84-#375 - 12291
6/85

REPORT ON THE 1983 GEOLOGICAL AND GEOCHEMICAL FIELDWORK

ON THE ANN-S MINERAL CLAIM

OMINECA MINING DIVISION, BRITISH COLUMBIA

Location: 1. NTS Map No. 93F/5
Military Grid Reference 240201

2. 95km S of Burns Lake, British Columbia

3. Latitude 53°24'N
Longitude 125°39'W

For: Colossal Energy Inc.,
1322-510 West Hastings Street,
Vancouver, British Columbia,
V6B 1L8

By: Harmen J. Keyser, B.Sc.,
201-230 East 16th Street,
North Vancouver, British Columbia,
V7L 2T1

April 26, 1984.

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SUMMARY

The Ann-S property consists of one 20-unit claim in the Omineca Mining Division, British Columbia. It is accessible by helicopter from Burns Lake or Houston.

The property is underlain by a thick sequence of volcanic and sedimentary rocks intruded by granodiorites related to the Coast Range Intrusions. Tertiary volcanic activity is known in the area.

Exploration work has consisted mainly of soil geochemistry, which has outlined three areas of coincident low-order silver, copper, and lead anomalies. Two possible exploration targets have been proposed; contact-controlled mineralization, and vein-type precious metals mineralization.

Continued soil geochemistry and preliminary geophysics are proposed as future exploration work.

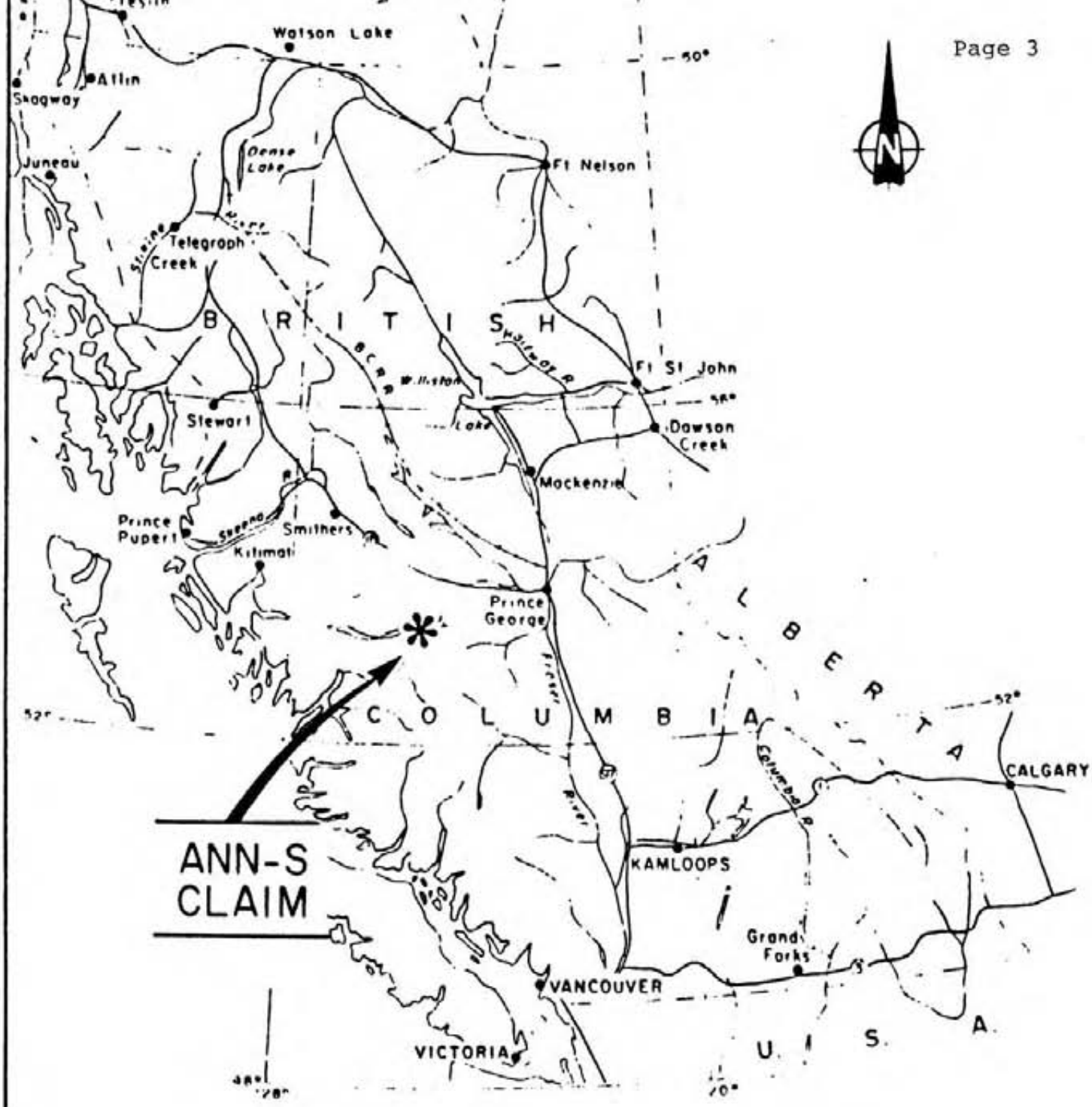
INTRODUCTION

This report was prepared pursuant to a request by the directors of Colossal Energy Inc. Its purpose is to assess the economic potential of the Ann-S mining claim through a description of the 1983 geological and geochemical fieldwork.

The property is located approximately 95km south of Burns Lake, British Columbia (Figure 1), and is best accessible by helicopter.

The area was first staked in 1970 by Noranda Exploration Company Limited, and re-staked in 1983 for Colossal Energy Inc.

A total of 411 soil samples were taken during the 1983 exploration program from geochemical purposes. Reconnaissance geological mapping at a scale of 1:5000 and minor prospecting were carried out in conjunction with the sampling.



