

LOG NO: 1024	RD
SECTION	
FILE NO:	

**SUB-RECORDER**  
RECEIVED  
OCT 17 1989  
M.R. # ..... \$ .....  
VANCOUVER, B.C.

SCUD 11, 12, 13, 14  
CLAIMS  
(4855, 4856, 4857, 4858)

LIARD MINING DIVISION  
PROSPECTING REPORT

OCTOBER, 1989

FILMED

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

19,192

Latitude ~~56°50'~~ 57°27'  
Longitude ~~131°36'~~ 18'

Paul W. Jones  
CORONA CORPORATION

## TABLE OF CONTENTS

	Page No.
CONCLUSIONS	1 /
RECOMMENDATIONS	1 /
INTRODUCTION	2
GEOLOGY	
REGIONAL	5 /
PROPERTY	6 /
PROSPECTING TRAVERSES	8
GEOCHEMISTRY	10 /
STATEMENT OF COSTS	11 /
STATEMENT OF QUALIFICATIONS	12 /
BIBLIOGRAPHY	13
APPENDIX A - GEOCHEMICAL METHODS /	
APPENDIX B - SAMPLE DESCRIPTIONS /	
APPENDIX C - ANALYTICAL RESULTS /	

## LIST OF FIGURES

PROPERTY LOCATION MAP	3
CLAIM LOCATION MAP	4 /
REGIONAL GEOLOGY MAP	7 /
MAPS	In Back
Compilation Map 1 - 1:25,000	

## CONCLUSIONS

The SCUD C group has a low priority with respect to the rest of the Scud package. The prospecting in the amphibolite grade metamorphic rocks did not produce any showings of economic interest. This along with the fact that a large portion of the claim group overstates previous mineral claims suggests that limited follow-up should be planned. Three areas on SCUD 11 can be prospected to determining whether any potential zones remain undiscovered.

## RECOMMENDATIONS

The SCUD C group should be kept in good standing with minimal work. If local work on adjoining claims suggest that the claim group has any potential then follow-up exploration may be warranted.

## INTRODUCTION

The Scud C claim group includes the four 20 unit Scud 11 (4855), Scud 12 (4856), Scud 13 (4857) and Scud 14 (4858) 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 are to the immediate east of the north south portion of the Scud River where it originates from the Scud glacier. The claims lie on 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 located 20 km to the south west.

