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VANCOUVER, B.C.	

SCUD 4, 6, 8, 9, 10
CLAIMS
(4848, 4850, 4852, 4853, 4854)

LIARD MINING DIVISION

PROSPECTING REPORT
OCTOBER, 1989

FILMED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19, 193

Latitude 57³⁰
56⁵⁰'
Longitude 131³⁶ 17

Paul W. Jones
CORONA CORPORATION

TABLE OF CONTENTS

	Page No.
CONCLUSIONS	1
RECOMMENDATIONS	1
INTRODUCTION	2
GEOLOGY	
REGIONAL	6
PROPERTY	7
PROSPECTING TRAVERSES	9
GEOCHEMISTRY	14
STATEMENT OF COSTS	15
STATEMENT OF QUALIFICATIONS	16
BIBLIOGRAPHY	17
APPENDIX A - GEOCHEMICAL METHODS	
APPENDIX B - SAMPLE DESCRIPTIONS	
APPENDIX C - ANALYTICAL RESULTS	

LIST OF FIGURES

PROPERTY LOCATION MAP	4
CLAIM LOCATION MAP	5
REGIONAL GEOLOGY MAP	8
MAPS	In Back
Compilation Map 1 - 1:25,000	

CONCLUSIONS

The SCUD B claim group has one specific area that should be worked. These are porphyry Cu zones with Co veins that are enriched in base metals and silver.

RECOMMENDATIONS

More detailed exploration along the 1.5 km strike length to assess the continuity of the showings is recommended. A second phase would be contingent on initial results.

INTRODUCTION

The SCUD B claim group includes the SCUD 4 (4848), SCUD 6 (4850), SCUD 8 (4852), SCUD 9 (4853) and SCUD 10 (4854) claims. They were all staked on July 5, 1988 by a contractor for Lacana Ex. (1981) Inc., a subsidiary of Corona Corporation. They are located at the head waters of the Scud River and cover the ground at the foot of several glaciers that extend down from Mount Hickman. The claims lie to the east of the Coast Plutonic Complex, Intermontane Belt contact. Access is via helicopter from the Scud airstrip located at the confluence of the Scud and Stikine Rivers or the Galore Creek airstrip which is located 20 km to the south west.

The claims are composed of Permian limestones and tuffaceous siltstones of the Stikine assemblage overlain by Triassic Stuhini Group undifferentiated volcanics and sediments. On the eastern border of the volcanic sediment package the middle-late Triassic Hickman Pluton dominates. This intrusion has metamorphosed some of the rocks to the west grading from greenschist through amphibolite facies. Upper Triassic Stuhini group rocks are seemingly unaltered by the Hickman Pluton. Later middle Jurassic Yehiniko Pluton and Eocene intrusives are also present.


The claims are predominantly Hickman Plutonic rocks of varying composition. These rocks form the eastern boundary. On the west in SCUD 9 the Permian Stikine assemblage occupies all but a thin sliver of the western boundary. At this point younger Triassic and Stuhini rocks have been thrust over the older Permian limestones and tuffaceous siltstone. Complicated zones of faulting and folding of the Stuhini and older Triassic rocks on the west boundary host barite veins and Pb rich sulphide lenses. Within the Permian sediments quartz stock work with elevated Ba, Ni and W values in gossan zones were prospected. Additional geologic mapping and sampling would delineate any future potential. At the contact of the Hickman Pluton and metamorphosed Triassic rocks, rusty siliceous mica schists with disseminated pyrite, quartz veins and feldspar porphyry intrusive stocks are present.

The most interesting zone prospected last year is encompassed by SCUD 10. A zone in the granodiorite to hornblende quartz diorite intrusive hosts a multitude of mineral environments. These include, shear/fault zones, disseminated chalcopyrite, pyritic porphyry units, quartz stockwork and vein areas, quartz carbonate ankerite veins, and metamorphosed volcanic sediment packages adjacent to the Hickman Pluton. Consistent Cu with high Co and base metals occur over a strike length of 1.5 km. Silver values are also of interest. A detailed grid is planned over this area and geologic, geochemical and geophysical surveys will be run to determine its potential.

A major prospecting program was undertaken during August of 1988. This program was based at the Scud airstrip. During 9 man days, 60 samples were collected. The cost of this exploration amounted to \$13,718.00 Canadian dollars. A regional government geochemical survey released in June of 1988 provided limited coverage of the SCUD claim block.

PROPERTY LOCATION



 CORONA CORPORATION

SCUD PROPERTY LOCATION MAP

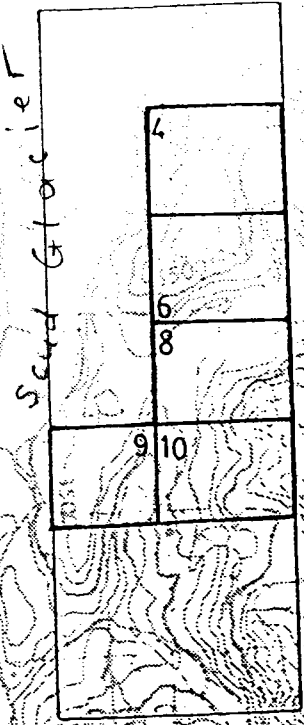
DATE: Jul./1989

SCALE:

DRAWING No. Fig.1

TELEGRAPH CREEK

65 km



SCUD AIRSTRIP

33 km

SCUD
4,6,8,9,10



Scale

 CORONA CORPORATION

**SCUD PROPERTY
CLAIM LOCATION MAP**

DATE: Jul./1989 SCALE: 1:150,000 DRAWING No. Fig.2

REGIONAL GEOLOGY

The claim area lies on the western margin of the Intermontane Belt at its contact with the Coast Plutonic Complex. Paleozoic sediments and Mesozoic sediments and volcanics are cut by intrusive bodies of the main Coast Belt and the satellite Hickman and Yeheniko plutons. General tectonic fabric of the region trends north-northwesterly.

