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GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORTS

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GEOCHEMICAL & GEOPHYSICAL ASSESSMENT REPORT
On the ATTY GROUP MINERAL CLAIMS

Omineca M.D.
94E/2EW

Lat.57°07'N **Long.126°44'W**

Nov.1995

For Owner/Operator
Electrum Resources Corporation

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,162

Nov.1995
Delta, B.C.

FILMED

S. Zastavnikovich,P.Geo.
S. Visser, P.Geo.

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Appendices

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GEOCHEMICAL ASSESSMENT REPORT ON THE ATTY GROUP MINERAL CLAIMS

INTRODUCTION & DESCRIPTION

The ATTY Group of mineral claims contains 63 contiguous units, consisting of the AT 1&2, ATTY 3&7 claims of 6 units each, the ATTY 4 with 12 units, ATTY 5 with 20 units, and the newest claims A1-A7 with 1 unit each, as described below. The claim group is located on Attycelly Creek on map 94E/2, in the Omineca Mining Division, some 260 kms due north of Smithers, in north-central British Columbia.

The ATTY Group claims are owned by Electrum Resources Corporation. A1-A7 one-unit claims were staked this summer, the remaining claims were all staked prior to the current year. The present status of the claims is as indicated below:

Claim	Record#	Units	Expiry Date*
AT1	241597	6	Feb.13,1998
AT2	241598	6	Feb.13,1998
ATTY3	241922	6	Apr.17,1998
ATTY4	241938	12	Apr.17,1997
ATTY5	311160	20	July 10,1998
ATTY7	330410	6	Aug.25,1998
A1-3	338121,23-24	1 each	July 17,1998
A4-7	338125-28	1 each	July 26,1998

*Upon Approval of this Report

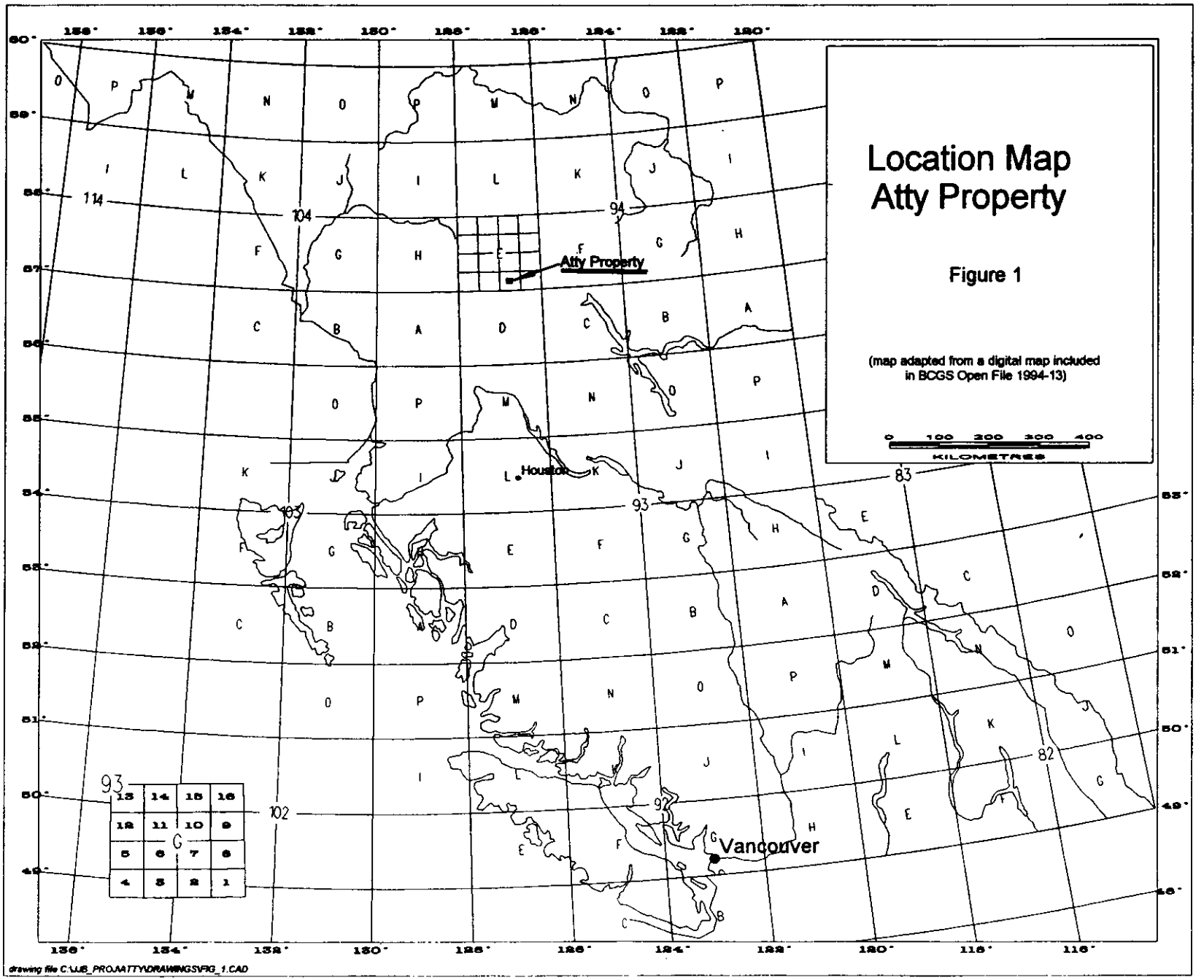
Between July 14th and 27th 1995, the writer and geologist C. Soux conducted geochemical soil and rock sampling and geophysical VLF-EM survey on the ATTY property in an attempt to trace the north to north western extension of the Wrich fault zone which crosses the property, and is associated with the known precious metals 'Awesome' showing, Minfile Number 81, Fig.3.

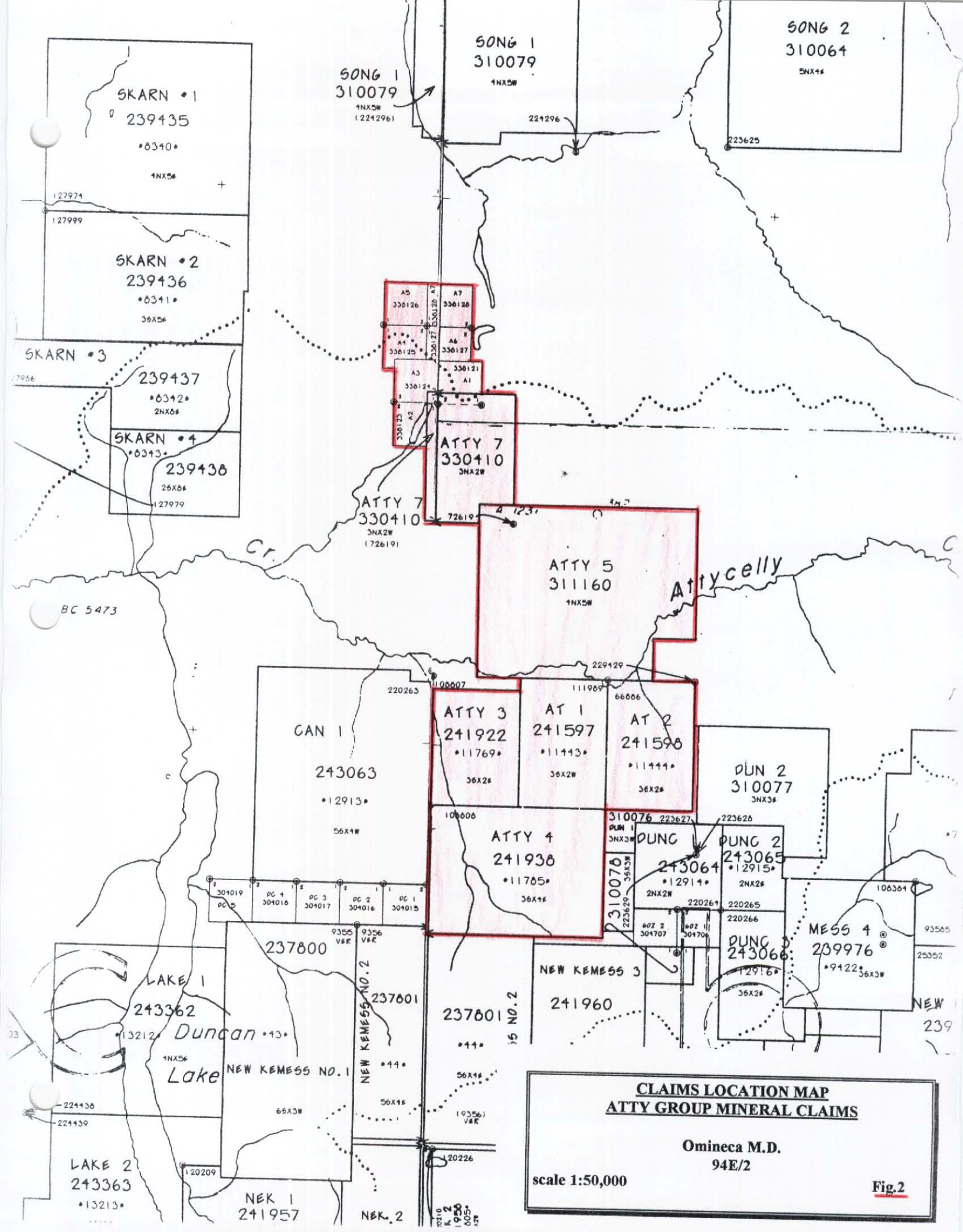
Prospecting along the sampling lines was concurrently conducted for float and bedrock samples containing sulfides, alteration, silicification as described in Appendix III. The analytical results are shown in the Appendix V and on the geochemical map, Fig.4.

