83-#959-#12355
8/84 ff

GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

CARIBOU CLAIMS 3 AND 4

SLOCAN MINING DIVISION

N.T.S. 82F/13

117° 39' W 49° 60' N

FOR

MEGALINE RESOURCES LTD.

AND

SEYMOUR RESOURCES LTD.

BY

T.R. STOKES

(Under the Direction of F.M. Smith, P.Eng.)

SEPTEMBER, 1983

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS

SUMMARY

A reconnaissance geochemical and geological survey was completed on Caribou 3 and 4. Eight anomalous areas were outlined and are listed as follows in order to favourability:

Anomaly 1 - 200 m ENE trending gold soil anomalous zone with associated syenitic porphyry flow and skarn areas.

Anomaly 2 - Anomalous Ag/Au soil and rock chip samples of 200 m distance down E-W trending gully below Hailstorm prospect.

Anomaly 3 - Two Au/Ag anomalous samples on side of ridge possibly associated with known gold anomaly on ridge.

Anomaly 7 - Two Ag/Au anomalous values possibly connected with presence of a shear zone.

Anomalies 4, 5,& 6 - Sub-anomalous gold and silver values present.

It is recommended that further work be concentrated on anomaly 1 in the form of overburden stripping (switchback road), extension of soil grid westwards, detailed rock geochemistry and geological mapping. Further detailed geochemistry and geological mapping should be done over the other anomalous areas.

INTRODUCTION

A five week reconnaissance program of soil geochemistry, rock chip geochemistry and geological mapping was carried out on the Caribou Claim 3 and 4 over a period of three months at the request of Megaline Resources Ltd. and Seymour Resources Ltd.

The object of the program as a reconnaissance survey was to locate any gold-silver mineralization, and on finding any favourable areas set up targets for detail grid/rock geochemistry, trenching and drilling.

The program was based out of Nakusp (Figure 1) situated approximately 25 km north-northeast of the property.

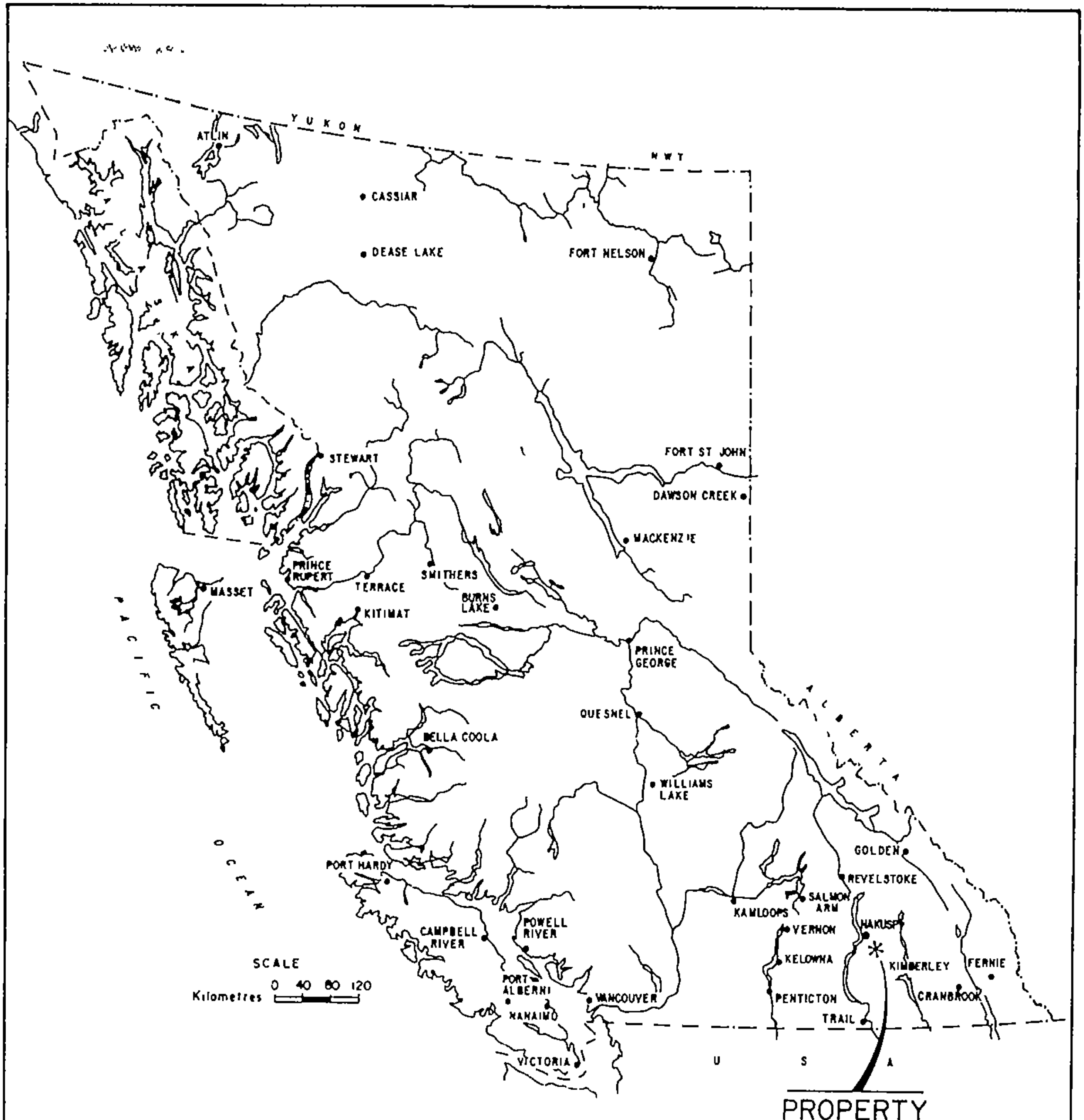


FIGURE 1

MEGALINE RESOURCES LTD.
SEYMOUR RESOURCES LTD.

CARIBOU 3 & 4
SLOCAN MINING DIVISION, B.C

LOCATION MAP

KILOMETERS
0 100 200 300

F MARSHALL SMITH, P. ENG

SCALE 1 : 8,000,000 | DATE NOV 1983

LOCATION AND ACCESS

The legal corner post for Caribou 3 and 4 mineral claims is situated on the east side of the west fork headwaters of Caribou Creek (Figure 2) at about 49° 59' 50" N latitude and 117° 39' 15" W longitude on claims sheet 82F/13E, in the Slocan Mining Division, British Columbia. The Caribou Group covers the headwaters of the west fork of Caribou Creek and portions of the headwaters of Londonderry Creek.

The only road access to the claims is by good quality logging roads to the west fork of Caribou Creek along the immediate east side of the valley up to 1,840 m elevation at the south end (main line) and about 2,000 m elevation at the top of the clear cuts along the east side of the valley. This access commences at the Shannon Creek road at B.C. Highway 6 at the Valhalla Resort turn off, at the north end of the Slocan Lake, travels westerly until it crosses the headwaters of Shannon Creek to the east flank of Caribou Creek where it turns southward to the headwaters area, for a total of 7 km of forest access road.

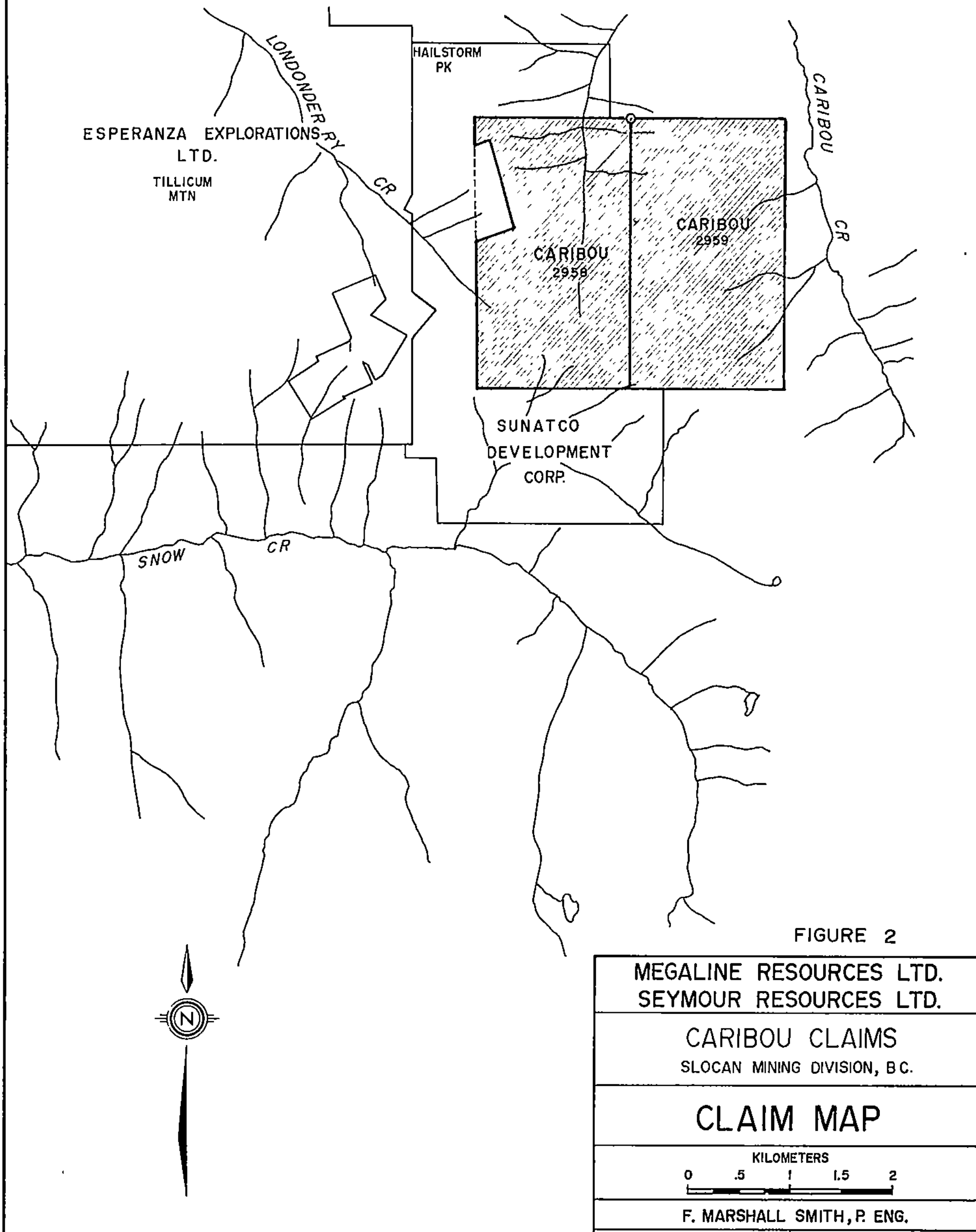


FIGURE 2

MEGALINE RESOURCES LTD.
SEYMOUR RESOURCES LTD.

CARIBOU CLAIMS

SLOCAN MINING DIVISION, B.C.

CLAIM MAP

KILOMETERS
0 .5 1 1.5 2

F. MARSHALL SMITH, P. ENG.

SCALE: 1:50,000 | DATE: NOV. 1983

PHYSIOGRAPHY AND VEGETATION

The claims cover a north-south ridge between the main and west fork headwaters of Caribou Creek and the east-west ridge that forms the divide between Snow Creek on the south and the Caribou Creek drainage. Portions of the ridge walls on the claims consists of short (10-30 m) cliffs and steep rock bluffs, with the remainder of the slopes and valley floors covered with glacial till.

