86-666-15226

GEOLOGY OF THE SOUTHERN AXELGOLD RANGE

PART ② OF ②

SPECIFIC CLAIMS: Axel 5 #5660 (8)

MINING DIVISION: ~~Omenica~~ Omineca

NTS: 93N/13W

LATITUDE: 55°56.5'

LONGITUDE: 125°~~67'~~ 54'

OWNER: Imperial Metals Corporation &
Equinox Resources Ltd.

OPERATOR: Imperial Metals Corporation

AUTHOR: A.B. Taylor

DATE: November 1986

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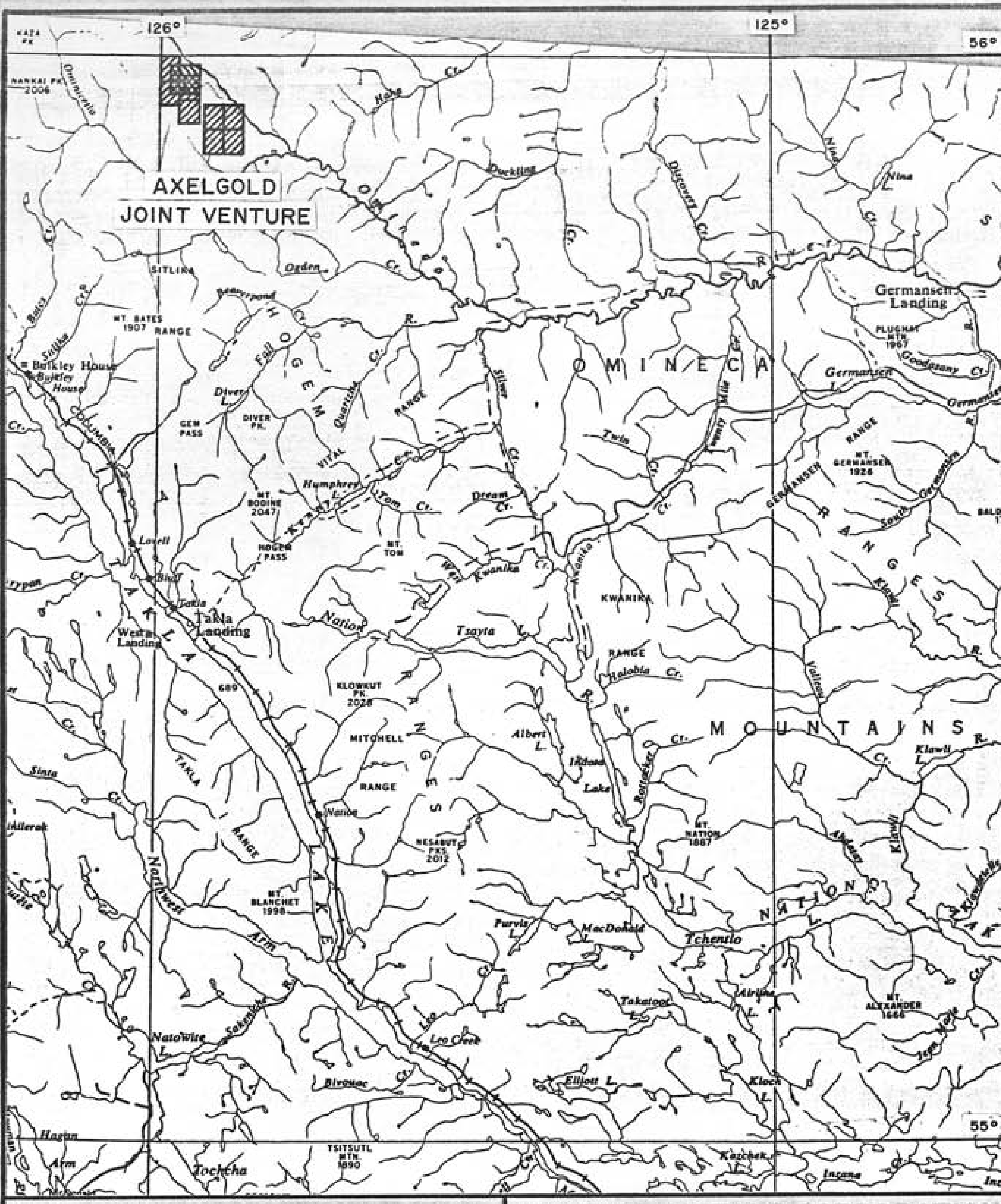
SUMMARY

The Axel 5 claim is underlain mostly by Paleozoic Cache Creek Group rocks which are caught up in a major northwesterly trending fault system in the northeastern sector of the claim. Cache Creek Group rocks consist of tectonized foliated phyllites steeply dipping to the northeast. In the fault zone large fault blocks of variably altered ultramafics occur. The property was mapped at a scale of 1:12,500.

A total of 73 soil samples were taken along with 9 rocks to test for any metalliferous anomaly. Results show small AU-AS-CR anomalies associated with ultramafic blocks within the fault zone and a more anomalous terrain in the northeast sector of the claim where carbonatization alteration and felsic dikes are present.



