

CREAM SILVER MINES LIMITED
GEOCHEMICAL, GEOLOGICAL AND GEOPHYSICAL REPORT
on the
RUBY MOUNTAIN PROPERTY
Atlin Mining Division
N.T.S. 104N/11 West

October 1983

A.G. Troup, P.Eng.

C. Wong, B.Sc.

| <u>CLAIM</u> | <u>UNITS</u> | <u>RECORD NO.</u> | <u>ANNIVERSARY DATE</u> |
|--------------|--------------|-------------------|-------------------------|
| B-1 | 20 | 1373 | July 29 |
| B-2 | 20 | 1375 | July 29 |
| B-3 | 15 | 1391 | August 4 |
| R-1 | 18 | 1374 | July 29 |
| GDC 1 | 10 | | August 2 |
| GDC 2 | 18 | | August 2 |
| GDC 5 | 6 | | August 2 |

Location: 59°40'N, 133°22'W
Owner/Operator: Cream Silver Mines Ltd.
Consultant: A.G. Troup, P.Eng., Archean Engineering Ltd.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,495

GEOCHEMICAL, GEOLOGICAL AND GEOPHYSICAL REPORT
on the
RUBY MOUNTAIN PROPERTY
Atlin Mining Division
NTS 104N/11W

SUMMARY

The Ruby Mountain property is a precious and base metals prospect located 20 kilometres northeast of Atlin between three of the camp's richest placer streams; Birch, Boulder and Ruby Creeks. In 1983 a programme consisting of geologic mapping, grab sampling, soil sampling and an orientation magnetometer survey were carried out over the property. The 1983 programme indicates that significant skarn mineralization underlies the B 2 claim and gold-bearing quartz veins and structures underlie the GDC 2 claim.

Additional exploration of the property is recommended. This work is to be undertaken in two stages. Phase 1 entails further surface exploration and consists of geologic mapping and prospecting, soil sampling, rock chip sampling, trenching, magnetometer and VLF-EM surveys. The Phase 2 programme is dependent upon the results of Phase 1 and entails diamond drilling areas defined by trenching.

TABLE OF CONTENTS

| | <u>PAGE</u> |
|--|-------------|
| SUMMARY | i |
| FIGURES AND TABLES | iii |
| INTRODUCTION | 1 |
| Location and Access | 1 |
| Physiography, Vegetation and Climate | 4 |
| Claim Information | 5 |
| History | 5 |
| Work Done by Cream Silver Mines Ltd. in 1983 | 7 |
| GEOLOGY | 8 |
| Regional Geology | 8 |
| Property Geology | 10 |
| Economic Geology | 11 |
| GEOCHEMISTRY | 13 |
| Grab Sampling | 13 |
| Sampling and Sample Treatment | 13 |
| Presentation and Discussion of Results | 13 |
| Soil Sampling | 17 |
| Sampling and Sample Treatment | 17 |
| Presentation and Discussion of Results | 17 |
| GEOPHYSICS | 19 |
| Orientation Fluxgate Magnetometer Survey | 19 |
| Instrument and Survey Techniques | 19 |
| Presentation and Discussion of Results | 19 |
| CONCLUSIONS | 20 |
| RECOMMENDATIONS | 21 |
| REFERENCES | 23 |
| COSTS STATEMENT | 24 |
| STATEMENTS OF QUALIFICATION | 26 |

FIGURES

| | <u>PAGE</u> |
|---|-------------|
| Figure 1 - Location Map 1:2,000,000 | 2 |
| 2 - Claim Map 1:50,000 | 3 |
| 3 - Regional Geology Map 1:253,440 (after GSC Map 1082A) | 9 |
| 4 - Geological and Grab Sample Location Map 1:10,000 | Pocket |
| 5a-5g - Soil Sample Results on the B-2 Mineral Claim 1:5,000 | Pocket |
| 6 - Soil Sample Results on the GDC 2 Mineral Claim 1:2,500 | Pocket |
| 7 - Orientation Fluxgate Magnetometer Survey 1:5,000 | Pocket |

TABLES

| | |
|---|----|
| TABLE 1 - Claim Status | 5 |
| 2 - Gold Recovery from Productive Creeks in the Atlin Area, 1898 to 1946 | 6 |
| 3 - Grab Sample Descriptions and Results | 14 |

APPENDICES

| | |
|--|----------|
| Grab Sample Assay Results, Soil Sample Results | Appendix |
|--|----------|

RUBY MOUNTAIN PROPERTY
Atlin Mining Division

1. INTRODUCTION

The Ruby Mountain property is located in the historic Atlin placer gold mining camp in northwestern British Columbia (Figure 1). The original property was staked in July 1981 after Yukon Revenue Mines Ltd. reported a large low-grade gold discovery immediately west and adjacent to Ruby Mountain. Cream Silver Mines Ltd. recently re-staked the Yukon Revenue property after the claims were inadvertently allowed to lapse.

During the 1983 field season, follow-up work consisting of geologic mapping, grab sampling, soil sampling and an orientation fluxgate magnetometer survey were carried out over the Ruby Mountain property by a four-man crew working out of the town of Atlin. The programme was supervised by Mark Management project geologist, C. Wong, under the guidance of A.G. Troup, P.Eng. of Archean Engineering Ltd.

1.1 Location and Access

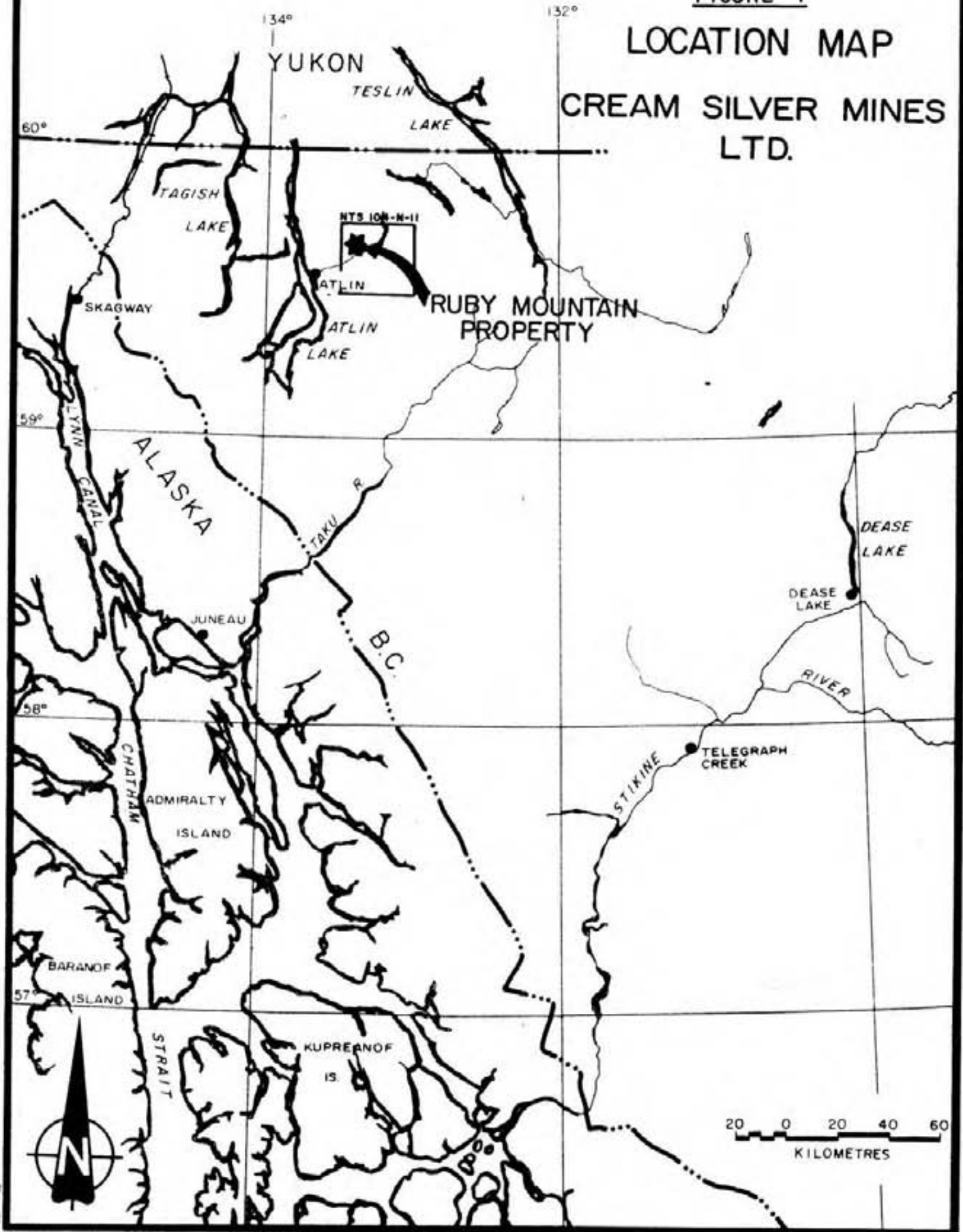
The Ruby Mountain gold property, located 20 kilometres northeast of Atlin, covers an area of 26 square kilometres over the valleys of Boulder, Ruby and Pine Creeks. The claims are centred at latitude 59°40' and longitude 133°24' on NTS map sheet 104N/11W (Figure 2).

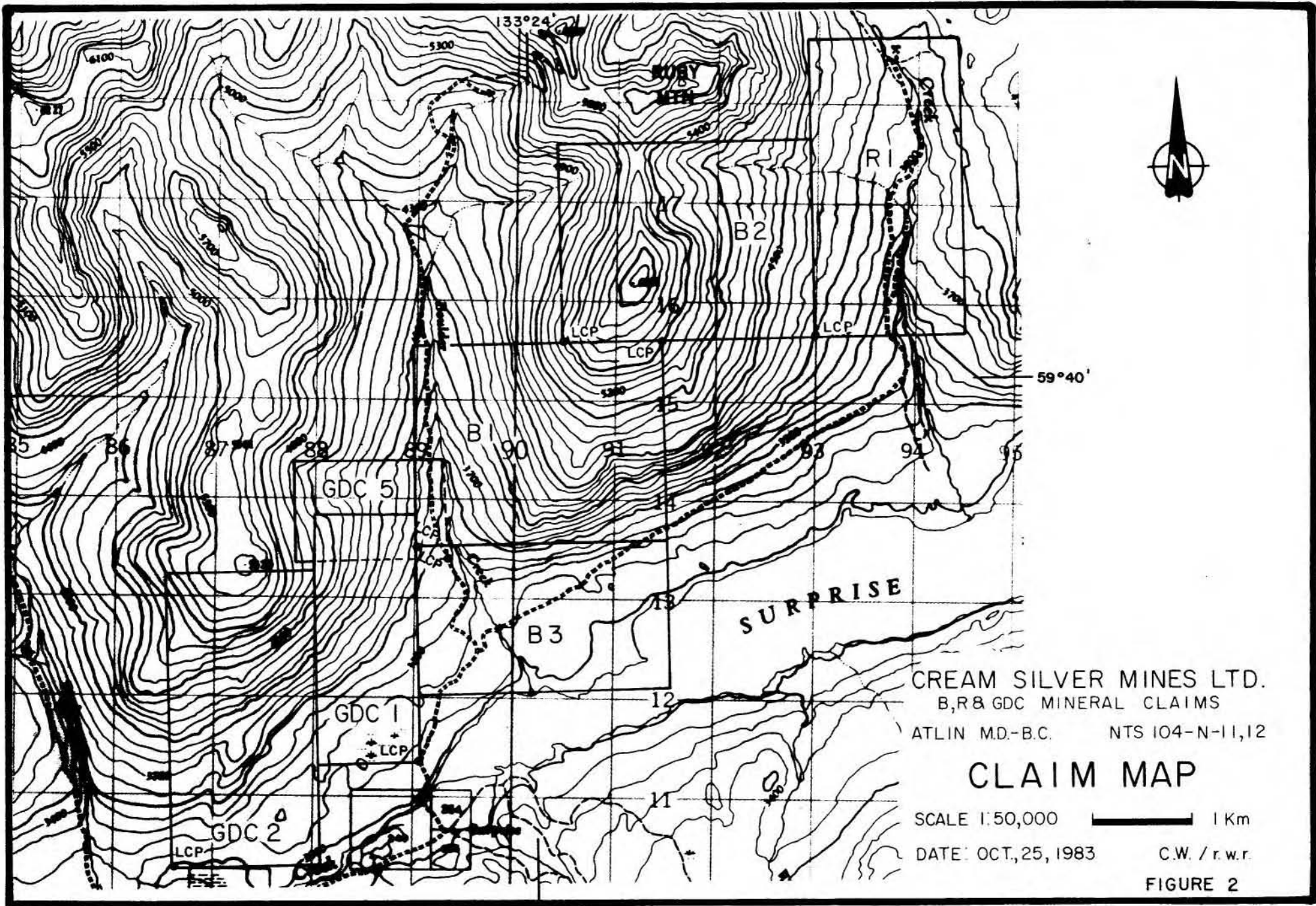
Atlin may be reached by car from Jake's Corner on the Alaska Highway (Mile 865), a distance of about 98 kilometres, along Highway 7. The distance from Jake's Corner to the major northern city of Whitehorse is about 84 kilometres along the Alaska Highway, which is paved over this entire length. Whitehorse is served with several flights a day from other major centres in Canada and Alaska.

FIGURE 1

LOCATION MAP

CREAM SILVER MINES LTD.





Excellent access to the property is provided by good gravel roads that service placer operations along Birch, Boulder and Ruby Creeks. The GDC claims are reached by a four-wheel drive road that leaves Birch Creek road at an elevation of about 3,100 feet, crosses Birch Creek and meanders in a northeast direction onto the GDC 2 mineral claim before ending near the top of Star Mountain (elevation 5,425 feet). The B and R claims are similarly accessed by rough gravel roads that run adjacent to Boulder and Ruby Creeks. Both roads lead to the Black Diamond tungsten showing.

1.2 Physiography, Vegetation and Climate

The Atlin area is located just east of the Coast Mountains on the Teslin Plateau. The town of Atlin lies on the east shore of Atlin Lake, the largest natural lake in British Columbia, at an elevation of 2,200 feet. The topography is moderately rugged on the Ruby Mtn. property. Relief is on the order of 3,000 feet with slopes of up to 30° rising from Surprise Lake at an elevation of 2,985 feet to the south shoulder of Ruby Mtn. at 6,131 feet. Pleistocene valley glaciation produced the north-south trending Boulder and Ruby Creek valleys. Till cover is thin or non-existent above the valley floor, giving way to felsenmeer and outcrop at higher elevations.

The tree line is at approximately 4,000 feet on south facing slopes and somewhat lower on north facing slopes. Below 4,000 feet the valleys are forested with black pine, white and black spruce, aspen and dwarf birch. Dense growths of willow and alder occur along streams, and on the hills above tree line, stunted buckbrush extends to about 4,300 feet.

Atlin enjoys a pleasant summer climate with temperatures averaging 20°C and little precipitation. Winter temperatures average -15°C in January with moderate snowfall. Total annual precipitation has been measured at 279.4 millimetres of moisture. "Winter" conditions can be expected from October to April.

1.3 Claim Information

The property is located in the Atlin Mining Division and consists of seven modified grid claims totalling 107 units. Claim information is listed in Table 1.

TABLE 1
CLAIM STATUS

| <u>CLAIM</u> | <u>UNITS</u> | <u>RECORD NO.</u> | <u>ANNIVERSARY DATE</u> |
|--------------|--------------|-------------------|-------------------------|
| B-1 | 20 | 1373 | July 29 |
| B-2 | 20 | 1375 | July 29 |
| B-3 | 15 | 1391 | August 4 |
| R-1 | 18 | 1374 | July 29 |
| GDC 1 | 10 | | August 2 |
| GDC 2 | 18 | | August 2 |
| GDC 5 | 6 | | August 2 |

1.4 History

Gold was first discovered in the Atlin area in 1897 by Fritz Miller while en route to Dawson. The first workings were on Pine Creek and by the end of 1898, more than 3,000 people were camped in the Atlin area. Only eight creeks - Spruce, Pine, Birch, Boulder, Ruby, Otter, Wright and McKee - have been important producers in the Atlin camp. All were discovered by the end of 1898 although overburden problems delayed production from Ruby Creek until 1906. Gold production from these creeks in the period 1898 to 1946 is listed in Table 2.

TABLE 2 (from Holland, 1950)

Gold Recovery from Productive Creeks, Atlin Area, 1898-1946.

| <u>Stream Name</u> | <u>Ounces of Gold Produced</u> |
|------------------------|--------------------------------|
| Spruce Creek | 262,603 |
| Pine Creek | 138,144 |
| Boulder Creek | 67,811 |
| Ruby Creek | 55,272 |
| McKee Creek | 46,953 |
| Otter Creek | 20,113 |
| Wright Creek | 14,729 |
| Birch Creek | 12,898 |
| All Others (21 creeks) | 15,624 |

Gold-bearing quartz veins were first discovered in the Atlin area in 1899 and by 1905 most of the showings had been discovered. There is no record of regional exploration for lode mineralization since 1905. In 1981, Yukon Revenue Mines Ltd. acquired and re-examined the old Lakeview property located on Star Mountain between Birch and Boulder Creeks. Work done by Yukon Revenue showed low-grade gold values over an extensive but delicate stockwork of carbonatized and silicified andesite adjacent to an ultramafic intrusive.

Research of old literature, the discovery by Yukon Revenue Mines Ltd. and the similarity of geology in the vicinity of major placer gold producing streams prompted Cream Silver Mines Ltd. to stake the Ruby Mtn. property.

1.5 Work Done by Cream Silver Mines Ltd. in 1983

The following field work was completed on the Ruby Mtn. property by Cream Silver Mines Ltd. during the period July 14 to September 6, 1983:

- 1) Geologic mapping at a scale of 1:10,000 over the B and R claims.
- 2) Grab sampled all mapping units, quartz veins and mineralized float.
- 3) Soil sampled selected areas on the B 2 and GDC 2 mineral claims.
- 4) An orientation fluxgate magnetometer survey line on the B 2 mineral claim.

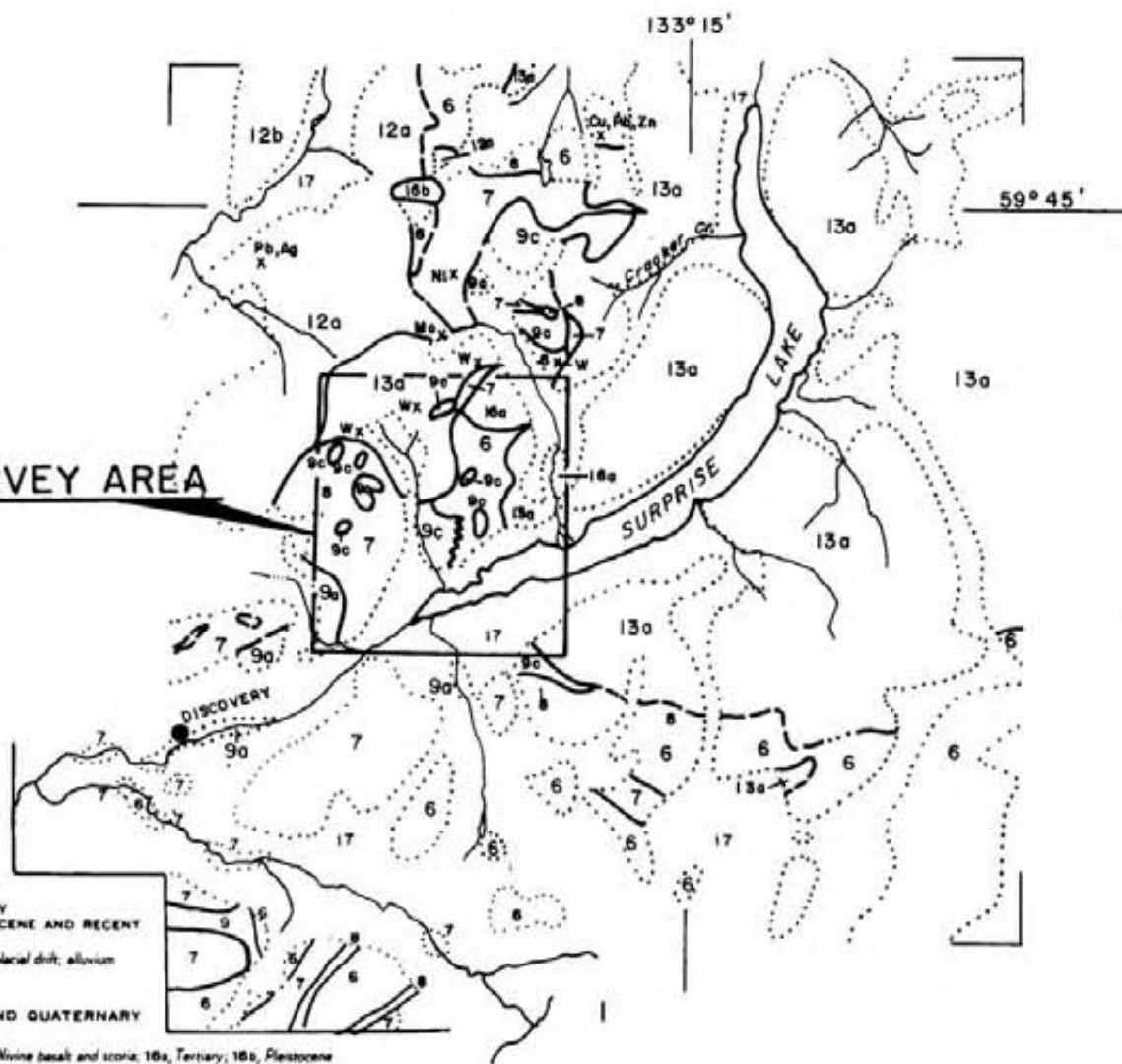
2. GEOLOGY

2.1 Regional Geology

Geologic mapping of this area was undertaken in 1951-55 by J.D. Aitken of the Geological Survey of Canada (GSC) and compiled as Map 1082A (Figure 3). In 1966-68, J.W.H. Monger, also of the GSC, selectively mapped the Atlin area and published his findings in GSC Paper 74-47.

