Part 2 of 3

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,971

ASSESSMENT REPORT
FEBRUARY 1989 DRILLING

TENN CLAIMS
LOUISE LAKE

Omineca Mining Division

OWNERS: L.B. Warren
P.O. Box 662
Smithers, B.C.
V0J 2N0

and

Eric A. Shaede
R.R. #1
Sicamous, B.C.
V0E 2V0

OPERATOR: CORONA CORPORATION
1440-800 W. Pender Street
Vancouver, B.C.
V6C 2V6

N.T.S. 93L/13E
54° 51'N/127° 41'E

R.W. KLASSEN
PROJECT GEOLOGIST
APRIL 1989

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SUMMARY

The TENN, TENN (2) and TENN (3) mineral claims, located 33 km west of Smithers, B.C. at Louise Lake, were optioned by Corona Corporation (Lacana Mining Corporation) in 1987. The property has been worked intermittently since 1969 as a porphyry Cu-Mo prospect by various companies, including Mastadon-Highland Bell, Canadian Superior, Granby, Bethlehem and Noranda.

The 1988 work program consisted of reconnaissance and detailed geological mapping along with stream silt sampling followed up by a 33 km VLF-EM grid survey, a 4.2 km soil grid survey and 485 m of backhoe trenching.

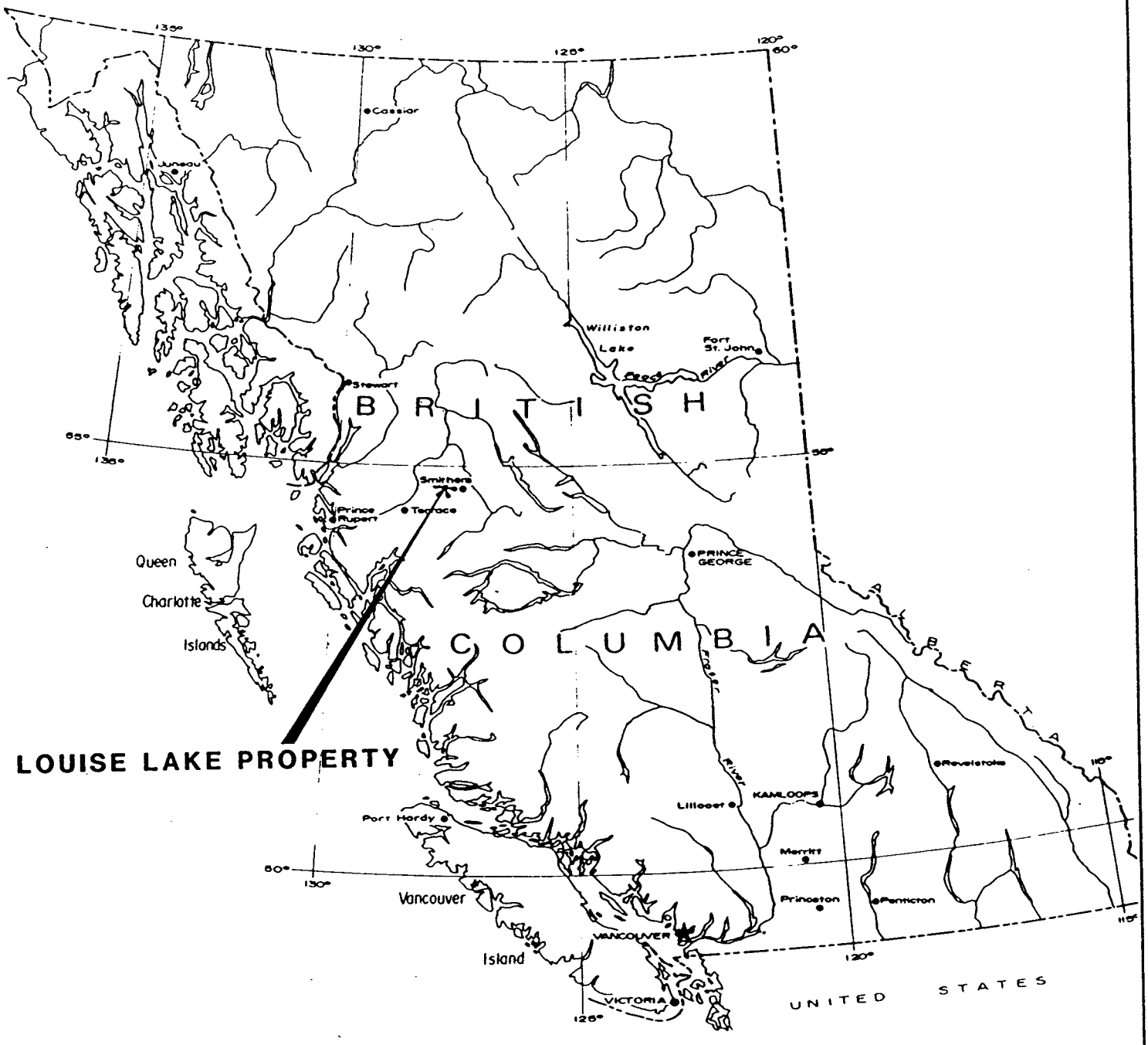
Results from this work revealed anomalous Au-Cu-Mo-As values are associated with a highly altered (Kaolinized-sericitized-silicified-pyritized) feldspar porphyry. The main showing on the property is a small hill (200 m x 500 m) located 500 m west of Louise Lake.

In late February 1989, 5 NQ size diamond drill holes totalling 916m were drilled on the main showing to test a Cu-Au enriched shear zone(St. 099^0,Dip 45^{0}N) defined by the 1970 Canadian Superior drill program. 1989 results indicate that the shear zone actually strikes at 070^0 and dips at 45^0 N and does not control the mineralization. However, intersections of low grade Cu-Au mineralization over a significant width were still encountered in all the 1989 drill holes and the extent of the Cu-Au mineralization was further defined with an average grade of all five holes being 0.20 % Cu and 0.007 oz/t Au.

SIGNIFICANT INTERSECTIONS

HOLE	FROM	TO	INTERVAL	Cu(%)	Au(oz/t)*
DDH-89-18	3.7	121.0	117.3	0.25	0.008
includes	94.6	121.0	26.4	0.41	0.012
DDH-89-19	3.7	182.0	178.3	0.24	0.008
includes	121.1	170.8	49.7	0.34	0.011
DDH-89-20	4.3	121.0	116.7	0.17	0.006
includes	33.2	55.9	22.7	0.26	0.010
DDH-89-21	12.5	185.0	172.2	0.14	0.005
includes	95.4	109.5	14.1	0.32	0.012
DDH-89-22	9.1	306.9	297.8	0.20	0.007
includes	86.0	110.6	24.6	0.29	0.011
	117.7	183.0	65.3	0.29	0.011

* determined by conversion factor of 1(ppb)/34280(oz/t)



NTS. 93L/13E

CORONA CORPORATION

LOUISE LAKE PROJECT

PROPERTY LOCATION

DATE: JANUARY 1989	SCALE: NO SCALE	DRAWING No. 1

LOCATION AND ACCESS

The Louise Lake property is centred on Louise Lake, 33 km west of Smithers in the Hazelton Mountains of northwest B.C. (fig. 1). Logging roads from Smithers presently reach to Hankin Lake, where an 8 km cat road exists to the property. At present, access is via helicopter or float plane from Smithers.

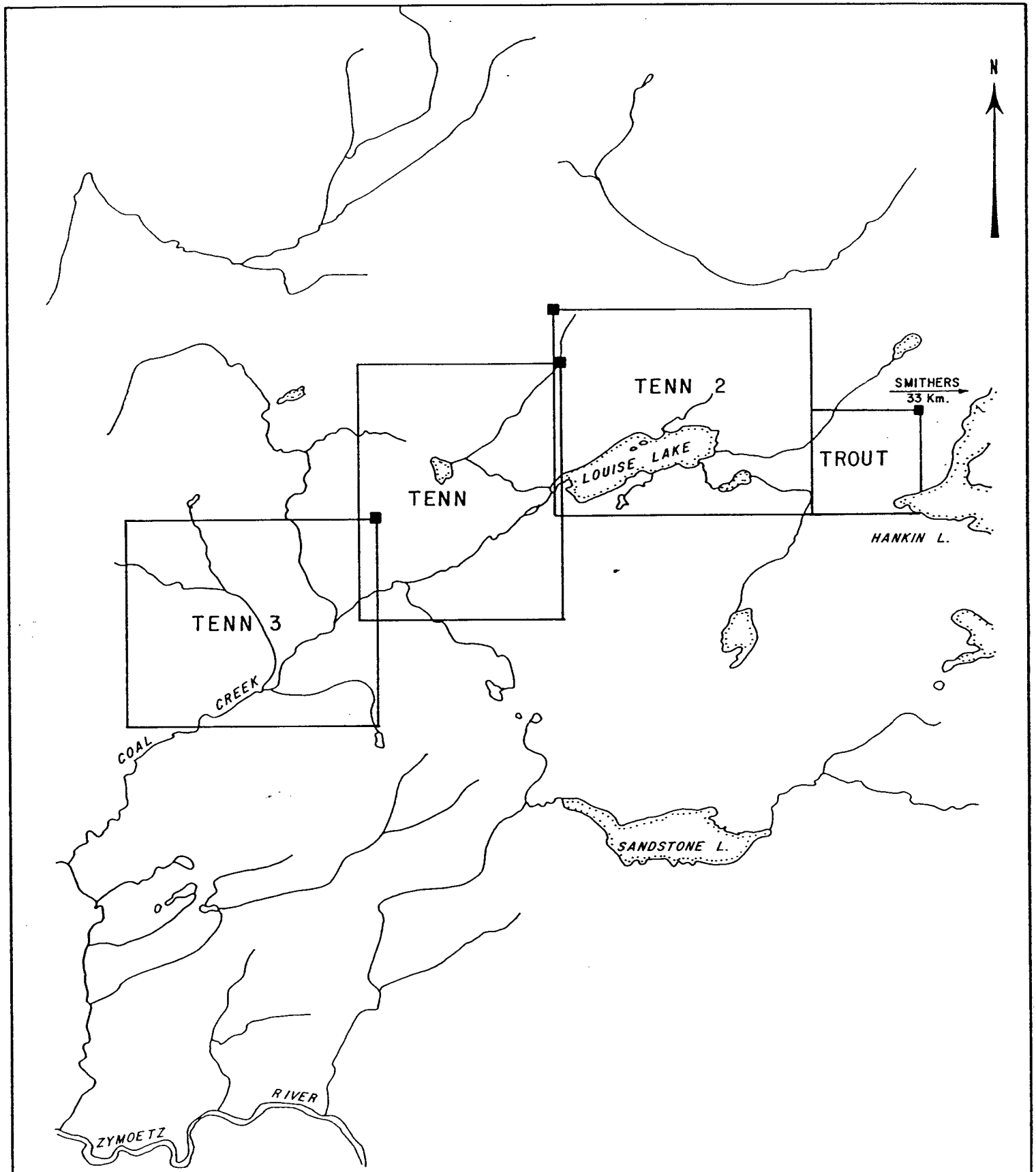
PHYSIOGRAPHY

The property straddles Coal Creek, a rolling valley which is part of the Zymoetz River drainage, and is covered by extensive pine, spruce and balsam forest and swamp. Elevations on the property range from 960 - 1300 m in moderate terrain.