The north portion of the Caribou mineral claims are well forested with a thick cover of balsam, fir and minor cedar. The east side of the west fork of Cribou Creek has two clear-cut logged areas with a total of 100 hectares cleared of trees. The upper ridges and the peak in the south central portion of the claims are free of forest especially in large snowslide scarred areas.

CLAIMS

The Caribou Mineral Claims at the date of examination were staked and recorded in the name of Alex Strebchuk of Hills, B.C. The claims are as follows:

CLAIM NAME	UNITS	TOTAL	RECORD NO.
Caribou 3	3W 6S	18	2958
Caribou 4	3E 6S	18	2959

To date these claims have not been accurately surveyed but are approximately as shown on Figure 2.

HISTORY OF PREVIOUS WORK

The earliest recorded work on Hailstorn Ridge, immediately to the west of Caribou, lists small shipment of "ore" (without assay) in 1899 (BCMM:P601). In 1901, Walter Scott, Mining Recorder for Arrow Lake Mining Division reported work on the Hailstorm and 3 other claims.

"Work done consists of stripping the vein, which has a width of 8 feet and assays 286 oz silver per ton and 1.20 oz gold per ton."

Major work on the ridge was undertaken in 1929 by Consolidated Mining and Smelting Company (now Cominco) as detailed below (Pg.-C342:BCMM 1929).

"This property, comprising three Crown-granted claims and four staked by the company, is situated on the divide between the headwaters of Canyon and Caribou Creeks at an elevation of between 6,000 and 7,300 feet above sea level. The claims are reached by road to Dusty's camp, 10 miles up Caribou Creek from Burton City in a north-easterly direction, and thence by an 8-mile trail up Canyon Creek to the camp at 6,700 feet elevation. Early in 1929 the Consolidated Mining and Smelting Company of Canada took the property under option and worked throughout the summer and fall months in exploring the showings that have been developed in a small way by past owners on the summit of the ridge. The work was discontinued in December, due to winter conditions, and it is expected that further exploration work will be done by the company in the spring of 1930.

The country rocks are granites and quartzites and on the summit of the ridge an outcrop of oxidized calcite has been opened up by trenching. On the Caribou Creek slope a short tunnel in a westerly direction has penetrated the mineralized calcite at a depth of 25 to 30 feet and channel samples across a width of 25 feet gave returns varying between 15 and 50 oz/ton silver, with an average for the entire wide approximately 20 oz in silver.

To further explore this surface showing opened by the short tunnel (35 feet) it was decided to drive a crosscut from the Canyon Creek side of the ridge to gain a depth of 300 feet showing, and during 1929 a total of 899 feet of crosscutting and drifting was done by the twelve to fifteen men employed. The results in the lower crosscut at 7,000 feet elevation are not yet conclusive and the exploration work is to be resumed in the spring."

The continuation in 1930 is described on BCMM 1930, pg.A263 as below:

"Development work at this group of seven claims, situated on the divide between Canyon and Caribou Creeks was resumed early in the year by the Consolidated Mining and Smelting Company of Canada, Limited, and continued until the late fall, when the crew with all equipment was withdrawn.

An appreciable footage or underground crsscutting, drifting, and raising from the 7,000-foot level bescribed in the 1929 Annual Report met with discouraging results. The downward extension of the favourable oxidized calcite-silver-bearing mineralization exposed on the surface working was not found and the option on the property has been dropped as a consequence."

There is no further work recorded for the area on or near the Caribou claims. Alex Strebchuk has completed minor hand trenching in the western portion of Caribou 4 in a zone of skarn rich in sulphides. There is no known trenching on the eastern side of Caribou. It has been reported that an old prospect exists on the property on the northern ridge of Caribou 4 called the 'Caribou' or 'old caribou' mine. According to Alex Strebchuk and the March 9th, 1983 issue of Arrow Lake News this prospect is an old gold/silver occurrence. No mention of this prospect was found at either the Kalso or Nelson Mining Recorders office. Also it is not listed in the B.C. mineral occurences inventory therefore it can be assumed that there is no written literature on the prospect.

GEOLOGY

Regional Geology

Mapping by D.W. Hyndman in 1961 and '62 at 1" to 1 mi (map 1234A, GSC Bull 161) has the Caribou Claims within a belt of rocks described as Milford Group of pre Jurassic Age with major intrusions to the east through to the southeast (Snowslide Creek Stock) and to the north and northwest (Goat Canyon Creek Stock). The Milford Group designation, according to Hyndman, is based more on the degree of metamorphic alteration than any dating by marker beds, gross composition or lithology, fossil or radiometric dating. This group of rocks are described as predominently pelitic schists and calc-silicate bearing metasedimentary rocks with "limestone" in less altered terrains. The unit forms a large arcuate outcrop from Shannon Lake in the northeast, southwest to Snow Creek and north to Tillicum Mountain on the west.

The Milford Group of mixed sedimentary and apparently volcanic rocks appears to be much richer in volcanic flows, tuffs and subaqueous volcano-clastic rocks than proposed by Hyndman. Volcanic sediments and flows have been located on the east side of Caribou Creek south of the Shannon Lake Stock, on Hailstorm Ridge, at Tillicum Mountain and in the lower portion of the west fork of Caribou Creek.

The geological series in the district appears to be from oldest to youngest (within the sedimentary and volcanic rocks) with Hyndman's units in brackets.

1. "Kaslo" (unit 9) andesites and basalts as flows with "Milford" sedimentary rocks conformable at the contact.

2. "Milford" (7, 6A, 6B) as Unit 7S principally black argillites, with pyrite and pyrrhotite, and varying amounts of calcareous argillites and siliceous limestone interbeds.

Unit 7vs

Mixed simple sedimentary members or lentils within volcano-sedimentary wackestone, tuffs, argillaceous tuffs and limy tuffs.

Unit 7v

Principally lenticular porphyritic flows ranging in composition from syenite (foliated) to glassy grey porphyritic albite dacite, to grey to black diorites and occasionally sheets of porphyritic grey quartz monzonite. Related to the sheets are a rare lenticular rubble tuff unit with similar composition to Unit 7vabove but lacking the 7vs and the sedimentary (tuffaceous) version of 7vs.

3. Intrusives: (Units 19 and 18) Unit 19a commonly has dykes in its walls and ceiling with weakly chilled walls but intense local amphibolization of sediments or volcanic flows. Unit 18 makes tight high temperature skarns and has a few dykes in it ceiling with significantly less altered wall rocks than Unit 19a dykes.

Local Geology

Geological mapping was carried out on a scale of 1:10,000 control being obtained by use of a 1:10,000 aerial photograph.

Two major geological groups divided the area. The Triassic metavolcanic and metasedimentary Milford group, and the Jurassic Snowslide Creek quartz-monzonite to granodiorite intrusive stock. Another minor unit transects both groups this is a more recent (tertiary) lamprophyre dyke unit.

The Milford group can be divided into three units and are as follows:

Porphyry flow unit (Hyndman's 7v) divisible into:
1, a dark green andesitic type flow with felsic phenocrysts (very easily confused with lamprophyre dyke unit).
1a, a light grey-pink dacite/syenitic flow with coarse albitic phenocrysts (only seen at southern end of Hailstorm Ridge).
1b, fine-medium grained white felsic unit with minor mafics, granitic to aplitic in appearance.

Volcano-Sedimentary unit (Hyndmand's 7vs) divisible into:
2, Dark green to light grey, massive, fine grained. The precursor of this unit is difficult to distinguish because the fine grained nature of this unit and the degree of metamorphism (amphibolite grade). Presumably the precursor could have been some type of tuff or fine grained lava flow. Within this unit limy horizons are occasionally found.
2a, White to light grey, fine grained, banded. Metamorphosed, probably of volcano-sedimentary origin.

Units (Hyndman's 7s) interbedded with the volcano-sedimentary unit. These rocks are considerably altered especially close to the intrusive contact, and can be divided into two types:
3, Altered skarn
4, Black foliated argillite.

The Snowslide intrusive stock sharply cuts the Milford group in the south and eastern parts of the property. At least two phases of intrusion are seen and possibly three, giving the intrusive a variety of composition from quartz monzonite to granodiorite. Sharp contacts are seen between these phases. In most cases the intrusive is a leucocratic medium-coase grained rock with 5-10% mafics. Variation in composition occurs with differing amounts of quartz and types of feldspar. (Geology map unit Q).

The intrusive contact is sharp with little intense alteration and large scale contortions (relatively slow emplacement). In some places xenoliths of the Milford group are seen, and in others, small plugs of intrusive are seen surrounded by the Milford group.

Crosscutting both the Snowslide intrusive and the Milford group are dark green, highly mafic, medium to coarse grained lamprophyre dykes trending in a NNE to NE direction. (Geology map unit I). These vary in width from 1 m to 10 m, and in length from 10's m to 100's m. The contacts with the surrounding rock are usually very sharp. Aplitic dykes are also seen to crosscut the Milford Series (in basin SE of Caribou west fork).

Some large scale faulting (latest geological event) is present and is clearly seen along the ridge at the southern end of the property. These trends of these faults vary from NNE to ENE and could have some association with the lamprophyre.

Mineralization

Three types of mineralization possibly occur on this property:

1. Sulphide and gold mineralization associated with intrusive

contact and intrusive phases.

2. Sulphide and gold mineralization associated with skarns and porphyry flows.

3. Sulphide and gold mineralization associated with fault structures.

On mapping the property the main area of interest with regards to mineralization is next to the intrusive contact (zone A) within this zone the Snowslide intrusive is in contact with skarny horizons of the Milford group. These horizons vary from 1 - 4 m thick and contain up to 2 - 5% molybdenite, pyrrhotite, pyrite up to 5 - 10%, and minor chalcopyrite and shalerite. These skarns are interbedded with black argillite and 7vs zones. The skarns are medium to coarse grained and brownish in colour with varying amounts of garnet, diopsite, actinolite and calcite. At least three or four zones were found along the contact area. These zones were chip sampled but gave no values for gold and silver.

In the southwest of the west fork of Caribou Creek (zone B) minor pyrite and in places intense limonite staining is found, but no skarn zones.

On the end of Hailstorm Ridge known syenitic flows occur but with no Au or Ag values from rock chip samples.

GEOCHEMISTRY

Survey Procedure

As of August 30th, 1980, a total of 409 soil samples, 80 rock chip samples and 19 pan samples were taken over the Caribou Claims. The soil samples were taken at 50 m to 75 m intervals along the major contours (i.e. 800 m, 900 m, etc.). The rock chip samples were taken up the gullies below the Hailstorm Ridge prospect and across and contact or skarn zones.

Each soil sample was obtained from a depth of 10-25 cm within the B horizon. The sample was then placed in a brown, wet-strength, 10 X 24 cm bag (gusset bag) and the sample number marked thereon. The 19 pan samples were concentrated heavies from panning stream sediments. These were then placed in gusset bags or larger heavy duty plastic bags depending on quantity of material.

Testing Procedure

All samples were tested by Min En Laboratories Ltd. of North Vancouver, B.C. Sample preparation involved drying, pulverizing and pulping (rather than seiving). Every soil and rock chip sample was analyzed for Pb, Zn, Ag and Au. For Pb, Zn and Ag perchloric and nitric acid digestion was used, followed by atomic absoption. Metal values were measured in parts per million (ppm). For Au an aqua regia digestion was used followed by atomic absoption. Au values were measured in parts per billion (ppb).

