5	ND	1	22	1	2	2	52	.32	.06	6	66	.78	137	.10	23	1.60	.03	.03	1	4
6A-S 1+00S 11+00E	2	15	3	28	.1	23	4	109	1.54	13	5	ND	1	11	1	2	2	51	.14	.04	4	50	.43	62	.13	15	1.14	.02	.02	1	6
6A-S 1+00S 11+50E	2	28	3	67	.2	62	9	273	2.65	21	5	ND	1	28	1	2	2	55	.36	.07	5	66	.78	125	.09	15	1.52	.03	.04	1	5
6A-S 1+00S 12+50E	2	21	2	44	.3	40	8	330	3.85	18	5	ND	1	11	1	2	2	71	.15	.06	4	76	.70	72	.11	2	1.59	.02	.03	1	12
6A-S 2+00S 2+00W	1	4	2	8	.2	4	1	86	.34	7	5	ND	1	6	1	2	2	37	.10	.03	8	24	.12	29	.20	20	.31	.01	.01	1	1
STD C/AU 0.5	20	61	39	136	7.0	66	29	1171	3.94	37	16	8	37	54	18	16	19	57	.48	.15	39	59	.88	188	.08	39	1.72	.06	.12	12	490

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
6A-S 2+00S 1+50W	3	30	13	60	.2	62	8	242	6.43	25	5	ND	2	6	1	2	6	208	.11	.11	4	112	.74	68	.30	7	1.67	.01	.03	1	10
6A-S 2+00S 1+00W	2	15	9	37	.1	55	8	324	2.82	6	5	ND	1	7	1	2	3	133	.15	.05	3	113	.96	30	.37	2	1.13	.01	.02	1	12
6A-S 2+00S 0+50W	1	6	8	16	.1	23	3	121	.86	2	5	ND	1	7	1	2	2	30	.15	.05	4	46	.39	23	.11	4	.51	.01	.02	1	5
6A-S 2+00S 0+00W	2	26	13	40	.3	61	9	330	2.65	9	5	ND	1	8	1	2	2	83	.17	.09	4	69	.58	85	.18	6	.95	.01	.03	1	8
6A-S 2+00S 0+50E	2	48	7	62	.4	261	18	290	3.27	7	5	ND	1	7	1	2	2	61	.27	.07	4	207	1.94	106	.09	9	2.41	.03	.05	1	1
6A-S 2+00S 1+00E	2	41	10	50	.4	158	15	231	3.13	13	5	ND	1	6	1	3	2	57	.20	.06	3	173	1.47	70	.10	10	2.30	.02	.03	1	2
6A-S 2+00S 1+50E	2	46	9	41	.2	189	19	377	2.86	8	5	ND	1	8	1	2	6	60	.32	.06	4	182	1.85	89	.12	4	1.85	.03	.04	1	1
6A-S 2+00S 3+00E	3	17	10	36	.4	68	8	252	2.20	21	5	ND	1	5	1	3	3	97	.15	.06	4	101	.85	57	.21	4	1.04	.01	.05	1	2
6A-S 2+00S 3+50E	1	12	7	21	.2	40	6	118	1.97	7	5	ND	1	5	1	2	2	65	.15	.04	3	78	.63	39	.11	4	.82	.02	.02	1	1
6A-S 2+00S 4+00E	3	18	9	47	.3	68	9	225	4.59	8	5	ND	1	5	1	2	2	102	.17	.04	4	154	1.02	61	.17	3	1.96	.02	.03	1	3
6A-S 2+00S 4+50E	3	23	12	79	.1	45	11	573	5.51	10	5	ND	1	9	1	2	6	145	.15	.16	5	112	1.15	75	.32	19	1.80	.01	.03	1	18
6A-S 2+00S 5+00E	3	34	5	93	.6	151	15	461	3.52	15	5	ND	1	11	1	2	2	64	.32	.14	6	147	1.42	109	.08	18	2.10	.03	.05	1	7
6A-S 2+00S 5+50E	3	51	6	136	1.5	149	10	291	3.37	13	5	ND	1	19	1	2	2	69	.35	.07	6	133	1.37	246	.08	18	2.29	.02	.08	1	2