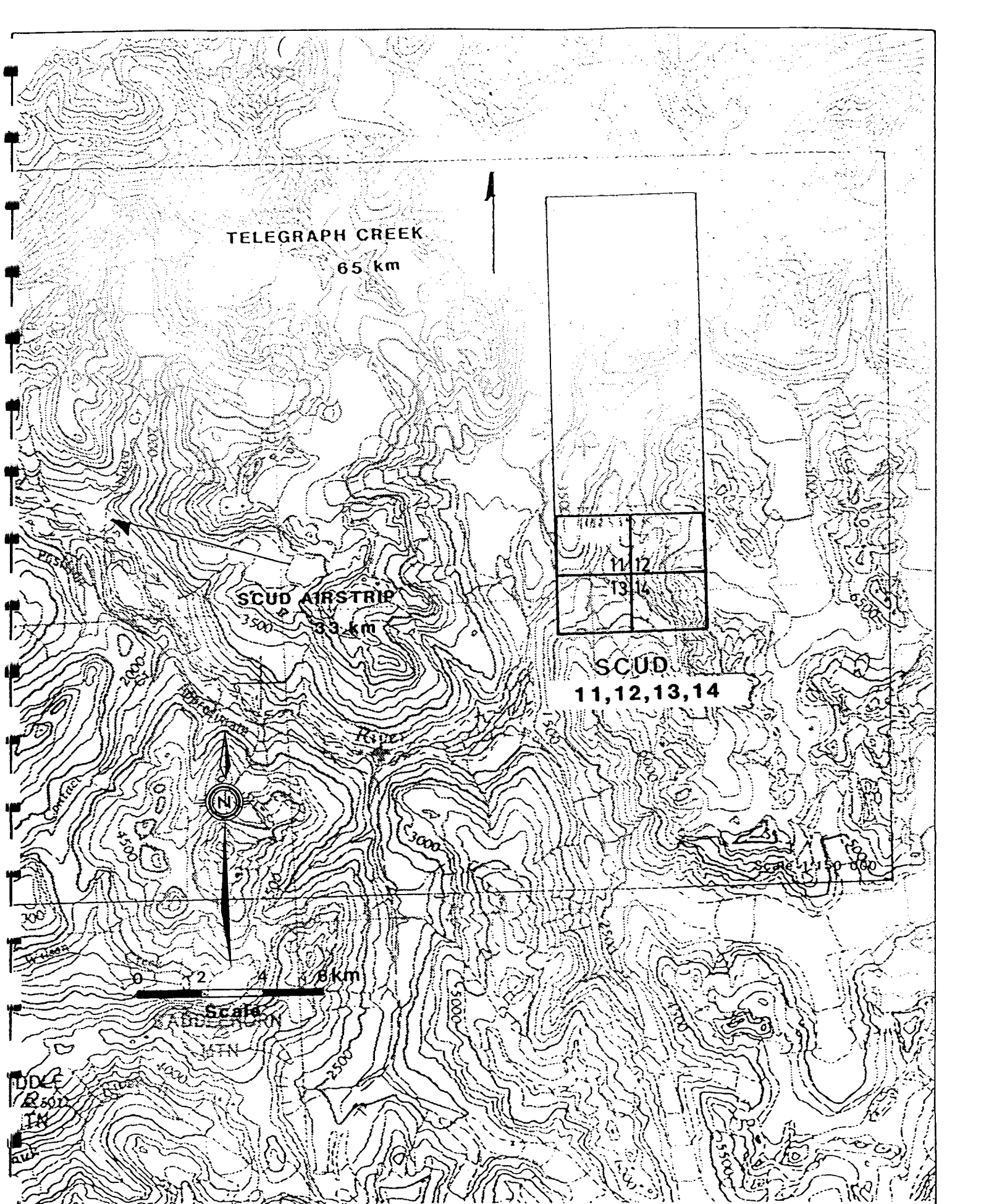
The claims are composed of Permian limestones with tuffaceous siltstones of the Stikine assemblage overlain by Triassic Stuhini Group undifferentiated volcanics and sediments. On the eastern border of the volcanic sediment package the middle-late Triassic Hickman batholith dominates. This intrusion has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


The claims can be divided into 3 north south lithologies. The eastern strip is the hornblende quartz diorite phase of the Hickman Pluton. The central area is a metamorphosed mafic volcanic package which is in fault contact with the older Permian limestone tuffaceous siltstones of the Stikine assemblage to the west. The original mafic composition of the now metavolcanics and iron-rich sediments explains the pervasive disseminated pyrite throughout the lithologies. Elevated Ni and W results were persistent in shear zones sampled. Limited follow-up of these anomalies is warranted.

A major prospecting program was undertaken during August of 1988. This program was based on the Scud airstrip. During 7.5 mandays, 51 samples were collected. The cost of this exploration amounted to \$11,120.00 Canadian Dollars. A regional government geochemical survey released in June of 1988 provided limited coverage of the SCUD claim

# PROPERTY LOCATION





 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 Quaternary 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