DISCUSSION OF RESULTS

(Map 2)

In order to evaluate the data the following sub-anomalous and anomalous values were used (as advised by F.M. Smith):

	Sub-Anomalous	Anomalous
Au	40 ppb	125 ppb
Ag	1.3 ppm	2.5 ppm

Eight possible anomalous areas were discovered and are as follows:

Anomaly 1: Two anomalous samples C3121 and C3092 occur on the east side of Hailstorm Ridge and have values of 170 ppb Au and 120 ppb Au respectively. A 350 m X 400 m detailed sample grid was laid out over this anomaly (Figure 4 & 5) and delineates two possible gold zones, possibly trending in an ENE direction. One zone appears up to 200 m long, both have supporting silver values. (Further discussion of grid in separate section [Appendix II]).

Anomaly 2: Another two anomalous samples C3127 and C3128 occur together on the east side of Hailstorm Ridge and have values of 1.4 ppm Ag, 550 ppb Au and 19.5 ppm Ag, 125 ppb Au respectively. These values are very close to the crown grants and could be caused by a known Au/Ag rock chip anomaly on top of the ridge.

Anomaly 3: Both rock chip and soil samples are anomalous in both Au and Ag within this area. The anomalous soil values are probably caused by the known Ag/Au Hailstorm Propspect on the ridge above. The rock chip anomalous values must be caused by some type of mineralization in SITU.

Anomaly 4: Visible gold was reported here by Alex Strebchuk and a detailed grid was laid out on the slope above.

Anomaly 5: One sub-anomalous sample was found here at C3164 with a value of 60 ppb Au. A small detail grid was laid out over this sample extending northwards covering a previously unsampled area.

Anomaly 6: One rock chip sample, C7014, in the southeast corner of the property reported a value of 65 ppb Au. The sample is located in a gully and possible shear zone, this area should be investigated further.

Anomaly 7: Within this area two samples H6109 and H6110 reported values of 22.7 ppm Ag, 50 ppb Au and 1.5 ppm Ag, 5 ppb Au respectively. These samples occur close to a fault zone and possible skarn area.

Anomaly 8: Six sub-anomalous Ag samples occur towards the southwest corner of the property but only report values between 1.3 and 1.5 ppm Ag. This should not be considered an area of high interest.

Anomaly 9: (Figure 6) Seven areas with greater than 50 ppb Au are outlined on the western edge of the property. This information was obtained from La Teko and Esperanza news report in the September 7th, 1983 Arrow Lake News.

CONCLUSIONS

From the geological and geochemical work done two types of gold and silver mineralization seem apparent.

1. Ag/Au fault type mineralization at anomalies 7 and 6.

2. Ag/Au porphyrite flow type mineralization at anomalies 1, 2, 3 and possibly 5.

All the above anomalies mentioned have favourable geological environments associated with geochemical anomalous and sub-anomalous values.

Contact mineralization is also present southeast of the property with anomalous molybdenite values found in altered skarns along the edge of the Snowslide intrusive.

RECOMMENDATIONS

From geochemistry and geological mapping done to date nine interesting anomalous area have been discovered and following further work is recommended.

Anomaly 1: Further soil geochemistry should be done in a similar pattern to the west of the prsent grid in order to cover the western part of the anomalous area. on the other side of the ridge down towards anomaly 9, also extend grid northwards. Stripping of the overburden from the anomalous area on the grid should be carried out, with an associated road. This should be followed by further rock geochemistry and geological mapping. If favourable results are obtained trenching and drilling should follow.

Anomaly 2: Further detailed soil sampling and geological mapping should be done to determine whether the anomalies were caused by the known rock chip anomaly on the ridge.

Anomaly 3: Further detailed rock chip geochemistry is recommended with associated detailed geological mapping. (Soil sampling should be avoided because of contamination from the Hailstorm Prospect.).

Further detailed geochemistry and mapping should be carried out over anomalies 6 and 7 (and possibly 4 and 5 results pending).

REFERENCES

Hyndaman, D.W., (1961), Geology of Nakusp, Kootenay District. G.S.C. Bulletin 161, Map 1234A.

Smith, F.M., (1982), Report on the Caribou Creek Property for Megaline Resources Ltd. and Seymour Resources Ltd.

Sections of F.M. Smith used in this report as follows: Location and Access, Physiography and Vegetation, Claims, History of previous Work and Regional Geology.

APPENDIX I

Geological Results

COMPANY: Grey Wolf Mtn.

PROJECT No.: C

ATTENTION: M. Smith

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 3-521

DATE: July 18 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
C 3110	6	41	13	170			0.8					10
11	3	82	17	273			1.0					5
12	1	35	14	55			0.5					5
13	1	24	14	55			0.5					<5
14	2	39	19	118			0.6					5
15	1	40	16	100			1.0					5
16	1	40	15	144			0.8					<5
17	3	43	13	140			0.7					5
18	1	30	14	147			0.7					5
19	1	39	12	104			0.9					5
20	1	41	16	124			0.8					<5
21	1	23	21	115			0.7					170
22	1	19	30	165			0.7					10
23	1	21	19	103			0.6					5
24	1	27	33	177			0.8					10
25	2	24	16	101			0.8					30
26	1	29	45	148			0.6					30
27	1	33	15	111			1.4					550
28	1	108	38	249			19.5					125
29	4	96	19	116			1.6					5
30	2	60	13	102			0.8					5
31	1	41	11	50			1.1					10
32	1	71	22	133			1.4					5
33	2	195	22	150			5.0					50
34	2	79	21	118			1.1					5
35	2	83	17	174			1.2					5
C 3136	1	77	25	127			2.8					15
C 1325	1	43	12	113			0.9					5
26	1	31	11	112			0.8					5
C 1327	1	35	12	95			1.3					5

COMPANY: Grey Wolf Mtn.

PROJECT No.: C

ATTENTION: M. Smith

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 3-521

DATE: July 18 1983.

Sample. Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
C 1328	1	25	13	108			1.0					10			
29	7	34	14	147			0.9					5			
30	6	44	23	93			1.0					5			
31	6	23	24	130			0.8					75			
32	2	29	22	88			0.9					5			
33	1	64	184	94			0.9					5			
34	1	37	30	121			0.8					10			
35	1	39	20	90			0.8					5			
36	1	41	18	81			0.8					5			
37	1	36	14	79			0.6					5			
38	2	30	16	55			0.6					10			
39	1	167	25	197			1.6					10			
40	1	44	17	159			0.8					5			
41	1	75	17	114			0.9					5			
42	1	58	19	109			1.1					5			
43	1	37	11	53			0.5					5			
44	1	56	13	65			0.7					5			
45	1	34	14	56			0.8					10			
46	1	68	17	87			2.2					50			
C 1347	1	72	14	82			1.3					15			
C 4054	4	60	21	241			1.0					5			
55	4	52	17	162			1.0					5			
56	1	34	11	50			0.6					10			
57	1	21	14	50			0.6					5			
58	1	23	23	89			0.8					15			
59	1	37	16	82			0.7					5			
60	1	35	10	133			0.6					5			
C 4061	2	39	10	124			0.6					10			
C 4007	2	56	12	145			1.0					5			
C 4008	1	39	13	105			0.8					5			

COMPANY: Grey Wolf Mtn.

PROJECT No.: C

ATTENTION: M. Smith

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C V7M 1T2
PHONE (604) 980-5814

FILE No. 3-521

DATE: July 18 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
C 4009	2	37	12	68			0.8					10			
10	1	44	11	100			0.8					5			
11	1	49	8	42			0.4					5			
12	1	36	8	32			0.3					5			
13	2	52	13	58			0.6					5			
14	2	25	12	96			0.4					10			
15	1	26	22	72			0.6					5			
16	20	35	14	81			0.6					5			
17	17	32	14	136			0.7					5			
18	2	49	12	71			0.5					15			
19	30	47	17	162			1.1					5			
20	14	91	15	161			1.1					5			
21	2	68	21	334			0.9					5			
22	6	87	20	357			1.3					5			
23	8	50	16	109			1.0					10			
24	no sample														
25	1	55	25	70			0.8					5			
26	1	37	13	99			0.7					5			
27	1	21	11	45			0.4					10			
28	1	28	18	81			0.5					5			
C 4029	1	40	14	58			0.7					5			
C 3137	1	39	13	81			0.7					5			
38	1	41	7	35			0.6					5			
39	1	59	14	224			0.6					5			
40	1	16	16	67			0.5					5			
41	1	49	18	129			0.6					5			
42	2	62	19	130			0.8					5			
43	16	71	14	159			0.7					10			
44	1	67	24	330			1.1					5			
C 3145	2	69	19	274			1.1					5			

CERTIFIED BY

COMPANY: Grey Wolf Mtn.

PROJECT: C

ATTENTION: M. Smith

GEOCHEMICAL ANALYSIS DATA SHEET

File No. 152

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

DATE: July 1[illegible] 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
C 3146	6	38	14	222			0.8					5			
47	9	40	14	153			1.0					5			
48	3	35	11	134			0.8					10			
49	2	26	10	52			0.5					5			
50	1	28	6	66			0.5					5			
51	1	28	16	140			0.6					5			
52	2	37	10	79			0.8					10			
53	6	38	14	165			0.7					5			
54	1	36	17	76			0.5					5			
55	4	29	195	113			0.7					20			
56	6	47	20	160			0.6					10			
57	1	48	13	135			0.4					5			
58	1	37	16	103			0.7					5			
59	1	20	11	70			0.5					5			
60	2	64	18	122			0.8					10			
61	1	60	20	109			0.9					10			
62	1	39	19	70			0.6					5			
63	1	17	15	47			0.3					5			
C 3164	1	29	16	106			0.6					60			
C 3165	1	33	16	109			0.6					10			
66	2	33	17	118			0.7					5			
67	2	27	20	117			0.8					5			
68	4	30	20	101			0.6					50			
69	1	28	17	60			0.6					10			
70	2	53	21	121			0.9					10			
71	1	64	18	115			0.8					10			
72	1	30	17	64			0.5					5			
73	2	36	14	71			0.6					10			
74	1	39	14	69			0.7					10			
C 3175	1	63	16	92			0.9					5			

CERTIFIED BY [signature]

COMPANY: Grey Wolf Mtn.

PROJECT No.: C

ATTENTION: M. Smith

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B C V7M 1T2

PHONE (604) 980-5814

FILE No. 3-521

DATE: July 18 1983.

Sample Number (6; 81–86)	Mo ppm (10; 90)	Cu ppm (15; 95)	Pb ppm (20; 100)	Zn ppm (25; 105)	Ni ppm (30; 110)	Co ppm (35; 115)	Ag ppm (40; 120)	Fe ppm (45; 125)	Hg ppb (50; 130)	As ppm (55; 135)	Mn ppm (60; 140)	Au ppb (65; 145)	(70; 150)	(75; 155)	(80; 160)
C 3176	2	46	16	105			0.9					15			
77	1	77	28	144			6.1					15			
78	2	49	16	80			1.0					5			
79	1	49	15	80			1.0					5			
80	2	33	10	38			0.8					5			
81	1	60	13	87			1.2					10			
82	1	63	12	85			1.4					10			
83	1	72	12	103			1.1					5			
84	1	74	15	135			1.2					5			
85	2	58	42	127			1.9					10			
86	1	13	9	47			0.9					5			
87	1	19	11	51			0.8					5			
88	1	18	15	38			0.7					5			
C 3189	4	56	26	126			3.2					5			
C 4000	1	102	18	169			1.4					10			
01	2	39	19	162			1.2					5			
02	10	119	17	334			1.3					5			
03	8	49	19	173			1.1					20			
04	2	32	16	154			0.7					5			
05	1	35	15	131			0.8					5			
C 4006	3	43	18	215			1.1					10			
C 7011	1	53	34	72			0.8					5			
C 4030	16	61	20	210			1.0					5			
31	12	88	17	239			1.3					10			
32	6	45	17	232			0.9					5			
33	2	40	12	150			0.7					10			
34	1	22	12	95			0.6					5			
35	1	23	11	86			0.8					5			
36	4	16	8	65			0.6					5			
C 4037	2	23	11	109			0.7					10			

CERTIFIED BY

COMPANY: Grey Wolf Mtn.