6A-S 2+00S 6+00E	3	23	4	55	.2	55	8	255	3.15	11	5	ND	1	10	1	2	2	92	.17	.06	4	100	.94	75	.13	14	1.46	.02	.02	1	4
6A-S 2+00S 6+50E	2	39	6	87	.4	144	13	471	2.72	9	5	ND	1	73	1	2	2	55	.54	.08	6	113	1.25	168	.07	18	1.80	.03	.05	1	2
6A-S 2+00S 7+00E	6	44	7	59	.3	82	9	226	3.95	27	5	ND	1	29	1	2	2	74	.26	.06	4	116	.83	113	.12	20	1.52	.02	.03	1	2
6A-S 2+00S 7+50E	3	22	8	51	.4	78	9	246	3.08	26	5	ND	1	17	1	2	2	70	.32	.05	4	98	.92	110	.11	5	1.46	.02	.04	1	7
6A-S 2+00S 8+00E	3	39	9	79	.3	85	17	813	3.77	66	5	ND	1	34	1	2	2	80	.34	.08	6	89	1.01	156	.12	18	1.78	.02	.06	1	2
6A-S 2+00S 8+50E	3	30	5	54	.5	87	15	463	2.38	13	5	ND	1	29	1	2	2	46	.37	.06	6	78	.82	108	.07	18	1.79	.02	.04	1	2
6A-S 2+00S 9+00E	3	53	7	59	.5	102	12	570	2.66	21	5	ND	1	44	1	2	2	55	.50	.07	10	88	1.03	175	.08	22	1.67	.03	.05	1	6
6A-S 2+00S 9+50E	2	24	7	47	.3	38	8	205	5.07	69	5	ND	1	10	1	2	2	84	.12	.07	2	86	.64	69	.15	22	1.88	.03	.03	1	7
6A-S 2+00S 10+00E	2	22	4	46	.4	40	6	184	2.88	68	5	ND	1	12	1	2	2	53	.15	.04	4	67	.61	71	.08	12	1.73	.01	.02	1	2
6A-S 2+00S 10+50E	2	24	11	44	.5	43	6	172	2.51	33	5	ND	1	16	1	2	2	58	.20	.06	5	71	.69	102	.08	20	1.50	.02	.03	1	2
6A-S 2+00S 11+00E	2	26	11	58	.4	67	11	482	2.56	23	5	ND	1	50	1	2	2	55	.45	.07	6	69	.94	131	.07	3	1.43	.03	.03	1	1
6A-S 2+00S 11+50E	2	18	14	44	.3	37	6	192	2.50	24	5	ND	1	40	1	2	2	63	.40	.05	5	63	.69	116	.13	5	1.43	.02	.03	1	1
6A-S 2+00S 12+00E	3	30	11	87	.3	59	10	408	3.78	28	5	ND	1	22	1	2	2	92	.37	.08	5	78	1.31	118	.13	3	2.11	.02	.04	1	2
6A-S 2+00S 12+50E	2	26	9	53	1.5	64	8	213	2.85	19	5	ND	1	13	1	3	2	52	.25	.12	5	77	.78	84	.08	2	2.49	.02	.03	1	1
6A-S 3+00S 2+00W	3	29	14	64	.3	96	12	467	4.01	57	5	ND	1	9	1	3	2	106	.14	.05	6	170	1.29	79	.25	4	1.55	.01	.02	1	6
6A-S 3+00S 1+50W	2	38	13	70	.6	148	12	542	5.18	526	5	ND	1	4	1	6	2	104	.02	.04	6	249	1.51	31	.07	4	1.80	.01	.06	1	15
6A-S 3+00S 1+00W	2	42	15	68	.3	232	20	516	4.29	32	5	ND	1	13	1	2	2	87	.31	.06	4	268	2.62	53	.16	26	2.09	.02	.04	1	3
6A-S 3+00S 0+50W	2	75	11	77	.4	355	23	698	3.49	27	5	ND	1	74	1	2	2	69	.98	.07	5	256	2.88	86	.11	9	1.77	.02	.07	1	5