Access to the claims group is by helicopter from the Omineca Mining Access Road, some 10 km due East from the Finlay River crossing.

PHYSIOGRAPHY

The ATTY Group mineral claims straddle the broad valley of the Attycelly Creek, but in the working area to the north, deep linear depressions intersect the upland at NNE and NNW angles. Rock exposures are relatively scarce due to a mantle of glacial drift of varying thickness.


Location Map
Atty Property
Figure 1
(map adapted from a digital map included in BCGS Open File 1994-13)
0 100 200 300 400
KILOMETRES
Atty Property
Houston
Vancouver
114
104
94
103
93
83
102
92
82
93
13 14 15 16
12 11 10 9
5 6 7 8
4 3 2 1
drawing file C:\UB_PROJ\ATTY\DRAWINGS\FIG_1.CAD



CLAIMS LOCATION MAP
ATTY GROUP MINERAL CLAIMS

Omineca M.D.
94E/2

scale 1:50,000

Fig.2

GEOLOGY

Based on the latest available regional maps by the BCMEMPR geologists, the ATTY Group claims area is mostly underlain by the Attycelly member of the Toodoggone Formation described in *Geology of the Early Jurassic Toodoggone Formation and Gold-Silver Deposits.....* by Daikow, Panteleyev & Schroeter, in Bull. 86, page 19:

UPPER VOLCANIC CYCLE

The upper volcanic cycle is represented by the Attycelley and Saunders members, which are restricted to a broad area south of the Toodoggone River. The Attycelley Member is mainly interlayered pyroclastic and epiclastic rocks that are generally in sharp contact with overlying, thick, homogeneous dacitic ash-flow tuffs of the Saunders member.

Volcanic sequences of the upper cycle in the southwest-central map area, rest unconformably on basement rocks of the Takla Group uplifted adjacent to the Black Lake stock. The contact between the Attycelley and Saunders members is gradational with little change in bulk rock composition.

Attycelley Member (Unit 5)

The Attycelley Member is a heterogeneous mixture of green, grey and mauve lapilli-ash tuff, subordinate lapilli-block tuff, a few interspersed ash flows and lava flows, and interbedded epiclastic rocks and rare lenses of limestone. The volcanic rocks are similar in texture and mineral constituents to pyroclastic rocks of the Adoogacho Member. Rocks of the Attycelley Member are only distinguishable from Adoogacho Member by stratigraphic position relative to distinctive bounding strata of the overlying Saunders Member and the underlying Metsantan Member. The diverse texture of volcanic rocks and the complex internal stratigraphic relationships of the Attycelley Member are documented through detailed mapping in the vicinity of Shas gold-silver deposit at Jock Creek (see "Jock Creek volcanics" in Marsden, 1990).

The Attycelley Member is widespread south of the Toodoggone River, but is absent to the north. In the type area, where it is dissected by Attycelley Creek, the succession has an estimated minimum thickness of 500 metres. The lower contact is arbitrarily placed at the base of well-layered epiclastic and pyroclastic rocks overlying the Adoogacho Member south of Attycelley Creek (Plate 6A). The Attycelley member unconformably overlies the Upper Triassic Takla Group northeast of Drybrough Peak. The upper contact is inferred by a change in the general resistance of outcrops from recessive, generally crumbly and platy weathering rocks in the Attycelley Member to resistant, blocky weathering cliffs in the Saunders Member. Between the Finlay and Toodoggone rivers, fault-bound blocks underlain by the Attycelley Member are commonly juxtaposed with rocks of the Metsantan Member. Several recessive weathering exposures of tuffs from the Attycelley Member crop out along the road about 1.5 kilometres west of Tiger Notch Pass.

The Attycelley Member is predominately unwelded, lapilli-ash tuff which contains reddish brown porphyritic feldspar lapilli (Plate 6B). In places, partly welded tuffs are more resistant and have variably flattened chloritic fragments which define an incipient