CLAIM STATUS

The Louise Lake property is comprised of 4 claims, totalling 64 units, staked in 1986 and 1987 by Eric A. Shaede of Sicamous, B.C. and Lorne B. Warren of Smithers, B.C. and in 1988 by Corona Corporation (fig. 2). The claims are presently held by Corona Corporation through a 1987 option agreement. The claim data is listed below:

Claim	Record No.	Units	Expiry Date
TENN	8033	20	October 23, 1989
TENN (2)	8547	20	July 20, 1989
TENN (3)	8548	20	July 20, 1989
TROUT	9889	4	October 12, 1989



NTS. 93L/13E

CORONA CORPORATION

LOUISE LAKE PROJECT

CLAIM MAP

DATE: JAN 1989	SCALE: 1:50,000	DRAWING No. 2

REGIONAL GEOLOGY

The area is described in G.S.C. Open File 351 (1976) and shows the area to be underlain by Middle Jurassic to Upper Cretaceous clastic sediments and lesser volcanics intruded by Lake Cretaceous and Eocene intermediate felsic intrusives. Abundant, predominantly 060^0 and 335^0 normal(?) faults cut the area as well as south dipping, 060^0 trending thrust faults south of the Zymoetz River.

A major 060^0 lineament cuts through Louise Lake. South of this, bedrock is mapped as Ashman Formation shale, sandstone and conglomerate, and Netalzul Volcanics basalts, andesite tuffs and flows; both of the Jurassic Bowser Lake Group. North of Louise Lake is conglomerate, greywacke and shale of the Cretaceous Skeena Group.

HISTORY

The Louise Lake showing was first staked in 1969 by Mastadon-Highland Bell Mines Ltd. who carried out magnetometer, I.P.and soil programmes, and 720 (218 m) feet of bulldozer trenching in seven trenches over an area of sericite-pyrite altered intrusive.

In 1969 Canadian Superior Exploration subsequently optioned the property and carried out additional soil sampling and I.P.. Seventeen diamond drill holes totalling 6,632 feet (2,021 m) were drilled in early 1970. Disseminated, low grade copper and molybdenum mineralization was encountered but the option was dropped and the claims lapsed.

Granby Mining Corporation restaked the area in 1975 and carried out further magnetometer and soil surveys, which delineated

a large >200 ppm Cu in soil anomaly, coincident with earlier I.P. anomalies. No futher work was done and in 1977 the claims were reduced to 4 units.

In 1979 Bethlehem Copper Corp. staked 80 units around Granby's ground and did additional regional I.P., Cu, Mo soil surveys and re-sampled small portions of the Canadian Superior drill core. These claims were later allowed to expire.

Granby's claim was transferred to Noranda Exploration in 1979, who in 1980 carried out an airborne magnetic, V.L.F. survey totalling 100 line km over the Louise Lake area. Three weak V.L.F. anomalies were discovered, two near the north boundaries of Tenn and Tenn(2), the other near the south claim boundary of Tenn (2). In 1983 Noranda did further work including rock sampling, petrographic work and soil orientation work before letting the claims lapse. Warren and Shaede staked the TENN claims in 1986.

In 1987 Lacana Mining Corporation re-sampled and re-logged the Canadian Superior drill core and completed preliminary soil and silt sampling programmes.

1988 WORK

A two phase exploration program was carried out in 1988. In July, a two man crew did reconnaissance mapping, detailed mapping and stream silt sampling on the property.This was followed up in October 1988 with a 33 km VLF-EM grid survey, a 4.2 km soil grid survey and rehabilitation of Mastadon-Highland Bell's 485 m of trenching.

Property Geology

The July 1988 mapping indicates the Louise Lake property is predominantly underlain by interbedded sediments and volcanics. A major 060^0 fault system runs through Coal Creek and along the north shore of Louise Lake. The conglomerates, greywackes, shales and clastic volcanics of the Cretaceous Skeena Group are present on the north side of the fault, while the volcanics, shales, greywackes, breccias and conglomerates of the Jurassic Bowser Lake Group are present on the south side of the fault.

The Main showing on the property is an intrusive unit of highly pyrite-quartz-sericite-kaolinite altered feldspar porphyry originally of quartz monzonite composition. This showing is exposed in 7 trenches dug in 1969 by Mastadon-Highland Bell on a small 200 m x 500 m hill located 500 m west of the lake. Canadian Superiors 1970 drilling concentrated on and around this showing.

DRILLING

From February 13,1989 to February 22,1989, five NQ size holes were drilled with a Longyear 38 for a total length of 916.9m of which 33m was drilled through overburden. The drilling was done by J.T. Thomas Diamond Drilling of Smithers,B.C. at an all encompassing rate of $110.90 per metre including mobilization, demobilization and camp costs.

All 884m of core were split,sampled and logged at the camp at the west end of Louise Lake. 341 samples averaging 2.6m intervals were collected and shipped to Acme Analytical Laboratories of Vancouver,B.C. for analysis by 30 element ICP plus Au by Atomic Absorption. Samples from significant intersections were later shipped to Bonder-Clegg and Company of North Vancouver,B.C. for analysis of Au by 1 ton fire assay for individual samples and by 5 ton fire assay for composite samples. The core is stored at the camp on Louise Lake. Casing was pulled from all five holes.

1989 DRILLING PATTERN

The 1988 work further defined the main showing as a potential host for economic Cu-Au mineralization. The original 17 diamond drill holes done by Canadian Superior (1970) were too widely spaced (241 m) to adquately test the showing. 1989 drill targets were chosen and situated so as to test structures presumed formed during emplacement of the intrusive when there was a possibility of a concentrating effect of the Cu- Au deposited by hydrothermal fluids.

The 1989 drill holes were situated so as to test:

An elongate, 060^0 orientated soil anomaly over the main showing defined by the 1988 Corona soil grid.(* note, significant soil disturbance by previous activity may have influenced the shape of the anomaly).

A definite strong IP anomaly over the main showing defined by the 1970 Canadian Superior IP survey.

A weak VLF-EM anomaly defined by the 1988 Corona VLF-EM survey and oriented at 060^0 located north of the trenches (coincides with a linear swamp present just north of the main showing).

A trend of Cu-Au enrichment present in and below a major shear zone(ST. 099^0,DIP 45^0 N) intersected in Canadian Superior's DDH 1,2,3 and DDH 4,5.

GEOLOGY

The 1970 Canadian Superior drill program revealed a complex sequence of altered bedded volcanics and sediments intruded by intensely altered feldspar porphyries of quartz monzonite composition.The feldspar porphyry was encountered in the central area of the drill pattern in DDH 1,2,3,4,5 (fig. 3), while the sediments and volcanics were encountered in the perpherial holes.

The 1989 Corona drill program concentrated on the area intruded by the feldspar porphyry defined by Canadian Superior. Hence, rocks encountered in the drill program were predominantly altered feldspar porphyry with minor coarse and fine grained tuff units present. Coarse grained tuffs might be more common than the logs indicate as they are virtually indistinguisable from the feldspar porphyry when highly altered.

VOLCANICS

The volcanic rocks encountered were fine grained, light beige to buff colored tuffs often exhibiting bedding planes defined by subtle textural and colour changes. This unit was encountered in DDH-89-21 and DDH-89-22 and is also present as large angular clasts in shalely portions of the shear zones.

INTRUSIVE

Corona's 1989 holes were drilled almost exclusively in feldspar porphyry intrusive. This unit makes up the central portion of the main showing and is associated with the mineralization.

Petrographic studies of the intrusive indicate that it's original composition was a quartz monzonite. Intense kaolinization-sericitization-silicification-pyritization has

resulted in distinct alteration zones within the intrusive. The general pattern of the zones radiates out from a central stockwork zone through a silicified/clay altered zone to a fine grained silicified zone. These zones probably represent the potassic/phyllic/argillic alteration typical of porphyry copper deposits.

ALTERATION AND FRACTURING

Quartz Stockwork Zone: a dense pattern of 1mm to 1cm quartz and quartz/pyrite veins dipping between 60^0 and 80^0 within a moderately clay altered, highly silicified quartz monzonite that displays varying degrees of orthoclase replacement. Disseminated pyrite varies from fine to medium grained subhedral cubes and blebs to 1 cm making up to 3% of the composition. A few pyrite veins are present dipping at 60^0 and 70^0 but are less frequent than in other zones. The total pyrite content ranges up to 8%.

Silicified/clay altered intrusive: moderately clay altered(sericite/kaolinite) and moderately silicified intrusive with quartz and quartz/pyrite veins to 1cm still present but not as abundant as in the stockwork zone. Porphyritic texture is sometimes diplayed as remnant feldspar phenocrysts elongate to 5mm. Disseminated pyrite occurs as fine to medium grained subhedral cubes and blebs making up to 3% of the total composition. Pyrite also occurs in veins up to 5 cm in diameter dipping at 0^0 and 60^0 and to a lesser extent in a stockwork of 2mm veinlets dipping at 70^0 and 80^0. Total pyrite composition is 10%.

Fine Grained Intrusive: fine to medium grained, grey to dark grey, clay altered and silicified intrusive with increased silica replacement and decreased quartz veining compared to other zones.

Disseminated pyrite occurs as fine to medium grained subhedral cubes and blebs making up to 3% of the total composition. Pyrite veins occcur in abundance as 2mm veinlets in a stockwork pattern dipping at 70^0 and 80^0 and as 5 cm veins in a large scale pattern dipping at 0^0 and 60^0. Voids are often present from pyrite veins only partially infilling fractures. Minor quartz/pyrite veins are also present. Total pyrite composition is 6%.

Intensely clay altered intrusive: fine grained, light grey, intrusive that has undergone intense clay alteration. Rock is usually soft and crumbly containing 1 cm pyrite veins usually only partially infilling fractures and dipping at 0^0 and 60^0. A few quartz veins to 1 cm in diameter are also present. Total pyrite is 5% of the composition.

MINERALIZATION

Chalcopyrite, although often difficult to see in hand sample, is present along the edges of pyrite veins and quartz/pyrite veins and is probably the major Cu constituent. The tennantite noted by Canadian Superior in their 1970 core was not positively identified.

Trace amounts of tetrahedrite were found in disseminated cubes and along some quartz/py fractures.

Trace molybdenite was also found along pyrite and quartz/pyrite veins.

A red to brown colored mineral(hematite staining?) is present at depth as blotches and thin veins in the stockwork zone and to a lesser extent in the silicified/clay altered zone.

STRUCTURE

Shear Zones: Shear zones upto 10 m wide compossed of black shales(cataclastic?), usually interbedded with brecciated zones or elongate clasts of intrusive and dipping at 30^0 N or 45^0 N, were intersected in all holes. Hole correlations indicate that the main shear strikes at roughly 070^0 through DDH-89-18,DDH-89-19,DDH-89-20 and DDH-89-22 and dips at 45^0 to the north. Smaller shears could not be correlated between holes.

The 1970 Canadian Superior drill data indicated Cu enriched zones in or immediately below the main shear zone. However, the 1989 drilling intersected enriched Cu-Au zones above and below the main shear. Mineralization, if anything, decreased in the shear zones.

Gouge Zones. Gouge zones up to 20 cm wide composed of grey/green mud and rounded pebbles to 5mm diameter were encountered in all holes. These zones appear to dip between 80^0 to the north and 90^0.

Brecciated Zones: Brecciated zones up to 4 m wide of highly fractured and shattered clasts of intrusive up to 15cm in diameter within a mud matrix appear to dip between 40^0 and 60^0 to the north.

Cu-Au Content

Low grade Cu-Au mineralization was encountered in all 5 1989 drill holes. Averaging of all 5 holes produced an overall grade of 0.20% Cu and 0.007 oz/t Au.

