

**SUB-RECORDER
RECEIVED**
OCT 17 1989
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VANCOUVER, B.C.

LOG NO	1024	RD

CLIFF 5, 6, 7, 8, 9

CLAIMS

(4840, 4841, 4842, 4843, 4844)

LIARD MINING DIVISION

PROSPECTING REPORT

OCTOBER, 1989

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,205

Latitude : 57° 01'
Longitude: 131° 21'

Paul W. Jones
CORONA CORPORATION

TABLE OF CONTENTS

	Page No.
CONCLUSIONS	1
RECOMMENDATIONS	1
INTRODUCTION	1
GEOLOGY	
REGIONAL	5
PROPERTY	6
PROSPECTING TRAVERSES	9
GEOCHEMISTRY	14
STATEMENT OF COSTS	15
STATEMENT OF QUALIFICATIONS	
BIBLIOGRAPHY	
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	✓
Sample Location Map 2	- 1:10,000	✓

CONCLUSIONS

The claims cover the favourable Triassic Stuhini Group volcanics and sediments and have a Triassic biotite quartz monzonite intrusion on the southeastern border. Intrusions on the claims immediately to the east are associated with mineral occurrences. No significant finds were discovered on the Cliff claims.

RECOMMENDATIONS

As a final attempt to determine the economic potential of the claims a geochemical stream sediment program should be undertaken. This would include heavy mineral, silt and moss matt samples. The optimal time of year to complete this work would be in the fall.

INTRODUCTION

The Cliff B claim group includes the five 20-unit Cliff 5 (4840), Cliff 6 (4841), Cliff 7 (4842) and Cliff 8 (4843) and Cliff 9 (4844) claims. They were staked from July 6, 1988 to July 9, 1988 by a contractor for **Lacana Ex. (1981) Inc.**, a subsidiary of **Corona Corporation**. They are located on Sphaler Creek, 8 km from its confluence with the Porcupine River. The claims lie just to the east of the contact of the Coast Plutonic Complex and the Intermontane Belt. Access is via helicopter from the Scud airstrip located at the confluence of the Scud and Stikine Rivers. At the Galore Creek Stikine copper deposit 10 km. to the north is another airstrip, but this has a limited capacity. An old airstrip that is in disrepair is located on the Porcupine River.

A NW/SE fault that cuts the SE corner of Cliff 9 has associated Triassic and Tertiary plugs adjacent to the structure. To the east these plugs are associated with 2 minfile occurrences. The one on the north side of Sphaler Creek is a diatreme and the mineralization on the south side is associated with hornfelsed andesites. These showings have highly anomalous precious metal and copper mineralization.

A major prospecting program was undertaken during August of 1988. This program was based on the Scud airstrip. During 8 mandays 56 samples were collected. A regional government stream sediment geochemical survey released June of 1988 sampled some of the creeks. From July 7 to July 17, 1989 two additional mandays were spent, yielding 10 samples. The cost of this exploration amounted to \$14,250.00 CDN.

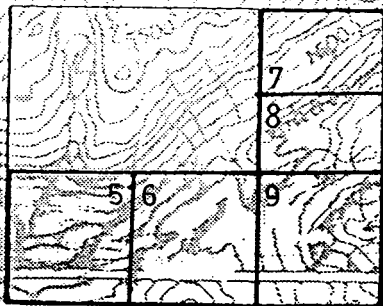
PROPERTY LOCATION



TELEGRAPH CREEK

93 km

SPHAL



CLIFF

5,6,7,8,9

SCUD AIRSTRIP

48 km



Scale

Scale 1:150 000



**CLIFF 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 **Cliff B** claim group includes middle and upper Triassic volcanics and sediments. The sediments are the predominant rock type and cover the slope south of Sphaler creek. The volcanics underly the sediments and are found on the ridge along the south and east borders of the claim group. The south claim boundary of **Cliff 9** has a Tertiary intrusive body.

