

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 89.03.14

ASSESSMENT REPORT 17517

MINING DIVISION: Atlin

PROPERTY: Lis
LOCATION: LAT 58 43 00 LONG 133 08 00
UTM 08 6509799 608119
NTS 104K11E

CLAIM(S): Lis 2
OPERATOR(S): Georgia Res.
AUTHOR(S): Lambert, E.
REPORT YEAR: 1988, 14 Pages

COMMODITIES

SEARCHED FOR: Copper, Gold, Lead, Zinc, Silver

GEOLOGICAL

SUMMARY: The property is underlain by Upper Triassic mudstones and siltstones of the King Salmon Formation, and diorite-monzonite intrusive rocks. Bedding typically strikes 120-135 degrees and dips 40-45 degrees southwest. Sheeted dykes of carbonate-altered syenodiorite intrude both the sedimentary and igneous rocks. Sulphide-bearing quartz-carbonate veins fill fractures trending east-west. Pyrite, arsenopyrite, sphalerite and lesser galena, stibnite, pyrrhotite and chalcopyrite occur in patches and lenses.

WORK

DONE: Geochemical
SOIL 61 sample(s) ;ME
Map(s) - 3; Scale(s) - 1:10 000
MINFILE: 104K 090

LOG NO: 0620

RD.

ACTION:

FILE NO.

GEOCHEMICAL REPORT

on the

LIS 2 MINERAL CLAIM

ATLIN MINING DIVISION, B.C.

NTS 104K/11E

LATITUDE 58°40'N, LONGITUDE 133°08'W

For

GEORGIA RESOURCES, INC.

Vancouver, B.C.

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

17,517

Ellen Lambert, M.Sc., FGAC, Geologist

May 30, 1988

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Geochemistry Results

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INTRODUCTION

A geochemical soil sampling program was conducted on behalf of Georgia Resources, Inc. in August, 1987, on the LIS 2 mineral claim. The property is located in northwestern British Columbia near the B.C. - Alaska border, approximately 60 kilometres east of Juneau (Figure 1) at latitude 58°40'N and longitude 133°08'W. The claim is situated just north of the south fork of King Salmon Creek, a tributary of Taku River. Access to the area can be obtained by a 15-minute plane or helicopter ride from Atlin, B.C.

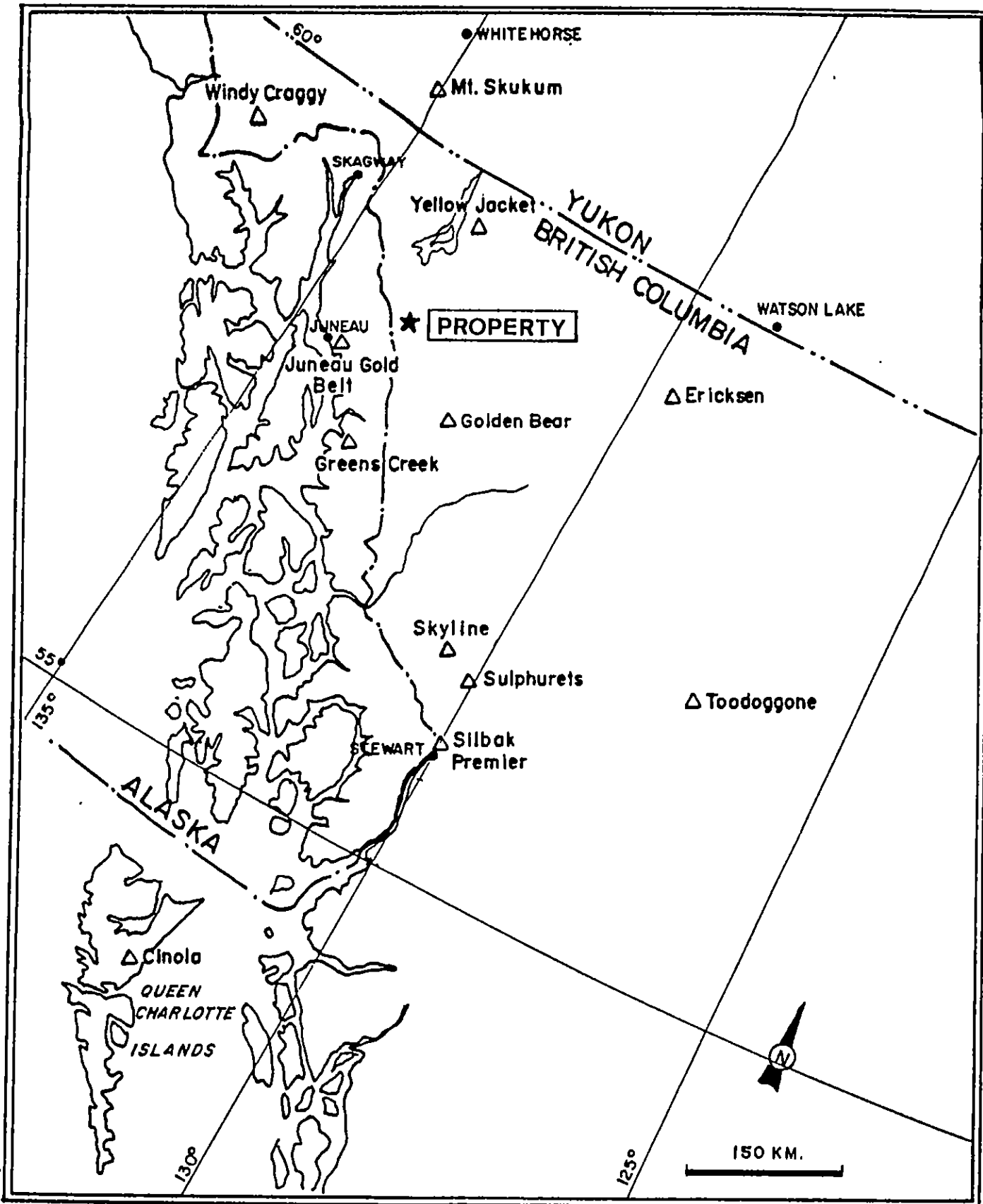
The property is comprised of one mineral claim owned by Georgia Resources, Inc. (Figure 2):