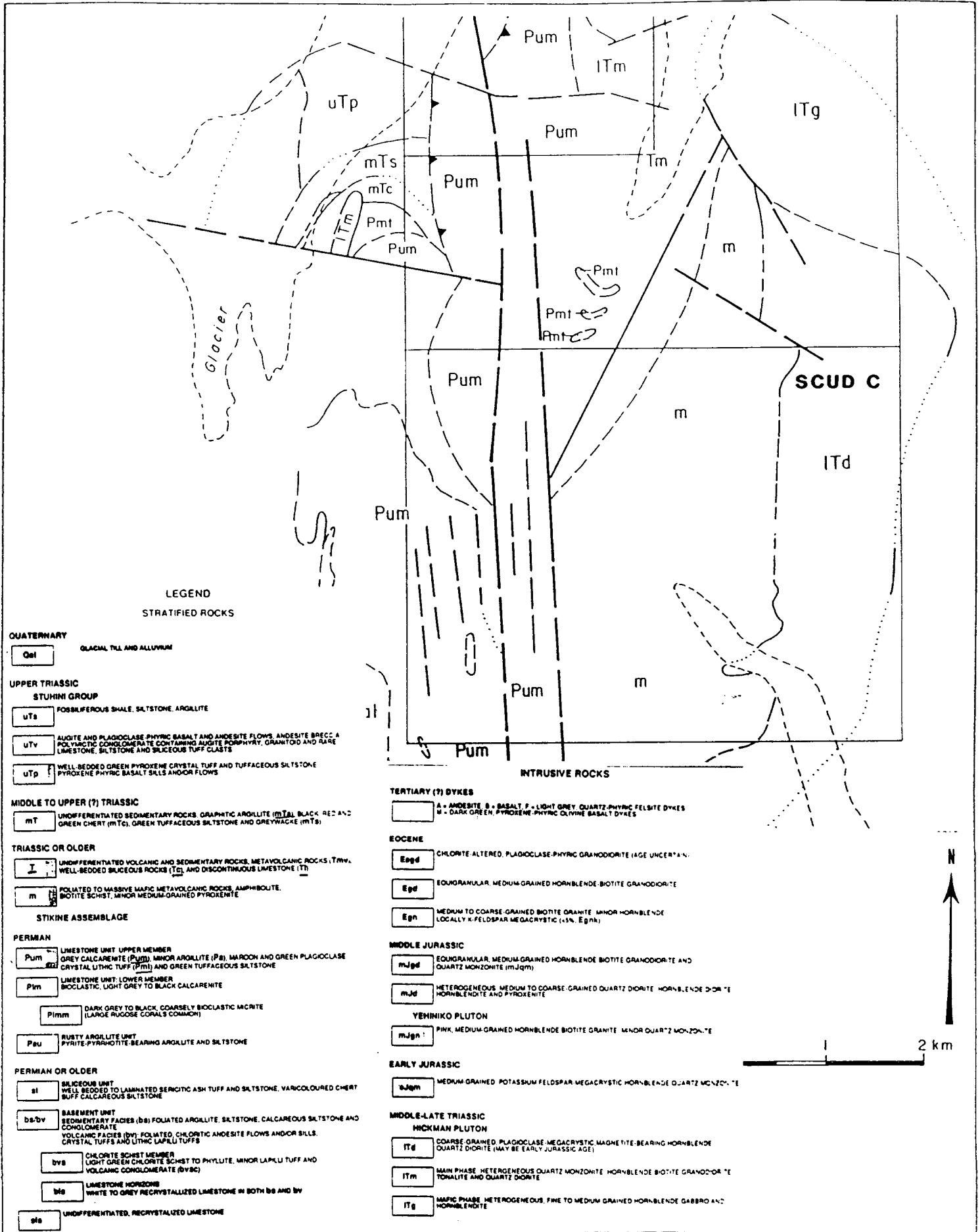
The SCUD 11, 12, 13, 14 claim group encompasses Paleozoic and Mesozoic metamorphosed, volcanic and sedimentary rocks all intruded by Mesozoic granodiorites.

The Mesozoic rocks correlate with the Stuhini Group and the Paleozoic sequence with the Stikine assemblage. The Stuhini Group is composed of 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 siltstone and rhyolitic volcanic 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 another limestone unit.

The geological units, from west to east include a thick sequence of layered limestones, siltstones and argillites of Permian age. Within these older Paleozoic sediments are grabben blocks of younger middle Triassic sediments. These sediments are graphitic argillites and related conglomerates. The central portion of the claim group is a mafic metavolcanic unit. Variations of amphibolite, biotite schist and pyroxenite have been noted and an elevation of Ni and Cr within the rocks analyzed concurs with the mafic composition.

The predominant geologic features within the claim group are strong N-S structures within the Permian limestones on the western portion and the fault contact of these sediments with the Triassic metavolcanics. These metamorphosed rocks have been affected by the Hickman plutonic rocks that occupy the eastern border of the claim group.