The general trend defined by the 1989 drilling indicates:

1. Overall Cu-Au values decrease progressively in the holes to the west of DDH-89-18.

2. Cu-Au values are initially intersected at increased depth to the north of DDH-89-18.

This information combined with existing data indicates that:

The mineralized zone is elongate along an 060^0 trend and dips at a shallow angle to the north with the collar for DDH-89-18 located on the middle of the axis.

The main shear zone appears to have a 070^0 strike rather the 099^0 stike indicated by the 1970 drilling and does not appear to control the Cu-Au content.

The highest Cu-Au values appear to coincide with zones of moderate silicification and clay alteration with abundant qtz/py veining and limited porphyritic texture.

CONCLUSIONS AND RECOMMENDATIONS

The 1989 drilling further defined the extent of the Cu-Au mineralization in the main showing. Low grade mineralization over a significant width was encountered in all the 1989 holes however it does not reach economic levels. The main shear zone defined by the 1970 Canadian Superior program was thoroughly tested in 1989 but failed to produce higher Cu-Au values than are present in the surrounding intrusive. The mineralization appears to have a 060^0 trend and is dipping at a shallow angle to the north with the collar of DDH-89-18 being on the axis. Cu-Au content appears to decrease in holes west of DDH-89-18 and is initially intersected at greater depth in holes north of DDH-89-18.

Untested IP anomalies remain in the area and appear to be similar in nature to those tested at the main showing with the strong responses being caused by pyrite. Furthur drilling could be undertaken to test the strong IP anomaly under Louise Lake and the IP/Mag anomalies east of the Lake. The post implacement, regional scale 060^0 fault along Coal Creek could also be drilled to test for the possibility of enrichment by remobilization of Cu-Au during faulting.

REFERENCES

Goudie, M.A.; Hallof, P.G., 1970, Assessment Report 2372 for Canadian Superior Explorations.

Heino, D.A. 1968, Assessment Report 1999 for Mastadon-Highland Bell.

Johnston, R.J. 1987, Assessment Report for Lacana Mining Corp.

Klassen R.W. 1989, Assessment Report for Corona Corporation.

Meyers, D.E. 1983, Assessment Report 11772 for Noranda Explorations.

Morris, A. 1979, Assessment Report 7961 for Bethlehem Copper.

Mullan, A.W. 1971, Assessment Report 2937 for Canadian Superior Explorations.

Overstall, R.J., Murray J.D., 1971 Assessment Report 2698 for Canadian Superior Explorations.

Walker, J.T.: Leahy, M.W. 1980, Assessment Report 8710 for Noranda Explorations.

Wilkinson, W.J.; James, D.H. 1976, Assessment Report for Granby Mining Corp.

STATEMENT OF COSTS

WAGES

Geologist:	16 days @ $110.00/day	$1,760.00
Core Splitter:	16 days @ $100.00/day	$1,600.00

DRIILLING

All enclusive rate of $110.90/m		
	916m @ $ 110.90	$101,584.40

ANALYSIS

Sample Shipment:	1656 kg @ $0.61/kg	$1,010.16
Geochem:	341samples @ $14.40/sample	$4,910.40

HELICOPTER

1.6 hrs @ $500/hr	$ 824.10

FIELD TRANSPORTATION	$ 210.80
FIELD EXPENSES	$ 269.08
	$112,168.94

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STATEMENT OF QUALIFICATIONS

I, ROBERT W. KLASSEN of the City of Vancouver, B.C. do hereby certify that:

1. I am a graduate of the University of the Saskatchewan with a B.Sc. in Geological Sciences, 1986.

2. I am presently employed as a geologist with Corona Corporation of 1440 - 800 W. Pender Street, Vancouver, B.C.

3. I have practiced my profession in British Columbia since 1987.

4. I personally oversaw the project on which this report is based.

Dated at Vancouver,B.C. this 24 day of July 1989.

APPENDIX I

1989 Drill Logs and Summaries

DIAMOND DRILL HOLE DATA SHEET

PROPERTY: Louise Lake
LOCATION: Smithers,B.C.
HOLE # DDH-89-18
AZIMUTH: 189^0
DIP: -60^0
LENGTH: 121m
GRID: 100+09 N 97+18 E

DATE: Feb. 12 to 13, 1989
NTS: 93L/13E
M.D. OMINECA
CONTRACTOR: J.T.Thomas
SIZE: NQ
LOGGED BY: R.W. Klassen

SUMMARY LOG

0.0	3.7	Casing
3.7	8.1	Sil., fine grained, dark grey intrusive with abundant py stockwork.
8.1	28.1	Sil/clay alt. porph. intrusive, moderate amount of py, qtz/py veining.
28.1	29.9	Stockwork
29.9	34.6	Intensely clay altered intrusive
34.6	39.1	Sil/clay alt. porph. intrusive,moderate amount of py, qtz/py veining.
39.1	45.7	Main shear of shalely material dipping at 60^0 to CA.
45.7	63.7	Sil/clay altered porph intrusive, moderate amount of py, qtz/py veining.
63.7	72.0	Sil/clay alt. intrusive with increased qtz/py veining, cpy along fractures.
72.0	75.8	Sil/clay alt. porph. intrusive.
75.8	79.6	Silicified zone absent of py.
79.6	85.6	Sil/Clay alt. porph. intrusive with mod qtz/py, py veining.
85.6	94.6	Sil/clay alt. porph. intrusive absent of veining.
94.6	121.0	Stockwork.

END OF HOLE

CORONA CORPORATION DIAMOND DRILL LOGS HOLE # DDH-89-18 Page 1 of 9

Property: Louise Lake Location: Main showing Down Hole Surveys: Drilled By: J.T. Thomas

Area (Map #) 93L/13E Grid: 1988 Grid Coordinates Depth: Az: Dip: From-To: Feb 12/89 to Feb 13/89

Claim #: Tena 100+04N 97+18E Elev. 1018 m Size(s): NQ

M.D./County: Omineca Length: 121.0 (Units: m) Logged By: R.W. Klassen

Province: B.C. Azimuth: 189° Dip Collar: -60° Signed: Rob't Klassen

REMARKS:

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
0	3.7		Casing								
3.7	8.1	Silicified, fine grained intrusive	Grey to dark grey, fine to medium grained, highly silicified, moderately clay altered, original composition probably qtz monzonite. Py infilling of 2mm vugs. 2% fine to medium grained diss. py. Py, qtz veinlets 1mm dia at 10°, 40° to CA - Total sulfides 4% - increase in qtz veins from 5.8-8.1		97701	3.7	5.8	2.1	2504	960	189
					97702	5.8	7.1	1.3	814	413	124
					97703	7.1	8.1	1.0	1388	615	200

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # CDH-89-16 Page 2 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
8.1	28.1	Silicified/clay altered intrusive (porph. texture)	light to dark grey, fine to medium grained, moderately silicified and clay altered. Porphyritic texture still evident with 2 mm elongate feldspar phenos altering to Kaolinite. 2% fine to medium grained diss. py. Moderately dense pattern of 2mm py filled fractures at 10° and 70° to CA. Grey mineral (Tennantite?) present along qtz/py fractures (rare). Total sulfides 5% - 5cm faulted shaley section at 30° to CA at 12.3 m. - mud pebble filled gouge zone at 30° to CA from 15.8 to 15.9 m		97704	8.1	11.1		2295	1443	260
					97705	11.1	13.1		2648	1159	280
					97706	13.1	16.1		2614	1148	210
					97707	16.1	19.1		1815	818	230
					97708	19.1	22.1		1950	856	210
					97709	22.1	25.1		2291	1037	260
					97710	25.1	28.1		2239	1022	270

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-18 Page 3 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
28.1	29.9	Stockwork Zone	- host rock compositionally the same as above unit. Stockwork of 2mm qtz, qtz/py veins in criss crossing pattern with trends at 10° and 20° to CA. Fine grained dis py 1%, py veins to 5mm at 10° to CA. Total sulfides 4%. Small mud pebble gouge at 60° to CA from 28.4 to 28.6 m		97711	28.1	29.9	1.8	1087	512	117
29.9	34.6	Clay Altered Intrusive	- grey to blue, fine grained, soft, highly clay altered qtz monzonite. Vuggy porosity from Kaolinized feldspars. Dis py in blebs (1%), py veins to 3mm at 10° to CA. Secondary qtz veins to 2mm at 40° to CA. Total sulf. (4%)		97712	29.9	34.6	4.7	1309	698	610

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-19 Page 4 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
34.6	39.1	Silicified/Clay altered intrusive (porph texture)	- grey to dark grey, moderately silicified and clay altered, fine to medium grained felds. porph. Porph texture still evident with 3mm Kaolinized Tabular feld phenos - dis py 1%, few 1mm py veins at 10° to CA, few 1mm qtz veins at 30° to CA. Increasing in abundance below 35.6 m.		97713	34.6	35.6	0.8	1977	828	220
					97714	35.4	37.3	1.9	1898	837	300
					97715	37.3	39.1	1.8	1922	845	270
39.1	45.7	Main Shear	- structure appears to trend at 65° to CA - strongly brecciated zone with qtz/py infilling of fractures. Some mud+pebble infilling of fractures. Highly clay altered. - dis py in blebs to 5mm and in veinlets to 2mm at 40° to CA - total sulfides 8%		97716	39.1	40.1		3601	1349	360
					97717	40.1	41.8		2001	807	175
					97718	41.8	42.5		1331	593	116
					97719	42.5	44.8		1306	428	56
					97720	44.8	45.7		1897	771	157

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-18 Page 5 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			- section of dark grey to black banded shales. Foliation at 60° to CA. Elongate clasts of clay altered porph to 5cm oriented along bedding planes. Lighter colored bands have 1% fine grained d.s py. Minor gouge zones with mud + pebble in fol'n py present - qtz veins to 5mm dia at 90° to CA Brecciated from: 39.1 - 41.5 Shaley " 41.8 - 42.5 - anomalous U Brecciated " 42.5 - 44.3 Shaley " 44.9 - 45.7 - dark red mineral (Cinnabar?, realgar? hematite staining?)							