<u>Claim</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
LIS 2	20	2818	March 25, 1991

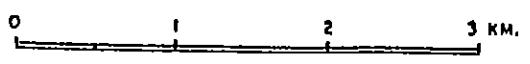
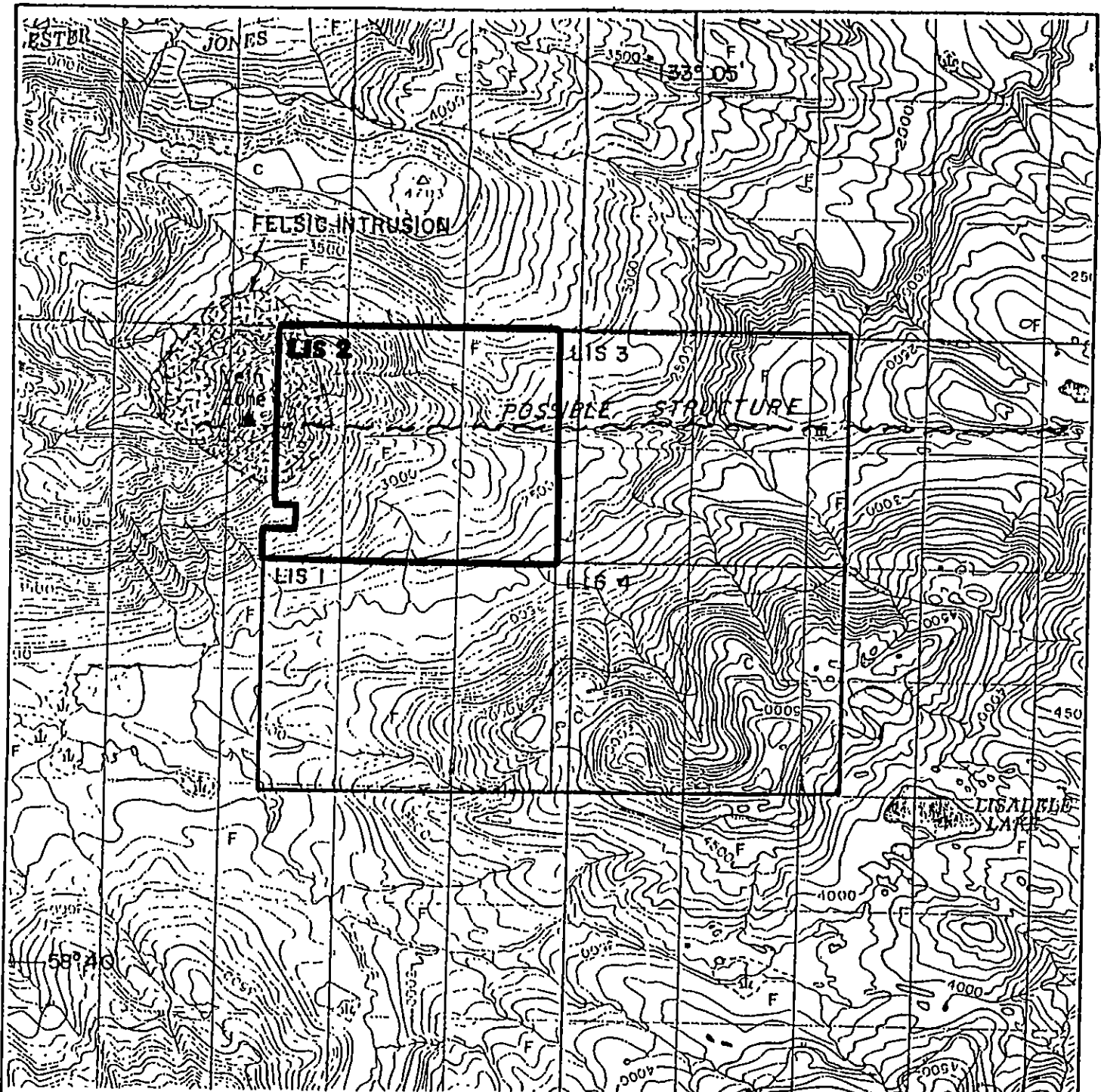
GEOLOGY

The area about the LIS 2 claim is underlain by upper Triassic volcanic rocks of the Stuhini Group that were subsequently overlain and intruded by lower Cretaceous to early Tertiary Sloko Group volcanics and felsic intrusives (Souther, 1971). Major northeasterly-trending faults in the region generally crosscut northwesterly-trending faults.