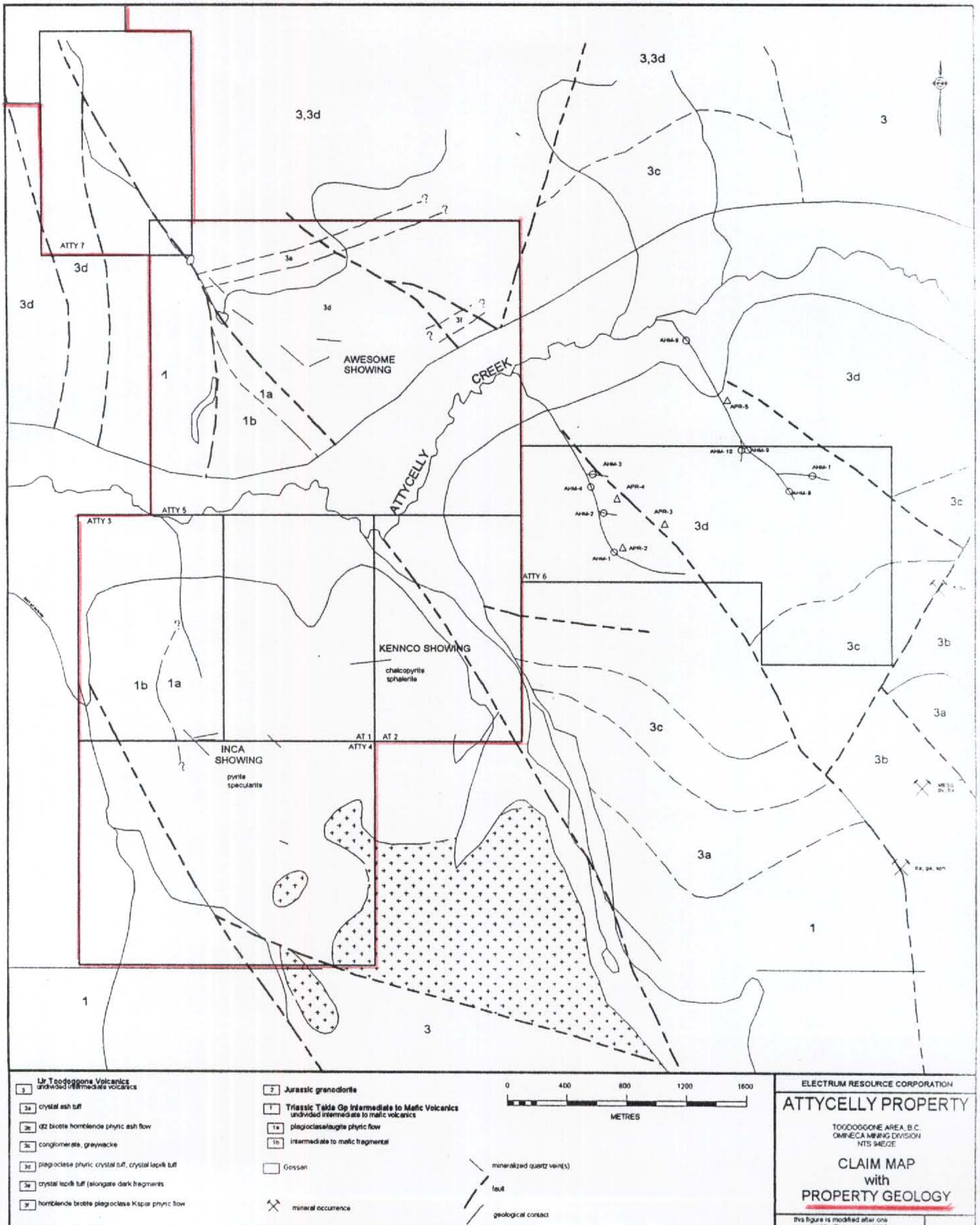

3,3d
3,3d
3
3c
ATTY 7
3d
3d
3a
3d
3f
AWESOME
SHOWING
CREEK
1
1a
1b
ATTYCELLY
3d
3c
ATTY 5
ATTY 3
ATTY 6
3d
KENNCO SHOWING
chalcopyrite
sphalerite
1b
1a
3c
3b
3c
3a
AT 1
AT 2
ATTY 4
INCA
SHOWING
pyrite
specularite
3b
3a
1
1
3
IJr Toodoggone Volcanics
undivided intermediate volcanics
3a crystal ash tuff
3b qtz biotite hornblende phyric ash flow
3c conglomerate, greywacke
3d plagioclase phyric crystal tuff, crystal lapilli tuff
3e crystal lapilli tuff (elongate dark fragments
3f hornblende biotite plagioclase Kspar phyric flow
2 Jurassic granodiorite
1 Triassic Takla Gp Intermediate to Mafic Volcanics
undivided intermediate to mafic volcanics
1a plagioclase/augite phyric flow
1b intermediate to mafic fragmental
Gossan
mineral occurrence
mineralized quartz vein(s)
fault
geological contact
0
400
800
1200
1600
METRES
ELECTRUM RESOURCE CORPORATION
ATTYCELLY PROPERTY
TOODOGGONE AREA, B.C.
OMINECA MINING DIVISION
NTS 94E/2E
CLAIM MAP
with
PROPERTY GEOLOGY
this figure is modified after one
prepared by Staargaard, 1992

Fig. 3

to moderate compaction foliation (Plate 6C). Lapilli-block tuff is locally important as interbeds within lapilli-ash tuffs and tuffites east of Black Lake airstrip, and at the north end of the ridge east of Saunders Creek. The tuffs generally weather with phenocrysts and fragments protruding from a recessive matrix. Layered tuff sections contain either a mixture of lithic and crystal fragments or parallel layers of sorted and graded pyroclasts. Rare planar crossbeds and graded ash, in intervals less than 25 centimetres thick, may represent surge deposits.....

GEOCHEMISTRY

A geochemical reconnaissance-scale soil sampling survey was conducted by the writer during the second half of July, 1995 over the ATTY Group mineral claims, while geologist C. Soux took geophysical VLF-EM readings along the same lines, as described in the Geophysical Report by S. Visser in Appendix I. Prospecting and sampling of available outcrop and float rock samples was conducted concurrently with the soil sampling and the geophysical survey along the chain and compass lines.

A total of 55 B-horizon soil samples were collected with a mattock at average 10cm. depth, at 100m. intervals on four sampling lines approximately 500m. apart on Atty 7 and A1-4 and A6 claims, located to intersect the trace of the Wrich fault system and its north-westerly extension, Fig.4, in pocket. Fourteen outcrop and float rock samples were also collected and analyzed, as well as the -80 mesh fraction soils, for fire-geochemical gold and 31 trace-elements ICP, mercury and total barium at Min-En Laboratories in Vancouver, using standard geochemical methods described in Appendix IV. Gold, silver, arsenic, barium, antimony, copper, lead and zinc values are directly inscribed on the 1:10,000 scale sample location map, Fig.4, in pocket, while complete analytical results are presented in
Appendix V.

Rock Samples Geochemistry

As described in Rock Sample Notes by geologist C. Soux, Appendix III, and plotted on the 1:10:000 scale sample locations map, Fig.4, in pocket, bedrock samples where available, and float rocks were collected mostly along the survey lines based on the presence of identified sulfides, alteration, rusty fracturing with secondary Fe, Mn oxides, silicification, etc., all of which are considered as possibly positive indicators of anomalous trace elements values related to precious metals mineralization.

The highest gold values of 110 ppb and 207 ppb Au are present in consecutive float samples A2-05F and A2-06F respectively, described in Appendix III as quartz-breccia with some Fe-OH and Mn-oxides, and located along the west shore of the largest lake in the steep north-northeasterly trending fault zone present at the western edge of ATTY 7 claim, Fig.4, in pocket. The anomalous gold values are associated with highly anomalous silver and cadmium values of 28.6 ppm Ag and 6.5 ppm Cd, plus anomalous barium,

chromium, copper, manganese, lead, and strontium of 354 ppm Ba,and 1920 ppm total Ba, 114 ppm Cr, 73 ppm Cu, 2292 ppm Mn, 102 ppm Pb, 44 ppm Sr, and weakly anomalous moly, antimony and tungsten, with 3 ppm Mo, 3 ppm Sb and 6 ppm W present. Based on the high manganese values, most of the trace elements are probably hydromorphically present in the Fe, Mn-oxides.

It is significant that the highly anomalous silver and cadmium trace elements values are associated with anomalous gold values in strongly silicified rocks, instead of being associated with strongly anomalous base metals, as is usually the case. Since the two gold-anomalous float samples are very similar to the neighbouring outcrop sample of quartz-carbonate breccia A2-04R, which is also strongly anomalous in trace elements silver, chromium, manganese, strontium, with 7.4 ppm Ag, 129 ppm Cr, 1627 ppm Mn, and 48 ppm Sr, it is likely that the two float rocks anomalous in gold are indicative of a local strongly silicified zone enriched in precious metals.

The remaining gold values in rock samples are an order of magnitude lower, ranging only to 13 ppb Au, indicating instead that elsewhere on the sampled portions of the property variously anomalous trace elements silver, barium, copper, moly, lead, antimony, strontium, tungsten, zinc and mercury may be helpful in searching for the precious metals mineralization.

The three float samples A3-02,3,4F located along L-A3-1 between stations 0750E and 0800E probably represent the northwestern trace of the Wrich fault zone, since they are described as highly argillized, silicified andesite, fault breccia cemented with limonite and barite, and limonitic, silicified breccias, Appendix III, and are strongly anomalous in barium, lead and mercury as well as iron, with up to 3171 ppm Ba, 10,000 ppm Ba total, 182 ppm Pb, 185 ppb Hg, and over 15% Fe, Appendix V.

Soils Geochemistry

The strong association of gold and silver values described above for the rock samples breaks down for the B-horizon soils samples on the ATTY claims, as shown on the 1:10,000 scale geochemical map, Fig.4, in pocket, and in the analytical results, Appendix V. In general, the few anomalous gold values are located downslope due to detrital dispersion, or on the ridgetops, most likely as result of minor concentration of weathering silicified zones.

Thus the highest gold value obtained in the soils is located near the north end of L-A3-1, at bottom of the hill, in sample 0900E, with 87 ppb Au, which is just downslope from the weak mercury /antimony anomaly of 85 ppb Hg, 2 ppm Sb at station 0800E, and downslope from station 0700E, where strong silicification is indicated by negatively anomalous major trace elements and a silver/barium/strontium anomaly of 1.2 ppm Ag, 285 ppm Ba, 66 ppm Sr, Fig.4 and Appendix V.

The above described trace elements anomaly is enhanced by additionally anomalous 0750E site of anomalous silver/barium/sodium/strontium, with .5 ppm Ag, 250 ppm Ba, 1650 ppm Ba tot., 0.05% Na, 261 ppm Sr, present in the area of the expected NNW extension

of the Wrich fault zone across the deep NNE structure which contains several narrow lakes, as shown on Fig.4.