The oldest rocks exposed in the area are Lower Paleozoic clastics including impure quartzites and limestones, overlain by crystalline schists and gneisses. A thick impure limestone unit caps the Paleozoic oceanic sequence.

The lower contact of Mesozoic units is described by F.A. Kerr, G.S.C. Memoir 246 and J.G. Souther, G.S.C. Paper 71-44, as gradational and in places unconformable. Triassic rocks consist of a thick sedimentary sequence overlain by an island arc volcanic assemblage which is in turn capped by volcanic derived sediments.

The Jurassic layered sequence consists largely of a thick, near shore sedimentary package and later volcanic (island arc?) rocks. Extensive intrusive activity during this period resulted in the emplacement of the multi phased 'Coast Complex' and related satellite plutons. Alkaline and calc-alkaline members of this suite are directly associated with most of the numerous mineral occurrences in the area. Cretaceous rocks consist mainly of marine sediments with a thin basaltic to rhyolitic component.

Cenozoic stratigraphy includes mafic and felsic aerial volcanic units. These rocks are a major component of glacial and fluvial deposits throughout the area. Several active hot springs attest to ongoing geologic activity throughout the general Iskut-Stikine region.

Most of the region has been subjected to Quarternary glaciation, resulting in rugged alpine terrain.

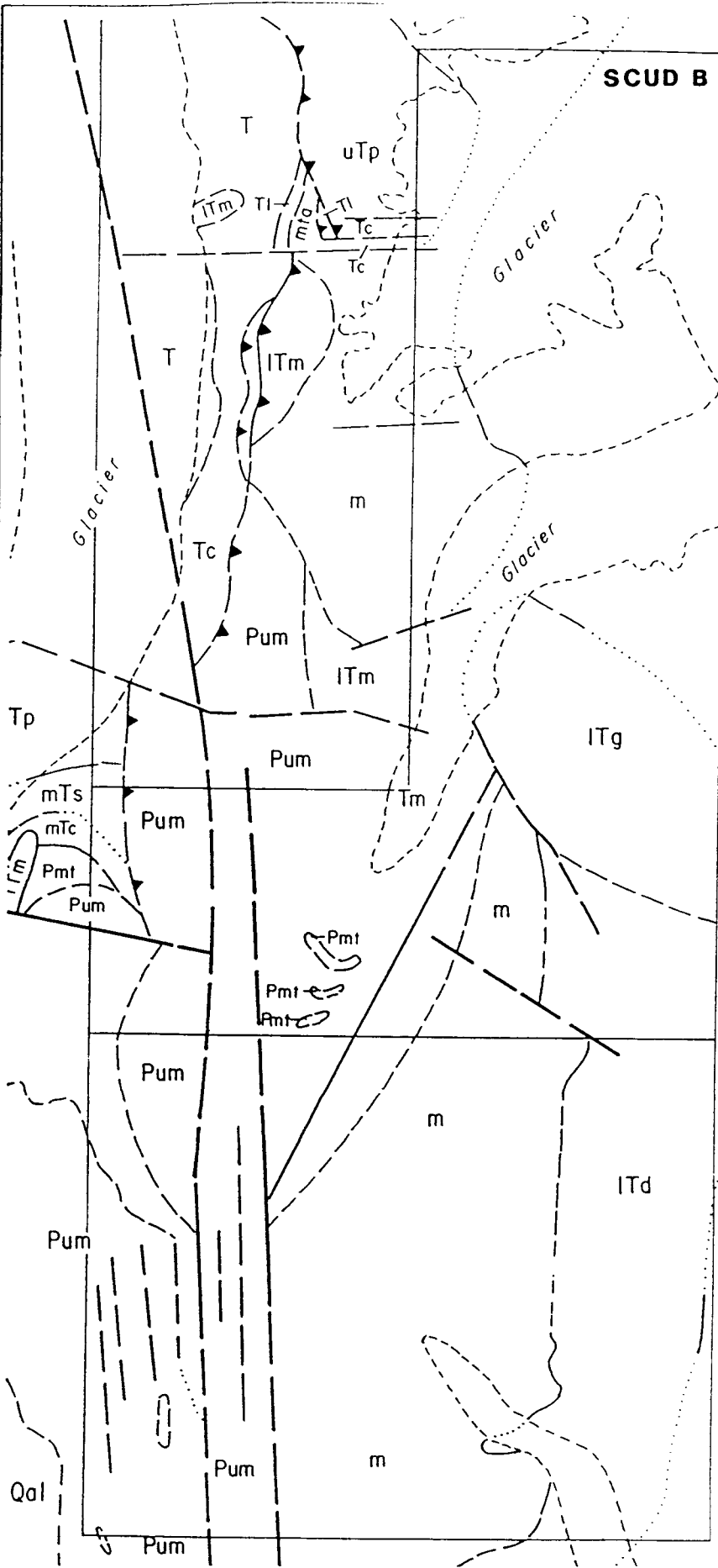
Study of aeromagnetic data published at a scale of 1:250,000 suggests that regional lows may reflect areas of thick ice cover.