Several massive sulphide deposits occurring in rhyolite are present in the region and include the Big Bull, Erickson Ashby, Polaris Taku and Tulsequah Chief Mines. The principal commodities at these mines are silver, gold, lead and zinc, with local copper and antimony.



GEORGIA RESOURCES INC. VANCOUVER, B.C.	
LOCATION MAP	
TULSEQUAH, TAKU RIVER, B.C.	
APRIL 1988	FIG. 1



GEORGIA RESOURCES INC.
VANCOUVER, B.C.

**LIS 2
PROPERTY**

TULSEQUAH, TAKU RIVER, B.C.

SCALE 1: 50,000

APRIL 1988

FIG 2

The property is primarily underlain by mudstones and siltstones of the upper Triassic King Salmon formation that are cut by a diorite-monzonite intrusion. Bedding attitudes strike 120-135° and dip 40-45° southwesterly. Carbonate-altered syenodiorite, intruding both sedimentary and igneous rocks, occurs as sheeted dikes up to 3 metres across. These dikes follow east-west fracture trends.

Mineralization occurs as sulphide-bearing quartz-carbonate veins filling fractures that vary in width from 5 centimetres to 1 metre. Pyrite, arsenopyrite, sphalerite and lesser amounts of galena, stibnite, pyrrhotite and chalcopyrite occur in patches and lenses up to a few tens of metres in length. Previous work included geochemical soil and stream sampling over covered regions near strongly fractured, sulphide-bearing zones (Payne, 1980).

FIELDWORK

On August 12, 1987, the property was visited by Seamus Young (Donegal Developments Ltd., Vancouver) and Chris Graf (Active Minerals Ltd., Vancouver). 61 soil samples were collected by two soil samplers (contracted from Gordon Clark & Associates, Whitehorse) at 50-metre intervals along two north-south grid lines established by hip chain and compass. The lines are approximately 800 metres apart, both beginning near the south boundary of the claim (Figure 3).

Samples were collected from the B horizon at depths ranging from 10 to 30 centimetres and geochemically analyzed by Acme Analytical Laboratories Ltd. of Vancouver, B.C. Samples were analyzed for 30 elements using standard ICP analysis techniques, and the results are plotted in Figures 4 and 5.

The purpose of the current program was to extend the area of sampling carried out by Stokes Exploration Management in 1980, in order to determine if mineralization occurs beyond anomalous zones defined by that survey.

RESULTS

Highly anomalous values of gold, silver, copper, lead, zinc, arsenic and antimony occur on the east soil line. Anomalous lead, zinc and arsenic occur on the west line.

Gold values range to 465 ppb on the east line, with a clustering of anomalous values occurring in the middle of the line, and another at the southern end. Scattered moderate anomalies to 95 ppb Au occur on the west line. Only one significant silver value occurs on the east line, assaying 19.2 ppm Ag, while sporadic values to 6.2 ppm occur on both lines.

Anomalous zinc values are numerous on both the east and west lines, commonly ranging between 200 and 500 ppm. Five samples returned values over 1,000 ppm, the highest value being 2,119 ppm. The most significant clustering of anomalous values occurs on the southern half of both lines.

Elevated copper and lead values are present on both lines. Copper typically has values between 150 and 300 ppm, with two samples assaying over 900 ppm. Lead values vary widely, ranging from 26 to 1,330 ppm. A clustering of anomalous copper and lead samples occurs on the southern half of the east line.

Arsenic values are very high over both grid lines with assays commonly over 1,000 ppm. The highest values are over 9,000 ppm. Anomalous antimony values are numerous on the east line with assays ranging to 215 ppm.

RECOMMENDATIONS

Results of the geochemical survey outlined in this report gave encouraging results in gold, zinc, copper and lead from the eastern soil line, and the western line has anomalous zinc values. Further exploration work in the form of detailed prospecting and fill-in geochemical soil sampling should be carried out in these regions, followed by trenching and drilling where favourable targets are outlined.

REFERENCES

Payne, J.G., 1980, Joly-Jak Property, Geology Report; BCDM Assessment Report #9048.

Souther, J.G., 1971, Geology and Mineral Deposits of Tulsequah Map Area, British Columbia; GSC Memoir 362.

STATEMENT OF COSTS

August 12, 1987

1.	Field Personnel		\$ 1,400.00
	Chris Graf		
	1 day @ \$300/day	\$ 300.00	
	Seamus Young		
	2 days @ \$300/day	600.00	
	Ian Davidson		
	1 day @ \$250/day	250.00	
	Mike Michelmenelon		
	1 day @ \$250/day	250.00	
2.	Food and Accommodation		280.00
	4 mandays @ \$70		
3.	Travel/Vehicle		426.62
	Rental: 1/4 x \$1,706.48		
4.	Field Supplies		50.00
5.	Helicopter		2,200.00
	4 hrs. @ \$550.00		
6.	Laboratory Analyses		671.00
	61 soil samples @ \$11		
7.	Report Preparation		600.00
	Report	300.00	
	Drafting	200.00	
	Photocopying	100.00	
	TOTAL		<u>\$ 5,627.62</u>

STATEMENT OF QUALIFICATIONS

I, **Ellen Lambert**, of 5949 Toderick Street, Vancouver, British Columbia, hereby certify that:

1. I am a Fellow of the Geological Association of Canada.
2. I have a Bachelor's Degree in Geology from the University of Washington (1979) and a Master's Degree in Geology from the University of New Mexico (1983).
3. I have practiced as a geologist part-time since 1979 and full-time in mineral exploration since 1986 in the United States and Canada.
4. This report is based upon all data made available to me, published and unpublished, on the property area.