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-99-18 Page 6 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
45.7	63.7	Silicified/clay altered intrusive (porph texture)	Dark grey to black, highly silicified, moderately clay altered, porph texture hardly distinguishable, dis py in subhedral cubes (2%), py veins at 10° and 40° to CA, few 2mm qtz and qtz/py veins at 10° to CA - shaley shear from 54.6 to 54.7 at 40° to CA - dark red mineral (cuprite? hematite?) present along fractures throughout section - 5cm vuggy qtz vein with py inf. vug at 61.3m and 62.6m ± 20° to CA - 10cm mud + pebble fault gouge zone at 62.7m at 60° to CA		97721	45.7	48.7		2574	1075	260
					97722	48.7	51.7		1993	884	159
					97723	51.7	54.7		2058	769	159
					97724	54.7	57.7		1277	432	105
					97725	57.7	60.7		1764	575	117
					97726	60.7	63.7		2571	911	250

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-E-91-12 Page 7 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
63.7	72.0	Silicified/clay altered intrusive	light grey to dark grey, highly silicified and clay altered intrusive.		97727	63.7	64.3		5251	1771	530
					97728	64.3	67.3		5218	1697	550
			-contact with above unit is 60° to CA		97729	67.3	70.3		3054	965	380
					97730	70.3	72.0		2553	1159	400
			-increased clay alt compared to above unit.								
			- dis py in blebs to 4mm (2%)								
			-irregular py veinlets to 2mm at 10° to CA								
			-qtz, qtz/py veins to 4mm at 10° and 60° to CA								
			-total sulfides 4%								
			-porph texture evident at top of unit; fades out as percentage of qtz veins increase with depth								
			- tennantite and red mineral (cinnabar?) present along fractures								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-87-18 Page 8 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
72.0	75.8	Moderately Sil/Clay altered intrusive (porph. texture)	- contact with above unit @ 35° to CA - light grey to light green, well preserved porph texture with 3mm Kspar phenos - fine grained dis py < 1% - few 3mm py qtz veins at 16° to CA		97731	72.0	75.8	3.8	1484	496	169
75.8	79.6	Silicified Zone	- highly silicified zone barren of sulfides, dark grey to blue color, fine grained		97732	75.8	76.6	0.8	889	350	115
					97733	76.6	79.6	3.0	484	213	59
79.6	85.6	Sil/Clay altered intrusive (porph texture)	light grey to brown, fine to medium grained, well preserved porph texture, noticeably less intensely altered - fine grained py and py blebs (4%) - 1cm py veins at 16° to CA		97734	79.6	82.6	3.0	2963	1291	153
					97735	82.6	85.6	3.0	1184	421	109
85.6	94.6	Sil/Clay altered intrusive	- light grey to brown, fine to medium grained, well preserved		97736	85.6	88.6	3.0	507	221	50
					97737	88.6	91.6	3.0	746	291	68

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # [redacted] Page 9 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
		(porph texture)	purple texture less intensely altered, absence of py veining, few sections of qtz veins to 2mm at 10° and 50° to CA		97738	91.6	94.6	3.0	972	367	25
			- total sulfides 2%								
94.6	121.0	Sil/Clay Altered intrusive (stockwork)	- contact with above unit is small gouge at 40° to CA		27739	94.6	97.6	3.0	4713	1506	480
			- dense network of qtz and qtz/py veins at 10° and 50° to CA.		27740	97.6	100.6	3.0	3891	1130	370
			- grey mineral (tenn) and red min. (cinnabar? hematite?) present along		27741	100.6	103.6	3.0	5441	1693	610
			the py and qtz veins		27742	103.6	106.6	3.0	3856	1250	400
			- py blebs to 3mm (3%)		27743	106.6	109.6	3.0	3251	1023	260
			- total sulfides (6%)		27744	109.6	112.6	3.0	3587	1182	410
			- small gouge zone at 40° to CA at 100.9m and 103.9m		27745	112.6	115.6	3.0	3909	1221	430
					27746	115.6	118.6	3.0	5150	1619	450
					27747	118.6	121.0	2.4	2971	928	240

DIAMOND DRILL HOLE DATA SHEET

PROPERTY: Louise Lake
LOCATION: Smithers,B.C.
HOLE # DDH-89-19
AZIMUTH: 189°
DIP: -60°
LENGTH: 182.0 m
GRID: 100+82 N 96+79.5 E

DATE: Feb. 13 to 15, 1989
NTS: 93L/13E
M.D. OMINECA
CONTRACTOR: J.T.Thomas
SIZE: NQ
LOGGED BY: R.W. Klassen

SUMMARY LOG

0.0	3.7	Casing
3.7	21.7	Silicified, fine grained, dark grey intrusive with a few qyz/py and py veins.
21.7	25.4	Sil/clay alt. porph. intrusive.
25.4	28.4	Sil. fine grained, dark grey intrusive.
28.4	40.4	Sil/clay alt. intrusive.
40.4	46.6	Sil., fine grained, dark grey, intrusive with a mod. amount of py veins.
46.6	55.6	Sil/clay alt intrusive with abundant qtz/py, py veins.
55.6	67.7	Intensely clay altered, brecciated, sheared intrusive with increased veining.
67.7	73.7	Sil/clay alt. intrusive.
73.7	81.4	Intensely clay altered intrusive.
81.4	101.3	Sil/clay altered intrusive.
101.3	103.8	Shear zone of interbedded breccia and shale.
103.8	115.1	Sil/clay alt porph. intrusive with a few qtz/py veins.
115.1	121.1	Main shear zone
121.1	165.7	Stockwork, increasing veining with depth.
165.7	167.8	Shear zone.
167.8	176.8	Sil/clay alt. porph. intrusive.
176.8	179.6	Sil/clay alt. brecciated intrusive with increased py, qtz/py veining.
179.6	182.0	Stockwork.

CORONA CORPORATION

DIAMOND DRILL LOGS

HOLE # DDH-99-19 Page 1 of 8

Property: Louise Lake Location: Discovery Down Hole Surveys: Drilled By: J.T. Thomas

Area (Map #) 93L/13E Grid: 1988 Grid Coordinates Depth: Az: Dip: From-To: Feb 13/99 To Feb 15/99

Claim #: Tenn 100+82N 96+79.5E Elev. 1003 m Size(s): NQ

M.D./County: Omineca Length: 182.0 (Units: m) Logged By: R.W. Klassen

Province: B.C. Azimuth: 189 Dip Collar: -60 Signed:

REMARKS:

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
0	- 3.7		Casing								
3.7	- 21.7	Siliceous,	- dark grey to blue, fine grained,		97748	3.7	- 6.7	3.0	2436	819	210
		fine grained	highly silicified, original composition		97749	6.7	- 9.7	3.0	2011	723	155
		intrusive	probably felsic monzonite,		97750	9.7	- 12.7	3.0	938	429	148
			- fine grained diss py < 1%		97751	12.7	- 15.7	3.0	1043	489	136
			- few 3mm py veinlets		97752	15.7	- 18.7	3.0	1121	525	97
			0 and 40° to CA		97753	18.7	- 21.7	3.0	517	288	162
			- few 1mm qtz veins at 90° to CA								
			- thin shaley section at 50° to CA from 12.1 to 12.2m.								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-99-19 Page 2 of 8

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			- thin brecciated section interbedded								
			with black shales and py bands								
			at 60° to CA From 19.8 to 20.0m								
21.7	25.4	Sil/Clay alt	- light grey to green, fine to		97754	21.7	25.4	3.7	1079	502	160
		intrusive	medium grained with good porph								
		(porph texture)	texture. 3mm elongate feld phenos								
			altering to Kaolinite.								
			- diss py in amoeboid masses to								
			1cm. (3%), py veinlets to								
			3mm @ 25° to CA.								
25.4	28.4	Sil, fine grained	- grey to blue, fine grained,		97755	25.4	28.4	3.0	1893	800	193
		intrusive	highly siliceous intrusive.								
			- fine to medium grained diss py (1%)								
			- few 2mm py veinlets at 30° to CA.								
			- contact with above unit 40° to CA.								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-87-19 Page 3 of 7

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
28.4	- 40.4	Silicified/	- dark grey to blue; medium grained,		97756	28.4	- 31.4	3.0	1412	676	156
		Clay altered	highly silicified, moderately clay		97757	31.4	- 34.4	3.0	2087	881	168
		intrusive	altered. Some porph text still		97758	34.4	- 37.4	3.0	1874	767	193
			evident with 3mm elongate feld		97759	37.4	- 40.4	3.0	1219	574	139
			phenos altering to Kaolin								
			- dis fine grained py 2%, py								
			veins at 1cm at 50° to CA.								
			- broken core and gauge zone								
			from 34.4-36.3 (60% core recovery)								
40.8	- 46.6	Sil. fine grained	- contact with above at 55° to CA		97760	40.4	44.8	4.4	3102	1351	300
		intrusive	- fine grained, highly silicious		97761	44.8	46.6	1.8	2224	1039	310
			zone with increased py.								
			- dis py (3%), py veins to 1mm								
			at 0° to CA (2%)								
46.6	- 55.6	Sil/clay altered	- light grey, fine to medium grained,		97762	46.6	- 49.6	3.0	2479	1150	330
		intrusive	porph texture still evident with		97763	49.6	- 52.6	3.0	3483	1582	460

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-19 Page 4 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			slight Kaolinization of 2mm phenocrysts		97764	52.6	55.6	3.0	4753	2279	580
			-localized areas of increased clay alt.								
			- fine to medium grained dis py (3%)								
			- 1mm py veinlets at 13° to CA								
			- 3mm qtz/py veins at [illegible] to CA								
			- [illegible] py 8%								
55.6	67.7	Clay Alt Zone Shear?	- dark grey, fine grained, intensely		97765	55.6	58.6	3.0	5509	2549	605
			clay altered. Contact with above		97766	58.6	61.6	3.0	3557	1581	505
			unit 80° to CA		97767	61.6	64.6	3.0	3502	1596	385
			- cbl alt. from 61.6 to 64.6		97768	64.6	67.7	3.1	2400	1086	295
			- sections of mud and clay bedded (10cm)								
			[illegible] with 30cm brecciated zones								
			from 64.9 - 66.1m at 80° to CA								
			- dis py 1%, py veins to 2mm								
			at 10° and 80° to CA								
67.7	73.7	Silic/clay altered intrusive	- light grey, fine to medium grained,		97769	67.7	70.7	3.0	1547	669	9.3
			slight porph texture with 2mm		97770	70.7	73.7	3.0	1259	568	108

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-19 Page 5 of 8

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			Kaolinized phenos.								
			- fine dis py 2%, py veinlets at								
			10° to CA, Total sulfides 4%.								
73.7	81.4	Clay alt	- light grey, fine grained, highly		97771	73.7	76.7	3.0	948	407	37
		Zone	clay altered, soft crumbly rock.		97772	76.7	79.7	3.0	1464	476	180
			- dis py in amoebiol blebs to		97773	79.7	81.4	1.7	2026	392	182
			5mm (2%), py veins to 1mm								
			at 10° and 80° to CA.								
			- Total sulfides (4%)								
			- gouge zone with broken core								
			from 80.2 - 81.4 (core recovery 80%)								
81.4	101.3	Silic/clay alt	- light grey, slightly lower level of		97774	81.4	84.4	3.0	1402	232	198
		intrusive	clay alt and increased silicification		97775	84.4	87.4	3.0	2021	374	250
			increased py content.		97776	87.4	90.4	3.0	1953	241	205
			- dis py in 3mm blebs (3%), py vein		97777	90.4	93.4	3.0	2087	270	250
			to 5cm at 45° to CA. Total sulfides (6%)		97778	93.4	96.4	3.0	1975	233	245
			- gouge zone at 88.5m at 10° to CA		97779	96.4	101.3	4.9	1919	330	220

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-19 Page 6 of 8

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
101.3	103.8	Shear Zone	- extremely brecciated with 5cm clasts in a mud/pebble matrix interbedded with 10cm black shaley bands at 10° to CA - dis fine grained py %, absence of py veins.		97780	101.3	103.8	2.5	1552	566	175
103.8	115.1	Silic/clay altered intrusive	- light grey to dark grey fine to medium grained, some porph texture still evident - qtz/py veins to 3mm at 10° and 40° to CA (3%), dis py in lesser blebs (2%). - qtz veins increasing with depth from 111.8 down.		97781	103.8	106.8	3.0	2271	991	235
					97782	106.8	109.8	3.0	2602	1112	225
					97783	109.8	112.8	3.0	1481	563	148
					97784	112.8	115.1	2.3	1376	483	52
115.1	121.1	Main Shear Zone	- dark grey highly clay altered zone interlayed with 1m sections of grey/black shale at 60° to CA		97785	115.1	118.1	3.0	1402	127	79
					97786	118.1	121.1	3.0	1759	192	132