PROJECT No.: C

ATTENTION: M. Smith

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No.: 3-527

DATE: July 18 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
C 4038	8	27	14	139			1.1					10			
39	6	25	13	103			0.9					5			
40	no sample														
41	4	33	13	87			1.0					10			
42	8	36	14	102			1.0					5			
43	4	33	17	99			1.2					5			
44	2	27	11	61			0.9					15			
45	2	38	16	111			0.9					5			
46	2	36	14	72			0.9					5			
47	1	47	13	103			0.8					10			
48	1	29	10	80			0.7					10			
49	2	45	12	64			1.0					10			
50	2	43	12	102			0.8					5			
51	1	32	12	64			1.2					5			
52	2	76	14	104			1.1					5			
C 4053	1	41	14	71			0.9					10			
C 3096	3	59	17	135			1.2					5			
97	1	34	15	161			0.9					5			
98	2	35	13	151			1.0					10			
99	2	59	10	76			0.7					5			
C 3100	1	49	10	84			0.9					15			
01	1	26	10	90			0.7					10			
02	1	61	11	82			1.1					5			
03	2	50	13	100			1.1					5			
04	1	47	15	94			1.0					5			
05	2	42	10	63			1.2					10			
06	1	102	24	50			3.6					175	✓		
07	1	48	22	140			1.5					10			
C 3108	2	61	15	88			1.4					15			
C 3081	3	44	13	127			1.2					5			

CERTIFIED BY: [signature]

COMPANY: Grey Wolf Mtn.

PROJECT No.: C Cariboo

ATTENTION: M. Smith

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST, NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 3-521

DATE: July 1 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
C 3082	1	43	16	286			1.4					5			
83	4	112	21	326			1.3					5			
84	2	42	16	227			1.5					10			
85	2	33	18	152			1.0					5			
86	2	32	13	107			0.6					5			
87	1	37	16	129			0.9					5			
88	4	33	17	129			0.9					10			
89	2	39	15	119			1.0					5			
90	2	32	19	131			1.0					5			
91	1	28	22	132			1.0					30			
92	2	26	22	125			1.1					120 ✓			
93	1	27	24	108			1.0					40			
94	1	20	20	63			0.5					5			
C 3095	2	15	15	122			0.7					5			

COMPANY: Ore Vol Mt.

PROJECT No.: C

ATTENTION: M. Smith

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 3-521

DATE: July 1 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
C 4077	1	19	14	116			1.0					5
78	1	124	12	61			0.6					5
79	1	73	20	88			1.0					<5
80	1	71	38	90			1.4					5
81	1	74	12	89			1.0					5
82	1	45	14	87			1.2					5
83	2	38	12	73			0.8					5
84	1	56	11	99			0.8					10
85	1	69	12	117			1.6					5
86	1	18	9	54			0.6					10
87	2	42	10	85			1.0					5
88	1	122	44	68			10.2					10
C 4089	2	256	260	354			24.5					300

COMPANY: Grey Wolf Mtn.

PROJECT No.: C Cariboo

ATTENTION: M. Smith

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 3-521

DATE: July 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
C 5000	4	76	12	127			1.0					5			
01	4	67	10	138			0.4					15			
02	5	110	18	159			0.6					5			
03	160	42	11	185			0.4					5			
04	28	54	12	207			0.6					5			
05	56	28	8	54			0.3					10			
06	1	61	10	107			0.4					5			
07	6	71	14	71			0.8					5			
08	24	19	10	69			0.4					10			
09	5	27	12	107			0.6					5			
C 5010	6	61	10	439			0.6					10			
C 4062	1	24	11	55			0.3					5			
63	1	20	16	72			0.5					15			
64	1	12	10	31			0.4					5			
65	1	21	14	62			0.6					5			
66	18	54	13	273			0.6					10			
67	8	48	16	158			1.0					5			
68	1	32	9	56			0.3					5			
69	20	63	10	284			0.9					15			
70	1	78	12	86			1.3					5			
71	1	39	11	66			0.8					10			
72	1	26	12	128			0.5					5			
C 4073	1	24	9	94			0.2					5			
C 6001	2	78	14	268			1.0					10			
02	1	41	8	65			0.6					5			
C 6003	4	79	20	381			1.4					10			
C 7001	1	85	14	189			0.8					5			
02	1	32	14	217			0.6					15			
03	2	71	10	541			1.2					5			
C 7004	1	62	16	220			0.6					5			

COMPANY: Grey Wolf Mtn.

PROJECT No.: C

ATTENTION: M. Smith

GEOCHEMICAL A[illegible]YSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

3-521

DATE: July 18 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
C 7005	1	41	24	125			0.4					15			
06	2	33	12	170			0.2					5			
07	2	43	11	303			0.4					10			
08	15	530	30	556			0.8					5			
09	1	78	7	39			0.2					5			
10	1	39	12	96			0.4					10			
12	1	58	28	76			0.4					5			
13	1	23	6	15			0.4					5			
14	1	46	8	94			0.4					65			
C 7015	1	8	6	4			0.3					10			
C 5012	1	32	10	30			1.0					10			
13	1	13	10	75			0.6					5			
14	1	82	12	36			2.6					25			
15	1	48	9	73			0.8					5			
16	2	102	16	192			5.2					650	✓		
17	1	57	17	116			1.0					5			
18	1	15	16	47			2.3					5			
19	8	78	13	327			1.0					15			
20	14	66	14	37			3.9					10			
21	1	83	12	66			1.2					5			
C 5022	2	51	8	70			1.0					5			

CERTIFIED BY

COMPANY: Grey Wolf Mtn.

PROJECT No.: C [illegible]

ATTENTION: M. Smith

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No.: 3-521

DATE: July 18 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
C 5023	4	104	20	91			2.6					20
C 5011	2	109	15	38			1.4					5
C 7016	2	25	12	20			0.4					5
17	1	24	10	20			0.3					10
C 7018	1	21	20	44			0.4					5
C 5050	1	44	10	32			0.6					5
51	1	102	10	18			1.0					15
52	6	52	14	94			0.6					10
53	2	70	12	52			0.6					5
54	3	12	12	39			0.5					5
55	1	57	10	34			1.6					5
56	2	83	14	168			1.0					10
57	1	11	6	13			0.6					5
58	1	23	8	53			0.2					5
59	1	37	8	32			0.3					5
60	1	29	6	26			0.2					10
61	1	84	6	20			0.6					5
62	1	18	12	48			1.2					30
63	8	25	6	31			0.5					15
64	1	43	24	800			0.8					5
C 5065	1	15	10	83			0.4					5
C 6005	1	40	12	65			0.6					10
06	1	78	10	85			0.6					15
07	1	9	18	16			0.2					5
08	2	28	13	110			0.4					10
09	6	20	9	52			0.6					5
C 6010	2	58	19	72			1.3					5
C 4074	1	119	10	48			0.8					5
75	1	72	8	30			0.8					10
C 4076	1	84	12	108			1.2					5

COMPANY: Grey Wolf Mtn.

PROJECT No.: W, C, T, CB

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

File No. 3-792

DATE: Sept. 2, 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
A 5212			26	117			1.0					5	?		
C 3217			17	120			1.2					10			
18			20	146			2.2					5			
19			24	125			1.8					40			
20			22	113			1.6					125			
21			22	104			1.4					10			
22			18	96			0.9					5			
23			20	75			0.8					10			
24			26	100			1.2					5			
25			16	84			1.1					10			
26			18	64			0.9					20			
27			18	53			0.8					25			
28			14	72			0.9					5			
29			20	70			1.0					70			
30			18	114			1.2					5			
31			17	139			1.1					10			
32			20	98			1.1					5			
33			18	84			0.6					10			
34			14	96			1.0					5			
35			33	132			1.0					45			
36			24	110			1.1					10			
37			23	119			1.0					5			
38			20	118			1.3					5			
39			19	130			1.1					10			
40			18	175			1.2					5			
41			24	107			1.0					20			
42			20	85			1.0					50			
43			19	83			0.9					10			
44			22	95			1.2					5			
C 3245			18	70			1.0					5			

CERTIFIED BY

No. 3-792

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

PROJECT W,C,T,CB

DATE Sept. 2, 1983.

ATTENTION:

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
C3246			20	67			1.2					5			
47			19	68			1.3					10			
48			18	90			0.8					5			
49			16	120			1.0					5			
50			20	124			0.9					10			
51			24	113			0.9					5			
52			22	124			1.0					10			
53			24	118			1.4					10			
54			26	88			1.3					5			
55			20	100			1.8					20			
56			22	122			1.4					15			
57			15	109			0.9					10			
C3258			15	140			1.0					10			
W8000			18	67			0.7					5			
02			16	110			0.8					5			
03			23	80			1.0					15			
04			16	247			8.8					10			
05			22	104			0.8					5			
06			12	49			0.7					10			
07			23	21			0.6					10			
08			10	32			0.7					10			
09			17	46			0.6					5			
10			14	49			0.4					20			
11			24	18			0.3					15			
12			22	17			0.4					10			
13			20	86			0.8					5			
15			16	36			0.6					5			
17			6	60			0.2					5			
W8018			26	59			0.6					5			
W8005A			20	101			1.0					5			

CERTIFIED BY

COMPANY: Grey Wolf Mtn.

PROJECT No.: W, C, T, CB

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

File No. 3-792

DATE: Sept. 2, 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
CR 5			8	35			0.5					10			
A 8050			16	141			1.4					5			
51			17	112			0.6					5			
52			13	103			0.8					10			
53			18	163			1.0					5			
54			14	98			0.6					10			
55			16	102			0.4					15			
56			13	117			0.6					5			
57			12	145			0.7					5			
58			15	170			0.7					25			
59			14	118			0.8					5			
A 8060			14	157			1.2					5			
C 8019			22	126			1.2					10			
20			16	102			0.9					10			
21			19	98			0.8					5			
22			16	110			1.0					50			
23			18	125			0.6					5			
24			20	96			0.9					10			
25			21	111			1.0					90			
26			24	134			1.2					30			
27			36	102			0.8					5			
28			44	173			0.8					5			
29			22	151			1.0					30			
30			23	190			1.0					20			
31			26	147			1.4					15			
32			24	157			1.6					15			
33			25	153			1.2					5			
34			20	172			2.2					85			
35			16	156			1.0					10			
C 8036			18	147			1.0					5			

CERTIFIED BY: [signature]

COMPANY: Grey Wolf Mch.

