85-809 — 14018

8/86

A GEOCHEMICAL SOIL SURVEY 'A' GRID

Specific Claims:	Axel 5	#5660
	Axel 6	#5661
	Axel 7	#5662
	Axel 8	#5663

Mining Division: Omenica

NTS: 93N/13W

Latitude: 55° 56'

Longitude: 125° 57'

Owner: Imperial Metals Corporation & Equinox Resources Ltd.

Operator: Imperial Metals Corporation

Author: J.W. Morton

Date: October 1985

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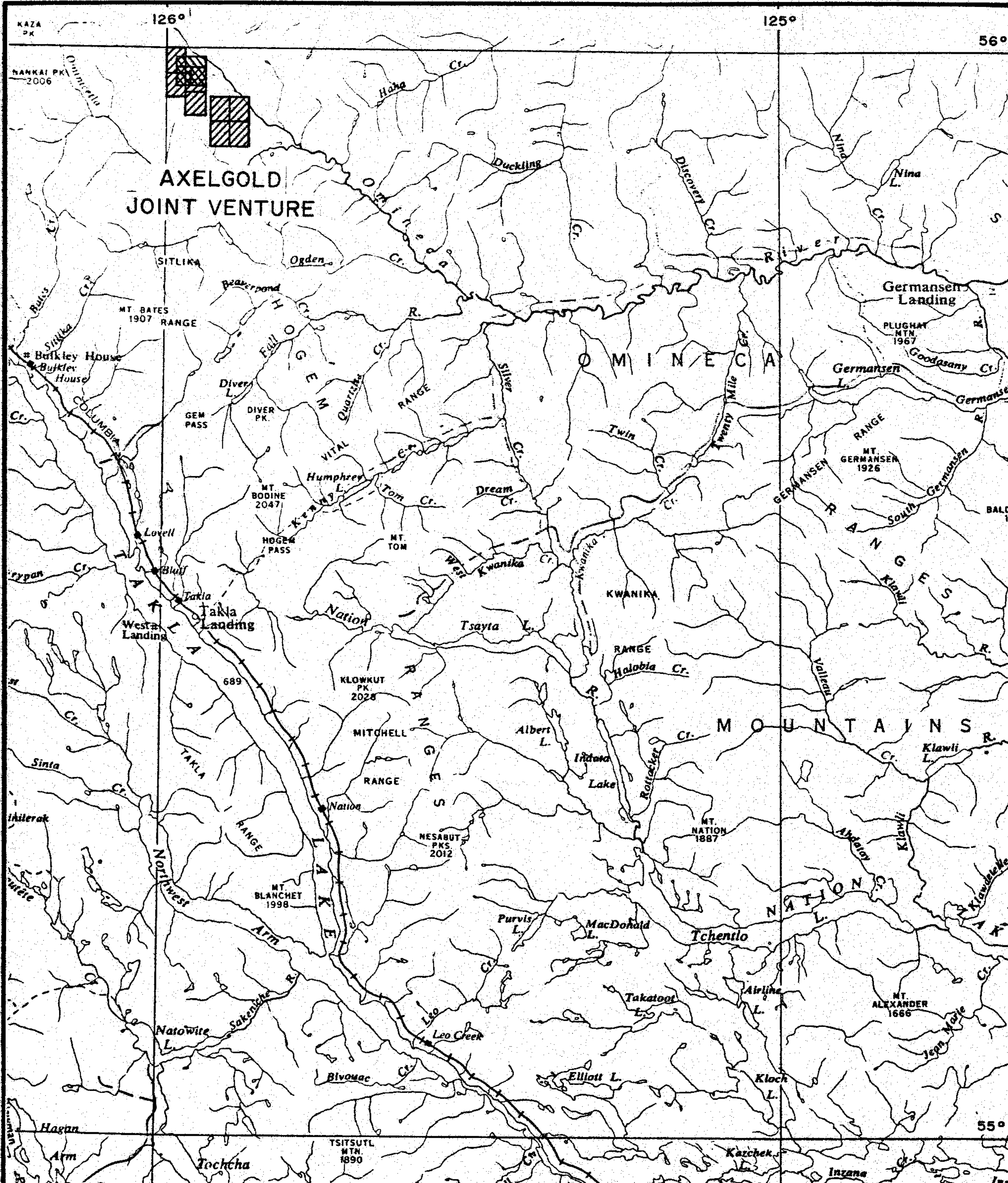


IMPERIAL METALS CORPORATION

AXELGOLD JOINT VENTURE

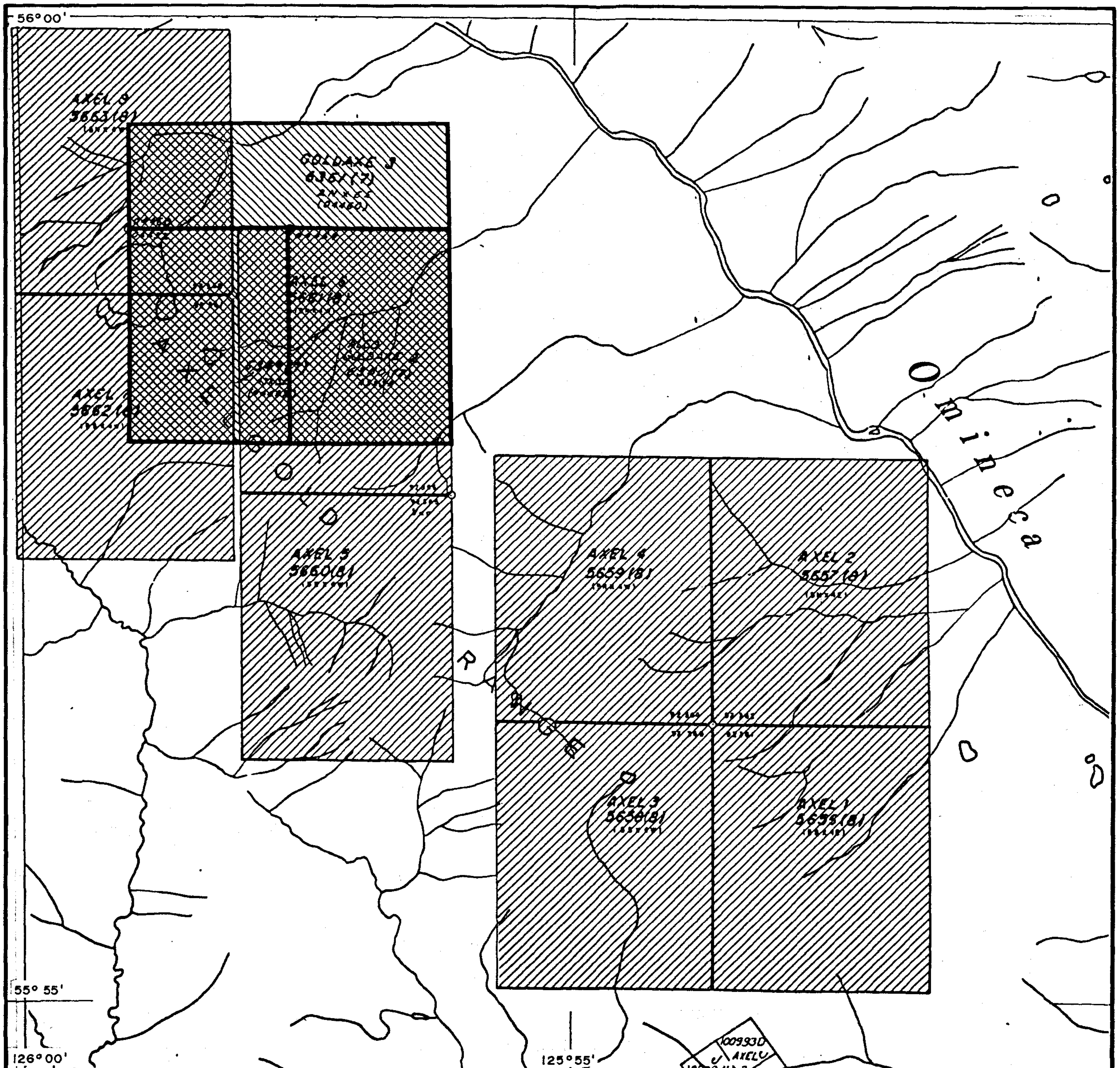
FIGURE I | MAP IF

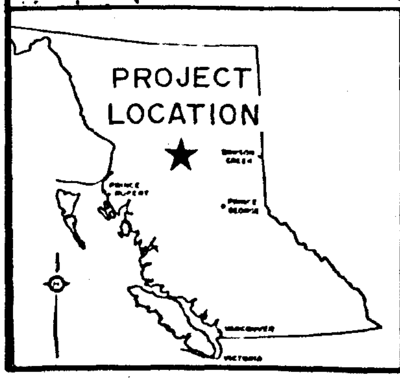
LOCATION MAP

Km 10 0 10 20 Km

SCALE: 1 : 600 000 | GEOLOGIST: W. MORTON

DATE: OCTOBER 1985 | DRAWN BY: S. HAWORTH





LEGEND

AXEL Claims

GOLDAXE Claims

IMPERIAL METALS CORPORATION

AXELGOLD JOINT VENTURE

FIGURE 2 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

General Geographical & Physiographical Position

The Axel 5-8 claims are located in the Axelgold Mountains approximately 150 kilometers northwest of Smithers, B.C. The claims predominantly occupy the north slope of the mountain range towards its eastern end. Elevations occurring on the claims vary 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 Axel 5-8 claims is presently by helicopter.

Property Definition

A complex geological setting occurs in which several northwesterly trending fault slices of the Triassic age Takla Group (marine volcanics and sediments) are juxta positioned against the Paleozoic age Cache Creek Group (argillites, ribbon cherts and limestone). The locus of several high angle faults that cut the claims are expressed as a series of serpentinized and carbonatized zones. The Pinchi Fault, possibly occurring as several splays, is believed to occur immediately northeast of the property. The north-south trending Takla Fault is believed to intersect the Pinchi Fault in the vicinity of the Axel property.

Summary of Work Completed

5.5 km of contour grid (25m line spacing) 213 soil samples collected and analysed by multielement I.C.P. methods with gold determinations obtained using atomic absorption techniques.

Additional follow-up sampling, beyond the dates covered by this report, resulted in the collection of an additional 85 samples. These additional samples are included in the maps submitted as part of this report but are not included in the cost statement for this report.

Methods

Due to the steep nature of the knob that occurs on the 'A' grid it was decided that a linear grid was impractical. A contour grid was established in which elevations were maintained using Thommen barometric altimeters. A linear baseline was established with individual contours generally crossing the baseline twice. Stations were marked with wooden pickets at 50m centers and with flags at intermediate stations. Soil sampling was done with soil mattocks from a juvenile B(m) horizon generally at a depth of approximately 20cm. Samples were air dried and shipped to Acme Analytical Labs in Vancouver for sieving and analyses. The minus 80 mesh size fraction was used to obtain analytical determinations. Work described in this report was physically completed on the Axel 6,7 and 8 claims.

Detailed Technical Data and Interpretations

A complex volcanic pile consisting of crystal tuffs, lapilli tuffs and tuff breccias, derived from at least two types of magma, occupy the largest area of the 'A' grid. These volcanics have been intruded by, or are coeval with, their intrusive equivalents.

Volcanic Lithologies Identified	Intrusive Lithologies Identified
Trachyte crystal tuff	Porphyritic diorite (megacrystic)
Quartz trachyte tuff breccia	Dacite porphyry
Dacite lapilli tuff	
Sheared volcanic breccia	
Argillaceous volcanic breccia	

Most units, volcanic and intrusive, are sulfide rich and form strong orange-brown coloured gossons. Most of the volcanic units have been sheared with the direction of shearing (north by northwest) being parallel to a well defined fault that forms the southwestern boundary of the 'A' grid. This well defined fault, the 'Saddle Fault', is expressed by serpentinized carbonatized and silicified zones that occur along it. The dacite porphyry, which forms the southern end of the 'A' grid, has been emplaced as a stock and gives a dome like geometry to the 'A' grid while the porphyritic diorite appears to have been emplaced as a series of sills. Rhyolitic material occurs as clasts within the quartz trachyte tuff breccia but has not been identified as an 'in tact' unit on the A grid. Discrete quartz veining is observed to be very limited within the 'A' grid although some minor micro-stockwork veining has been observed in the dacite porphyry.

Very strong soil geochemical values for gold, molybdenum, arsenic, antimony and lead occur throughout the 'A' grid. What limited quartz vein material that has been observed on the grid has proven to be barren of significant mineralization and leads to the current assumption that the 'source' mineralization is related to (syngenetic?) sulfide mineralizaton. Soil geochemical data is presented on figures 3 and 4 of this report.

COST STATEMENT

Labour	July 8 - 16	J.W. Morton	16 days @ $200/day	$ 3,200
	July 19 - 25) July 23 - 26)	T. MacKenzie	16 days @ $110/day	1,760
	July 19 - 21	J. Walker	6 days @ $ 70/day	420
	July 23 - 26	M. Hislop	6 days @ $ 70/day	420
Room & Board		44 man days @ $35/day		1,540
Other Camp Cost		Lumber, plywood, hardware		900
Helicopter Costs		4 hours @ $500/hour		2,000
Fixed wing costs (beaver)		900 air miles total $2.35 a mile (including fuel)		2,115
Airfare; Walter, MacKenzie, Hislop - Smithers to Vancouver		3 trips @ $160		480
Analytical Costs		213 soil samples @ $12.03/sample		2,563
Truck Costs		2,300km @ 25¢/km		575
Report Preparation & Drafting				750
				$ 16,723

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

8m east of GAA 186 0+00

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.