The second case of weakly anomalous gold values at ridgetops is present on line L-A7-3, at stations 0600W and 0700W, with 15 ppb and 16ppb Au, associated with moderately anomalous moly values of 5ppm and 3ppm Mo respectively. This anomaly is open to the east and might extend westerly to station 0800W on L-A7-1 where, in addition to 3 ppm Mo, weakly anomalous silver, antimony and tungsten are present as .7 ppm Ag, 3 ppm Sb, 3 ppm W, Fig.4 and Appendix V.

Because of the just described seeming association of moly and gold values in soils, of additional importance may be the weakly anomalous moly values at stations 1400-1600W on line L-A7-1, with 3-4 ppm Mo, which can be traced westerly to line L-A7-2 at 1300-1400W, with up to 4 ppm Mo plus weakly anomalous .5 ppm Ag, 118 ppm Ba, 52 ppm Cu, 4 ppm Sr, 103 ppm Zn, 70 ppm Hg, and 12 ppb Au.

Based on similarly anomalous trace elements geochemistry in the two nearby gold-bearing rock float samples A2-05,06F described earlier, it is possible that a zone of silicified epithermal precious metals mineralization exists below this soil anomaly at depth.

CONCLUSIONS

1. The reconnaissance scale soil sampling survey on the ATTY7 mineral claim has identified a silicified zone of anomalous trace elements at station 0700E on line L-A3-1, and an associated down slope gold anomaly of 87 ppb Au, which are believed to indicate the NNW extension of the Wrich fault zone accross the deep NNE lakes-filled structure crossing the property.

2. A second gold anomaly of 15,16 ppb Au in soils at stations 0600W and 0700W on line L-A7-3 is associated with weakly anomalous moly values, believed to indicate ridgetop weathering accumulation of weakly gold-bearing silicified horizons.

3. A weak trace elements anomaly in silver, copper, moly, tin, zinc and mercury at stations 1300W and 1400W on line L-A7-2 is relatively coincident with the downslope silver and gold-bearing rock float samples A2-05,06F, which contain up to 207 ppb Au, and together are believed to indicate a zone of siliceous epithermal precious metals mineralization at depth.

RECOMMENDATIONS

1. Closer spaced lines and sampling intervals are required to define the extent of the two soil anomalies generated during the reconnaissance on the ATTY7 mineral claim.

2. Prospecting away from the sampling lines is required to trace the source of the silver and gold-bearing float rocks near line L-A7-2.

3. Closer spaced VLF-EM readings are required in follow up geophysical surveys as per the Geophysical Report by S. Visser, Appendix I, for detection of near surface anomalies.

REFERENCES CITED

Diakow, L.J., Panteleyev, A., and Schroeter, T.G., BCMEMPR Bulletin 86, 1993: Geology of the Early Jurassic Toodoggone Formation and Gold-Silver Deposits in the Toodoggone River Map Area, Northern British Columbia, p. 19

CERTIFICATE

I, Sam Zastavnikovich, do hereby certify that:

1. *I am a consulting geochemist with offices at 5063-56th Street, Delta, B.C., V4K 3C3, and am a 1969 graduate of the University of Alberta, with B. Ed. degree in Physical Sciences.*

2. *I have been continuously employed from 1969 to 1982, and seasonally since 1966, by Falconbridge Ltd. of Toronto and Vancouver as field geochemist working in Canada, U.S.A., the Carribean and S. America.*

3. *Since 1982 to present I have continuously practiced as a consulting geochemist in the mineral exploration industry.*

4. *I am a Fellow of the Association of Exploration Geochemists.*

5. *I am a member in good standing of the the Association of Professional Engineers and Geoscientists of British Columbia, Canada.*

6. *I have no direct nor indirect interest in the subject properties or the client company.*

7. *This report is based on my own fieldwork, supervision and observations on the property.*

S. Zastavnikovich, P.Geo.
Consulting Geochemist

APPENDIX II

Statement of Expenditures

ATTY Group Mineral Claims

Fieldwork (July 15-19,26, 1995)		
S. Zastavnikovich, geochemist, 5 days @ $350/d		1750.00
C. Soux, geologist, 5 days @ $300/d		1500.00
Food and Lodging, 2 men, 5 days @ $85/d		425.00
Transport, 4 x 4 truck, 5 days @ $50/d		250.00
Helicopter, 2.1 hr @ $680/h + fuel, GST		1838.15
Field Supplies		70.00
Radio Rental		50.00
VLF-EM16 Rental		190.00
Analysis:		
55 soil samples, prep @ $1.25		68.75
14 rock samples, prep @ $4.25		59.50
69 analysis for ICP & fire Au @ $14.50		1000.50
69 analysis for Ba tot, Hg @ $16.00		1104.00
GST on Analysis		156.29
Assessment Report:		
Transport, parking		40.00
Map draughting, reproduction		292.60
Geophysical		400.00
Report writing		875.00
	Total Expenditure	$10,069.79

APPENDIX III

ROCK SAMPLE NOTES - ATTY Group Mineral Claims

Sample #	Description (R-outcrop; F-float)
A7-01F	-Medium grained, light grey dacite with dissem. pyrite, partly altered to Fe-OH.
A7-02R	-Outcrop of pinkish med. grained rhyodacite?, contains K-feldspar and conspicuous quartz globules.
A7-03R	-Gossan zone, pyritic andesite showing argillic and limonitic alteration. No silicification observed in the shear zone, creek (fault) @ 300°.
A7-07F	-Volcanic breccia with abundant calcite and some quartz, limonite and epidote.
A7-08R	-Outcrop of similar rock to above float sample A7-07F, with veinlets of pyrite.
A3-01R	-Outcrop of medium grained dacite with disseminated pyrite, with malachite stain.
A3-02F	-Yellowish-white, highly argillized, silicified andesite? + limonite.
A3-03F	-Breccia (fault?), cemented with limonite, barite.
A3-04F	-Limonitic silicified breccia, barite?
A2-04R	-Quartz-carbonate breccia, Toodoggone volcanics clasts.
A2-05F	-Quartz-breccia & some Fe-OH, Mn-oxides.
A2-06F	-Same as above sample A2-05F.
A2-07R	-Calcite veins + some silica, contains some limonite.
A2-08R	-Outcrop of quarts veins 0.5-1 cm wide, in Toodogone volcanics.

APPENDIX IV

Analytical Procedures

PHONE: (604) 980-5814 or 988-4524 TELEX: 04-352828

APPENDIX IV.

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

FIRE GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Fire Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 15.00 or 30.00 grams are fire assay preconcentrated.

After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 1 ppb.

APPENDIX IV.

Analytical Procedure - The samples were analyzed by Min-En Laboratories Ltd. of 705 West 15th St., N.Vanc, as follows:

The stream sediments were oven-dried in their original water-resistant kraft paper bags at 95°C and screened to obtain the minus 80 mesh fraction for analysis. The rock samples were crushed and pulverized in a ceramic-plated pulverizer.

A suitable weight og 5.0 or 10.0 grams is pretreated with HNO_3 and $HClO_4$ mixture.

After pretreatment the samples are digested with Aqua Regia solution, then taken up with 25% HCl to suitable volume and aliquot used for the 26 element ICP trace element analysis.

From the major remaining portion of the sample, Gold is preconcentrated by standard fire assay methods, then extracted with Methyl Iso-Butyl Ketone and analyzed by Atomic Absorption.

For Mercury analysis, 1 gram of sieved material is sintered at 90°c for 4 hours, then digested in HNO_3 and HCl acids mixture, and analyzed by the Hatch and Ott flameless AA method.