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # OOH-89-19 Page 7 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			- shales contain clasts of intrusive								
			elongate to 5cm with the foliation								
121.1	165.7	Sil/clay alt	- grey to dark grey; fine to		97787	121.1	124.1	3.0	2003	576	491
		intrusive	medium grained. Highly silicified		97788	124.1	127.1	3.0	3030	668	715
		(stockwork)	and moderately clay altered from		97789	127.1	130.1	3.0	2901	782	795
			areas with light gneiss texture		97790	130.1	133.1	3.0	3549	674	360
			remaining		97791	133.1	136.1	3.0	2051	845	420
			- increasing stockwork with depth		97792	136.1	139.1	3.0	4059	973	350
			- dis py 3%, trace py veins at		97793	141.7	143.0	3.9	3307	822	320
			10° 40° to CA		97794	143.0	146.0	3.0	3839	790	465
			- chalcopy-py, chalcopy veins to 1cm		97795	146.0	148.0	3.0	3650	1092	495
			at 10° 60° to CA		97796	149.0	151.5	2.5	4239	1144	580
			- calcareous gouge as veins and		97797	151.5	154.5	3.0	3712	1052	705
			blebs		97798	154.5	157.5	3.0	3558	962	480
			- gouge at 55° to CA from 127.1 to		97799	157.5	160.5	3.0	3795	1113	630
			127.3 m		97800	160.5	163.5	3.0	3629	1027	480
			- stockwork increases below gouge		97801	163.5	165.6	2.1	1797	494	765

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CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-97-17 Page 8 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
165.6	167.8	Shear Zone	- Shale bed. at 40° to CA		97802	165.7	167.8	2.1	359	[illegible]	[illegible]
			- py veins follow foliation								
			- few clasts of intrusive, elongate along foliation								
			-								
167.8	176.8	Sil/Clay alt intrusive	- increased porphyritic texture with 5mm feldspar phenocrysts. Abundant qtz veins at 10°, 60° to CA. Increase in qtz/py veins		97803	167.8	170.8	3.0	2037	55	121
					97804	170.8	173.8	3.0	268	87	20
					97805	173.8	176.6	2.8	397	153	44
			- red mineral present								
176.8	179.6	Brecciated Zone	- Broken core, sudden increase in py content, structure at 30° to CA		97806	176.6	179.6	3.0	765	80	410
			- py veins at 30° to CA, qtz/py veins at 10° to CA								
179.6	182.0	Sil/Clay alt Intrusive Stockwk	- increasing stockwork with abundant qtz, qtz/py veins at 10°, 60° to CA		97807	179.6	182.0	2.4	3007	557	345

DIAMOND DRILL HOLE DATA SHEET

PROPERTY: Louise Lake
LOCATION: Smithers,B.C.
HOLE # DDH-89-20
AZIMUTH: 189°
DIP: -60°
LENGTH: 121.0 m
GRID: 100+52 N 96+29.5 E

DATE: Feb. 16 to 17, 1989
NTS: 93L/13E
M.D. OMINECA
CONTRACTOR: J.T.Thomas
SIZE: NQ
LOGGED BY: R.W. Klassen

SUMMARY LOG

0.0	3.7	Casing
3.7	8.0	Sil/clay alt.,brecciated, porph. intrusive.
8.0	14.3	Sil., fine grained, dark grey intrusive with increased py, qtz/py veining.
14.3	20.4	Sil., fine grained, brecciated intrusive.
20.4	30.2	Sil., fine grained, dark grey intrusive.
30.2	37.3	Intensely clay altered intrusive with increased py, qtz/py veining.
37.3	55.9	Sil/clay alt. intrusive with qtz, qtz/py stockwork.
55.9	59.4	Sil./clay alt., brecciated intrusive with an increase in amount of clay alt.
59.4	74.1	Sil./clay alt. porph. intrusive with an increase in qtz/py veins.
74.1	91.1	Sil/clay alt. intrusive.
91.1	94.1	Sil/clay alt. brecciated intrusive.
94.1	97.6	Shalely and brecciated shear zone with some py, qtz veins along foliaton.
97.6	99.9	Sil/clay alt. intrusive with increased qtz/py veins, and abundant red-brown mineral(hematite staining?).
99.9	110.9	Main shear zone, intensely brecciated sections interbedded with shale sections, increased py veins along foliation.
110.9	121.0	Stockwork zone in porphyritic intrusive, less intensely altered, feld. phenos elongate to 5 mm.

END OF HOLE

CORONA CORPORATION

DIAMOND DRILL LOGS

HOLE # DDH-89-20 Page 1 of 6

Property: Louise Lake | Location: Main Showing | Down Hole Surveys: | Drilled By: J.T. Thomas

Area (Map #) 93L/13E | Grid: 100+52N | Depth: Az: Dip: | From-To: Feb. 16/89 to Feb 17/89

Claim #: Tenn | 96+29.5E Elev. 1010 m | Size(s): NQ

M.D./County: Omineca | Length: 121.0 (Units: m) | Logged By: R. W. Klassen

Province: B.C. | Azimuth: 189 Dip Collar: -60 | Signed: R. W. Klassen

REMARKS:

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
0	3.7		Casing								
3.7	8.0	Sil/clay alt. intrusive (Brecciated, porph Texture)	- light grey to green, medium grained - moderately silicified and clay alt. intrusive, good porph Texture with Feld phenos to 5mm. - brecciated zones filled with mud+pebbles - dis py in 1mm cubbedral cubes and blebs (4%), Few py veins to 1mm at 10° to CA		97808	3.7	8.0	4.3	899	330	93

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-20 Page 2 of 6

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
8.0	14.3	Si. fine gr. intrusive	- contact with above is small gauge at 25° to CA		97809	8.0	11.0	3.0	1000	345	133
					97810	11.0	14.3	3.3	1289	31.3	111
			- dark grey, fine gr., highly siliceous								
			- dis py as subhedral cubes (3%)								
			- increasing # of py veins at 10°, 50° to CA								
			- qtz/py veins to 2mm at 10°								
			- Total py 7%, trace moly								
14.3	20.4	Si. fine gr. intrusive (Brecciated)	- same as above only Brecciated with clasts to 10cm in a mud+pebble matrix, structure at 50° to CA		97811	14.3	17.3	3.0	115	120	36
					97812	17.3	20.4	3.1	507	194	33
20.4	30.2	Si. fine gr. intrusive	- same as above, only unbrecciated		97813	20.4	23.4	3.0	1006	303	130
			- absence of py veins, increase in qtz/py veins to 2mm at 40° to CA		97814	23.4	26.4	3.0	1159	429	215
					97815	26.4	30.2	3.8	862	251	24
30.2	37.3	Clay alt intrusive (Brecciated)	- dark grey, soft, fine grained, highly clay altered intrusive. Interbedded zones of Brecciated material and broken core (75% recovery)		97816	30.2	33.2	3.0	1479	756	245
					97817	33.2	35.3	2.1	2253	1045	285
					97818	35.3	37.3	2.0	2456	1069	305

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-20 Page 3 of 6

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			- dis py 3%, absence of py veins								
			qtz/py veins at 40° to CA								
			- total py 6%								
37.3	48.2	Sil/Clay alt	- light to dark grey; fine to		97819	37.3	40.3	3.0	2153	977	360
		intrusive	medium grained with slight porph		97820	40.3	43.3	3.0	2462	1158	325
		(some stockwork)	texture. Porous surface left by feld		97821	43.3	46.3	3.0	2293	1030	245
			phenos altering to Kaolinite		97822	46.3	48.2	1.9	2955	1349	385
			- dis py 3%, py veins and qtz/py								
			veins 1 to 1cm at 10°, 60° to CA								
			- Gouge zone at 50° to CA from								
			38.0 - 38.2 m								
48.2	48.9	Fault	- structure at 50° to CA		97823	48.2	48.9		3675	1679	490
			- brecciated with mud + pebble								
			infilling, extremely high clay alt.								
			- dis py 1%, py veinlets with								
			cpy along edges at 50° to CA								
			- total py 5%								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-87-20 Page 4 of 6

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
48.9	55.9	Sil/clay alt intrusive (some stockwork)	- same as above fault		97824	48.9	51.9	3.0	3212	1487	480
					97825	51.9	53.0	1.1	2245	1059	320
					97826	53.0	55.9	2.9	2641	1178	385
55.9	59.4	Sil/clay alt intrusive (Brecciated)	- structure at 50° to CA		97827	55.9	57.4	1.5	540	229	71
			- highly brecciated with 10cm		97828	57.4	59.4	2.0	947	393	15
			shale sections at 60° to CA at 56.8								
			and 59.0m								
			- few py veins at 10° to CA								
			- increased clay alt than above unit								
59.4	90.1	Sil/clay alt intrusive (porph texture)	- grey to dark grey, fine to medium		97829	59.4	62.4	3.0	1095	487	83
			grained, good porph texture with		97830	62.4	65.3	2.9	1787	837	212
			fold phenos to 3mm altering to		97831	65.3	68.3	3.0	1705	801	152
			Kaolinite.		97832	68.3	71.3	3.0	1804	815	146
			- dis py 2%, few lumpy veins		97833	71.3	74.1	2.8	1441	651	145
			at 20° to CA		97834	74.1	77.1	3.0	1735	790	164
			- few qtz/py veins to 1mm at 10° to CA		97835	77.1	80.1	3.0	2670	1225	187
			- gouge at 57° to CA from 64.7 to 64.8m		97836	80.1	83.1	3.0	2355	1038	210

[redacted]

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-20 Page 5 of 6

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			and 65.3 to 65.4m		97837	83.1	86.1	3.0	1525	714	134
			- slightly brecciated at 55° to CA		97838	86.1	89.1	3.0	582	306	840
			from 73.1 to 73.4m		97839	89.1	91.1	2.0	1114	502	73
			- gouge at 26° to CA from 74.1 to 74.5m								
91.1	91.8	Sil/Clay alt	- structure at 30° to CA		97840	91.1	91.8	0.7	1538	678	60
		intrusive	- Brecciated with small shale								
		(brecciated)	bands (2cm) mixed in								
			- increase in py veins								
91.8	94.1	Sil/Clay alt	- same as above brecciated zone		97841	91.8	94.1	2.3	1330	551	133
		intrusive									
94.1	97.6	Shear Zone	- interbedded 10cm shaley section		97842	94.1	95.6	1.5	2236	758	141
			and 50cm brecciated section		97843	95.6	97.6	2.0	1333	484	117
			- increase in py veins and qtz veins								
			in brecciated zones								
			- few qtz/py veins at 18° to CA								
			- shale sections at 74.4, 95.6, 96.4								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-20 Page 6 of 6

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLEO	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
97.6	99.9	Sil/clay alt intrusive (porph text)	- increase in py veins and qtz/py veins at 30° to CA - red mineral (hematite staining) along qtz veins		97844	97.6	99.9	2.3	1693	539	116
99.9	110.9	Main Shear Zone	- Intensely brecciated 50cm section interbedded 20 cm shale bands - Brecciated clasts to 5cm in mud/pebble matrix - structural trend at 65° to CA - increase in py veins at 30°, 60° to CA		97845	99.9	101.7	1.8	1719	533	110
					97846	101.7	102.4	0.7	2067	675	116
					97847	102.4	105.4	3.0	2162	691	106
					97848	105.4	108.7	3.3	2378	510	157
					97849	108.7	110.9	2.2	1622	339	146
110.9	121.0	Sil/clay alt intrusive (porph text) (stockwork)	- highly silicified and moderately clay altered intrusive. Porph texture still evident (clam phenos) - abundant qtz stockwork of 1 cm veins at 10°, 30° to CA - dis py <1%, fewer qtz/py veins		97850	110.9	113.9	3.0	1447	385	107
					97851	113.9	116.2	2.3	1616	423	121
					97852	116.2	118.6	2.4	2671	951	159
					97853	118.6	121.0	2.4	1991	526	150