PROPERTY GEOLOGY

The SCUD 4, 6, 8, 9, 10 claim group encompasses Paleozoic and Mesozoic metamorphic, volcanic and sedimentary rocks all intruded by Mesozoic granodiorites.

The Mesozoic rocks correlate with the Stuhini Group and the Paleozoic sequence with the Stikine assemblage. The Stuhini Group is composed of a basal maroon and green epiclastic unit overlain by andesite flows, tuffs and volcanic breccia with minor augite phyric basalt sills and/or flows. The sediments that overlie are polymictic conglomerates of augite basalt, volcanics and limestone clasts. The Stikine assemblage as mapped in the area of the Scud Glacier (B.C. MEMPR Open File 1989-7), is divided into Permian and Pre-Permian periods. The basal unit of the Pre-Permian rocks are recrystallized limestones overlain by a schist unit that in turn is covered by a mafic facies then a sedimentary siliceous mixed rhyolitic volcanic and siltstone unit. The Permian period starts with a distinctive rusty argillite covered by a limestone unit which is overlain by a mixed sediment and volcanic package and capped with an other limestone unit.

The bulk of the rocks on the SCUD claims are Triassic volcanics and sediments. In the north and east of the group is a foliated massive mafic metavolcanic unit. This unit has been metamorphosed in part by the Yehiniko Pluton and the Hickman Pluton, two major batholiths. The south portion of the claims contain the Permian sediments including limestones, argillites and siltstones.



LEG.
STRATIFIED ROCKS



QUATERNARY

Qal GLACIAL TILL AND ALLUVIUM

UPPER TRIASSIC

STUHINI GROUP

- uTs** FOSSILIFEROUS SHALE, SLTSTONE, ARGILLITE
- uTv** ANDITE AND PLAGIOCLASE-PHYRIC BASALT AND ANDESITE FLOWS, ANDESITE BRECCIA, POLYCRISTIC CONGLOMERATE CONTAINING ANDITE, PORPHYRY, GRANITOID AND RARE LIMESTONE, SILTSTONE AND SLUICEOUS TUFF CLASTS
- uTp** WELL-BEDDED GREEN PYROXENE CRYSTAL TUFF AND TUFFACEOUS SILTSTONE, PYROXENE-PHYRIC BASALT SILLS AND/OR FLOWS

MIDDLE TO UPPER (?) TRIASSIC

mT UNDIFFERENTIATED SEDIMENTARY ROCKS, GRAPHIC ARGILLITE (ITg), BLACK, RED AND GREEN CHERT (mTc), GREEN TUFFACEOUS SILTSTONE AND GREYWACKE (mTs)

TRIASSIC OR OLDER

- I** UNDIFFERENTIATED VOLCANIC AND SEDIMENTARY ROCKS, METAVOLCANIC ROCKS (ITm), WELL-BEDDED SLUICEOUS ROCKS (Tc) AND DISCONTINUOUS LIMESTONE (IT)
- m** FOLIATED TO MASSIVE MAFIC METAVOLCANIC ROCKS, AMPHIBOLITE, BIOTITE SCHIST, MINOR MEDIUM-GRAINED PYROXENITE

STIKINE ASSEMBLAGE

PERMIAN

- Pum** LIMESTONE UNIT: UPPER MEMBER, GREY CALCARENITE (Pum), MINOR ARGILLITE (Pm), MAROON AND GREEN PLAGIOCLASE CRYSTAL LITHIC TUFF (PmT) AND GREEN TUFFACEOUS SILTSTONE
- Pm** LIMESTONE UNIT: LOWER MEMBER, BIOCLASTIC, LIGHT GREY TO BLACK CALCARENITE
- Pimm** DARK GREY TO BLACK, COARSELY BIOCLASTIC MICRITE (LARGE RUDDY CORALS COMMON)
- Pm** RUSTY ARGILLITE UNIT, PYRITE-PYRROTHITE-BEARING ARGILLITE AND SILTSTONE

PERMIAN OR OLDER

- st** SLUICEOUS UNIT, WELL-BEDDED TO LAMINATED SERPENTIC ASH TUFF AND SILTSTONE, VARICOLOURED CHERT, BUFF CALCAREOUS SILTSTONE
- bs/bv** BASEMENT UNIT, SEDIMENTARY FACIES (bs) FOLIATED ARGILLITE, SILTSTONE, CALCAREOUS SILTSTONE AND CONGLOMERATE, VOLCANIC FACIES (bv) FOLIATED, CHLORITIC ANDESITE FLOWS AND/OR SILLS, CRYSTAL TUFFS AND LITHIC LAPILLI TUFFS
- bvs** CHLORITE SCHIST MEMBER, LIGHT GREEN CHLORITE SCHIST TO PHYLLITE, MINOR LAPILLI TUFF AND VOLCANIC CONGLOMERATE (bvsC)
- bis** LIMESTONE HORIZONS, WHITE TO GREY RECRYSTALLIZED LIMESTONE IN BOTH bs AND bv
- sls** UNDIFFERENTIATED, RECRYSTALLIZED LIMESTONE

INTRUSIVE ROCKS

TERTIARY (?) DYKES

A - ANDESITE, **B** - BASALT, **F** - LIGHT GREY, QUARTZ-PHYRIC FELSITE DYKES, **M** - DARK GREEN, PYROXENE-PHYRIC OLIVINE BASALT DYKES