APPENDIX V

Analytical Results

COMP: ELECTRUM RESOURCES
PROJ: ATTY
ATTN: John Barakso

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0307-SJ1+2+3
DATE: 95/08/25
* soil * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB	Hg PPB
L-A3-1 0000E	.1	1.77	1	138	1.2	6	.17	.1	10	6	24	3.28	1	.09	20	.60	460	1	.01	11	1440	35	1	3	1	1	.01	1	49.8	1	69	8	5
L-A3-1 0100E	.1	2.29	1	146	1.3	9	.75	.1	13	21	43	3.55	1	.06	25	.93	855	2	.01	22	990	41	3	3	27	1	.03	1	87.1	2	131	28	10
L-A3-1 0200E	.5	2.40	1	84	1.5	6	.40	.1	11	18	46	3.70	1	.05	27	.86	684	1	.01	19	800	46	2	3	1	1	.04	1	88.9	1	149	8	30
L-A3-1 0300E	.5	1.64	1	101	1.1	9	.57	.1	11	21	30	3.63	2	.06	14	.58	357	1	.01	17	550	40	1	3	7	1	.07	1	81.3	1	66	6	10
L-A3-1 0400E	.4	1.92	1	108	1.3	10	.55	.1	13	23	40	3.91	2	.06	19	.79	541	2	.01	19	440	46	1	3	1	1	.06	1	98.4	2	77	3	5
L-A3-1 0500E	.1	1.35	1	80	1.2	7	.93	.1	10	13	24	3.28	1	.07	20	.56	658	1	.01	12	790	51	1	2	27	1	.02	1	69.7	1	68	7	10
L-A3-1 0600E	.1	1.97	1	207	1.4	7	.75	.1	11	3	27	4.20	1	.09	31	.72	1731	1	.02	15	1640	51	1	3	37	1	.01	1	119.3	1	99	2	20
L-A3-1 0700E	1.2	1.14	1	285	.9	4	.19	.1	3	2	14	2.43	1	.10	2	.09	50	1	.02	4	1500	35	1	2	66	1	.01	1	49.6	1	31	1	20
L-A3-1 0750E	.5	2.26	1	250	1.3	8	.71	.1	7	7	24	4.28	1	.10	6	.57	264	1	.05	14	1310	46	1	3	261	1	.01	1	72.8	1	64	1	15
L-A3-1 0800E	.3	1.39	1	173	1.3	6	1.38	.1	13	7	33	3.04	1	.08	18	.87	962	1	.01	11	900	43	2	3	39	1	.01	1	58.4	1	92	27	85
L-A3-1 0900E	.5	1.37	1	173	1.2	8	1.27	.1	13	7	31	3.24	1	.08	19	.88	1007	1	.01	17	1050	42	1	3	32	1	.01	1	64.6	1	91	87	50
L-A3-1 0950E	.1	1.49	1	198	1.7	5	1.39	.1	18	2	34	3.18	1	.09	23	.73	1569	1	.01	18	1000	39	1	3	47	1	.01	1	50.3	1	215	10	60
L-A3-1 1000E	.1	1.43	1	192	1.4	6	1.36	.1	14	3	35	3.15	1	.09	20	.81	1337	1	.01	16	890	41	1	3	36	1	.01	1	49.2	1	110	33	80
L-A7-1 0100W	.1	1.68	1	81	.8	6	.18	.1	6	8	11	2.09	1	.05	16	.45	346	1	.01	11	670	22	1	2	1	1	.03	1	44.5	1	45	14	15
L-A7-1 0200W	.3	2.15	1	99	1.2	7	.40	.1	9	17	20	2.43	1	.04	17	.75	386	1	.01	18	600	25	3	2	1	1	.04	1	60.4	1	62	2	45
L-A7-1 0250W	.4	.97	1	73	.6	4	.21	.1	5	7	8	1.94	2	.04	5	.30	150	1	.01	8	310	26	1	1	1	1	.03	1	53.3	1	34	4	10
L-A7-1 0300W	.1	1.48	1	66	.9	5	.19	.1	6	9	9	2.56	1	.04	12	.42	348	1	.01	10	660	25	1	1	1	1	.03	1	57.2	1	53	1	20
L-A7-1 0400W	.1	.89	1	99	.7	4	.22	.1	6	10	9	2.37	2	.06	4	.30	286	1	.01	6	510	29	1	1	1	1	.04	1	67.8	1	48	1	10
L-A7-1 0500W	.1	1.25	1	148	.8	4	.46	.1	7	12	14	2.28	1	.06	14	.39	322	1	.01	11	550	25	1	2	1	1	.02	1	61.8	1	52	4	15
L-A7-1 0600W	.3	1.18	1	120	1.0	5	.67	.1	7	13	10	2.97	1	.09	12	.48	286	1	.01	11	590	35	1	2	1	1	.03	1	64.3	1	48	1	25
L-A7-1 0700W	.1	1.29	1	71	.6	2	.25	.1	6	17	12	1.54	1	.03	13	.49	226	1	.01	11	390	14	1	1	1	1	.03	1	47.0	1	47	2	40
L-A7-1 0800W	.7	2.42	1	80	1.4	14	.60	.1	11	25	21	4.08	2	.04	13	.76	425	3	.01	19	710	40	3	2	1	1	.10	1	100.4	3	75	8	45
L-A7-1 0900W	.7	1.92	1	87	1.3	7	.16	.1	8	18	13	3.61	1	.03	21	.48	273	1	.01	13	660	38	1	2	1	1	.03	1	82.0	2	57	4	65
L-A7-1 1000W	.2	1.62	1	85	1.1	7	.18	.1	8	16	14	3.46	2	.04	13	.45	350	1	.01	13	1240	39	1	2	1	1	.04	1	83.7	1	62	2	40
L-A7-1 1100W	.1	1.09	1	112	.9	1	.39	.1	5	1	7	1.50	1	.10	21	.52	987	1	.01	10	980	19	1	1	1	1	.01	1	14.8	1	53	2	40
L-A7-1 1200W	.1	1.44	1	261	1.0	2	1.44	.1	7	6	17	1.90	1	.15	22	.72	530	1	.01	14	1280	20	1	2	76	1	.01	1	42.0	1	62	2	45
L-A7-1 1300W	.1	2.96	1	43	2.5	13	.51	.1	24	24	44	6.80	1	.07	44	1.68	1355	1	.01	29	590	74	1	7	1	1	.12	1	214.7	3	193	6	60
L-A7-1 1400W	.1	1.95	1	84	1.2	8	.65	.1	11	19	32	3.47	1	.04	26	.83	393	4	.02	20	140	35	1	3	1	1	.05	1	92.8	1	66	4	45
L-A7-1 1500W	.2	1.11	1	65	.8	6	.50	.1	7	8	18	2.46	1	.04	8	.36	227	3	.01	10	360	33	1	2	6	1	.05	1	67.9	1	42	1	60
L-A7-1 1600W	.1	1.21	1	135	.9	5	.53	.1	8	10	20	2.37	1	.05	19	.45	352	3	.02	12	550	26	1	2	22	1	.04	1	64.1	1	83	4	40
L-A7-1 1700W	.1	2.20	1	113	1.2	11	.51	.1	10	17	30	3.37	1	.06	19	.71	377	1	.02	17	830	30	1	3	12	1	.07	1	83.8	1	77	7	60
L-A7-1 1800W	.2	1.81	1	117	1.2	9	.57	.1	11	17	30	3.40	1	.05	15	.59	327	1	.01	16	950	32	1	2	13	1	.06	1	83.0	1	71	6	55
L-A7-2 0300W	.1	1.12	1	64	.7	3	.22	.1	4	5	7	1.95	1	.05	14	.26	240	1	.01	9	570	32	1	1	1	1	.03	1	43.0	1	80	7	65
L-A7-2 0400W	.1	.96	1	62	.7	4	.22	.1	6	9	14	1.99	1	.05	8	.47	275	1	.01	11	760	22	1	1	1	1	.02	1	49.4	1	56	9	55
L-A7-2 0500W	.1	.80	1	96	.4	1	.38	.1	3	7	15	.82	1	.04	2	.18	143	1	.01	5	780	8	1	1	18	1	.01	1	25.0	1	34	2	60
L-A7-2 0600W	.5	1.57	1	74	1.1	6	.20	.1	8	15	13	3.17	1	.03	13	.40	280	1	.01	12	520	34	1	2	1	1	.04	1	84.7	1	63	2	35
L-A7-2 0700W	3.1	.81	1	130	1.3	5	.08	.1	5	1	13	4.72	1	.24	5	.62	238	1	.04	13	1330	151	1	3	1	1	.01	1	74.6	1	48	17	25
L-A7-2 0750W	.1	1.60	1	119	2.6	13	.40	.1	20	4	42	9.62	1	.10	15	.96	941	1	.03	30	2130	113	1	8	1	1	.04	1	150.4	1	67	9	40
L-A7-2 0800W	.1	1.35	1	80	1.2	2	.58	.1	10	1	9	2.47	1	.13	24	.96	1131	1	.01	11	1180	26	1	2	1	1	.01	1	32.4	1	81	2	35
L-A7-2 0900W	.1	1.29	1	76	.9	3	.36	.1	6	1	4	2.13	1	.09	13	.49	945	1	.01	10	1470	21	1	1	1	1	.03	1	33.4	1	89	3	50
L-A7-2 1000W	.1	1.03	1	162	1.0	1	1.27	.1	7	6	19	1.83	1	.12	20	.61	436	1	.01	10	1000	23	1	1	28	1	.01	1	37.2	1	67	2	55
L-A7-2 1100W	.1	1.80	1	167	1.2	2	1.61	.1	10	21	82	2.52	1	.08	35	.90	542	1	.02	17	830	28	1	3	48	1	.02	1	67.0	1	84	42	65
L-A7-2 1200W	.1	2.29	1	181	1.4	4	.48	.1	14	9	46	2.63	1	.05	24	.71	915	1	.01	16	900	21	2	2	1	1	.02	1	63.7	1	104	5	65
L-A7-2 1300W	.3	1.99	1	84	1.4	5	.36	.1	12	19	38	3.44	1	.05	20	.79	510	4	.01	21	440	36	1	3	1	1	.03	1	93.3	1	103	3	50
L-A7-2 1400W	.5	2.10	1	118	1.4	7	.45	.1	13	19	52	3.98	1	.08	30	.69	414	4	.02	21	550	43	1	4	1	1	.05	1	116.9	1	97	12	70
L-A7-2 1500W	.1	1.35	1	83	1.0	4	.56	.1	7	13	30	2.79	1	.06	17	.44	250	1	.02	13	480	30	1	3	7	1	.05	1	79.8	1	76	1	30
L-A7-3 0200W	.1	1.07	1	75	.7	1	.40	.1	5	9	12	1.68	1	.04	14	.48	191	1	.01	11	650	18	1	1	1	1	.01	1	33.9	1	48	6	30
L-A7-3 0300W	.1	1.58	1	86	1.4	4	.25	.1	12	15	53	3.31	1	.06	20	.67	619	4	.01	18	1100	48	1	3	1	1	.01	1	52.8	1	94	11	40
L-A7-3 0400W	.1	1.19	1	94	.9	4	.73	.1	10	12	35	2.22	1	.07	16	.73	699	1	.01	13	930	28	1	3	13	1	.01	1	44.8	1	76	1	30
L-A7-3 0500W	.1	1.00	1	104	1.0	5	.60	.1	9	11	26	2.63	1	.03	8	.54	679	2	.01	15	1090	36	1	2	10	1	.02	1	54.1	1	58	9	35
L-A7-3 0600W	.1	1.44	1	79	1.1	6	.15	.1	9	21	21	3.28	1	.04	14	.70	426	5	.01	18	890	42	1	3	1	1	.01	1	74.2	1	75	15	30
L-A7-3 0700W	.1	1.87	1	91	1.2	6	.34	.1	10	16	20	3.68	1	.03	23	.64	623	3	.01	18	970	46	1	2	1	1	.01	1	71.5	1	93	16	40
L-A7-3 0800W	.1	1.78	1	81	1.1	7	.21	.1	8	15	12	2.94	1	.03	19	.63	303	1	.01	16	350	27	2	2	1	1	.03	1	61.1	1	55	3	30
L-A7-3 0900W	.2	1.42	1	196	1.0	3	2.03	.1	7	17	53	1.77	1	.06	21	.59	425	1	.01	14	710	19	1	2	43	1	.02	1	36.2	1	56	5	120
L-A7-3 1000W	.4	1.84	1	99	1.1	9	.34	.1	11	23	23	3.45	1	.04	13	.61	277	1	.01	18	270	35	1	2	1	1	.08	1	82.3	1	65	4	30