10m West of GA / 186A 0+00

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.

50m West of GAA 186 1+25

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 cryptocrystalline 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.

GAA-174A-7R: QUARTZ-TRACHYTE TUFF-BRECCIA.

This sample is a volcanic rock consisting mainly of large orthoclase crystals and fragments of porphyritic trachyte (and rhyolite) in a fine grained matrix of K-spar and some quartz. Moderate pervasive sericite alteration has occured in the matrix and this is associated with pyrite. Minerals are:

orthoclase	33%	
volcanic fragments	30	
K-spar	15	
quartz fragments	7	
quartz matrix	3	
pyrite	5	
sericite	5	
plagioclase	2	
Fe-Ti oxide	minor	(mainly rutile)
limonite	minor	

Orthoclase forms broad or tabular subhedral grains 0.2 to 4.0mm in size. Most of these have been derived from porphyritic trachytic and rhyolitic volcanic rock fragments. There are also scattered subhedral plagioclase laths up to 1mm in size and these are presumably derived from similar rocks although no plagioclase phenocrysts were seen in the section.

The volcanic rock fragments are 0.5 to 5.0mm in size and more or less rounded. Most of them consist of a mass of feathery interlocking K-spar grains 0.05 to 0.3mm in length which are aligned due to flow. Large orthoclase phenocrysts occur in most of the larger fragments; the smaller fragments being pieces of the groundmass. A few fragments consist of more rounded K-spar grains with only a few smaller orthoclase phenocrysts. A few fragments are rhyolitic with quartz intergrown, in small patches, with the groundmass K-spar. This occurs mainly in those fragments consisting of the more rounded K-spar. Quartz fragments are also present and these are presumably derived from rhyolitic volcanic rocks. The quartz forms subrounded grains about 0.1mm in size occuring in ovoid or rounded pieces 0.3 to 1.0mm in size.

The matrix consists mainly of shapeless interlocking K-spar grains less than 0.05mm in size. In places very fine quartz is intergrown with it. The matrix (including some quartz) often replaces the edges of or small patches within the fragments. Small fragments have been incorporated into the matrix making distinction difficult.

Alteration by sericite and pyrite has been pervasive. The sericite forms very fine flakes occuring intimately intergrown with the matrix K-spar in a fine diffuse patchy network around the rock and crystal fragments. Small patches sometimes develop in the orthoclase. In some fragments there are tabular aggregates of sericite which may be completely replaced plagioclase. Fe-Ti oxides forms ragged rounded grains up to 0.1mm in size which are scattered about the sericitic parts of the rock. Clusters up to 0.3mm in size occur. Pyrite forms subcubic grains 0.05 to 0.3mm in size which are dissemianted throughout the rock, both within the matrix and in the fragments. Clusters sometimes occur in the fragments. Some pyrite is highly altered to limonite and limonitic stain has developed within sericite.

GAA-162A-1R: TRACHYTE CRYSTAL TUFF.

This sample is a volcanic rock consisting of mainly of orthoclase crystals crowded in a fine grained K-spar matrix. A patchy network of calcite, sericite and pyrite has developed in the matrix around the crystals. Minerals are:

orthoclase	50%
K-spar	32
calcite	8
pyrite	5
sericite	2
quartz	2
limonite	1
plagioclase	minor
Fe-Ti oxide	minor
apatite	minor

Orthoclase crystals are rounded to subhedral and range in size from 0.3 to 3.0mm. Aggregates of a few sometimes occur. The matrix consists of a mass of shapeless interlocking K-spar grains less than 0.05mm in size. In places there are small patches which consist of more feathery K-spar grains up to 0.1mm in size. These may have been trachytic rock fragments (with orthoclase phenocrysts) which have been incorporated into the matrix. Small amonts of quartz are intergrown with the K-spar. This forms subrounded grains about 0.1mm in size, sometimes in small aggregates. The quartz is concentrated in a few small patches. Occasional plagioclase grains up to 0.2mm in size occur amongst the fine K-spar. Rounded to tabular apatite grains 0.1 to 0.3mm in size are scattered about the matrix.

The matrix has reacted with the crystals; there are small diffuse patches and stringers of the fine grained K-spar within some of them, particularly the smaller. There may have been more plagioclase than indicated above in the mode but have been altered to K-spar as cooling and consolidation of the tuff occured.

Alteration has been moderate and pervasive. Calcite is dominant and forms fine grains mostly less than 0.1mm in size occuring in an interconnected patchy network around the crystals. Patches may be one or two millimeters in size. Very fine sericite is associated with the carbonate. It is intimately mixed with it within the interconnecting network but in the calcite patches it usually occurs around the edges. Small aggregates of very fine sericite are disseminated throughout the matrix. Specks of sericite and calcite occur in the orthoclase crystals. Pyrite is associated with the carbonate and sericite, occuring disseminated throughout the matrix but concentrated in and near the patchy network. It forms rounded to subcubic grains 0.01 to 0.2mm in size.

Fe-Ti oxides have also developed during the alteration. This forms ragged grains about 0.05m in size scattered about the matrix and concentrated in clusters and aggregates up to 0.3mm in size. Some of these are tabular and may have replaced mica. The occurence of these and of pyrite has allowed the development of limonite within the network of alteration.

GA-1 (84)

SHEARED VOLCANIC BRECCIA.

This sample consists of mainly of angular K-spar and volcanic rock fragments (andesite, rhyolite) crowded within a very fine grained plagioclase matrix. The larger rock fragments are dark grey on the cut surface of the hand specimen. It has been sheared with the formation of fine streaks of sericite along the shear planes. The K-spar fragments appear to have been derived from a porphyritic rhyolite. Composition is:

K-spar fragments	40%
volcanic rock fragments	4
plagioclase fragments	minor
quartz fragments	minor
plagioclase	32
sericite	12
opaque (+ limonite)	2
Fe-Ti oxide	minor
mica	minor
quartz	minor
apatite	trace
zircon	trace

K-spar fragments are tabular to angular and range in size from 0.2 to 2.0mm; most are about 0.5mm in size. They are coarsely perthitic in patches and the exsolution probabaly occured during shearing. Patches of fine sericite occur within them and the matrix sometimes penetrates into them. There is a large fragment of rhyolite which consists of a K-spar phenocryst, similar to the isolated grains, in a fine grained groundmass of rounded quartz and feldspar grains about 0.1mm in size. Other rock fragments are andesite consisting of an aggregate of subrounded interlocking plagioclase grains about 0.1mm in size. One small fragment consists of a mass of fine feathery plagioclase laths. The andesites are being absorbed by the breccia matrix. The rock fragments are subangular and usually less than 0.5mm in size, although there is one about 5mm in size in the hand specimen.

Other mineral fragments are plagioclase and quartz which form subangular grains less than 0.2mm in size scattered about the breccia matrix. There is also a small quartzite (or quartz aggregate) fragment. Traces of apatite and zircon, forming grains up 0.1mm in size also occur in the matrix and appear to have been derived from the rhyolitic fragments. Mica flakes up to 0.3mm in length are scattered about the matrix. Most of these are muscovite which have altered from biotite; only rare biotite flakes remain.

The matrix consists of a mass of rounded plagioclase grains less than 0.02mm in size with extremely fine sericite mixed with it. The sericite is concentrated in thin closely spaced whispy streaks along the shear planes and ragged patches often develop within the mass of fine plagioclase.

(continued)

EA-1 (cont.): SHEARED VOLCANIC BRECCIA.

Thin discontinuous streaky patches of very fine quartz are sometimes intergrown with the plagioclase. Extremely fine ragged Fe-Ti oxide grains occur within the plagioclase and sericite patches. Small shapeless aggregates are quite common and in places the Fe-Ti oxides have replaced mica flakes.

Opaque grains (pyrite ?) are cubic and 0.03 to 0.1mm in size. They are scattered about the matrix and tend to be concentrated in the sericitic streaks and patches. Some of the rock fragments have a concentration of these grains. Most are partially or completely altered to limonite which has stained the sericitic parts of the rock.

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 -80 MESH AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.
P3 - ROCKS

DATE RECEIVED: JULY 18 1985 DATE REPORT MAILED: July 23/85 ASSAYER. [signature] DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

IMPERIAL METALS CORPORATION PROJECT - AXELGOLD JOINT ✓ FILE # 85-1459 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 %	* PPM	Au** PPB
6AA 180A 0+00	10	148	101	166	.2	50	38	2446	8.81	129	5	ND	22	374	1	2	4	64	.49	.65	54	44	1.45	290	.09	7	2.02	.06	.58	1	[illegible]
6AA 180A 0+25	18	99	82	154	.1	32	23	1624	7.92	131	5	ND	15	326	1	2	4	71	.37	.49	64	39	1.32	468	.08	8	2.00	.06	.38	[illegible]	[illegible]
6AA 180A 0+50	69	117	144	144	.1	19	15	895	12.96	263	5	ND	34	741	1	18	10	18	.07	.87	64	3	.14	118	.01	8	.86	.19	.51	[illegible]	52
6AA 180A 0+75	116	161	343	205	.3	26	20	1840	13.97	351	5	ND	35	835	1	24	9	17	.05	.88	79	3	.07	132	.01	10	1.15	.19	.56	[illegible]	[illegible]
6AA 180A 1+00	232	307	779	278	1.0	37	26	2791	11.97	448	5	ND	38	466	1	46	13	26	.04	.64	121	6	.14	290	.02	2	2.06	.08	.30	[illegible]	[illegible]
6AA 180A 1+25	182	101	266	110	.8	12	6	587	11.66	289	5	ND	35	655	1	19	9	23	.04	.71	71	8	.18	109	.02	10	.83	.24	.90	[illegible]	[illegible]
6AA 180A 1+50	149	146	236	171	.7	23	13	940	11.99	265	5	ND	31	793	1	12	5	35	.15	.83	83	13	.30	182	.03	2	1.29	.17	.55	[illegible]	[illegible]
6AA 180A 1+75	194	83	203	75	.1	10	5	357	15.52	346	5	ND	25	974	1	17	14	25	.04	1.03	57	7	.09	153	.02	5	.75	.34	1.27	[illegible]	[illegible]
6AA 180A 2+00	106	81	222	80	.6	11	4	247	15.35	347	5	ND	29	873	1	20	13	20	.04	.99	42	6	.10	118	.02	3	.59	.35	1.14	[illegible]	[illegible]
6AA 180A 2+25	54	129	164	102	.1	15	5	297	13.13	414	5	ND	35	1737	1	37	8	23	.06	.95	65	13	.14	160	.02	6	1.87	.28	.60	1	[illegible]
6AA 180A 2+50	52	103	115	54	.5	12	3	125	13.53	534	5	ND	28	737	1	46	4	28	.04	.65	68	16	.19	106	.02	2	.98	.30	.81	1	[illegible]
6AA 180A 2+75	38	84	118	43	.2	10	2	94	15.16	553	5	ND	38	659	1	59	5	32	.03	.64	68	15	.14	101	.03	2	.80	.29	1.05	1	[illegible]
6AA 180A 3+00	48	74	124	49	.2	13	2	106	14.57	843	5	ND	38	699	1	85	8	36	.03	.67	64	17	.15	100	.03	6	.82	.22	.99	1	105
6AA 180A 3+25	44	92	186	54	.4	24	3	130	14.35	647	5	ND	34	746	1	106	6	31	.03	.51	64	28	.23	92	.04	10	.93	.24	.93	[illegible]	210
6AA 180A 3+50	26	76	83	38	.2	10	2	62	13.35	556	5	ND	26	645	1	25	4	29	.03	.45	63	18	.11	97	.02	5	1.20	.24	.73	[illegible]	[illegible]
6AA 180A 3+75	86	95	195	45	.3	15	3	93	15.82	583	5	ND	32	1143	1	76	7	27	.02	.60	57	17	.13	115	.03	12	.60	.29	1.11	[illegible]	[illegible]
6AA 180A 4+00	92	83	266	68	.9	10	5	696	15.37	472	5	ND	26	1298	1	35	11	16	.07	1.11	68	7	.08	129	.01	4	.59	.36	1.12	[illegible]	175
6AA 180A 4+25	220	90	416	70	.8	9	3	397	19.81	382	5	ND	25	1080	1	27	14	19	.03	1.15	63	6	.06	171	.01	10	.89	.46	1.62	[illegible]	[illegible]
6AA 180A 4+50	273	185	342	192	.6	23	18	2624	12.95	359	5	ND	30	892	1	23	4	25	.06	.79	155	8	.11	160	.01	11	1.06	.12	.48	1	[illegible]
6AA 180A 4+75	266	130	335	195	1.7	23	15	2621	9.50	220	5	ND	31	404	1	17	10	32	.04	.51	157	13	.14	370	.02	3	1.18	.06	.23	3	46
6AA 180A 5+00	126	149	412	304	1.3	29	25	6010	8.43	213	5	ND	55	223	1	28	4	34	.08	.34	161	17	.19	509	.03	4	1.31	.04	.14	2	[illegible]
6AA 180A 5+25	116	189	337	238	1.1	26	32	3624	10.90	917	5	ND	66	351	1	104	8	31	.04	.54	107	6	.15	339	.02	2	1.50	.07	.19	1	[illegible]
6AA 180A 5+50	32	98	130	126	.5	17	11	1535	8.71	170	5	ND	19	546	1	10	3	36	.06	.66	89	16	.56	204	.02	5	1.55	.09	.50	[illegible]	[illegible]
6AA 180A 5+75	17	94	82	125	.1	26	19	1225	8.39	120	5	ND	17	475	1	2	2	54	.05	.60	74	49	1.21	353	.03	5	2.22	.06	.42	1	[illegible]
6AA 180A 6+00	9	148	70	211	.1	32	15	827	6.96	95	5	ND	34	249	1	2	2	72	.07	.41	100	43	2.56	254	.05	2	3.55	.03	.28	[illegible]	14
6AA 180A 6+25	12	73	84	104	.2	15	10	876	7.41	88	5	ND	18	420	1	2	8	58	.11	.51	70	23	.95	284	.05	8	1.81	.06	.46	1	[illegible]
6AA 180A 6+50	11	71	75	104	.4	17	12	690	7.04	83	5	ND	16	387	1	2	5	38	.20	.49	70	17	.56	409	.03	6	1.74	.06	.29	[illegible]	[illegible]
6AA 180A 6+75	18	82	129	137	.2	22	19	2653	6.82	59	5	ND	21	220	1	2	5	52	.26	.49	80	22	.71	365	.07	4	1.82	.03	.31	[illegible]	[illegible]
6AA 180A 7+00	8	82	94	120	.3	21	25	1986	5.87	38	5	ND	21	166	1	4	2	40	.60	.69	94	15	.37	317	.04	4	1.52	.02	.13	[illegible]	[illegible]
6AA 180A 7+25	10	68	77	114	.4	16	13	1026	5.90	62	5	ND	13	90	1	7	4	41	.07	.28	77	11	.15	228	.01	4	1.09	.02	.09	[illegible]	[illegible]
6AA 180A 7+50	18	133	137	133	.2	19	20	2047	6.87	107	5	ND	16	130	1	44	6	31	.08	.42	82	11	.17	199	.01	2	1.42	.02	.07	1	[illegible]
6AA 180C 0+25	7	171	117	193	.1	37	39	2713	9.34	124	5	ND	21	458	1	2	4	92	.64	.73	53	42	2.02	199	.11	2	2.36	.05	.83	[illegible]	[illegible]
6AA 180C 0+50	10	159	99	173	.1	24	29	1931	10.92	144	5	ND	27	553	1	2	5	99	.23	.81	62	41	2.30	159	.07	4	2.59	.09	.84	1	[illegible]
6AA 183A 0+00	12	153	93	165	.1	24	28	1903	11.80	214	5	ND	32	485	1	2	8	79	.20	.88	70	25	1.96	205	.04	2	2.36	.09	.69	[illegible]	[illegible]
6AA 183A 0+25	13	144	116	143	.3	28	29	1811	10.33	181	5	ND	27	467	1	2	11	59	.25	.77	46	28	1.35	137	.05	4	1.93	.11	.72	1	[illegible]
6AA 183A 0+50	7	138	69	160	.1	54	37	2429	7.20	70	5	ND	18	290	1	2	4	89	.73	.53	57	67	2.21	866	.15	2	2.68	.04	.65	1	[illegible]
STD C/FA-AU	20	59	41	133	7.2	68	27	1147	3.93	41	17	6	38	51	17	15	20	57	.48	.15	40	59	.88	186	.08	39	1.72	.06	.10	[illegible]	[illegible]