Respectfully submitted,

May 30, 1988



Ellen Lambert
Ellen Lambert, M.Sc., FGAC
E. L. LAMBERT

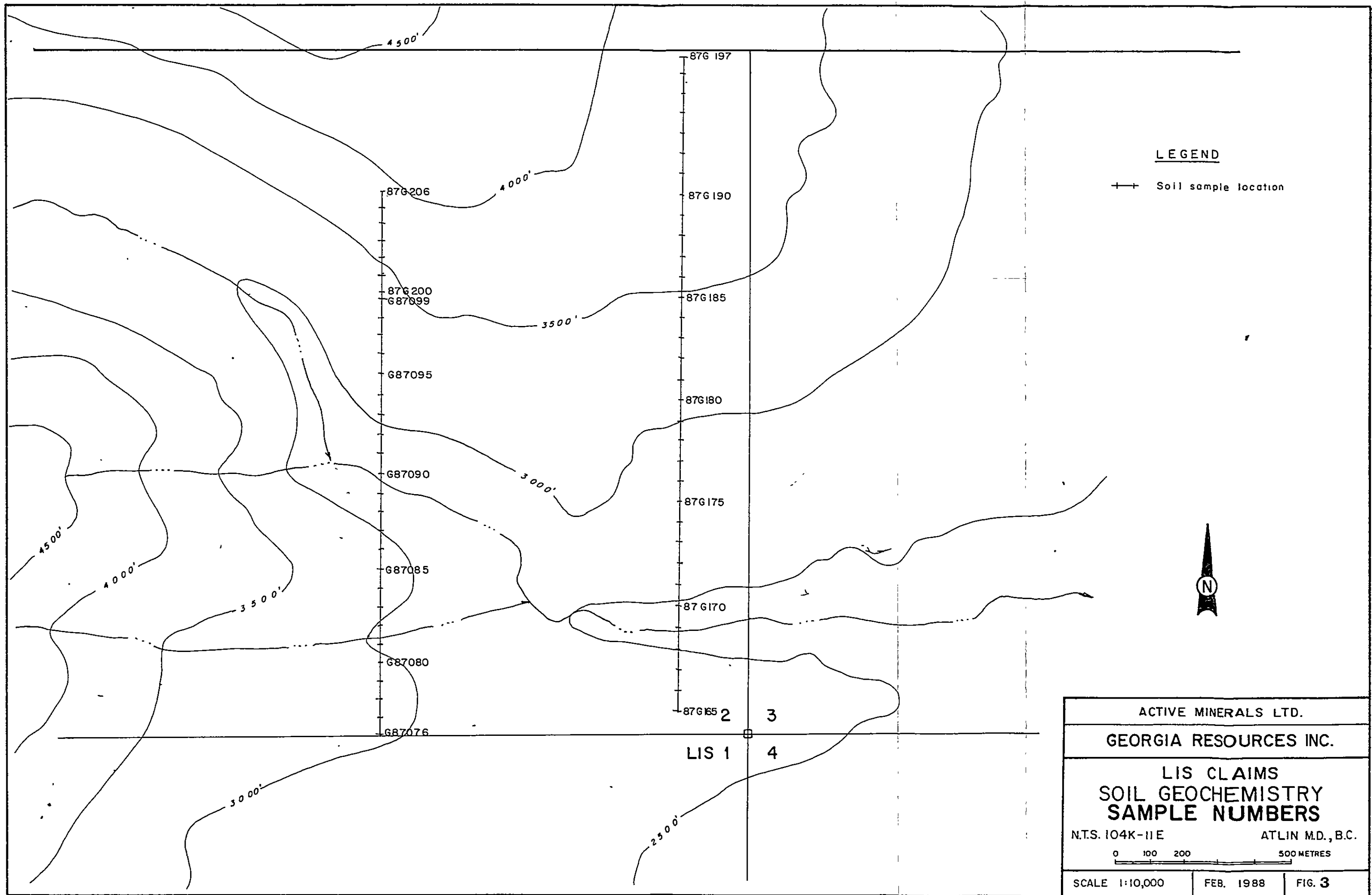
APPENDIX
GEOCHEMISTRY RESULTS

GEORGIA RESOURCES PROJECT-T-1187 FILE # 87-3751

SAMPLE#	NO	CU	PH	ZH	AG	HI	CO	MX	FE	AS	U	AU	TH	SR	CO	SO	BI	V	CA	P	LA	CR	MS	BA	TI	B	AL	MA	K	W	AU
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	Z	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	Z	Z	PPH	PPH	Z	PPH	Z	PPH	Z	Z	Z	PPH	PPH
G 87076S	1	44	93	235	.5	8	12	2313	6.05	318	5	ND	4	23	2	10	2	52	.20	.117	26	12	.32	480	.01	2	1.43	.01	.09	2	4
G 87077S	6	147	189	353	1.2	18	32	3390	10.78	1352	9	ND	3	28	1	15	2	104	.13	.201	23	23	.62	189	.03	2	3.44	.01	.08	2	24
G 87078S	11	388	1330	1244	5.8	21	67	5536	17.56	5030	21	ND	3	55	10	56	2	103	.35	.136	21	23	.95	229	.04	2	2.97	.02	.07	1	87
G 87079S	6	143	193	341	1.2	17	30	3235	9.98	1326	5	ND	2	27	1	15	2	98	.13	.191	22	21	.58	178	.03	2	3.16	.01	.07	1	18
G 87080S	4	208	209	471	1.3	47	50	4315	12.21	979	5	ND	2	69	1	27	2	97	.65	.221	16	30	.54	243	.02	2	3.66	.01	.08	1	16
G 87081S	7	418	131	521	3.1	50	82	3636	16.34	2383	5	ND	2	114	1	49	2	103	.97	.189	42	25	.79	472	.01	4	2.11	.06	.08	1	58
G 87083S	3	208	181	596	.9	27	53	3228	7.93	1109	5	ND	1	158	5	9	2	82	.44	.258	9	23	.65	91	.03	2	4.32	.01	.06	1	11
G 87084S	4	360	100	407	.8	99	46	2599	11.37	3234	5	ND	2	90	3	29	2	80	.47	.168	12	25	.63	92	.01	2	3.70	.02	.08	1	24
G 87085S	2	232	49	308	1.4	85	35	1739	8.45	433	5	ND	1	51	1	5	2	175	1.16	.091	6	142	1.78	75	.09	5	3.30	.05	.23	1	3
G 87086S	2	253	62	770	.8	107	42	2504	8.92	1041	5	ND	1	54	1	9	2	168	.87	.093	6	152	1.90	80	.17	2	3.30	.07	.25	1	14
G 87087S	5	389	256	2119	4.5	94	51	2599	12.23	3549	5	ND	2	48	9	14	2	113	.89	.150	15	56	.82	468	.01	3	2.39	.01	.12	3	63
G 87088S	3	133	323	833	.7	51	21	1833	9.00	900	5	ND	1	49	1	32	2	127	.63	.195	13	62	.87	275	.01	2	2.22	.02	.13	1	9
G 87089S	6	244	663	1569	4.2	31	36	5134	12.09	1876	5	ND	5	84	10	22	2	76	.68	.122	42	23	.91	277	.01	9	2.17	.02	.10	1	95
G 87090S	2	143	137	441	1.0	35	34	2470	6.59	395	5	ND	2	149	3	12	2	104	.81	.154	12	35	.98	161	.03	2	2.98	.03	.10	1	7
G 87091S	1	118	144	351	.9	38	19	1322	6.62	826	5	ND	1	52	3	13	2	101	.55	.057	12	34	.90	147	.03	2	2.43	.02	.07	1	11
G 87092S	4	203	147	282	1.4	43	29	2260	13.28	290	5	ND	2	28	1	34	2	88	.25	.135	18	30	.81	149	.02	2	1.81	.02	.05	1	8
G 87093S	2	91	70	235	.4	29	20	1594	6.82	361	5	ND	1	44	1	11	2	106	.42	.138	11	33	.78	196	.03	4	2.73	.01	.08	1	10
G 87094S	2	159	152	445	1.0	53	24	1992	7.82	220	5	ND	2	57	1	11	2	145	.58	.153	12	100	1.83	129	.12	16	2.74	.05	.12	1	16
G 87095S	4	250	203	845	2.0	48	30	2303	11.24	1716	5	ND	2	67	5	45	2	116	.61	.166	19	56	1.14	201	.04	7	1.99	.04	.09	1	73
G 87096S	6	263	47	551	.7	61	28	2285	10.89	376	5	ND	2	168	1	16	2	162	1.10	.167	17	74	1.83	232	.03	2	3.11	.19	.15	1	18