COMP: ELECTRUM RESOURCES
PROJ: ATTY
ATTN: John Barakso

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0307-RJ1
DATE: 95/08/25
• rock • (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB	Hg PPB
A3-01-R	.7	2.87	1	26	1.6	13	1.76	.1	36	40	91	5.15	1	.16	35	2.56	844	1	.08	28	590	33	1	6	1	1	.14	1	136.3	1	78	5	10
A3-02-F	.1	.15	1	1190	.1	1	.04	.1	1	69	9	.52	1	.02	1	.02	25	1	.01	3	120	8	1	1	20	1	.01	1	4.0	3	5	1	50
A3-03-F	.1	.83	1	317	4.0	20	.09	.1	18	3	67	>15.00	1	.10	1	.06	1	1	.01	43	1380	182	1	19	1	1	.01	1	41.4	1	102	3	5
A3-04-F	.1	.11	1	2116	.2	1	.11	.1	2	70	9	.80	1	.01	1	.01	51	1	.01	5	70	7	1	1	62	1	.01	1	2.2	3	7	4	185
A2-04-R	7.4	.24	1	114	.4	2	5.86	.1	3	129	28	.95	1	.06	2	.24	1627	1	.01	8	170	33	4	1	48	1	.01	1	10.0	6	31	9	55
A2-05-F	1.9	.22	1	140	.3	4	6.74	.1	3	64	73	1.24	1	.08	1	.17	2292	1	.01	9	390	36	3	1	44	1	.01	1	18.9	4	30	110	5
A2-06-F	28.6	.17	1	354	.4	2	.61	6.5	4	114	27	1.35	1	.06	1	.04	2053	3	.01	9	180	102	1	1	1	1	.01	1	11.3	6	60	207	30
A2-07-R	.1	.08	1	91	.1	12	>15.00	.1	2	4	2	.81	1	.03	1	.06	3958	1	.01	11	180	34	6	1	863	1	.01	1	9.6	3	8	3	5
A2-08-R	.1	.49	1	60	.6	4	.53	.1	5	101	5	1.31	1	.11	5	.43	743	2	.01	7	440	12	1	1	1	1	.01	1	22.2	6	42	4	5
A7-01-F	1.1	1.70	1	187	1.6	19	1.01	.1	18	43	14	5.16	1	.08	17	2.27	965	1	.05	16	930	49	1	4	3	1	.20	1	188.1	4	97	6	5
A7-02-R	2.7	1.09	1	72	1.1	8	.87	.1	7	39	7	2.95	2	.13	16	.93	568	2	.03	11	730	59	1	2	1	1	.05	1	45.7	3	57	12	15
A7-03-R	3.0	1.16	1	80	1.2	10	.88	.1	7	32	8	3.19	2	.14	16	.97	597	2	.03	14	750	69	1	2	1	1	.06	1	49.5	2	60	10	10
A7-07-F	.2	.73	1	1336	.5	5	5.43	.1	6	75	4	1.58	1	.08	8	.61	1174	1	.01	13	360	28	1	1	66	1	.01	1	22.0	4	53	8	5
A7-08-R	1.2	2.96	1	68	2.0	13	5.13	.1	31	81	23	5.29	1	.05	26	3.79	1239	1	.01	44	480	32	1	6	19	1	.12	1	133.1	3	68	13	15

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TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0307-SG1

Company: **ELECTRUM RESOURCES**
Project: ATTY
Attn: John Barakso

Date: AUG-25-95

We hereby certify the following Geochemical Analysis of 24 SOIL samples submitted AUG-02-95 by S. Zasavnikovich.

Sample Number	Total Ba PPM
L-A3-1 0000E	843
L-A3-1 0100E	1020
L-A3-1 0200E	998
L-A3-1 0300E	1180
L-A3-1 0400E	1350
L-A3-1 0500E	1350
L-A3-1 0600E	1210
L-A3-1 0700E	1300
L-A3-1 0750E	1650
L-A3-1 0800E	1330
L-A3-1 0900E	1330
L-A3-1 0950E	1260
L-A3-1 1000E	1320
L-A7-1 0100W	1170
L-A7-1 0200W	1170
L-A7-1 0250W	1180
L-A7-1 0300W	1050
L-A7-1 0400W	1122
L-A7-1 0500W	983
L-A7-1 0600W	906
L-A7-1 0700W	903
L-A7-1 0800W	1060
L-A7-1 0900W	961
L-A7-1 1000W	1073

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3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0307-SG2

Company: **ELECTRUM RESOURCES** Date: AUG-25-95
Project: ATTY
Attn: John Barakso

We hereby certify the following Geochemical Analysis of 24 SOIL samples submitted AUG-02-95 by S. Zasavnikovich.