The Atlin region is located in a eugeosynclinal area composed of three distinct northwest striking tectonic belts; the St. Elias and Insular Belt, Coast and Cascades Belt and Intermontane Belt. The rocks of the area belong to the Atlin Terrane, which represents an independent tectonic entity of the oceanic sequence of the Intermontane Belt in the Canadian Cordillera. The Atlin Terrane consists of upper Paleozoic age radiolarian cherts, pelites, carbonates, volcanics and ultramafics. These rocks are intruded by Mesozoic granite, alaskite and quartz monzonite. The youngest rocks of the Atlin Terrane are composed of Tertiary and Quaternary volcanics. Till deposited by receding Pleistocene glaciers extensively covers the valleys.

The Atlin Terrane is bounded on the northeast by a northwest striking vertical fault and on the southwest by a northwest striking reverse fault. Structurally, the terrane is characterized by compressional deformation which is similar in style and trend to the southwest bounding faults (Monger, 1975). Minor fold axes generally strike northwest or trend southwest.



LEGEND

| | | |
|--|---|---|
| CENOZOIC | QUATERNARY PLEISTOCENE AND RECENT | |
| | 17 | Glacial drift, alluvium |
| | TERTIARY AND QUATERNARY | |
| | 16 | Olivine basalt and scoria; 16a, Tertiary; 16b, Pleistocene |
| | TERTIARY (T) | |
| | 15 | 15a, quartz monzonite; 15b, granophyre; 15c, gabbro and diorite |
| | CRETACEOUS OR TERTIARY SLOW GROUP | |
| | 14 | Andesite, basalt, albite trachyte, albite rhyolite, dacite, and related pyroclastic rocks; conglomerate, sandstone |
| | CRETACEOUS | |
| | 13 | 13a, alkali, 13b, quartz monzonite |
| JURASSIC (May be in part older and younger) | | |
| COAST INTRUSIONS | | |
| 12 | Undifferentiated granitic rocks, 12a, Black Mountain body, 12b, Fourth of July Creek body; 12c, pink granite; 12d, Mount McMaster body; 12e, diorite; 12f, alkaline granite | |
| JURASSIC | | |
| LABERGE GROUP | | |
| 11 | Volcanic greywacke, siltstone, mudstone, shale, conglomerate; minor concretionary sandy limestone | |
| TRIASSIC (T) | | |
| 10 | Greywacke, chert, argillite, conglomerate, tuff, slate, greenstone, impure limestone, asper | |
| PALEOZOIC | PENNSYLVANIAN AND PERMIAN | |
| | ATLIN INTRUSIONS | |
| | 9 | Pendolite; meta-diorite and meta-gabbro; 9a, serpentinite; 9b, carbonized serpentinite; 9c, talc bearing (steatized) ultramafic rocks |
| | CACHE CREEK GROUP | |
| 6 7 8 | 6, Chert, argillite, chert-pebble conglomerate and chert breccia, derived quartzite and schist, minor 7 and 8 7, Greenstone and volcanic greywacke, derived amphibolite, minor 6 and 8 8, Limestone and limestone breccia | |

x MINERAL OCCURENCE

CREAM SILVER MINES LTD.
B, R & GDC MINERAL CLAIMS

ATLIN M.D.—BC NTS 104-N-11,12

GENERAL GEOLOGY MAP

SCALE 1:253,440 (1"=4 Miles)

DATE: OCT 25, 1983

C.W./r.w.r.

AFTER GSC MAP 1082A

FIGURE 3

2.2 Property Geology

Outcrop exposure accounts for 10% of the surface area on the property. Felsenmeer is present in areas of no outcrop and is assumed to be close to outcrop. Till covers the valleys below 4,500 feet elevation.

The property is underlain by Cache Creek Group metasediments intruded by Pennsylvanian and Permian talc-bearing ultramafics and a Cretaceous alaskite stock. Locally the older rocks are capped by Tertiary olivine basalt flows and scoria (Figure 4).

The Cache Creek Group rocks are of Pennsylvanian and Permian age and consist of limestone, chert and quartzite. Monger (1975) classifies the limestone and chert as forming part of the Kedahda Formation. The quartzite is light coloured, massive and fine grained. The chert is typically dark grey to black and locally is interlayered with argillite. The weakly fetid limestone is ash grey in colour and commonly appears sugary in texture. The limestone is metamorphosed to a skarn comprised of calc-silicates, garnet and lead, zinc, silver, copper mineralization near its contact with the alaskite.

The Pennsylvanian and Permian ultramafics are part of the Atlin Intrusions and consist of serpentinite and minor carbonatized serpentinite. The rock is usually dark green to dull waxy green in colour and talc-bearing. The carbonatized ultramafic is characterized by rusty orange-brown weathering and its recessive nature.

The B 2 claim is partly underlain by a Cretaceous alaskite that is a part of the Surprise Lake batholith. The rock is light coloured and varies in texture from coarse-grained to the more common fine-grained variety. Phenocrysts of smokey quartz and minor orthoclase in a fine-grained quartz-feldspar matrix typifies the fine-grained alaskite (Gupta, 1978).

The Tertiary basalts and scoria exposed along Ruby Creek as flows have been dated as being 100,000 years B.P. (Proudlock and Proudlock, 1976). A minimum of three flow events are evident in Ruby Creek. Discussions with local placer gold miners revealed that placer gold occurs in between the flows as well as in the gravels at the base of the oldest flow. The volcanics were extruded from the volcanic cone that forms Ruby Mountain.

The Cache Creek Group metasediments strike north-northeast and dip steeply to the east. A shear zone striking 015° occurs in talcose ultramafic near the western end of Surprise Lake. No folds were mapped on the property.

2.3 Economic Geology

The Atlin area has enjoyed a history of productive placer mining and to a lesser extent, hard rock mining. All gold recovered from the Atlin area is very coarse and many large nuggets have been found in the camp. The fine gold as well as the nuggets is often found intergrown with quartz, which in many cases, occurs as euhedral crystals. All important placer gold production has been from rich Tertiary gravels buried beneath a thick blanket of barren glacial till. Along Boulder Creek the Tertiary gravels extend upstream beyond the limit of economic gold values. On Ruby Creek, the upper end of the pay streak is hidden beneath a thick layer of Tertiary basalt but is expected to extend into the north half of the R 1 claim. After mapping and investigating the Atlin placer camp, J.M. Black (1953) proposed that the gold in Boulder and Ruby Creeks came from a mineralized zone that extends across the heads of the pay streaks in these two creeks. This zone, if it exists, should pass through the R 1 and B 2 claims on the Cream Silver property.

Nearby lode showings include the Black Diamond tungsten showing located one kilometre northwest of Ruby Mtn. and the Lakeview gold showing on Star Mtn.

The Black Diamond tungsten showing consists of numerous small

quartz veins, striking northeast and dipping steeply west, in an alaskite host. The veins contain disseminated wolframite and ferberite along with minor pyrite, chalcopyrite and galena. In 1943, a small shipment of cobbled ore totalling 0.895 ton assayed 0.31 oz. gold/ton, 15.2 percent tungstic oxide and small percentages of tin, bismuth, lead and copper.

The Lakeview showing located on the GDC 2 claim consists of a series of quartz veins, measuring up to four feet in width, emplaced in carbonatized andesite adjacent to a serpentinite. The showing was worked intermittently from 1902 to 1933 with a series of test pits, trenches and adits and found to be sparsely mineralized with pyrite, galena, chalcopyrite and the occasional speck of manganese oxide encrusted free gold. In 1981, the showing was acquired and re-examined by Yukon Revenue Mines Ltd. Their work showed low grade gold values over an extensive but delicate stockwork of carbonatized and silicified andesite developed adjacent to the quartz veins. The showing was staked by Cream Silver in 1983 after Yukon Revenue allowed their claims to lapse.

Mineralization found to date on the B 2 claim consists of a skarn, bearing pods of sulphide mineralization striking north-northeast (020°). Sulphides include pyrrhotite, chalcopyrite, sphalerite, galena and scheelite. Smaller high-grade pods include banded magnetite/pyrrhotite, chalcopyrite and sphalerite. Soil sample results show that the ten metre wide skarn may extend for 450 metres on the B 2 claim.

3. GEOCHEMISTRY

3.1 Grab Sampling

3.1.1 Sampling and Sample Treatment

A total of 29 grab samples were collected for assay from various rock types and quartz veins. Typically the samples consisted of two or three fist-sized representative specimens. Sample sites were indicated by orange flagging and the samples placed in labelled plastic bags. The samples were shipped to Chemex Labs Ltd. in North Vancouver for analysis. In the lab, the samples were crushed to minus 100 mesh and assayed for copper, lead, zinc, tungsten, tin, silver and gold.

3.1.2 Presentation and Discussion of Results

Table 3 gives a brief description of the grab samples together with the assay results and sample numbers. Sample locations are shown in Figure 4. Good results were obtained in samples taken from the skarn. The most encouraging results are from the B2-1B quartz vein located adjacent to the skarn in the saddle near the northern boundary of the B 2 claim and from sample no. 00013 located 400 metres southwest of the B2-1B vein and on line of strike of the skarn. Samples B2-1, B2-1A, 00010, 00011 and 00017 also contained appreciable mineralization. Although other samples did not assay as high in base metal content, several of them gave high silver values suggesting that important mineralization may exist below the zone of weathering.

TABLE 3

ROCK SAMPLE RESULTS FROM THE RUBY MOUNTAIN PROPERTY

| Sample No. | Cu (%) | Pb (%) | Zn (%) | WO ₃ (%) | Sn (%) | Ag (oz/t) | Au (oz/t) | Description |
|------------|--------|--------|--------|---------------------|--------|-----------|-----------|---|
| B1-1 | - | - | - | 0.02 | <0.01 | 0.18 | <0.003 | Massive quartz boulders with disseminated pyrite (2%), leached chip samples of pyritic boulders. |
| B1-1A | - | - | - | 0.01 | <0.01 | 0.01 | <0.003 | Massive milky and smokey quartz boulders with very minor fine-grained pyrite and galena(?). |
| B1-1B | - | - | - | 0.02 | <0.01 | 1.02 | <0.003 | Same as B1-1A. |
| B1-2 | - | - | - | 0.02 | <0.01 | 0.12 | <0.003 | Chip sample of a leached pyritic quartz vein containing 2% pyrite. |
| B1-2A | - | - | - | 0.01 | <0.01 | 0.01 | 0.004 | Massive leached quartz boulders containing minor pyrite veining. |
| B2-1 | 0.04 | 0.02 | 0.01 | 0.36 | 0.08 | 0.66 | <0.003 | Vuggy quartz vein with minor arsenopyrite and galena. Width varies from 0.6-3.6 m. Vein strikes 065°. |
| B2-1A | 0.52 | 0.03 | 0.04 | 0.22 | <0.01 | 0.56 | <0.003 | Massive pyrite, chalcopyrite and limonite marginal to the B2-1 quartz vein. |
| B2-1B | 0.77 | 5.14 | 0.92 | 0.02 | 0.57 | 12.34 | 0.005 | 30 cm wide zone in the quartz vein at B2-1 containing galena, arsenopyrite and pyrite up to 20%. |
| B2-2 | - | - | - | <0.01 | <0.01 | 0.32 | <0.003 | Chip samples of limonite stained quartz boulder in felsensmeer. Located 250 m west and along strike of the quartz vein at B2-1. |
| B2-3 | - | - | - | <0.01 | <0.01 | 0.28 | 0.005 | Chip sample of 10 cm wide quartz vein from old test pit containing minor limonite staining and minor arsenopyrite. |
| B2-4 | - | - | - | 0.01 | <0.01 | 0.01 | <0.003 | Chip sample across 3 m wide quartz vein seen as boulders in felsensmeer. Strike is approximately 150°. |
| B2-5 | - | - | - | 0.02 | <0.01 | 0.02 | <0.003 | Chip sample across a 2 m wide zone of limonite stained silicified siltstone. |

TABLE 3 Continued

GRAB SAMPLE RESULTS FROM THE RUBY MOUNTAIN PROPERTY

| <u>Sample No.</u> | <u>Cu (%)</u> | <u>Pb (%)</u> | <u>Zn (%)</u> | <u>WO₃ (%)</u> | <u>Sn (%)</u> | <u>Ag (oz/t)</u> | <u>Au (oz/t)</u> | <u>Description</u> |
|-------------------|---------------|---------------|---------------|---------------------------|---------------|------------------|------------------|---|
| 00008 | <0.01 | 0.03 | 0.01 | 0.002 | <0.01 | 0.18 | <0.003 | Narrow quartz vein hosted in ultramafic. |
| 00009 | <0.01 | 0.01 | 0.01 | 0.001 | <0.01 | 0.17 | <0.003 | Quartz float. |
| 00010 | 0.01 | 1.42 | 0.02 | 0.024 | 0.07 | 2.00 | <0.003 | Quartz veins in cherty argillite, minor pyrite and malachite. |
| 00011 | 0.42 | 0.06 | 0.05 | 0.221 | <0.01 | 0.92 | <0.003 | Banded mineralization taken from skarn. |
| 00012 | <0.01 | <0.01 | 0.01 | 0.003 | <0.01 | 0.08 | <0.003 | Quartz float |
| 00013 | <0.01 | 0.34 | <0.01 | 3.200 | <0.01 | 4.40 | 0.003 | Quartz float containing galena and wolframite. |
| 00014 | <0.01 | <0.01 | <0.01 | 0.046 | <0.01 | 0.24 | <0.003 | Milky white quartz with minor pyrite. |
| 00015 | <0.01 | 0.12 | <0.01 | 0.008 | <0.01 | 5.18 | 0.003 | Quartz vein containing 10% pyrite and galena. |
| 00016 | <0.01 | <0.01 | <0.01 | 0.004 | <0.01 | 0.24 | <0.003 | Quartz vein in alaskite with minor galena and pyrite. |
| 00017 | 0.09 | 0.47 | 0.77 | 0.002 | <0.01 | 1.14 | 0.005 | Vuggy quartz containing galena, chalcopyrite, malachite and minor bornite. |
| 00018 | 0.05 | 0.06 | 0.03 | <0.001 | <0.01 | 1.90 | 0.003 | Quartz blocks containing minor pyrite, chalcopyrite, galena, malachite and azurite. |
| 00019 | 0.03 | <0.01 | 0.01 | 0.003 | <0.01 | 0.18 | <0.003 | Black hornfels with minor chalcopyrite and disseminated pyrite. |

TABLE 3 Continued.

GRAB SAMPLE RESULTS FROM THE RUBY MOUNTAIN PROPERTY Cont.

| <u>Sample No.</u> | <u>Cu (%)</u> | <u>Pb (%)</u> | <u>Zn (%)</u> | <u>WO₃ (%)</u> | <u>Sn (%)</u> | <u>Ag oz/t</u> | <u>Au oz/t</u> | <u>Description</u> |
|-------------------|---------------|---------------|---------------|---------------------------|---------------|----------------|----------------|---|
| 00020 | <0.01 | <0.01 | 0.01 | <0.001 | <0.01 | 0.08 | <0.003 | Rusty, manganese-stained vuggy and fractured quartzs. |
| 00021 | 0.11 | <0.01 | 0.01 | <0.001 | <0.01 | 0.06 | <0.003 | Very rusty pyritic boulder. |
| 00022 | 0.13 | <0.01 | <0.01 | <0.001 | <0.01 | 1.42 | <0.003 | Quartz float with malachite, chalcocopyrite and pyrite. |
| 00023 | <0.01 | <0.01 | <0.01 | <0.001 | <0.01 | 0.12 | <0.003 | Rusty quartz float. |
| 00024 | <0.01 | <0.01 | <0.01 | <0.001 | <0.01 | 0.05 | <0.003 | White quartz vein. |

3.2 Soil Sampling

3.2.1 Sampling and Sample Treatment

Soil sampling was carried out over selected areas on the B 2 claim and across a trench on the GDC 2 claim to test for the presence of mineralization. A total of 257 'B' horizon soil samples were collected from the B 2 claim and 103 'B' horizon soil samples from the GDC 2 claim. Samples were collected with the aid of a mattock at 25 metre intervals along the grid lines. All samples were placed in labelled kraft envelopes and shipped to Chemex Labs Ltd. in North Vancouver for analysis.

In the laboratory, samples were overn-dried at approximately 60°C and sieved to minus 80 mesh. The coarse fraction was discarded and the minus 80 fraction analysed for Cu, Pb, Zn, Ag, Au, W and Sn. The GDC 2 soil samples were only analysed for Au. Selected anomalous soil samples from the GDC 2 claim were also analysed for 24 elements using the ICP-AES analytical technique.

3.2.2 Presentation and Discussion of Results

Soil sample results are plotted on Figures 5a through 5g and 6. The results show the majority of the B 2 soil samples to be anomalous in Cu, Pb, Zn, Ag, W and Sn. All gold values on the B 2 claim are disappointingly low. The anomalous soil samples have an approximate trend of northeast and appear to trace the skarn. The highest values occur in the saddle near the northern boundary of the B 2 claim where most of the overlying chert has eroded away. The large areal extent (400m X 100m) of extremely high values suggests that the skarn is larger at depth than exposed on surface.

Gold results from the GDC 2 claim show a range of values from trace to 840 ppb. Previous experience in the Atlin camp has shown that values of 20 ppb or greater may be considered important and possibly anomalous. Twenty-five of the samples have values of 20 ppb or greater and have an approximate trend of northeast. This is the

same trend as the quartz vein found to be sparsely mineralized with pyrite, galena, chalcopyrite and the occasional speck of manganese oxide encrusted free gold. The ICP-AES analyses indicate that Fe, Cu and Ag are useful pathfinder elements for gold mineralization.

4. GEOPHYSICS

4.1 Orientation Fluxgate Magnetometer Survey

4.1.1 Instrument and Survey Techniques

An orientation fluxgate magnetometer survey was conducted over two north-south lines spaced 100 metres apart on the B 2 claim. A total of 3.5 line kilometres were surveyed using a Scintrex MF-2 fluxgate magnetometer. Readings were taken in a northerly direction at 25 metre intervals along lines.

4.1.2 Presentation and Discussion of Results

Results of the survey are plotted as profiles and shown in Figure 7. Readings are in milligammas.

The results of the survey show a wide range of values from 5600 to 30 milligammas. The profiles show short, sharp fluctuations and may be indicating pods of highly magnetic mineralization just below surface.

5. CONCLUSIONS

The results of the 1983 programme indicate that the Ruby Mtn. property is a promising precious and base metals prospect. Mineralization on the B 2 and GDC 2 claims are associated with skarn zones and carbonatized zone respectively. Other important findings of the programme are summarized as follows:

- 1) Geologic mapping of the property shows Cache Creek Group rocks to be intruded by ultramafics of the Atlin Intrusions and a Cretaceous alaskite. Tertiary basalts cap the older rocks on the R 1 and part of the B 2 claims. Mineralization on the B 2 claim is hypothesized to have developed contemporaneously with the Cretaceous alaskite, near limy Cache Creek Group rocks.
- 2) Grab samples of several quartz veins and boulders assayed high in Pb, Zn, WO₃ and Ag. The best values were obtained from the surface exposures of the skarn.
- 3) Soil samples collected over the skarn zone returned extremely high Cu, Pb, Zn, Ag, W and Sn values. Samples collected from the GDC 2 claim show many to contain important and possibly anomalous gold values. Soil geochemistry appears to be an effective exploration tool in outlining mineralization on the property.
- 4) The orientation magnetometer survey appears to be outlining sub-surface pods of highly magnetic mineralization. A more extensive survey is required to test this hypothesis.

6. RECOMMENDATIONS

Additional surface exploration of the property is warranted. This work includes detailed geologic mapping and prospecting, soil sampling, chip sampling, fluxgate magnetometer and VLF-EM surveys, trenching and diamond drilling.