G 87097S	9	323	143	432	1.0	53	33	2037	13.41	257	5	ND	3	54	1	18	2	131	.66	.160	19	39	1.38	104	.03	3	1.96	.05	.07	1	7
G 87098S	7	271	63	285	.6	76	35	2770	13.46	174	5	ND	2	57	1	9	2	176	.61	.189	12	96	1.98	75	.16	4	3.05	.04	.13	1	42
G 87099S	4	225	75	300	.8	65	34	2823	12.06	257	5	ND	3	59	1	32	2	155	.66	.166	16	74	1.21	294	.07	2	2.30	.05	.12	1	28
876 165	3	77	28	102	.8	14	15	1007	9.50	1461	5	ND	3	12	1	2	2	80	.09	.147	21	26	.47	83	.02	2	3.42	.01	.04	1	2
876 166	7	105	44	183	.5	10	23	2282	13.72	401	5	ND	5	12	1	7	2	67	.08	.167	24	20	.51	123	.01	3	2.39	.01	.07	1	14
876 167	7	370	429	367	5.9	5	38	7454	16.53	4642	5	ND	2	16	1	135	22	39	.08	.322	10	10	.10	752	.01	2	.73	.01	.10	1	25
876 168	2	109	218	407	2.0	10	18	4680	9.27	1770	5	ND	3	36	1	66	2	61	.43	.086	17	14	.27	998	.01	2	1.08	.01	.08	1	53
876 169	9	701	1002	2038	6.2	83	61	3815	13.75	2417	5	ND	4	41	20	55	8	96	.39	.129	31	21	.48	256	.01	2	2.80	.02	.09	4	138
876 170	23	318	262	254	2.6	77	67	2613	23.24	994	5	ND	3	48	1	132	2	174	.46	.296	9	55	1.54	62	.13	4	2.28	.02	.14	1	65
876 171	14	447	67	178	1.2	167	72	5450	18.01	4213	5	ND	2	58	1	22	2	244	.71	.119	9	186	3.17	181	.17	4	2.58	.02	.35	1	57
876 172	29	502	422	820	3.0	79	76	11084	28.15	9082	5	ND	5	29	6	121	11	132	.17	.117	39	35	.81	150	.01	2	3.00	.01	.06	1	92
876 173	5	41	45	88	.7	12	6	572	4.43	498	5	ND	1	14	1	4	2	94	.06	.164	9	27	.31	73	.04	2	2.08	.01	.06	1	3
876 174	5	125	338	378	.4	37	54	4720	12.70	4265	5	ND	2	25	1	17	2	99	.23	.254	13	27	.66	143	.01	2	3.00	.01	.07	1	7
876 175	8	132	339	858	1.7	37	46	3555	12.86	5328	5	ND	3	17	1	23	8	96	.15	.189	11	29	.64	120	.01	3	3.87	.01	.07	1	26
876 176	22	480	150	337	2.5	34	53	3244	13.91	1654	5	ND	3	36	1	20	2	110	.15	.194	9	36	1.11	92	.01	2	3.74	.01	.06	1	51
876 177	22	489	130	302	5.1	34	54	3345	13.87	1341	5	ND	3	37	1	17	2	109	.15	.196	9	35	1.10	90	.02	4	3.68	.01	.06	1	52
876 178	11	208	348	986	1.5	42	49	7633	13.74	1089	5	ND	4	14	1	46	11	100	.10	.180	15	41	.77	100	.01	3	5.00	.01	.06	1	49
876 179	9	294	417	937	2.5	51	47	3071	14.37	4881	5	ND	2	99	5	30	2	98	.43	.123	14	37	.99	131	.03	4	3.11	.03	.06	1	135
876 180	24	979	390	628	3.9	40	49	3577	13.76	3747	5	ND	3	52	1	83	2	89	.27	.130	14	32	.87	104	.03	5	2.54	.03	.08	1	118
876 181	16	440	95	617	2.4	61	74	4313	20.59	2589	5	ND	3	24	1	86	4	100	.25	.140	15	48	.64	141	.01	3	3.61	.04	.08	1	66
876 182	11	959	470	562	19.2	44	55	2482	21.83	9082	5	ND	2	123	1	84	2	95	1.26	.106	10	30	.45	138	.01	8	1.36	.08	.06	1	445
876 183	7	184	109	264	1.4	30	33	1548	10.89	2142	5	ND	2	17	1	14	3	107	.13	.190	11	55	.51	53	.03	3	5.10	.01	.04	1	98
876 184	3	168	61	278	1.1	37	19	758	6.95	1906	5	ND	2	165	1	13	2	96	1.39	.117	9	54	.87	179	.03	3	2.37	.02	.06	1	40
STD C/AU-S	17	61	42	133	7.0	71	29	1059	4.08	41	19	7	39	52	16	16	22	61	.46	.097	39	59	.85	180	.08	31	1.74	.06	.13	13	48