IMPERIAL METALS CORPORATION PROJECT - AXELGOLD JOINT√ FILE # 85-1459

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
GAA 183A 0+75	34	102	169	110	.3	17	16	1048	8.54	163	5	ND	33	427	1	7	12	22	.08	.52	66	10	.38	191	.02	2	.99	.09	.40	1	27
GAA 183A 1+00	124	208	425	211	.7	23	15	1873	13.48	472	5	ND	58	639	1	39	5	23	.04	.59	128	4	.15	116	.01	4	1.65	.14	.52	1	170
GAA 183A 1+25	272	507	1417	390	1.6	34	21	3277	14.72	771	5	ND	62	550	1	113	11	25	.02	.43	139	3	.10	113	.01	2	2.34	.16	.57	1	160
GAA 183A 1+50	151	185	444	215	.8	29	16	1801	9.90	258	5	ND	37	431	1	13	7	39	.08	.48	110	15	.45	254	.03	7	1.76	.07	.39	1	55
GAA 183A 1+75	185	155	288	201	.9	27	15	1241	10.71	225	5	ND	29	554	1	22	6	31	.09	.62	108	10	.18	155	.02	4	1.24	.11	.39	1	50
GAA 183A 2+00	1118	55	322	31	1.3	5	2	100	17.25	400	5	ND	33	1084	1	16	23	12	.02	1.08	41	5	.05	83	.01	2	.37	.52	1.61	1	60
GAA 183A 2+25	124	78	196	61	.7	7	5	212	16.11	414	5	ND	31	969	1	15	13	17	.03	1.17	45	4	.04	79	.01	9	.40	.48	1.30	1	55
GAA 183A 2+50	78	79	169	108	.3	10	5	162	16.84	458	5	ND	41	1337	1	25	13	18	.03	1.19	64	7	.08	80	.01	9	.53	.62	.72	1	55
GAA 183A 2+75	117	54	204	51	.4	8	3	159	13.17	450	5	ND	29	1518	1	30	9	16	.02	1.07	66	5	.08	88	.01	5	.50	.33	.97	1	50
GAA 183A 3+00	1060	102	324	82	2.0	12	5	281	18.20	406	5	ND	31	1248	1	32	14	21	.03	1.06	36	6	.09	76	.01	2	.44	.32	1.30	1	210
GAA 183A 3+25	393	213	438	240	1.1	27	14	1213	15.47	417	5	ND	53	921	1	28	2	35	.15	1.18	151	12	.17	107	.02	5	1.07	.12	.57	1	110
GAA 183A 3+50	106	141	471	211	2.1	24	18	4644	7.87	143	5	ND	29	254	1	6	2	32	.07	.46	175	16	.17	444	.01	2	1.77	.05	.19	1	33
GAA 183A 3+75	110	112	402	247	1.2	22	15	3895	7.53	148	5	ND	49	152	1	30	5	31	.04	.23	151	16	.18	292	.02	2	1.18	.03	.10	1	60
GAA 183A 4+00	225	266	701	285	1.3	32	42	6344	9.23	242	5	ND	66	201	1	64	8	27	.02	.33	161	10	.13	305	.02	2	1.53	.04	.14	7	135
GAA 183A 4+25	24	89	72	100	.6	13	12	751	7.72	128	5	ND	20	323	1	6	2	25	.09	.56	64	17	.77	378	.01	2	1.98	.05	.26	1	16
GAA 183A 4+50	20	87	109	114	.2	15	10	725	9.31	138	5	ND	21	580	1	10	2	39	.03	.59	76	17	.61	132	.01	5	1.67	.10	.56	1	12
GAA 183A 4+75	12	44	58	104	.1	26	15	1934	4.96	53	5	ND	10	159	1	2	2	74	.16	.30	51	60	1.13	403	.02	4	1.67	.03	.21	1	8
GAA 183A 5+00	6	102	59	157	.1	18	8	726	8.49	77	5	ND	27	491	1	2	2	71	.09	.65	60	30	1.86	115	.10	5	2.44	.04	1.12	1	15
GAA 183A 5+25	17	87	93	122	.1	23	16	1572	6.97	77	5	ND	17	258	1	4	2	53	.18	.44	74	26	.87	403	.03	7	1.77	.05	.38	1	9
GAA 183A 5+50	7	62	60	137	.1	19	20	3583	5.36	34	5	ND	17	93	1	2	2	59	.16	.27	73	20	.52	411	.03	3	1.73	.02	.27	1	15
GAA 183A 5+75	5	59	48	132	.1	18	14	1060	5.51	21	5	ND	17	86	1	2	2	71	.28	.24	66	23	.84	380	.06	4	1.85	.01	.28	1	11
GAA 183C 0+25	17	96	121	110	.1	23	21	1931	7.75	153	5	ND	19	426	1	3	6	40	.16	.46	63	20	.69	174	.03	7	1.49	.09	.48	1	15
GAA 183C 0+50	45	139	127	151	.2	33	36	3145	9.61	105	5	ND	26	737	1	3	7	27	.13	.55	59	13	.39	140	.02	6	1.22	.11	.42	1	20
GAA 183C 0+75	11	110	91	156	.1	30	40	4583	6.65	53	5	ND	26	194	1	2	2	47	.40	.40	88	19	.61	572	.04	6	1.60	.02	.26	1	19
STD C/FA-AU	21	59	40	134	7.0	68	29	1209	3.95	39	18	7	42	49	18	16	19	61	.48	.15	41	57	.88	175	.07	40	1.72	.06	.12	12	54

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 -80 MESH AU* ANALYSIS BY AA FROM 20 GRAM SAMPLE.

Pu-15 Rocks

DATE RECEIVED: SEPT 9 1985 DATE REPORT MAILED: Sept. 14/85 ASSAYER. T. Saundry DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT - ~~5007~~ 4120 FILE # 85-2297 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
6AA 175A 2+00	81	78	204	74	1.0	7	10	259	13.86	401	5	ND	22	772	1	53	2	18	.04	.76	56	7	.09	21	.01	2	.69	.27	.93	1	110
6AA 175A 2+25	58	87	181	71	.8	9	11	159	14.26	498	5	ND	28	1000	1	52	2	21	.04	.70	68	9	.09	23	.01	2	.76	.30	.88	1	105
6AA 175A 2+50	63	87	164	40	.8	4	9	97	13.64	533	5	ND	31	851	1	81	2	20	.03	.53	74	10	.08	23	.01	4	.65	.32	.98	1	130
6AA 175A 2+75	29	99	153	40	.8	6	9	97	13.27	566	5	ND	30	1008	1	122	2	21	.03	.55	72	10	.08	24	.01	2	.65	.29	.88	1	160
6AA 175A 3+00	33	85	188	41	.9	8	8	100	10.79	539	5	ND	29	2011	1	102	2	19	.06	.61	74	11	.08	28	.01	6	.99	.22	.75	1	335
6AA 175A 3+25	33	128	266	89	1.0	12	11	253	12.84	812	5	ND	28	1003	1	125	3	21	.04	.79	84	9	.09	22	.01	4	1.06	.22	.76	1	195
6AA 175A 3+50	23	83	505	45	.9	18	9	126	8.39	486	5	ND	10	671	1	283	2	18	.03	.38	60	14	.12	35	.01	5	1.26	.14	.50	1	230
6AA 175A 3+75	32	48	496	33	.7	10	9	99	16.39	625	5	ND	25	1275	1	224	2	31	.03	.70	85	16	.11	27	.02	2	.42	.23	1.71	1	350
6AA 175A 4+00	38	56	204	50	.7	26	9	307	11.40	452	5	ND	19	511	1	53	2	36	.05	.45	57	28	.17	25	.04	2	.84	.14	.72	1	70
6AA 175A 4+25	32	57	104	35	.3	10	7	118	10.34	453	5	ND	7	651	1	31	2	18	.04	.45	57	14	.08	27	.01	2	.54	.18	.61	1	95
6AA 175A 4+50	58	57	143	35	.6	10	7	70	10.37	438	5	ND	8	778	1	28	2	23	.02	.39	61	11	.05	21	.01	5	.54	.18	.65	1	15
6AA 175A 4+75	144	45	208	36	1.4	7	7	73	11.69	420	5	ND	4	1229	1	34	2	18	.03	.56	56	8	.05	18	.01	2	.34	.26	.84	1	30
6AA 175A 5+00	250	81	427	60	5.3	6	10	204	17.68	698	5	ND	16	1477	1	42	5	17	.03	1.24	66	9	.07	22	.01	2	.51	.37	1.14	1	125
6AA 175A 5+25	140	104	334	201	1.6	32	17	1461	10.74	342	5	ND	4	619	1	12	2	16	.08	.61	123	7	.05	40	.01	2	1.05	.08	.32	1	60
6AA 175A 5+50	1018	205	487	170	3.8	18	23	1038	12.69	375	5	ND	19	984	1	24	7	20	.05	.67	140	7	.08	37	.01	2	.91	.09	.42	1	50
6AA 175A 5+75	202	77	324	131	1.3	17	14	2495	7.21	171	5	ND	3	369	1	16	2	25	.03	.36	125	14	.11	121	.01	2	.82	.05	.19	1	17
6AA 175A 6+00	111	89	254	239	.9	19	18	2284	8.28	374	5	ND	21	252	1	52	2	30	.05	.27	121	15	.15	179	.02	3	1.23	.04	.16	6	140
6AA 180A 7+75	30	140	251	222	.4	21	33	2341	7.52	92	5	ND	4	147	1	80	2	25	.10	.39	82	13	.18	154	.01	2	1.54	.02	.05	1	295
6AA 183AT 0+25	59	50	317	73	.8	5	7	134	11.45	281	5	ND	19	1297	1	19	2	11	.03	.86	78	4	.06	21	.01	2	.27	.38	.56	1	70
6AA 183AT 0+50	153	174	280	170	1.1	28	20	905	11.77	288	5	ND	20	1081	1	19	2	33	.07	.87	129	13	.14	30	.01	5	1.38	.12	.46	1	85
6AA 183AT 0+75	380	131	347	221	1.0	31	20	931	11.60	230	5	ND	20	592	1	18	3	25	.06	.69	146	15	.14	43	.01	2	1.19	.08	.29	1	36
6AA 183AT 1+25	87	120	516	437	2.9	48	27	5882	6.50	124	5	ND	10	167	2	29	6	35	.25	.26	211	25	.33	784	.02	4	1.76	.02	.08	1	1190
6AA 183AT 1+50	127	152	278	185	1.3	25	30	2181	10.23	359	5	ND	25	353	1	46	2	27	.05	.58	103	13	.18	68	.01	2	1.44	.07	.22	1	210
6AA 183AT 1+75	27	75	93	94	.4	15	12	578	8.50	142	5	ND	3	478	1	8	2	26	.03	.61	68	20	.45	46	.01	5	1.78	.08	.38	1	8
6AA 183AT 2+00	15	98	93	125	.4	18	19	856	9.14	129	5	ND	7	674	1	4	3	30	.03	.59	63	19	.80	34	.02	2	1.59	.08	.44	1	7
6AA 183AT 2+25	19	105	63	131	.3	28	38	1845	6.97	90	5	ND	6	290	1	2	4	59	.24	.51	58	39	1.35	227	.07	5	2.13	.03	.37	1	10
6AA 186A 0+00	122	151	453	251	1.3	24	27	3189	8.19	194	5	ND	13	168	1	40	2	18	.03	.32	178	10	.13	204	.01	2	1.08	.02	.11	1	95
6AA 186A 0+25	32	67	127	73	.5	6	8	223	8.92	180	5	ND	9	624	1	14	2	10	.01	.57	58	5	.06	34	.01	4	.47	.11	.39	1	12
6AA 186A 0+50	26	107	136	115	.7	16	15	570	9.61	142	5	ND	6	535	1	10	2	24	.03	.58	91	11	.17	33	.01	7	1.12	.10	.38	1	7
6AA 186A 0+75	23	104	128	126	.5	25	25	1676	9.20	124	5	ND	2	488	1	6	2	33	.05	.60	72	17	.45	55	.01	4	1.55	.07	.32	1	5
6AA 186A 1+00	27	63	58	72	.3	11	10	341	9.51	133	5	ND	3	573	1	4	2	43	.04	.73	61	32	.79	52	.01	2	1.87	.08	.44	1	4
6AA 186A 1+25	9	81	72	135	.4	8	8	213	10.10	143	5	ND	12	870	1	2	3	60	.11	.81	54	16	1.72	28	.05	5	2.13	.09	1.11	1	11
6AA 186A 1+50	9	101	.64	126	.3	24	22	1832	6.17	47	5	ND	2	181	1	2	2	42	.36	.37	65	22	.73	295	.03	5	1.63	.02	.22	1	9
6AA 186A 1+75	6	69	59	130	.1	18	20	3079	5.25	28	5	ND	2	120	1	2	2	53	.40	.31	66	19	.64	451	.04	2	1.69	.01	.24	1	25
6AA 186A 2+00	7	70	52	135	.2	24	21	1623	5.08	20	5	ND	6	112	1	2	2	61	.43	.29	69	24	1.18	480	.10	6	2.12	.01	.33	1	16
6AA 186A 2+25	5	56	47	109	.2	18	15	1007	4.78	15	5	ND	1	67	1	2	2	61	.28	.17	55	26	.89	341	.04	2	2.07	.01	.17	1	5
STD C/AU-0.5	21	59	39	133	7.1	67	28	1151	3.92	37	17	8	36	51	16	15	21	57	.48	.15	39	58	.88	170	.07	40	1.72	.06	.10	11	500