LOCATION MAP

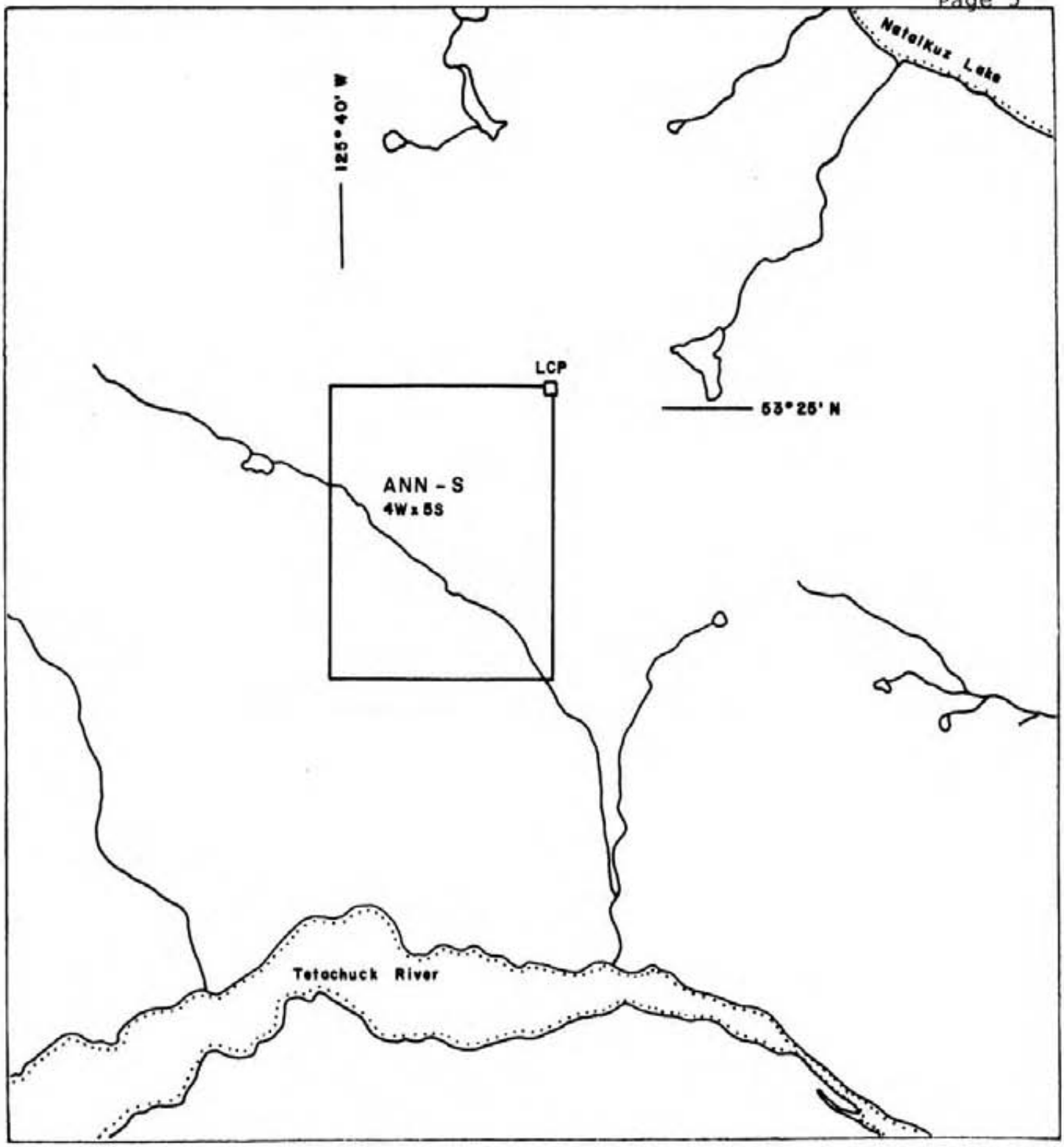
ANN-S CLAIM OMINECA M.D. FIG. 1

COLLOSSAL ENERGY INC.

LOCATION AND ACCESS

The Ann-S mining claim is located in west-central British Columbia, about 95km south of Burns Lake, N.T.S. Map. No. 93F/5. It is situated roughly on the height-of-land between Natalkuz and Tetachuck Lakes (Figure 2). The geographic coordinates of a point approximately in the center of the property are 53°24' North Latitude and 125°39' West Longitude.

Access to the property is best by helicopter from bases at Burns Lake or Houston to small lakes or clearings in the vicinity of the claim.



PROPERTY LOCATION MAP

ANN - S CLAIM OMINECA M.D. FIG. 2

COLLOSSAL ENERGY INC.

Scale 1:50,000 APR. / 84

HISTORY

The Tetachuck Lake - Nechako River area was probably first prospected for placer gold during the gold rush days on the Fraser River in the late 1800's.

A reconnaissance geochemical program by Noranda Exploration Company Limited located stream sediments anomalous in copper and molybdenum in the area of the property, and led to its staking in 1970 and 1971. Detailed geochemical and geophysical (induced polarization and resistivity) work was carried out, but no targets indicative of porphyry-type mineralization were found (B.C. A.R. #3173 and 3777). The property was then allowed to lapse.

The area was re-staked in 1983 upon recognition of a potential precious metals environment for Colossal Energy Inc.

CLIMATE, TOPOGRAPHY, AND VEGETATION

The climate in the area of the Ann-S property is variable with hot summers and cold winters. Precipitation here is upwards of 60 cm per year, with snow occurring during the winter months.

The property is in the central part of the Interior Plateau and as such the slopes are moderate. Elevations in the area range from 3400 to 4300 feet above sea level. The topography has been greatly modified by Pleistocene glaciation, and such glacial features as kames and outwash plains are present.

The area is heavily timbered mainly with spruce and balsam typical of central British Columbia.

PROPERTY

The property consists of one 20 unit claim block staked under the Modified Grid staking system of British Columbia. Claim data is as follows:

Claim Name:	Ann-S
Units:	20 (4W x 5S)
Tag No.:	89971
Record No.:	5351
Staking Date:	June 11, 1983
Recording Date:	June 23, 1983
Mining Division:	Omineca

The claim is owned 100% by Colossal Energy Inc., and is shown on British Columbia claim map M93F/5E.

GEOLOGY

The Ann-S mineral claim is situated in the Intermontane Tectonic Belt. The regional geology is described on G.S.C. map 1131A and in Memoir 324 by H.W. Tipper.

In the area of the property, the oldest known rocks are a thick sequence of volcanics and sediments known as the Takla Group. This Upper Triassic and Lower Jurassic package has been intruded during Upper Jurassic and/or Cretaceous time by numerous granitoid plutons probably related to the Coast Range Intrusions. Tertiary basalts, andesites, and rhyolites of the Ootsa Lake and Endako Groups also occur in the vicinity.

Outcrops on the property itself are scarce and of poor quality. Only two rock units are known; the Takla Group volcanics, and the Jurassic-Cretaceous intrusions (Figure 3).

The Takla volcanics occur as brown weathering, fine grained, dark green to purplish andesites and light colored rhyolite. Fine grained disseminated pyrite is abundant in this unit. Rock outcrops are massive; bedding or other structures were not observed.