PHASE 1

- 1) Geologic mapping at a scale of 1:10,000 and prospecting is to be carried out over the entire property. Zones where limy and intrusive rocks occur adjacent to each other are to be carefully examined and noted. Similarly, carbonatized zones over the GDC claims are to be carefully noted.
- 2) Grab and/or chip samples are to be collected during the course of the mapping and prospecting programme. Samples are to be analysed for Cu, Pb, Zn, WO₃, Sn, Ag and Au.
- 3) A magnetometer survey is to be conducted over selected areas of the B claims. Areas are to be chosen on the basis of their geology. Grid lines are to be spaced 100 metres apart and readings taken at 25 metre intervals.
- 4) A VLF-EM survey is to be carried out over the GDC claims in an attempt to define mineralized quartz veins and shears. Lines are to be spaced 250 metres apart and readings taken at 25 metre intervals. Submarine transmitting station 'NPM' is to be used for the survey.
- 5) A trenching programme is to be carried out over areas defined by the 1983 soil geochemistry survey. A D-6 Cat is to be contracted for this programme. All trenches are to be systematically chip sampled and mapped.

PHASE 2

Diamond drilling is contingent upon the results of the Phase 1 trenching programme. Mineralization exposed by trenching should be drilled and tested at depth. Coincident geophysical and geochemical anomalies should also be tested by trenching and/or drilling.

Respectfully submitted,

Adrian Wong

C. Wong

A. Troup

A.G. Troup

REFERENCES

- Aitken, J.D., 1960, Geology, Atlin, Cassiar District, British Columbia: Geological Survey of Canada, Map 1082A, Scale 1:253,440.
- Black, J.M., 1953, Report on the Atlin Placer Camp: B.C. Ministry of Energy, Mines and Petroleum Resources, Open File Report, 71p.
- Gupta, U.D., 1978, Geological and Geochemical Assessment Report on the DAM, BOU, LEO Claims: Engineer's Report.
- Holland, S.S., 1950, Placer Gold Production of British Columbia: B.C. Ministry of Energy, Mines and Petroleum Resources, Bulletin 28, 89p.
- Monger, J.W.H., 1975, Upper Paleozoic Rocks of the Atlin Terrane, Northwestern British Columbia and South-Central Yukon: Geological Survey of Canada, Paper 74-47, 63p. and maps.
- Proudlock, P.J. and Proudlock, W.M., 1976, Stratigraphy of the Placers in the Atling Placer Mining Camp: B.C. Ministry of Energy, Mines and Petroleum Resources, Open File Report, 69p.
- Troup, A.G. and Wong, C., 1981, Geochemical and Geophysical Report on the Ruby Mountain Property: Engineer's Report.

COSTS STATEMENT
 CREAM SILVER MINES LTD.
 GEOLOGICAL, GEOCHEMICAL, and GEOPHYSICAL SURVEYS
14 July - 6 September 1983

GENERAL COSTS

FOOD AND ACCOMMODATION

4 Pers, 29 man days @ \$22.84 \$ 662.24

SUPPLIES 296.85

SHIPPING 74.75

POSTAGE 4.66

HELICOPTERS

TNT Air HU50D, 25Jul-3Sep, 3hrs @ \$543 1,629.00

RENTALS

Mark 4wd Bronco, 8 days @ \$43 \$344.00
 816km @ \$0.16 130.56
 Ezekiel Field Equipment, 29 man days @ \$6 174.00 648.56

REPAIRS 40.00

TELEPHONE SERVICE 8.00

FUEL 199.50

CONSULTANT FEES 675.00

REPORT PREPARATION 1,992.75

TOTAL GENERAL COSTS \$ 6,231.31
 =====

GEOLOGICAL SURVEY COSTS

SALARIES AND WAGES

4 Pers, 16 man days @ \$78.75 \$ 1,260.00

BENEFITS @ 20% 252.00

GENERAL COSTS

16/26 X \$6,231.31 3,834.65

TOTAL GEOLOGICAL SURVEY COSTS \$ 5,346.65
 =====

GEOCHEMICAL SURVEY COSTSSALARIES AND WAGES

| | |
|------------------------------|-----------|
| 4 Pers, 9 man days @ \$78.75 | \$ 708.75 |
|------------------------------|-----------|

| | |
|-----------------------|--------|
| <u>BENEFITS @ 20%</u> | 141.75 |
|-----------------------|--------|

ASSAYS AND ANALYSES - Chemex Labs

| | | |
|--|---------------|----------|
| 257 Soils, CU,PB,ZN,AG,AU,W,SN @ \$17.45 | \$4,562.95 | |
| 77 Soils, AU @ \$5.60 | 431.20 | |
| 17 Rocks, CU,PB,ZN,WO,SN,AG,AU @ \$46 | <u>782.00</u> | 5,776.15 |

GENERAL COSTS

| | |
|-------------------|-----------------|
| 9/26 X \$6,231.31 | <u>2,156.99</u> |
|-------------------|-----------------|

| | |
|---------------------------------------|----------------------|
| <u>TOTAL GEOCHEMICAL SURVEY COSTS</u> | \$ 8,783.64 ===== |
|---------------------------------------|----------------------|

GEOPHYSICAL SURVEY COSTSSALARIES AND WAGES

| | |
|----------------------------|----------|
| 1 Man, 1 man day @ \$78.75 | \$ 78.75 |
|----------------------------|----------|

| | |
|-----------------------|-------|
| <u>BENEFITS @ 20%</u> | 15.75 |
|-----------------------|-------|

RENTALS

| | | |
|--------------------------------|--------------|-------|
| Goliath MF-1 Mag, 1 day @ \$8 | \$ 8.00 | |
| Gallant MF-2 Mag, 1 day @ \$27 | <u>27.00</u> | 35.00 |

GENERAL COSTS

| | |
|-------------------|---------------|
| 1/26 X \$6,231.31 | <u>239.67</u> |
|-------------------|---------------|

| | |
|---------------------------------------|--------------------|
| <u>TOTAL GEOPHYSICAL SURVEY COSTS</u> | \$ 369.17 ===== |
|---------------------------------------|--------------------|

COSTS APPORTIONED
TO CLAIMS

| <u>CLAIM</u> | <u>GEOLOGICAL</u> | <u>GEOCHEMICAL</u> | <u>GEOPHYSICAL</u> | <u>TOTAL</u> |
|--------------|-------------------|--------------------|--------------------|-----------------|
| B 1 | \$2,673.32 | \$3,028.84 | | \$ 5,702.16 |
| B 2 | 2,673.33 | 3,028.84 | \$369.17 | 6,071.34 |
| GDC 2 | _____ | <u>2,725.96</u> | _____ | <u>2,725.96</u> |
| | \$5,346.65 | \$8,783.64 | \$369.17 | \$14,499.46 |
| | ===== | ===== | ===== | ===== |

STATEMENT OF QUALIFICATIONSA. TROUP, P.ENG.ACADEMIC

| | | |
|------|--------------------|------------------------------|
| 1967 | B.Sc. Geology | McMaster University, Ontario |
| 1969 | M.Sc. Geochemistry | McMaster University, Ontario |

PRACTICAL

| | | |
|------------------|--|---|
| 1981 - | 3605 Creery Ave. West Vancouver, B.C. | Consulting Geologist with Archean Engineering Ltd. |
| 1977 - 1980 | Geological Survey of Malaysia | Project Manager on a CIDA supported mineral explor- ation survey over peninsular Malaysia. |
| 1969 - 1977 | Rio Tinto Canadian Exploration Ltd. Vancouver, B.C. | Geologist involved in all aspects of mineral explor- ation in B.C., the Yukon and N.W.T. |
| 1968 | McMaster University Dept. of Geology Hamilton, Ontario | M.Sc. thesis work. Reconnaissance mapping and geochemical study, Lake Shubenicadia area, Nova Scotia. |
| 1967 (summer) | Canex Aerial Exploratijon Ltd. Toronto, Ontario | Geologist in charge of detailed mapping and reconnaissance geochemical programme in Gaspé, Quebec. |
| 1966 | McMaster University Dept. of Geology | Detailed and reconnaissance mapping in Northern Ontario. |
| 1965 (summer) | International Nickel Co. of Canada Thompson, Manitoba | Detailed mapping in the Thompson area, Manitoba. |
| 1964 (summer) | Geological Survey of Canada Ottawa, Ontario | Regional geochemical survey in the Keno Hill area, Yukon |

STATEMENT OF QUALIFICATIONSCOLMAN WONGACADEMIC

| | | |
|------|---------------|--------------------------------|
| 1981 | B.Sc. Geology | University of British Columbia |
|------|---------------|--------------------------------|

PRACTICAL

| | | |
|-------------------|--|---|
| 1981 - Present | Mark Management Ltd. Vancouver, B.C. | Project Geologist involved in all aspects of mineral exploration in B.C. and the Yukon. |
| 1980 (summer) | Hudson Bay Expl. and Dev. Co. Ltd., Vancouver, B.C. | Prospecting and detailed mapping in Central and West-central B.C. |
| 1979 (summer) | Hudson Bay Expl. and Dev. Co. Ltd., Vancouver, B.C. | Regional geochemical survey and prospecting in South-central and South-eastern B.C. |
| 1978 (summer) | Hudson Bay Expl. and Dev. Co. Ltd. Vancouver, B.C. | Property work in West-central Yukon and MacMillan Pass, Yukon. |



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CERT. # : A8314132-C01-A

INVOICE # : 18314132

DATE : 2-SEP-83

P.C. # : NCNE

RUBY PTN.

ATTN: ART TROUP AND COLMAN WONG

| Sample description | Prep code | Cu ppm | Pb ppm | Zn ppm | Ag ppm | AU-AA opp | w ppm |
|--------------------|-----------|--------|--------|--------|--------|-----------|-------|
| RM-001 | 201 | 150 | 96 | 340 | 1.5 | 20 | 18 |
| RM-002 | 201 | 48 | 36 | 125 | 0.2 | <10 | 9 |
| RM-003 | 201 | 48 | 28 | 139 | 0.1 | <10 | 19 |
| RM-004 | 201 | 58 | 46 | 149 | 0.1 | <10 | 12 |
| RM-005 | 201 | 77 | 80 | 260 | 0.8 | <10 | 19 |
| RM-006 | 201 | 115 | 148 | 485 | 1.2 | <10 | 28 |
| RM-007 | 201 | 125 | 160 | 490 | 1.4 | <10 | 28 |
| RM-008 | 201 | 395 | 1880 | 1300 | 22.0 | <10 | 125 |
| RM-009 | 201 | 360 | 220 | 750 | 4.0 | <10 | 60 |
| RM-010 | 201 | 210 | 160 | 330 | 1.0 | <10 | 25 |
| RM-011 | 201 | 148 | 180 | 560 | 1.3 | <10 | 26 |
| RM-012 | 201 | 82 | 117 | 665 | 1.3 | <10 | 21 |
| RM-013 | 201 | 200 | 355 | 1150 | 3.0 | <10 | 125 |
| RM-014 | 201 | 1850 | 1200 | 5100 | 18.0 | <10 | 450 |
| RM-015 | 201 | 663 | 1130 | 4000 | 11.5 | <10 | 100 |
| RM-016 | 201 | 710 | 1410 | 1500 | 13.5 | <10 | 45 |
| RM-017 | 201 | 340 | 270 | 960 | 2.7 | <10 | 23 |
| RM-018 | 201 | 110 | 102 | 685 | 0.7 | <10 | 16 |
| RM-019 | 201 | 172 | 570 | 1150 | 3.3 | <10 | 20 |
| RM-021 | 201 | 145 | 124 | 285 | 3.0 | <10 | 17 |
| RM-023 | 201 | 133 | 68 | 310 | 0.7 | <10 | 40 |
| RM-025 | 201 | 73 | 36 | 115 | 0.3 | <10 | 8 |
| RM-026 | 201 | 110 | 45 | 185 | 0.4 | <10 | 10 |
| RM-028 | 201 | 56 | 25 | 28 | 0.4 | <10 | 11 |
| RM-029 | 201 | 68 | 28 | 38 | 0.3 | <10 | 11 |
| RM-030 | 201 | 75 | 55 | 153 | 0.7 | <10 | 8 |
| RM-031 | 201 | 83 | 64 | 225 | 0.1 | <10 | 16 |
| RM-032 | 201 | 110 | 74 | 315 | 0.3 | <10 | 15 |
| RM-035 | 201 | 230 | 310 | 945 | 2.1 | <10 | 25 |
| RM-038 | 201 | 360 | 480 | 1600 | 5.8 | <10 | 125 |
| RM-039 | 201 | 200 | 280 | 755 | 3.5 | <10 | 38 |
| RM-040 | 201 | 135 | 390 | 560 | 3.0 | <10 | 13 |
| RM-041 | 201 | 430 | 2050 | 1200 | 12.3 | <10 | 16 |
| RM-042 | 201 | 620 | 2680 | 1250 | 22.0 | <10 | 80 |
| RM-043 | 201 | 405 | 4050 | 1400 | 22.0 | <10 | 60 |
| RM-044 | 201 | 3080 | 7450 | 2100 | >100.0 | <10 | 175 |
| RM-045 | 201 | 123 | 64 | 360 | 1.0 | <10 | 4 |
| RM-046 | 201 | 102 | 190 | 375 | 1.0 | <10 | 14 |
| RM-047 | 201 | 235 | 80 | 190 | 1.2 | <10 | 20 |
| RM-048 | 201 | 275 | 157 | 355 | 3.6 | <10 | 21 |



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INVOICE # : 18314132
DATE : 2-SEP-83
P.C. # : NCAE
RUBY MTN.

ATTN: ART TROUP AND COLMAN WCNG

| Sample description | Prep code | Sr ppm | | | | | | |
|--------------------|-----------|--------|----|----|----|----|----|----|
| RM-001 | 201 | 7 | -- | -- | -- | -- | -- | -- |
| RM-002 | 201 | 15 | -- | -- | -- | -- | -- | -- |
| RM-003 | 201 | 5 | -- | -- | -- | -- | -- | -- |
| RM-004 | 201 | 35 | -- | -- | -- | -- | -- | -- |
| RM-005 | 201 | 28 | -- | -- | -- | -- | -- | -- |
| RM-006 | 201 | 87 | -- | -- | -- | -- | -- | -- |
| RM-007 | 201 | 39 | -- | -- | -- | -- | -- | -- |
| RM-008 | 201 | 150 | -- | -- | -- | -- | -- | -- |
| RM-009 | 201 | 65 | -- | -- | -- | -- | -- | -- |
| RM-010 | 201 | 24 | -- | -- | -- | -- | -- | -- |
| RM-011 | 201 | 20 | -- | -- | -- | -- | -- | -- |
| RM-012 | 201 | 19 | -- | -- | -- | -- | -- | -- |
| RM-013 | 201 | 22 | -- | -- | -- | -- | -- | -- |
| RM-014 | 201 | 255 | -- | -- | -- | -- | -- | -- |
| RM-015 | 201 | 110 | -- | -- | -- | -- | -- | -- |
| RM-016 | 201 | 68 | -- | -- | -- | -- | -- | -- |
| RM-017 | 201 | 22 | -- | -- | -- | -- | -- | -- |
| RM-018 | 201 | 7 | -- | -- | -- | -- | -- | -- |
| RM-019 | 201 | 29 | -- | -- | -- | -- | -- | -- |
| RM-021 | 201 | 15 | -- | -- | -- | -- | -- | -- |
| RM-023 | 201 | 38 | -- | -- | -- | -- | -- | -- |
| RM-025 | 201 | 13 | -- | -- | -- | -- | -- | -- |
| RM-026 | 201 | 6 | -- | -- | -- | -- | -- | -- |
| RM-028 | 201 | 13 | -- | -- | -- | -- | -- | -- |
| RM-029 | 201 | 5 | -- | -- | -- | -- | -- | -- |
| RM-030 | 201 | 8 | -- | -- | -- | -- | -- | -- |
| RM-031 | 201 | 6 | -- | -- | -- | -- | -- | -- |
| RM-032 | 201 | 7 | -- | -- | -- | -- | -- | -- |
| RM-035 | 201 | 16 | -- | -- | -- | -- | -- | -- |
| RM-038 | 201 | 100 | -- | -- | -- | -- | -- | -- |
| RM-039 | 201 | 36 | -- | -- | -- | -- | -- | -- |
| RM-040 | 201 | 26 | -- | -- | -- | -- | -- | -- |
| RM-041 | 201 | 140 | -- | -- | -- | -- | -- | -- |
| RM-042 | 201 | 295 | -- | -- | -- | -- | -- | -- |
| RM-043 | 201 | 300 | -- | -- | -- | -- | -- | -- |
| RM-044 | 201 | 810 | -- | -- | -- | -- | -- | -- |
| RM-045 | 201 | 13 | -- | -- | -- | -- | -- | -- |
| RM-046 | 201 | 6 | -- | -- | -- | -- | -- | -- |
| RM-047 | 201 | 10 | -- | -- | -- | -- | -- | -- |
| RM-048 | 201 | 30 | -- | -- | -- | -- | -- | -- |

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CERT. # : A8314132-C02-A
INVOICE # : 18314132
DATE : 2-SEP-83
P.C. # : NONE
RUBY MTN.

ATTN: ART TROUP AND CCLMAN WONG

| Sample description | Prec code | Cu ppm | Pb ppm | Zn ppm | Ag ppm | AU-AA ppb | w ppm |
|--------------------|-----------|--------|--------|--------|--------|-----------|-------|
| RM-049 | 201 | 200 | 120 | 320 | 1.8 | <10 | 60 |
| RM-050 | 201 | 143 | 230 | 370 | 1.5 | <10 | 32 |
| RM-051 | 201 | 105 | 203 | 300 | 3.0 | <10 | 16 |
| RM-052 | 201 | 180 | 303 | 480 | 2.5 | <10 | 32 |
| RM-053 | 201 | 42 | 69 | 183 | 1.0 | <10 | 22 |
| RM-054 | 201 | 95 | 108 | 405 | 1.0 | <10 | 40 |
| RM-055 | 201 | 73 | 87 | 330 | 0.3 | <10 | 40 |
| RM-056 | 217 | 122 | 100 | 390 | 1.5 | <10 | 35 |
| RM-057 | 201 | 158 | 185 | 420 | 2.3 | <10 | 16 |
| RM-059 | 201 | 130 | 500 | 375 | 1.4 | <10 | 32 |
| RM-060 | 201 | 52 | 106 | 250 | 0.4 | <10 | 6 |
| RM-061 | 201 | 58 | 98 | 235 | 0.9 | <10 | 8 |
| RM-062 | 201 | 86 | 153 | 290 | 1.0 | <10 | 16 |
| RM-063 | 201 | 51 | 78 | 205 | 0.9 | <10 | 7 |
| RM-064 | 201 | 58 | 130 | 315 | 0.9 | <10 | 11 |
| RM-065 | 201 | 75 | 170 | 385 | 0.9 | <10 | 9 |
| RM-066 | 201 | 175 | 328 | 575 | 1.8 | <10 | 22 |
| RM-067 | 201 | 150 | 440 | 780 | 1.7 | <10 | 15 |
| RM-068 | 201 | 58 | 150 | 350 | 0.5 | <10 | 8 |
| RM-069 | 201 | 48 | 108 | 300 | 0.5 | <10 | 21 |
| RM-070 | 201 | 58 | 51 | 210 | 0.1 | <10 | 3 |
| RM-071 | 201 | 320 | 580 | 1500 | 3.0 | <10 | 25 |
| RM-072 | 201 | 133 | 68 | 290 | 0.5 | <10 | 32 |
| RM-073 | 201 | 540 | 407 | 615 | 10.0 | <10 | 80 |
| RM-074 | 201 | 390 | 309 | 545 | 3.5 | <10 | 25 |
| RM-075 | 201 | 210 | 134 | 415 | 1.8 | <10 | 16 |
| RM-076 | 201 | 175 | 135 | 380 | 1.1 | <10 | 16 |
| RM-077 | 201 | 248 | 180 | 585 | 2.5 | 10 | 17 |
| RM-078 | 201 | 160 | 250 | 520 | 2.0 | <10 | 28 |
| RM-079 | 201 | 125 | 270 | 505 | 1.4 | <10 | 16 |
| RM-082 | 201 | 145 | 270 | 555 | 1.8 | <10 | 16 |
| RM-083 | 201 | 175 | 355 | 760 | 2.2 | <10 | 16 |
| RM-084 | 201 | 122 | 345 | 595 | 1.4 | <10 | 18 |
| RM-085 | 201 | 95 | 228 | 425 | 0.4 | <10 | 15 |
| RM-086 | 201 | 38 | 38 | 108 | 1.0 | <10 | 7 |
| RM-087 | 201 | 103 | 70 | 300 | 0.7 | <10 | 17 |
| RM-088 | 201 | 148 | 1000 | 1050 | 6.3 | <10 | 15 |
| RM-089 | 201 | 122 | 900 | 970 | 5.2 | <10 | 17 |
| RM-090 | 201 | 122 | 760 | 875 | 6.6 | <10 | 11 |
| RM-091 | 201 | 118 | 980 | 750 | 4.3 | <10 | 45 |



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1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314132-C02-B
INVOICE # : I8314132
DATE : 2-SEP-83
P.C. # : NCNE
RUBY MTA.