**LEGEND**  
STRATIFIED ROCKS

**QUATERNARY**

**Qal** GLACIAL TILL AND ALLUVIUM

**UPPER TRIASSIC**

**STUHINI GROUP**

**uTs** FOSSILIFEROUS SHALE, SLTSTONE, ARGILLITE

**uTg** AUGITE AND PLAGIOCLASE-PHYRIC BASALT AND ANDESITE FLOWS, ANDESITE BRECCIA, POLYHYRIC CONGLOMERATE CONTAINING AUGITE PORPHYRY, GRANITOID AND RARE LIMESTONE, SLTSTONE AND SILICEOUS TUFF CLASTS

**uTd** WELL-BEDDED GREEN PYROXENE CRYSTAL TUFF AND TUFFACEOUS SLTSTONE, PYROXENE PHYRIC BASALT SILLS AND/OR FLOWS

**MIDDLE TO UPPER (?) TRIASSIC**

**mT** UNDIFFERENTIATED SEDIMENTARY ROCKS, GRAPHIC ARGILLITE (mTg), BLACK RED AND GREEN CHERT (mTc), GREEN TUFFACEOUS SLTSTONE AND GREYWACKE (mTs)

**TRIASSIC OR OLDER**

**I** UNDIFFERENTIATED VOLCANIC AND SEDIMENTARY ROCKS, METAVOLCANIC ROCKS, TRIV, WELL-BEDDED SILICEOUS ROCKS (ITc), AND DISCONTINUOUS LIMESTONE (ITd)

**m** FOLIATED TO MASSIVE MAFIC METAVOLCANIC ROCKS, AMPHIBOLITE, BIOTITE SCHIST, MINOR MEDIUM-GRAINED PYROXENITE

**STIKINE ASSEMBLAGE**

**PERMIAN**

**Pum** LIMESTONE UNIT, UPPER MEMBER, GREY CALCARENITE (Pumg), MINOR ARGILLITE (Pam), MAROON AND GREEN PLAGIOCLASE CRYSTAL LITHIC TUFF (Pumt) AND GREEN TUFFACEOUS SLTSTONE

**Pim** LIMESTONE UNIT, LOWER MEMBER, BIOClastic, LIGHT GREY TO BLACK CALCARENITE

**Pimm** DARK GREY TO BLACK, COARSELY BIOClastic MCRITE (LARGE RUOGE CORALS COMMON)

**Pa** RUSTY ARGILLITE UNIT, PYRITE-PYRAMPHITE-BEARING ARGILLITE AND SLTSTONE

**PERMIAN OR OLDER**

**sl** SILICEOUS UNIT, WELL-BEDDED TO LAMINATED SERPENTINE ASH TUFF AND SLTSTONE, VARICOLOURED CHERT, BUFF CALCAREOUS SLTSTONE

**bs-by** BASEMENT UNIT, SEDIMENTARY FACIES (bs) FOLIATED ARGILLITE, SLTSTONE, CALCAREOUS SLTSTONE 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)