GEORGIA RESOURCES PROJECT-T-1187 FILE # 87-3751

SAMPLE#	NO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AUX
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	Z	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	Z	Z	PPH	PPH	Z	PPH	Z	PPH	Z	Z	Z	PPH	PPH
876 185	8	222	188	453	2.1	40	32	2012	10.79	2569	5	ND	3	93	3	34	2	119	1.03	.132	14	72	1.26	158	.03	7	3.02	.03	.10	1	52
876 186	2	169	37	225	.6	34	19	1141	7.04	570	5	ND	2	98	1	7	2	153	1.79	.114	9	80	2.70	87	.12	2	3.32	.07	.16	1	11
876 187	3	130	49	221	.6	35	29	2239	8.87	310	5	ND	2	49	3	12	2	125	.45	.184	13	66	1.20	92	.03	2	4.07	.03	.09	1	7
876 188	3	153	54	210	.7	44	25	1570	8.24	1286	5	ND	4	34	2	15	6	90	.33	.090	16	41	.73	95	.04	2	4.96	.01	.07	1	34
876 189	2	132	35	159	.5	37	23	1455	7.31	228	5	ND	2	42	2	11	2	134	.47	.108	13	80	1.54	104	.07	2	3.11	.02	.16	1	8
876 190	5	354	279	1143	4.8	30	24	2081	12.24	5547	5	ND	2	47	10	117	19	94	.70	.140	15	35	.78	230	.01	2	1.80	.01	.09	3	275
876 191	10	351	44	278	2.2	66	40	1951	17.55	1007	5	ND	4	33	1	70	2	84	.46	.186	26	33	.29	175	.01	2	.98	.01	.12	1	28
876 192	7	348	24	232	.8	60	35	1761	14.18	514	5	ND	3	162	1	48	2	154	.75	.150	24	56	1.02	137	.03	3	2.63	.11	.30	1	10
876 193	6	199	30	203	1.0	47	25	1324	9.38	176	5	ND	2	141	2	15	2	117	1.38	.145	17	52	.99	160	.01	3	2.38	.10	.12	1	1
876 194	8	221	648	484	4.5	55	31	2442	11.30	801	5	ND	3	42	6	215	2	82	.53	.123	16	29	.44	167	.02	3	1.13	.02	.10	1	117
876 195	5	167	72	217	.4	29	40	3147	9.53	252	5	ND	2	68	1	19	2	101	.76	.239	20	39	.82	148	.01	2	3.25	.02	.07	1	5
876 196	2	154	47	174	.5	39	23	1990	7.53	187	5	ND	3	45	1	14	2	104	.63	.137	14	44	1.06	204	.02	28	1.99	.03	.11	1	16
6 872005	2	177	43	201	.5	49	25	1891	9.59	317	5	ND	2	126	1	11	2	165	.99	.151	12	73	1.53	89	.11	2	3.17	.11	.18	1	4
6 872015	5	217	124	429	1.1	74	35	2522	9.41	931	5	ND	3	58	2	15	2	135	.42	.149	14	84	1.61	95	.10	4	3.34	.02	.11	2	17
6 872025	1	133	38	133	.3	38	20	1078	6.82	233	5	ND	2	99	1	3	2	100	.82	.151	8	53	.85	60	.15	2	3.44	.10	.07	1	10
6 872035	3	171	114	190	.2	89	39	2036	8.06	401	5	ND	1	50	1	7	2	173	1.45	.105	8	178	1.98	105	.26	19	3.00	.03	.24	1	7
6 872045	1	171	87	221	.4	53	27	1647	7.18	578	5	ND	4	35	2	9	3	128	.49	.123	16	85	1.37	161	.13	5	3.18	.02	.13	1	11
6 872055	7	287	183	291	1.2	66	43	2454	10.51	1662	5	ND	3	80	3	13	3	92	.68	.183	20	42	.99	157	.03	4	3.58	.02	.09	1	30