6A-S 3+00S 0+00W	2	30	9	54	.1	153	18	434	3.54	43	5	ND	1	9	1	2	6	65	.23	.04	3	186	1.58	40	.19	14	1.59	.01	.03	1	4
6A-S 3+00S 0+50E	2	4	6	13	.1	16	3	77	1.02	7	5	ND	1	5	1	2	2	55	.07	.05	6	28	.16	20	.15	2	.36	.01	.01	1	2
6A-S 3+00S 1+00E	3	31	10	46	.4	76	7	316	4.01	17	5	ND	1	7	1	2	2	111	.10	.12	3	103	.77	55	.15	2	1.23	.01	.02	1	3
6A-S 3+00S 1+50E	3	12	2	34	.1	34	6	159	2.90	2	5	ND	1	7	1	2	3	126	.12	.02	3	55	.78	53	.36	2	1.26	.01	.02	1	6
6A-S 3+00S 2+00E	4	16	6	28	.3	26	5	135	3.27	8	5	ND	1	6	1	2	2	124	.09	.04	4	57	.42	42	.25	13	.86	.01	.02	1	3
STD C/AU 0.5	20	61	42	134	7.2	69	27	1162	3.95	39	18	7	36	53	17	16	18	59	.48	.15	39	59	.88	186	.08	41	1.72	.06	.11	12	515

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
6A-S 3+00S 2+50E	2	19	9	48	.1	65	10	308	6.56	20	5	ND	1	6	1	3	7	143	.15	.13	4	159	.88	50	.37	2	1.50	.01	.03	1	2
6A-S 3+00S 3+00E	1	13	2	33	.1	51	6	176	3.32	6	5	ND	1	5	1	2	7	80	.18	.03	3	129	.89	52	.15	2	1.59	.02	.02	1	2
6A-S 3+00S 3+50E	3	25	6	49	.2	143	10	310	4.02	13	5	ND	1	5	1	2	2	87	.20	.05	3	157	1.39	92	.15	4	1.74	.02	.05	1	1
6A-S 3+00S 4+00E	2	46	7	91	.1	84	11	329	6.48	10	5	ND	2	6	1	2	3	118	.11	.05	2	156	1.15	92	.25	2	2.46	.01	.02	1	1
6A-S 3+00S 4+50E	1	34	5	105	.1	78	11	333	3.66	6	5	ND	1	9	1	2	2	89	.20	.05	4	68	1.41	76	.36	9	2.09	.01	.04	1	1
6A-S 3+00S 5+00E	4	32	10	78	.1	78	11	406	5.12	29	5	ND	1	8	1	2	5	104	.14	.05	6	114	1.14	82	.19	7	1.79	.01	.04	1	1
6A-S 3+00S 5+50E	2	20	3	67	.2	119	14	465	3.15	7	5	ND	1	57	1	2	2	83	.45	.05	4	137	1.43	133	.13	2	1.78	.02	.05	1	2
6A-S 3+00S 6+00E	2	28	5	68	.1	145	16	675	3.01	7	5	ND	1	41	1	2	2	65	.38	.06	4	130	1.46	114	.09	2	1.74	.03	.05	1	2
6A-S 3+00S 6+50E	3	33	13	97	.2	103	12	547	3.02	11	5	ND	1	104	1	2	2	72	.63	.07	5	116	1.14	207	.08	2	1.67	.02	.06	1	2
6A-S 3+00S 7+00E	2	8	3	24	.1	19	2	94	1.02	6	5	ND	1	7	1	2	2	44	.11	.05	4	52	.35	61	.08	2	.86	.01	.02	1	1
6A-S 3+00S 7+50E	4	26	7	60	.5	75	8	283	2.78	14	5	ND	1	15	1	2	2	84	.22	.05	5	89	.84	136	.12	2	1.42	.02	.05	1	1
6A-S 3+00S 8+00E	4	24	2	68	.2	78	9	318	3.73	19	5	ND	1	22	1	2	2	68	.32	.09	5	112	1.04	113	.09	2	1.48	.02	.05	1	1