PROJECT: W, C, T, CB

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

File No. 3-792

DATE: Sept. 2, 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	
C 8037			38	134			1.4					30	
38			24	118			1.4					5	
39			20	78			1.2					5	
40			18	116			1.6					5	
41			18	122			1.4					25	
C 8042			18	134			1.2					10	
W 5101			19	235			0.9					5	
02			10	110			0.8					5	
W 5103			10	51			0.2					5	
C 5104			23	158			1.0					5	
05			22	135			0.8					10	
06			16	127			1.0					10	
07			16	122			1.6					5	
08			16	148			1.1					5	
09			14	122			1.2					10	
10			15	136			1.8					20	
11			20	155			1.4					10	
12			18	187			1.1					20	
13			20	129			0.7					5	?
14			22	107			0.9					20	
15			21	103			1.4					10	
16			40	122			1.2					40	
17			42	140			1.0					25	
18			24	110			0.8					10	
19			26	89			0.7					5	
20			17	75			0.8					10	
21			23	152			0.8					40	
22			22	145			1.0					10	
24			20	155			1.1					5	
C 5125			18	93			0.7					10	

CERTIFIED BY [signature]

COMPANY: Grey Wolf Mtn.

PROJECT No.: W, C, T, CB

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

File No. 3-792

DATE: Sept. 2 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
C 5156			19	113			0.9					10
57			23	158			1.1					5
58			21	129			1.3					5
59			20	126			1.6					<5
60			29	137			1.4					5
61			21	104			1.7					1800
62			25	130			1.3					15
63			30	114			1.6					5
64			31	106			1.4					45
65			19	96			0.9					5
66			16	80			0.8					10
67			24	110			1.0					5
68			21	81			1.1					30
69			14	94			0.8					25
C 5170			20	71			1.2					10
A 5171			14	164			0.9					<5
72			15	200			1.1					5
73			14	56			0.5					5
74			19	67			0.5					<5
75			20	173			0.6					10
76			14	89			0.6					5
77			24	167			1.2					5
78			23	208			0.8					10
79			14	114			0.8					5
80			19	157			0.9					15
81			20	200			0.9					5
82			16	153			0.8					5
83			17	190			1.0					15
84			12	123			0.9					5
A 5185			19	156			1.4					5

CERTIFIED BY

COMPANY: Grey wolf mtn.

PROJECT No.: W,C,T,CB

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 3-792

DATE: Sept. 2 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
C 5126			14	94			1.2					5
27			18	95			1.0					5
28			14	66			0.7					<5
29			13	122			0.9					5
30			16	147			1.4					5
31			18	90			1.2					5
32			18	75			0.8					10
33			28	88			0.9					5
34			33	125			1.0					5
35			30	124			1.2					10
36			37	134			1.4					5
37			140	121			15.2					5
38			30	144			0.9					5
39			32	118			0.6					210
C 5140			32	140			0.6					35
A 5141			12	150			0.6					5
A 5142			14	152			1.0					10
C 5143			30	155			1.6					135
44			80	118			1.6					100
45			22	181			1.4					375
46			23	90			0.9					30
47			20	91			0.6					5
48			20	89			1.0					5
49			24	113			0.7					125
50			18	99			0.6					40
51			24	118			0.8					320
52			15	78			0.6					5
53			13	92			0.6					30
54			16	84			1.0					5
C 5155			22	121			1.6					35

CERTIFIED BY

COMPANY: Grey Wolf Mtn.

PROJECT No.: W,C,T,CB

ATTENTION:

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 3-792

DATE: Sept. 2 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
A 5186			21	121			1.0					5			
87			22	196			1.2					<5			
88			25	181			1.3					10			
89			20	159			0.9					5			
90			18	169			0.9					5			
91			19	195			1.1					10			
92			24	194			1.1					5			
93			15	146			0.8					5			
94			19	129			1.0					15			
95			20	123			1.1					5			
96			12	114			1.2					<5			
97			16	106			0.9					5			
98			15	85			1.1					5			
A 5199			15	143			1.3					25			
A 5200			14	120			0.7					5			
01			16	170			1.1					10			
02			18	159			1.0					5			
03			19	143			1.0					5			
04			17	180			1.3					70			
A 5025			16	110			0.8					5			
C 5206			26	111			1.1					60			
07			23	108			1.2					90			
08			30	110			1.3					10			
09			29	138			0.9					35			
10			28	111			1.0					15			
C 5211			21	108			1.2					10			
W 6117			22	96			1.0					5			
18			12	64			0.6					5			
W 6119			13	59			0.8					5			
W 6121			14	39			0.6					5			

CERTIFIED BY

COMPANY: Grey Wolf Mtn.

PROJECT No.: H, HS

ATTENTION: M.Smith

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 3-

DATE: Aug. 1983

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
H 6112			14	170			1.1					5			
13			16	160			1.0					5			
H 6114			18	173			1.2					10			
H 3212			18	84			1.0					5			
13			15	107			0.8					5			
14			16	115			1.0					10			
15			27	121			1.6					5			
H 3216			22	75			1.2					5			

COMP[illegible] ey if tn.

PROJECT No.: H, HS

ATTENTION: M. Smith

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

PAGE No. 3

DATE: Aug 198[illegible]

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
H 6074			13	105			0.6					5			
75			14	122			0.7					5			
76			14	111			0.8					10			
77			18	173			0.8					20			
78			20	130			0.9					5			
79			20	115			1.0					10			
80			19	144			1.0					20			
H 6081			18	132			0.9					10			

[signature]

COMPANY: Grey Wolf Mtn.

PROJECT No.: H, HS Caribou

ATTENTION: ~~M. Smith~~

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 3

DATE: Aug. 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
~~H 6082~~			20	116			1.0					5			
83			15	72			1.6					5			
84			16	113			1.1					10			
85			19	108			1.6					10			
86			16	116			1.2					5			
87			17	124			1.0					10			
88			18	79			1.0					10			
89			14	70			0.9					5			
90			15	56			0.8					5			
91			18	127			1.0					5			
92			18	180			1.3					5			
93			23	163			1.2					5			
94			18	148			1.0					5			
95			18	65			0.9					5			
96			14	66			1.0					5			
97			12	79			0.8					5			
98			16	52			1.0					5			
99			15	66			0.8					10			
H 6100			15	97			1.2					5			
01			14	92			1.0					5			
02			16	71			1.0					10			
03			15	77			1.0					5			
04			22	152			1.8					5			
05			16	181			1.0					5			
06			14	85			0.9					5			
07			16	72			1.0					5			
08			8	14			0.8					10			
09			16	45			22.7					50			
10			24	104			1.5					5			
H 6111			22	88			1.2					5			

COMPANY: Grey Wolf Mtn.

PROJECT No.: H

ATTENTION: M. Smith

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

F. No. 3 -

DATE: Aug. 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
H 6034			16	95			0.4					135			
35			58	146			0.8					5			
36			32	122			0.6					<5			
37			28	126			0.6					5			
38			17	87			0.7					10			
39			12	107			0.6					5			
40			13	117			0.6					5			
41			11	97			0.6					<5			
42			18	111			0.7					5			
43			21	189			1.1					5			
44			20	120			0.9					<5			
H 6045			16	140			1.1					<5			
O 6046			12	45			0.4					10			
47			16	130			0.7					15			
48			7	58			0.7					10			
49			12	97			0.6					30			
50			12	91			0.7					25			
C 6051			22	123			0.7					5			
O 5045			16	49			0.2					20			
46			15	42			0.3					10			
47			15	201			1.0					15			
C 5048			12	58			0.4					10			

COMPANY: Grey Wolf Mtn.

PROJECT No.: H

ATTENTION: M. Smith

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B C V7M 1T2

PHONE (604) 980-5814

No. 3-63

DATE: Aug. 5, 1983.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
C 5049			18	85			0.9					5			
66			10	48			0.6					5			
67			12	46			0.7					15			
68			13	107			0.8					10			
69			14	125			1.0					20			
70			11	85			1.0					10			
71			15	110			0.8					5			
72			10	105			0.8					5			
73			16	104			0.9					5			
74			18	124			1.3					10			
75			14	129			1.0					10			
C 5076			11	113			0.9					5			

Ross Smith

APPENDIX II

Detailed Work on Anomaly 1

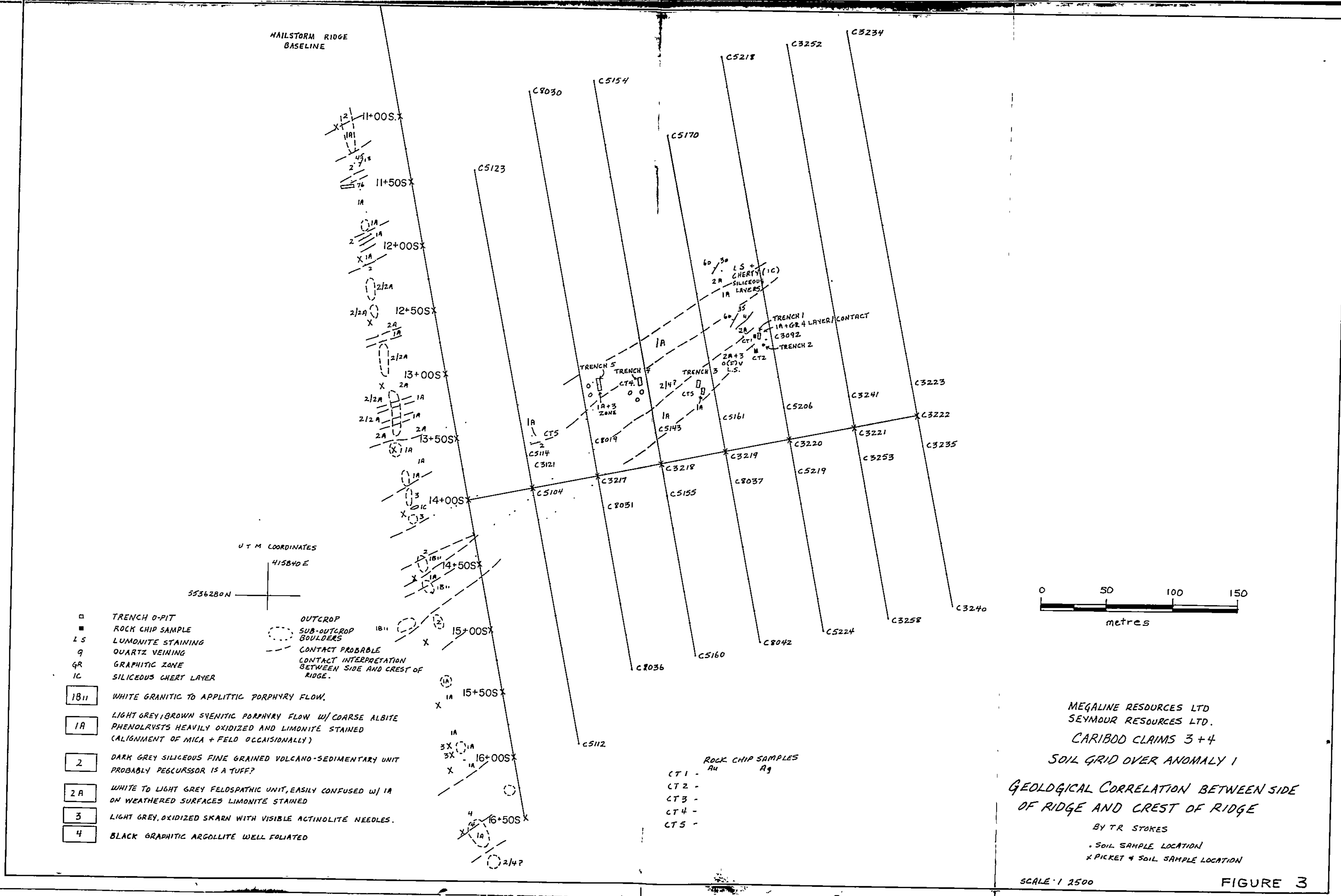
DETAILED GEOLOGICAL AND GEOCHEMICAL WORK ON ANOMALY 1

From the recent soil geochemical data over anomaly 1, two gold anomalous zones are present (Figures 4 and 5) on the grid. The south zone if the largest and most concentrated (more anomalous values closer together) and trends in a east-northeast direction, slightly north of the slope of the hill. The zone extends east-northeast for approximately 200 m, and the origin of the anomalous values is approximately sketched on Figure 5.