ATTN: ART TRCUP AND COLMAN WONG

| Sample description | Prep code | Sn ppr | | | | | | |
|--------------------|-----------|--------|----|----|----|----|----|----|
| RM-049 | 201 | 19 | -- | -- | -- | -- | -- | -- |
| RM-050 | 201 | 31 | -- | -- | -- | -- | -- | -- |
| RM-051 | 201 | 27 | -- | -- | -- | -- | -- | -- |
| RM-052 | 201 | 31 | -- | -- | -- | -- | -- | -- |
| RM-053 | 201 | 11 | -- | -- | -- | -- | -- | -- |
| RM-054 | 201 | 36 | -- | -- | -- | -- | -- | -- |
| RM-055 | 201 | 12 | -- | -- | -- | -- | -- | -- |
| RM-056 | 217 | 38 | -- | -- | -- | -- | -- | -- |
| RM-057 | 201 | 9 | -- | -- | -- | -- | -- | -- |
| RM-059 | 201 | 27 | -- | -- | -- | -- | -- | -- |
| RM-060 | 201 | 7 | -- | -- | -- | -- | -- | -- |
| RM-061 | 201 | 8 | -- | -- | -- | -- | -- | -- |
| RM-062 | 201 | 24 | -- | -- | -- | -- | -- | -- |
| RM-063 | 201 | 8 | -- | -- | -- | -- | -- | -- |
| RM-064 | 201 | 4 | -- | -- | -- | -- | -- | -- |
| RM-065 | 201 | 8 | -- | -- | -- | -- | -- | -- |
| RM-066 | 201 | 47 | -- | -- | -- | -- | -- | -- |
| RM-067 | 201 | 20 | -- | -- | -- | -- | -- | -- |
| RM-068 | 201 | 4 | -- | -- | -- | -- | -- | -- |
| RM-069 | 201 | 3 | -- | -- | -- | -- | -- | -- |
| RM-070 | 201 | 3 | -- | -- | -- | -- | -- | -- |
| RM-071 | 201 | 40 | -- | -- | -- | -- | -- | -- |
| RM-072 | 201 | 3 | -- | -- | -- | -- | -- | -- |
| RM-073 | 201 | 69 | -- | -- | -- | -- | -- | -- |
| RM-074 | 201 | 28 | -- | -- | -- | -- | -- | -- |
| RM-075 | 201 | 31 | -- | -- | -- | -- | -- | -- |
| RM-076 | 201 | 18 | -- | -- | -- | -- | -- | -- |
| RM-077 | 201 | 12 | -- | -- | -- | -- | -- | -- |
| RM-078 | 201 | 21 | -- | -- | -- | -- | -- | -- |
| RM-079 | 201 | 20 | -- | -- | -- | -- | -- | -- |
| RM-082 | 201 | 17 | -- | -- | -- | -- | -- | -- |
| RM-083 | 201 | 12 | -- | -- | -- | -- | -- | -- |
| RM-084 | 201 | 20 | -- | -- | -- | -- | -- | -- |
| RM-085 | 201 | 7 | -- | -- | -- | -- | -- | -- |
| RM-086 | 201 | 4 | -- | -- | -- | -- | -- | -- |
| RM-087 | 201 | 4 | -- | -- | -- | -- | -- | -- |
| RM-088 | 201 | 29 | -- | -- | -- | -- | -- | -- |
| RM-089 | 201 | 48 | -- | -- | -- | -- | -- | -- |
| RM-090 | 201 | 36 | -- | -- | -- | -- | -- | -- |
| RM-091 | 201 | 135 | -- | -- | -- | -- | -- | -- |



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GEOCHEMISTS

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V6B 1N2

CERT. # : A8314132-C03-A
INVOICE # : 18314132
DATE : 2-SEP-83
P.C. # : NGNE
RUBY MTR.

ATTN: ART TRCUP AND CELMAN WONG

| Sample description | Prep code | Cu ppm | Pb ppm | Zn ppm | Ag ppm | AU-AA ppb | W ppm |
|--------------------|-----------|--------|--------|--------|--------|-----------|-------|
| RM-092 | 2C1 | 135 | 1100 | 940 | 5.7 | <10 | 55 |
| RM-093 | 2C1 | 172 | 1460 | 1275 | 6.5 | <10 | 60 |
| RM-094 | 2C1 | 63 | 920 | 445 | 4.7 | <10 | 21 |
| RM-095 | 2C1 | 173 | 1650 | 1300 | 8.9 | <10 | 12 |
| RM-096 | 2C1 | 127 | 1560 | 1400 | 6.9 | <10 | 80 |
| RM-097 | 2C1 | 210 | 2430 | 2300 | 12.8 | 20 | 90 |
| RM-099 | 201 | 150 | 1270 | 1450 | 0.5 | <10 | 45 |
| RM-100 | 201 | 265 | 640 | 800 | 28.0 | <10 | 50 |
| RM-102 | 201 | 490 | 570 | 1850 | 11.0 | <10 | 250 |
| RM-103 | 201 | 395 | 510 | 1400 | 10.2 | <10 | 300 |
| RM-104 | 201 | 218 | 410 | 990 | 4.0 | <10 | 65 |
| RM-105 | 201 | 235 | 350 | 860 | 2.5 | <10 | 45 |
| RM-106 | 201 | 215 | 238 | 675 | 2.5 | <10 | 32 |
| RM-107 | 201 | 125 | 142 | 450 | 1.4 | 10 | 13 |
| RM-108 | 201 | 140 | 160 | 365 | 1.8 | <10 | 28 |
| RM-109 | 201 | 165 | 174 | 410 | 2.2 | <10 | 22 |
| RM-110 | 201 | 133 | 123 | 340 | 1.4 | <10 | 16 |
| RM-111 | 201 | 83 | 72 | 200 | 1.2 | <10 | 11 |
| RM-112 | 201 | 82 | 52 | 230 | 1.0 | <10 | 7 |
| RM-113 | 201 | 72 | 42 | 220 | 0.7 | <10 | 11 |
| RM-114 | 201 | 90 | 62 | 285 | 0.6 | <10 | 28 |
| RM-115 | 201 | 103 | 75 | 320 | 0.9 | <10 | 9 |
| RM-116 | 201 | 88 | 43 | 290 | 0.5 | <10 | 12 |
| RM-118 | 201 | 55 | 860 | 310 | 2.9 | <10 | 11 |
| RM-119 | 201 | 53 | 430 | 335 | 2.5 | <10 | 17 |
| RM-121 | 203 | 125 | 940 | 825 | 6.0 | <10 | 28 |
| RM-123 | 203 | 82 | 610 | 340 | 7.0 | <10 | 10 |
| RM-124 | 201 | 185 | 730 | 830 | 6.8 | <10 | 75 |
| RM-125 | 201 | 95 | 520 | 675 | 2.9 | <10 | 32 |
| RM-126 | 201 | 210 | 428 | 925 | 6.6 | <10 | 9 |
| RM-128 | 201 | 228 | 462 | 600 | 4.4 | <10 | 13 |
| RM-129 | 201 | 325 | 4300 | 910 | 23.0 | <10 | 35 |
| RM-130 | 201 | 116 | 224 | 215 | 3.0 | <10 | 11 |
| RM-131 | 201 | 200 | 142 | 430 | 2.6 | <10 | 21 |
| RM-132 | 201 | 335 | 207 | 425 | 3.5 | <10 | 80 |
| RM-133 | 201 | 240 | 165 | 355 | 2.6 | <10 | 22 |
| RM-134 | 201 | 280 | 332 | 325 | 3.3 | <10 | 22 |
| RM-135 | 201 | 240 | 170 | 400 | 1.8 | <10 | 21 |
| RM-136 | 201 | 200 | 168 | 350 | 1.8 | <10 | 23 |
| RM-137 | 201 | 215 | 187 | 440 | 3.0 | <10 | 24 |



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TC : CREAM SILVER MINES LTD.,

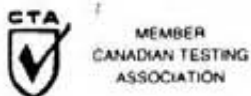
1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314132-C03-1
INVOICE # : 18314132
DATE : 2-SEP-83
P.C. # : NCNE
RUBY MTA.

ATTN: ART TRCUP AND CCLMAN WCNG

| Sample description | Prep code | Sn ppr | | | | | |
|--------------------|-----------|--------|----|----|----|----|----|
| RM-092 | 201 | 88 | -- | -- | -- | -- | -- |
| RM-093 | 201 | 120 | -- | -- | -- | -- | -- |
| RM-094 | 201 | 50 | -- | -- | -- | -- | -- |
| RM-095 | 201 | 55 | -- | -- | -- | -- | -- |
| RM-096 | 201 | 130 | -- | -- | -- | -- | -- |
| RM-097 | 201 | 255 | -- | -- | -- | -- | -- |
| RM-099 | 201 | 74 | -- | -- | -- | -- | -- |
| RM-100 | 201 | 100 | -- | -- | -- | -- | -- |
| RM-102 | 201 | 72 | -- | -- | -- | -- | -- |
| RM-103 | 201 | 82 | -- | -- | -- | -- | -- |
| RM-104 | 201 | 33 | -- | -- | -- | -- | -- |
| RM-105 | 201 | 28 | -- | -- | -- | -- | -- |
| RM-106 | 201 | 15 | -- | -- | -- | -- | -- |
| RM-107 | 201 | 16 | -- | -- | -- | -- | -- |
| RM-108 | 201 | 21 | -- | -- | -- | -- | -- |
| RM-109 | 201 | 11 | -- | -- | -- | -- | -- |
| RM-110 | 201 | 7 | -- | -- | -- | -- | -- |
| RM-111 | 201 | 4 | -- | -- | -- | -- | -- |
| RM-112 | 201 | 6 | -- | -- | -- | -- | -- |
| RM-113 | 201 | 4 | -- | -- | -- | -- | -- |
| RM-114 | 201 | 19 | -- | -- | -- | -- | -- |
| RM-115 | 201 | 14 | -- | -- | -- | -- | -- |
| RM-116 | 201 | 11 | -- | -- | -- | -- | -- |
| RM-118 | 201 | 16 | -- | -- | -- | -- | -- |
| RM-119 | 201 | 43 | -- | -- | -- | -- | -- |
| RM-121 | 203 | 80 | -- | -- | -- | -- | -- |
| RM-123 | 203 | 80 | -- | -- | -- | -- | -- |
| RM-124 | 201 | 89 | -- | -- | -- | -- | -- |
| RM-125 | 201 | 81 | -- | -- | -- | -- | -- |
| RM-126 | 201 | 42 | -- | -- | -- | -- | -- |
| RM-128 | 201 | 45 | -- | -- | -- | -- | -- |
| RM-129 | 201 | 330 | -- | -- | -- | -- | -- |
| RM-130 | 201 | 14 | -- | -- | -- | -- | -- |
| RM-131 | 201 | 34 | -- | -- | -- | -- | -- |
| RM-132 | 201 | 49 | -- | -- | -- | -- | -- |
| RM-133 | 201 | 29 | -- | -- | -- | -- | -- |
| RM-134 | 201 | 22 | -- | -- | -- | -- | -- |
| RM-135 | 201 | 28 | -- | -- | -- | -- | -- |
| RM-136 | 201 | 49 | -- | -- | -- | -- | -- |
| RM-137 | 201 | 25 | -- | -- | -- | -- | -- |

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V6B 1N2

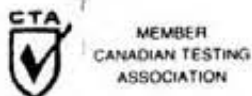
CERT. # : A8314132-C04-1
INV. # : I8314132
DATE : 2-SEP-83
P.O. # : NONE
RUBY MTN.

ATTN: ART TROUP AND COLMAN WONG

| Sample description | Prep code | Cu ppr | Pb ppm | Zn ppr | Ag ppm | AU-AA ppb | W ppm |
|--------------------|-----------|--------|--------|--------|--------|-----------|-------|
| RM-138 | 203 | 205 | 138 | 385 | 2.2 | <10 | 13 |
| RM-139 | 201 | 44 | 33 | 140 | 0.5 | <10 | 4 |
| RM-140 | 201 | 65 | 31 | 179 | 0.4 | <10 | 3 |
| RM-141 | 201 | 98 | 41 | 285 | 0.5 | <10 | 8 |
| RM-142 | 201 | 130 | 64 | 300 | 1.4 | <10 | 9 |
| RM-143 | 201 | 55 | 31 | 157 | 0.5 | <10 | 8 |
| RM-144 | 203 | 30 | 24 | 111 | 0.1 | <10 | 7 |
| RM-145 | 201 | 28 | 19 | 95 | 0.1 | <10 | 8 |

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GEOCHEMISTS

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1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : AB314132-C04-E
INVOICE # : 18314132
DATE : 2-SEP-83
P.C. # : NCNE
RUBY MTN.

ATTN: ART TRCUP AND COLMAN WCNG

| Sample description | Prep code | Sn ppm | | | | | | |
|--------------------|-----------|--------|----|----|----|----|----|----|
| RM-138 | 203 | 20 | -- | -- | -- | -- | -- | -- |
| RM-139 | 201 | 5 | -- | -- | -- | -- | -- | -- |
| RM-140 | 201 | 3 | -- | -- | -- | -- | -- | -- |
| RM-141 | 201 | 10 | -- | -- | -- | -- | -- | -- |
| RM-142 | 201 | 13 | -- | -- | -- | -- | -- | -- |
| RM-143 | 201 | 6 | -- | -- | -- | -- | -- | -- |
| RM-144 | 203 | 4 | -- | -- | -- | -- | -- | -- |
| RM-145 | 201 | 2 | -- | -- | -- | -- | -- | -- |



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TO : CREAM SILVER MINES LTD.,

1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314793-C01-A
INV. # : 18314793
DATE : 22-SEP-83
P.C. # : NCNE
RUBY MTN.

ATTN: ART TROUP AND CELMAN WONG

| Sample description | Prep code | Cu ppm | Pb ppm | Zn ppm | Ag ppm | AU-AA ppb | W ppm |
|--------------------|-----------|--------|--------|--------|--------|-----------|-------|
| RM-200 | 201 | 44 | 208 | 256 | 1.6 | <10 | 6 |
| RM-201 | 201 | 78 | 380 | 388 | 2.9 | <10 | 8 |
| RM-202 | 201 | 93 | 285 | 305 | 4.0 | <10 | 8 |
| RM-203 | 201 | 115 | 315 | 331 | 3.8 | <10 | 10 |
| RM-204 | 201 | 130 | 650 | 320 | 5.5 | <10 | 13 |
| RM-205 | 201 | 104 | 640 | 250 | 5.8 | <10 | 12 |
| RM-206 | 201 | 55 | 442 | 211 | 2.6 | <10 | 9 |
| RM-208 | 201 | 153 | 1300 | 424 | 9.8 | <10 | 32 |
| RM-209 | 201 | 124 | 770 | 450 | 10.8 | <10 | 25 |
| RM-210 | 201 | 188 | 260 | 920 | 5.0 | <10 | 21 |
| RM-211 | 201 | 222 | 155 | 590 | 3.0 | <10 | 16 |
| RM-212 | 201 | 104 | 126 | 415 | 2.0 | <10 | 22 |
| RM-213 | 201 | 82 | 28 | 133 | 0.5 | <10 | 4 |
| RM-214 | 201 | 90 | 41 | 190 | 1.5 | <10 | 18 |
| RM-215 | 201 | 195 | 134 | 395 | 2.5 | <10 | 18 |
| RM-216 | 201 | 165 | 140 | 351 | 2.1 | <10 | 40 |
| RM-217 | 201 | 175 | 131 | 335 | 1.8 | <10 | 28 |
| RM-218 | 201 | 170 | 112 | 360 | 1.8 | <10 | 25 |
| RM-219 | 201 | 148 | 99 | 326 | 1.6 | <10 | 16 |
| RM-220 | 201 | 125 | 51 | 223 | 1.0 | <10 | 6 |
| RM-221 | 201 | 125 | 53 | 226 | 0.8 | <10 | 9 |
| RM-222 | 201 | 110 | 48 | 242 | 0.8 | <10 | 11 |
| RM-225 | 201 | 70 | 30 | 175 | 0.2 | <10 | 8 |
| RM-226 | 201 | 90 | 61 | 285 | 0.6 | <10 | 6 |
| RM-228 | 201 | 24 | 27 | 133 | 0.1 | <10 | 6 |
| RM-229 | 201 | 85 | 163 | 193 | 1.3 | <10 | 7 |
| RM-231 | 201 | 92 | 93 | 208 | 1.0 | <10 | 22 |
| RM-234 | 201 | 55 | 55 | 255 | 0.9 | <10 | 5 |
| RM-235 | 201 | 130 | 72 | 510 | 1.5 | <10 | 7 |
| RM-238 | 201 | 50 | 107 | 181 | 1.7 | <10 | 8 |
| RM-239 | 201 | 180 | 148 | 400 | 2.7 | <10 | 10 |
| RM-240 | 201 | 170 | 173 | 320 | 3.5 | <10 | 12 |
| RM-241 | 201 | 130 | 103 | 215 | 2.0 | <10 | 6 |
| RM-242 | 201 | 38 | 40 | 177 | 0.2 | <10 | 8 |
| RM-243 | 201 | 40 | 43 | 190 | 0.1 | 10 | 11 |
| RM-244 | 201 | 95 | 68 | 312 | 0.6 | <10 | 16 |
| RM-245 | 201 | 62 | 46 | 238 | 0.2 | 10 | 14 |
| RM-246 | 201 | 94 | 69 | 400 | 0.8 | <10 | 13 |
| RM-248 | 201 | 125 | 59 | 296 | 0.6 | <10 | 12 |
| RM-249 | 201 | 112 | 62 | 300 | 1.0 | <10 | 9 |



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TELEX: 043-52597

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1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314793-C01-B

INVOICE # : 18314793

DATE : 22-SEP-83

P.C. # : NONE

RUBY MTA.

ATTN: ART TRCUP AND COLMAN WONG

| Sample description | Prec code | Sn ppr | | | | | | |
|--------------------|-----------|--------|----|----|----|----|----|----|
| RM-200 | 201 | 6 | -- | -- | -- | -- | -- | -- |
| RM-201 | 201 | 40 | -- | -- | -- | -- | -- | -- |
| RM-202 | 201 | 15 | -- | -- | -- | -- | -- | -- |
| RM-203 | 201 | 22 | -- | -- | -- | -- | -- | -- |
| RM-204 | 201 | 35 | -- | -- | -- | -- | -- | -- |
| RM-205 | 201 | 38 | -- | -- | -- | -- | -- | -- |
| RM-206 | 201 | 28 | -- | -- | -- | -- | -- | -- |
| RM-208 | 201 | 240 | -- | -- | -- | -- | -- | -- |
| RM-209 | 201 | 80 | -- | -- | -- | -- | -- | -- |
| RM-210 | 201 | 24 | -- | -- | -- | -- | -- | -- |
| RM-211 | 201 | 10 | -- | -- | -- | -- | -- | -- |
| RM-212 | 201 | 19 | -- | -- | -- | -- | -- | -- |
| RM-213 | 201 | 9 | -- | -- | -- | -- | -- | -- |
| RM-214 | 201 | 6 | -- | -- | -- | -- | -- | -- |
| RM-215 | 201 | 8 | -- | -- | -- | -- | -- | -- |
| RM-216 | 201 | 15 | -- | -- | -- | -- | -- | -- |
| RM-217 | 201 | 21 | -- | -- | -- | -- | -- | -- |
| RM-218 | 201 | 16 | -- | -- | -- | -- | -- | -- |
| RM-219 | 201 | 14 | -- | -- | -- | -- | -- | -- |
| RM-220 | 201 | 9 | -- | -- | -- | -- | -- | -- |
| RM-221 | 201 | 6 | -- | -- | -- | -- | -- | -- |
| RM-222 | 201 | 8 | -- | -- | -- | -- | -- | -- |
| RM-225 | 201 | 13 | -- | -- | -- | -- | -- | -- |
| RM-226 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-228 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-229 | 201 | 5 | -- | -- | -- | -- | -- | -- |
| RM-231 | 201 | 5 | -- | -- | -- | -- | -- | -- |
| RM-234 | 201 | 3 | -- | -- | -- | -- | -- | -- |
| RM-235 | 201 | 4 | -- | -- | -- | -- | -- | -- |
| RM-238 | 201 | 4 | -- | -- | -- | -- | -- | -- |
| RM-239 | 201 | 3 | -- | -- | -- | -- | -- | -- |
| RM-240 | 201 | 5 | -- | -- | -- | -- | -- | -- |
| RM-241 | 201 | 7 | -- | -- | -- | -- | -- | -- |
| RM-242 | 201 | 5 | -- | -- | -- | -- | -- | -- |
| RM-243 | 201 | 3 | -- | -- | -- | -- | -- | -- |
| RM-244 | 201 | 16 | -- | -- | -- | -- | -- | -- |
| RM-245 | 201 | 6 | -- | -- | -- | -- | -- | -- |
| RM-246 | 201 | 7 | -- | -- | -- | -- | -- | -- |
| RM-248 | 201 | 3 | -- | -- | -- | -- | -- | -- |
| RM-249 | 201 | 7 | -- | -- | -- | -- | -- | -- |



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TELEX: 043-52597

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TO : CREAM SILVER MINES LTD.,

1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314793-0C2-A

INVOICE # : I8314793

DATE : 22-SEP-83

P.C. # : NGNE

RUBY MTN.