IMPERIAL METALS CORPORATION

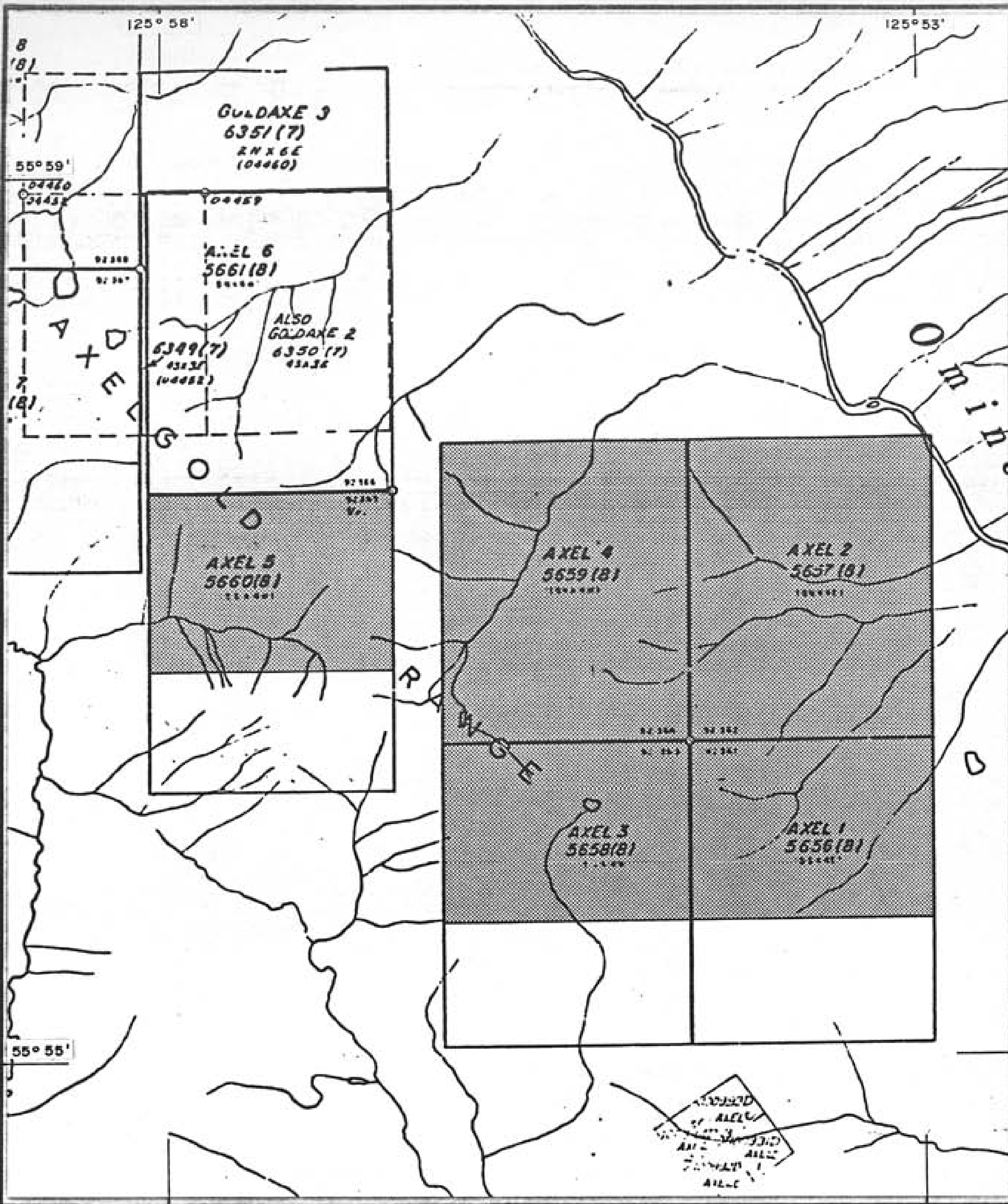
AXELGOLD JOINT VENTURE

FIGURE I — **MAP IF**

LOCATION MAP

Km 10 — 0 — 10 — 20 Km

SCALE: 1 : 600 000	*GEOLOGIST:* A. B. TAYLOR
DATE: OCTOBER 1985	*DRAWN BY:* S. HAWORTH



IMPERIAL METALS CORPORATION

AXELGOLD

FIGURE 2 N.T.S. 93N/13W

CLAIM MAP

Km 1 0 1 2 Km

SCALE: 1:50 000
DATE: NOVEMBER 1986
GEOLOGIST: A.B. TAYLOR
DRAWN BY: S. HAWORTH

General Geographic & Physiographic Position:

The Axel 5 claim is located in the southeastern portion of the Axelgold range north-central B.C. (figures 1 & 2). The area consists of mostly alpine-type vegetation with coniferous forest in the valleys. The topography is moderate to steep and elevations rise from 1,400m to 1,850m.

Access to the claim presently is only by helicopter with the nearest road occurring at Mount Ogden 12 km south.

Property Definition:

In 1984 Imperial Metals Corporation and Equinox Resources Ltd. entered into a joint venture exploration program on the Axel claims. Preliminary silt sampling of streams were carried out on Axel 5 (Page & Culbert, 1984; Morton 1985).

This program was designed to evaluate the mineral potential of the claim and geologically map it at a scale of 1:12,500.

Axel 5 claim has recently been reduced to 12 units and Imperial Metals Corporation remains the operator.

Summary of Work Completed:

A total of 73 soil samples were taken and analysed for 30 elements by ICP methods (see Appendix) along with 9 rocks. Gold was analysed for by atomic absorption techniques to obtain ppb levels. Soils were collected from the B horizon approximately 15-20 cm depth where possible and all sample stations were flagged.

Mapping at a scale of 1:12,500 was carried out over the claim group and adjacent ground. Base map was compiled from a blow-up of 93N/13 topographic sheet and involved approximately 9km^2 area.

Regional Geology:

Originally the entire Axelgold Range was mapped as the Paleozoic Cache

Creek Group consisting of variably tectonized phyllites and cherts (Armstrong, 1949). The geology was later revised (Paterson, 1974) and the Axelgold range was divided by a series of faults with a western Cache Creek Group, on which the Axel 5 claim lies, faulted against the Triassic Takla Group to the east (Tipper et al 1979).