The sediments are quite variable, ranging from banded siltstones to conglomerates and are contiguous with a transitional continental slope environment. These sediments are block-faulted and folded, but no consistent structural orientation was determined. Along the fault that Sphaler Creek follows the sediments are propylitically altered and weakly hornfelsed.

The volcanics on the ridge south of Sphaler Creek are mafic to intermediate volcanic tuffs and flows. These volcanics are dark and fine-grained, with weak to intense chlorite and epidote alteration. The strongest alteration is in areas where the volcanics have shear zones. These shear zones host the greatest amount of mineralization, which includes disseminations and blebs of pyrite and chalcopyrite. In one shear semi-massive lenses of pyrite were prospected.

The Tertiary biotite quartz monzonite on the border of **Cliff 9** is very homogeneous and unaltered. It is the heat source that has

altered the adjacent volcanics, but no economic mineralization was found to be associated with it.

PROSPECTING TRAVERSES

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

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

(10) August 18, 1988

- CLIFF 5** - 2 rock samples, #1516, 1520
- 3 silt samples, #1517 - 1519

The traverse was down the south slope of Sphaler Creek. The entire day was spent in Mesozoic sediments. The sediment package is quite varied including sandstones, siltstones, argillites, shales and limestones. A band of green porphyritic sediment found within the sedimentary sequence looked as if it may have been weakly altered. Banded sediments above this were found to have quartz veins. The only mineralization found was trace amounts of disseminated pyrite within selected sedimentary units. The traverse ended at I.P. **CLIFF 6 3N 5W, CLIFF 5 3N 5E.**

Rob Klassen - Geologist - Employee of Corona Corporation, two years full time mineral experience.

(1) August 15, 1988

- CLIFF 6** - 17 rock samples, #1945 - 1961

This traverse was on the ridge south of Sphaler Creek. The geology prospected during the day was all Mesozoic sediments. These sediments include siliceous siltstones, sandstones, phyllites, graphitic siltstones, rusty shales, greywacke, and limestones. Aplite dykes were also noted. Mineralized rusty black shales with pyrite, chalcopyrite, galena and sphalerite and quartz veins were

found. The sediments are block faulted, and folded, leaving a very discordant sequence.

(3) August 16, 1988

CLIFF 6 - 17 rock samples, #1962 - 1968

The traverse, similar to the one of the previous day, was within the Mesozoic sediments. These sediments were not as varied as those lower down. These sediments include conglomerates, siliceous siltstones and a major greywacke unit. Of mineralogical interest is the disseminated pyrite within some bands and the silicification and quartz veinlets within the stratigraphy.

Karen Soby - Contract Prospector - a graduate of the B.C.D.M. prospecting course with three years of mineral exploration.

(2) August 15, 1988

CLIFF 8, 9 - 12 rock samples, #1825 - 1836

This traverse started on a knoll on the east border of the **CLIFF 9** claim and continued north to the lake on the east border of **CLIFF 8**. The geology along this route is mafic metavolcanics to dacite volcanics with abundant pyritic gossan zones. These volcanics are cut by NE-SW shear zones which have up to five to seven percent very fine-grained disseminated pyrite. Along with the pyrite, chalcopyrite, magnetite and molybdenite mineralization was also prospected. Old claim posts from 1970 KIM 11, 819775, and KIM 12, 819776; and a claim staked for **Kennco Exploration Western Ltd.** in 1963 were found.

(4) August 16, 1988

CLIFF 8, 9 - 5 rock samples, #1837 - 1841
- 5 silt samples, #1842 - 1846

This traverse paralleled the one of August 15, but was 1500 ft. below it. The geology in this area was of mixed metavolcanics and metasediments. At times it was very difficult to make a distinction between the two. The composition of the rocks is very fine-grained black; either shales, slates or mafic metavolcanics. Mineralization found was very fine-grained pyrite. The CLIFF 9 4N 2E I.P. was located.