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
6AA 1815A BLO	12	122	122	128	.5	22	29	1425	9.95	182	5	ND	13	439	1	2	8	45	.24	.70	45	22	1.09	40	.03	2	1.49	.10	.56	1	27
6AA 1815A 0+25	11	94	61	135	.3	33	26	1338	6.43	58	5	ND	5	258	1	2	3	74	.59	.43	52	46	1.82	389	.11	2	2.24	.03	.43	1	6
6AA 1815A 0+50	31	101	119	134	.5	24	23	1024	8.62	156	5	ND	14	379	1	3	4	28	.10	.53	62	13	.53	99	.03	2	1.24	.07	.31	1	17
6AA 1815A 0+75	111	174	318	239	1.0	26	27	1997	14.95	413	5	ND	24	773	1	23	2	18	.04	.86	90	4	.08	41	.01	2	1.31	.24	.42	1	185
6AA 1815A 1+00	212	239	516	258	1.0	35	37	2819	13.83	406	5	ND	24	621	1	25	3	18	.06	.78	109	6	.08	52	.01	2	1.46	.10	.32	1	140
6AA 1815A 1+25	162	98	237	110	1.1	12	12	692	11.15	263	5	ND	19	544	1	10	2	17	.04	.66	67	7	.14	30	.01	2	.76	.22	.67	1	70
6AA 1815A 1+50	127	128	195	160	.9	24	19	905	8.87	187	5	ND	8	460	1	7	3	33	.12	.57	79	17	.34	54	.03	2	1.39	.09	.33	1	34
6AA 1815A 1+75	336	60	209	56	.9	6	9	202	13.38	260	5	ND	14	690	1	9	3	17	.03	.83	38	6	.08	24	.02	2	.42	.23	1.11	1	55
6AA 1815A 2+00	102	76	173	66	.8	7	11	190	16.58	344	5	ND	12	1000	1	10	2	21	.04	1.11	41	9	.08	25	.02	2	.58	.48	1.02	1	60
6AA 1815A 2+50	58	49	82	30	.4	6	4	126	6.32	224	5	ND	15	574	1	24	2	8	.02	.31	41	7	.06	40	.01	2	.61	.09	.41	1	50
6AA 1815A 2+75	41	68	108	55	.7	27	9	228	11.57	365	5	ND	7	375	1	26	2	31	.04	.51	47	25	.26	30	.02	2	.83	.11	.63	1	115
6AA 1815A 3+00	40	66	85	34	.6	5	6	134	7.94	290	5	ND	16	1375	1	21	2	12	.04	.44	62	11	.10	32	.01	2	1.00	.13	.61	1	110
6AA 1815A 3+25	108	106	297	117	1.1	10	17	406	19.57	584	5	ND	13	1454	1	37	2	19	.04	1.39	34	9	.07	27	.01	2	.63	.38	.68	1	170
6AA 1815A 3+50	1324	75	685	44	2.7	7	10	163	17.46	465	6	ND	11	1339	1	38	9	13	.02	1.37	33	7	.06	27	.01	2	.31	.24	1.36	1	270
6AA 1815A 3+75	175	73	266	146	1.5	20	11	443	7.46	189	5	ND	1	479	1	13	2	22	.03	.43	108	10	.05	67	.01	2	.68	.06	.28	1	15
6AA 1815A 4+00	215	107	285	139	1.3	18	14	1546	7.68	168	5	ND	2	376	1	9	2	21	.04	.49	103	12	.11	110	.01	2	.83	.05	.20	1	55
6AA 1815A 4+25	102	126	466	240	1.9	23	24	5454	7.39	147	5	ND	29	143	1	24	2	28	.05	.28	124	15	.17	313	.02	2	1.14	.02	.10	3	65
6AA 1815A 4+50	122	119	464	386	1.7	40	31	5920	7.60	155	5	ND	30	205	1	40	8	27	.09	.28	199	15	.20	368	.02	2	1.49	.04	.10	1	350
6AA 1815A 4+75	50	101	132	132	.4	15	17	834	9.47	173	5	ND	13	486	1	9	2	20	.05	.60	74	12	.55	50	.01	3	1.40	.08	.33	1	15
6AA 1815A 5+00	20	97	124	113	.5	13	16	630	11.06	176	5	ND	7	782	1	9	2	29	.03	.70	55	14	.66	30	.02	2	1.46	.16	.64	1	18
6AA 1815A 5+25	13	73	71	106	.5	17	12	377	7.52	93	5	ND	4	406	1	2	2	35	.04	.52	48	39	.96	110	.02	2	2.09	.05	.29	1	12
6AA 1815A 5+50	11	71	81	121	.3	15	15	782	7.76	102	5	ND	9	374	1	2	2	54	.12	.54	46	24	1.25	91	.06	3	1.87	.05	.53	1	40
6AA 1815A 5+75	11	78	70	109	.3	16	15	657	7.32	80	5	ND	6	424	1	2	4	41	.13	.48	57	21	.82	110	.04	4	1.76	.05	.40	1	22
6AA 1815A 6+00	10	78	72	139	.2	22	21	1768	6.12	57	5	ND	7	206	1	2	2	43	.26	.43	69	22	.68	329	.05	6	1.75	.03	.25	1	15
6AA 1815A 6+25	7	58	58	138	.1	16	19	2547	5.22	20	5	ND	2	79	1	2	2	54	.17	.28	57	19	.68	423	.05	2	1.61	.01	.23	1	2
6AA 1815A 6+50	7	58	69	124	.2	15	17	2134	4.92	32	5	ND	2	84	1	2	2	47	.13	.27	62	15	.33	295	.03	4	1.24	.01	.15	1	10
6AA 1815A 6+75	15	51	70	102	.2	12	12	2340	4.55	34	5	ND	1	110	1	6	2	31	.03	.19	70	9	.08	245	.01	4	.63	.01	.07	1	10
6AA 1815A 7+00	23	88	133	228	.3	21	31	4671	6.89	74	5	ND	2	147	1	23	2	37	.13	.37	73	14	.28	272	.01	2	1.45	.01	.08	1	55
6AA 1815A 7+25	18	165	146	278	.7	28	53	5324	8.71	75	5	ND	26	195	1	7	3	73	.30	.28	106	16	.82	800	.05	3	1.40	.01	.22	1	215
6AA 1815A 7+50	14	120	133	285	.8	30	54	7227	8.04	192	5	ND	22	188	1	13	2	46	.35	.33	114	8	.28	904	.01	2	1.44	.01	.07	1	110
6AA 1815A 7+75	9	130	95	191	.2	24	38	3661	6.38	38	5	ND	8	177	1	2	2	41	.49	.34	101	11	.52	426	.04	2	1.41	.01	.16	1	50
6AA 1815A 8+07	5	125	76	160	.4	19	30	2881	6.04	29	5	ND	6	191	1	4	2	40	.35	.37	112	8	.29	324	.01	5	1.19	.01	.14	1	15
6AA 1815A 8+25	6	99	88	164	.5	19	31	3471	4.91	16	5	ND	2	103	1	4	3	47	.16	.25	108	11	.50	384	.02	3	1.90	.01	.22	1	17
6AA 1747A 3+50	23	81	504	43	1.0	11	7	94	9.15	483	5	ND	7	621	1	170	2	15	.02	.40	49	12	.09	28	.01	2	.84	.16	.59	1	220
6AA 1747A 3+75	30	49	292	24	.6	8	6	60	9.26	414	5	ND	28	1490	1	132	2	13	.04	.51	73	10	.07	50	.01	2	.59	.16	.86	1	335
6AA 1747A 4+00	52	54	134	33	1.1	13	8	81	13.71	620	5	ND	12	531	1	70	2	28	.02	.48	54	17	.07	22	.02	2	.40	.22	1.13	1	155
STD C/AU-0.5	20	59	39	132	7.0	67	28	1119	3.91	38	18	7	35	50	16	15	20	55	.48	.14	38	56	.88	175	.07	41	1.72	.06	.10	12	510