Detailed Technical Data & Interpretation:

The purpose of the 1986 exploration program was to evaluate the Axel 5 claim for possible anomalous metals and to geologically map the claim at 1:12,500 scale.

A contour line (1,600m) taking soil samples at 25m intervals was carried out covering the variable geology within the fault system and the rocks of the Cache Creek terrain (see Figure 3). High values in Au from samples 16+00S 2+75W to 2+00W can be related to an ultramafic block which also gives high Cr and As.

Geological mapping (figure 4) shows the Axel 5 claim to be underlain by Paleozoic Cache Creek Group rocks cut by a major northwesterly trending fault system in the north part of the claim. Cache Creek-type rocks consist of grey foliated phyllites with sporadic white quartz veins and minor cherty horizons. The complex fault system contains blocks up to 300m diameter of variably altered ultramafics consisting of serpentinized harzburgite, talc-quartz carbonate with mariposite and dark to light green serpentinite soapstone bodies. Local disseminations of magnetite, chromite and pyrite are evident in some ultramafics. Cache Creek Group rocks in the fault zone are silicified and slightly carbonitized. In the extreme northeast corner of the claim brown weathering carbonatized Triassic Takla Group conglomerates occur. This conglomerate unit does not show a strong foliation but fragments are up to 8cm in depth consisting of metasediments and may be oriented parallel to bedding. Small dike-like intrusion of felsitic to porphyritic rock are peripheral components to the felsic intrusions found 3km to the northwest. A felsite dike anomalous in Au (AX5 CR, 7 R-A, 7 R-B) was found to contain a 1cm wide stibnite vein.

Overall the Axel 5 claim holds little economic potential with more anomalous geology occuring at the northeastern part of the claim group which should be followed-up along strike.

BIBLIOGRAPHY

Armstrong, J.E. 1949: Fort St. James Map-Area, British Columbia Map 907A, Geological Survey of Canada, Memoir 252.

Morton, J.W. 1985: A Geochemical Soil Survey 'A' Grid, Assessment Report submitted by Imperial Metals Corporation.

Page, J.W. and Culbert R.R. 1984: Report on a Geochemical Survey of The Axel Property, Axelgold Range, Assessment Report submitted by Beaty Geological Ltd.

Patersen, I.A. 1974: Geology of the Cache Creek Group and Mesozoic rocks in the Northern end of the Stuart Lake Belt, Central B.C, in Report of Activities, Geological Survey of Canada 74-1, Part B, p. 31-42.

COST STATEMENT

Labour

A. Taylor	August 8 & 9	2 x 165 days @ $165/day	$ 330
R. Boase	August 8 & 9	2 x 95 days @ $ 95/day	190
R. Carten	August 8 & 9	2 x 90 days @ $ 90/day	180

Room & Board

6 man days @ $40/day	240

Helicopter Costs

2 hours @ $425/hr plus fuel and oil	1,000

Assay Costs

73 soils @ $10.75	784
9 rocks @ $13.00	117

Report Preparation and Drafting	160
TOTAL	$ 3,000

CERTIFICATE

I, Alan B. Taylor, geologist, residing at #15 - 8720 Maplegrove Crescent in the Municipality of Burnaby, Province of British Columbia, hereby certify that:

1. I graduated from Brock University in 1979 with an Honours Bachelor of Science in Geology.

2. I graduated from the University of Western Ontario in 1984 with a Master of Science in Geology.

3. I have worked for various mining companies and government geological surveys since 1977.

4. I am presently a permanent staff geologist with Imperial Metals Corporation of #800 - 601 West Hastings Street, in the City of Vancouver, Province of British Columbia.

6. The work described in this report was undertaken under my direct supervision.

10 day of November, 1986

Vancouver, British Columbia

ALAN B. TAYLOR, Geologist

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 10 GRAM SAMPLE.

PE-Rocks

DATE RECEIVED: AUG 15 1986 DATE REPORT MAILED: Aug 19/86 ASSAYER.. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