The only intrusive rocks observed on the property occur in a stream-cut in the southeast corner of the property. The rock exposed here is a weakly porphyritic granodiorite, with hornblende and biotite occurring in approximately equal amounts. No mineralization was observed in either rock unit on the property.

A tabulated geological history of the area of the property is given in Table 1.

TABLE 1

GEOLOGIC HISTORY OF THE ANN-S MINERAL CLAIM AREA

Unit*	Age	Event/Description
12	Quaternary	Unconsolidated glacial debris.
--	Pleistocene	Erosional unconformity.
11	Miocene	Endako Group: vesicular andesite and basalt; minor breccias, tuffs, sediments.
9, 10	Paleogene	Ootsa Lake Group: basalts, andesites, rhyolites; minor sediments.
--	Paleocene?	Erosional unconformity.
8	Upper Jurassic and Cretaceous	Coast Range Intrusions: granodiorite.
2	Upper Triassic and Lower Jurassic	Takla Volcanics: basalts, andesites, and rhyolites, minor sediments, tuffs, breccias.

*from GSC Map 1131A.

GEOCHEMICAL RESULTS

The 1983 geochemical fieldwork covered as much of the Ann-S property as time would allow. Eleven sampling lines at a spacing of 200 metres with sample intervals at approximately 50 metres were established with a hip chain and compass using the east and west claim boundaries as control.

Soil samples were taken at each grid station where possible. A total of 411 samples were collected from 417 sample sites with 6 samples unobtainable because of deep humus. The samples were taken with a mattock mainly from the 'B' soil horizon at depths ranging from 5 to 30 cm. Each sample was placed in a kraft paper envelope and marked with a unique grid number.

The samples were sieved to a -80 mesh fraction and analyzed by conventional atomic absorption techniques by CDN Resource Laboratories Limited, of Delta, British Columbia. Analyses were made for silver, copper, molybdenum, lead, and zinc, and the results were expressed in parts per million. The lower detection limit of silver is 0.1 ppm, and for copper, molybdenum, lead, and zinc it is 1 ppm.

A statistical analysis was made for each element, which is shown in Table 2. Values below the detection limit were entered into the calculations as zero. All sample locations and geochemical values were plotted at a scale of 1:5000. The plots of values obtained were contoured by hand to outline the probably and definitely anomalous areas, without a strong bias for lineal anomalies.

Silver values (Figure 4) range from less than 0.1 to 0.8 ppm, with a mean of only 0.055 ppm. Because of the low background, contours were moved to 0.2 and 0.4 ppm. Several widespread low-order anomalies are indicated, with probably the most significant occurring in the northwest corner of the claim block.

Copper values (Figure 5) range from 1 to 362 ppm, with contours drawn at 47 and 76 ppm. Anomalous areas are widespread over the property with some larger and stronger anomalies occurring in the south-central portion of the sampled area. These occur near the assumed granodiorite-volcanic contact and may reflect elevated metal concentrations in the contact zone.

The values of molybdenum (Figure 6) are generally low ranging from less than 1 to 92 ppm. The low-order anomalies, contoured

TABLE 2

STATISTICAL ANALYSIS OF GEOCHEMICAL DATA

Element	Ag	Cu	Mo	Pb	Zn
Arithmetic Mean ($\bar{x}$)	0.055	18.6	1.9	11.0	50.4
Standard Deviation (s)	0.098	28.6	4.9	6.4	34.3
Background	<0.055	<18.6	<1.9	<11.0	<50.4
Possibly Anomalous	0.055-0.153	18.6-47.2	1.9-6.8	11.0-17.4	50.4-84.7
Probably Anomalous	0.153-0.251	47.2-75.8	6.8-11.7	17.4-23.8	84.7-119.0
Definitely Anomalous	>0.251	>75.8	>11.7	>23.8	>119.0

n = 411

All results in parts per million

at 7 and 12 ppm, are restricted to the southern part of the sampled area and are roughly coincident with the copper anomalies. Like copper, the molybdenum anomalies may result from anomalous concentrations of the metal in the granodiorite-volcanic contact zone.

The plots of lead values are shown on Figure 7, with values ranging from 1 to 97 ppm. Contours were drawn at 17 and 24 ppm, which shows low-order anomalies over most of the property. Many of the anomalies closely coincide with copper and silver anomalies.

Zinc values (Figure 8) range from 4 to 375 ppm with contours drawn at 85 and 119 ppm. Interestingly, no significant zinc anomalies occur over the assumed granodiorite-volcanic contact zone, where the most important copper and lead anomalies are found. The major zinc anomalies are somewhat restricted to the northern part of the sampled area, and are not strongly coincident with any other elements.

CONCLUSIONS AND RECOMMENDATIONS

The Ann-S mineral property is situated over a lower Mesozoic volcano-sedimentary package which has been intruded by a granodiorite pluton of upper Mesozoic age. Tertiary volcanics occur in the area, and this is interpreted as a suitable environment for precious metals deposits. However, no known mineral deposits occur in the immediate vicinity of the claim.

1983 geochemical work has indicated numerous widespread low-order anomalies of silver, copper, molybdenum, lead, and zinc. Several of these anomalies appear to reflect elevated metal concentrations in the underlying rocks. Copper and lead anomalies are strongly coincident, especially in the southern part of the claim block where a granodiorite-volcanic contact is assumed. Contact-controlled mineralization may be hosted in this area. Other coincident geochemical anomalies occur in the northwestern and north-central portions of the sampled area. It is suggested that these northern areas may host vein-type mineralization because of the close proximity to known Tertiary volcanic activity.

Metal zoning around the granodiorite pluton is suggested by the spatial separation of zinc and molybdenum anomalies. Concentrations of molybdenum in soil over the volcanic rocks appear to increase

toward the granodiorite, while the inverse is true for zinc.

Geochemical results of the 1983 exploration program were somewhat inconclusive. Low-order and sometimes weakly coincident anomalies were disclosed, and therefore interpretation is difficult. However, three main areas of interest have been outlined by the geochemical work; the north-central, the northwestern, and the southern parts of the sampled area. Based on these results, the following work is recommended:

1. As the three main areas of coincident geochemical anomalies occur at or near the margins of the area sampled, it is proposed to enlarge the grid and continue sampling to better define these areas. Analyses should be made for gold, silver, lead, and copper.

2. A ground magnetometer survey may be utilized to help outline the intrusive contact in the southeastern part of the property, and therefore aid in possible future interpretations of contact-controlled mineralization.