(12) August 18, 1988

CLIFF 3, 5 - 3 rock samples, #1862 - 1864
- 3 silt samples, #1865 - 1867

This traverse was along the break in slope on the north side and beside Sphaler Creek. Due to the thick overburden cover and dense bush very little outcrop was observed. What was prospected was epidote/chlorite altered metavolcanics. The CLIFF 3 4W 4S I.P. was located.

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

(7) AUGUST 18, 1988

CLIFF 2, 7 - 4 rock samples, #20554 - 20557

This traverse was along the north slope of Sphaler Creek at the 5000 ft - 5500 ft elevation below the glaciers. The geology of the area is a thick massive andesite tuff. The volcanic is weakly epidote altered and has quartz veins and veinlets. A rusty blue

quartzite horizon was prospected that has pyrite and malachite.

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

(8) August 18, 1988

CLIFF 8, 9 - no samples taken

This traverse was on the south slope of Sphaler Creek on a bench below the tree line. Limited outcrop was exposed. The rocks observed are sediments which include shales, mudstones and low grade hornsfel that are steeply dipping.

Bruce Holden - Contract Prospector - Resident of Hazelton B.C., with over ten years of mineral exploration experience.

(9) August 18, 1988

CLIFF 8, 9 - 2 rock samples, #1668, 1669
- 1 silt sample, #1667

This traverse was on the south slope of Sphaler Creek, on a bench below the tree line. Limited outcrop was exposed. The rocks observed are sediments including shales and sandstones.

Bob Johnston - Contract Geologist - Employee of Corona Corporation with 10 years mineral exploration experience.

(14) July 13, 1989

CLIFF 8, 9 - 8 rock samples #30318 - 30325

This traverse was planned to prospect NE-SW structures that have gold and copper on claims to the east. The day started on a

knoll in the NE corner of **CLIFF 9**. The geology at the start was a biotite-rich quartz monzonite. Heading down the north slope, the contact with the black rusty basalt was at 5500 ft. The rest of the traverse was in this dark rusty lapilli to agglomeratic tuff. Mineralization within this unit is disseminations of very fine grained silver pyrite and lesser amounts of disseminated chalcopyrite. The basalt unit is chlorite and epidote altered. The traverse ended at the **Trek 6** corner post 2S 8E.

Bruce Liard - Contract Geologist - Employee of Corona Corporation with nine years experience in the mineral exploration industry.

(15) July 13, 1989

CLIFF 9 - 2 rock samples, #30263, 30264

This traverse started on a knoll in the NE corner of **CLIFF 9** and continued down the south west slope of the mountain. The premise was to investigate NE-SW structures that cut the claim from the east where gold and copper mineralization has been found. The geology of this traverse includes a quartz monzonite intrusion forming the peak of the mountain and a rusty black argillite interbedded with a massive grey to black medium grained dolostone. This sedimentary package strikes NW-SE and dips off to the SW. No significant mineralization was found.

GEOCHEMISTRY

The 66 samples collected during this phase of work were submitted to Acme Analytical Labs and Min-En Labs of Vancouver for ICP and geochemical analysis. The Acme samples were analyzed for silver, gold, copper, lead, and zinc. Min-En samples were run through a 31 element ICP analysis and geochemical analysis for Au. Analytical techniques are described in Appendix A, Sample descriptions in Appendix B and results are given in Appendix C.

STATEMENT OF COSTS

CLIFF 5, 6, 7, 8, 9 - PROSPECTING

Geology 8 man days @ \$250/man day	\$ 2,000.00
Samples (including shipping) 56 @ \$25/sample	1,400.00
Food @ \$30/man day	240.00
Supplies and Equipment	175.00
Contract Base Camp	1,920.00
Mob - De Mob (Aircraft Charter)	2,018.00
Helicopter Support 5.7 hours @ \$625/hr	3,562.00
Report Preparation	<u>750.00</u>
TOTAL	<u>\$12,065.00</u>