Eocene

- Eagd** CHLORITE-ALTERED, PLAGIOCLASE-PHYRIC GRANODIORITE (AGE UNCERTAIN)
- Egd** EQUIGRANULAR, MEDIUM-GRAINED HORNBLende-BIOTITE GRANODIORITE
- Egn** MEDIUM TO COARSE-GRAINED BIOTITE GRANITE, MINOR HORNBLende, LOCALLY K-FELDSPAR MEGACRYSTIC (1-5%, Egn)

MIDDLE JURASSIC

- mJgd** EQUIGRANULAR, MEDIUM-GRAINED HORNBLende-BIOTITE GRANODIORITE AND QUARTZ MONZONITE (mJqm)
- mJd** HETEROGENEOUS, MEDIUM TO COARSE-GRAINED QUARTZ DIORITE, HORNBLende-DIORITE, HORNBLende AND PYROXENITE
- Yehniko Pluton**
- mJgn** PINK, MEDIUM-GRAINED HORNBLende-BIOTITE GRANITE, MINOR QUARTZ MONZONITE

EARLY JURASSIC

eJqm MEDIUM-GRAINED POTASSIUM FELDSPAR MEGACRYSTIC HORNBLende-QUARTZ MONZONITE

MIDDLE-LATE TRIASSIC

MICKMAN PLUTON

- ITd** COARSE-GRAINED, PLAGIOCLASE-MEGACRYSTIC MAGNETITE-BEARING HORNBLende-QUARTZ DIORITE (MAY BE EARLY JURASSIC AGE)
- ITm** MAIN PHASE: HETEROGENEOUS QUARTZ MONZONITE, HORNBLende-BIOTITE GRANODIORITE, TONALITE AND QUARTZ DIORITE
- ITg** MAFIC PHASE: HETEROGENEOUS, FINE TO MEDIUM-GRAINED HORNBLende GABBRO AND HORNBLende



PROSPECTING TRAVERSES

The following traverses are grouped according to the individuals who performed the work with the traverse number correlating to traverses marked on the compilation map.

Paul Jones - Prospector - Employee of Corona Corporation, 11 years within the mining industry, the last four years full time.

(21) August 22, 1988

SCUD 6 - 4 rock samples, #1548-1550, 20251

This traverse was run along the north and west side of a glacier that descends from Mount Hickman. The initial host rock was a biotite rich granodiorite. At the contact of the intrusive and the metamorphosed unit, up on the cliffs a fracture zone with quartz and copper mineralization was encountered. The fracture zone was up to 2 m across and had slickensides. The metamorphosed unit was a biotite hornblende gneiss.

Peter Neelands - Geology Student - Summer employee of Corona Corporation, 5 years of field work, the last two full time.

(1) August 8, 1988

SCUD 6 - No Samples Collected

This traverse started along a glacier that descends down from Mount Hickman. The traverse continued up the mountain side through the hornblende biotite granodiorite. At the west of the mountain top the traverse continued over an ice field to a solitary knoll. This outcrop was part of the Triassic metavolcanic unit. The traverse also included Karen Sobey.

(24) August 23, 1988

SCUD 10 - 1 Rock Sample, #20587

The rocks on this traverse were of two types, the quartz monzonite-granodiorite of the Hickman Batholith and metavolcanic Triassic rocks. The contact of these units was the exploration target.

Paul Huel - Contract Prospector - Resident of Hazelton, B.C. with over 10 years of mineral experience.

(5) August 9, 1988

SCUD 10 - 8 Rock Samples, #1701-1708

The traverse was confined to a cirque on the east side of the glacier running down from Mount Hickman. This alpine cirque has a major structural lineament running through it. The rocks were feldspar porphyry plugs within the host granite Hickman intrusive and a fine grained mafic metavolcanic unit. Numerous dykes cross-cut all of the stratigraphy. The major structure has quartz ankerite zones that contain varying amounts of sulphides, pyrite and chalcopryrite. Crosscutting this major structure are numerous splay faults.

(9) August 10, 1988

SCUD 10 - 11 Rock Samples, #1709-1719

A continuation of the previous day's traverse was undertaken. The start was in a dry fault gully formed by the major structure. A 2 - 3 m wide quartz vein and quartz flooded, ankerite zone was discovered. This zone striked 120° east and dipped to the NE 70°. The mineralization present included chalcopryrite, bornite, pyrite and a pink bloom that has since been identified as erythrite. As the traverse continued talus samples from the eastern cliffs were collected. These samples were quartz rich intrusive rocks with trace amounts of pyrite, chalcopryrite, molybdenite and galena.

(13) August 11, 1988

SCUD 10, 12 - 8 Rock Samples, #1720-1727

This traverse involved a half day on the SCUD 10 claim and a helicopter move to SCUD 12 at noon. The southeast extension of a structure discovered on previous days was investigated on SCUD 10. A zone of quartz veins with chalcopyrite and tetrahedrite was prospected. Following this a move and traverse within the mafic metavolcanic unit was completed.

(25) August 23, 1988

SCUD 9, 10 - 5 Rock Samples, # 20709-20713

This traverse started in the mafic Hickman intrusive and passed through the mafic metavolcanic Triassic rocks and into the major Upper Permian Limestone unit. At the start an old claim post was found, IP #62476, Peter Holbek, Teck Corp. June 26/81 4N 5W. The rocks on this traverse all had up to 1% disseminated sulphides, pyrite and chalcopyrite.

Bruce Holden - Contract Prospector, a resident of Hazelton, B.C. has been working in the mineral exploration industry for 10 years.