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
6AA 1747A 4+25	29	74	628	41	.9	12	9	121	14.04	581	5	ND	15	605	1	338	2	26	.03	.50	43	22	.11	34	.02	2	.79	.29	.76	1	95
6AA 1747A 4+50	56	87	137	43	.7	9	9	116	17.15	775	5	ND	22	963	1	38	2	24	.03	.50	51	14	.08	31	.01	6	.53	.33	1.14	1	70
6AA 1747A 4+75	91	41	180	29	1.2	7	6	60	10.83	366	5	ND	3	813	1	23	2	15	.02	.39	41	9	.04	25	.01	2	.31	.19	.92	1	65
6AA 1747A 5+00	212	64	346	48	3.9	7	9	208	14.35	465	5	ND	9	1041	1	28	4	16	.02	.91	56	11	.06	24	.01	3	.51	.27	1.01	1	115
6AA 1747A 5+25	212	174	284	155	1.7	18	28	1930	10.55	303	5	ND	15	561	1	14	2	20	.08	.58	111	8	.11	47	.01	6	.84	.06	.28	1	70
6AA 1747A 5+50	605	197	335	147	3.1	14	20	926	13.40	279	5	ND	14	694	1	14	2	21	.05	.77	88	7	.07	31	.01	2	.85	.15	.46	1	55
6AA 1747A 5+75	131	117	292	217	1.7	21	20	2211	9.48	271	5	ND	24	402	1	46	2	28	.04	.31	147	14	.13	68	.01	8	1.20	.07	.27	4	140
6AA 1747A 6+00	95	81	220	173	1.1	22	15	1979	7.64	351	5	ND	6	221	1	55	2	33	.03	.25	108	22	.17	269	.02	4	1.26	.04	.15	7	135
6AA 1747A 6+25	41	97	117	117	.6	16	17	1341	8.51	174	5	ND	6	350	1	12	2	30	.05	.51	80	18	.51	101	.01	9	1.46	.05	.28	1	60
6AA 1747A 6+50	46	42	177	60	.6	9	6	694	4.90	83	5	ND	1	479	1	8	2	26	.05	.27	78	11	.17	62	.01	4	.58	.06	.31	1	34
6AA 1747A 6+75	17	77	94	108	.4	23	13	513	8.33	119	5	ND	6	501	1	4	3	40	.03	.45	56	32	.77	92	.03	6	2.19	.06	.30	1	25
6AA 1747A 7+00	12	49	65	84	.4	14	10	641	5.97	73	5	ND	2	258	1	2	4	54	.08	.37	46	30	.90	217	.03	5	1.54	.04	.31	1	13
6AA1779 0+10N 10E	8	177	115	213	.5	20	41	3242	7.31	37	5	ND	20	162	1	5	3	104	.68	.34	96	20	1.39	510	.11	4	1.66	.01	.38	1	75
6AA1779 0+10N 20E	9	107	210	237	.6	16	28	3166	6.54	90	5	ND	22	122	1	52	2	35	.56	.44	112	9	.27	255	.02	4	.75	.02	.11	1	140
6AA1779 0+10N 30E	12	139	475	235	.6	15	28	2283	6.90	96	5	ND	21	120	1	93	2	23	.51	.51	99	5	.07	150	.01	2	.62	.01	.06	1	210
6AA1779 0+10N 40E	31	126	530	306	1.0	15	38	2201	7.55	95	5	ND	22	108	1	175	2	20	.21	.43	94	6	.08	157	.01	7	.78	.01	.05	1	250
6AA1779 0+10N 50E	27	203	2150	600	1.5	14	40	3150	7.95	103	5	ND	26	130	3	1166 ✓	2	31	.37	.51	108	7	.25	242	.02	5	.82	.01	.11	1	590
6AA1779 0+10N 60E	22	197	2957	1030	2.4	26	53	4497	8.80	164	5	ND	21	259	6	1523	9	53	.50	.49	115	11	.49	671	.04	10	1.20	.01	.18	1	820
6AA1779 0+10N 70E	20	113	545	284	.8	15	32	2674	7.17	117	5	ND	1	186	1	308	2	29	.17	.43	77	13	.17	244	.01	5	1.27	.02	.09	1	225
6AA1779 0+20S 00	12	136	268	262	.5	16	30	3106	6.34	45	5	ND	25	122	1	35	2	66	.57	.38	102	14	.81	419	.07	2	1.06	.02	.31	1	185
6AA1779 0+20S 10E	10	89	93	156	.3	13	22	2129	5.32	83	5	ND	22	104	1	39	2	23	.48	.39	81	7	.11	132	.01	5	.50	.02	.07	1	110
6AA1779 0+20S 30E	23	160	1501	274	1.1	21	41	2738	8.19	160	5	ND	12	225	1	422	3	29	.15	.50	108	15	.25	218	.02	4	1.43	.02	.06	1	850
6AA1779 0+20S 40E	18	136	996	237	1.3	23	32	2318	7.29	150	5	ND	9	143	1	363	2	32	.27	.46	79	20	.31	171	.02	2	1.41	.02	.07	1	620
6AA1779 0+20S 50E	16	100	180	132	.4	14	18	1534	5.40	62	5	ND	2	86	1	65	2	22	.13	.36	69	11	.17	103	.01	7	1.15	.01	.05	1	120
6AA1779 0+20S 60E	19	140	193	155	.6	16	28	1545	7.25	64	5	ND	7	86	1	83	2	20	.18	.48	91	9	.12	140	.01	4	1.30	.01	.04	1	205
6AA1779 0+20S 70E	18	178	133	138	.5	16	35	2564	6.87	52	5	ND	5	98	1	56	2	16	.19	.53	80	6	.10	173	.01	3	1.35	.01	.04	1	125
6AA1779 0+20S 80E	27	95	181	175	.5	16	20	643	10.42	153	5	ND	12	356	1	60	2	46	.04	.57	47	12	.08	72	.01	3	1.35	.06	.27	1	90
6AA1779 0+20S 90E	6	111	93	177	.2	26	45	3861	6.31	44	5	ND	12	302	1	13	2	31	.24	.43	114	10	.14	447	.01	5	1.42	.01	.10	1	46
6AB 6+00N 2+00E	2	20	6	38	.3	58	7	288	2.84	2	5	ND	1	8	1	2	3	74	.13	.05	2	153	1.14	26	.23	4	1.74	.01	.02	1	5
6AB 6+00N 2+25E	2	9	3	22	.1	33	7	247	1.91	3	5	ND	1	6	1	2	3	91	.10	.03	5	107	.72	45	.22	5	.96	.01	.01	1	120
6AB 6+00N 2+50E	1	29	8	56	.1	151	21	707	6.02	11	5	ND	1	6	1	2	4	119	.16	.04	2	342	2.57	35	.30	2	2.39	.01	.01	1	11
6AB 6+00N 2+75E	2	90	7	105	.1	421	32	1271	4.67	9	5	ND	1	27	1	2	2	81	.66	.09	3	416	2.80	51	.10	5	2.50	.01	.02	1	4
6AB 6+00N 3+00E	3	84	12	98	.1	406	30	1645	4.32	13	5	ND	1	39	1	2	2	71	.84	.12	6	379	2.35	64	.06	5	2.19	.01	.02	1	21
6AB 6+00N 3+25E	3	48	9	51	.1	70	15	382	11.24	28	5	ND	1	12	1	2	2	69	.26	.11	2	114	.95	26	.33	4	1.19	.01	.03	1	6
6AB 6+00N 3+50E	3	63	5	90	.1	351	27	594	5.41	46	5	ND	1	9	1	2	2	91	.25	.06	3	414	2.48	44	.16	10	2.60	.01	.02	1	30
6AB 6+00N 3+75E	2	19	5	46	.1	112	17	416	7.90	18	5	ND	1	4	1	2	8	117	.07	.05	4	391	1.32	27	.33	7	1.67	.01	.01	1	9
STD C/AU-0.5	20	61	37	126	7.2	67	27	1097	3.92	39	16	7	34	48	17	15	21	60	.48	.14	37	59	.88	178	.07	38	1.72	.06	.09	11	480

✓ Sb upper limits 1000 ppm.

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
6AA 168C 0+00	5	100	149	283	1.5	566	46	2312	8.10	508	5	ND	3	94	1	22	2	57	.14	.13	15	437	1.15	170	.01	3	1.25	.01	.06	1	46
6AA 168C 0+25	7	125	151	239	1.5	382	39	1588	7.96	285	5	ND	5	118	1	15	2	77	.51	.19	27	255	1.59	149	.07	4	1.67	.01	.08	1	39
6AA 168C 0+50	1	119	520	295	3.0	756	57	1599	7.38	259	5	ND	3	256	1	10	3	87	1.09	.09	11	648	3.12	60	.06	2	1.92	.01	.17	1	29
6AA 168C 0+75	27	120	138	190	.7	81	25	1680	9.84	282	14	ND	19	401	1	24	4	41	.16	.47	54	38	.71	211	.05	2	1.36	.07	.37	1	90
6AA 168C 1+00	11	106	78	152	.5	112	30	1858	7.00	380	5	ND	3	139	1	16	3	31	.07	.23	28	36	.33	195	.01	2	.97	.03	.10	1	75
6AA 168C 1+25	9	112	80	139	.4	34	23	1555	9.01	201	6	ND	14	440	1	12	5	54	.30	.53	45	37	1.17	132	.06	2	1.64	.08	.55	1	33
6AA 168C 1+50	7	78	69	100	.3	15	10	832	9.42	200	10	ND	9	437	1	5	6	57	.13	.51	41	31	1.01	67	.04	2	1.51	.13	.67	1	21
6AA 168C 1+75	11	135	78	155	.2	24	24	1769	9.70	141	5	ND	15	397	1	2	7	54	.22	.59	64	30	1.30	122	.05	4	1.84	.08	.60	1	18
6AB 4+50N 2+00E	4	125	13	147	1.3	133	16	647	3.80	6	5	ND	4	34	1	2	2	38	.35	.12	10	101	1.86	67	.05	3	1.34	.01	.06	1	5
6AB 4+50N 2+50E	8	89	10	120	1.3	71	7	518	3.72	16	5	ND	1	20	1	2	2	64	.28	.11	7	97	1.39	184	.10	2	1.72	.01	.05	1	17
6AB 4+50N 2+66E SILT	9	115	12	174	.9	94	13	603	3.79	11	5	ND	3	47	1	2	2	40	.73	.16	11	74	1.43	127	.07	4	1.14	.01	.05	1	7
6AB 4+50N 2+75E	14	146	15	211	1.5	81	16	848	4.50	20	5	ND	3	12	1	6	2	47	.19	.19	15	64	1.16	141	.06	5	1.30	.01	.05	1	13
6AB 4+50N 3+00E	16	189	20	193	.9	77	8	424	4.91	19	5	ND	3	12	1	2	2	69	.18	.17	12	85	1.39	167	.05	3	1.86	.01	.06	1	23
6AB 4+50N 3+50E	1	127	10	102	.6	226	24	794	5.69	75	5	ND	1	9	1	5	2	109	.20	.08	6	300	2.11	72	.25	3	2.51	.01	.03	1	4
6AB 4+50N 3+75E	1	130	9	97	1.0	66	14	673	7.75	20	5	ND	2	7	1	2	2	147	.15	.11	8	132	1.79	76	.21	2	2.69	.01	.03	1	3
6AB 4+50N 4+00E	2	20	11	66	1.8	30	5	468	4.43	20	5	ND	1	8	1	5	2	92	.05	.06	4	137	1.06	78	.25	2	2.04	.01	.03	1	1
6AB 4+50N 4+25E	3	48	14	121	.4	257	22	1102	4.53	117	5	ND	1	27	1	2	2	84	.43	.08	4	444	2.77	102	.15	3	2.18	.01	.05	1	24
6AB 4+50N 4+50E	3	23	16	105	.3	126	8	278	4.29	38	5	ND	3	3	1	3	2	58	.02	.06	13	237	1.33	156	.11	2	1.74	.01	.07	1	1
6AB 4+50N 4+75E	6	76	18	101	.3	1897	156	2753	12.84	130	5	ND	3	11	1	2	6	53	.07	.23	9	1068	3.01	86	.01	2	1.39	.01	.01	1	34
6AB 4+50N 5+00E	4	61	17	134	.3	1068	50	1237	7.30	408	5	ND	2	19	1	13	4	77	.15	.10	7	786	2.70	108	.08	2	2.24	.01	.04	1	11
6AB 4+50N 5+25E	19	26	5	30	.1	45	5	146	1.99	88	5	ND	2	10	1	2	2	39	.02	.04	12	28	.10	50	.01	3	.66	.01	.03	1	340
6AB 4+50N 5+50E	5	52	15	68	.5	92	21	802	10.09	442	5	3	2	7	1	21	2	46	.03	.09	2	57	.15	41	.02	2	.64	.01	.02	2	2250
6AB 4+50N 5+75E	8	43	11	145	.1	346	29	1305	6.13	224	5	ND	1	25	1	6	2	35	.04	.20	8	278	.75	62	.01	2	1.04	.01	.03	1	80
6AB 4+50N 6+00E	2	71	26	107	.4	140	20	841	5.10	31	5	ND	12	85	1	2	2	113	.70	.30	40	270	3.17	143	.27	2	2.67	.01	.68	1	1
6AB 4+00N 2+00E	13	231	16	300	1.6	158	18	890	6.30	17	5	ND	4	18	6	4	2	50	.22	.21	24	83	1.83	162	.02	3	1.43	.01	.06	1	10
6AB 4+00N 2+25E	18	57	10	136	.5	70	6	385	3.66	16	5	ND	1	7	1	2	2	79	.07	.21	4	119	1.21	134	.01	2	1.44	.01	.06	1	11
6AB 4+00N 2+25EA	2	59	12	61	1.3	26	3	399	4.58	11	5	ND	1	9	1	2	2	72	.10	.09	2	79	.87	102	.18	2	1.88	.01	.02	1	2
6AB 4+00N 2+50E	5	55	12	89	1.2	43	5	354	4.04	13	5	ND	1	8	1	2	5	76	.11	.17	2	101	1.38	113	.11	2	1.80	.01	.06	1	5
6AB 4+00N 2+75E	7	63	13	93	1.5	50	5	488	5.25	18	5	ND	1	10	1	2	3	85	.13	.12	3	129	1.45	97	.19	2	2.41	.01	.06	1	2
6AB 4+00N 3+00E	5	90	14	110	1.4	62	6	385	4.83	14	5	ND	2	12	1	3	2	76	.18	.12	3	111	1.25	93	.14	2	2.03	.01	.04	1	6
6AB 4+00N 3+25E	1	31	8	60	.9	64	8	465	3.10	53	5	ND	1	12	1	2	2	84	.25	.07	4	153	1.48	138	.12	2	1.67	.01	.05	1	4
6AB 4+00N 3+25EA	1	85	13	90	.4	501	49	1130	5.30	94	5	ND	1	17	1	4	3	102	.39	.08	2	283	2.23	63	.21	2	2.14	.01	.04	1	7
6AB 4+00N 3+50E	1	10	9	21	.7	18	1	89	1.79	11	5	ND	1	7	1	2	2	155	.04	.02	2	86	.36	34	.46	2	1.44	.01	.02	1	10
6AB 4+00N 3+75E	1	21	14	79	.4	43	2	384	4.90	24	5	ND	3	5	1	2	2	71	.06	.07	11	95	1.73	197	.31	2	2.39	.01	.27	1	2
6AB 4+00N 4+00E	4	77	13	128	.4	628	42	1141	6.01	151	5	ND	3	24	1	2	2	131	.38	.06	2	1077	6.31	72	.08	2	3.57	.01	.06	1	1
6AB 4+00N 4+25E	22	43	16	121	.8	90	5	131	2.93	23	5	ND	2	11	1	2	2	148	.01	.11	18	175	.34	161	.02	2	1.03	.01	.07	1	2
6AB 4+00N 4+50E	20	60	5	166	.2	59	6	194	3.59	71	5	ND	4	4	1	2	2	99	.01	.04	26	30	.11	127	.03	2	.68	.01	.04	1	12
STD C/FA-AU	20	59	40	138	7.2	69	27	1173	3.99	40	17	8	38	53	18	15	22	56	.46	.13	36	78	.84	168	.08	37	1.64	.06	.11	12	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
6AA 177A 2+25	65	87	177	81	.7	9	2	211	13.44	434	5	ND	29	1073	1	43	3	22	.04	.65	54	12	.12	60	.02	3	1.01	.27	.63	1	180
6AA 177A 2+50	47	78	119	38	.6	6	1	74	12.24	435	5	ND	37	810	1	58	2	19	.03	.40	50	8	.08	55	.01	9	.75	.26	.78	1	130
6AA 177A 2+75	31	75	109	38	.3	4	1	68	14.03	564	5	ND	40	930	1	87	2	24	.03	.45	58	11	.07	55	.02	9	.69	.29	.94	1	120
6AA 177A 3+00	29	70	234	38	.7	4	1	54	15.96	540	5	ND	39	855	1	113	2	26	.02	.44	66	8	.07	59	.02	9	.46	.32	1.38	2	180
6AA 177A 3+25	23	109	257	57	1.1	11	1	140	15.26	814	5	ND	41	973	1	196	2	26	.04	.60	65	12	.12	54	.01	10	1.49	.36	.86	1	235
6AA 177A 3+50	31	50	576	38	1.2	17	1	72	19.94	624	5	ND	39	1057	1	280	2	30	.02	.59	72	18	.15	60	.03	3	.45	.26	2.00	1	280
6AA 177A 3+75	34	57	94	49	.4	29	3	173	12.14	465	5	ND	23	500	1	32	2	44	.05	.33	39	39	.36	56	.05	5	1.06	.17	.73	1	195
6AA 177A 4+00	41	74	121	40	.5	14	1	105	13.21	477	5	ND	26	895	1	36	2	27	.03	.39	49	15	.13	55	.02	7	.85	.24	.74	1	130
6AA 177A 4+25	74	71	152	40	.9	9	1	79	17.48	617	5	ND	32	1074	1	53	5	25	.02	.46	44	14	.07	54	.02	15	.70	.27	.99	1	47
6AA 177A 4+50	121	58	309	51	1.9	9	1	63	11.18	256	5	ND	11	1115	1	27	6	18	.02	.50	72	7	.05	54	.01	15	.43	.30	.76	1	85
6AA 177A 4+75	285	49	459	33	4.7	4	1	110	18.33	596	5	ND	22	1196	1	43	7	13	.01	.96	35	4	.06	56	.01	11	.61	.36	1.38	1	190
6AA 177A 5+00	155	171	370	383	1.9	46	39	3913	14.66	350	5	ND	48	967	1	18	2	25	.14	.67	210	4	.06	110	.01	7	1.65	.10	.35	1	130
6AA 177A 5+25	854	270	383	173	1.8	24	25	2592	15.07	417	5	ND	41	540	1	19	7	26	.13	.66	98	5	.11	161	.01	5	.77	.07	.23	1	45
6AA 177A 5+50	105	91	179	214	1.2	19	7	968	9.55	221	5	ND	34	338	1	24	2	32	.03	.20	120	16	.19	287	.02	7	1.30	.05	.18	1	110
6AA 177A 5+75	105	114	316	283	1.3	17	20	3873	10.63	392	5	ND	93	361	1	150	4	33	.04	.25	133	7	.09	209	.01	11	.90	.06	.22	15	385
6AA 177A 6+00	38	98	123	132	.5	21	17	1582	9.06	178	5	ND	16	355	1	21	2	29	.05	.47	71	20	.51	230	.01	6	1.68	.06	.25	1	40
6AA 177A 6+25	19	90	109	123	.2	15	11	925	10.06	139	5	ND	11	677	1	9	2	39	.03	.55	65	14	.70	87	.02	15	1.69	.12	.55	1	8
6AA 177A 6+50	18	96	95	123	.3	16	13	1471	9.88	127	5	ND	14	744	1	5	2	45	.03	.52	50	35	.96	93	.03	10	1.69	.11	.47	1	12
6AA 177A 6+75	13	52	76	82	.4	11	5	673	7.48	89	5	ND	9	349	1	2	2	62	.06	.44	48	26	.93	131	.03	8	1.78	.06	.46	1	11
6AA 177A 7+00	12	75	79	116	.5	22	18	1269	7.55	104	5	ND	11	360	1	2	5	48	.11	.56	61	25	.71	382	.04	9	2.47	.04	.27	1	22
6AA 177A 7+25	15	49	106	96	.5	12	15	3898	5.09	50	5	ND	8	191	1	2	2	51	.07	.29	61	13	.37	406	.03	9	1.14	.03	.25	1	10
6AA 177A 7+50	13	82	87	111	.1	19	19	1856	6.19	48	5	ND	17	197	1	2	2	36	.30	.43	66	13	.41	276	.04	11	1.20	.03	.20	1	31
6AA 177A 7+75	9	80	72	99	.1	18	17	966	6.32	57	5	ND	10	119	1	7	2	27	.25	.31	77	13	.22	244	.01	12	1.34	.01	.06	1	26
6AA 177A 8+00	15	69	133	114	.3	16	11	1576	5.37	87	5	ND	7	105	1	41	2	34	.04	.28	60	15	.15	205	.01	13	.91	.02	.09	1	59
6AA 177A 8+25	17	73	105	92	.3	14	13	3580	4.85	53	5	ND	7	102	1	29	2	39	.06	.27	73	7	.15	236	.01	11	.91	.02	.11	1	51
6AA 177A 8+50	12	91	147	132	.4	15	16	1327	6.52	105	5	ND	10	141	1	65	2	42	.05	.28	73	8	.16	166	.01	11	1.33	.02	.08	1	125
6AA 177A 8+75	11	82	104	84	.4	12	6	278	5.25	69	5	ND	8	157	1	58	2	36	.03	.35	63	9	.12	233	.01	11	1.21	.02	.08	1	75
6AA 177A 9+00	20	103	259	140	.2	11	13	900	6.74	58	5	ND	16	162	1	113	2	21	.17	.49	74	4	.10	150	.01	12	1.04	.02	.05	1	185
6AA 177A 9+25	30	124	515	234	.5	12	38	2106	9.65	133	5	ND	39	135	1	285	2	16	.17	.58	102	1	.07	89	.01	22	1.00	.01	.03	1	600
6AA 180A 8+25	25	142	165	267	.7	28	67	8817	9.16	80	5	ND	42	377	1	27	2	61	.38	.26	110	7	.43	1095	.03	14	1.14	.01	.18	1	120
6AA 180A 8+50	24	172	136	206	.6	26	39	3900	8.24	47	5	ND	27	173	1	10	2	119	.57	.24	98	28	1.65	575	.12	21	2.11	.01	.34	1	70
6AA 180A 8+75	11	131	90	166	.1	22	29	3370	6.95	31	5	ND	17	125	1	5	4	70	.46	.38	82	19	.98	276	.06	19	1.81	.01	.28	1	13
6AA 180A 9+00	47	192	188	219	.8	26	66	7694	8.76	67	5	ND	44	155	1	15	3	102	.61	.28	92	19	1.23	954	.13	17	2.15	.01	.43	1	350
6AA 180A 9+25	43	135	106	175	.2	21	37	3272	7.15	70	5	ND	19	119	1	8	2	101	.48	.25	80	23	1.17	470	.11	16	2.07	.02	.33	1	440
6AA 180A 9+50	30	149	141	174	.5	20	30	2226	5.63	26	5	ND	25	217	1	2	2	119	.89	.32	72	24	1.86	400	.20	15	2.25	.02	.41	1	17
6AA 180A 9+75	13	195	142	182	.5	23	34	3238	7.57	32	5	ND	28	242	1	2	2	107	.62	.28	85	34	1.64	768	.19	17	2.28	.02	.68	1	16
STD C/FA-AU	19	60	40	133	6.9	66	27	1202	3.98	38	19	7	39	54	17	15	22	62	.48	.14	38	59	.88	170	.08	41	1.72	.06	.11	11	50