The northern zone is smaller and less concentrated but appears to have a similar trend as the southern zone. Further extension of the grid to the north might increase the size of the zone.

Five rock chip samples (CT1 - CT5) were taken from outcrops over the southern zone in order to determine if possible what rock type carries the gold (most probably no specific unit!). By soil panning (c/o Alex Strebchuk) over the various soil anomalies, flakes and minute nuggets of gold were found (yet to be plotted).

From the outcrops visible in the vicinity of the south zone, thin syenitic porphyry flows are found in close contact with volcano-sedimentary and sedimentary units (Map 3) as quite intense and deep surficial oxidation is present, great difficulty is found in distinguishing between the units especially 1a and 2a (whose surfaces appear similar when weathered). Also correlation between the ridge and the side does not seem very clear. Only by extensive overburden stripping will the geology become more apparent. The general trend of the bedding is N30°E with a 60° dip to the west. At present it is difficult to determine the plunge of the flows but a southwest direction seems favourable especially in the light of gold anomalies found at the base on the western side of the ridge (Map 2, Anomaly 9).



HAILSTORM RIDGE BASELINE
11+00S
11+50S
12+00S
12+50S
13+00S
13+50S
14+00S
14+50S
15+00S
15+50S
16+00S
16+50S
C8030
C5154
C5170
C5123
C5218
C3252
C3234
LS + CHERTY (1C) SILICEOUS LAYERS
TRENCH 1
1A + GR 4 LAYER / CONTACT
C3092
TRENCH 2
TRENCH 5
TRENCH 4
TRENCH 3
1A + 3 ZONE
2A + 3 O(?)V L.S.
C3223
C3222
C3235
C3241
C3221
C3253
C5206
C3220
C5219
C5161
C3219
C8037
C5143
C3218
C5155
C8019
C3217
C8031
C5114
C3121
C5104
C3240
C3258
C5224
C8042
C5160
C8036
C5112
U T M COORDINATES
415840 E
5536280 N
0
50
100
150
metres
TRENCH O-PIT
ROCK CHIP SAMPLE
LS LUMONITE STAINING
q QUARTZ VEINING
GR GRAPHITIC ZONE
1C SILICEOUS CHERT LAYER
OUTCROP
SUB-OUTCROP BOULDERS
CONTACT PROBABLE
CONTACT INTERPRETATION BETWEEN SIDE AND CREST OF RIDGE.
18 WHITE GRANITIC TO APPLITIC PORPHYRY FLOW.
1A LIGHT GREY / BROWN SYENITIC PORPHYRY FLOW W/ COARSE ALBITE PHENOLRYSTS HEAVILY OXIDIZED AND LIMONITE STAINED (ALIGNMENT OF MICA + FELD OCCAISIONALLY)
2 DARK GREY SILICEOUS FINE GRAINED VOLCANO-SEDIMENTARY UNIT PROBABLY PEGCURSSOR IS A TUFF?
2A WHITE TO LIGHT GREY FELDSPATHIC UNIT, EASILY CONFUSED W/ 1A ON WEATHERED SURFACES LIMONITE STAINED
3 LIGHT GREY, OXIDIZED SKARN WITH VISIBLE ACTINOLITE NEEDLES.
4 BLACK GRAPHITIC ARGOLLITE WELL FOLIATED
ROCK CHIP SAMPLES
Au Ag
CT 1 -
CT 2 -
CT 3 -
CT 4 -
CT 5 -
MEGALINE RESOURCES LTD
SEYMOUR RESOURCES LTD.
CARIBOO CLAIMS 3 + 4
SOIL GRID OVER ANOMALY 1
GEOLOGICAL CORRELATION BETWEEN SIDE OF RIDGE AND CREST OF RIDGE
BY T R STOKES
• SOIL SAMPLE LOCATION
× PICKET + SOIL SAMPLE LOCATION
SCALE: 1 2500

FIGURE 3

F. MARSHALL SMITH CONSULTING INC.

6580 MAYFLOWER DRIVE, RICHMOND, B.C. CANADA V7C 3X6
TELEPHONE (604) 271-6556

115 - 100 WEST GROVE STREET
RENO, NEVADA, USA 89509

Mr. M.R. Bertram
Megaline Resources Ltd.
#403-750 West Pender Street
Vancouver, B.C.
V6C 2T7

Dear Marshall:

As you are aware I have supervised the technical work on the Caribou property including the training of the soil samplers and of Mr. T.R. Stokes as to rock types and mineral occurences in the district since June of 1983. The attached report by Mr. T.R. Stokes gives a detail summary of the geology and geochemical report from the company claims.

The conclusions and recommendation by Mr. T.R. Stokes are based on his appraisal of the technical considerations only and should not be considered binding on the company.

I can attest that the work described was done in a competent manner and completed as to the cost statement in the amount of at least $24,400.

Sincerely,

F.M. Smith, P.Eng.

CARIBOU 3 & 4 MINERAL CLAIMS

C O S T   S T A T E M E N T
Incurred Between April 4th - August 23rd, 1984

A **FIELD WORK:**

1. Geologist, 8 days	$ 1,600.00
Crew & crewboss, 97 mandays	12,712.69
2. Camp/Crew, mob-demob	4,929.77
3. Room & Board & Cook	5,767.00
4. Expendables	2,274.89
5. Vehicle Rental	3,430.69
6. Geochemical Analysis	8,953.71
TOTAL	$ 39,668.75

B **OFFICE WORK:**

1. Base Map Preparation	$ 2,250.00
2. Printing & Drafting	381.07
	$ 2,631.07
TOTAL	$ 42,299.82

TOTAL TO BE APPLIED:

On Assessment Work	$ 14,400.00
To PAC	10,000.00
TOTAL APPLICATION	$ 24,400.00

CERTIFIED CORRECT:

M.R. BERTRAM

CERTIFICATE

I, T.R. STOKES do hereby certify that I am an independent geologist working out of Vancouver and Montreal, Canada.

I further certify that:

1. I am a graduate from Camborne School of Mines, Cornwall, England, with a B.Sc. Honours degree in Mining Engineering.

2. I am a post-graduate from McGill University, Montreal, Canada, with a M.Sc. (Applied) degree in Mineral Exploration.

3. I have had six field seasons experience in mining and mineral exploration in England, Finland, Yukon, S.W. Quebec and British Columbia.

4. I have no interest or holdings of any sort in the Caribou Claims 3 and 4 property or Megaline Resources Ltd. and Seymour Resources Ltd.

5. I consent to the use of this report by Megaline Resources Ltd. and Seymour Resources Ltd. in any statement of material facts or prospectus on the Caribou property and the filing of such a report with the Vancouver Stock Exchange and/or Superintendent of Brokers for British Columbia.

September, 1983
in Vancouver, B.C.

T.R. Stokes,
Geologist

CERTIFICATE OF QUALIFICATIONS

I, F. Marshall Smith, do hereby certify that:

1. I am a consulting geologist and geochemist with offices at Mayflower Drive, Richmond, British Columbia.

2. I am a graduate at the University of Toronto with a degree of B.Sc., Honors Geology.

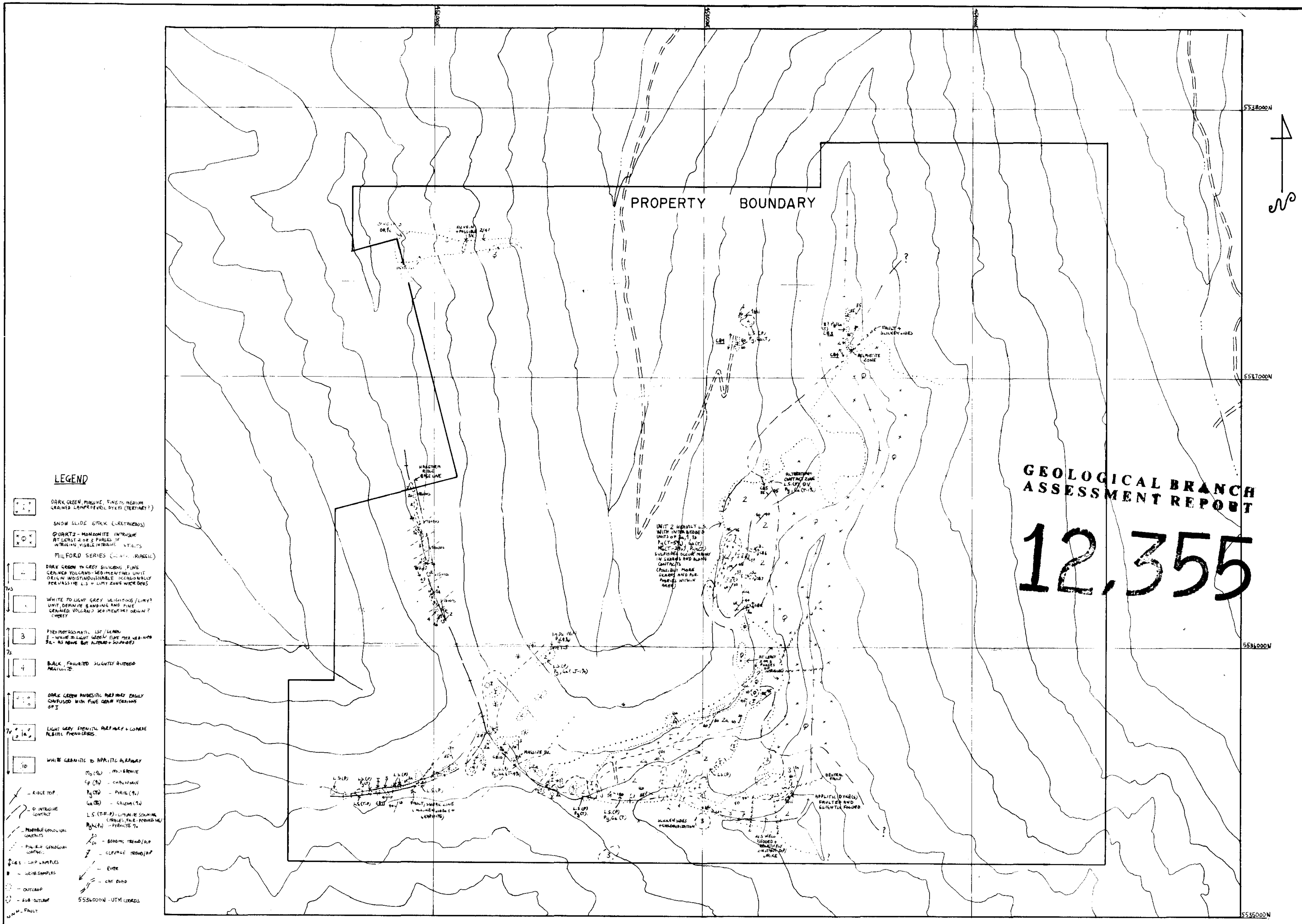
3. I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.

4. I have practiced my profession continuously since 1967 primarily in the Cordillera of North America.

5. I have directly supervisesd the engineering work on the Caribou Claims and have reviewed the report by Mr. T. Stokes and concur with the geological and geochemical results and interpretation but no necessarily the conclusions or recommendations.