(6) August 9, 1988

SCUD 10 - 7 Rock Samples, # 1601-1608

1 Silt Sample, # BHSCStm2

The traverse was confined to a cirque on the east side of the glacier running down from Mount Hickman. This alpine cirque has a major structural lineament running through it. The rocks include a variety of feldspar porphyry plugs within the major Hickman granite intrusive. Numerous quartz ankerite zones that splay off the main structure were prospected. These splays introduced more sulphides into the host rocks creating pyritic felsic volcanic zones.

(10) August 10, 1988

SCUD 10 - 12 rock samples, #1609-1620

A continuation of the previous days traverse was undertaken. The start of the day was within a dry fault gully formed by the major structure. A 2-3 m wide quartz vein and quartz flooded, ankerite zone was discovered. The mineralization present includes chalcopyrite, pyrite and a pink bloom that has since been identified as erythrite. Further along but out of the structure to the south float samples of quartz with chalcopyrite and molybdenite were collected. The end of the traverse involved investigating small fault controlled ankerite zones.

(14) August 11, 1988

SCUD 10, 12 - 6 rock samples #1621-1626

This traverse involved a half day on the SCUD 10 claim and a helicopter move to SCUD 12 at noon. The south east extension of a structure discovered on previous days was investigated on SCUD 10. A zone of quartz veins with chalcopyrite and tetrahedrite was prospected. One quartz zone had erythrite that was also noted north west along the structure 2 km away. Following this a move and traverse within the mafic metavolcanic unit was completed.

Rob Klassen - Company Geologist - Working for Corona Corporation for the last two years consecutively.

(7) August 9, 1988

SCUD 5, 7, 9 - 11 Rock Samples, # 1901-1911

This traverse was along the north-south ridge paralleling and east of the Scud Glacier. The geology starts in the Triassic metavolcanics which are of a lower grade greenschist facies then observed elsewhere. Within these mafic metavolcanics are granitic plugs with trace amounts of pyrite and chalcopyrite. The volcanic become more andesitic to the south. The end of the traverse was in the Permian limestones and argillites.

(15) - August 11, 1988

SCUD 7, 9 - 16 Rock Samples, # 1926-1941

Gossans on the banks of creeks cutting the ridge east of the Scud Glacier were targets for the day. The traverse involved prospecting from the ridge down the sharp creek valleys. These cuts were shear zones with abundant ankerite and quartz stockwork. Trace amounts of chalcopyrite and malachite were found. Although mapped as Permian limestone, where investigated siliceous volcanics were found.

(22) - August 22, 1988

SCUD 8, 12 - 8 Rock Samples, # 1267-1274

This day involved two separate traverses. The morning was spent on SCUD 12 along the contact of the diorite Hickman Pluton and the Triassic metavolcanic unit. The metavolcanic rock was very mafic in composition and disseminated pyrite was common. The second half of the day was spent on the north side of a mountain on SCUD 8. This area was completely intrusive in nature.

(26) - August 23, 1988

SCUD 9 - 11 Rock Samples, # 1275-1285

This traverse was along the eastern edge of the Scud Glacier at its foot. The rocks were siliceous, mafic and dark in colour. Rocks sampled had narrow rusty quartz veinlets.

Karen Sobey - Contract Prospector - Graduate of the BCDM Prospecting Course
1987, 2 years field experience.

(2) - August 8, 1988

SCUD 6 - 1 Rock Sample - #1

This traverse started along a glacier that descends down from Mount Hickman. The traverse continued up the mountain side through the hornblende biotite granodiorite. At the crest of the mountain top the traverse continued over an ice field to a solitary knoll. This outcrop was part of the Triassic metavolcanic unit. The traverse also included Peter Neeland.

(8) - August 9, 1988

SCUD 5, 7, 9 - 8 Rock Samples, #1801-1804, 1806-1809

The start of the traverse was within the Triassic metavolcanic unit. At this point the metamorphism was of a low grade greenschist facies. Float rocks of granodiorite were observed. The SCUD 5 IP 1N OW was located. Further south fine grained volcanic rocks with shear zones were sampled. The volcanics are in contact with older Permian sediments which are predominantly limestone. Within these sediments are gabbroic intrusive plugs. The mixed sediments give way to a light coloured sometimes brecciated limestone. This limestone unit is thick and has thin layers of volcanics and sediments.

(16) - August 11, 1988

SCUD 9 - 8 Rock Samples, # 1927-1930, 1817-1821

The targets of this day were gossans in creeks on the eastern flank of the ridge east of the Scud Glacier. Traversing down into the creek shear zones with quartz veins and ankerite were sampled. The government mapping identified the area as Permian limestone but most of the shears were within siliceous volcanic units. Mineralization present was pyrite, chalcopyrite, malachite and molybdenite.

GEOCHEMISTRY

The 60 samples collected during this phase of work were submitted to Min - En Labs of Vancouver for geochemical analysis. Analytical techniques are described in Appendix A, sample descriptions in Appendix B and results in Appendix C.

STATEMENT OF COSTS

SCUD 4, 6, 8, 9, 10

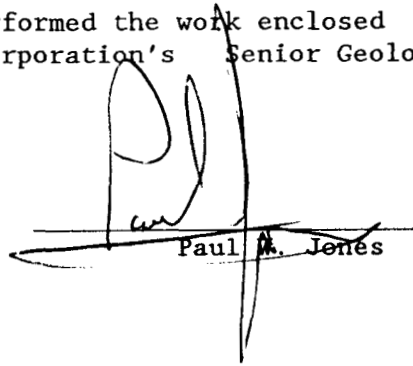
Prospecting 9.0 man days @ \$250/man day	\$ 2,250.00
Samples (Including Shipping) 93 @ \$25/sample	2,325.00
Food @ \$30/man day	270.00
Supplies and Equipment	175.00
Contract Base Camp	1,883.00
Mob - De Mob (Aircraft Charter)	750.00
Helicopter Support 8.5 hours @ \$625/hr	5,315.00
Report Preparation	750.00
	<hr/>
TOTAL	\$ 13,718.00 =====

Dates: August 8, 9, 10, 11, 22, 23, 1988

STATEMENT OF QUALIFICATIONS

I, PAUL WILLIAM JONES of the City of Vancouver, B.C. declare that:

- 1. I have been actively involved in the mining industry in Canada and the United States for 12 years.
- 2. I have personally directed and performed the work enclosed in this report under the supervision of Corona Corporation's Senior Geologist, Darrel Johnson.