3. A VLF-EM survey should be initiated in conjunction with continued sampling in the northern part of the property, where overburden thickness is thought to be minor. This would aid in possible future interpretations of vein-type mineral deposits.

4. Any further work (detailed geochemistry, geophysics, trenching, etc.) would be contingent on results of the above program.

Respectfully submitted,

Harmen J. Keyser, B.Sc.

CERTIFICATE OF QUALIFICATIONS

I, HARMEN J. KEYSER, hereby certify as follows:

1. I am a consulting geologist residing at 201-230 East Sixteenth Street, North Vancouver, British Columbia, V7L 2T1.

2. I am a 1981 graduate of Saint Mary's University, Halifax, Nova Scotia (B.Sc. 7726730).

3. I am a member of the Geological Association of Canada (A3759).

4. I have no interest in the claims or securities of Colossal Energy Inc. and do not expect to receive any interest.

5. This report is based on my personal examination of the property, as well as previously published and unpublished maps and reports.

April 27, 1984.

Harmen J. Keyser, B.Sc.

COST STATEMENT

Professional Services

Andrew Wilkins, B.Sc.	
6 days @ $150/day	$ 900.00
Harmen Keyser, B.Sc.	
6 days @ $150/day	900.00
Time allotment: June 10, 1983; mobilization June 11, 12, 13, 14; field work June 15; demobilization	

Helicopter Charter

3.7 hours @ $500/hr	1,850.00

Camp Costs

food, fuel, etc.	300.00
	$3,950.00

Sub-total

less 16.7% for 1 day staking (June 11)	-659.65

Analytical Costs

411 samples analyzed for Ag, Cu, Mo, Pb, Zn @ $5.50/sample	2,260.50

Report Preparation

Harmen Keyser, B.Sc.	
3 days @ $150/day	450.00
Typing, Drafting, Copying	500.00
TOTAL COST	$6,500.85

APPENDIX

CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

ASSAY REPORT

TO: J. G. Ager Consultants Ltd.
1322 - 510 West Hastings St.
Vancouver, B.C.
V6B 1LS

FILE NO.: 83-74

DATE: June 30, 1983

ATTENTION: J.G. Ager cc. Harmen Keyser

PROJECT:

Sample Description		Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Geochemical analyses
L0S	0 00W	.2	14	L	11	65	
	0 50	.2	16	L	11	89	
	1 00	.2	5	L	11	33	
	1 50	.1	7	L	11	24	
	2 00	.1	5	L	10	20	
	2 50	.1	5	L	10	26	
	3 00	.1	10	L	12	44	
	3 50	L	6	L	11	24	
	4 00	L	4	L	13	47	
	4 50	.1	9	L	10	92	
	5 00	L	10	L	11	53	
	5 50	.1	9	L	11	51	
	6 00	.1	10	L	11	85	
	6 50	L	5	L	8	38	
	7 00	.1	10	L	15	170	
	7 50	.3	73	L	15	119	
	8 00	.2	26	1	18	36	
	8 50	L	6	L	10	47	
	9 00	.1	11	L	23	104	
	9 50	.1	15	1	16	173	
	10 00	.1	11	L	13	136	
	10 50	L	44	1	9	107	
	11 00	L	24	2	12	170	
	11 50	.1	8	1	15	105	
	12 00	L	8	1	11	60	
	12 50	.1	7	1	12	33	
	13 00	L	5	L	11	39	
	13 50	.1	5	L	14	53	
	14 00	.1	12	L	15	89	
	14 50	.1	3	L	11	24	
	15 00	.1	6	L	11	45	
	15 50	.1	12	L	13	39	
	16 00	.3	34	2	20	77	
	16 50	.7	75	3	21	19	
	17 00	.4	36	2	21	69	
	17 50	.5	44	1	25	12	
	18 00	.2	4	L	10	24	
	18 50	.3	11	L	8	39	
	19 00	.2	5	L	10	39	
	19 50	.1	9	1	10	62	

Rejects retained one month, pulps one year, unless specific arrangements made.

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Sample Description		Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Geochemical analyses
L2S	0 00W	.1	7	2	11	53	
	0 50	.1	10	1	8	87	
	1 00	.1	13	2	15	68	
	1 50	.1	13	1	12	75	
	2 00	.1	6	2	12	39	
	2 50	.1	6	1	9	35	
	3 00	.1	7	3	13	53	
	3 50	.1	9	1	11	38	
	4 00	.1	5	L	8	27	
	4 50	L	8	1	8	45	
	5 00	L	11	1	8	33	
	5 50	L	12	2	11	83	
	6 00	.1	8	1	9	39	
	6 50	L	11	1	11	63	
	7 00	L	27	2	13	83	
	7 50	L	13	2	14	104	
	8 00	.1	13	1	11	95	
	8 50	L	9	1	12	102	
	9 00	L	10	2	10	54	
	9 50	L	10	1	10	51	
	10 00	.3	74	2	20	132	
	10 50	.3	19	4	26	150	
	11 00	L	39	4	18	174	
	11 50	L	7	1	10	42	
	12 00	L	7	1	12	189	
	12 50	L	9	1	12	81	
	13 00	L	14	1	12	74	
	13 50	L	22	1	15	74	
	14 00	L	11	1	12	59	
	14 50	L	8	1	11	51	
	15 00	L	13	1	13	77	
	15 50	L	14	1	11	83	
	16 00	L	18	1	14	57	
	16 50	L	11	1	10	42	
	17 00	L	5	1	9	45	
	17 50	L	6	1	10	50	
	18 00	L	12	2	13	83	
	18 50	.1	17	2	15	107	
	19 00	L	17	2	10	66	
	19 50	L	31	2	17	75	
	20 00	.3	9	1	10	39	

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FILE NO.: 83-74

ASSAY REPORT

Sample Description		Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Geochemical analyses
L4S	0 00W	.1	25	1	12	12	
	1 50	L	45	1	16	48	
	2 00	.1	7	L	6	68	
	2 50	L	7	L	13	45	
	3 00	L	4	L	12	35	
	3 50	L	5	L	10	48	
	4 00	.1	4	L	9	26	
	4 50	L	21	1	17	135	
	5 00	L	15	L	11	33	
	5 50	L	8	L	11	53	
	6 00	L	4	L	10	41	
	6 50	L	8	L	10	81	
	7 00	L	6	L	11	62	
	7 50	L	9	L	12	101	
	8 00	L	22	2	54	375	
	8 50	L	5	L	11	63	
	9 00	L	9	L	6	30	
	9 50	L	20	1	13	39	
	10 00	L	13	L	6	33	
	10 50	L	39	2	16	29	
	11 00	L	54	1	13	33	
	11 50	L	15	1	11	36	
	12 00	L	8	L	8	20	
	12 50	L	19	1	11	44	
	13 00	L	15	L	13	51	
	13 50	L	15	1	10	30	
	14 00	L	6	L	11	36	
	14 50	L	11	1	11	59	
	15 00	L	16	1	13	66	
	15 50	L	29	1	14	83	
	16 00	L	54	L	15	80	
	16 50	L	18	1	13		
	17 00	.1	10	L	12	36	
	17 50	L	36	L	12	59	
	18 00	L	16	L	12	48	
	18 50	L	16	L			
	19 00	L	9	L	11	48	
	19 50	.1	19	1	8	41	
	20 00	L	73	1	13	74	