IMPERIAL METALS PROJECT - 4120 FILE # 86-2053 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
AI 1600N 10+00W	1	40	17	128	.1	422	40	1147	7.96	130	5	ND	1	15	1	2	2	128	.15	.091	9	589	2.24	112	.10	3	2.10	.04	.06	1	8
AI 1600N 9+75W	1	46	12	110	.2	515	49	1077	5.91	29	5	ND	1	10	1	2	2	107	.09	.075	14	631	4.62	109	.07	12	2.00	.04	.04	1	5
AI 1600N 9+50W	2	38	10	119	.1	433	66	2377	6.69	45	5	ND	1	20	1	3	2	101	.41	.115	10	613	2.43	105	.05	6	1.78	.05	.07	1	6
AI 1600N 9+25W	1	54	8	105	.2	821	64	1306	5.51	54	5	ND	2	18	1	2	2	100	.31	.063	11	631	5.19	63	.07	14	1.96	.05	.05	1	3
AI 1600N 9+00W	1	30	8	81	.1	332	25	543	5.34	30	5	ND	1	8	1	2	2	132	.08	.049	8	549	2.81	96	.17	9	1.88	.04	.04	1	7
AI 1600N 8+75W	1	32	10	87	.1	645	50	793	4.66	31	5	ND	1	12	1	2	2	88	.14	.046	8	783	6.42	27	.10	14	2.01	.04	.04	1	4
AI 1600N 8+50W	1	43	8	80	.1	860	70	1087	5.36	31	5	ND	2	15	1	2	2	83	.16	.075	8	729	8.18	121	.06	25	1.61	.04	.04	1	7
AI 1600N 8+25W	1	39	5	67	.1	1287	88	1234	4.89	19	5	ND	1	14	1	2	5	76	.21	.046	4	1075	11.51	37	.06	40	1.88	.05	.04	1	9
AI 1600N 7+75W	1	39	11	83	.1	1183	76	1044	5.98	60	5	ND	2	10	1	2	6	74	.11	.064	10	972	10.38	68	.06	28	1.47	.05	.04	1	2
AI 1600N 7+50W	1	32	12	92	.1	991	89	1311	7.26	33	5	ND	1	7	1	2	6	91	.11	.079	9	1149	9.72	66	.07	22	1.66	.05	.04	1	2
AI 1600N 7+25W	1	33	12	99	.1	841	82	1214	6.20	20	5	ND	2	9	1	2	4	91	.16	.074	7	1092	8.20	90	.10	16	1.86	.05	.03	1	11
AI 1600N 7+00W	1	43	5	84	.2	972	68	898	4.78	16	5	ND	2	14	1	2	4	97	.32	.048	6	878	10.04	519	.18	18	1.95	.05	.12	1	10
AI 1600N 6+75W	1	45	6	68	.2	980	63	859	4.64	7	5	ND	1	16	1	2	5	102	.45	.042	8	856	9.93	597	.22	18	2.09	.05	.10	1	8
AI 1600N 6+50W	1	41	10	70	.1	1155	70	883	4.55	5	5	ND	1	9	1	2	6	82	.23	.042	6	909	11.15	258	.15	23	1.90	.05	.06	1	2
AI 1600N 6+25W	1	64	14	85	.1	942	78	1544	6.14	31	5	ND	1	6	1	2	5	167	.19	.075	8	819	8.53	40	.07	13	2.83	.05	.04	1	6
AI 1600N 6+00W	1	49	9	66	.1	1179	78	1145	5.19	33	5	ND	1	9	1	2	6	69	.15	.071	7	797	12.87	55	.06	35	1.33	.05	.05	1	13
AI 1600N 5+75W	1	59	11	81	.2	1055	70	1117	5.03	44	5	ND	1	16	1	2	3	78	.28	.066	8	706	10.44	62	.06	28	1.59	.05	.03	1	2
AI 1600N 5+50W	1	52	9	156	.3	156	21	1184	3.59	32	5	ND	1	19	1	2	2	59	.46	.220	9	160	1.33	128	.02	5	1.27	.03	.08	1	2