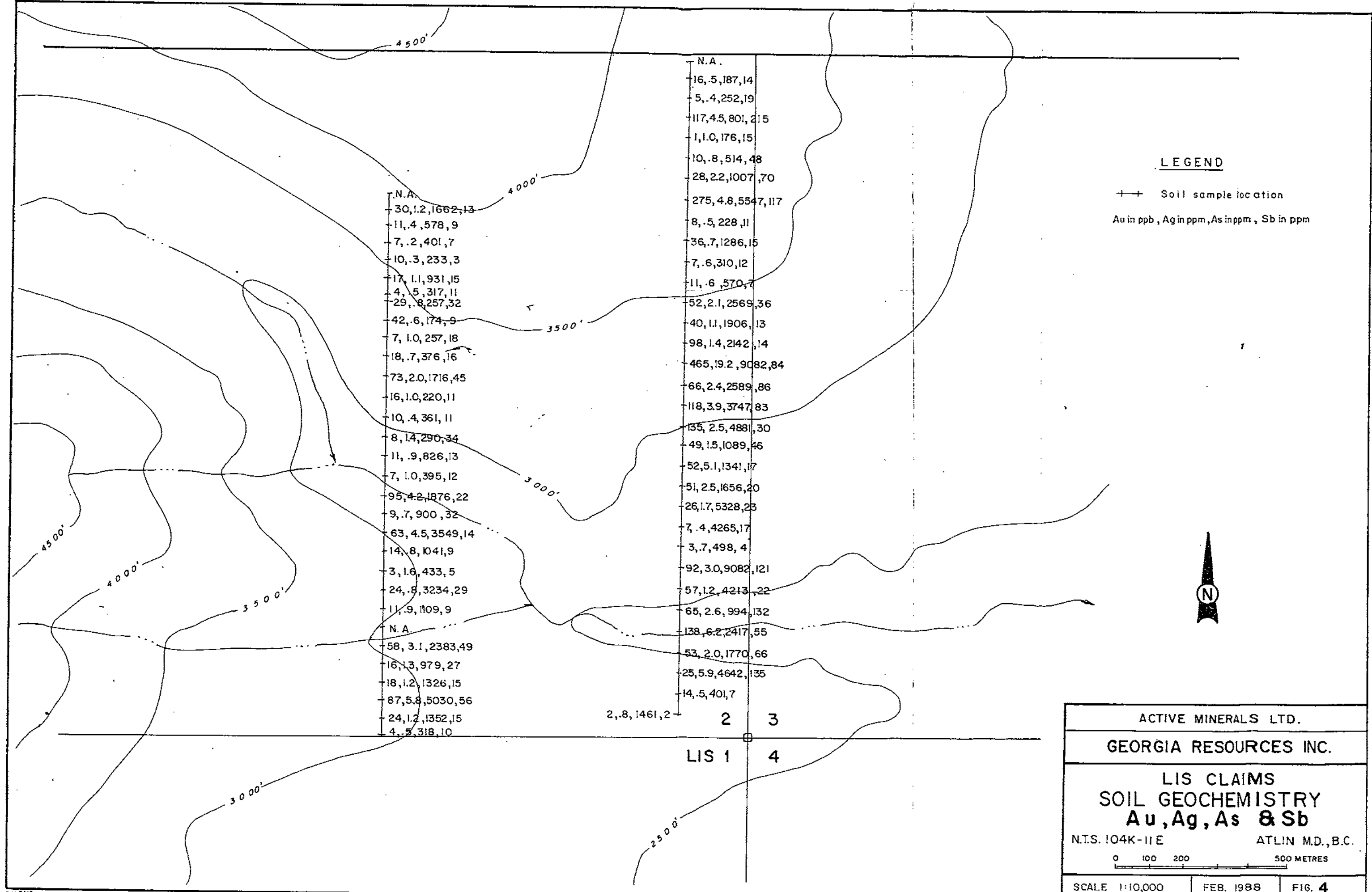


LEGEND

✦ Soil sample location



ACTIVE MINERALS LTD.	
GEORGIA RESOURCES INC.	
LIS CLAIMS SOIL GEOCHEMISTRY SAMPLE NUMBERS	
N.T.S. 104K-11E	ATLIN M.D., B.C.
SCALE 1:10,000	FEB. 1988
FIG. 3	