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ASSAY REPORT

Sample Description		Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Geochemical analyses
L6S	1 00W		10	1	13	9	
	1 50	L	5	1	7	26	
	2 00	.2	3	L	10	48	
	2 50	L	10	1	7	39	
	3 00	L	3	L	9	18	
	3 50	L	8	1	10	48	
	4 00	L	4	2	8	41	
	4 50	L	7	1	8	33	
	5 00	.2	7	L	8	41	
	5 50	.1	28	L	11	60	
	6 00	L	10	L	10	63	
	6 50	L	12	L	11	59	
	7 00	L	14	1	11	56	
	7 50	L	7	L	12	38	
	8 00	L	8	L	12	71	
	8 50	.2	10	L	10	68	
	9 00	L	10	1	14	30	
	9 50	L	13	1	12	33	
	10 00	.1	11	L	9	42	
	10 50	.2	12	L	12	26	
	11 00	L	9	1	12	41	
	11 50	L	35	1	12	80	
	12 00	L	11	1	14	45	
	12 50	L	20	1	11	59	
	13 00	L	4	1	11	30	
	13 50	L	6	1	11	47	
	14 00	L	22	2	13	80	
	14 50	L	31	2	15	95	
	15 00	L	34	3	11	117	
	15 50	L	5	1	11	39	
	16 00	L	21	3	19	62	
	16 50	L	13	3	14	86	
	17 00	L	8	2	16	59	
	17 50	L	9	3	13	35	
	18 00	L	9	2	10	44	
	18 50	L	8	3	12	26	
	19 00	L	4	2	9	39	
	19 50	L	9	2	10	57	
	20 00	L	21	2	8	65	

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FILE NO.: 83-74

ASSAY REPORT

Sample Description		Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Geochemical analyses
L8S	0 00W	L	12	1	8	39	
	0 50	.1	6	1	8	53	
	1 00	L	7	2	10	62	
	1 50	.2	15	1	11	33	
	2 00	L	8	1	10	102	
	2 50	.1	6	1	10	48	
	3 00	L	12	1	12	30	
	3 50	L	7	1	10	54	
	4 00	L	10	1	12	53	
	4 50	L	12	1	11	75	
	5 00	L	10	1	9	54	
	5 50	L	23	1	8	71	
	6 00	L	14	1	11	63	
	6 50	L	15	1	10	81	
	7 00	L	49	1	10	86	
	7 50	L	34	1	11	53	
	8 00	L	52	1	14	96	
	8 50	.1	8	L	10	35	
	9 00	L	17	2	14	39	
	9 50	.2	26	2	12	59	
	10 00	L	12	2	9	42	
	10 50	L	15	1	8	68	
	11 00	L	8	1	8	30	
	11 50	L	12	2	10	42	
	12 00	L	9	1	8	68	
	12 50	L	14	2	7	39	
	13 00	L	15	1	8	39	
	13 50	L	13	1	8	78	
	14 00	L	14	1	6	153	
	14 50	L	6	1	6	48	
	15 00	L	12	1	9	60	
	15 50	L	54	1	13	80	
	16 00	L	35	1	15	87	
	16 50	L	13	1	8	42	
	17 00	L	13	1	10	39	
	18 00	L	32	1	12	81	
	18 50	L	22	2	10	60	
	19 00	.2	23	1	8	53	

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FILE NO.: 83-74

ASSAY REPORT

Sample Description	Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Geochemical analyses
L10S 0 00W	.2	12	1	20	68	
0 50	L	7	1	9	152	
1 00	L	8	1	8	51	
1 50	L	11	1	8	68	
2 00	L	6	1	8	29	
2 50	L	3	1	6	29	
3 00	L	5	1	6	38	
3 50	L	38	1	13	57	
4 00	L	15	1	8	54	
4 50	L	14	1	13	47	
5 00	L	8	1	7	48	
5 50	L	10	1	9	42	
6 00	L	15	1	12	59	
6 50	L	13	1	7	47	
7 00	L	15	1	10	54	
7 50	.2	18	1	9	60	
8 00	L	5	4	10	14	
8 50	L	29	4	12	24	
9 00	L	16	2	7	8	
9 50	L	12	1	8	54	
10 00	L	9	L	20	42	
10 50	L	38	L	9	45	
11 00	L	7	1	12	26	
11 50	L	8	1	3	10	
12 00	L	26	L	11	52	
12 50	L	4	L	7	30	
13 00	L	12	L	6	31	
13 50	L	12	1	6	55	
14 00	.2	47	3	6	12	
14 50	.2	20	1	10	53	
15 00	.1	16	L	10	49	
15 50	.1	16	L	8	39	
16 00	.2	44	L	5	24	
16 50	.2	31	L	4	6	
17 00	.2	10	1	3	4	
17 50	.2	24	L	8	54	
18 00	.2	24	L	6	44	

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CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

FILE NO.: 83-74

ASSAY REPORT

Sample Description	Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Geochemical analyses
L12S 1 50W	.2	28	1	12	35	
2 00	.2	19	1	11	41	
2 50	.1	17	1	10	45	
3 00	.1	26	1	12	33	
3 50	.1	9	1	9	39	
4 00	.2	14	1	11	41	
4 50	.1	37	1	18	59	
5 00	.2	30	L	10	38	
5 50	.4	88	2	9	61	
6 00	.1	9	2	7	45	
6 50	.1	15	2	8	36	
7 00	.1	7	2	6	38	
7 50	.2	27	2	15	57	
8 00	.2	5	1	6	18	
8 50	.2	12	1	15	60	
9 00	.4	51	3	19	63	
9 50	.1	7	1	10	46	
10 00	.1	16	1	6	36	
10 50	.1	8	3	9	48	
11 00	.2	9	1	7	57	
11 50	.1	6	2	11	93	
12 00	.2	10	1	12	105	
12 50	.1	7	2	9	57	
13 00	.1	8	1	8	45	
13 50	.1	26	3	15	6	
14 00	.4	107	1	27	42	
14 50	.1	8	2	8	33	
15 00	.1	8	1	6	50	
15 50	L	11	3	12	72	
16 00	.1	39	2	8	30	
16 50	.2	52	3	7	11	
17 00		60	2	7	15	
17 50	.2	39	3	14	53	
18 00	.2	11	1	7	48	
18 50	.1	13	4	11	57	
19 00	.1	19	3	10	48	