6. I have no interest direct or indirect in the Caribou property.

F. Marshall Smith, P.Eng.

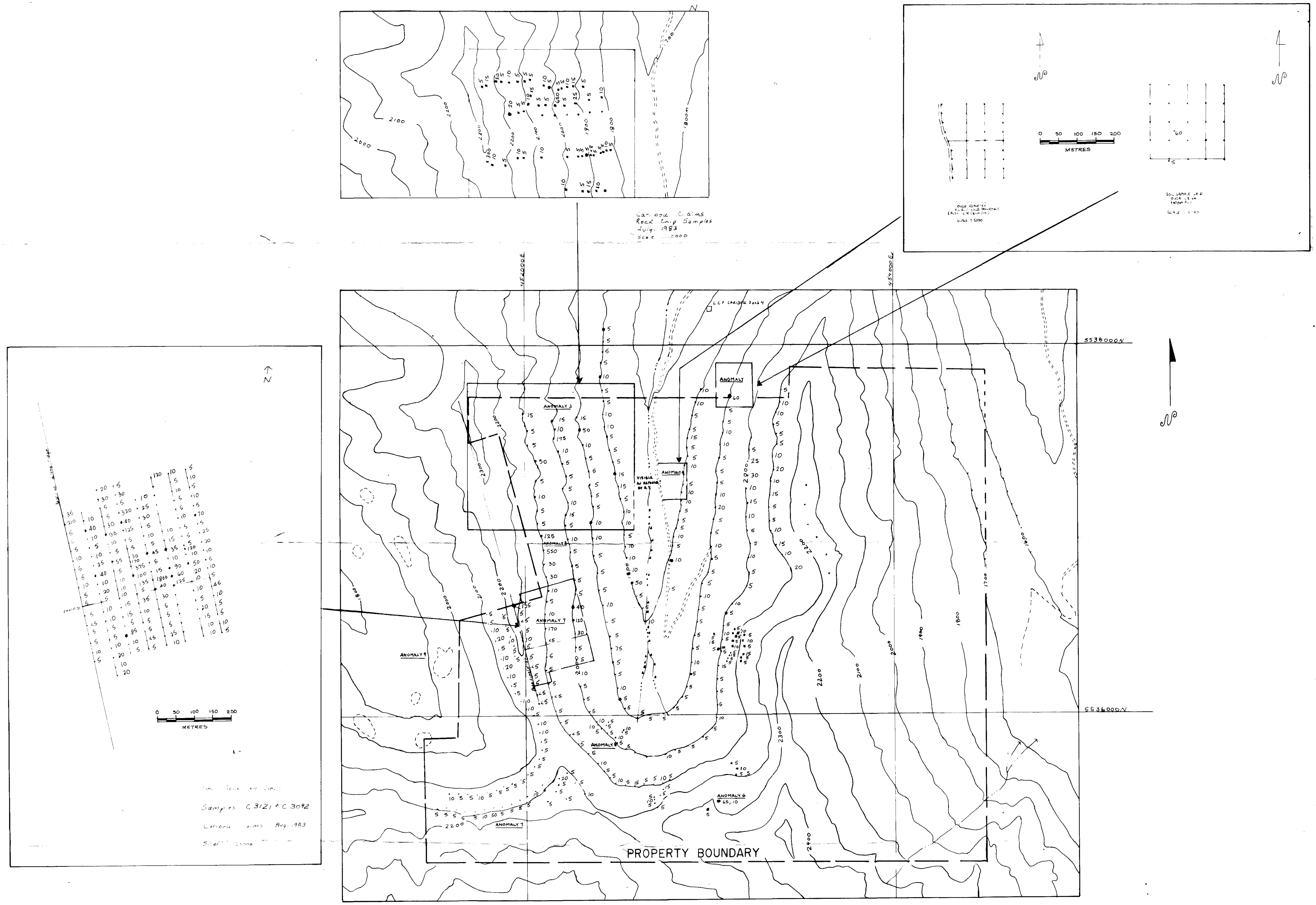


MEGALINE RESOURCES LTD.
SEYMOUR RESOURCES LTD.

CARIBOU CLAIMS 3 AND 4 GEOLOGY

SCALE 1:10,000 (METRES)

FIGURE 9



LEGEND

■ Rock Chip Sample
• Soil Sample
▲ Pan Sample
— Road
— Creek
— Claim Boundry (Not Surveyed)

Au > 125ppb
Au > 40ppb
Ag > 2.5ppm
Ag > 1.3ppm

>50ppb Au (From La Teco-Esperanza News Report Aug. 1985)

0 100 200 300 400 500
METRES

Scale: 1:10 000
C.I. 100 metre
July - Aug 1983

L.J. Connolly and T.R. Stokes

GEOLOGICAL BRANCH
ASSESSMENT REPORT

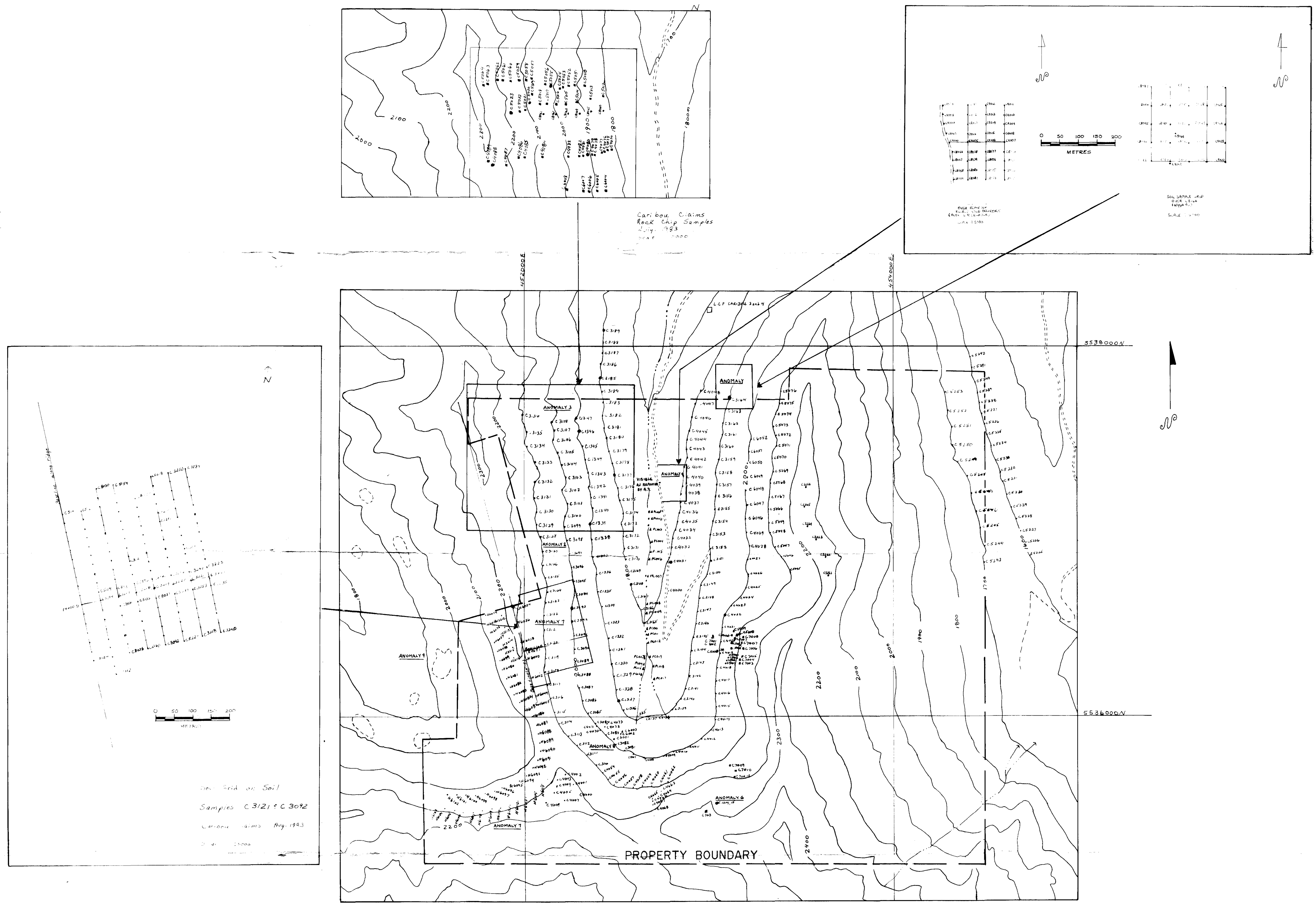
12,355

MEGALINE RESOURCES LTD.
SEYMOUR RESOURCES LTD.

GEOCHEMICAL MAP FOR
CARIBOU CLAIMS 3 AND 4

GOLD IN P.P.B.

FIGURE 4



LEGEND

- Rock Chip Sample
- Soil Sample
- Pan Sample

ROAD

CREEK

CLAIM BOUNDARY (NOT SURVEYED)

0 100 200 300 400 500 600

METRES

Scale: 1:10 000
C. I. 100 metre
July - Aug 1983

L. J. Connolly and T.R. Stokes

MEGALINE RESOURCES LTD.
SEYMOUR RESOURCES LTD.

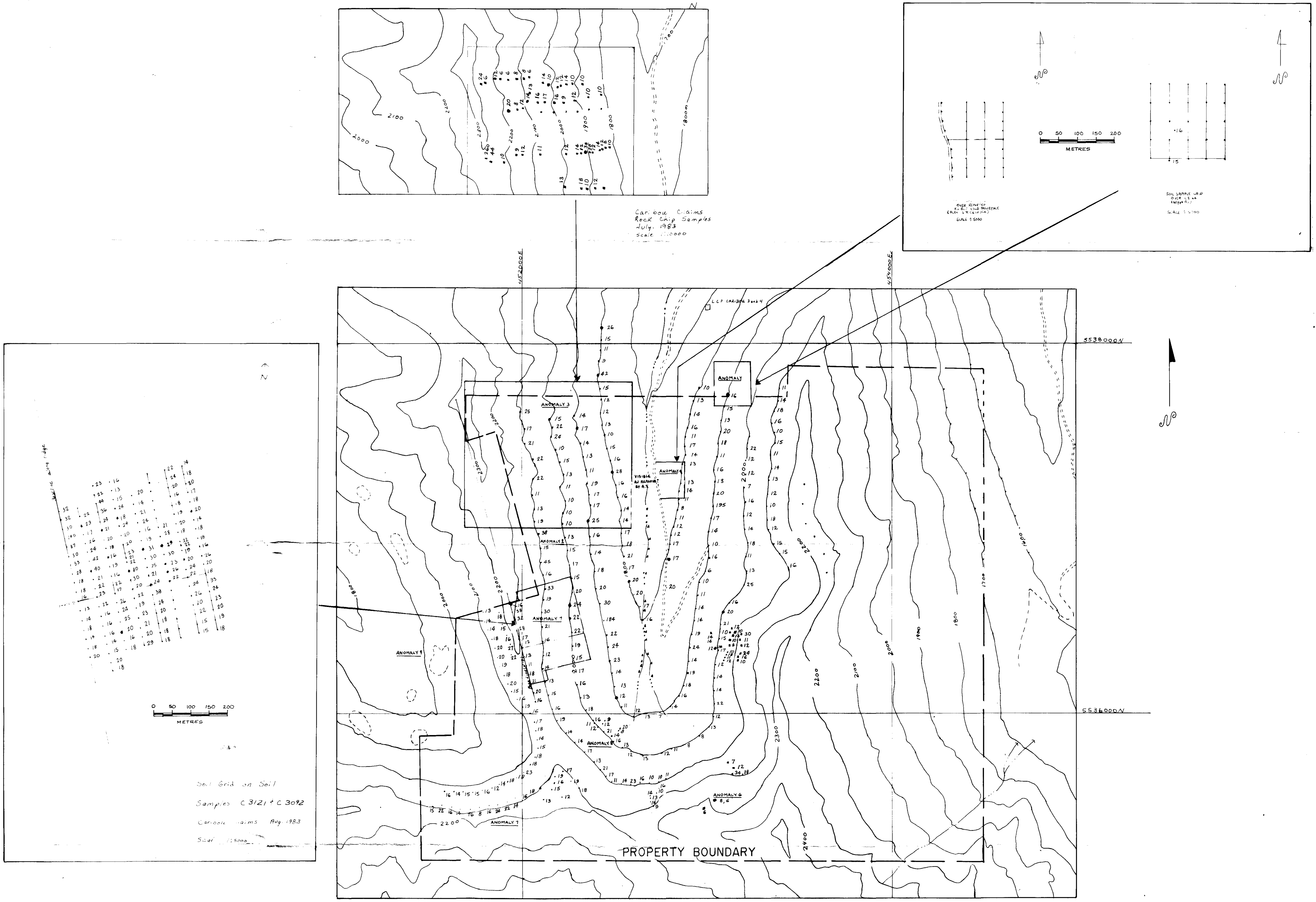
GEOCHEMICAL MAP FOR
CARIBOU CLAIMS 3 AND 4