DIAMOND DRILL HOLE DATA SHEET

PROPERTY: Louise Lake
LOCATION: Smithers,B.C.
HOLE # DDH-89-21
AZIMUTH: 189°
DIP: -60°
LENGTH: 185.0 m
GRID: 101+16 N 95+84 E

DATE: Feb. 17 to 18, 1989
NTS: 93L/13E
M.D. OMINECA
CONTRACTOR: J.T.Thomas
SIZE: NQ
LOGGED BY: R.W. Klassen

SUMMARY LOG

0.0	12.8	Casing
12.8	13.9	Intensely clay alt. intrusive.
13.9	26.0	Sil. fine grained, dark grey intrusive with abundant 1mm py veins in stockwork pattern.
26.0	48.2	Sil/clay alt. porph. intrusive with abundant py veins and few qtz/py veins.
48.2	50.1	Sil. fine grained intrusive, decrease in # of py veins.
50.1	62.7	Sil/clay alt. porph. intrusive.
62.7	78.6	Sil/clay alt. intrusive with increased clay alt. over above unit, increased qtz/py veining.
78.6	81.8	Sil/clay alt. porph. intrusive with abundant qtz, qtz/py veins.
81.8	92.3	Sil/clay alt. with abundant qtz, qtz/py veining.
92.3	95.4	Brecciated intrusive.
95.4	124.9	Stockwork of qtz, qtz/py veins in Sil/clay alt. intrusive
124.9	149.2	Sil/clay alt. intrusive with increased clay/sil ratio than above unit, qtz/py veins to 1 cm.
149.2	151.2	Shear zone of shaley material at 90° to CA, abundant py and red-brown mineral along foliation.
151.2	172.2	Sil/clay alt. porph. intrusive with a few py and qtz veins, abundant red-brown mineral.
172.2	185.0	Fine grained, beige tuff, orthoclase infilling and replacement along fractures, slight increase in qtz veining.

END OF HOLE

CORONA CORPORATION

DIAMOND DRILL LOGS

HOLE # DDH-89-21 Page 1 of 9

Property: Louise Lake | Location: Main Showing | Down Hole Surveys: | Drilled By: J T Thomas

Area (Map #) 93L/13E | Grid: 101+16N | Depth: | Az: | Dip: | From-To: Feb.17/89 to Feb.18/89

Claim #: Tenn | 95+84E | Elev. 1002m | Size(s): NQ

M.D./County: Omineca | Length: 185 (Units: m) | Logged By: R.W. Klassen

Province: B.C. | Azimuth: 189° | Dip Collar: -60° | Signed: Robt Klassen

REMARKS:

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
0	12.8		Casing								
12.8	13.9	Clay Altered intrusive	- Fine grained, clay altered intrusive, core very broken and crumbly, Fe weathering in fractures. - few py blebs to 2mm.		97854	12.8	13.9	1.1	511	218	73
13.9	26.0	Silicified, fine gr. intrusive	- contact with above is gouge zone from 13.9-14.0 at 30° to CA - grey to dark grey, fine grained highly silicified - dis. fine to medium gr. py (3%)		97855	13.9	16.9	3.0	159	109	26
					97856	16.9	19.9	3.0	79	75	39
					97857	19.9	22.9	3.0	135	98	28
					97858	22.9	26.0	3.1	458	178	46

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-21 Page 2 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			py vein stockwork to 2mm at 12°, 40° to CA.								
			- qtz and qtz/py veins to 2mm at 10°, 40° to CA (Closer scale than py veins)								
			- slightly brecciated zone from 19.9 to 20.5 with increased qtz veining								
26.0	48.2	Sil/Clay alt intrusive (porph texture)	- contact with above is gouge zone at 40° to CA from 26.0 to 26.3m		97859	26.0	29.0	3.0	95	97	17
			- grey to dark grey, fine to medium grained intrusive. Porphyritic texture		97860	29.0	32.0	3.0	120	137	51
			still evident with elongate feldspar		97861	32.0	35.0	3.0	108	116	36
			phenos to 3mm. Highly silicified, moderately	Clay alt,	97862	35.0	37.1	2.1	487	190	80
			- dis py in subhedral cubes and blebs		97863	37.1	39.3	2.2	351	163	81
			to 1cm (3%), py veins to 1cm		97864	39.3	42.7	3.4	225	122	32
			at 10°, 60° to CA (5%)		97865	42.7	45.7	3.0	326	169	39
			- qtz and qtz/py veins to 3mm		97866	45.7	48.2	2.5	186	133	43

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-21 Page 3 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			at 10°, 40° to CA.								
			- small shear of black shalely								
			material at 15° to CA from 48.2 to 50.1								
			- slightly brecciated from 44.8 to								
			45.0								
48.2	50.1	Sil. fine gr.	- contact is is gouge at 73° to CA		97867	48.2	50.1	1.9	564	342	64
		Intrusive	from 48.2 to 48.3 m								
			- dark grey fine grained intrusive								
			- decrease in py veining over								
			above unit								
			- dis py (2%), few py veins to 2mm								
			at 55° to CA (3%)								
50.1	62.7	Sil/Clay alt	- contact with above is brecciated zone		97868	50.1	50.7	0.6	969	389	154
		intrusive	at 50° to CA from 50.1 to 50.7m		97869	50.7	53.7	3.0	715	302	85
		(porph texture)	- light grey to grey, medium grained,		97870	53.7	56.7	3.0	445	246	76
			moderately silicified/clay altered. Porph		97871	56.7	59.7	3.0	1003	398	108
			texture with 4mm elongate phenos		97872	59.7	62.7	3.0	776	271	150

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-21 Page 4 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			altering to Kaolinite.								
			- dis py (2%), py veins to 4mm dip at								
			40° to CA (4%)								
			- few qtz veins at 40° to CA								
			- 10cm shears full of py. at 75° to								
			CA at 52.6m and 57.7m								
			- 10cm brecciated zones at 30°								
			to CA at 60.0m and 60.9m								
62.7	78.6	Clay/Silic. Intrusive	- contact with above is intensely		67873	62.7	63.6	0.9	1079	380	122
			clay alt zone at 55° to CA		67874	63.6	66.6	3.0	1582	715	240
			from 62.7 to 63.6 with py infilling		67875	66.6	69.6	3.0	1557	712	210
			of fractures		67876	69.6	72.6	3.0	1147	548	157
			- light grey to grey, fine to medium		67877	72.6	75.6	3.0	1579	686	119
			grained, Intense clay altered, moderate		67878	75.6	78.6	3.0	1095	620	240
			silicification. Few areas with slight								
			porph texture. Porous surface								
			from Kaolinization of Feldspars								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-21 Page 5 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			- dis py in blebs (2%), py veins to								
			2mm at 60° to CA (4%)								
			- brecciated zones at 40° to CA at								
			64.2 - 64.3 and 66.1 - 66.2m and at								
			60° to CA at 75.6 - 75.8m								
			- shaley shear at 60° to CA at 75.9m								
			- few qtz/py veins at 60° to CA								
78.6	81.8	Si/Clay Alt intrusive	- increased silicification than above unit		97879	78.6	81.8	3.2	3313	1382	290
			- dis py 3%, py veins to 4mm at 10, 56° to CA (6%)								
			- few qtz veins to 1cm at 10° to CA								
			- contact with above unit is slightly brecciated at 21° to CA								
81.3	92.3	Clay/Si Alt intrusive	- same as unit from 63.6 to 78.6		97880	81.8	83.8	2.0	1460	686	109
			- contact with above unit		97881	83.8	86.8	3.0	1888	899	280
			at 50° to CA		97882	86.8	89.6	2.8	1998	887	210

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-21 Page 6 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			- cpy in qtz vein at 60° to CA at 89.8m		97883	89.6	92.3	2.7	3205	1474	380
92.3	95.4	Brecciated Zone	- highly fractured with mud and pebble matrix and small shale shears at 35°		97884	92.3	95.4	3.1	1936	864	260
			- increase in py veinlets								
95.4	124.9	Sil/clay altered intrusive (stockwork)	- dark grey, fine to medium grained, highly silicified, moderately clay alt. intrusive		97885	95.4	97.0	1.6	4353	991	620
			- dis. py in subhedral cubes to 3mm (2%)		97886	97.0	98.5	1.5	3226	732	390
			py veins @ 15°, 60° to CA		97887	98.5	101.5	3.0	2662	530	350
			- large scale qtz veining with		97888	101.5	103.5	2.0	3246	1091	410
			1cm qtz, qtz/py vein, at 20°, 45°		97889	103.5	106.5	3.0	3589	1465	390
			to CA. Increasing with depth. Cpy		97890	106.5	109.5	3.0	2503	1131	400
			present in qtz/py veins.		97891	109.5	112.5	3.0	945	419	250
			- zone devoid of stockwork from		97892	112.5	115.5	3.0	2158	725	460
			109.5 to 112.5. at 45° to CA		97893	115.5	118.5	3.0	2485	971	280
			and 118.5 to 124.9		97894	118.5	121.7	3.2	1836	792	220
			- banded pattern of zones with/without		97895	121.7	124.9	3.2	1243	527	138

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # ONH-89-21 Page 7 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			stockwork								
			- contact with above unit at 35° to CA								
124.9	143.1	Sil/clay alt intrusive	- contact with above is gouge at 10° to CA		97896	124.9	125.6	0.7	2856	1285	250
			- light grey higher clay/silic ratio		97897	125.6	128.4	2.8	2516	829	270
			- some porphyritic texture		97898	128.4	130.6	2.2	2990	888	350
			- dis py 2%, py veinlets at 10°, 50° to CA (4%)		97899	130.6	131.9	1.3	1485	474	158
					97900	131.9	134.2	2.3	2879	1310	320
					97901	134.2	136.0	1.8	2170	956	240
			- few qtz/py veins to 1cm at 40° to CA		97902	136.0	136.9	0.9	1532	583	136
			- gouge zones at 50° to CA from 128.4-131.9m		97903	136.9	138.4	1.5	1174	468	77
			- " " at 20° " " 136.0-136.9m		97904	138.4	139.3	0.9	1755	655	118
			- py infilling along fractures		97905	139.3	141.2	1.9	1345	530	87
			- clay alt gouge zone at 15° to CA from 138.4-139.3		97906	141.2	143.1	1.9	1137	454	77
143.1	143.9	Brecciated Zone	- structure at 90° to CA.		97907	143.1	143.9	0.8	2438	859	210
			- fragments to 4cm in mud/pebble matrix								
			- few shaley band								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-21 Page 8 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
143.9	149.2	Sil/clay alt.	- few shale bands at 90° to CA		97908	143.9	146.9	3.0	1857	717	200
		porph	- minor chlorite alteration		97909	146.9	149.2	2.3	1746	639	220
			- increased clay alt.								
149.2	151.2	Shear Zone	- structure at 90° to CA		97910	149.2	151.2	2.0	2352	817	158
			- black shale bands with								
			clasts of beige tuff to 5cm.								
			- py along bedding planes								
			- red mineral (hematite ?)								
			present								
151.2	172.2	Sil/clay alt	- coarse grained, less intensely		97911	151.2	154.2	3.0	1809	527	128
		Intrusive	altered than above units		97912	154.2	157.2	3.0	1210	384	77
		(porph textured)	- excellent porph texture with		97913	157.2	160.2	3.0	1261	414	81
			feldspar phenos elongate to 8mm		97914	160.2	163.2	3.0	1174	396	62
			- hornblende crystals to 2mm		97915	163.2	166.2	3.0	929	264	52
			- dis py < 1%, few py veins at 55°to CA (3%)		97916	166.2	169.2	3.0	1259	406	88
			- few qtz veins at 15°, 45° to CA		97917	169.2	172.2	3.0	711	188	50
			- gouge zones at 60° to CA from 51.9-60.0								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-2 / Page 9 of 9

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			and 52.5 - 52.9m								
			- red mineral (Hematite stain?) present throughout								
172.2	185.0	beige tuff?	- contact with above unit is subtle textural change		97918	172.2	175.2		1104	293	74
			- beige, fine grained tuff.		97919	175.2	178.2		1336	332	71
			- carbonate and orthoclase filled fractures at 10°, 55° to CA		97920	178.2	180.4		1256	293	97
			- brecciated zone at 55° to CA from 180.4 to 180.6		97921	180.4	182.7		1076	305	77
			- red mineral (Hematite stain?) present in smears and along fractures		97922	182.7	185.0		1576	312	101
			- unit may also be extensively altered intrusive?								