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CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

FILE NO.: 83-74

ASSAY REPORT

Sample Description	Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Geochemical analyses
L14S 1 00W	.2	2	1	17	38	
1 50	.2	7	1	13	90	
2 00	L	1	1	8	18	
2 50	L	5	1	36	75	
3 00	L	1	4	7	27	
3 50	.1	7	1	9	33	
4 50	L	1	1	7	20	
5 50	L	14	1	13	36	
6 00	L	17	1	15	50	
6 50	L	18	L	6	24	
7 00	.1	31	1	11	29	
7 50	.2	12	2	12	33	
8 00	.1	11	1	17	59	
8 50	.1	58	2	14	25	
9 00	.2	132	3	25	38	
9 50	.2	96	3	22	35	
10 00	.2	188	4	31	36	
10 50	.2	210	4	36	35	
11 00	.1	29	2	7	11	
11 50	.3	48	3	18	42	
12 00	L	23	3	11	52	
12 50	L	14	1	13	27	
13 00	L	17	4	8	14	
13 50	.2	85	4	12	10	
14 00	.1	16	1	10	32	
14 50	.1	11	1	12	35	
15 00	.1	16	1	11	35	
15 50	Not enough sample					
16 00	L	21	2	7	9	
16 50	.2	26	2	13	30	
17 00	.1	10	1	9	35	
17 50	L	9	2	10	33	
18 00	L	16	2	97	22	
18 50	L	11	2	11	41	
19 00	.2	16	1	9	30	
19 50		47	1	14	24	
20 00	L	11	2	11	80	

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CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

FILE NO.: 83-74

ASSAY REPORT

Sample Description		Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Geochemical analyses
L16S	1 50W	L	4	2	5	30	
	2 00	L	5	1	13	30	
	2 50	L	3	1	5	12	
	3 00	L	3	1	11	17	
	3 50	L	4	1	8	21	
	4 00	L	9	2	10	27	
	4 50	L	8	2	6	30	
	5 00	L	6	1	14	29	
	5 50	.1	10	2	9	63	
	6 00	L	12	1	10	35	
	6 50	L	7	1	10	86	
	7 00	L	5	1	8	24	
	7 50	.1	11	1	12	50	
	8 00	.1	7	2	10	33	
	8 50	L	13	2	10	48	
	9 00	L	28	3	12	38	
	9 50	L	7	3	7	20	
	10 00	.1	362	4	15	21	
	10 50	L	46	5	10	24	
	11 00	L	37	9	12	33	
	11 50	L	13	1	9	14	
	12 00	L	6	3	9	14	
	12 50	L	2	1	7	8	
	13 00	L	2	2	8	9	
	13 50	L	16	15	10	27	
	14 00	No sample					
	14 50	No sample					
	15 00	L	3	7	8	12	
	15 50	L	9	11	9	33	
	16 00	L	11	6	9	39	
	16 50	L	11	5	10	17	
	17 00	L	6	4	11	54	
	17 50	L	8	7	8	84	
	18 00	L	10	2	9	66	

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CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

FILE NO.: 83-74

ASSAY REPORT

Sample Description	Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Geochemical analyses
L18S 0 00W	L	2	1	12	8	
0 50	L	6	2	3	36	
1 00	L	11	3	11	49	
1 50	L	5	2	4	15	
2 00	L	4	2	9	33	
2 50	L	5	2	5	42	
3 00	L	17	1	9	51	
3 50	.1	15	2	8	30	
4 00	L	6	2	7	33	
4 50	L	13	4	13	165	
5 00	L	6	1	8	33	
5 50	L	8	1	9	78	
6 00	L	8	1	6	23	
6 50	L	7	1	9	42	
7 00	L	9	2	13	63	
7 50	L	17	2	8	29	
8 00	L	95	10	20	26	
8 50	.1	3	1	6	66	
9 00	L	11	3	4	15	
9 50	L	5	2	11	12	
10 00	.1	19	4	5	21	
10 50	L	15	3	12	45	
11 00	.1	11	5	8	36	
11 50	L	11	4	9	18	
12 00	L	39	11	9	27	
12 50	L	6	2	7	8	
13 00	L	35	17	11	21	
13 50	L	33	7	12	38	
14 00	L	55	92	10	27	
14 50	L	7	4	10	33	
15 00	L	8	6	7	44	
15 50	L	16	4	12	83	
16 00	.1	64	9	13	69	
16 50	L	10	2	10	45	
17 00	.1	16	2	11	210	

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CDN RESOURCE LABORATORIES LTD.
#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

FILE NO.: 83-74

ASSAY REPORT

Sample Description	Ag ppm	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Geochemical analyses
L20S 0 00W	L	5	3	10	12	
0 50	L	24	L	9	50	
1 00	L	15	1	11	33	
1 50	L	7	3	7	59	
2 00	L	7	1	8	47	
2 50	L	7	2	7	45	
3 00	L	18	L	7	33	
3 50	L	6	1	5	38	
4 00	L	8	L	4	38	
4 50	L	6	2	5	42	
5 00	L	4	L	4	33	
5 50	L	15	2	7	51	
6 00	L	7	2	1	26	
6 50	L	24	2	7	38	
7 00	L	5	1	3	14	
7 50	L	5	2	7	39	
8 00	L	2	1	4	23	
8 50	L	5	2	7	39	
9 00	L	11	L	6	26	
9 50	L	11	4	6	72	
10 00	L	11	1	5	33	
10 50	L	6	3	7	51	
11 00	L	11	3	5	33	
11 50	L	10	3	7	27	
12 00	L	17	18	9	33	
12 50	L	25	5	7	12	
13 00	.8	220	12	9	6	
13 50	L	9	5	4	12	
14 00	L	8	2	9	30	
14 50	L	16	4	7	30	
15 00	L	5	1	8	18	
15 50	L	9	3	5	38	
16 00	L	8	1	7	38	
16 50	.2	19	6	10	80	
17 00	L	10	L	7	35	
17 50	L	8	3	7	62	
18 00	L	5	L	6	93	
18 50	L	12	2	8	78	

Ag: L indicates less than .1 ppm
Mo: L indicates less than 1 ppm

All results are expressed in ppm

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125° 40' W

53° 25' N

L.C.P.
L 0+00 S
L 2+00 S
L 4+00 S
L 6+00 S
L 8+00 S
L 10+00 S
L 12+00 S
L 14+00 S
L 16+00 S
L 18+00 S
L 20+00 S

4000

3500

1?
2?