SAMPLE LOCATION

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,355

FIGURE 8



LEGEND

- ■ Rock Chip Sample
- • Soil Sample
- ▲ Pan Sample
- ROAD
- CREEK
- CLAIM BOUNDRY (NOT SURVEYED)

Au > 125ppb
Au > 40ppb
Ag > 2.5ppm
Ag > 1.5ppm

>50ppb Au (FROM LA TECO-ESPERANZA NEWS REPORT AUG. 1983)

0 100 200 300 400 500
METRES

Scale: 1:10 000
C I 100 metre
July - Aug 1983

L J Connolly AND T.R. STOKES

MEGALINE RESOURCES LTD.
SEYMOUR RESOURCES LTD.

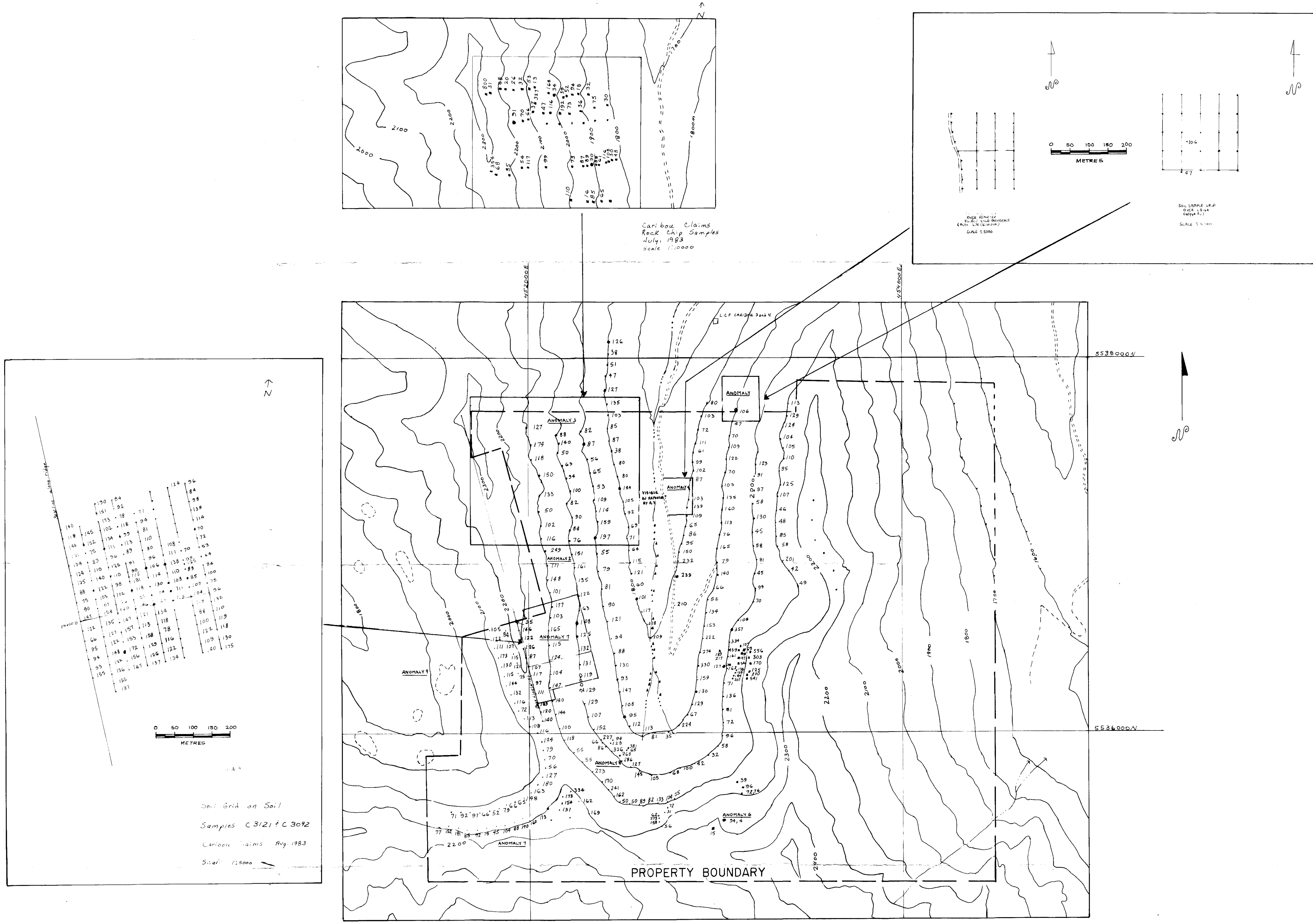
GEOCHEMICAL MAP FOR
CARIBOU CLAIMS 3 AND 4

LEAD IN PPM

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,355

FIGURE 7



LEGEND

- ■ Rock Chip Sample
- • Soil Sample
- ▲ Pan Sample
- ROAD
- CREEK
- CLAIM BOUNDRY (NOT SURVEYED)

Au > 125ppb
Au > 40ppb
Ag > 2.5ppm
Ag > 1.3ppm

750ppb Au (FROM LA TECO-ESPERANZA NEWS REPORT AUG. 1983)

0 100 200 300 400 500
METRES

Scale: 1:10000
C.I 100 metre
July - Aug 1983

L.J Connolly AND T.R. STOKES

MEGALINE RESOURCES LTD.
SEYMOUR RESOURCES LTD.

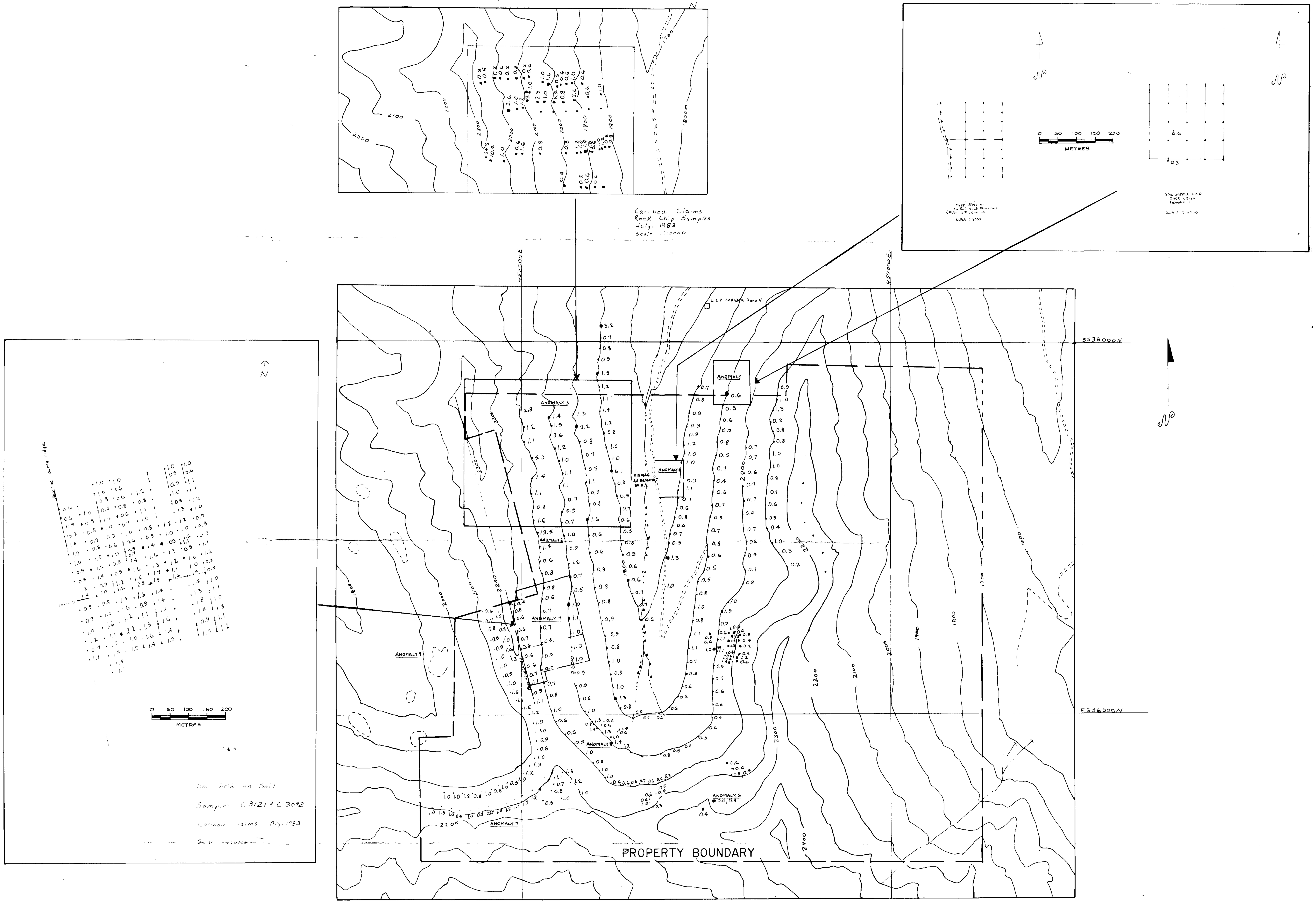
GEOCHEMICAL MAP FOR
CARIBOU CLAIMS 3 AND 4

ZINC IN PPM

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,355

FIGURE 6



LEGEND

■ Rock Chip Sample
• Soil Sample
▲ Pan Sample
— ROAD
— CREEK
— CLAIM BOUNDRY (NOT SURVEYED)

Au > 125ppb
Au > 40ppb
Ag > 2.5ppm
Ag > 1.3ppm

> 50ppb Au (FROM LA TECO-ESPERANZA NEWS REPORT AUG. 1983)

0 100 200 300 400 500
METRES

Scale: 1:10 000
C.I. 100 metre
July - Aug 1983

L.J. Connolly AND T.R. STOKES

MEGALINE RESOURCES LTD.
SEYMOUR RESOURCES LTD.

GEOCHEMICAL MAP FOR
CARIBOU CLAIMS 3 AND 4

SILVER IN PPM

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,355

FIGURE 5