AI 1600N 5+25W	1	66	10	106	.3	643	48	1085	4.91	30	5	ND	1	15	1	2	4	115	.40	.067	7	752	6.08	55	.12	7	2.62	.05	.06	1	12
AI 1600N 5+00W	1	40	5	65	.1	1220	72	971	5.18	7	5	ND	1	5	1	2	5	88	.13	.075	5	946	15.07	38	.04	47	1.81	.04	.02	1	1
AI 1600N 4+75W	1	43	7	62	.1	1440	88	1057	4.51	10	5	ND	1	5	1	2	6	66	.16	.026	6	915	16.86	37	.06	56	1.54	.05	.04	1	1
AI 1600N 4+50W	1	44	14	92	.1	109	15	761	4.30	50	5	ND	1	18	1	2	2	123	.09	.078	19	160	.95	148	.05	6	1.57	.03	.11	1	6
AI 1600N 4+25W	1	52	13	74	.1	44	10	380	2.95	28	5	ND	3	37	1	2	2	141	.14	.102	26	83	.98	108	.10	5	1.56	.03	.08	1	4
AI 1600N 4+00W	1	81	20	110	.2	122	23	964	5.69	36	5	ND	5	62	1	2	2	168	.26	.170	27	198	2.53	99	.19	5	2.66	.04	.13	1	7
AI 1600N 3+75W	2	45	11	101	.1	155	16	743	4.38	27	5	ND	2	16	1	2	2	166	.10	.071	17	261	2.12	113	.15	5	2.07	.03	.06	1	3
AI 1600N 3+50W	3	45	13	105	.2	185	24	1773	4.57	25	5	ND	2	14	1	5	2	123	.10	.085	15	326	1.37	231	.04	6	1.69	.03	.09	1	6
AI 1600N 3+25W	1	24	9	48	.1	43	7	325	1.75	12	5	ND	1	21	1	2	3	80	.11	.057	12	85	.60	91	.04	4	.91	.02	.07	1	1
AI 1600N 3+00W	3	40	15	115	.2	587	59	1829	5.03	15	5	ND	1	8	1	2	3	109	.16	.102	7	828	6.11	98	.06	6	2.21	.04	.04	1	1
AI 1600N 2+75W	1	45	7	84	.1	1232	62	699	4.58	5	5	ND	1	8	1	4	7	75	.22	.057	7	1036	12.65	65	.08	28	1.75	.05	.07	1	5
AI 1600N 2+50W	1	66	5	69	.1	1348	90	1165	5.38	15	5	ND	1	5	1	3	5	112	.25	.039	4	885	10.62	34	.12	22	2.16	.05	.04	1	1
AI 1600N 2+25W	1	51	6	67	.1	1608	90	1007	5.54	5	5	ND	1	5	1	2	4	97	.17	.042	4	1055	13.60	31	.08	33	1.90	.05	.03	1	2
AI 1600N 2+00W	1	42	10	73	.1	1134	83	1093	5.34	2	5	ND	1	6	1	2	6	90	.14	.112	2	1092	10.28	54	.04	26	1.78	.05	.02	1	2
AI 1600N 1+75W	1	48	10	93	.1	480	47	1196	4.53	8	5	ND	1	8	1	3	2	132	.19	.109	2	417	3.80	83	.08	5	2.28	.04	.05	1	2
AI 1600N 1+50W	1	29	7	84	.2	247	27	1113	2.97	16	5	ND	1	13	1	2	2	87	.18	.154	4	273	2.17	113	.02	6	1.70	.03	.07	1	3
AI 1600N 1+25W	1	68	9	89	.4	519	45	839	3.52	4	5	ND	1	17	1	4	2	97	.31	.142	6	377	3.47	90	.05	5	2.11	.04	.07	1	8
AI 1600N 1+00W	1	37	9	80	.5	121	10	337	2.31	6	5	ND	1	11	1	2	2	65	.10	.103	6	193	1.65	110	.04	4	1.89	.03	.08	1	2
AI 1600N 0+75W	2	56	11	105	.5	112	7	332	2.44	3	5	ND	1	25	1	2	2	68	.27	.095	10	99	1.22	159	.06	4	1.64	.03	.09	1	2
STD C/AU 0.5	21	63	42	138	7.1	74	31	1176	3.95	39	15	8	37	52	19	16	21	73	.48	.111	38	62	.88	193	.09	34	1.72	.10	.14	14	495