ATTN: ART TRCUP AND COLMAN WONG

| Sample description | Prep code | Cu ppm | Pb ppm | Zn ppm | Ag ppm | AU-AA ppt | W ppm |
|--------------------|-----------|--------|--------|--------|--------|-----------|-------|
| RM-250 | 201 | 63 | 30 | 178 | 0.1 | <10 | 3 |
| RM-255 | 201 | 72 | 60 | 370 | 1.8 | <10 | 5 |
| RM-256 | 201 | 48 | 33 | 189 | 0.3 | <10 | 6 |
| RM-257 | 201 | 35 | 34 | 132 | 0.1 | <10 | 7 |
| RM-400 | 201 | 74 | 6 | 95 | 0.1 | <10 | 8 |
| RM-401 | 201 | 30 | 2 | 69 | 0.1 | <10 | 1 |
| RM-402 | 201 | 64 | 5 | 90 | 0.1 | <10 | 1 |
| RM-403 | 201 | 50 | 3 | 93 | 0.1 | <10 | 1 |
| RM-404 | 201 | 72 | 2 | 92 | 0.1 | <10 | 1 |
| RM-405 | 201 | 120 | 4 | 100 | 0.1 | <10 | 1 |
| RM-406 | 201 | 95 | 4 | 85 | 0.1 | <10 | 1 |
| RM-407 | 201 | 64 | 3 | 84 | 0.1 | <10 | 1 |
| RM-408 | 201 | 80 | 2 | 80 | 0.1 | <10 | 1 |
| RM-409 | 201 | 235 | 2 | 86 | 0.1 | <10 | 1 |
| RM-410 | 201 | 88 | 3 | 84 | 0.1 | <10 | 1 |
| RM-411 | 201 | 105 | 4 | 75 | 0.1 | <10 | 1 |
| RM-412 | 201 | 80 | 3 | 82 | 0.1 | <10 | 1 |
| RM-413 | 201 | 59 | 136 | 138 | 0.1 | <10 | 1 |
| RM-414 | 201 | 62 | 164 | 151 | 0.1 | <10 | 1 |
| RM-415 | 201 | 63 | 33 | 117 | 0.1 | <10 | 1 |
| RM-416 | 201 | 220 | 9 | 183 | 0.2 | <10 | 1 |
| RM-417 | 201 | 80 | 10 | 106 | 0.3 | <10 | 1 |
| RM-418 | 201 | 83 | 12 | 117 | 0.1 | <10 | 2 |
| RM-419 | 201 | 138 | 23 | 124 | 0.5 | <10 | 4 |
| RM-420 | 201 | 42 | 14 | 105 | 0.1 | <10 | 1 |
| RM-421 | 201 | 70 | 6 | 99 | 0.2 | <10 | 1 |
| RM-422 | 201 | 130 | 16 | 210 | 0.1 | <10 | 1 |
| RM-423 | 201 | 128 | 7 | 94 | 0.1 | <10 | 1 |
| RM-424 | 201 | 160 | 6 | 198 | 1.0 | 10 | 5 |
| RM-425 | 201 | 72 | 8 | 230 | 0.5 | <10 | 1 |
| RM-426 | 201 | 128 | 4 | 90 | 0.1 | <10 | 1 |
| RM-427 | 201 | 103 | 10 | 91 | 0.1 | <10 | 1 |
| RM-428 | 201 | 88 | 14 | 116 | 0.2 | <10 | 1 |
| RM-429 | 201 | 85 | 49 | 190 | 4.8 | <10 | 3 |
| RM-430 | 201 | 48 | 7 | 89 | 0.1 | <10 | 1 |
| RM-431 | 201 | 52 | 13 | 92 | 0.1 | <10 | 1 |
| RM-432 | 201 | 81 | 7 | 87 | 0.1 | <10 | 1 |
| RM-433 | 201 | 88 | 45 | 125 | 0.8 | <10 | 1 |
| RM-434 | 201 | 95 | 12 | 133 | 0.4 | <10 | 4 |
| RM-435 | 201 | 165 | 51 | 198 | 0.8 | 10 | 5 |



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1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314793-CC2-B
INV. # : 18314793
DATE : 22-SEP-83
P.C. # : NCNE
RUBY MTN.

ATTN: ART TRCUP AND CCLMAN WCNG

| Sample description | Prep code | Sn ppm | | | | | | |
|--------------------|-----------|--------|----|----|----|----|----|----|
| RM-250 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-255 | 201 | 3 | -- | -- | -- | -- | -- | -- |
| RM-256 | 201 | 8 | -- | -- | -- | -- | -- | -- |
| RM-257 | 201 | 6 | -- | -- | -- | -- | -- | -- |
| RM-400 | 201 | 2 | -- | -- | -- | -- | -- | -- |
| RM-401 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-402 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-403 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-404 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-405 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-406 | 201 | 4 | -- | -- | -- | -- | -- | -- |
| RM-407 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-408 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-409 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-410 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-411 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-412 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-413 | 201 | 2 | -- | -- | -- | -- | -- | -- |
| RM-414 | 201 | 3 | -- | -- | -- | -- | -- | -- |
| RM-415 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-416 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-417 | 201 | 2 | -- | -- | -- | -- | -- | -- |
| RM-418 | 201 | 5 | -- | -- | -- | -- | -- | -- |
| RM-419 | 201 | 7 | -- | -- | -- | -- | -- | -- |
| RM-420 | 201 | 2 | -- | -- | -- | -- | -- | -- |
| RM-421 | 201 | 2 | -- | -- | -- | -- | -- | -- |
| RM-422 | 201 | 3 | -- | -- | -- | -- | -- | -- |
| RM-423 | 201 | 4 | -- | -- | -- | -- | -- | -- |
| RM-424 | 201 | 10 | -- | -- | -- | -- | -- | -- |
| RM-425 | 201 | 2 | -- | -- | -- | -- | -- | -- |
| RM-426 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-427 | 201 | 2 | -- | -- | -- | -- | -- | -- |
| RM-428 | 201 | 6 | -- | -- | -- | -- | -- | -- |
| RM-429 | 201 | 6 | -- | -- | -- | -- | -- | -- |
| RM-430 | 201 | 2 | -- | -- | -- | -- | -- | -- |
| RM-431 | 201 | 4 | -- | -- | -- | -- | -- | -- |
| RM-432 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-433 | 201 | 1 | -- | -- | -- | -- | -- | -- |
| RM-434 | 201 | 6 | -- | -- | -- | -- | -- | -- |
| RM-435 | 201 | 12 | -- | -- | -- | -- | -- | -- |



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REGISTERED ASSAYERS

TELEPHONE: (604) 984-0221

TELEX: 043-52597

CERTIFICATE OF ANALYSIS

TO : CREAM SILVER MINES LTD.,

1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314793-003-A

INVOICE # : 18314793

DATE : 22-SEP-83

P.C. # : NCNE

RUBY MTA.

ATTN: ART TRCUP AND CCLMAN WONG

| Sample description | Prep code | Cu ppm | Pb ppm | Zn ppm | Ag ppm | AU-AA ppb | W ppm |
|--------------------|-----------|--------|--------|--------|--------|-----------|-------|
| RM-436 | 201 | 146 | 50 | 530 | 1.6 | <10 | 10 |
| RM-437 | 201 | 83 | 17 | 150 | 0.2 | 10 | 1 |
| RM-438 | 201 | 110 | 65 | 263 | 0.9 | <10 | 1 |
| RM-439 | 201 | 175 | 10 | 95 | 0.8 | 10 | 1 |
| RM-440 | 201 | 110 | 8 | 103 | 0.3 | <10 | 1 |
| RM-441 | 201 | 114 | 7 | 117 | 0.1 | 10 | 1 |
| RM-442 | 201 | 160 | 10 | 109 | 0.1 | 10 | 1 |
| RM-443 | 201 | 63 | 6 | 93 | 0.1 | <10 | 1 |
| RM-444 | 201 | 80 | 34 | 113 | 0.1 | 10 | 1 |
| RM-445 | 201 | 73 | 3 | 103 | 0.1 | <10 | 1 |
| RM-446 | 201 | 80 | 3 | 85 | 0.1 | <10 | 1 |
| RM-447 | 201 | 26 | 5 | 71 | 0.1 | <10 | 1 |
| RM-448 | 201 | 90 | 4 | 90 | 0.1 | <10 | 1 |
| RM-449 | 201 | 84 | 8 | 95 | 0.1 | <10 | 1 |
| RM-450 | 201 | 45 | 6 | 75 | 0.1 | <10 | 1 |
| RM-451 | 201 | 44 | 9 | 90 | 0.1 | <10 | 3 |
| RM-452 | 201 | 70 | 16 | 149 | 0.1 | <10 | 7 |
| RM-453 | 201 | 38 | 16 | 95 | 0.1 | <10 | 3 |
| RM-454 | 201 | 78 | 24 | 161 | 0.1 | <10 | 6 |
| RM-455 | 201 | 215 | 22 | 133 | 0.1 | <10 | 4 |
| RM-456 | 201 | 200 | 38 | 170 | 0.7 | <10 | 1 |
| RM-457 | 201 | 198 | 42 | 164 | 1.2 | <10 | 1 |
| RM-458 | 201 | 218 | 32 | 263 | 0.4 | <10 | 1 |
| RM-459 | 201 | 49 | 8 | 100 | 0.1 | <10 | 1 |
| RM-460 | 201 | 60 | 7 | 100 | 0.1 | <10 | 1 |
| RM-461 | 201 | 72 | 46 | 520 | 0.1 | <10 | 1 |
| RM-462 | 201 | 178 | 600 | 940 | 14.0 | <10 | 6 |
| RM-463 | 201 | 200 | 131 | 380 | 6.3 | 10 | 4 |
| RM-464 | 201 | 70 | 5 | 33 | 0.1 | <10 | 2 |
| RM-465 | 201 | 130 | 7 | 115 | 1.2 | <10 | 1 |
| RM-466 | 201 | 163 | 11 | 132 | 0.1 | <10 | 1 |
| RM-467 | 201 | 48 | 12 | 93 | 0.1 | <10 | 1 |
| RM-468 | 201 | 112 | 17 | 150 | 0.1 | <10 | 8 |
| RM-469 | 201 | 163 | 45 | 206 | 0.3 | <10 | 22 |
| RM-470 | 201 | 130 | 34 | 155 | 0.5 | <10 | 11 |
| RM-471 | 201 | 185 | 32 | 161 | 0.2 | <10 | 4 |
| RM-472 | 201 | 210 | 31 | 142 | 0.4 | <10 | 1 |
| RM-473 | 201 | 75 | 13 | 93 | 0.1 | <10 | 1 |
| RM-474 | 201 | 420 | 8 | 131 | 0.3 | <10 | 3 |
| RM-475 | 201 | 165 | 12 | 105 | 0.1 | <10 | 1 |



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212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

ANALYTICAL CHEMISTS

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CERTIFICATE OF ANALYSIS

TO : CREAM SILVER MINES LTD.,

1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314793-003-B
INVOICE # : 18314793
DATE : 22-SEP-83
P.O. # : NONE
RUBY MTN.

ATTN: ART TROUP AND CCLMAN WONG

| Sample description | Prep code | Sn ppr | | | | | |
|--------------------|-----------|--------|----|----|----|----|----|
| RM-436 | 201 | 11 | -- | -- | -- | -- | -- |
| RM-437 | 201 | 3 | -- | -- | -- | -- | -- |
| RM-438 | 201 | 5 | -- | -- | -- | -- | -- |
| RM-439 | 201 | 4 | -- | -- | -- | -- | -- |
| RM-440 | 201 | 2 | -- | -- | -- | -- | -- |
| RM-441 | 201 | 1 | -- | -- | -- | -- | -- |
| RM-442 | 201 | 1 | -- | -- | -- | -- | -- |
| RM-443 | 201 | 5 | -- | -- | -- | -- | -- |
| RM-444 | 201 | 4 | -- | -- | -- | -- | -- |
| RM-445 | 201 | 1 | -- | -- | -- | -- | -- |
| RM-446 | 201 | 1 | -- | -- | -- | -- | -- |
| RM-447 | 201 | 1 | -- | -- | -- | -- | -- |
| RM-448 | 201 | 1 | -- | -- | -- | -- | -- |
| RM-449 | 201 | 1 | -- | -- | -- | -- | -- |
| RM-450 | 201 | 1 | -- | -- | -- | -- | -- |
| RM-451 | 201 | 5 | -- | -- | -- | -- | -- |
| RM-452 | 201 | 6 | -- | -- | -- | -- | -- |
| RM-453 | 201 | 1 | -- | -- | -- | -- | -- |
| RM-454 | 201 | 3 | -- | -- | -- | -- | -- |
| RM-455 | 201 | 7 | -- | -- | -- | -- | -- |
| RM-456 | 201 | 2 | -- | -- | -- | -- | -- |
| RM-457 | 201 | 1 | -- | -- | -- | -- | -- |
| RM-458 | 201 | 2 | -- | -- | -- | -- | -- |
| RM-459 | 201 | 1 | -- | -- | -- | -- | -- |
| RM-460 | 201 | 2 | -- | -- | -- | -- | -- |
| RM-461 | 201 | 5 | -- | -- | -- | -- | -- |
| RM-462 | 201 | 10 | -- | -- | -- | -- | -- |
| RM-463 | 201 | 3 | -- | -- | -- | -- | -- |
| RM-464 | 201 | 1 | -- | -- | -- | -- | -- |
| RM-465 | 201 | 1 | -- | -- | -- | -- | -- |
| RM-466 | 201 | 4 | -- | -- | -- | -- | -- |
| RM-467 | 201 | 7 | -- | -- | -- | -- | -- |
| RM-468 | 201 | 4 | -- | -- | -- | -- | -- |
| RM-469 | 201 | 6 | -- | -- | -- | -- | -- |
| RM-470 | 201 | 3 | -- | -- | -- | -- | -- |
| RM-471 | 201 | 2 | -- | -- | -- | -- | -- |
| RM-472 | 201 | 2 | -- | -- | -- | -- | -- |
| RM-473 | 201 | 2 | -- | -- | -- | -- | -- |
| RM-474 | 201 | 50 | -- | -- | -- | -- | -- |
| RM-475 | 201 | 3 | -- | -- | -- | -- | -- |



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CERTIFICATE OF ANALYSIS

TO : CREAM SILVER MINES LTD.,

1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314793-004-A
INVOICE # : I8314793
DATE : 22-SEP-83
P.C. # : NCNE
RUBY MTN.

ATTN: ART TROUP AND COLMAN WONG

| Sample description | Prep code | Cu ppm | Pb ppm | Zn ppm | Ag ppm | AU-AA ppb | W ppm |
|--------------------|-----------|--------|--------|--------|--------|-----------|-------|
| RM-476 | 201 | 265 | 7 | 114 | 0.1 | <10 | 1 |
| RM-477 | 201 | 110 | 81 | 490 | 0.1 | <10 | 1 |
| RM-478 | 201 | 88 | 24 | 156 | 0.2 | <10 | 7 |
| RM-479 | 201 | 175 | 9 | 190 | 0.2 | <10 | 1 |
| RM-480 | 201 | 142 | 9 | 138 | 0.4 | <10 | 1 |
| RM-481 | 201 | 78 | 9 | 110 | 0.1 | <10 | 2 |
| RM-482 | 201 | 145 | 7 | 89 | 0.1 | 10 | 1 |
| RM-483 | 201 | 160 | 20 | 143 | 0.1 | <10 | 1 |
| RM-484 | 201 | 90 | 28 | 150 | 0.1 | <10 | 2 |



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CERTIFICATE OF ANALYSIS

TO : CREAM SILVER MINES LTD.,

1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314793-C04-B
INVOICE # : 18314793
DATE : 22-SEP-83
P.O. # : NONE
RUBY MTN.

ATTN: ART TRCUP AND CCLMAN WONG

| Sample description | Prep code | Sn ppm | | | | | |
|--------------------|-----------|--------|----|----|----|----|----|
| RM-476 | 201 | 3 | -- | -- | -- | -- | -- |
| RM-477 | 201 | 7 | -- | -- | -- | -- | -- |
| RM-478 | 201 | 4 | -- | -- | -- | -- | -- |
| RM-479 | 201 | 9 | -- | -- | -- | -- | -- |
| RM-480 | 201 | 6 | -- | -- | -- | -- | -- |
| RM-481 | 201 | 2 | -- | -- | -- | -- | -- |
| RM-482 | 201 | 2 | -- | -- | -- | -- | -- |
| RM-483 | 201 | 3 | -- | -- | -- | -- | -- |
| RM-484 | 201 | 3 | -- | -- | -- | -- | -- |



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CERTIFICATE OF ASSAY

TO : CREAM SILVER MINES LTD.,

1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314133-001-A
INVOICE # : 18314133
DATE : 13-SEP-83
P.C. # : NCAE
RUBY MTN.

ATTN: ART TROUP AND COLMAN WONG

| Sample description | Prep code | Cu % | Pb % | Zn % | WC3 NAA % | Sn % | Ag FA cz/T |
|--------------------|-----------|-------|-------|-------|-----------|-------|------------|
| 00008 | 207 | <0.01 | 0.03 | 0.01 | 0.002 | <0.01 | 0.18 |
| 00009 | 207 | <0.01 | 0.01 | 0.01 | 0.001 | <0.01 | 0.17 |
| 00010 | 207 | 0.01 | 1.42 | 0.02 | 0.024 | 0.07 | 2.00 |
| 00011 | 207 | 0.42 | 0.06 | 0.05 | 0.221 | <0.01 | 0.92 |
| 00012 | 207 | <0.01 | <0.01 | 0.01 | 0.003 | <0.01 | 0.08 |
| 00013 | 207 | <0.01 | 0.34 | <0.01 | 3.200 | <0.01 | 4.40 |
| 00014 | 207 | <0.01 | <0.01 | <0.01 | 0.046 | <0.01 | 0.24 |
| 00015 | 207 | <0.01 | 0.12 | <0.01 | 0.008 | <0.01 | 5.18 |
| 00016 | 207 | <0.01 | <0.01 | <0.01 | 0.004 | <0.01 | 0.24 |
| 00017 | 207 | 0.09 | 0.47 | 0.77 | 0.002 | <0.01 | 1.14 |
| 00018 | 207 | 0.05 | 0.06 | 0.03 | <0.001 | <0.01 | 1.90 |
| 00019 | 207 | 0.03 | <0.01 | 0.01 | 0.003 | <0.01 | 0.18 |
| 00020 | 207 | <0.01 | <0.01 | 0.01 | <0.001 | <0.01 | 0.08 |
| 00021 | 207 | 0.11 | <0.01 | 0.01 | <0.001 | <0.01 | 0.06 |
| 00022 | 207 | 0.13 | <0.01 | <0.01 | <0.001 | <0.01 | 1.42 |
| 00023 | 207 | <0.01 | <0.01 | <0.01 | <0.001 | <0.01 | 0.12 |
| 00024 | 207 | <0.01 | <0.01 | <0.01 | <0.001 | <0.01 | 0.05 |

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CERTIFICATE OF ASSAY

TO : CREAM SILVER MINES LTD.,

1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314133-001-9
INVOICE # : 18314133
DATE : 13-SEP-83
P.C. # : NCNE
RUBY MTN.

ATTN: ART TRGUP AND COLMAN WONG

| Sample description | Prep code | Au FA oz/T | | | | | |
|--------------------|-----------|------------|----|----|----|----|----|
| 00008 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 00009 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 00010 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 00011 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 00012 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 00013 | 207 | 0.003 | -- | -- | -- | -- | -- |
| 00014 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 00015 | 207 | 0.003 | -- | -- | -- | -- | -- |
| 00016 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 00017 | 207 | 0.005 | -- | -- | -- | -- | -- |
| 00018 | 207 | 0.003 | -- | -- | -- | -- | -- |
| 00019 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 00020 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 00021 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 00022 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 00023 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 00024 | 207 | <0.003 | -- | -- | -- | -- | -- |

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TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

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CERTIFICATE OF ANALYSIS

TO : CREAM SILVER MINES LTD.,

1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314794-0C1-A
INVOICE # : 18314794
DATE : 23-SEP-83
P.C. # : NCNE
G.C.C.