Paul A. Jones

DATED THIS ^{PWT} DEC 11TH DAY OF Dec 19 87

AT VICTORIA, BRITISH COLUMBIA.

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6.

APPENDIX A
GEOCHEMICAL METHODS

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke

705 WEST 15th STREET

NORTH VANCOUVER, B.C.

CANADA

ANALYTICAL PROCEDURE REPORTS FOR ASSESSMENT WORK

PROCEDURE FOR GOLD GEOCHEMICAL ANALYSIS.

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

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

A suitable sample weight 5.0 or 10.0 grams are pre-treated with HNO_3 and HClO_4 mixture.

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

At this stage of the procedure copper, silver and zinc can be analysed from suitable aliquote by Atomic Absorption Spectrophotometric procedure.

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

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 5 ppb.



**MINERAL
• ENVIRONMENTS
LABORATORIES**

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK:

PROCEDURE FOR 31 ELEMENT TRACE ICP:

Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cu,
Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb,
Sr, Th, U, V, Zn, Ga, Sn, W, Cr

Samples are processed by Min-En Laboratories., at 705 West 15th Street, North Vancouver, employing the following procedures.

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

1.0 gram of the sample is digested for 4 hours with an aqua regia HClO_4 mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by computer operated Jarrall Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers. Reports are formatted and printed using a dot-matrix printer.

APPENDIX B
SAMPLE DESCRIPTIONS

SCUD B CLAIM GROUP

Sample No.	Sample Type	Description
SCUD 6		
1	grab	No Description
1548	grab	felsic zone with quartz ankerite vein, Fe-staining, gossan
1549	1/2m chip	mineralized quartz vein, malachite, pyrite, chalcopyrite, galena, white quartz at volcanic granite contact
1550	1/2m chip	mineralized quartz vein, malachite, pyrite, chalcopyrite, galena, white quartz at volcanic granite contact
SCUD 8		
1274	grab	tan to green weathered diorite with epidote
SCUD 9		
1277	grab	rusty brown orange to green weathered dark grey fine grained siliceous volcanic weakly foliated with quartz veinlets
1278	grab	rusty tan orange weathered siliceous coarse grained blue green to grey volcanic with secondary quartz veinlets
1279	grab	rusty tan orange weathered siliceous coarse grained blue green to grey volcanic with secondary quartz veinlets
1280	grab	rusty tan orange weathered siliceous coarse grained blue green to grey volcanic with secondary quartz veinlets
1281	grab	rusty tan orange weathered siliceous coarse grained blue green to grey volcanic with secondary quartz veinlets
1282	grab	rusty tan orange weathered siliceous coarse grained blue green to grey volcanic with secondary quartz veinlets
1283	grab	rusty tan orange weathered siliceous coarse grained blue green to grey volcanic with secondary quartz veinlets
1284	grab	rusty tan orange weathered siliceous coarse grained blue green to grey volcanic with secondary quartz veinlets
1285	grab	rusty tan orange weathered siliceous coarse grained blue green to grey volcanic with secondary quartz veinlets
1806	grab	volcanic rhyolitic tuff
1807	grab	contact zone of upper dark microcrystalline limestone with fine grained mafic volcanic with calcite filled fractures and disseminated pyrite
1808	grab	brecciated limestone, dark black matrix with light grey fragments
1809	grab	coarse grained ochre coloured grey limestone

Sample No.	Sample Type	Description
SCUD 9 cont..		
1909	grab	sheared epidote rich mafic volcanic dark grey with minor disseminated pyrite
1910	grab	dark grey microcrystalline limestone with brecciated areas with black matrix
1911	grab	dark grey to black argillite, few clasts (2mm), slightly cleaved appearance
1817	grab	dark fine grained volcanic with 5% disseminated pyrite and quartz veinlets
1818	grab	gossan, flesh weathered granodiorite green grey medium grained with disseminated pyrite and blebs chalcopyrite
1819	grab	dark fine grained micaceous schistose rock with dark rusty veinlets
1820	grab	gossan, brown tarnished weathered light grey intrusive with disseminated pyrite and secondary black mineral
1821	grab	quartz carbonate zone with chalcopyrite and pyrite
1932	grab	yellow orange weathered quartz vein mariposite and minor molybdenite flecks
1933	grab	quartz vein within ultra mafic volcanic
1934	grab	fine grained ultra mafic volcanic with finely disseminated pyrite, 1%
1935	grab	dark orange weathered mafic volcanic with calcite veins with pyrite and chalcopyrite, pyrite also in veinlets and blebs
1936	grab	green mafic volcanic with calcite veins
1937	grab	green to dark grey black mafic volcanic with calcite veins and trace pyrite, chalcopyrite and arsenopyrite
1938	grab	dark grey black brecciated volcanic with quartz carbonate veins, veins are rusty weathered with pyrite and chalcopyrite
1939	grab	dark grey black brecciated volcanic with quartz carbonate veins, veins are rusty weathered with pyrite and chalcopyrite
1940	grab	siliceous brown volcanic with grey blue patches, recrystallized feldspars and secondary calcite veins
1941	grab	siliceous volcanic or grey wacke, grey blue matrix with trace cubic pyrite