Dates: August 7 - 17, 1988

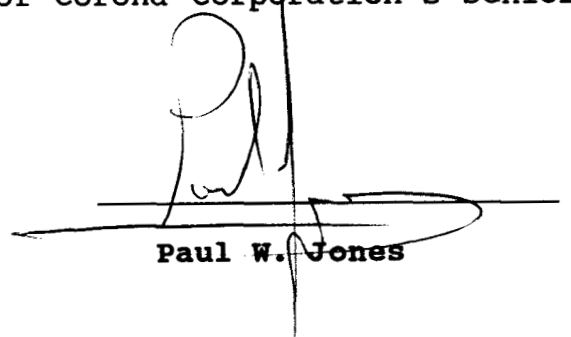
Prospecting 2 man days @ \$250/man day	\$ 500.00
Samples (including shipping) 10 @ \$25/sample	250.00
Food @ \$30/man day	60.00
Helicopter Support 2.2 hrs @ \$625/hr	<u>1,375.00</u>
TOTAL	<u>\$14,250.00</u>

Date: July 13, 1989

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 11th DAY OF Dec 1989
AT VICTORIA, BRITISH COLUMBIA.

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APPENDIX A - GEOCHEMICAL METHODS



ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone : 253 - 3158

ICP - .5 gram sample is digested with 3 ml 3-1-2
HCl-HNO₃-H₂O at 95 deg.C for one hour and is
diluted to 10 ml with water. This leach is
Partial for Mn, Fe, Sr, Ca, P, La, Cr, Mg, Ba,
Ti, B, W and limited for Na, K, Al.

Au* - 10 gram samples are ignited at 600 deg.C,
digested with aqua regia at 95 deg.C for
one hour, 50 ml aliquot is extracted into
10 ml MIBK, analysed by graphite furnace AA.

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 HClO₄ 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

Sample No.	Sample Type	Description
CLIFF B - CLAIM GROUP		
<u>CLIFF 5</u>		
1867	silt	second creek draining to flats
1967	grab	dark grey brown sediment, greywacke? with quartz crystals and disseminated pyrite
1968	grab	dark grey brown sediment, greywacke? with quartz crystals and disseminated pyrite
1517	silt	
1518	silt	
1519	silt	
1520	float	siliceous chert like sediment with quartz veinlets with pyrite and arsenopyrite?
<u>CLIFF 6</u>		
1962	grab	brown orange weathered green siliceous medium grained-sediment with quartz veinlets
1963	grab	rusty orange weathered fine grained dark grey conglomerate
1964	grab	green blue to grey very fine grained quartzite with disseminated pyrite and secondary quartz veins
1965	grab	black fine grained greywacke with quartz veinlets with pyrite and arsenopyrite
1966	grab	orange brown weathered dark grey black sediment, conglomerate with quartz stockwork
1945	grab	rusty weathered recrystallized sediment or felsic volcanic? dark grey fine grained with disseminated chalcopyrite
1946	grab	white grey with rusty swirls weathered dark green to light grey sediment or volcanic? highly siliceous fine grained with calcite veinlets
1947	grab	rusty bronzed weathered sheared up graphitic siltstone with calcite veins
1948	grab	dark orange weathered silicified dark green medium grained sediment