**bls** LIMESTONE HORIZONS, WHITE TO GREY RECRYSTALLIZED LIMESTONE IN BOTH bs AND bv

**sls** UNDIFFERENTIATED, RECRYSTALLIZED LIMESTONE

**INTRUSIVE ROCKS**

**TERTIARY (?) DYKES**

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

**Eocene**

**Eagd** CHLORITE ALTERED, PLAGIOCLASE-PHYRIC GRANODIORITE (AGE UNCERTAIN)

**Egd** EQUIGRAHULAR, MEDIUM-GRAINED HORNBLende-BIOTITE GRANODIORITE

**Egn** MEDIUM TO COARSE-GRAINED BIOTITE GRANITE, MINOR HORNBLende, LOCALLY K-FELDSPAR MEGACRYSTIC (+sl, Egnh)

**MIDDLE JURASSIC**

**mJgd** EQUIGRAHULAR, MEDIUM-GRAINED HORNBLende-BIOTITE GRANODIORITE AND QUARTZ MONZONITE (mJqm)

**mJd** HETEROGENEOUS, MEDIUM TO COARSE-GRAINED QUARTZ DORITE, HORNBLende-DORITE, HORNBLende AND PYROXENITE

**YEMNIKO PLUTON**

**mJgn** PINK, MEDIUM-GRAINED HORNBLende-BIOTITE GRANITE, MINOR QUARTZ MONZONITE

**EARLY JURASSIC**

**ejgm** MEDIUM-GRAINED, POTASSIUM FELDSPAR MEGACRYSTIC HORNBLende-QUARTZ MONZONITE

**MIDDLE-LATE TRIASSIC**

**HICKMAN PLUTON**

**ITd** COARSE-GRAINED, PLAGIOCLASE-MEGACRYSTIC, MAGNETITE-BEARING HORNBLende-QUARTZ DORITE (MAY BE EARLY JURASSIC AGE)

**ITm** MAIN PHASE, HETEROGENEOUS QUARTZ MONZONITE, HORNBLende-BIOTITE GRANODIORITE, TONALITE AND QUARTZ DORITE

**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.

(27) August 24, 1988

SCUD 11, 13 - 3 rock samples #20254-20256

This traverse was undertaken along a narrow canyon creek valley. The rocks included banded sediments within a larger limestone unit. The sediments were graphitic in nature and some bands had an abundance of pyrite. Along the gravel bank were the SCUD 11 and 13 Identification Posts ON4W and OS4W respectively.

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

(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.

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

(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.

(11) - August 9, 1988

SCUD 14 - 14 Rock Samples, # 1912-1925

This traverse was along the south west edge of a glacier flowing into the headwaters of the Scud River. It has been referred to in old assessment reports as Highgrader Glacier. The rocks along this traverse are predominantly mafic metavolcanic that have been intruded with a variety of plugs ranging in composition from diorite to leucocratic granodiorite. Late stage mafic dykes are also quite common.

(19) - August 21, 1988

SCUD 14 - 7 Rock Samples #1260-1266

This traverse was along the ridge to the west of the route taken along the glacier on August 10. The traverse was limited to the alpine due to steep cliffs. The Hickman diorite intrusive predominates to the south. The remainder of the day was spent in mafic metavolcanics. Near the contact of the metamorphic rocks and the Hickman Pluton copper mineralization, chalcopyrite, malachite was discovered in both the intrusive and volcanics.

(22) - August 22, 1988

SCUD 8, 12 - 8 Rock Samples, # 1275-1285

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.

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

(12) - August 10, 1988

SCUD 14 - 8 Rock Samples, # 1805, 1810-1816

This traverse was done on the western side of a glacier that flows into the headwaters of the Scud River. It has been named in older assessment reports as Highgrader Glacier. This travers was through predominantly mafic metavolcanics. Intruding into these volcanics are gabbroic intrusive plugs and dykes.

(23) - August 22, 1988

SCUD 13 - 8 Rock Samples, # 1885-1890, 1894, 1895

3 Silt Samples, # 1891-1893

This traverse was down a ridge that is predominantly Permian limestone. The limestones have quartz ankerite shear zones that are brecciated. The sediments have a high background of Ni probably owing in part to the close proximity of the mafic metavolcanic unit and the presence of the mafic Hickman Pluton to the east.

#### GEOCHEMISTRY

The 51 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 11, 12, 13, 14 - PROSPECTING

Prospecting 7.5 man days @ \$250/man day	\$1,875.00
Samples (including shipping) 51 @ \$25/sample	1,275.00
Food @ \$30/man day	225.00
Supplies and Equipment	175.00
Contract Base Camp	1,570.00
Mob-demob (Aircraft Charter)	750.00
Helicopter Support 7.2 hrs @ \$625/hr	4,500.00
Report Preparation	750.00
	<hr/>
TOTAL	\$11,120.00
	<hr/> <hr/>

Dates: August 10, 11, 21, 22, 24, 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 W. Jones

DATED THIS 11<sup>th</sup> DAY OF Dec 1989

AT VICTORIA, BRITISH COLUMBIA.