Sample No.	Sample Type	Description
SCUD 9 cont..		
20712	grab	rusty sediment layer within massive limestone with pyrrhotite
20713	grab	rusty pod within large limestone unit with pyrrhotite
SCUD 10		
20709	float	rusty granite intrusive with chalcopyrite pyrite and pyrrhotite, chalcopyrite in fractures
20710	grab	rusty fine grained volcanic with pyrite and pyrrhotite
20711	float	rusty fine grained volcanic with disseminated pyrite
20587	grab	intrusive
1701	grab	siliceous contact zone between feldspar porphory and altered granite with 1-2% pyrrhotite
1702	grab	intrusive dyke with chalcopyrite and fine grained mineral, mariposite, within altered granite
1703	grab	felsic dyke with quartz veins with chalcopyrite, molybdenite within altered granite and fine grained dark volcanic
1704	grab	altered granite with chalcopyrite and pyrrhotite trace
1705	grab	altered intrusive with 30% pyrite and chalcopyrite within fine grained mixed volcanics, basalt to dacite
1706	grab	quartz carbonate vein, fracture controlled within feldspar porphory intrusive
1707	float	feldspar porphory intrusive, talus
1708	grab	shear zone with quartz vein and pyrite
1709	grab	feldspar porphory intrusive with 5-10% disseminated chalcopyrite, molybdenite and pyrite
1710	grab	feldspar porphory intrusive with 5-10% disseminated chalcopyrite, molybdenite and pyrite, pink mineral cobalt bloom?
1711	35 cm chip	quartz vein within feldspar porphory intrusive, calcite, chalcopyrite, bornite and pyrite
1712	grab	siliceous carbonate rock with chalcopyrite molybdenite and pyrite
1713	10 cm grab	clay gauge between quartz veins with pink Co bloom and grey mungy sulphide

Sample No.	Sample Type	Description
SCUD 10 cont..		
1714	grab	quartz vein with chalcopyrite and malachite
1715	float	quartz vein with chalcopyrite talus
1716	float	large grey white boulder of quartz with molybdenite, chalcopyrite, galena and 1% disseminated sulphides (pyrite)
1717	grab	quartz carbonate veining within shear zone, see 1619
1718	grab	altered fractured rock with chalcopyrite and pyrite
1719	grab	quartz carbonate vein with disseminated chalcopyrite trace and in blebs
1720	float	sheared zone with quartz carbonate no visible sulphides, talus
1721	grab	sheared zone with quartz carbonate veining, trace chalcopyrite
1722	grab	quartz carbonate vein with 30-50% sulphides, chalcopyrite, malachite and pink cobaltite? bloom
1723	grab	quartz carbonate vein with 30-50% sulphides, chalcopyrite, malachite and pink cobaltite? bloom
1724	grab	10cm quartz carbonate vein with chalcopyrite, malachite, a zurite and trace pyrite
1725	grab	quartz carbonate vein with fine grained disseminated pyrite in rusty zone
1726	grab	quartz carbonate vein within schistose zone
1601	grab	diorite host with feldspar porphory with large clasts and copper minerals
1602	silt	within intrusive zone
1603	grab	contact zone, altered feldspar porphory and diorite with pyrrhotite
1604	grab	altered feldspar porphory with chalcopyrite
1605	grab	quartz carbonate zone within fracture
1606	grab	quartz carbonate zone within fracture
1607	grab	very fine grained volcanic near feldspar porphory with disseminated pyrite
1608	grab	fine grained volcanic with 10% disseminated pyrite

Sample No.	Sample Type	Description
SCUD 10 cont..		
1609	grab	fracture zone with chalcopyrite and molybdenite
1610	grab	fracture zone with quartz flooding and chalcopyrite and pyrite
1611	float	quartz boulder with chalcopyrite 50cm wide
1612	grab	highly fractured intrusive with quartz stockwork with chalcopyrite and molybdenite
1613	grab	quartz zone within showing
1614	grab	quartz zone within showing
1615	float	altered granite with chalcopyrite and pink cobaltite? bloom
1616	float	quartz vein with molybdenite and pyrite, talus
1617	float	gossan, pyritic material, talus
1618	grab	highly fractured and folded carbonate rock with chalcopyrite
1619	grab	fault zone with quartz carbonate material
1620	grab	fault zone with quartz carbonate material, barite?
1621	grab	weakly silicified quartz carbonate zone
1622	grab	quartz zone within fracture with carbonate and chalcopyrite
1623	grab	quartz carbonate zone with pink cobaltite? bloom
1624	grab	quartz carbonate zone
1625	grab	quartz carbonate zone

APPENDIX C
ANAYLTICAL RESULTS

(VALUES IN PPM)

SCHD 6

Table with 20 columns (AG, AL, AS, B, BA, BE, BI, CA, CO, CU, FE, K, LI, MG, MN, MO, NA, NI, P, PB, SB, SR, TH, U, V, ZN, GA, SH, W, CR, AU, PPB) and 5 rows of data.