ATTN: ART TROUP AND COLMAN WONG

| Sample description | Prep code | AU-AA ppb | | | | | | |
|--------------------|-----------|-----------|----|----|----|----|----|----|
| GDC 101 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 102 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 103 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 104 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 105 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 106 | 201 | 100 | -- | -- | -- | -- | -- | -- |
| GDC 107 | 201 | 50 | -- | -- | -- | -- | -- | -- |
| GDC 108 | 201 | 10 | -- | -- | -- | -- | -- | -- |
| GDC 109 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 110 | 201 | 20 | -- | -- | -- | -- | -- | -- |
| GDC 111 | 201 | 90 | -- | -- | -- | -- | -- | -- |
| GDC 112 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 113 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 114 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 115 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 116 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 117 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 118 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 119 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 120 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 201 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 202 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 204 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 206 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 207 | 201 | 840 | -- | -- | -- | -- | -- | -- |
| GDC 208 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 209 | 201 | 50 | -- | -- | -- | -- | -- | -- |
| GDC 210 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 211 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 212 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 213 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 214 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 215 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 216 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 217 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 218 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 220 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 301 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 302 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 303 | 201 | 10 | -- | -- | -- | -- | -- | -- |



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TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CREAM SILVER MINES LTD.,

1500-675 WEST HASTINGS ST.,
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8314794-002-A

INVOICE # : I8314794

DATE : 23-SEP-83

P.C. # : NCNE

G.C.C.

ATTN: ART TRCUP AND COLMAN WONG

| Sample description | Prep code | AU-AA ppb | | | | | | |
|--------------------|-----------|-----------|----|----|----|----|----|----|
| GDC 304 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 305 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 306 | 201 | 30 | -- | -- | -- | -- | -- | -- |
| GDC 307 | 201 | 20 | -- | -- | -- | -- | -- | -- |
| GDC 308 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 309 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 310 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 311 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 312 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 313 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 314 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 315 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 316 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 317 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 318 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 319 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 320 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 401 | 201 | 20 | -- | -- | -- | -- | -- | -- |
| GDC 402 | 201 | 20 | -- | -- | -- | -- | -- | -- |
| GDC 403 | 201 | 20 | -- | -- | -- | -- | -- | -- |
| GDC 404 | 201 | 230 | -- | -- | -- | -- | -- | -- |
| GDC 405 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 406 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 407 | 201 | 10 | -- | -- | -- | -- | -- | -- |
| GDC 408 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 409 | 201 | 20 | -- | -- | -- | -- | -- | -- |
| GDC 410 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 411 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 412 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 413 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 414 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 415 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 416 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 417 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 418 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 419 | 201 | <10 | -- | -- | -- | -- | -- | -- |
| GDC 420 | 201 | <10 | -- | -- | -- | -- | -- | -- |



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CANADA V7J 2C1
TELEPHONE (604)984-0221
TELEX 043-52597

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : Cream Silver Mines Ltd.,
706 - 675 W. Hastings St.,
Vancouver, B.C.
V6B 4K4

CERT. # : A8114055-001-B
INVOICE # : 18114055
DATE : 25-SEP-81
P.O. # : NONE

| Sample description | Prep code | Au (FA) oz/t | | | | | |
|--------------------|-----------|--------------|----|----|----|----|----|
| 1-1 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 81-1A | 207 | <0.003 | -- | -- | -- | -- | -- |
| 81-1B | 207 | <0.003 | -- | -- | -- | -- | -- |
| 81-2 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 81-2A | 207 | 0.004 | -- | -- | -- | -- | -- |
| 82-1 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 82-1A | 207 | <0.003 | -- | -- | -- | -- | -- |
| 82-1B | 207 | 0.005 | -- | -- | -- | -- | -- |
| 82-2 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 82-3 | 207 | 0.005 | -- | -- | -- | -- | -- |
| 82-4 | 207 | <0.003 | -- | -- | -- | -- | -- |
| 82-5 | 207 | <0.003 | -- | -- | -- | -- | -- |

[Handwritten Signature]

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GEOCHEMISTS

REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO : Cream Silver Mines Ltd.,
706 - 675 W. Hastings St.,
Vancouver, B.C.
V6B 4K4

CERT. # : A8114055-001-A
INVOICE # : 18114055
DATE : 25-SEP-81
P.O. # : NONE

| Sample description | Prep code | Cu % | Pb % | Zn % | WO3 % | Sn Ag % | F.A. oz/T |
|--------------------|-----------|------|------|------|-------|---------|-----------|
| 1-1 | 207 | -- | -- | -- | 0.02 | <0.01 | 0.18 |
| 81-1A | 207 | -- | -- | -- | 0.01 | <0.01 | 0.01 |
| 81-1B | 207 | -- | -- | -- | 0.02 | <0.01 | 1.02 |
| 81-2 | 207 | -- | -- | -- | 0.02 | <0.01 | 0.12 |
| 81-2A | 207 | -- | -- | -- | 0.01 | <0.01 | 0.01 |
| 82-1 | 207 | 0.04 | 0.02 | 0.01 | 0.36 | 0.08 | 0.66 |
| 82-1A | 207 | 0.52 | 0.03 | 0.04 | 0.22 | <0.01 | 0.56 |
| 82-1B | 207 | 0.77 | 5.14 | 0.92 | 0.02 | 0.57 | 12.34 |
| 82-2 | 207 | -- | -- | -- | <0.01 | <0.01 | 0.32 |
| 82-3 | 207 | -- | -- | -- | <0.01 | <0.01 | 0.28 |
| 82-4 | 207 | -- | -- | -- | 0.01 | <0.01 | 0.01 |
| 82-5 | 207 | -- | -- | -- | 0.02 | <0.01 | 0.02 |

[Handwritten signature]

.....
Registered Assayer, Province of British Columbia



MEMBER
CANADIAN TESTING
ASSOCIATION



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: (604)984-0221
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

| |
|-------------------------|
| CERTIFICATE OF ANALYSIS |
|-------------------------|

TO : Cream Silver Mines Ltd.,
 706 - 675 W. Hastings St.,
 Vancouver, B.C.
 V6B 4K4

CERT. # : A8114414-002-4
 INVOICE # : 18114414
 DATE : 13-OCT-81
 P.O. # : NONE
 ATLIN #1

CC: ART TROUP

| Sample Description | Prep code | Cu ppm | Pb ppm | Zn ppm | AU-AA ppm | | |
|--------------------|-----------|--------|--------|--------|-----------|----|----|
| BCN 9+00E | 201 | 40 | 10 | 138 | <10 | -- | -- |
| CO 0+00E | 201 | 93 | 73 | 255 | <10 | -- | -- |
| CO 0+80E | 201 | 50 | 253 | 238 | <10 | -- | -- |
| CO 1+00E | 201 | 135 | 750 | 1030 | <10 | -- | -- |
| CO 1+20E | 201 | 68 | 25 | 133 | <10 | -- | -- |
| CO 1+40E | 203 | 97 | 42 | 245 | <10 | -- | -- |
| CO 1+60E | 201 | 147 | 135 | 430 | <10 | -- | -- |
| CO 1+80E | 201 | 91 | 50 | 395 | <10 | -- | -- |
| CO 2+00E | 201 | 174 | 248 | 1020 | <10 | -- | -- |
| CO 2+20E | 201 | 230 | 360 | 500 | 10 | -- | -- |
| CO 2+40E | 201 | 275 | 520 | 392 | 20 | -- | -- |
| CO 2+60E | 201 | 116 | 220 | 470 | <10 | -- | -- |
| CO 2+80E | 201 | 143 | 418 | 510 | 10 | -- | -- |
| CO 3+00E | 201 | 62 | 245 | 175 | <10 | -- | -- |
| CO 3+20E | 201 | 62 | 215 | 228 | <10 | -- | -- |
| CO 3+40E | 201 | 86 | 113 | 215 | <10 | -- | -- |
| CO 3+60E | 201 | 235 | 335 | 1450 | <10 | -- | -- |
| CO 3+80E | 201 | 65 | 53 | 255 | <10 | -- | -- |
| CO 4+00E | 203 | 330 | 1430 | 1500 | <10 | -- | -- |
| C1 0+00E | 201 | 127 | 15 | 170 | <10 | -- | -- |
| C1 0+20E | 201 | 108 | 20 | 136 | <10 | -- | -- |
| C1 0+40E | 203 | 53 | 62 | 170 | <10 | -- | -- |
| C1 0+60E | 201 | 44 | 22 | 35 | <10 | -- | -- |
| C1 1+20E | 201 | 178 | 36 | 425 | <10 | -- | -- |
| C1 1+40E | 201 | 119 | 330 | 455 | 20 | -- | -- |
| C1 1+60E | 201 | 94 | 60 | 435 | 10 | -- | -- |
| C1 1+80E | 201 | 187 | 25 | 202 | <10 | -- | -- |
| C1 2+00E | 201 | 510 | 435 | 1000 | <10 | -- | -- |
| C1 2+20E | 201 | 210 | 323 | 730 | 20 | -- | -- |
| C1 2+40E | 201 | 365 | 275 | 750 | <10 | -- | -- |
| C1 2+60E | 201 | 550 | 548 | 2500 | <10 | -- | -- |
| C1 2+80E | 201 | 330 | 470 | 640 | 10 | -- | -- |
| C1 3+00E | 201 | 300 | 405 | 1100 | 20 | -- | -- |
| C1 3+20E | 201 | 200 | 620 | 905 | 10 | -- | -- |
| C1 3+40E | 201 | 320 | 1550 | 1000 | <10 | -- | -- |
| C1 3+60E | 201 | 340 | 425 | 910 | <10 | -- | -- |
| C1 3+80E | 201 | 132 | 200 | 290 | <10 | -- | -- |
| C1 4+00E | 201 | 157 | 155 | 330 | <10 | -- | -- |
| CO 0+20E | 201 | 45 | 1 | 50 | <10 | -- | -- |
| SIN 0+40E | 201 | 28 | 5 | 120 | <10 | -- | -- |

Certified by *Hart Bichler*





CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CREAM SILVER MINES LTD.,

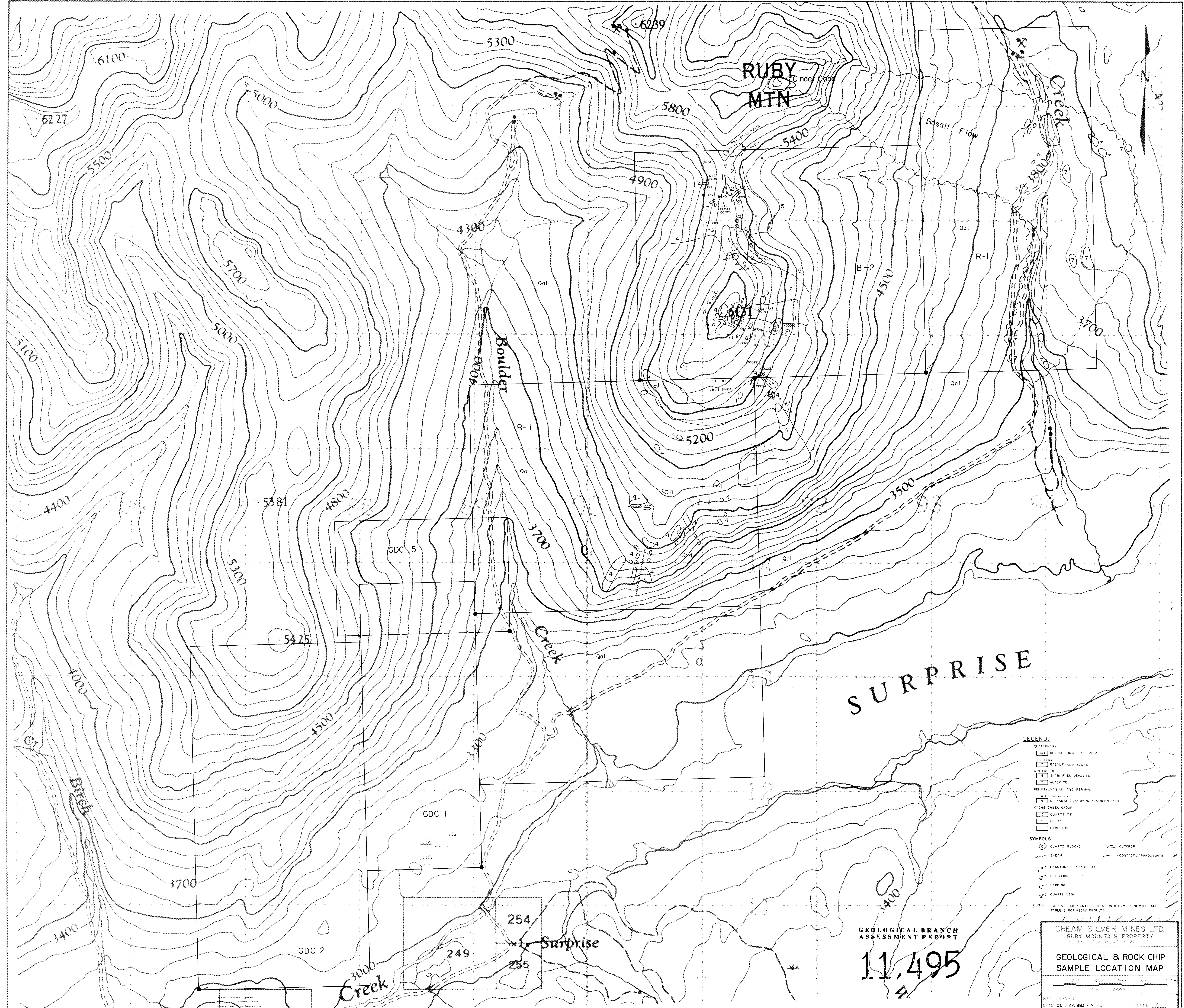
1500 - 675 WEST HASTINGS ST.
VANCOUVER, B.C.
V6B 1N2

CERT. # : A8316294-001-A
INVOICE # : 18316294
DATE : 17-NOV-83
P.O. # : NONE
G.D.C.

ATTN: ART TROUP & COLEMAN HONG

| Sample description | Mo PPM (ICP) | N PPM (ICP) | Zn PPM (ICP) | P PPM (ICP) | Pb PPM (ICP) | Bi PPM (ICP) | Co PPM (ICP) | Co PPM (ICP) | Ni PPM (ICP) | Ba PPM (ICP) | Fe % (ICP) | Mn PPM (ICP) | Cr PPM (ICP) | Mg % (ICP) | V PPM (ICP) | Al % (ICP) | Be PPM (ICP) | Ca % (ICP) | Cu PPM (ICP) | As PPM AAS | Ti % (ICP) | Sr PPM (ICP) | Na % (ICP) | K % (ICP) |
|--------------------|--------------|-------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|------------|-------------|------------|--------------|------------|--------------|------------|------------|--------------|------------|-----------|
| GDC 106 | <1 | <10 | 111 | 1410 | 14 | <2 | <0.5 | 56 | 113 | 450 | 5.73 | 2290 | 213 | 2.32 | 169 | 6.73 | <0.5 | 2.69 | 138 | 1.4 | 0.585 | 148 | 2.04 | 1.63 |
| GDC 107 | <1 | <10 | 95 | 1100 | 2 | <2 | <0.5 | 45 | 141 | 405 | 5.44 | 1690 | 208 | 2.34 | 159 | 5.99 | <0.5 | 2.53 | 114 | 2.8 | 0.478 | 122 | 1.76 | 1.51 |
| GDC 110 | <1 | <10 | 114 | 1420 | 2 | <2 | <0.5 | 57 | 142 | 410 | 6.13 | 2200 | 221 | 2.45 | 174 | 6.59 | <0.5 | 2.59 | 134 | 0.4 | 0.538 | 129 | 1.83 | 1.58 |
| GDC 111 | <1 | <10 | 107 | 1160 | 6 | <2 | <0.5 | 44 | 91 | 475 | 6.26 | 2290 | 176 | 1.77 | 154 | 5.91 | <0.5 | 1.91 | 109 | 0.6 | 0.461 | 135 | 1.74 | 1.57 |
| GDC 207 | <1 | <10 | 118 | 445 | 12 | <2 | <0.5 | 47 | 54 | 125 | 7.70 | 1070 | 115 | 1.87 | 225 | 5.59 | 0.5 | 2.78 | 78 | 20.0 | 0.534 | 60 | 1.36 | 1.69 |
| GDC 209 | <1 | <10 | 90 | 1200 | 2 | <2 | <0.5 | 43 | 124 | 260 | 5.54 | 1600 | 210 | 2.45 | 160 | 5.92 | <0.5 | 2.81 | 151 | 0.4 | 0.509 | 123 | 1.72 | 1.11 |
| GDC 306 | <1 | <10 | 121 | 1120 | 10 | <2 | <0.5 | 46 | 182 | 495 | 5.71 | 1600 | 270 | 2.56 | 141 | 5.91 | <0.5 | 2.06 | 129 | 1.0 | 0.484 | 129 | 1.70 | 1.37 |
| GDC 307 | <1 | <10 | 81 | 1200 | 2 | <2 | <0.5 | 39 | 149 | 450 | 4.78 | 1070 | 225 | 2.50 | 137 | 5.89 | <0.5 | 2.39 | 103 | <0.2 | 0.482 | 139 | 1.78 | 1.29 |
| GDC 401 | <1 | <10 | 72 | 630 | 16 | <2 | <0.5 | 48 | 465 | 400 | 4.91 | 915 | 467 | 5.66 | 136 | 5.23 | <0.5 | 4.05 | 91 | <0.2 | 0.424 | 137 | 1.64 | 0.99 |
| GDC 402 | <1 | <10 | 97 | 525 | 2 | <2 | <0.5 | 53 | 213 | 440 | 6.08 | 1900 | 293 | 2.84 | 165 | 6.12 | <0.5 | 2.11 | 99 | 0.6 | 0.476 | 124 | 1.68 | 1.35 |
| GDC 403 | <1 | <10 | 108 | 635 | 4 | <2 | <0.5 | 58 | 274 | 520 | 6.41 | 2060 | 354 | 3.21 | 164 | 6.47 | <0.5 | 2.21 | 94 | <0.2 | 0.490 | 132 | 1.79 | 1.51 |
| GDC 404 | <1 | <10 | 97 | 595 | 4 | <2 | <0.5 | 51 | 269 | 585 | 5.91 | 1500 | 396 | 3.47 | 154 | 6.42 | <0.5 | 1.82 | 69 | <0.2 | 0.506 | 138 | 1.76 | 1.55 |
| GDC 409 | <1 | <10 | 90 | 725 | 4 | <2 | <0.5 | 46 | 261 | 600 | 5.11 | 1270 | 355 | 3.36 | 132 | 5.78 | <0.5 | 2.03 | 63 | 0.4 | 0.442 | 144 | 1.77 | 1.57 |

Certified by *[Signature]*



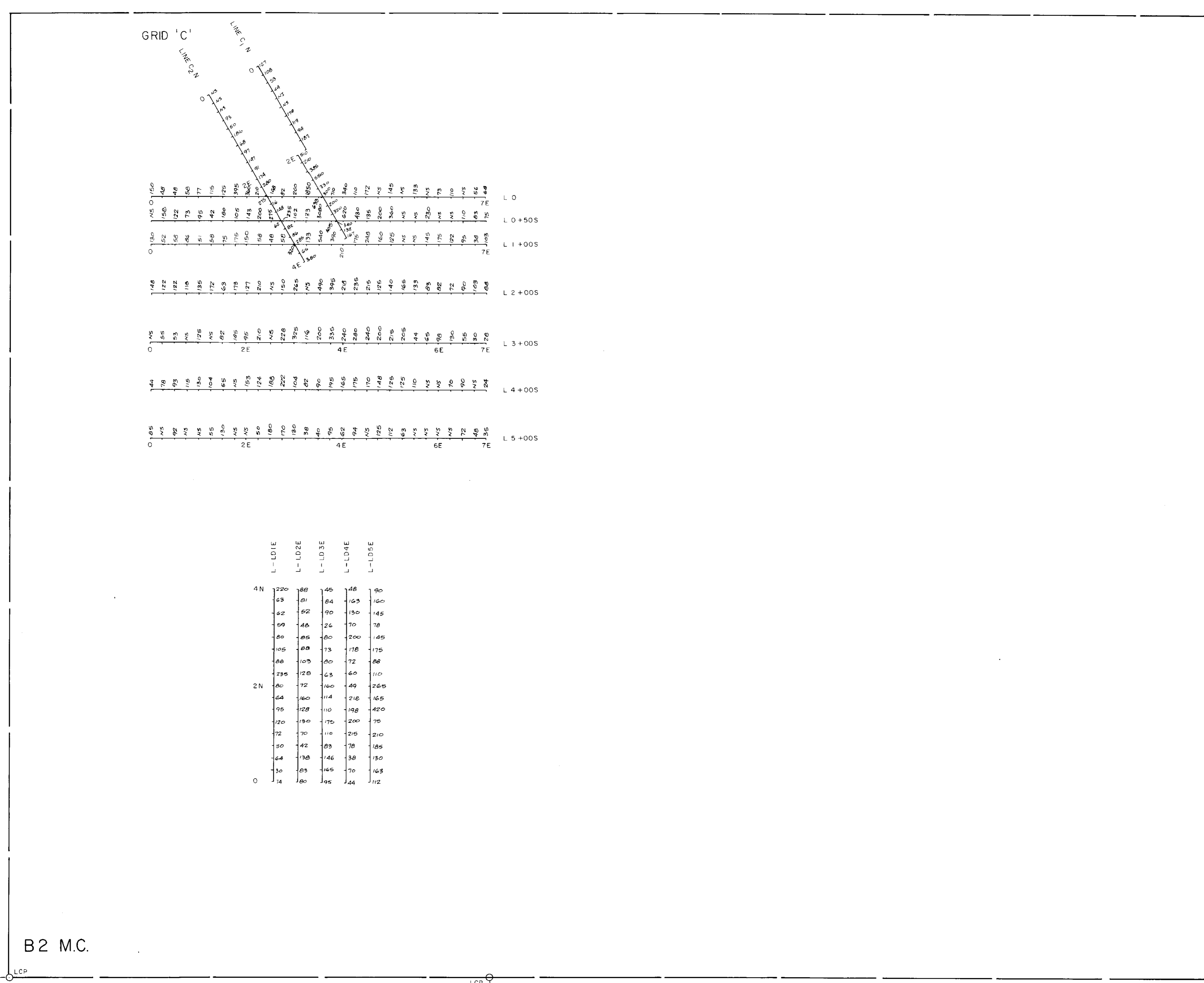
- LEGEND**
- QUATERNARY
 - Qa1 GLACIAL DRIFT, ALLUVIUM
 - TERTIARY
 - T-1 BASALT AND SCORIA
 - CRETACEOUS
 - C-1 SKARNIFIED DEPOSITS
 - C-2 SLASKITE
 - PENNSYLVANIAN AND PENMAN
 - P-1 INFRAZON
 - P-2 ULTRAMAFIC, COMMONLY SERPENTIZED
 - CACHE CREEK GROUP
 - Ca1 QUARTZITE
 - Ca2 CHERT
 - Ca3 LIMESTONE
- SYMBOLS**
- QUARTZ BLOCKS
 - OUTCROP
 - SHEAR
 - CONTACT, APPROXIMATE
 - FRACTURE (Strike & Dip)
 - FOLIATION
 - BEDDING
 - QUARTZ VEIN
- 00000 CHIP OR GRAB SAMPLE LOCATION & SAMPLE NUMBER (SEE TABLE 2 FOR ASSAY RESULTS)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,495

CREAM SILVER MINES LTD.
RUBY MOUNTAIN PROPERTY
GEOLOGICAL & ROCK CHIP
SAMPLE LOCATION MAP

Scale: 1:10000
DATE: OCT 27, 1983
FIGURE 4

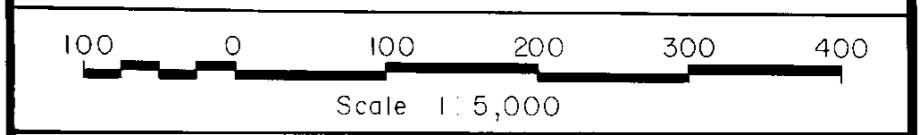


**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,495

CREAM SILVER MINES LTD.
RUBY MOUNTAIN PROPERTY
B2 CLAIM, ATLIN M.D. - B.C.