## BIBLIOGRAPHY

- Alldrick, D.J., Drown, T.J., Grove, E.W., Kruckowski, E.R., Nichols, R.F., 1989  
Iskut - Sulphurets Gold; The Northern Miner Magazine, January 1989.
- Allen, D.G., Pantelegev, A., Armstrong, A.T., 1976 - Porphyry Copper Deposits  
of the Alkalic Suite, Galore Creek; C.I.M., Special Volume 15, Paper 41.
- Barr, D.A., Fox, P.E., Northcote, K.E., Preto, V.A., 1976 - Porphyry Copper  
Deposits of the Alkalic Suite, The Alkaline Suite Porphyry Deposits - A  
Summary; C.I.M., Special Volume 15, Paper 36.
- Brown, D., Wojdak, P., 1989 - K-Feldspar Connection: Relationship of K-Feldspar  
Intrusions to Cu Porphyries and Au Veins, Stewart Iskut Belt, B.C.;  
G.A.C., Copper-Gold Porphyry Workshop April 1989.
- Buddington, A.F., 1929 - Geology of Hyder and Vicinity Southeastern Alaska;  
U.S.G.S., Bulletin 807.
- Grove, E.W., 1986 - Geology and Mineral Deposits of the Unuk River - Salmon  
River - Anyox Area; B.C. M.E.M.P.R., Bulletin 63.
- Hodgson, C.J. - Recent Advances in the Archean Gold Model, With Implications  
for Exploration for "Mesothermal-Type" Gold Deposits in the Cordillera;  
G.A.C., Cordilleran Section Short Course No. 14.
- Kerr, G.A., 1948 - Lower Stikine and Western Iskut River Areas, British  
Columbia; G.C.S., Memoir 246.
- Lowell, J.D. 1988 - Gold Mineralization in Porphyry Copper Deposits; Society  
of Mining Engineering, SME Annual Meeting January 1988.
- Lowell, J.D., Guilbert, J.M., 1970 - Lateral and Vertical Alteration -  
Mineralization Zoning in Porphyry Ore Deposits; Economic Geology, Vol. 65,  
No. 4.
- Souther, J.G., 1972 - Telegraph Creek Map-Area, British Columbia; G.S.C., Paper  
71-44.
- Souther, J.G., Brew, D.A., Okulitch, A.V., 1979 - Iskut River, British Columbia,  
Alaska; G.S.C., Map 14/8A.
- Sutherland Brown, A., 1976 - General Aspects of Porphyry Deposits of the Canadian  
Cordillera; Morphology and Classification; C.I.M., Special Volume 15, Paper  
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  $\text{HNO}_3$  and  $\text{HClO}_4$  mixture.

After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25%  $\text{HCl}$  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  $\text{HClO}_4$  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 C CLAIM GROUP

Sample No.	Sample Type	Description
SCUD 11		
20254	grab	graphitic layers within coarsly crystalline limestone
20255	grab	mixed meta sediment unit with arsenopyrite
20256	grab	meta sediment unit with disseminated euhedral pyrite
SCUD 12		
1267	grab	dark orange brown weathered fine grained dark grey mafic volcanic with disseminated pyrite
1268	grab	epidote rich quartz vein in contact with feldspar porphory
SCUD 12 cont..		
1269	grab	contact between feldspar porphory and mafic volcanic
1270	grab	brown orange weathered mafic volcanic with disseminated pyrite at contact with feldspar porphory
1271	grab	gossanous rock with Fe-staining, possibly intrusive
1272	grab	intermediate dyke within gossanous intrusive
1273	grab	rusty syenite with abundant epidote and quartz veining
1626	float	rusty siliceous mica schist talus
1727	float	quartz carbonate barite vein talus
1924	grab	dark orange weathered intermediate volcanic with chalcopyrite crystals and calcite veinlets
1925	grab	green schistose mafic biotite volcanic at contact with intermediate volcanic
SCUD 13		
1885	float	rusty quartz carbonate ankerite zone within volcanics, talus
1886	grab	brecciated limestone unit
1887	float	gossanous brecciated limestone with quartz carbonate zones, trace disseminated pyrite, talus
1888	grab	1/2m wide quartz ankerite zone
1889	grab	sediment (siltstone) with 10m wide gossanous ankerite zone
1890	grab	flesh colour gossan (volcanic?) with fine grained disseminated pyrite
1891	silt	
1892	silt	