Sample Number	Total Ba PPM
L-A7-1 1100W	1290
L-A7-1 1200W	1510
L-A7-1 1300W	1160
L-A7-1 1400W	1270
L-A7-1 1500W	1390
L-A7-1 1600W	1630
L-A7-1 1700W	1620
L-A7-1 1800W	1600
L-A7-2 0300W	1180
L-A7-2 0400W	1150
L-A7-2 0500W	1040
L-A7-2 0600W	976
L-A7-2 0700W	1500
L-A7-2 0750W	1480
L-A7-2 0800W	855
L-A7-2 0900W	825
L-A7-2 1000W	1410
L-A7-2 1100W	1300
L-A7-2 1200W	1430
L-A7-2 1300W	1160
L-A7-2 1400W	1210
L-A7-2 1500W	1340
L-A7-3 0200W	1170
L-A7-3 0300W	929

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VANCOUVER, B.C. CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0307-SG3

Company: **ELECTRUM RESOURCES** Date: AUG-25-95
Project: ATTY
Attn: John Barakso

We hereby certify the following Geochemical Analysis of SOIL samples submitted AUG-02-95 by S. Zasavnikovich.

Sample Number	Total Ba PPM
L-A7-3 0400W	1070
L-A7-3 0500W	1100
L-A7-3 0600W	889
L-A7-3 0700W	814
L-A7-3 0800W	900
L-A7-3 0900W	935
L-A7-3 1000W	908

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8282 SHERBROOKE STREET
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TELEPHONE (604) 327-3436
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3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0307-RG1

Company: **ELECTRUM RESOURCES**
Project: ATTY
Attn: John Barakso

Date: AUG-25-95

We hereby certify the following Geochemical Analysis of 14 ROCK samples submitted AUG-02-95 by S. Zasavnikovich.

Sample Number	TOTAL-BA PPM
A3-01-R	315
A3-02-F	3110
A3-03-F	8503
A3-04-F	>10000
A2-04-R	591
A2-05-F	1920
A2-06-F	861
A2-07-R	305
A2-08-R	1610
A7-01-F	1860
A7-02-R	1850
A7-03-R	1870
A7-07-F	3560
A7-08-R	119

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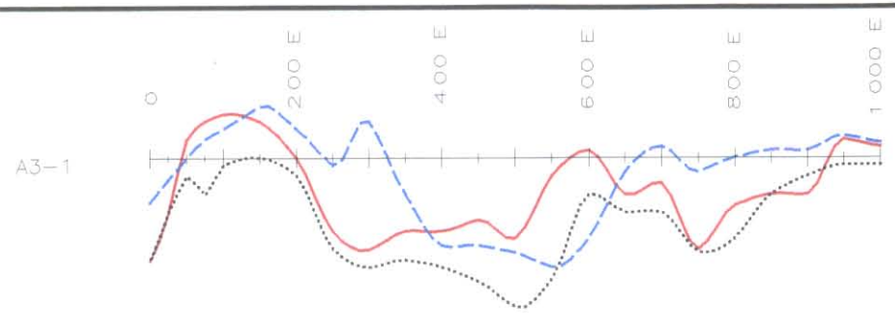
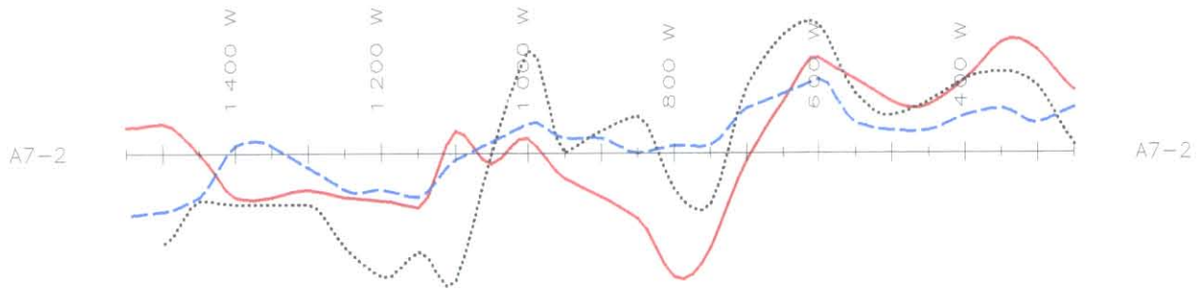
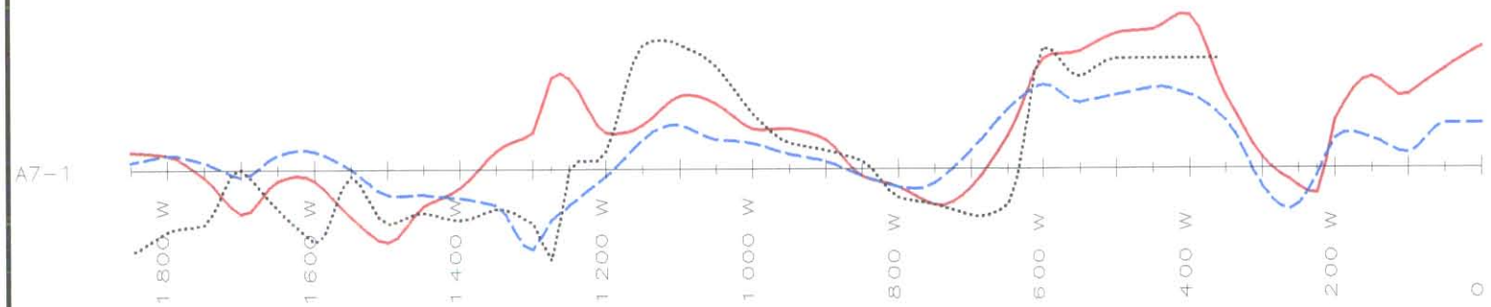
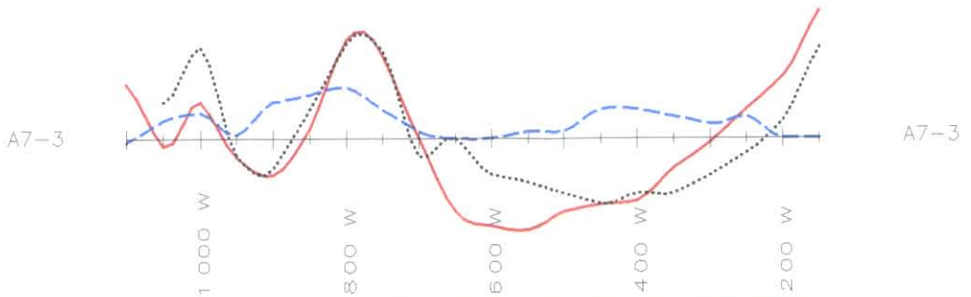




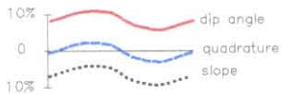




LEGEND

INSTRUMENTATION: Geonics EM-16 VLF-EM
Data aquisition by: ELECTRUM RESOURCES CORPORATION
Plotted by: S.J.V. CONSULTANTS LTD.