6A-S 3+00S 8+50E	2	43	2	68	.1	121	12	372	3.07	20	5	ND	1	45	1	2	2	60	.47	.08	5	111	1.16	140	.08	2	2.08	.03	.06	1	2
6A-S 3+00S 9+00E	2	31	10	63	.5	82	11	542	2.67	9	5	ND	1	90	1	2	2	56	.50	.07	5	95	.97	129	.06	2	1.57	.02	.05	1	1
6A-S 3+00S 9+50E	2	24	6	57	.2	76	11	368	3.39	48	5	ND	1	19	1	2	2	66	.28	.11	4	90	.97	103	.10	2	1.39	.02	.05	1	1
6A-S 3+00S 10+00E	2	32	10	45	.3	91	10	344	2.47	17	5	ND	1	19	1	2	2	49	.43	.08	6	84	1.03	103	.08	2	1.62	.03	.04	1	1
6A-S 3+00S 10+50E	1	10	4	22	.3	15	4	89	3.07	68	5	ND	1	9	1	2	3	69	.11	.04	3	61	.28	60	.12	2	1.56	.01	.01	1	5
6A-S 3+00S 11+00E	1	10	7	20	.1	13	3	72	1.18	26	5	ND	1	12	1	2	3	41	.13	.03	4	38	.25	67	.10	2	.98	.01	.02	1	3
6A-S 3+00S 11+50E	1	5	6	11	.1	7	1	33	.46	10	5	ND	1	13	1	2	2	32	.11	.02	4	23	.13	73	.11	2	.55	.01	.01	1	7
STD C/AU-0.5	20	58	37	134	6.6	67	28	1158	3.95	40	15	7	36	51	16	15	19	59	.48	.15	37	59	.88	185	.08	38	1.72	.06	.11	11	490

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: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 21 1985 DATE REPORT MAILED: June 26/85 ASSAYER: T. Saundry. DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

IMPERIAL METALS CORPORATION PROJECT - AXELGOLD FILE # 85-1026 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
6A-P1	1	25	3	24	.2	8	2	71	.59	26	5	ND	2	3	1	3	3	5	.02	.01	6	8	.10	144	.01	4	.20	.01	.14	1	2
6A-P2	1	44	8	154	.5	13	10	915	3.41	123	5	ND	14	829	1	86	2	56	3.20	.28	39	14	1.65	115	.10	7	.79	.06	.69	1	65
6A-P3	1	33	4	105	.3	239	20	745	4.74	129	5	ND	3	140	1	11	7	13	3.19	.07	6	39	3.62	74	.01	2	.30	.01	.11	1	2
6A-P4	1	18	25	29	.3	7	3	23	1.41	50	5	ND	15	71	1	7	3	3	.03	.02	31	1	.02	77	.01	4	.28	.04	.13	1	31
6A-P5	3	54	49	42	.6	9	4	54	3.12	41	10	ND	41	192	1	11	4	19	.08	.08	66	3	.12	18	.01	6	.28	.05	.17	1	20
6A-P6	1	1	3	3	.3	1	1	379	.23	2	5	ND	1	319	1	2	2	1	18.51	.01	2	2	.01	7	.01	2	.02	.01	.01	1	1
6A-P7	1	17	7	41	.1	8	4	597	2.41	11	5	ND	1	505	1	5	2	17	5.74	.05	2	8	.90	83	.01	9	.19	.01	.07	1	1
6A-P8	1	16	8	44	.3	33	8	645	2.84	77	5	ND	4	764	1	9	2	11	5.29	.16	14	11	1.76	81	.01	3	.24	.01	.11	1	1
6A-P9	1	3	3	10	.1	92	5	179	1.16	53	5	ND	1	3	1	4	3	7	.07	.01	2	90	1.77	8	.01	2	.19	.01	.01	1	1