DIAMOND DRILL HOLE DATA SHEET

PROPERTY: Louise Lake
LOCATION: Smithers,B.C.
HOLE # DDH-89-22
AZIMUTH: 189^0
DIP: -60^0
LENGTH: 306.9 m
GRID: 101+90 N 97+43 E

DATE: Feb. 19 to 22, 1989
NTS: 93L/13E
M.D. OMINECA
CONTRACTOR: J.T.Thomas
SIZE: NQ
LOGGED BY: R.W. Klassen

SUMMARY LOG

0.0	9.1	Casing
9.1	28.3	Sil.,fine grained, dark grey intrusive with minor qtz,py veining.
28.3	34.4	Beige/olive green fine grained tuff increased py veining.
34.4	41.0	Sil/clay alt. intrusive with minor qtz/py, py veining.
41.0	42.7	Highly silicified zone
42.7	52.1	Sil/clay alt. porph. intrusive, increasing clay alt.
52.1	54.0	Intensely clay altered zone with minor py/qtz veining.
54.0	65.7	Clay/sil alt. porph. intrusive.
65.7	67.4	Sil/clay alt. intrusive with increased py veining.
67.4	90.5	Sil/clay alt. porph. intrusive. mod. py veining.
90.5	104.5	Sil/clay alt. intrusive with mod.qtz/py veins.
104.5	110.6	Sil/clay alt. porph. intrusive mod py, qtz/py veining.
110.6	117.7	Sil/clay alt. intrusive increasing qtz/py veining.
117.7	129.4	Sil/clay alt. intrusive mod qtz/py veins, increasing qtz veins.
129.4	134.5	Clay alt. intrusive mod qtz/py, qtz veining.
134.5	174.9	Stockwork Zone, abundant qtz, qtz/py veins.
174.9	180.6	Main Shear Zone of interbedded breccia and shales with py veining.
180.6	187.8	Sil/clay alt. porph. intrusive with some orthoclase replacement and veining.
187.8	191.1	Brecciated section of above composition.
191.1	195.1	Sil/clay alt. intrusive with mod qtz veining.

195.1	195.5	Qtz/sulphide vein with abundant py, cpy, sphal, tetra and red min.
195.5	214.1	Sil/clay alt. porph. intrusive with some orthoclase replacement and veining, large scale qtz, qtz/py veining.
214.1	216.1	Brecciated zone of above comp.
216.1	226.2	Stockwork of qtz, qtz/py veins in a small scale pattern.
226.2	242.2	Stockwork of qtz, qtz/py veins in both a small and large scale pattern.
242.2	259.7	Stockwork zone, decrease in abundance of large scale veining.
259.7	261.0	Brecciated zone with increased clay alt.
261.0	282.9	Stockwork zone, same as above brecciated zone.
282.9	290.5	Qtz stockwork in less altered porph. intrusive.
290.5	292.9	Shear zone of shales and interbedded stockwork clasts.
292.9	295.3	Brecciated zone with increased clay alt.
295.3	306.9	Intensely clay alt. zone, few qtz/py veins.

END OF HOLE

CORONA CORPORATION

DIAMOND DRILL LOGS

HOLE # DDH-89-22 Page 1 of 16

Property: Louise Lake Location: Main Showing Down Hole Surveys: Acid Test Drilled By: J.T. Thomas

Area (Map #) 93L/13E Grid: 101+90N Depth: 163.7 Az: ___ Dip: 64.5 From-To: Feb 19/89 to Feb 27/

Claim #: Tenn 97+43 E Elev. 998 m 270.4 ___ 62.0 Size(s): NQ

M.D./County: Omineca Length: 306.9 (Units: m) ___ ___ ___ Logged By: R.W. Klassen

Province: B.C. Azimuth: 189 Dip Collar: -60 ___ ___ ___ Signed: Rob Klassen

REMARKS:

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
0	9.1		Casing		97923	9.1	11.6	2.5	137	107	38
9.1	28.3	Silicified, fine	- grey to dark grey, fine grained		97924	11.6	14.2	2.6	142	114	37
		grained intrusive	highly silicified, moderately clay altered		97925	14.2	17.1	2.9	162	188	49
			intrusive		97926	17.1	20.1	3.0	141	117	57
			- dis. py (2%), py veins to 2mm dia		97927	20.1	23.1	3.0	289	171	93
			at 0°, 26° to CA (3%)		97928	23.1	25.7	2.6	540	805	143
			- few qtz/py veins with vuggy porosity,		97929	25.7	28.3	2.6	2440	734	240
			at 0°, 26° to CA								
			- broken core from 9.1 to 14.2, 17.1 to 18.0,								
			22.6 to 22.9.								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-22 Page 2 of 16

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			- py veins to 2cm dia with mud infilling from 24.8m downward at 10° to CA								
28.3	34.3	fine grained tuff	Beige to olivine green, fine grained, felsic tuff.		97930	28.3	31.3	3.0	1519	387	128
					97931	31.3	34.3	3.0	1507	642	156
			- qtz veins to 5mm at 60° to CA								
			- py veins to 1cm at 15, 25° to CA (3%)								
			- dis. fine grained py (1%)								
			- minor tetrahedrite.								
			- contact with above unit at 40° to CA not faulted.								
34.3	41.0	Sil/Clay altered intrusive	- light grey to grey, fine to medium grained intrusive. Highly silicified and clay altered		97932	34.3	36.5	2.2	1560	430	940
					97933	36.5	38.7	2.2	1563	367	230
					97934	38.7	41.0	2.3	1411	485	210
			- few qtz/py veins to 2mm at 20°, 30° to CA								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-22 Page 3 of 16

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			- minor chlorite staining								
			- contact with above unit is gouge at 40° to CA								
41.0	42.7	Silicified Zone	- dark grey, fine grained silicified		97935	41.0	42.7	1.7	1262	764	155
			Zone, diss py in subhedral cubes								
			to 3mm (2%), py veins to 2mm dia								
			at 0° to CA (3%)								
42.7	52.1	Sil/Clay altered	- grey to dark grey, fine to medium		97936	42.7	44.5	1.8	1145	1133	121
		intrusive	grained intrusive, less silicious, more		97937	44.5	47.5	3.0	142	69	162
		(porph. text.)	clay altered than above unit		97938	47.5	49.8	2.3	553	140	81
			- fine dis py 3%, few py veins to		97939	49.8	52.1	2.3	414	104	112
			2mm at at 25° to CA. 15cm py veins								
			at 44.0m and 44.4m at 30° to CA								
			- contact with above is brecciated at 40° to CA								
52.1	54.0	Clay altered	- light grey, intense clay alteration		97940	52.1	54.0	1.9	2132	553	216
		intrusive	- dis py < 1%, qtz/py veins to 1mm at								
			15° to CA, minor chlorite staining								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-22 Page 4 of 16

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
54.0	64.0	Clay/Sil altered intrusive	- light grey to grey, highly clay altered, moderately silicified intrusive, - dis fine grained py 2%, few py, qtz/py veins to 1cm at 30° to CA (2%) - Trace tetrahedrite - contact with above unit is gouge at 60° to CA		97941	54.0	57.0	3.0	876	399	220
					97942	57.0	60.0	3.0	402	131	112
					97943	60.0	62.0	2.0	121	63	73
					97944	62.0	64.0	2.0	230	92	61
64.0	65.7	Clay/Sil altered intrusive (porph texture)	- same as above only lesser degree of clay alteration. Porphyritic texture evident with feldspar phenes elongate to 5mm - contact at top and bottom of unit is 2cm shale bands at 60° to CA		97945	64.0	65.7	1.7	410	129	72
65.7	67.4	Sil/Clay altered intrusive	- increased silicification than above unit, dis py 2%, increase in number of 1cm py veins at 0° to CA - bottom contact is 2cm qtz vein at 90° to CA		97946	65.7	67.4	1.7	1589	527	157

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-22 Page 5 of 16

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
67.4	90.5	Sil/Clay altered	light grey to grey, medium grained		97947	67.4	69.4	2.0	882	303	88
		intrusive	intrusive with porphyritic texture		97948	69.4	71.4	2.0	1547	600	143
		(porph texture)	- elongate feld phenos to 4mm, porosity		97949	71.4	74.1	2.7	1388	564	152
			left by Kaolinization of phenos		97950	74.1	76.7	2.6	1566	576	158
			- dis. fine grained py (1%), py		97951	76.7	78.9	2.2	1508	611	230
			veins to 2mm at 0°, 20°, 35° to CA (5%)		97952	78.9	81.0	2.1	1114	469	106
			- few qtz veins to 1mm @ 5% to CA		97953	81.0	83.0	2.0	1556	701	125
			- increase in # of py veins at 35° to CA		97954	83.0	86.0	3.0	1286	618	127
			from 86.0 to 90.5		97955	86.0	88.4	2.4	1359	588	440
					97956	88.4	90.5	2.1	1447	625	187
90.5	104.5	Sil./Clay alt	- dark grey, fine grained, highly		97957	90.5	93.5	3.0	3745	881	380
		intrusive	silicified, moderately clay alt. intrusive		97958	93.5	96.5	3.0	5695	1710	490
			- dis py fine grained (1%), distinct		97959	96.5	99.5	3.0	3631	2473	370
			decrease 1mm py veinlets at 0°, 28° to CA		97960	99.5	102.5	3.0	1913	1609	210
			- increase in qtz/py veinlets at 30° to CA		97961	102.5	104.5	2.0	1619	747	5210
			- gouge at 97.3m at 25° to CA								
			- shale bands at 100.9m at 90° to CA								
			- contact with above is gouge at 10° to CA								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # OOH-89-22 Page 6 of 16

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
104.5	110.6	Sil/clay alt intrusive (porph texture)	- light to dark grey, fine to medium grained, moderately clay altered and silicified intrusive with porphyritic texture - dis py in subhedral cubes and blebs (3%) - increase in py veins 1-2mm at 5°, 45° to CA. - contact with above is 10cm silicified band at 70° to CA - qtz/py vein 4mm dia at 25° to CA at 106.4m.		97962	104.5	107.6	3.1	1619	707	520
					97963	107.6	110.6	3.0	3782	1515	340
110.6	117.7	Clay/Sil alt. intrusive	- same as above unit only increased clay alteration and lack of porph texture. - dis py in blebs (4%), py veins to 3mm at 28°, 50° to CA, 5% - 2cm qtz/py veins at 30°, 75° to CA		97964	110.6	113.6	3.0	2639	945	320
					97965	113.6	115.7	2.1	1804	706	230
					97966	115.7	117.7	2.0	2302	1014	250