?

Approximate Claim Perimeter

N

100m 0 100 200 300 m

Scale in meters

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,291

LEGEND

IP anomaly from A.R. 3777

assumed geological contact

area of outcrop

helicopter pad

swampy area

2 Jurassic and/or Cretaceous:
Porphyritic hornblende - biotite granodiorite

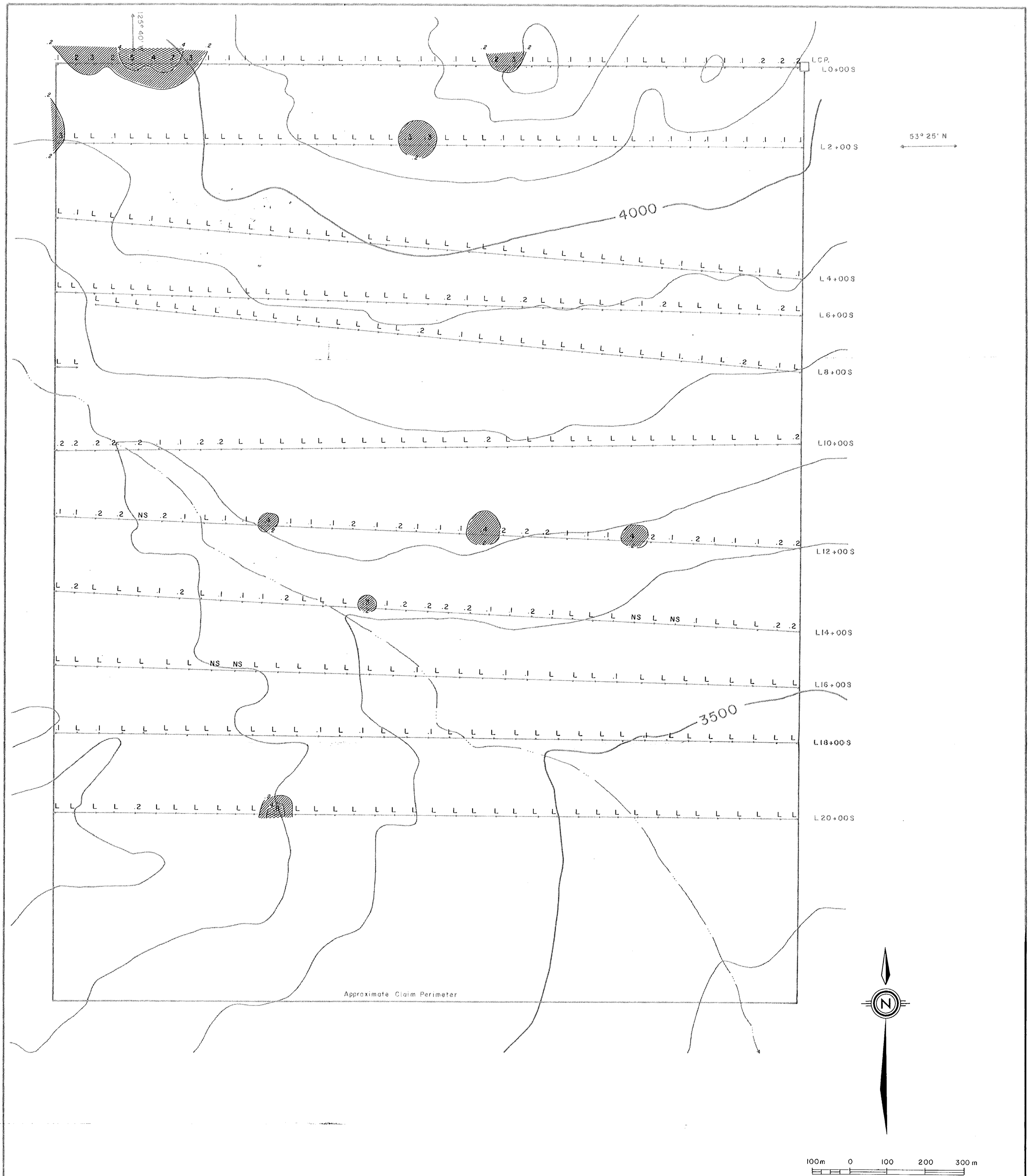
1 Triassic and Lower Jurassic:
Takla Volcanics; Flows of dark green to purple andesite and light colored rhyolite.
Desseminated pyrite common.

To accompany report by: H.J. KEYSER, B.Sc.

COLOSSAL ENERGY INC.
ANN-S CLAIM
Omineca Mining Division, B.C., 93F/5

GEOLOGY AND TOPOGRAPHY

J.G. Ager Consultants Ltd. | Date: APR./84 Scale: 1:5,000 | FIGURE 3



LEGEND

—•—	soil sample location
	background and possibly anomalous; < 0.2 ppm Ag
	probably anomalous; 0.2 - 0.4 ppm Ag
	definitely anomalous; > 0.4 ppm Ag
NS	no sample
L	less than 0.1 ppm

To accompany report by: H.J. KEYSER, B.Sc.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,291

COLOSSAL ENERGY INC.