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
6AA 172A 7+50	14	64	106	111	.7	18	13	1397	6.93	88	5	ND	10	383	1	2	3	50	.11	.44	79	23	.67	322	.03	8	1.76	.05	.41	1	25
6AA 172A 7+75	18	80	120	116	.7	18	15	818	7.57	87	5	ND	16	499	1	2	2	49	.27	.45	68	21	.83	205	.06	5	1.67	.05	.52	1	65
6AA 172A 8+00	21	47	142	84	.9	12	9	1176	6.61	67	5	ND	7	288	1	2	2	36	.05	.44	73	11	.32	350	.01	9	1.11	.05	.29	1	15
6AA 172A 8+25	12	80	83	108	.6	20	17	2115	5.99	51	5	ND	11	120	1	7	2	30	.24	.38	88	11	.27	231	.02	4	1.24	.02	.14	1	55
6AA 172A 8+50	10	74	159	144	.4	15	12	892	6.41	62	5	ND	11	122	1	43	2	29	.21	.36	89	16	.20	164	.01	3	1.89	.01	.08	1	190
6AA 172A 8+75	15	70	98	90	1.0	13	7	309	5.21	59	5	ND	7	102	1	20	2	34	.02	.27	78	11	.12	163	.01	2	.89	.02	.11	1	60
6AA 172A 9+00	13	75	108	118	.9	21	16	1544	6.19	87	5	ND	11	131	1	29	2	41	.11	.56	74	20	.28	187	.02	5	2.09	.02	.11	1	80
6AA 172A 9+25	11	83	107	120	.4	18	18	1767	5.28	61	5	ND	10	131	1	10	2	40	.15	.33	76	14	.36	196	.02	5	1.59	.02	.18	1	60
6AA 172A 9+50	7	45	63	75	.5	11	11	1704	3.73	28	5	ND	5	68	1	3	2	48	.03	.18	60	16	.26	243	.01	4	1.66	.01	.14	1	22
6AA 172A 9+75	6	61	67	115	.4	13	18	3095	4.36	22	5	ND	7	68	1	2	2	48	.15	.21	71	15	.48	295	.04	6	1.24	.01	.37	1	26
6AA 172A 10+00	7	48	58	108	.5	13	13	2196	4.23	19	5	ND	5	59	1	5	2	56	.08	.14	60	16	.31	407	.02	2	1.60	.01	.22	1	14
6AA 174A 0+25	74	84	155	92	1.0	14	7	442	16.21	290	5	ND	24	825	1	9	10	19	.05	.90	73	4	.13	50	.01	7	.61	.31	1.26	1	40
6AA 174A 0+50	92	90	176	115	.8	13	8	657	14.38	272	5	ND	23	711	1	8	6	17	.04	.74	67	5	.11	56	.01	2	.77	.23	1.14	1	45
6AA 174A 0+75	151	105	235	89	1.1	8	4	386	17.57	366	5	ND	20	1237	1	10	6	20	.03	1.01	56	5	.07	61	.01	4	.62	.41	1.34	1	45
6AA 174A 1+00	129	101	273	68	1.8	9	2	261	14.99	354	5	ND	13	1179	1	47	8	22	.02	.73	89	5	.09	52	.01	8	.82	.26	1.15	1	55
6AA 174A 1+25	117	94	247	93	1.2	10	3	320	13.40	275	5	ND	18	959	1	20	3	28	.03	.66	68	10	.21	60	.02	2	1.01	.26	1.00	1	40
6AA 174A 1+50	108	109	201	128	1.0	16	8	717	11.84	219	5	ND	20	780	1	12	2	39	.08	.65	79	14	.42	73	.03	2	1.21	.18	.78	1	38
6AA 174A 1+75	128	90	204	87	1.1	11	5	348	14.35	294	5	ND	21	868	1	15	4	20	.02	.77	71	5	.08	59	.01	2	.83	.26	1.14	1	65
6AA 174A 2+00	85	77	209	83	1.1	9	3	423	13.45	291	5	ND	19	769	1	29	2	17	.04	.69	72	6	.07	59	.01	3	.65	.25	1.07	1	65
6AA 174A 2+25	53	71	153	58	1.0	6	1	122	12.65	410	5	ND	31	828	1	39	2	16	.02	.52	61	5	.07	50	.01	2	.73	.25	1.03	1	110
6AA 174A 2+50	45	69	249	29	1.2	4	1	40	14.98	674	5	ND	31	832	1	68	2	18	.01	.53	96	4	.07	44	.01	2	.66	.29	1.55	1	235
6AA 174A 2+75	31	94	213	50	.9	22	1	102	13.54	700	5	ND	35	897	1	122	2	20	.01	.52	93	25	.07	63	.01	4	.78	.29	1.12	1	185
6AA 174A 3+00	36	172	224	97	1.7	20	7	896	16.59	765	6	ND	39	1850	1	63	2	31	.05	1.04	216	12	.07	62	.01	2	1.71	.25	.76	1	605
6AA 174A 3+25	128	170	437	101	1.6	11	1	132	20.04	804	5	ND	37	1281	1	61	15	21	.01	.78	125	3	.09	61	.01	2	.79	.37	1.64	1	295
6AA 174A 3+50	69	192	397	167	1.3	23	9	1271	21.05	1104	5	ND	40	1094	1	93	2	27	.05	1.12	138	8	.09	61	.01	6	1.09	.27	.86	1	295
6AA 174A 3+75	20	88	393	35	.6	16	1	77	15.03	641	5	ND	32	860	1	142	2	18	.01	.45	72	12	.09	50	.01	2	.63	.22	1.41	1	215
6AA 174A 4+00	33	65	390	40	1.4	24	1	76	13.25	539	5	ND	13	728	1	178	2	24	.01	.57	86	21	.14	41	.01	2	.49	.24	1.41	1	315
6AA 174A 4+25	44	132	514	55	1.5	23	1	118	19.44	759	5	ND	27	784	1	191	2	31	.01	.66	70	22	.14	56	.02	2	.67	.36	1.60	1	205
6AA 174A 4+50	37	63	246	74	.8	69	5	193	9.61	407	5	ND	14	511	1	82	2	50	.03	.33	66	29	.07	59	.04	2	.58	.14	.65	1	26
6AA 177A 0+25	38	116	117	128	.5	31	33	2904	12.52	347	5	ND	20	392	1	7	2	34	.14	.65	71	10	.36	114	.02	4	1.04	.08	.40	1	26
6AA 177A 0+50	83	100	158	134	.7	16	11	768	14.02	278	5	ND	24	782	1	8	4	17	.03	.75	76	4	.13	52	.01	2	.85	.22	.73	1	65
6AA 177A 0+75	151	134	340	154	1.1	17	11	1120	14.99	341	5	ND	29	722	1	13	3	17	.03	.83	84	1	.09	59	.01	2	.92	.18	.94	1	90
6AA 177A 1+00	133	138	354	130	1.1	13	9	1091	18.08	392	5	ND	27	1105	1	10	8	19	.03	.87	72	5	.07	67	.01	2	.76	.34	1.24	1	55
6AA 177A 1+25	125	84	206	76	1.0	7	2	248	18.22	315	5	ND	20	1120	1	7	2	24	.01	.84	53	6	.17	69	.01	2	.91	.40	1.78	1	40
6AA 177A 1+50	124	130	194	142	1.0	18	11	941	12.80	236	5	ND	17	786	1	8	2	27	.08	.76	82	10	.22	81	.02	2	1.26	.20	.65	1	34
6AA 177A 1+75	114	93	175	71	1.1	9	3	272	13.38	336	5	ND	23	1082	1	54	2	18	.01	.72	67	5	.07	62	.01	2	1.21	.25	1.06	1	135
6AA 177A 2+00	89	81	184	86	1.0	8	4	278	14.98	291	5	ND	23	887	1	23	2	17	.02	.81	58	4	.07	64	.01	2	.68	.31	1.13	1	70
STD C/FA-AU	22	57	39	135	7.2	68	26	1139	3.97	37	18	8	37	51	18	15	18	59	.48	.13	39	60	.88	171	.08	38	1.73	.06	.15	11	50