Sample No.	Sample Type	Description
<u>CLIFF 6</u> cont..		
1949	grab	tan weathered grey brown medium grained micaceous silicified sediment
1950	grab	Fe-stained shear phyllic siltstone with carbonate veinlets
1951	grab	tan weathered dark grey brown coarse grained siliceous arkose sediment
1952	grab	rusted massive shale unit possible banding with calcite veinlets
1953	grab	very siliceous rhyolite dyke with large euhedral pyrite cubes
1954	grab	quartz flooded and stockwork arkose unit
1955	grab	siliceous blue grey mixed shale and greywacke conglomerate
1956	grab	tan weathered quartz veined arkose
1957	grab	pure dark grey medium grained limestone
1958	grab	rusty weathered shear zone within shale
1959	grab	dark grey medium grained pure limestone
1960	float	rusty weathered shale with white quartz vein with pyrite, chalcopyrite and galena
1961	grab	mixed limestone and shale with quartz stockwork, small veinlets
1516	grab	quartz ankerite sweats within sediment unit
<u>CLIFF 7</u>		
20557	grab	jointed sediment, blue quartzite rusty weathered with disseminated pyrite and chalcopyrite
<u>CLIFF 8</u>		
1830	grab	rust red brown yellow medium volcanic with vugs and disseminated pyrite
1831	grab	rust red brown medium volcanic with molybdenite, trace
1832	grab	rusty weathered medium volcanic with fine pyrrhotite with calcite filled fractures

<u>Sample No.</u>	<u>Sample Type</u>	<u>Description</u>
<u>CLIFF 8 - Cont'd.</u>		
1833	grab	fracture shear zone within ultra mafic volcanic with trace chalcopyrite
1834	grab	sheared siliceous volcanic with pyrrhotite magnetite, dacite
1835	grab	gossanous shear zone within medium volcanic
1836	grab	gossanous medium volcanic with trace sulphides, fine grained
1845	silt	in willow tree area
1846	silt	150m north of 1845 near cliffs
1667	silt	small creek
1668	grab	sediment with quartz vein 1m wide
1669	grab	unaltered sediment unit with shales and sandstone

CLIFF 9

1837	grab	gossanous sediment, shale
1838	grab	sandy rounded weathered medium volcanic with very fine grained disseminated pyrite
1839	grab	slatey foliated dark aphanitic sediment unit
1840	grab	vertical bedded sediment unit

Sample No.	Sample Type	Description
<u>CLIFF 9</u> cont..		
1841	grab	contact zone of sediment unit shales with medium volcanic, no sulphides
1842	silt	near Cliff 9 4N 2E post below rock contact
1843	silt	20m north 1842
1844	silt	
1825	grab	shear zone in mafic volcanic with finely disseminated pyrite and chalcopyrite
1826	grab	shear zone in mafic volcanic with finely disseminated pyrite and chalcopyrite
1827	grab	gossanous mafic volcanic with finely disseminated pyrite
1828	grab	brown rippled and pitted weathered gossan mafic volcanic with trace disseminated pyrite
1829	grab	medium volcanic, gossanous with disseminated pyrite with magnetite

ROCK DESCRIPTIONS CLIFF CLAIMS

<u>Sample No.</u>	<u>Type</u>	<u>Description</u>
30318	2 m grab	rusty Fe-Mn stained fine grained black pyritic agglomerate.
30319	grab	green lapilli tuff with quartz breccia zones, up to 20cm wide basalt.
30320	grab	pyritic chlorite-epidote altered basalt lapilli tuff with trace to 2% pyrite and chalcopyrite
30321	grab	pyritic chlorite-epidote altered basalt lapilli tuff with disseminated pyrite, appears to be a dyke.
30322	grab	rusty agglomeratic basalt with 2 per cent fine-grained disseminated and pods of silver pyrite and pyrrhotite.
30323	grab	rusty basalt with massive blebs of pyrite.
30324	grab	contact zone, rusty basalt with trace to 1 percent disseminated pyrite.
30325	grab	contact zone, green andesite volcanic with 1 - 2 per cent disseminated pyrite, brecciated flow.
30326	grab	black hornfels basalt in contact with biotite rich quartz monzonite with 2 per cent fine-grained disseminated pyrrhotite and red garnets.
30364	grab	rusty black argillite with trace amounts of disseminated pyrite.

APPENDIX C - ANALYTICAL RESULTS

CLIFF 5

Table with columns: I, AG, AL, AS, B, BA, BC, BI, CA, CD, CO, CU, FE, K, LI, MG, NH, NO, NA, NI, P, PB, SB, SR, TH, U, V, ZK, GA, SH, W, CR, AU-PPB. Rows include data for years 1517, 1518, 1519, 1520, 1867, 1967, 1968.