Sample No.	Sample Type	Description
1893	silt	
1894	grab	within creek, medium volcanic
1895	grab	brecciated limestone
SCUD 14		
1260	grab	tan being weathered mixed felsic intrusive and coarse grained diorite with hornblende and pink and green feldspars
1261	grab	rusty brown weathered fine grained felsic dark green volcanic with disseminated pyrite
SCUD 14 cont..		
1262	grab	rusty orange weathered fine grained dark grey felsic volcanic with disseminated pyrite
1263	grab	feldspar porphyry, fine grained grey intermediate with disseminated pyrite
1264	grab	mafic volcanic with quartz veins with disseminated pyrite, chalcopyrite, malachite and molybdenite
1265	grab	green weathered copper stained very siliceous coarse grained intrusive
1266	grab	mafic volcanic with silicified zone with malachite and azurite
1912	grab	felsic coarse grained granodiorite biotite and hornblende and pink and green feldspars
1913	grab	tan weathered siliceous fine grained volcanic with biotite
1914	grab	tan weathered siliceous fine grained volcanic with biotite
1915	grab	rusty weathered coarse grained diorite with chlorite alteration
1916	grab	dark grey fine grained mafic volcanic with carbonate veinlets
1917	grab	rusty weathered contact of granitic intrusion into mafic volcanic, contact very siliceous
1918	grab	dark green to dark grey mafic volcanic with carbonate veinlets, epidote, blebs of chalcopyrite and quartz veins
1919	grab	dark green fine grained mafic volcanic with disseminated pyrite

Sample No.	Sample Type	Description
1920	grab	rusty weathered granitic intrusion with pink and green feldspar crystals and secondary quartz veinlets within host mafic volcanic
1921	grab	rusty weathered diorite plug with feldspar phenocrysts, minor chlorite and quartz veinlets
1922	grab	ultramafic volcanic strongly chloritized minor epidote with serpentine along fractures
1923	grab	green felsic volcanic lense with hornblend crystals and carbonate veinlets
SCUD 14 cont..		
1805	grab	dark coarse grained intrusive (gabbro) with calcite filled fractures
1810	float	fine grained medium to dark volcanic with finely disseminated pyrite, talus
1811	grab	very fine grained mafic volcanic with finely disseminated pyrite
1812	float	below shear zone, sheared mafic volcanic
1813	grab	siliceous fine grained volcanic with finely disseminated pyrite
1814	grab	shear zone within micaceous schist with minor disseminated pyrite
1815	float	medium to fine grained medium grey volcanic with disseminated pyrite
1816	float	flesh coloured weathered siliceous calcareous fracture zone

APPENDIX C  
ANALYTICAL RESULTS







SECTION DATA TABLE

SECTION 1

Sta	Dist	Contour	Elevation
1	0+00	1000	8500
2	0+10	1000	8500
3	0+20	1000	8500
4	0+30	1000	8500
5	0+40	1000	8500
6	0+50	1000	8500
7	0+60	1000	8500
8	0+70	1000	8500
9	0+80	1000	8500
10	0+90	1000	8500

SECTION 2

Sta	Dist	Contour	Elevation
1	0+00	1000	8500
2	0+10	1000	8500
3	0+20	1000	8500
4	0+30	1000	8500
5	0+40	1000	8500
6	0+50	1000	8500
7	0+60	1000	8500
8	0+70	1000	8500
9	0+80	1000	8500
10	0+90	1000	8500

SECTION 3

Sta	Dist	Contour	Elevation
1	0+00	1000	8500
2	0+10	1000	8500
3	0+20	1000	8500
4	0+30	1000	8500
5	0+40	1000	8500
6	0+50	1000	8500
7	0+60	1000	8500
8	0+70	1000	8500
9	0+80	1000	8500
10	0+90	1000	8500

SECTION 4

Sta	Dist	Contour	Elevation
1	0+00	1000	8500
2	0+10	1000	8500
3	0+20	1000	8500
4	0+30	1000	8500
5	0+40	1000	8500
6	0+50	1000	8500
7	0+60	1000	8500
8	0+70	1000	8500
9	0+80	1000	8500
10	0+90	1000	8500

SECTION 5

Sta	Dist	Contour	Elevation
1	0+00	1000	8500
2	0+10	1000	8500
3	0+20	1000	8500
4	0+30	1000	8500
5	0+40	1000	8500
6	0+50	1000	8500
7	0+60	1000	8500
8	0+70	1000	8500
9	0+80	1000	8500
10	0+90	1000	8500

SECTION 6

Sta	Dist	Contour	Elevation
1	0+00	1000	8500
2	0+10	1000	8500
3	0+20	1000	8500
4	0+30	1000	8500
5	0+40	1000	8500
6	0+50	1000	8500
7	0+60	1000	8500
8	0+70	1000	8500
9	0+80	1000	8500
10	0+90	1000	8500