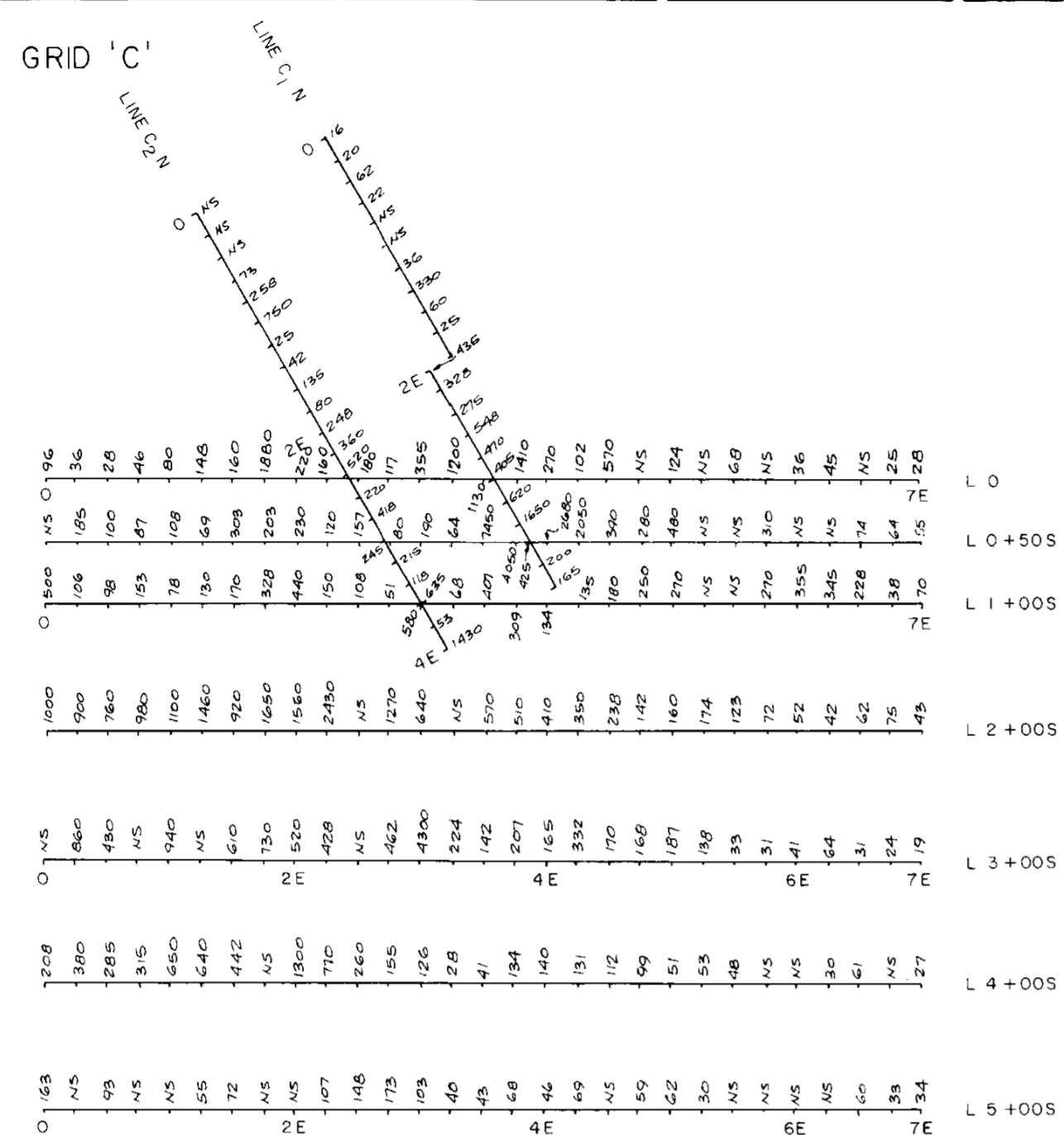
GEOCHEMICAL SURVEY
COPPER RESULTS in p.p.m.



NTS 104-N-11
DATE OCT 27, 1983 CW/r.w.r. FIGURE 5a

B2 M.C.

B1 M.C.



B2 M.C.

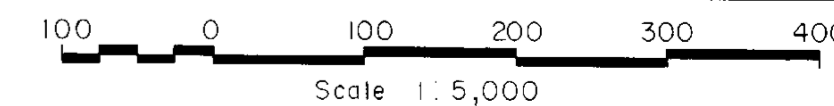
B1 M.C.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,495

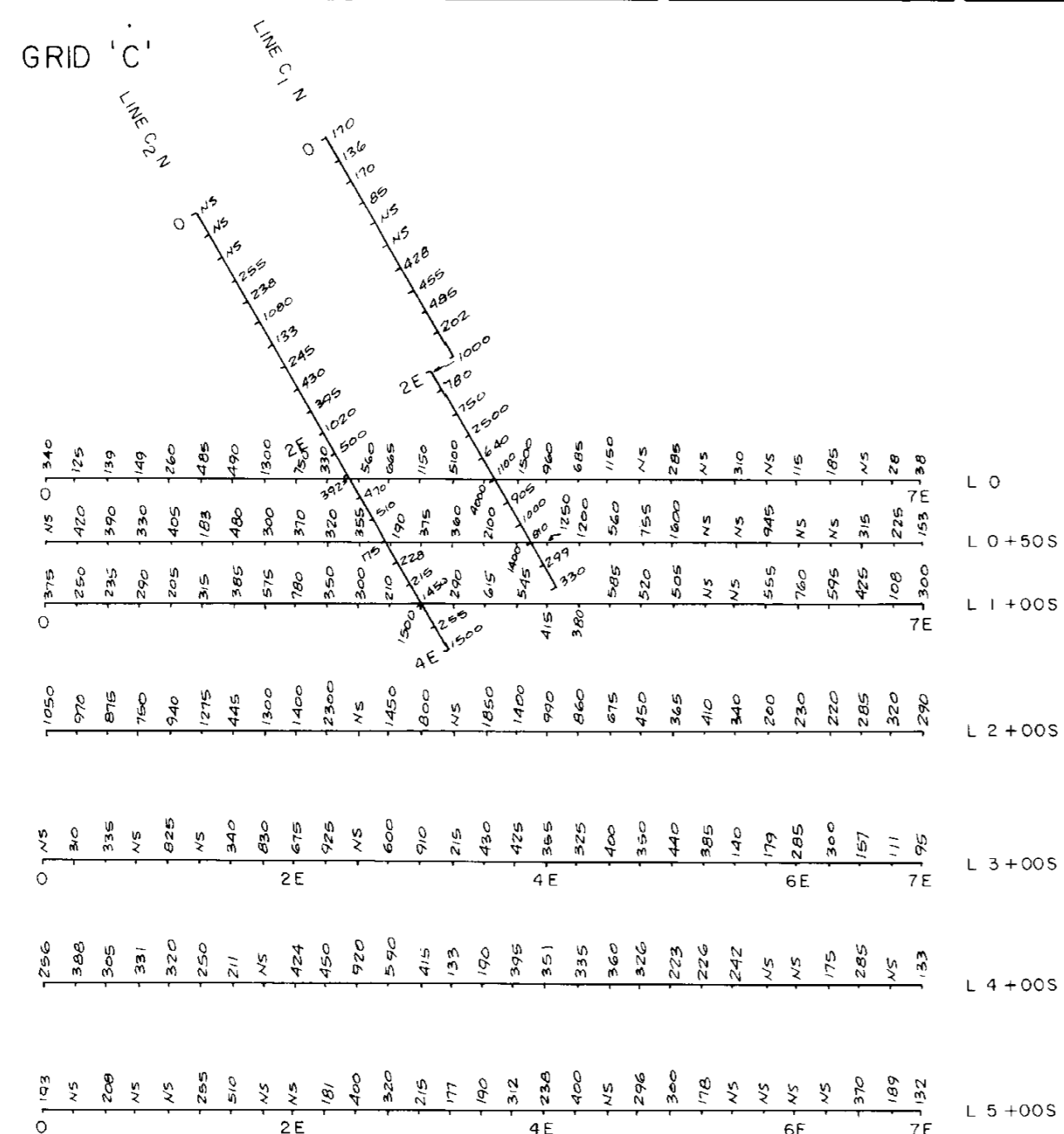
CREAM SILVER MINES LTD.
RUBY MOUNTAIN PROPERTY
B2 CLAIM ; ATLIN MD - BC.

GEOCHEMICAL SURVEY
LEAD RESULTS in p.p.m.



NTS 104-N-11
DATE OCT 27, 1983 CW/r.w.r.

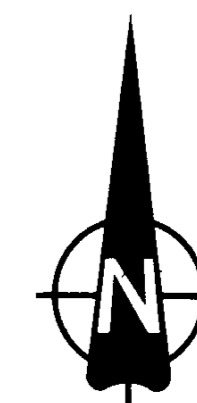
FIGURE 5b



| | | | | | |
|---------|-----|-----|-----|-----|-----|
| L- LD1E | 183 | 129 | 75 | 93 | 150 |
| L- LD2E | 117 | 87 | 95 | 132 | 143 |
| L- LD3E | 151 | 92 | 90 | 115 | 89 |
| L- LD4E | 158 | 89 | 71 | 83 | 110 |
| L- LD5E | 82 | 100 | 85 | 350 | 138 |
| | 75 | 116 | 103 | 140 | 190 |
| | 84 | 91 | 115 | 520 | 156 |
| | 86 | 90 | 83 | 100 | 490 |
| 2N | 80 | 230 | 109 | 100 | 114 |
| | 84 | 198 | 117 | 263 | 106 |
| | 85 | 94 | 103 | 164 | 131 |
| | 100 | 210 | 95 | 170 | 93 |
| | 92 | 109 | 263 | 133 | 142 |
| | 93 | 105 | 150 | 161 | 161 |
| | 90 | 124 | 630 | 95 | 195 |
| 0 | 60 | 117 | 198 | 149 | 206 |
| | 75 | 106 | 133 | 90 | 150 |

B2 M.C.

B1 M.C.

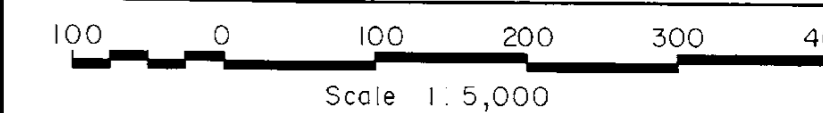


GEOLOGICAL BRANCH
ASSESSMENT REPORT

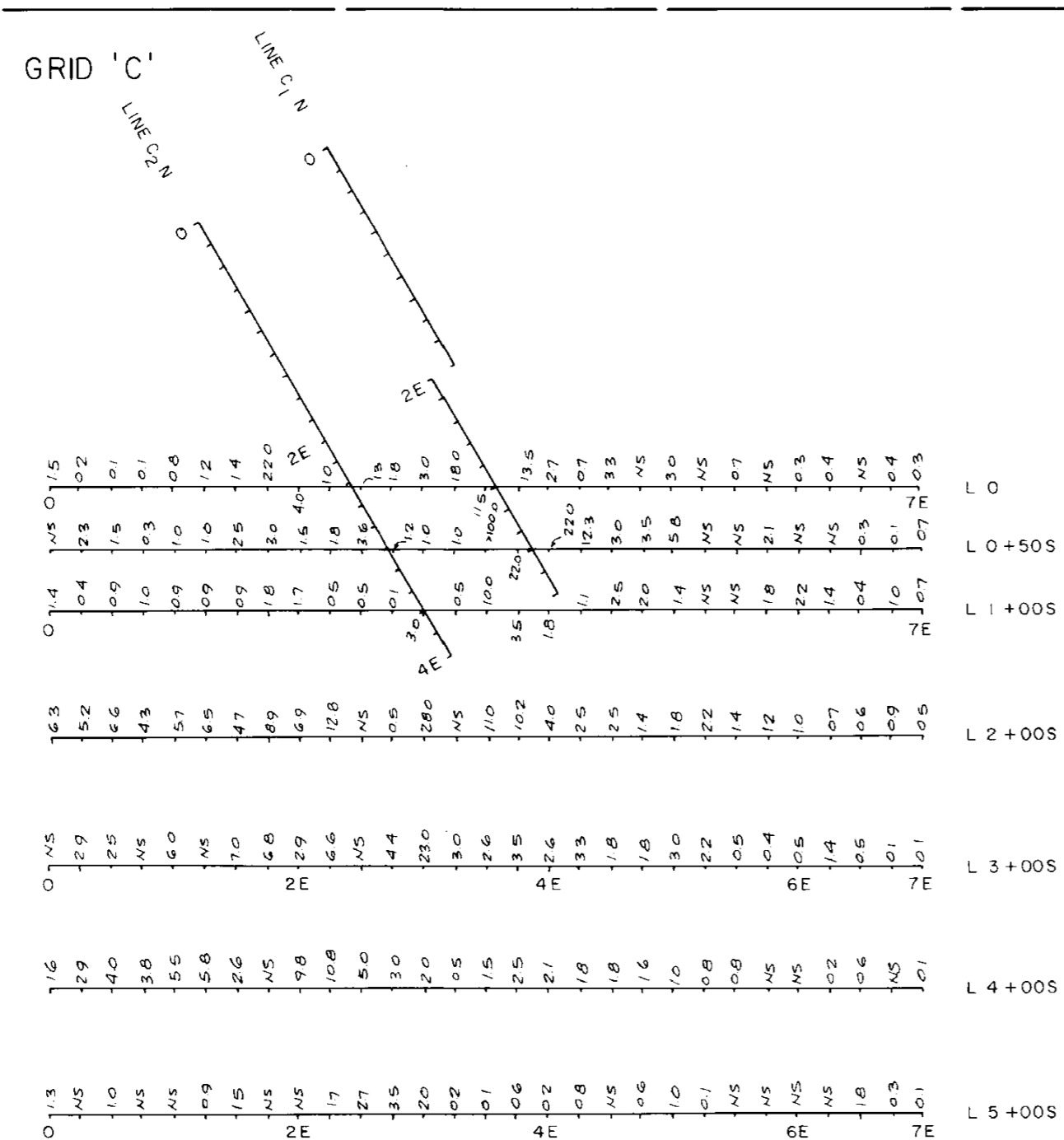
11,495

CREAM SILVER MINES LTD.
RUBY MOUNTAIN PROPERTY
B2 CLAIM; ATLIN MD. - B.C.

GEOCHEMICAL SURVEY
ZINC RESULTS in p.p.m.

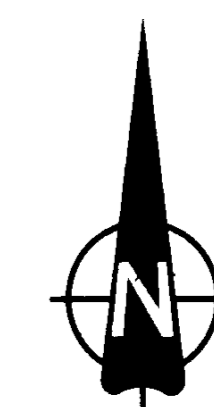


NTS 104-N-11
DATE OCT 27, 1983 CW/r.w.r. FIGURE 5C



B2 M.C.

B1 M.C.



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

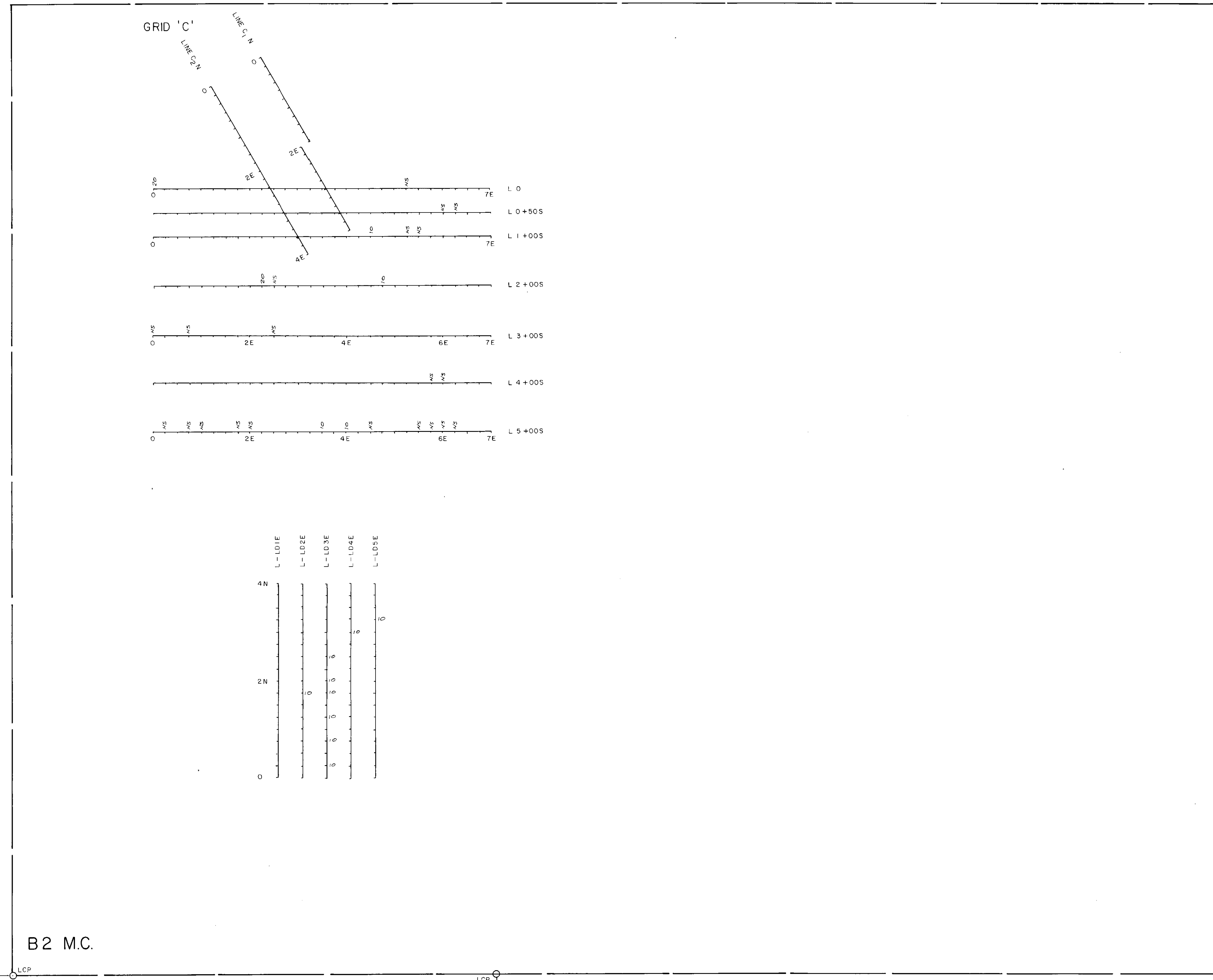
11,495

CREAM SILVER MINES LTD.
RUBY MOUNTAIN PROPERTY
B2 CLAIM ; ATLIN MD - B.C.