CLIFF 6

Table with columns: I, AG, AL, AS, B, BA, BC, BI, CA, CD, CO, CU, FE, K, LI, MG, NH, NO, NA, NI, P, PB, SB, SR, TH, U, V, ZK, GA, SH, W, CR, AU-PPB. Rows include data for years 1516, 1945, 1946, 1947, 1948, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966.

CLIFF 7

Table with columns: I, AG, AL, AS, B, BA, BC, BI, CA, CD, CO, CU, FE, K, LI, MG, NH, NO, NA, NI, P, PB, SB, SR, TH, U, V, ZK, GA, SH, W, CR, AU-PPB. Row includes data for year 20557.

CLIFF 8

Table with columns: I, AG, AL, AS, B, BA, BC, BI, CA, CD, CO, CU, FE, K, LI, MG, NH, NO, NA, NI, P, PB, SB, SR, TH, U, V, ZK, GA, SH, W, CR, AU-PPB. Rows include data for years 1667, 1668, 1669, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1845, 1846.

CLIFF 9

Table with columns: I, AG, AL, AS, B, BA, BC, BI, CA, CD, CO, CU, FE, K, LI, MG, NH, NO, NA, NI, P, PB, SB, SR, TH, U, V, ZK, GA, SH, W, CR, AU-PPB. Rows include data for years 1825, 1826, 1827, 1828, 1829, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844.

ACME ANALYTICAL LABORATORIES LTD.
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PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JUL 18 1989

DATE REPORT MAILED: *July 26/89*

GEOCHEMICAL ANALYSIS CERTIFICATE

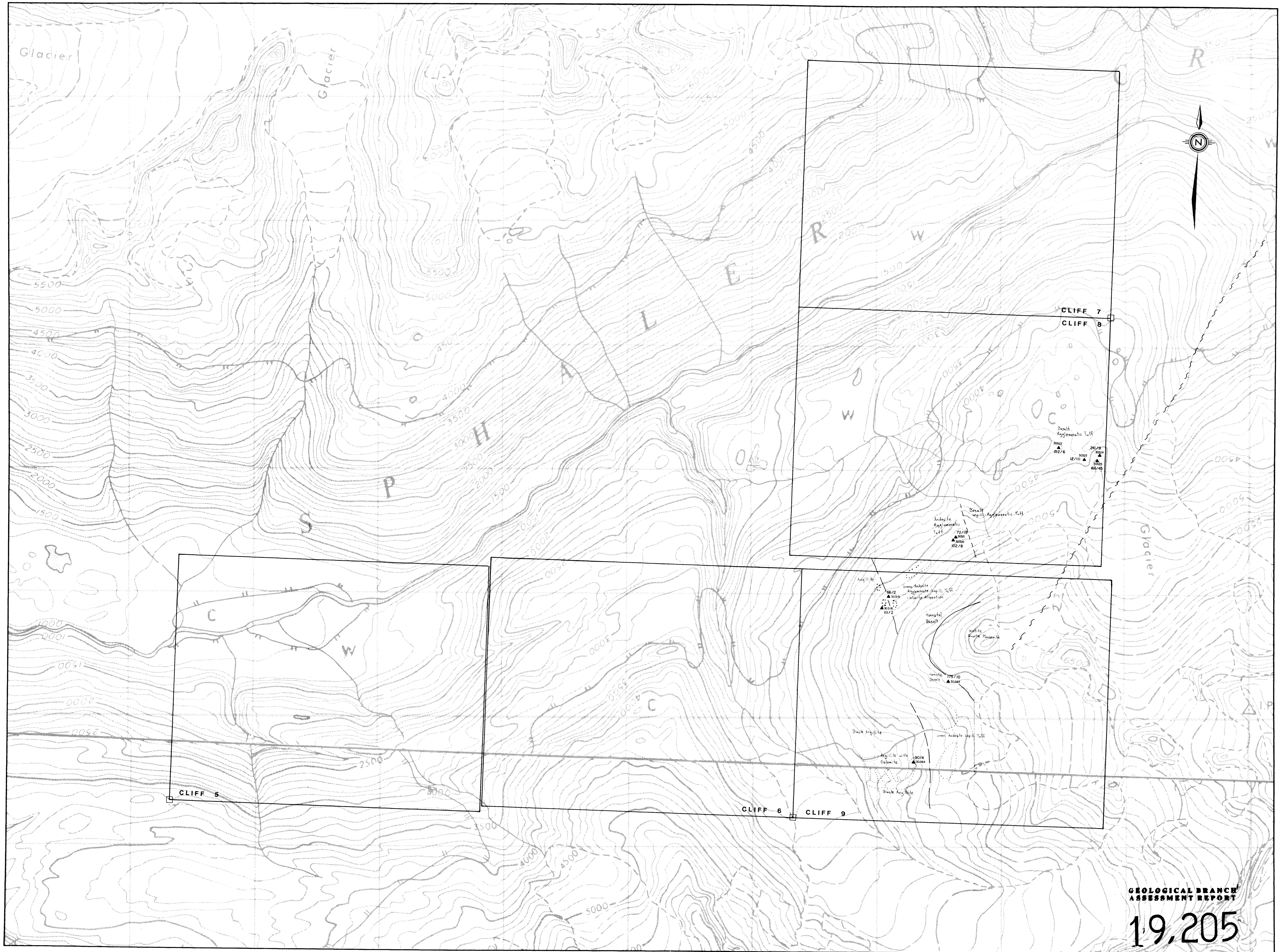
ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