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
6AA 168A 6+50	82	45	166	36	2.7	14	1	231	13.94	570	5	ND	18	1014	1	36	2	18	.03	.48	69	12	.09	59	.01	4	.59	.23	1.03	2	110
6AA 168A 6+75	103	39	195	35	1.5	10	1	76	9.31	326	5	ND	8	775	1	20	2	18	.03	.43	69	11	.06	61	.01	6	.41	.16	.63	1	115
6AA 168A 7+00	197	184	369	209	3.8	27	17	1936	11.86	347	5	ND	21	527	1	2	2	27	.07	.48	149	6	.17	190	.01	5	1.39	.08	.28	1	75
6AA 168A 7+25	123	302	556	431	5.2	70	70	8848	14.83	295	7	ND	27	912	2	2	5	36	.53	.52	123	13	.29	179	.01	10	2.05	.07	.22	1	130
6AA 168A 7+50	174	210	520	246	3.5	21	22	3342	13.84	311	5	ND	67	653	1	36	2	30	.11	.47	189	7	.12	91	.01	2	1.00	.12	.42	1	150
6AA 168A 7+75	81	114	357	146	1.7	17	12	1766	9.34	1315	6	ND	15	358	1	136	2	42	.04	.31	125	17	.23	335	.01	9	1.15	.06	.22	7	370
6AA 168A 8+00	20	70	86	104	.9	16	7	368	8.87	137	5	ND	11	579	1	6	2	36	.03	.47	69	25	.71	269	.03	2	2.29	.07	.31	1	23
6AA 168A 8+25	12	66	57	99	.5	18	8	473	6.72	91	5	ND	10	299	1	2	4	66	.12	.41	55	31	1.20	341	.06	3	1.65	.05	.35	1	20
6AA 168A 8+50	8	55	67	92	.8	14	7	427	6.13	89	5	ND	7	269	1	2	7	66	.04	.33	67	23	.68	381	.03	4	1.14	.03	.25	1	10
6AA 168A 8+75	16	36	108	57	.5	10	5	299	4.79	83	5	ND	6	200	1	2	4	36	.05	.35	60	12	.29	299	.01	4	.77	.03	.15	1	50
6AA 168A 9+00	16	53	100	73	.6	10	7	753	6.66	63	5	ND	9	218	1	2	4	34	.07	.56	64	11	.30	341	.02	3	1.48	.03	.18	1	16
6AA 168A 9+25	15	59	158	91	.6	16	11	1431	6.01	78	5	ND	10	159	1	31	2	37	.08	.37	69	19	.33	253	.02	4	1.52	.03	.16	1	65
6AA 168A 9+50	9	60	85	87	.4	16	9	630	5.54	60	5	ND	7	82	1	15	2	25	.16	.64	60	17	.20	145	.01	2	1.36	.01	.08	1	26
6AA 168A 9+75	11	38	80	65	.6	10	10	2715	3.73	39	5	ND	7	93	1	2	3	42	.03	.20	68	13	.19	288	.01	2	1.02	.02	.14	1	12
6AA 168A 10+00	17	63	98	116	.4	18	29	8589	5.16	49	5	ND	4	104	1	2	2	43	.02	.31	48	17	.23	404	.01	3	1.21	.02	.14	1	19
6AA 168A 10+25	11	55	53	105	.5	17	17	4027	5.83	45	5	ND	7	73	1	2	2	48	.05	.28	50	16	.19	413	.01	2	1.43	.01	.09	1	8
6AA 168A 10+50	22	100	67	128	.4	20	20	6157	6.95	65	5	ND	6	108	1	2	2	48	.04	.31	58	16	.13	560	.01	3	1.08	.01	.11	1	8
6AA 168A 10+75	6	58	46	90	.2	18	11	522	4.84	30	5	ND	6	80	1	2	2	41	.12	.25	55	19	.27	228	.02	2	1.35	.01	.12	1	5
6AA 168A 11+00	8	35	67	80	.4	12	18	3463	3.64	25	5	ND	6	58	1	2	2	35	.03	.20	47	13	.22	276	.01	3	1.22	.01	.15	1	6
6AA 168A 11+25	8	42	70	86	.3	13	17	3268	3.72	29	5	ND	7	82	1	2	2	34	.03	.19	56	11	.22	257	.02	3	1.15	.01	.16	1	5
6AA 168A 11+50	8	82	47	113	.5	20	21	2354	5.72	34	5	ND	13	135	1	2	2	67	.38	.37	67	27	.86	250	.07	7	1.96	.01	.30	1	20
6AA 168A 11+75	6	49	48	79	.6	12	8	515	3.93	31	5	ND	6	62	1	4	2	51	.04	.14	54	13	.22	217	.02	2	1.24	.01	.15	1	5
6AA 168A 12+00	2	51	38	97	.4	12	10	1030	4.27	45	5	ND	5	60	1	12	2	42	.01	.19	50	12	.29	160	.01	2	1.65	.01	.14	1	11
6AA 168A 12+25	4	65	69	143	.3	20	20	2199	7.09	143	5	ND	6	93	1	27	2	47	.06	.27	43	17	.17	532	.01	8	1.48	.01	.13	1	22
6AA 168A 12+50	8	68	62	124	.6	18	12	1185	6.55	144	5	ND	6	111	1	27	2	49	.02	.21	51	10	.11	183	.01	2	.93	.02	.10	1	38
6AA 168A 12+75	9	62	58	126	.5	15	12	1440	6.29	173	5	ND	6	121	1	28	2	43	.01	.22	51	9	.08	221	.01	2	.94	.01	.09	1	35
6AA 172A 4+75	86	60	132	34	1.0	8	1	72	14.73	639	5	ND	30	957	1	24	2	18	.01	.40	53	9	.07	52	.01	2	.48	.28	1.02	1	80
6AA 172A 5+00	83	48	152	27	2.3	9	1	48	15.71	644	5	ND	16	795	1	33	2	16	.01	.38	62	9	.08	42	.01	5	.54	.22	1.08	1	135
6AA 172A 5+25	203	35	221	18	2.6	2	1	24	19.10	713	7	ND	35	1764	1	49	9	8	.01	.80	71	1	.03	55	.01	7	.43	.96	.94	1	310
6AA 172A 5+50	212	231	428	342	2.9	40	34	4378	11.94	340	7	ND	40	507	1	9	2	22	.19	.61	195	7	.11	132	.01	9	1.58	.08	.23	1	130
6AA 172A 5+75	177	145	276	95	4.3	17	8	673	13.97	293	5	ND	24	750	1	8	2	20	.01	.77	149	17	.09	86	.01	5	2.05	.12	.31	1	80
6AA 172A 6+00	145	133	339	218	2.9	15	10	2227	12.45	276	5	ND	73	519	1	68	2	28	.02	.36	199	8	.08	66	.01	2	.94	.14	.44	2	170
6AA 172A 6+25	124	81	240	173	1.3	14	8	1544	9.28	357	5	ND	16	334	1	58	2	33	.01	.28	135	11	.09	203	.01	6	.82	.07	.25	10	230
6AA 172A 6+50	75	100	176	130	.9	18	13	1980	8.80	217	5	ND	16	341	1	31	2	29	.01	.45	96	15	.28	218	.01	6	1.34	.05	.24	1	85
6AA 172A 6+75	46	58	135	79	.8	10	4	341	8.04	125	5	ND	10	691	1	6	3	36	.03	.46	73	13	.32	71	.01	6	.85	.10	.46	1	14
6AA 172A 7+00	18	66	77	103	.6	18	9	639	8.05	111	5	ND	9	479	1	5	2	37	.01	.45	62	30	.80	306	.03	8	2.35	.06	.30	1	20
6AA 172A 7+25	11	49	55	93	.4	15	7	533	6.44	72	5	ND	8	222	1	2	2	72	.02	.34	56	31	1.10	378	.06	4	1.85	.03	.27	1	13
STD C/FA-AU	21	60	40	132	7.3	69	27	1185	4.00	40	18	7	38	56	18	15	20	62	.48	.14	39	58	.88	172	.08	40	1.73	.06	.11	12	54

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

GEOCHEMICAL ICP ANALYSIS

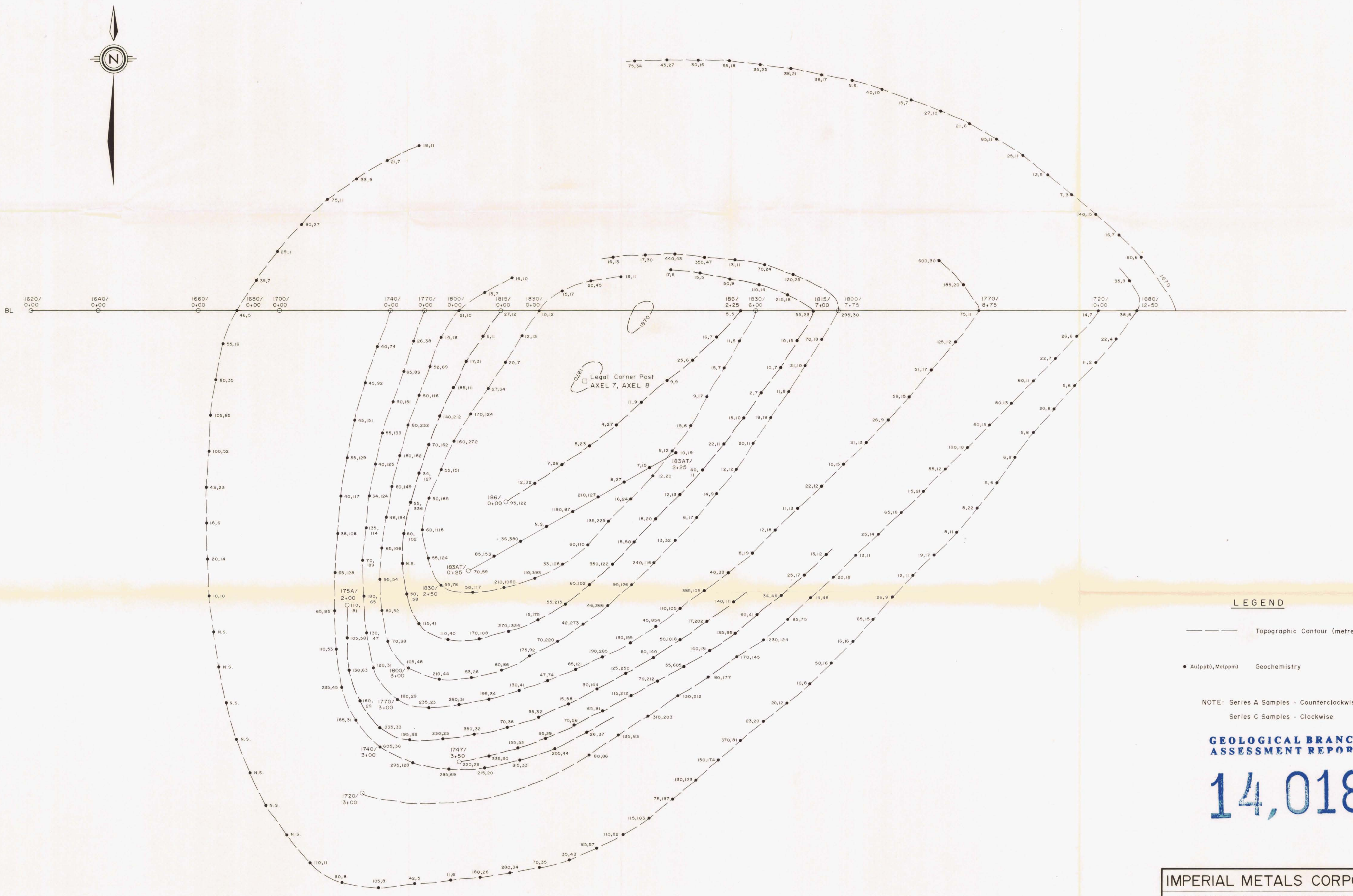
.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