GEOCHEMICAL SURVEY
SILVER RESULTS in ppm.

Scale 1:5,000

NTS 104-N-11
DATE OCT 27, 1983 CW/r.w.r. FIGURE 5d

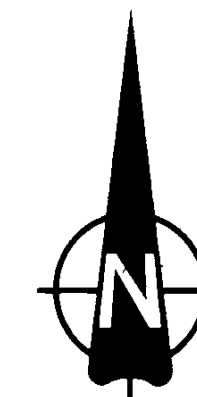


B2 M.C.

LCP

LCP

B1 M.C.



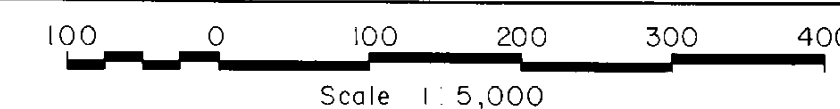
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,495

NOTE: GOLD VALUES <10pp.b. not plotted.

CREAM SILVER MINES LTD.
RUBY MOUNTAIN PROPERTY
B2 CLAIM ; ATLIN M.D. - B.C.

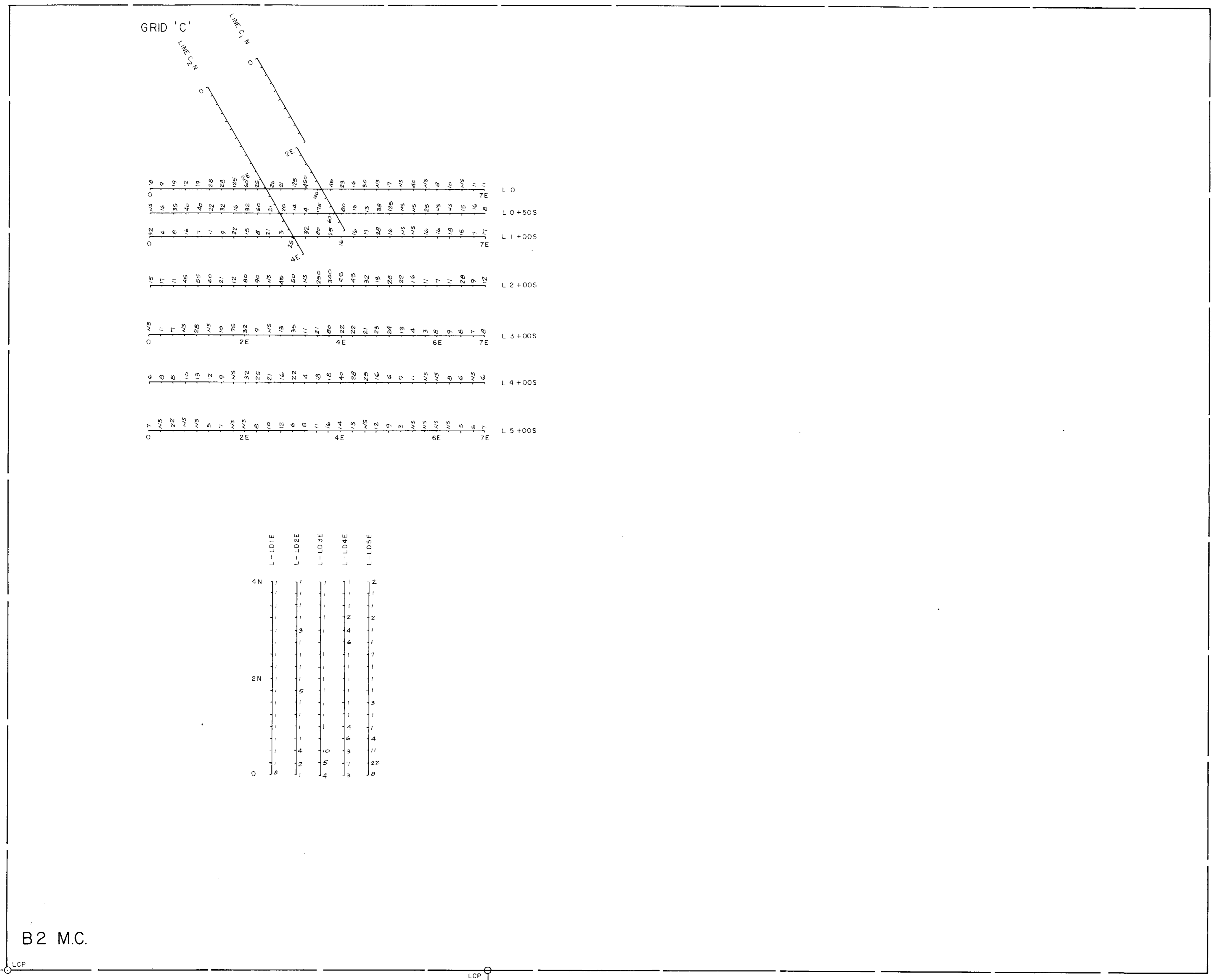
GEOCHEMICAL SURVEY
GOLD RESULTS in p.p.b.



NTS 104-N-11

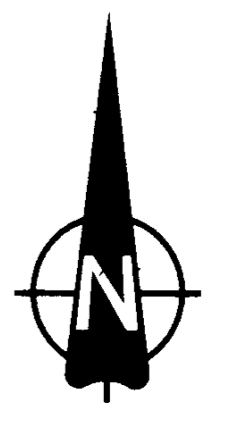
DATE OCT 27, 1983 CW/r.w.r.

FIGURE 5e



B2 M.C.

B1 M.C.



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

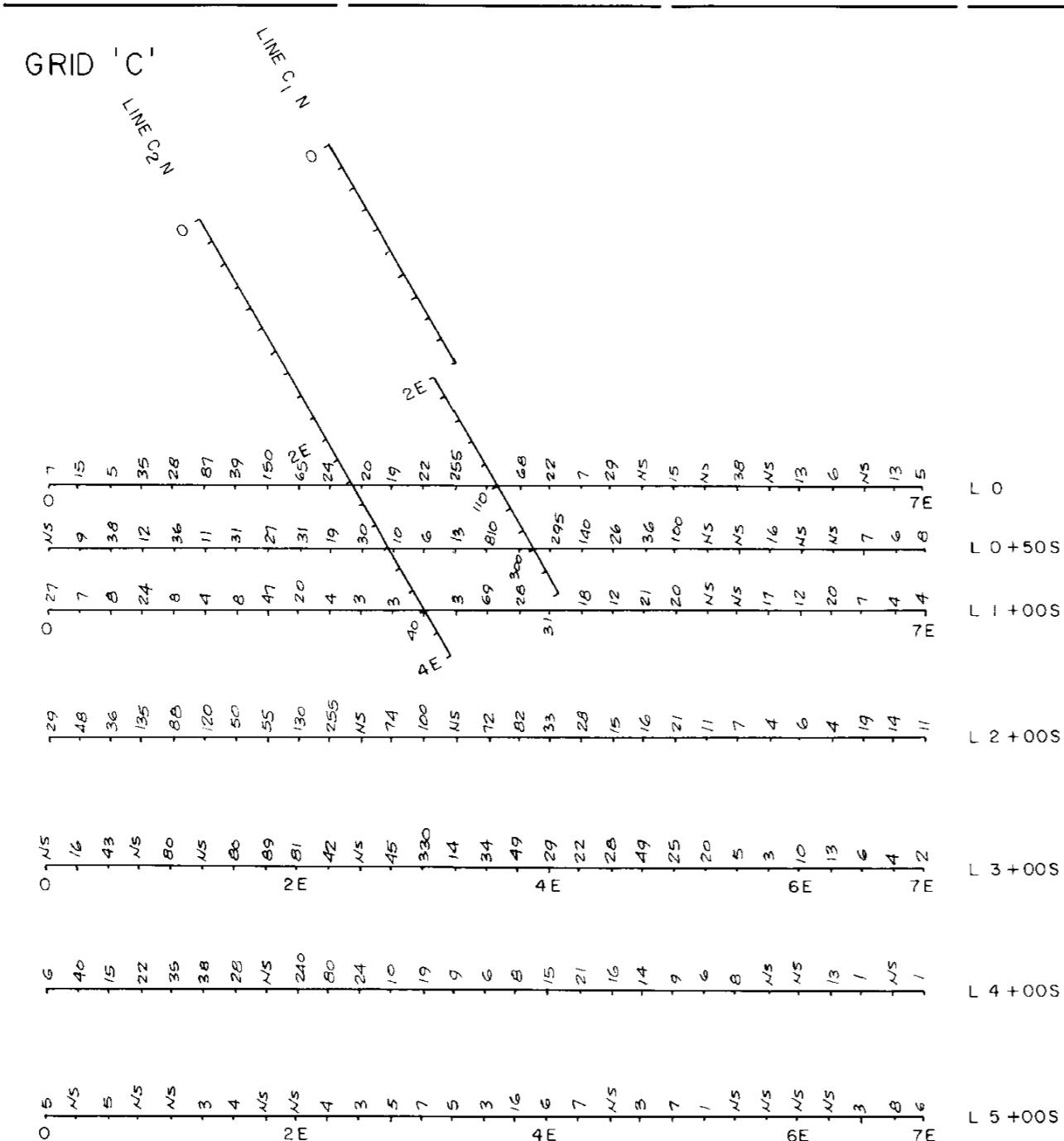
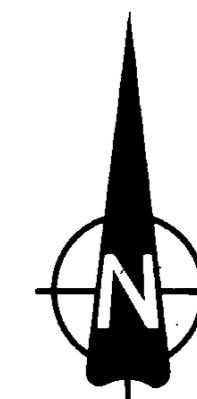
11,495

CREAM SILVER MINES LTD.
RUBY MOUNTAIN PROPERTY
B2 CLAIM; ATLIN M.D. - B.C.

GEOCHEMICAL SURVEY
TUNGSTEN RESULTS in ppm.

100 0 100 200 300 400
Scale 1:5,000

NTS 104-N-11
DATE OCT 27, 1983 CW/r.w.r. FIGURE 5f



| | L-LD1E | L-LD2E | L-LD3E | L-LD4E | L-LD5E |
|----|--------|--------|--------|--------|--------|
| 4N | 1 | 1 | 1 | 7 | 3 |
| | 3 | 4 | 1 | 4 | 3 |
| | 2 | 2 | 1 | 1 | 2 |
| | 1 | 6 | 1 | 3 | 6 |
| | 1 | 6 | 1 | 10 | 5 |
| | 1 | 2 | 4 | 5 | 4 |
| | 1 | 1 | 5 | 2 | 2 |
| 2N | 1 | 2 | 2 | 2 | 2 |
| | 1 | 10 | 1 | 2 | 3 |
| | 4 | 4 | 2 | 1 | 50 |
| | 1 | 3 | 4 | 2 | 2 |
| | 1 | 2 | 5 | 7 | 2 |
| | 1 | 2 | 3 | 3 | 2 |
| | 1 | 7 | 1 | 1 | 3 |
| | 1 | 5 | 2 | 6 | 4 |
| 0 | 2 | 2 | 6 | 5 | 4 |

B2 M.C.

LCP

B1 M.C.

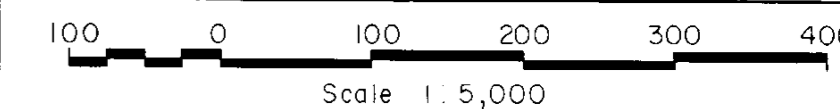
LCP

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,495

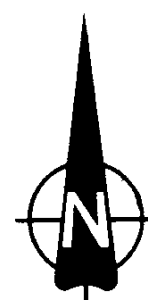
CREAM SILVER MINES LTD.
RUBY MOUNTAIN PROPERTY
B2 CLAIM, ATLIN M.D. - B.C.

GEOCHEMICAL SURVEY
TIN RESULTS in p.p.m.

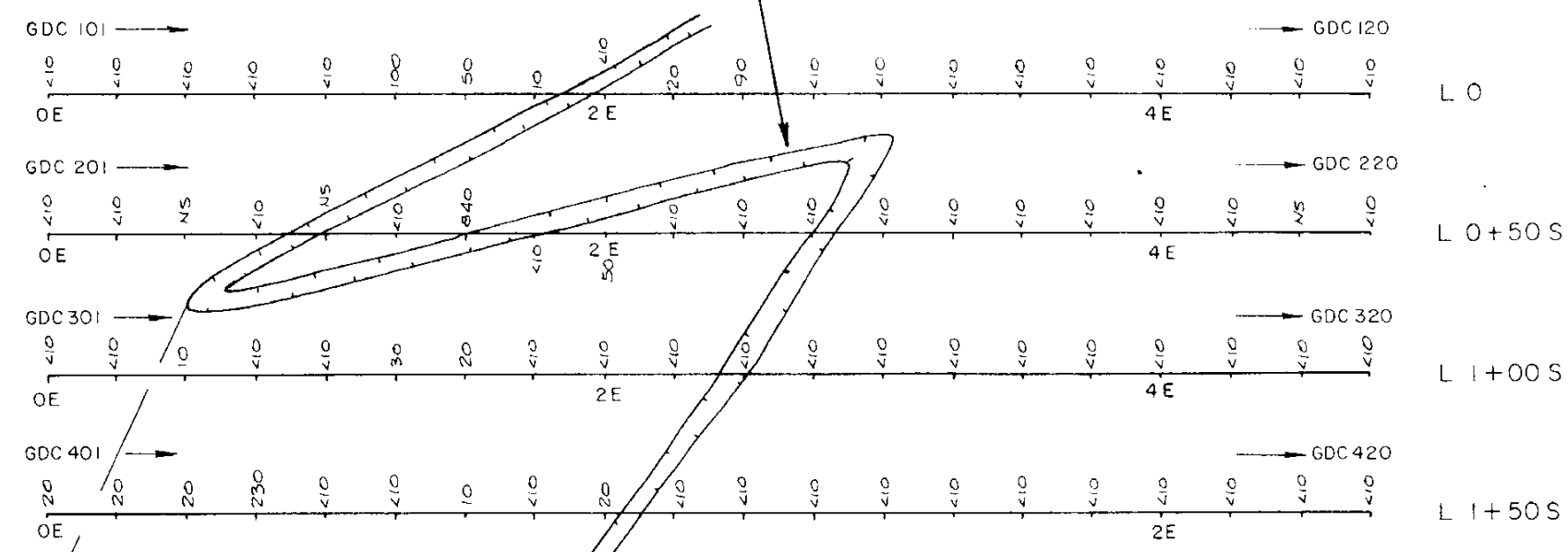


NTS 104-N-11
DATE OCT 27, 1983 CW/r.w.r.

FIGURE 5g



APPROXIMATE LOCATION OF YUKON REVENUE'S TRENCH
SAMPLED IN 1981



2160 m at 205° TO GDC 2 LCP

LEGEND

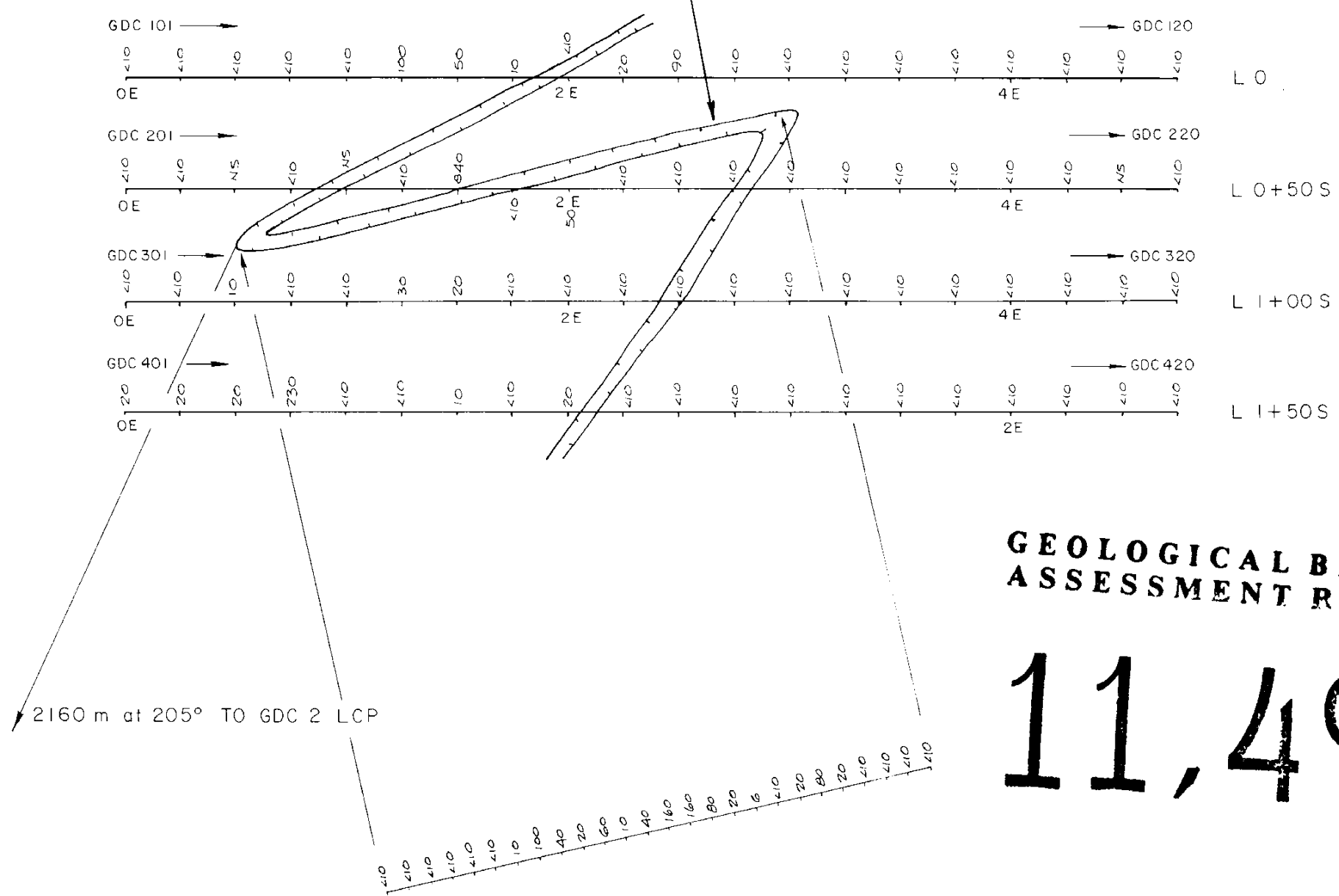
GDC 101 SAMPLE NUMBER
|<10 GOLD VALUE IN ppb

1985

| | |
|----------------------------|-----------------|
| CREAM SILVER MINES LTD. | |
| GDC 2 MINERAL CLAIM | |
| ATLIN M.D. | NTS 104-N-11,12 |
| GOLD GEOCHEMISTRY | |
| 0 50 100 m SCALE 1:2500 | |
| DATE: OCT. 25, 1983 | FIGURE 6 |
| BY: CW / r.w.r. | |



APPROXIMATE LOCATION OF YUKON REVENUE'S TRENCH



LEGEND

GDC 101 → SAMPLE NUMBER
↓ GOLD VALUE IN ppb

GEOLOGICAL BRANCH
ASSESSMENT REPORT

| | |
|--|------------------|
| CREAM SILVER MINES LTD. | |
| GDC 2 MINERAL CLAIM | |
| ATLIN M.D. | NTS 104-N-11, 12 |
| GOLD GEOCHEMISTRY | |
| 0 50 100 m SCALE 1:2500 | |
| DATE: OCT. 25, 1983 BY: CW / r.w.r. | FIGURE 6 |



TO 4200 TO 5600 TO 1500 TO 1700

950 m To B2
CORNER POST 4N

B2 M.C.

B1 LCP BIM.C.

950 m To
B2 LCP

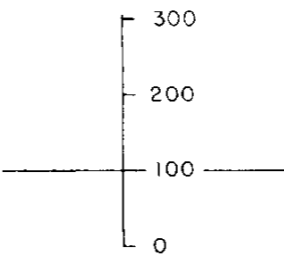
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

B2 M.C.

11,495

B-2 CLAIM LINE

PROFILE SCALE
MILLIGAMMAS



| | |
|---|--------------|
| CREAM SILVER MINES LTD. | |
| B-2 MINERAL CLAIM | |
| ATLIN M.D. | NTS 104-N-11 |
| ORIENTATION FLUXGATE MAGNETOMETER SURVEY | |
| 0 100 200 300m | |
| SCALE 1:5000 | |
| DATE: OCT. 30, 1983 | FIGURE 7 |
| BY: CW / r.w.r. | |