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
AI 1600S 4+50W	23	155	16	341	.5	144	33	2085	5.71	9	5	ND	3	44	3	2	2	22	.31	.111	14	20	.32	280	.01	9	.91	.03	.11	1	15
AI 1600S 4+25W	20	273	24	225	.6	93	24	2618	5.73	4	5	ND	4	24	1	2	4	40	.13	.090	11	38	.66	397	.01	10	1.83	.03	.08	1	19
AI 1600S 4+00W	7	40	7	60	.4	24	4	224	2.30	2	5	ND	1	3	1	2	2	66	.01	.071	10	59	.56	123	.02	6	1.93	.02	.05	1	5
AI 1600S 3+75W	6	142	22	116	.3	51	32	4412	4.78	10	5	ND	3	5	1	2	2	42	.04	.105	9	35	1.05	194	.02	9	2.06	.03	.05	1	17
AI 1600S 3+50W	9	23	4	49	1.0	33	3	162	1.39	4	5	ND	1	5	1	2	2	29	.03	.076	12	40	.34	133	.01	6	.91	.01	.08	1	6
AI 1600S 3+25W	22	154	23	186	.6	110	32	2327	6.28	20	5	ND	4	5	1	2	3	54	.05	.156	12	114	1.05	138	.02	11	2.23	.03	.08	1	14
AI 1600S 3+00W	11	82	12	190	.3	86	16	1482	3.53	44	5	ND	3	4	1	2	2	47	.02	.132	13	99	.97	195	.01	9	1.77	.02	.10	1	20
AI 1600S 2+75W	5	69	7	88	.3	101	17	1074	5.91	765	5	ND	1	4	1	4	2	76	.03	.118	6	199	1.39	76	.03	11	1.87	.03	.05	1	450
AI 1600S 2+50W	4	73	14	89	.5	105	22	1082	7.42	1094	5	ND	1	4	1	12	2	74	.03	.116	6	180	1.25	68	.02	10	1.83	.03	.04	1	320
AI 1600S 2+25W	9	54	11	83	.4	64	13	808	4.44	567	5	ND	2	4	1	5	2	59	.02	.105	11	113	.80	116	.01	10	1.69	.02	.08	1	305
AI 1600S 2+00W	6	87	16	112	.3	107	29	1300	7.30	566	5	ND	3	4	1	2	2	58	.04	.108	8	94	.93	136	.01	8	1.86	.03	.06	1	.165
AI 1600S 1+75W	15	133	18	136	.6	57	16	1050	4.92	20	5	ND	5	5	1	2	2	41	.02	.083	16	54	.54	190	.01	9	1.68	.02	.09	1	17
AI 1600S 1+50W	10	127	14	128	.7	109	20	1132	4.80	73	5	ND	4	3	1	2	2	42	.02	.138	11	98	.88	141	.01	10	1.50	.02	.07	1	38
AI 1600S 1+25W	8	31	6	60	.5	16	4	385	1.67	6	5	ND	1	4	1	2	2	24	.01	.109	12	29	.21	187	.01	5	.85	.01	.06	1	14
AI 1600S 1+00W	15	197	23	218	.5	93	26	1430	5.51	24	5	ND	5	8	1	3	2	45	.05	.083	17	55	.85	278	.01	11	1.85	.02	.11	1	28
AI 1600S 0+75W	10	150	18	138	.4	149	34	2321	5.52	64	5	ND	3	5	1	2	2	58	.04	.128	13	167	1.53	150	.03	10	1.72	.03	.08	1	28
AI 1600S 0+50W	7	44	23	85	.3	79	20	2399	3.62	25	5	ND	1	6	1	2	2	54	.05	.094	7	97	1.19	139	.01	9	1.29	.03	.08	1	7
AI 1600S 0+25W	4	44	10	92	.1	117	19	835	4.92	32	5	ND	1	4	1	2	2	99	.03	.095	4	242	2.26	65	.03	10	2.36	.03	.03	1	12
AI 1600S 0+00W	6	131	14	167	.2	157	20	1268	4.20	41	5	ND	3	23	1	2	2	33	.22	.061	9	101	1.44	186	.01	10	1.29	.03	.05	1	19
STD C/AU-0.5	22	60	37	140	7.3	72	29	1143	3.96	36	16	7	36	50	18	15	19	70	.48	.108	37	60	.88	185	.09	40	1.72	.09	.14	14	495
AI 1600S 10+00W	7	159	25	184	.2	66	22	1956	4.98	18	5	ND	2	15	1	2	2	44	.03	.103	14	37	.70	338	.03	6	1.48	.03	.15	1	41
AI 1600S 9+75W	23	152	25	199	.4	59	13	828	5.38	8	5	ND	7	44	1	2	2	44	.02	.111	21	34	.54	388	.04	6	1.34	.04	.23	1	23
AI 1600S 9+50W	8	76	17	100	.1	69	9	428	4.73	12	5	ND	1	14	1	5	2	65	.03	.089	13	93	.75	204	.03	5	1.44	.02	.08	1	6
AI 1600S 9+25W	33	54	36	97	.7	25	6	468	3.88	2	5	ND	3	27	1	2	2	70	.03	.110	33	40	.40	502	.02	3	1.47	.02	.25	1	24
AI 1600S 9+00W	9	43	16	74	.6	26	3	136	3.69	2	5	ND	2	16	1	2	2	55	.02	.101	25	52	.41	246	.01	3	1.30	.02	.12	1	75
AI 1600S 8+75W	3	47	12	72	.4	68	7	358	2.49	5	5	ND	1	8	1	2	2	60	.03	.069	21	111	.77	315	.02	4	1.62	.02	.09	1	8
AI 1600S 8+50W	2	68	10	69	.3	33	6	382	2.59	10	5	ND	1	5	1	2	2	45	.02	.088	21	42	.38	343	.01	2	1.28	.01	.11	1	12
AI 1600S 8+25W	2	120	21	124	.2	43	28	4232	5.20	26	5	ND	1	7	1	2	2	37	.03	.158	15	36	.52	417	.02	5	1.46	.02	.13	1	40
AI 1600S 8+00W	2	41	6	55	.4	15	3	215	1.45	7	5	ND	2	5	1	2	2	30	.02	.071	18	30	.20	363	.01	2	1.41	.01	.08	1	16
AI 1600S 7+75W	6	116	15	160	.6	272	21	549	5.29	18	5	ND	1	7	1	2	2	76	.06	.043	10	341	2.86	196	.05	5	2.70	.03	.06	1	11
AI 1600S 7+50W	3	39	8	60	.3	52	4	162	1.76	6	5	ND	2	9	1	2	2	44	.03	.046	-19	89	.78	233	.03	3	1.51	.02	.10	1	15
AI 1600S 6+50W	45	422	36	363	.7	122	28	1658	7.22	32	5	ND	10	71	2	5	2	27	.04	.109	24	16	.23	506	.01	9	1.04	.04	.18	1	39
AI 1600S 6+25W	57	410	43	370	.8	108	33	1485	7.61	35	5	ND	10	89	1	5	2	29	.01	.134	32	19	.20	402	.01	4	1.04	.05	.18	1	54
AI 1600S 5+00W	14	98	28	126	.4	43	21	2758	4.03	10	5	ND	1	30	1	2	3	33	.04	.211	13	39	.46	208	.01	3	1.17	.02	.11	1	13
AI 1600S 4+75W	20	45	12	95	.6	24	5	331	2.77	2	5	ND	3	15	1	2	2	43	.02	.101	23	28	.26	313	.01	2	1.06	.01	.11	1	8
STD C/AU 0.5	19	61	42	141	7.0	72	29	1154	3.95	38	17	7	37	50	19	17	20	71	.48	.108	40	60	.88	189	.09	35	1.73	.10	.14	12	485
AI 1600N 0+50W	1	88	8	81	.6	1482	75	1893	7.00	427	5	ND	1	15	1	28	3	79	.31	.073	16	534	3.53	42	.02	8	2.02	.04	.01	2	55
AI 1600N 0+25W	1	96	11	162	.2	547	34	1564	7.72	186	5	ND	2	20	1	5	2	58	.25	.100	14	182	1.90	158	.01	7	1.29	.04	.03	1	28