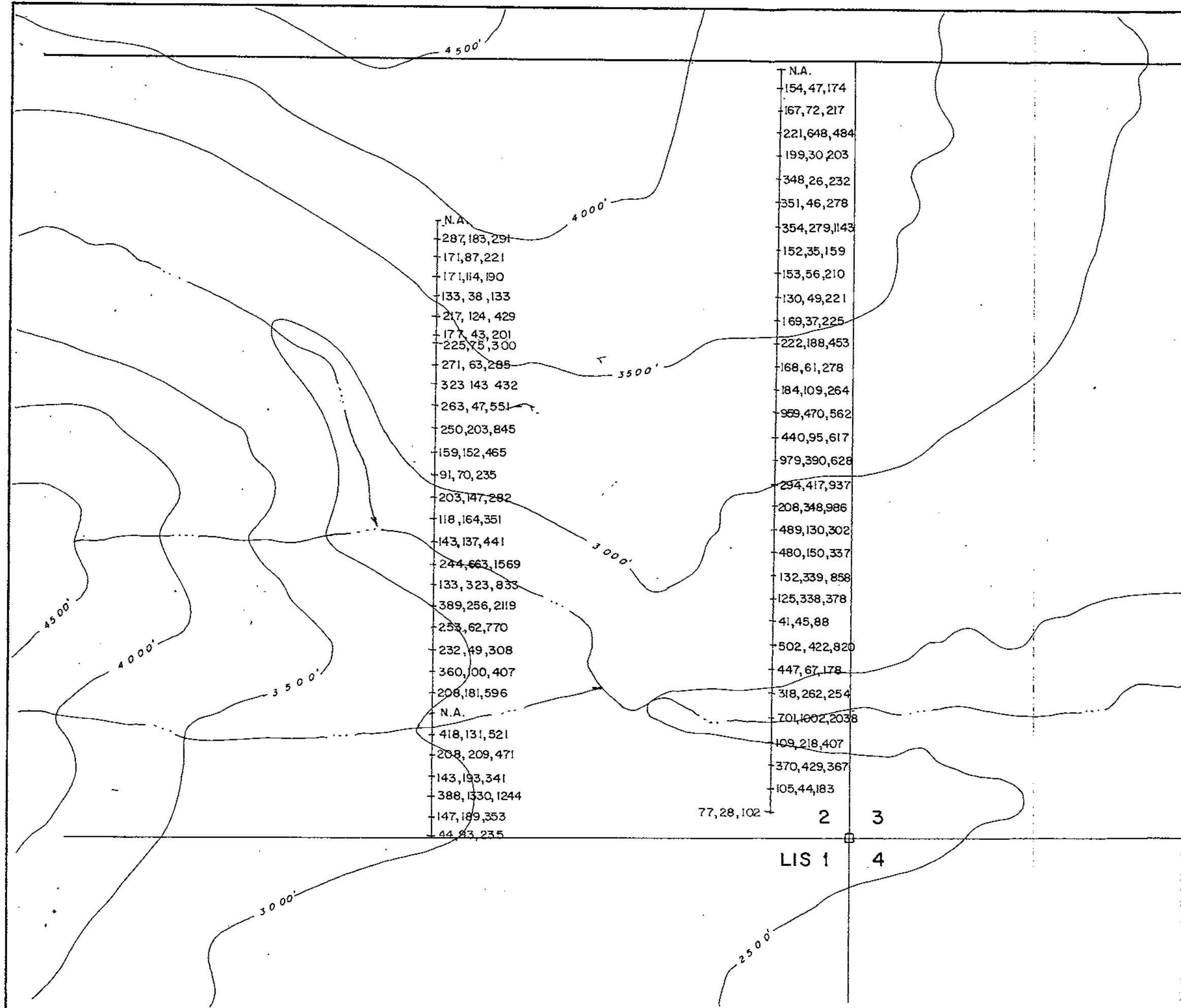


LEGEND

+ Soil sample location
 Au in ppb, Ag in ppm, As in ppm, Sb in ppm



ACTIVE MINERALS LTD.	
GEORGIA RESOURCES INC.	
LIS CLAIMS SOIL GEOCHEMISTRY Au, Ag, As & Sb	
N.T.S. 104K-11E	ATLIN M.D., B.C.
SCALE 1:10,000	FEB. 1988
	FIG. 4



LEGEND

⊕ Soil sample location

Cu, Pb, Zn in ppm



ACTIVE MINERALS LTD.		
GEORGIA RESOURCES INC.		
LIS CLAIMS SOIL GEOCHEMISTRY Cu, Pb & Zn		
N.T.S. 104K-11E	ATLIN M.D., B.C.	
SCALE 1:10,000	FEB. 1988	FIG. 5