SECTION 7

Sta	Dist	Contour	Elevation
1	0+00	1000	8500
2	0+10	1000	8500
3	0+20	1000	8500
4	0+30	1000	8500
5	0+40	1000	8500
6	0+50	1000	8500
7	0+60	1000	8500
8	0+70	1000	8500
9	0+80	1000	8500
10	0+90	1000	8500

SECTION 8

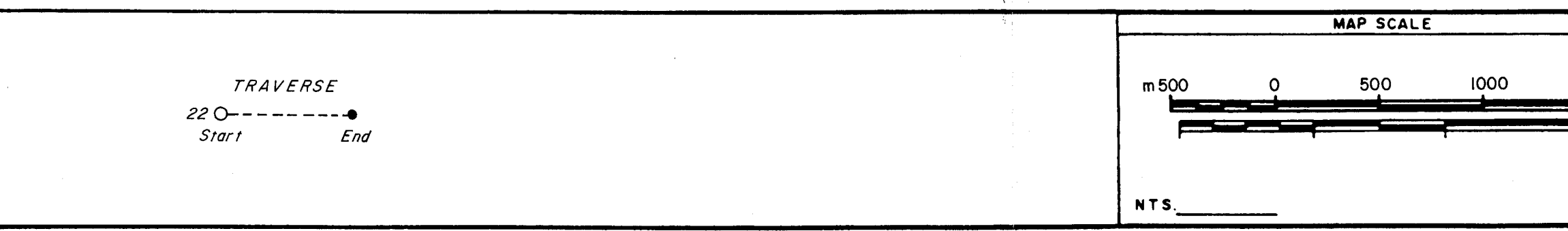
Sta	Dist	Contour	Elevation
1	0+00	1000	8500
2	0+10	1000	8500
3	0+20	1000	8500
4	0+30	1000	8500
5	0+40	1000	8500
6	0+50	1000	8500
7	0+60	1000	8500
8	0+70	1000	8500
9	0+80	1000	8500
10	0+90	1000	8500

SECTION 9

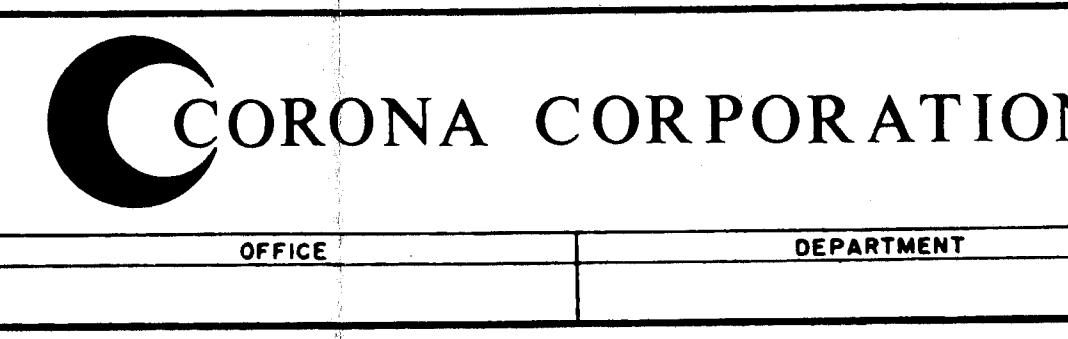
Sta	Dist	Contour	Elevation
1	0+00	1000	8500
2	0+10	1000	8500
3	0+20	1000	8500
4	0+30	1000	8500
5	0+40	1000	8500
6	0+50	1000	8500
7	0+60	1000	8500
8	0+70	1000	8500
9	0+80	1000	8500
10	0+90	1000	8500

X Flot Sample  
 Δ Rock Sample  
 □ Representative Sample  
 ○ Silt Sample  
 ..... = 5% Outcrop  
 ----- = 80% Outcrop

TRaverse  
 Start End



NO.	DRAWN BY	MADE BY	DESCRIPTION
1			
2			
3			
4			



SCUD PROPERTY			
DATE	DRAWN BY	CHECKED	APPROVED
NOV / 1988			
OFFICE	DEPARTMENT	MAP INDEX NUMBER	SCALE
			1:25,000
			DRAWING NUMBER

GEOLOGICAL BRANCH  
 MENTENHOUS  
 19, 192