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

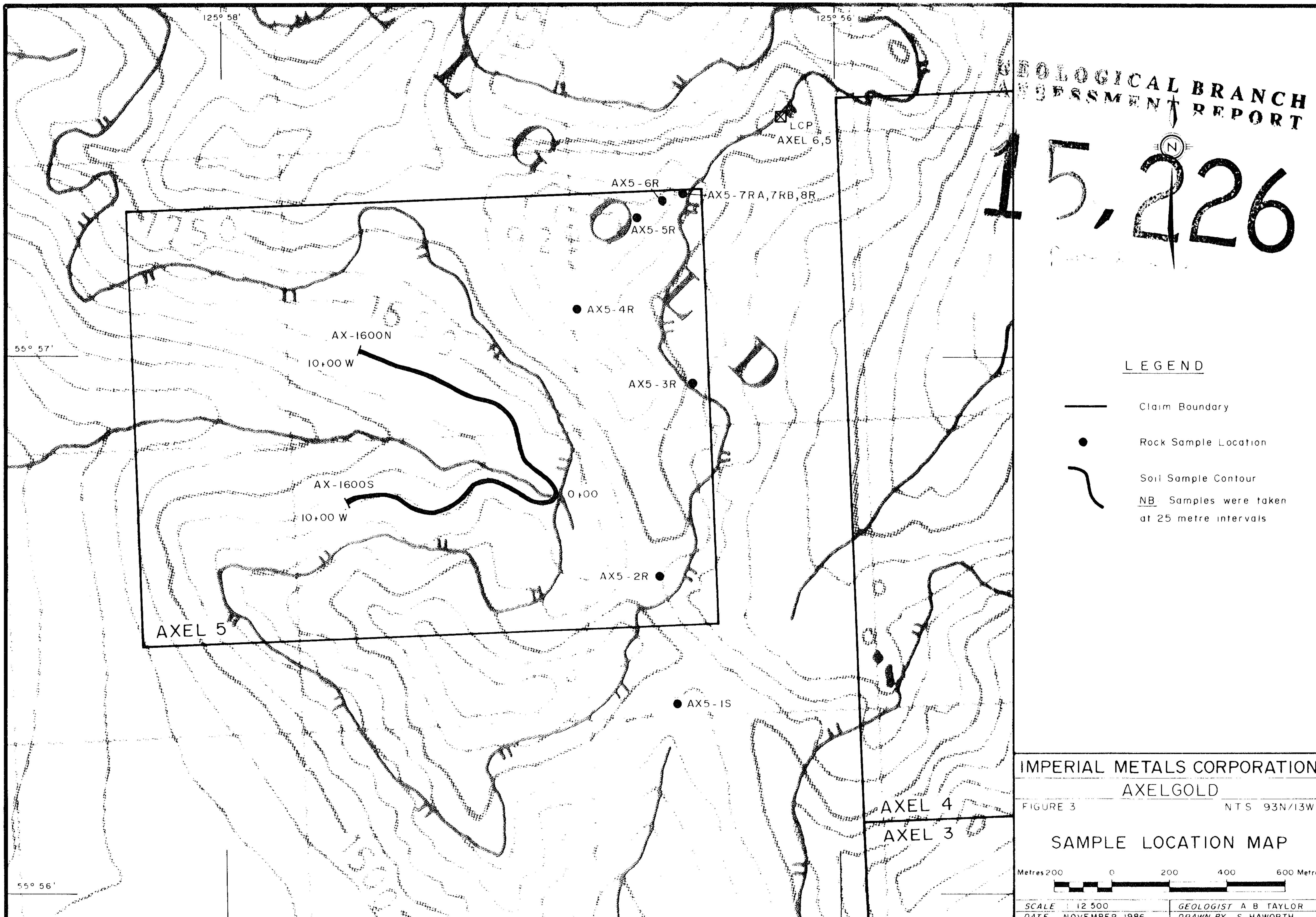
GEOCHEMICAL ICP ANALYSIS

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

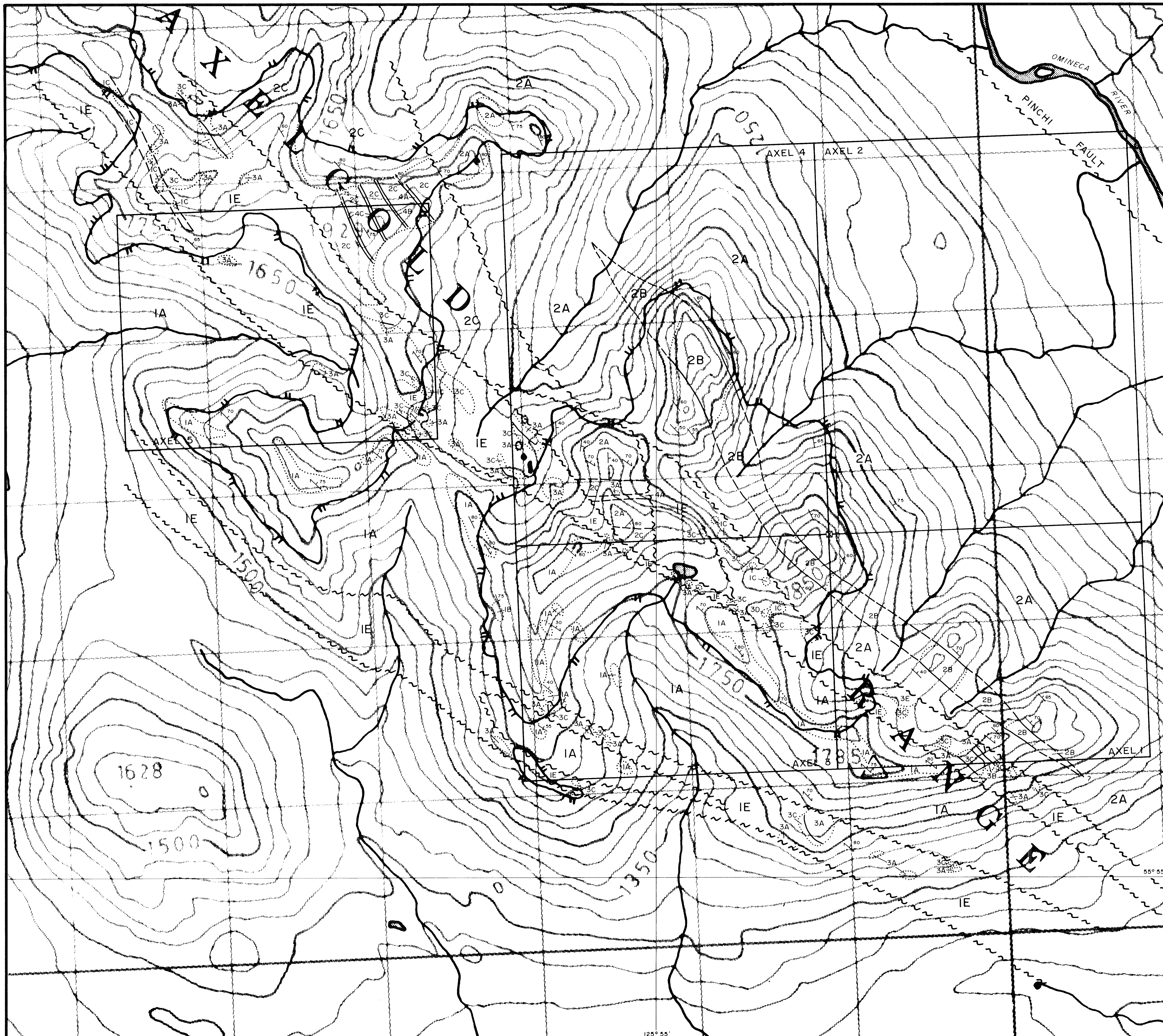
DATE RECEIVED: JULY 30 1986   DATE REPORT MAILED: Aug 1/86   ASSAYER. D.Toye...DEAN TOYE. CERTIFIED B.C. ASSAYER.