ANN-S CLAIM

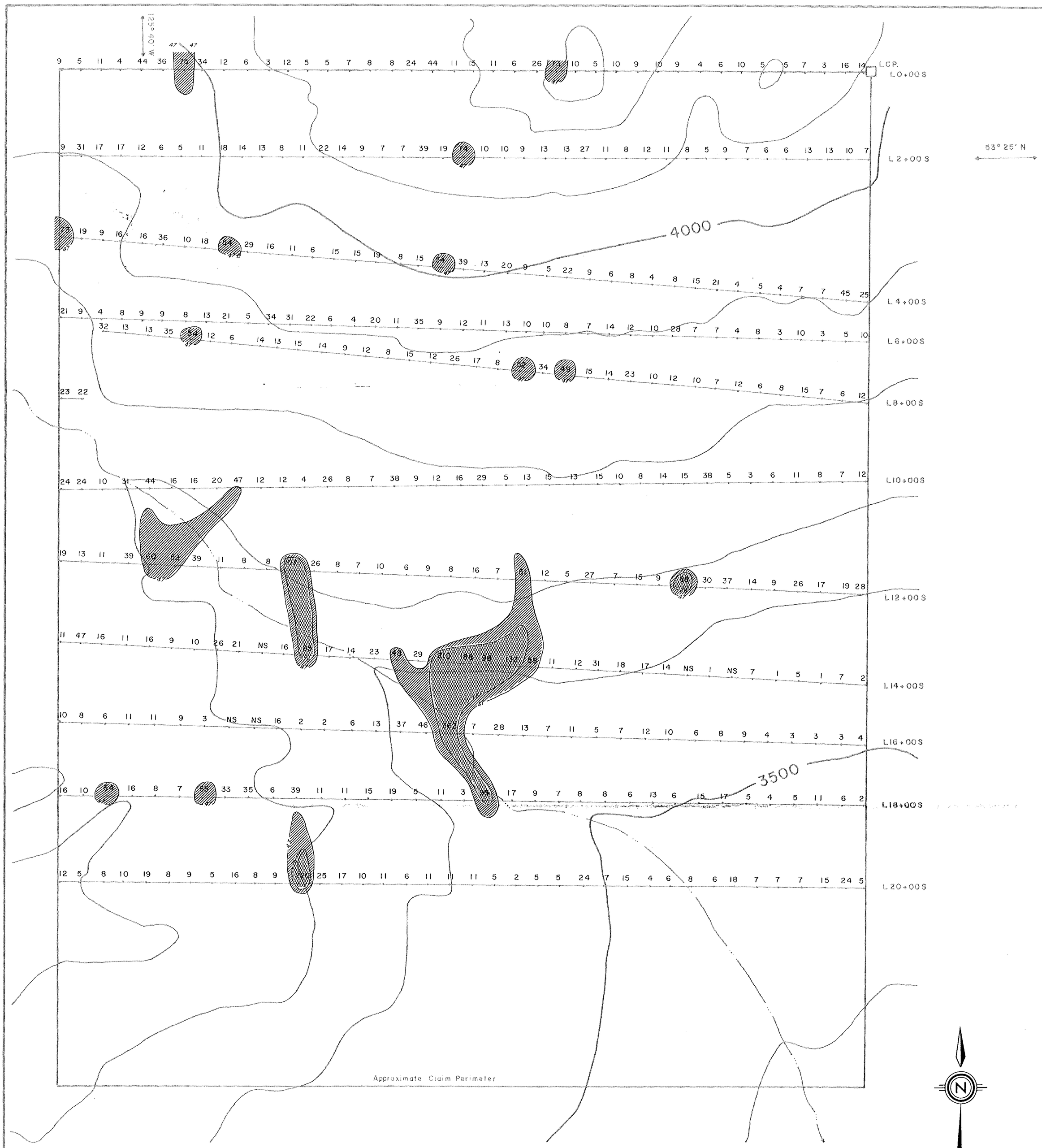
Omineca Mining Division, B.C., 93F/5

SOIL SAMPLE GEOCHEMISTRY

SILVER

RESULTS IN PPM

J.G. Ager Consultants Ltd.	Date: APR./84 Scale: 1:5,000	FIGURE 4



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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LEGEND

soil sample location

background and possibly anomalous; < 47 ppm Cu

probably anomalous; 47 - 76 ppm Cu

definitely anomalous; > 76 ppm Cu

NS no sample

To accompany report by: H.J. KEYSER, B.Sc.

COLOSSAL ENERGY INC.

ANN-S CLAIM

Omineca Mining Division, B.C., 93F/5

SOIL SAMPLE GEOCHEMISTRY

COPPER

RESULTS IN PPM

J.G. Ager Consultants Ltd.	Date: APR./84 Scale: 1:5,000	FIGURE 5

125° 40' W

53° 25' N

LCP.

L 0+00 S

L 2+00 S

L 4+00 S

L 6+00 S

L 8+00 S

L 10+00 S

L 12+00 S

L 14+00 S

L 16+00 S

L 18+00 S

L 20+00 S

4000

3500

Approximate Claim Perimeter

N

100m 0 - 100 200 300 m

Scale in meters

LEGEND

—•—	soil sample location
	background and possibly anomalous; < 7 ppm Mo
	probably anomalous; 7 - 12 ppm Mo
	definitely anomalous; >12 ppm Mo
NS	no sample
L	less than 1 ppm Mo

To accompany report by: H.J. KEYSER, B.Sc.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,291

COLOSSAL ENERGY INC.

ANN-S CLAIM

Omineca Mining Division, B.C., 93F/5

SOIL SAMPLE GEOCHEMISTRY

MOLYBDENUM

RESULTS IN PPM

J.G. Ager Consultants Ltd.	Date: APR./84 Scale: 1:5,000	FIGURE 6

LCP

L 0+00 S

L 2+00 S

L 4+00 S

L 6+00 S

L 8+00 S

L 10+00 S

L 12+00 S

L 14+00 S

L 16+00 S

L 18+00 S

L 20+00 S

53° 25' N

25° 40' W

4000

3500

Approximate Claim Perimeter

N

100m 0 100 200 300 m

Scale in meters

LEGEND

soil sample location

background and possibly anomalous; < 17 ppm Pb

probably anomalous; 17 - 24 ppm Pb

definitely anomalous; > 24 ppm Pb

NS no sample

To accompany report by: H.J. KEYSER, B.Sc.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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COLOSSAL ENERGY INC.

ANN-S CLAIM

Omineca Mining Division, B.C., 93F/5

SOIL SAMPLE GEOCHEMISTRY

LEAD

RESULTS IN PPM

J.G. Ager Consultants Ltd.	Date: APR./84 Scale: 1:5,000	FIGURE 7

125° 40' W

53° 25' N

L 0+00 S
L 2+00 S
L 4+00 S
L 6+00 S
L 8+00 S
L 10+00 S
L 12+00 S
L 14+00 S
L 16+00 S
L 18+00 S
L 20+00 S

4000

3500

Approximate Claim Perimeter

100m 0 100 200 300 m

Scale in meters

LEGEND

- soil sample location
- background and possibly anomalous; < 85 ppm Zn
- probably anomalous; 85 - 119 ppm Zn
- definitely anomalous; > 119 ppm Zn
- NS — no sample

To accompany report by: H.J. KEYSER, B.Sc.

COLOSSAL ENERGY INC.

ANN-S CLAIM

Omineca Mining Division, B.C., 93F/5

SOIL SAMPLE GEOCHEMISTRY

ZINC

RESULTS IN PPM

J.G. Ager Consultants Ltd.	Date: APR./84 Scale: 1:5,000	FIGURE 8