6A-P10	1	4	3	10	.2	170	9	128	1.05	79	5	ND	1	9	1	5	6	6	.19	.01	2	232	2.47	9	.01	2	.20	.01	.01	1	1
6A-P11	1	30	144	35	.6	8	4	768	2.35	2	5	ND	18	321	1	2	2	14	4.98	.11	43	6	1.10	42	.01	7	.10	.03	.04	1	1
6A-P12	1	49	6	58	.1	24	17	499	4.41	2	5	ND	1	17	1	2	2	125	1.85	.06	2	21	1.84	16	.27	2	1.72	.02	.03	1	2
6A-P13	6	180	45	280	.5	64	18	123	29.12	63	5	ND	7	4	2	2	10	23	.32	.05	10	1	.16	13	.08	19	.23	.01	.06	1	2
6A-M-R-1	1	14	5	51	.1	5	5	498	1.45	2	5	ND	1	278	1	2	2	22	2.86	.06	4	6	.63	51	.19	2	1.29	.01	.06	1	1
6A-M-R-2	1	35	7	45	.1	66	26	414	5.78	2	5	ND	1	21	1	2	2	81	2.28	.08	3	108	1.07	9	.71	2	.99	.04	.01	1	2
6A-M-R-3	1	7	5	33	.1	10	5	672	1.89	3	5	ND	3	239	1	2	2	26	5.78	.07	3	16	.58	39	.03	6	.98	.02	.13	1	1
6A-M-R-4	4	5	6	44	.1	1754	75	731	4.96	410	5	ND	2	5	1	5	21	3	.07	.01	2	76	11.53	21	.01	29	.06	.01	.01	1	28
6A-M-R-5	4	10	30	8	.5	24	3	31	1.05	70	5	ND	18	16	1	5	2	2	.02	.01	35	6	.18	121	.01	5	.21	.02	.17	1	260
6A-M-R-6	49	78	92	11	3.2	9	4	27	2.35	59	9	ND	26	75	1	47	5	9	.03	.03	50	6	.04	29	.01	5	.23	.06	.18	1	33
6A-M-R-7	1	16	36	84	.2	7	3	71	1.61	40	5	ND	20	53	1	5	2	9	.01	.08	44	8	.70	296	.01	11	.91	.06	.64	1	4
6A-M-R-8	5	51	48	47	.2	7	5	85	2.92	76	5	ND	22	171	1	11	2	8	.24	.21	57	4	.06	346	.01	4	.33	.02	.21	1	11
6A-M-R-9	8	50	61	134	.4	6	6	1112	2.20	15	5	ND	46	149	1	5	2	11	1.16	.09	89	3	.07	141	.01	6	.25	.03	.14	1	7
6A-M-R-10	10	42	108	110	.6	3	5	1324	2.15	34	9	ND	46	270	1	6	2	11	3.10	.04	83	2	.21	183	.01	4	.17	.04	.08	1	21
6A-M-R-11	1	55	67	91	.1	3	4	1167	2.41	9	6	ND	43	300	1	2	2	21	1.71	.10	91	6	.25	148	.02	4	.42	.04	.27	1	2
6A-M-R-12	2	69	22	65	.2	60	16	678	4.24	23	5	ND	15	1238	1	2	4	30	4.10	.31	40	31	2.57	130	.01	7	.33	.01	.18	1	2
6A-M-R-14	1	73	4	76	.1	66	25	770	5.39	12	5	ND	2	36	1	3	3	112	1.28	.12	3	148	2.20	21	.67	2	2.51	.01	.05	1	1
6A-M-R-15	1	13	4	52	.1	33	13	658	3.69	90	5	ND	3	27	1	2	2	83	.90	.22	3	83	1.63	23	.39	2	1.79	.02	.07	1	22
6A-M-R-16	71	46	181	77	.7	4	3	321	3.11	49	9	ND	36	162	1	5	4	9	.37	.07	67	3	.05	38	.01	6	.24	.02	.14	1	15
STD C/AU-0.5	20	58	39	137	6.9	72	28	1173	3.99	39	17	7	36	48	18	16	19	59	.48	.15	40	61	.88	172	.08	39	1.72	.06	.10	12	490