P13-17 ROCKS

DATE RECEIVED: JULY 29 1985 DATE REPORT MAILED: Aug 1/85 ASSAYER. T. Saundry .DEAN TOYE OR TOM SAUNDRY. CERTIFIED B.C. ASSAYER

IMPERIAL METALS CORPORATION PROJECT - AXELGOLD JOINT FILE # 85-1610 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
6AA 167A 13+00	6	105	82	184	.4	39	35	2888	7.82	284	6	ND	13	634	1	53	3	29	.28	.28	62	10	.12	533	.01	21	.80	.01	.11	1	80
6AA 167A 13+25	7	56	75	52	.4	7	7	322	11.16	77	8	ND	16	1340	1	39	3	13	.08	.72	66	3	.04	65	.01	19	.56	.47	.31	1	16
6AA 167A 13+50	15	82	70	129	.1	25	24	1695	6.61	249	5	ND	4	234	1	42	2	57	.26	.21	46	14	.31	745	.01	16	1.69	.02	.11	1	140
6AA 167A 13+75	3	86	71	106	.2	14	21	1605	6.35	30	5	ND	9	149	1	3	3	94	.40	.25	71	21	.58	383	.04	10	1.67	.02	.19	1	7
6AA 167A 14+00	5	49	91	81	.1	14	14	1099	3.86	45	5	ND	7	191	1	17	3	51	.29	.24	56	19	.34	379	.01	9	1.50	.01	.16	1	12
6AA 167A 14+25	11	211	101	95	.3	28	52	2351	8.84	46	7	ND	11	510	1	9	3	44	.31	.69	84	15	.43	320	.02	15	2.32	.03	.23	1	25
6AA 167A 14+50	11	128	223	203	.4	23	30	2162	6.22	120	5	ND	11	259	1	81	2	46	.28	.37	81	18	.60	396	.02	14	1.46	.02	.23	1	85
6AA 167A 14+75	6	101	102	144	.2	29	29	2629	4.73	77	5	ND	8	153	1	16	2	56	.35	.30	69	34	1.45	299	.06	13	2.18	.01	.26	1	21
6AA 167A 15+00	10	152	98	144	.3	28	37	3227	7.40	90	5	ND	9	147	1	16	4	51	.42	.44	83	22	1.09	297	.04	12	1.68	.01	.22	1	27
6AA 167A 15+25	7	94	89	100	.3	21	26	1804	6.37	49	5	ND	8	169	1	2	3	56	.43	.32	63	26	.74	318	.03	12	1.69	.02	.18	1	15
6AA 167A 15+50	10	155	167	217	.5	34	44	2908	7.58	133	5	ND	20	254	1	34	2	77	.45	.40	103	24	.76	298	.06	16	1.66	.03	.26	1	40
6AA 167A 16+00	17	158	130	136	.2	27	49	3426	9.33	107	5	ND	13	442	1	7	2	40	.25	.57	79	15	.42	176	.01	14	1.81	.08	.32	1	36
6AA 167A 16+25	21	188	61	157	.1	34	56	3627	11.02	125	5	ND	22	168	1	9	2	20	.30	.77	86	4	.11	128	.01	16	.58	.02	.10	1	38
6AA 167A 16+50	25	132	66	147	.2	22	21	1070	8.76	100	5	ND	7	577	1	3	2	47	.19	.45	63	10	.30	232	.01	15	1.23	.05	.26	1	35
6AA 167A 16+75	18	140	124	173	.3	21	15	1128	11.38	98	5	ND	23	494	1	2	2	44	.20	.66	82	13	.66	251	.03	15	1.66	.05	.41	1	55
6AA 167A 17+00	16	137	84	145	.4	21	25	1961	10.56	90	5	ND	20	412	1	2	2	85	.28	.71	91	22	1.62	233	.05	18	2.30	.07	.44	1	30
6AA 167A 17+25	27	148	132	149	.3	25	34	3677	8.06	57	5	ND	11	302	1	2	2	51	.20	.52	69	14	.68	232	.04	13	2.58	.06	.26	1	45
6AA 167A 17+50	34	125	140	163	.5	28	42	2659	8.32	69	6	ND	16	307	1	2	8	55	.25	.38	82	15	.71	308	.05	14	2.53	.04	.28	1	75
6AA 168A 0+25	16	133	154	271	1.5	384	41	1579	10.58	550	5	ND	7	222	1	39	5	40	.25	.16	32	78	.32	270	.01	16	.78	.03	.13	1	55
6AA 168A 0+50	35	174	149	258	.8	263	36	1514	10.78	429	5	ND	12	389	1	46	2	56	.27	.36	51	76	.73	165	.05	11	1.33	.06	.44	1	80
6AA 168A 0+75	85	136	174	197	.6	214	25	1094	13.45	453	5	ND	11	909	1	55	3	35	.25	.58	56	41	.35	64	.01	12	.93	.19	.51	1	105
6AA 168A 1+00	52	110	171	236	1.0	393	37	1402	10.53	491	5	ND	16	589	1	39	2	38	.53	.27	50	68	.73	108	.01	15	.79	.10	.33	1	100
6AA 168A 1+25	23	101	73	149	.7	519	47	1579	7.69	212	5	ND	10	263	1	17	4	62	.15	.24	37	226	1.74	315	.03	10	1.55	.04	.20	1	43
6AA 168A 1+50	6	119	67	191	.9	89	39	1928	7.42	47	5	ND	18	460	1	2	2	176	1.52	.57	73	130	3.29	625	.24	11	2.70	.02	1.01	1	18
6AA 168A 1+75	14	186	41	234	.9	183	21	1106	10.49	54	5	ND	6	62	1	2	2	90	.11	.19	34	170	1.30	136	.06	10	3.91	.01	.11	1	20
6AA 168A 2+00	10	40	28	69	.7	187	14	717	4.07	49	5	ND	2	59	1	4	6	98	.03	.17	16	525	1.62	134	.13	7	1.62	.01	.06	1	10
6AA 168A 4+00	11	112	83	226	.8	586	45	2470	8.79	367	5	ND	11	313	1	23	3	53	.11	.32	43	239	.99	126	.02	6	1.35	.06	.30	1	110
6AA 168A 4+25	8	104	68	178	.8	967	56	1863	10.36	359	5	ND	13	218	1	27	2	51	.06	.18	30	352	1.60	314	.04	4	1.22	.05	.21	1	90
6AA 168A 4+50	8	108	74	187	1.1	1444	69	1844	10.28	407	5	ND	11	232	1	30	2	56	.07	.18	47	397	1.88	316	.03	14	1.35	.05	.20	1	105
6AA 168A 4+75	5	77	31	98	.7	2078	117	1386	7.51	281	5	ND	6	102	1	11	6	72	.12	.08	15	704	8.11	173	.02	39	1.59	.02	.08	1	42
6AA 168A 5+00	6	86	29	134	.6	668	55	1344	8.29	234	5	ND	4	227	1	6	2	196	.80	.10	20	458	4.13	179	.14	14	2.77	.02	.35	1	11
6AA 168A 5+25	26	127	257	145	.7	91	20	1894	12.23	359	5	ND	28	784	1	74	2	42	.18	.45	74	47	.38	77	.01	8	1.07	.15	.64	1	180
6AA 168A 5+50	34	79	208	68	.6	29	5	661	12.47	516	5	ND	12	685	1	63	2	34	.02	.46	71	22	.14	75	.01	8	.97	.19	.89	1	280
6AA 168A 5+75	35	77	206	72	1.1	34	5	763	12.56	533	5	ND	13	729	1	56	2	34	.01	.51	68	22	.12	78	.01	3	.80	.20	.81	1	70
6AA 168A 6+00	43	35	187	32	1.4	21	2	245	7.33	330	5	ND	13	489	1	49	2	25	.01	.23	57	11	.07	65	.01	7	.71	.10	.54	1	35
6AA 168A 6+25	57	66	148	36	.6	10	1	83	13.61	581	6	ND	39	932	1	41	2	20	.01	.41	59	9	.08	61	.01	3	.61	.25	.80	1	85
STD C/FA-AU	22	61	38	133	6.9	69	27	1191	3.99	39	18	9	39	60	18	16	21	62	.48	.14	37	61	.88	167	.08	37	1.73	.06	.11	12	54



LEGEND

— — — Topographic Contour (metres)

• Au(ppb), Mo(ppm) Geochemistry

NOTE: Series A Samples - Counterclockwise
Series C Samples - Clockwise

GEOLOGICAL BRANCH ASSESSMENT REPORT

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IMPERIAL METALS CORPORATION

GOLDAXE & AXEL CLAIMS - AXELGOLD J.V.

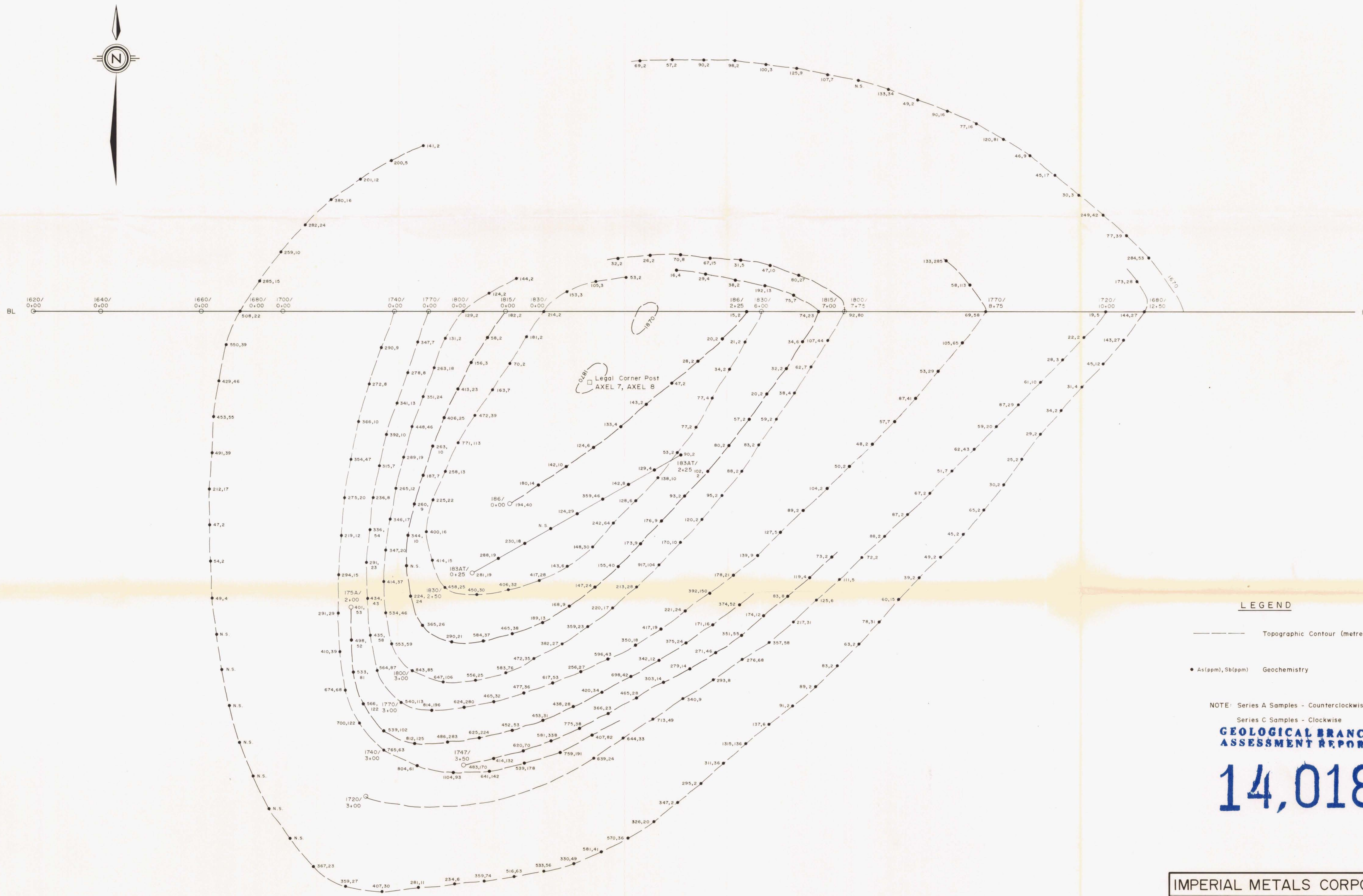
FIGURE 3 N.T.S. 93N/13W

A GRID

SOIL GEOCHEMISTRY: Au, Mo

Metres 50 0 50 100 Metres

SCALE: 1:1500	GEOLOGIST: W. MORTON
DATE: OCTOBER 1985	DRAWN BY: S. HAWORTH



LEGEND

Topographic Contour (metres)

• As(ppm), Sb(ppm) Geochemistry

NOTE: Series A Samples - Counterclockwise
Series C Samples - Clockwise

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,018

IMPERIAL METALS CORPORATION

GOLDAXE & AXEL CLAIMS - AXELGOLD J.V.

FIGURE 4 N.T.S. 93N/13W

A GRID

SOIL GEOCHEMISTRY: As, Sb

Metres 50 0 50 100 Metres

SCALE: 1:1500	GEOLOGIST: W. MORTON
DATE: OCTOBER 1985	DRAWN BY: S. HAWORTH