PROFILES ARE POSITIVE UP AND TO LEFT



ELECTRUM RESOURCE CORPORATION

ATTY CLAIMS

TOODOGGONE AREA

OMINECA M.D., B.C. NTS 94E/2E,W

VLF-EM PROFILES

JIM CREEK, NLK 24.8 kHz

NOVEMBER 1995 PLATE G1A

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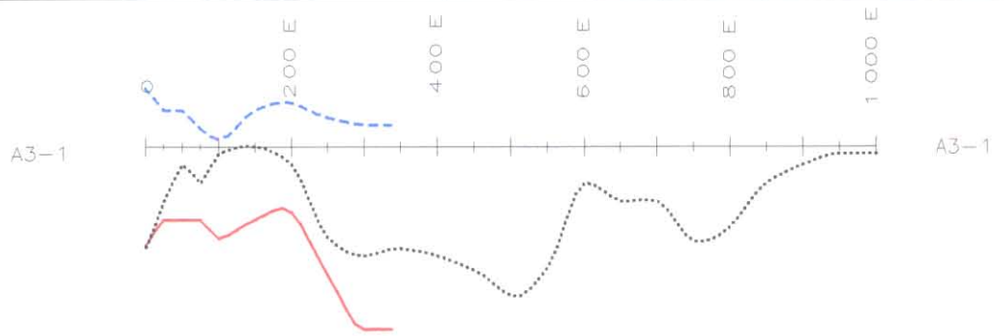
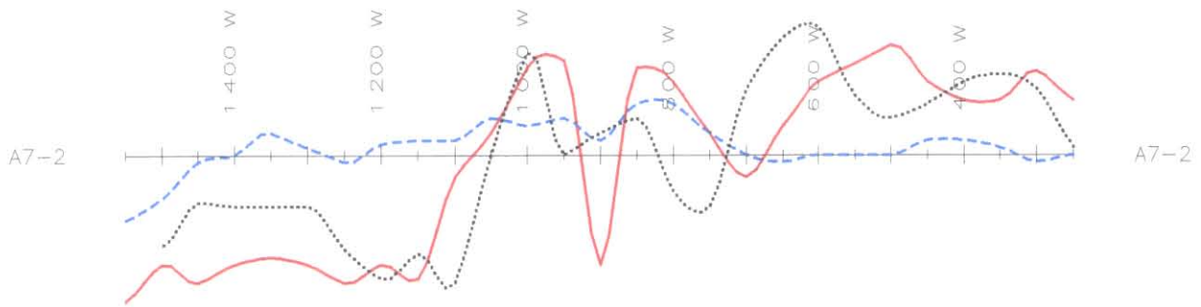
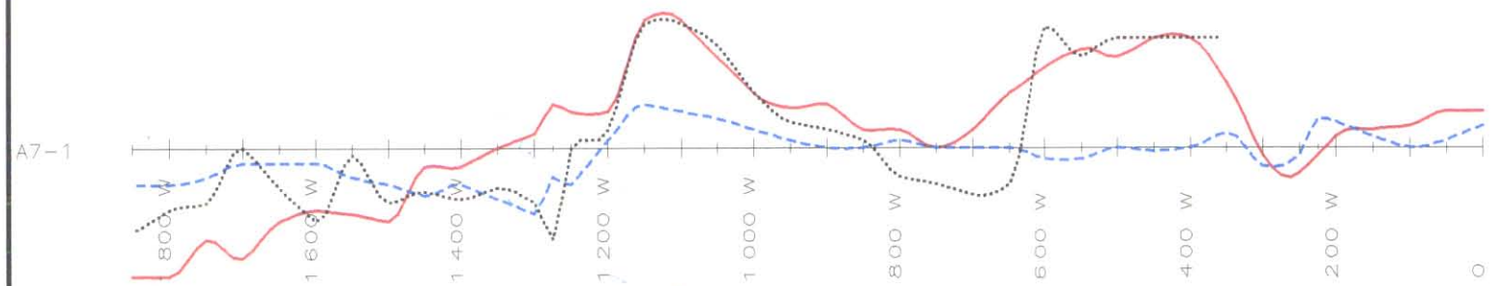
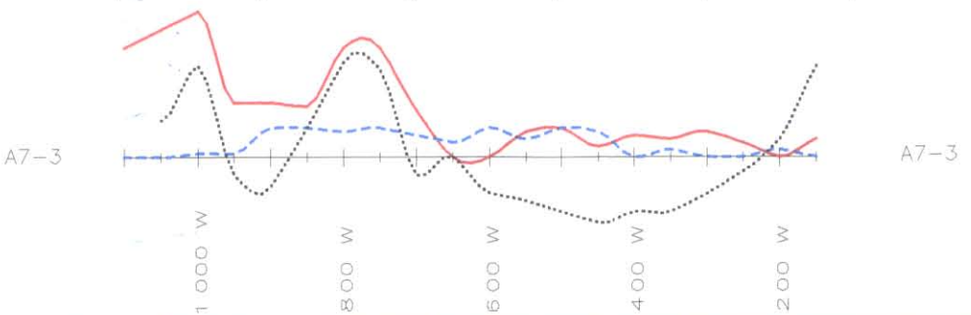




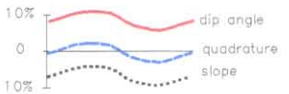




LEGEND

INSTRUMENTATION: Geonics EM-16 VLF-EM
Data aquisition by: ELECTRUM RESOURCES CORPORATION
Plotted by: S.J.V. CONSULTANTS LTD.

PROFILES ARE POSITIVE UP AND TO LEFT



ELECTRUM RESOURCE CORPORATION

ATTY CLAIMS

TOODOGGONE AREA

OMINECA M.D., B.C. NTS 94E/2E,W

VLF-EM PROFILES

HAWAII, NPM 23.4 kHz

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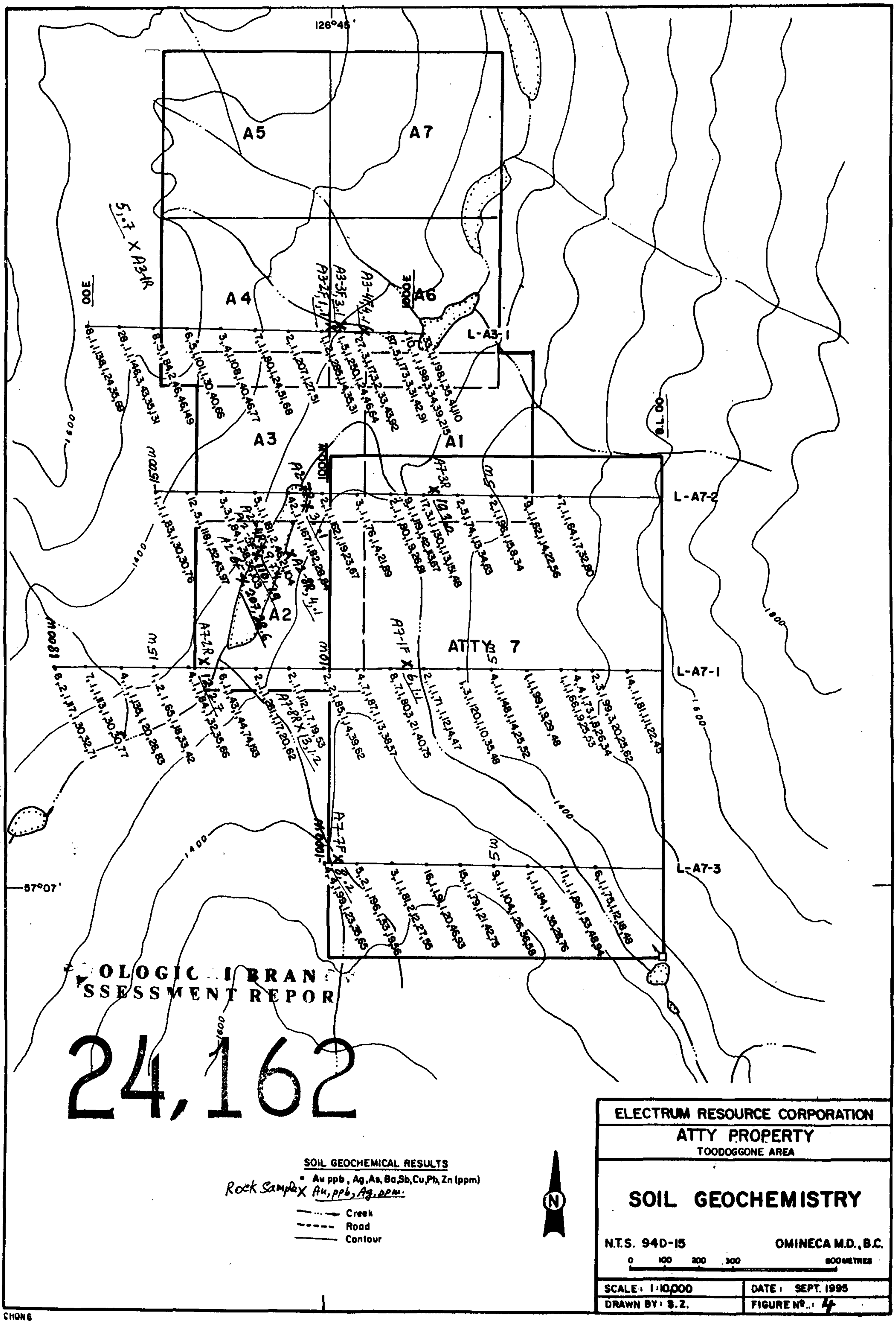

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