SCHD 8

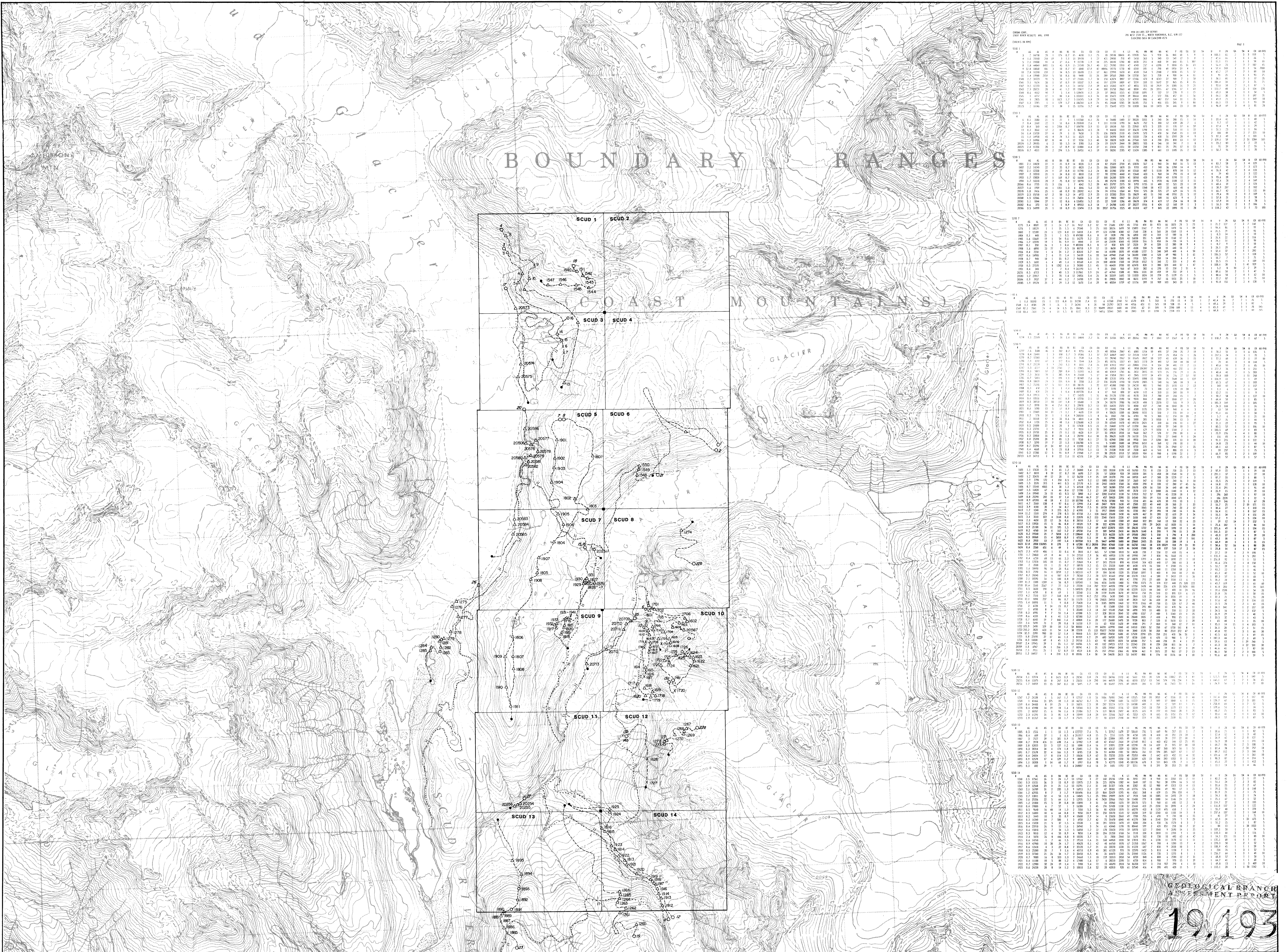
Table with 20 columns (AG, AL, AS, B, BA, BE, BI, CA, CO, CU, FE, K, LI, MG, MN, MO, NA, NI, P, PB, SB, SR, TH, U, V, ZN, GA, SH, W, CR, AU, PPB) and 1 row of data.

SCHD 9

Table with 20 columns (AG, AL, AS, B, BA, BE, BI, CA, CO, CU, FE, K, LI, MG, MN, MO, NA, NI, P, PB, SB, SR, TH, U, V, ZN, GA, SH, W, CR, AU, PPB) and 25 rows of data.

SCHD 10

Table with 20 columns (AG, AL, AS, B, BA, BE, BI, CA, CO, CU, FE, K, LI, MG, MN, MO, NA, NI, P, PB, SB, SR, TH, U, V, ZN, GA, SH, W, CR, AU, PPB) and 50 rows of data.



BOUNDARY RANGES
COAST MOUNTAINS
GLACIER

SCUD 1 SCUD 2
SCUD 3 SCUD 4
SCUD 5 SCUD 6
SCUD 7 SCUD 8
SCUD 9 SCUD 10
SCUD 11 SCUD 12
SCUD 13 SCUD 14

19.193

GEOLOGICAL BRANCH
ASSESSMENT REPORT

X Float Sample Δ Rock Sample □ Representative Sample ○ Silt Sample = 5% Outcrop = 80% Outcrop	MAP SCALE 0 500 1000 1500m NTS		TRVERSE Start End	NO. 1 2 3 4 5	DATE NOV. / 1988	DRAWN BY CHECKED APPROVED	DESCRIPTION OFFICE DEPARTMENT	CORONA CORPORATION	SCUD PROPERTY COMPILATION MAP MAP INDEX NUMBER SCALE 1:25,000 DRAWING NUMBER
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