SIGNED BY *C. Long* D. TOYE, C. LEONG, J. WANG: CERTIFIED B.C. ASSAYERS

CORONA CORPORATION PROJECT 1040 FILE # 89-2261 Page 1

SAMPLE#	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au* PPB
{ D 30263	175	17	359	3.4	10
{ D 30264	90	2	58	.1	4
<hr/>					
{ D 30318	111	12	89	.2	2
{ D 30319	66	3	33	.1	2
{ D 30320	102	35	145	5.6	8
{ D 30321	72	13	117	1.2	19
{ D 30322	152	4	74	.1	6
{ - D 30323	12	23	18	3.2	111
{ D 30324	241	5	32	.2	9
{ D 30325	166	2	91	.2	45
<hr/>					
STD C/AU-R	56	38	131	7.1	520

/
- ASSAY REQUIRED FOR CORRECT RESULT -



GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,205

<p>LEGEND</p> <p>--- GEOLOGIC CONTACT (Observed, Inferred)</p> <p>--- FAULT</p> <p>○ OUTCROP</p> <p>▲ ROCK SAMPLE LOCATION Cu-pgm / Au-ppb</p> <p>⊕ LEGAL CORNER POST</p>	<p>MAP SCALE</p> <p>m 200 0 200 400 600m</p> <p>NTS</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>No</th> <th>Date</th> <th>MADE BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td></tr> </tbody> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DATE</th> <th>DRAWN BY</th> <th>CHECKED</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td>OCT. 7/1989</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	No	Date	MADE BY	DESCRIPTION	1				2				3				4				5				DATE	DRAWN BY	CHECKED	APPROVED	OCT. 7/1989				<p>CORONA CORPORATION</p> <p>OFFICE _____ DEPARTMENT _____</p>	<p>CLIFF CLAIM SAMPLE LOCATION MAP</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>MAP INDEX NUMBER</th> <th>SCALE</th> <th>DRAWING NUMBER</th> </tr> </thead> <tbody> <tr> <td></td> <td>1:10,000</td> <td>2</td> </tr> </tbody> </table>	MAP INDEX NUMBER	SCALE	DRAWING NUMBER		1:10,000	2
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