IMPERIAL METALS PROJECT - 4120   FILE # 86-1755   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
AIS-1S	7	11	40	473	.1	115	21	17807	33.85	61	12	ND	2	233	2	2	2	6	.71	.032	7	18	.20	621	.01	2	.24	.01	.03	1	1
AIS-2R	2	10	2	18	.1	218	31	478	5.10	5	5	ND	1	21	1	2	2	138	1.79	.075	2	160	10.63	1	.01	4	3.48	.01	.01	2	1
AIS-3R	1	69	27	71	.2	38	19	713	4.17	2	6	ND	10	454	1	2	2	119	4.54	.212	37	99	2.81	462	.23	5	1.26	.05	1.12	1	7
AIS-4R	2	94	12	79	.1	24	22	988	4.72	6	5	ND	11	999	1	2	2	145	5.50	.260	41	56	2.57	669	.32	3	2.05	.03	2.03	1	1
AIS-5R	1	63	8	66	.5	25	16	833	3.86	8	6	ND	12	425	1	2	2	104	5.51	.235	36	105	2.14	508	.19	2	1.48	.03	1.03	1	1
AIS-6R	4	74	33	149	1.0	52	17	1257	3.95	302	5	ND	12	77	1	22	2	24	.33	.122	29	9	.07	124	.01	7	.33	.03	.13	1	180
AIS-7R-A	2	71	27	39	.2	16	18	80	6.02	135	5	ND	10	147	1	2132	2	33	.41	.313	29	19	.03	24	.01	6	.18	.01	.18	3	120
AIS-7R-B	2	97	30	67	.4	19	22	359	5.73	143	7	ND	9	298	1	1456	2	51	1.21	.301	30	27	.40	36	.03	5	.39	.01	.32	1	160
AIS-8R	4	43	8	44	.2	100	13	382	4.11	279	5	ND	1	98	1	43	2	19	.98	.040	3	26	.07	131	.01	3	.26	.02	.11	10	20
STD C/AU-0.5	21	58	42	134	7.2	69	30	1082	3.91	40	18	7	33	48	17	16	19	62	.48	.106	37	58	.88	179	.08	37	1.72	.07	.13	15	515



125° 58'
125° 56'
55° 57'
55° 56'
LCP
AXEL 6,5
AX5-6R
AX5-7RA,7RB,8R
AX5-5R
AX5-4R
AX-1600N
10+00 W
AX5-3R
AX-1600S
10+00 W
0+00
AX5-2R
AXEL 5
AX5-1S
AXEL 4
AXEL 3
GEOLOGICAL BRANCH
ASSESSMENT REPORT
15,226
LEGEND
Claim Boundary
Rock Sample Location
Soil Sample Contour
NB Samples were taken at 25 metre intervals
IMPERIAL METALS CORPORATION
AXELGOLD
FIGURE 3
NTS 93N/13W
SAMPLE LOCATION MAP
Metres 200 0 200 400 600 Metres
SCALE 1:12 500
DATE NOVEMBER 1986
GEOLOGIST A B TAYLOR
DRAWN BY S HAWORTH



LEGEND

——— – –	Contact: Defined, Assumed
(dotted outline)	Outcrop
∿∿∿∿	Fault
(bedding symbol)	Bedding
(foliation symbol)	Foliation
(arrow symbol)	Trend of Dike

GEOLOGY

INTRUSIVES - Mesozoic or Younger

- 4A Felsite dike variably carbonatized.
- 4B Megacrystic diorite porphyry dike with trachytic texture. Feldspar crystals up to 6 cm.
- 4C Diorite dike.

INTRUSIVES - Permo-triassic ?

- 3A Talc-qtz-carbonate, orange weathering variably containing mariposite.
- 3B Harzburgite variably altered to serpentinite.
- 3C Serpentinite massive, dk black to light green.
- 3D Ribbon chert, variably folded & contorted.
- 3E Quartz eye rhyolite, white weathering.

TAKLA GROUP - Upper Triassic & Jurassic

- 2A Shales & siltstones with minor sulphide beds & minor dacitic tuff horizons.
- 2B Green fine grained dacite flows, tuffs & minor lapilli tuff.
- 2C Conglomerate containing sedimentary & volcanic fragments up to 10 cm. diameter. Variably carbonatized giving a brown weathering appearance. Minor wacke & siltstone with conglomeratic lenses.

CACHE CREEK GROUP - Upper Paleozoic

- 1A Highly foliated grey phyllites with minor argillite & black chert. Contains both cross-cutting & coplanar quartz veins.
- 1B Black argillaceous foliated shale.
- 1C Blue-grey limestone mostly laminated but massive in some areas.
- 1D Light green to dark green silicified volcanic tuffs with minor dacite flows - found mostly at northern end of Axelgold Range.
- 1E Sheared phyllite variably silicified & carbonated especially along foliation planes. Within major fault zones.

IMPERIAL METALS CORPORATION

AXELGOLD

FIGURE 4 — N.T.S. 93N/13W

GEOLOGY OF THE SOUTHERN AXELGOLD RANGE

Metres 200 0 200 400 600 800 1000 Metres

SCALE: 1:12 500	GEOLOGIST: A. B. TAYLOR
DATE: NOVEMBER 1986	DRAWN BY: S. HAWORTH