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # ODH-89-22 Page 7 of 16

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			at 113.7m and at 114.2 m								
			- contact with above is silicified								
			zone at 70° to CA								
117.7	129.4	Sil/Clay altered intrusive	- darker grey and finer grained		97967	117.7	120.4	2.7	3432	1373	380
			than above unit, highly silicified,		97968	120.4	123.1	2.7	3864	1618	410
			moderately clay altered intrusive.		97969	123.1	126.2	3.1	2911	1241	280
			- dis py fine grained (2%), few		97970	126.2	129.4	3.2	2367	1029	300
			py veins to 1cm at 16° to CA (3%)								
			- few qtz and qtz/py veins at 16° to CA								
			- gouge zone at 16° to CA from								
			123.1 - 123.4. Increase (slight)								
			in # of py veins below the gouge								
			- contact with above is gouge at								
			85° to CA								
129.4	134.5	Clay altered zone (Shear?)	- intense clay altered intrusive with		97971	129.4	132.1	2.7	3583	1505	460
			py, qtz/py veins at 33, 30° to CA		97972	132.1	134.5	2.4	3545	1469	376

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-22 Page 8 of 16

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			- 3cm shale bands at 60° to CA								
			throughout the zone								
134.5	157.5	Sil/Clay altered intrusive	dark grey, fine to medium grained,		97973	134.5	137.5	3.0	4001	1728	680
			moderately silicified and clay altered.		97974	137.5	140.5	3.0	2558	1187	330
			- dis py < 1%, few 2mm py veins		97975	140.5	143.5	3.0	2796	1249	380
			at 10° to CA (2%)		97976	143.5	146.5	3.0	3518	1628	510
			- 7cm qtz vein at 35° to CA at 137.9m		97977	146.5	149.5	3.0	3265	1575	360
			- appearance of 1cm py veins at 35° to CA		97978	149.5	152.5	3.0	2733	1259	310
			from 138.0 to 140.5m		97979	152.5	155.5	3.0	2027	982	280
			- increase in abundance of qtz		97980	155.5	157.5	2.0	3134	1382	430
			veins to 5cm at 60° to CA from								
			146.5 downward								
157.5	174.9	Sil/Clay altered intrusive (stockwork)	- contact with above is brecciated		97981	157.5	160.5	3.0	1934	774	230
			zone from 157.5 - 157.8 at 30° to CA.		97982	160.5	163.5	3.0	2024	554	260
			- dark grey, fine to medium grained,		97983	163.5	166.5	3.0	2058	342	280
			moderately clay altered and silicified		97984	166.5	168.8	2.3	2377	705	330
			intrusive.		97985	168.8	171.0	2.2	3428	1252	480

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-22 Page 9 of 16

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			- minor chlorite alteration		97986	171.0	173.0	2.0	3513	1511	610
			- dis. fine to medium grained py (3%)		97987	173.0	174.9	1.9	3276	1342	550
			- py veins at 55° to CA (2%)								
			- increase in qtz veining to stockwork level with 2mm veins at 40°, 50° and 65° to CA, vuggy porosity left along some fractures								
			- first presence of red mineral (Cinnabar? Hematite staining?) in smears and along fractures								
174.9	180.6	Main Shear	- structure at 60° to CA		97988	174.9	176.5	1.6	3304	1198	420
			- interbedded shales and brecciated intrusive		97989	176.5	179.4	2.9	3094	1191	159
					97990	179.4	180.6	1.2	3348	1017	260
			- Black shales with 3 cm clasts of beige tuff elongate along the bedding planes from 174.9 to 176.5 and from 179.4 to 180.6.								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-22 Page 10 of 16

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			- dark grey fine grained intrusive with xenoliths of beige tuff from 176.5 to 179.4. Dissp 2%, py veins to 3mm at 10°, 25° to CA c. 2%. Abundant red mineral								
			* Shear appears to be more silicified than in DDH-89-18								
180.6	187.8	Sil/clay altered intrusive (beige color) (porph texture)	- light grey to beige, medium grained, Feldspar phenocrysts to 3mm altering to Kaolin. Intense q/z stockwork of 1cm veins at 25°, 80° to CA		97991	180.6	183.0	2.4	2166	581	131
					97992	183.0	185.4	2.4	1843	458	102
					97993	185.4	187.8	2.4	1902	512	153
			- Few py veins to 3mm dia at 25° to CA.								
			- red mineral (cinnabar, hematite st.) present in smears and sericite								
			- orthoclase replacement								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-22 Page 11 of 16

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
187.8	191.1	Brecciated	- 5cm clasts of above unit set		97994	187.8	189.5	1.7	2122	486	127
		Zone	in a mud & pebble matrix. Increase		97995	189.5	191.1	1.6	2009	484	177
			in clay alteration. Contact with								
			above at 20° to CA								
191.1	195.1	Sil/Clay altered	- grey to dark grey, fine to medium		97996	191.1	193.2	2.1	2244	589	230
		intrusive	grained, High clay alt. and moderate		97997	193.2	195.1	1.9	1992	689	200
			silicification.								
			- Dis py 1%, py veins at 0°, 60° to								
			CA (3%)								
			- qtz veins to 1cm at 60° to CA								
195.1	195.5	Qtz/sulfide	- contact with above is 20cm gouge		97998	195.1	195.5	0.4	21569	9444	2930
		vein.	zone at 25° to CA								
			- veins is 50% qtz, 40% py,								
			5% cpy, 4% Red Hematite staining,								
			1% sphal, Tetrahedrite.								
195.5	214.1	Sil/clay alt	light grey to grey, fine to medium								
		intrusive (porph texture)	grained, moderately silicified + Clay								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # COM-89-22 Page 12 of 16

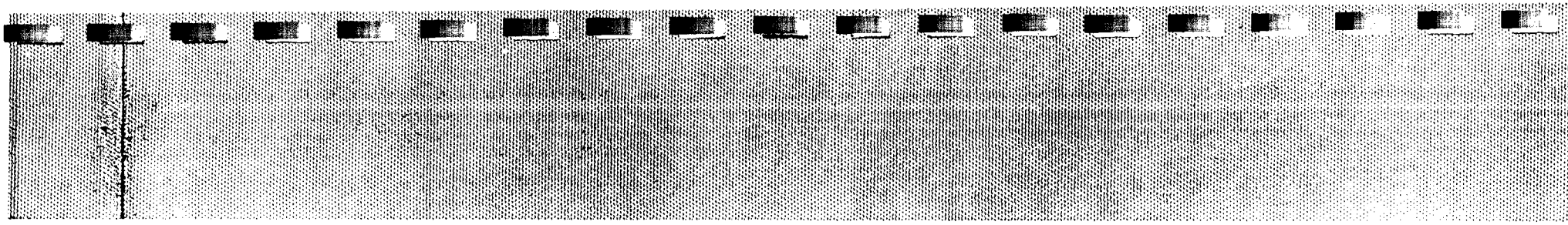
INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			altered. Elongate 3mm feld phenos		97999	195.5	198.5	3.0	1516	541	171
			altering to Kaolinite.		98000	198.5	201.5	3.0	1548	536	164
			- minor chloritic staining		4751	201.5	204.1	2.6	2643	666	285
			- dis py 1%, few veins to 2mm at		4752	204.1	207.1	3.0	1930	489	165
			25°(2%).		4753	207.1	209.4	2.3	1669	404	185
			- orthoclase in filling along some		4754	209.4	211.7	2.3	1929	448	180
			veins at 85° to CA		4755	211.7	214.1	2.4	1842	431	190
			- large scale qtz veining to								
			1cm at 40° to CA. Not stockwork								
			- 4cm qtz/py vein with cpy at 20° to CA								
			at 203.0m.								
			- gouge zone at 60° to CA at 206.0m								
214.1	216.1	Brecciated	- 10 cm clasts of above unit in		4756	214.1	216.1	2.0	2971	724	420
		Zone	a mud + pebble matrix. Contact with								
			above at 85° to CA								
216.1	226.2	Sil/clay alt.	- stockwork in Sil/clay alt intrusive		4757	216.1	219.1	3.0	2485	633	310
		intrusive (stockwork)	- small scale stockwork in a dense		4758	219.1	222.1	3.0	2853	705	205

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-22 Page 13 of 16

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			pattern.		4759	222.1	225.1	3.0	1748	423	250
			dis py 2%, py veins to 2mm at 10°		4760	225.1	226.2	1.1	3550	748	480
			to CA. (8%)								
			- qtz veins to 1cm at 35°, 52°.								
			- red mineral in veins at 0° to CA								
			- very siliceous								
			- py veins to 2cm at 30° to CA at 225.1								
			- qtz/py veins to 10cm at 50° to CA								
			from 225.5 - 225.9								
226.2	227.2	Gouge Zone	- 2cm gouge zone running at 5°		4761	226.2	227.2	1.0	4409	955	490
			to CA								
227.2	242.2	Sil/Clay alt	- dark grey, fine grained, moderately		4762	227.2	230.2	3.0	2630	646	345
		intrusive	clay alt, silicified intrusive with		4763	230.2	233.2	3.0	3414	755	720
		(stockwork)	large scale stockwork		4764	233.2	236.2	3.0	2617	541	305
			- dis py 3%, qtz/py veins to 5cm		4765	236.2	239.2	3.0	1985	394	320
			at 25°, 50° to CA.		4766	239.2	242.2	3.0	1884	459	190
			- total sulfides 10%								



CORONA CORPORATION

DIAMOND DRILL RECORD

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INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			- cpy along qtz veins								
			- shalxy zone from 137.8 to 138.0 at 50° to CA								
			- decrease in large scale qtz veining below shear								
242.2	259.7	Stockwork Zone	- no evidence of large scale qtz veining, increase in small scale qtz veins, to 1cm at 35°, 50° to CA		4767	242.2	245.2	3.0	1931	525	255
					4768	245.2	248.2	3.0	1850	497	260
					4769	248.2	251.2	3.0	1845	538	185
			- porph texture still evident with 5mm elongate phenos altering to Kaolinite		4770	251.2	254.2	3.0	2294	699	230
					4771	254.2	257.2	3.0	2412	676	290
					4772	257.2	259.7	2.5	3450	977	270
			- chlorite staining								
			- dis py 2%, few py veins at 10° to CA. 2%.								
			- Kspar infilling along fractures								
259.7	261.0	Brecciated Zone	- highly fractured, increased clay alteration. Structure runs at		4773	259.7	261.0		2328	522	195

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-72 Page 15 of 16

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
			53° to CA. Mud + pebble infilling								
			along fractures.								
261.0	282.9	Sil/clay alt.	- same as above brecciated		4774	261.0	264.0	3.0	1838	447	210
		Intrusive.	zone only higher level clay alteration		4775	264.0	267.0	3.0	2231	628	280
		Stockwork	- 2cm qtz/py veins at 40° to CA		4776	267.0	270.0	3.0	2151	575	210
		"	from 270.9-272.0		4777	270.0	273.0	3.0	2230	659	250
					4778	273.0	276.0	3.0	2751	838	380
					4779	276.0	279.0	3.0	2187	512	250
					4780	279.0	282.9	3.9	2475	585	260
282.9	290.5	Stockwork	- lower level of clay alteration		4781	282.9	285.4	2.5	992	221	98
		in porphyritic	and silicification. Coarse grained		4782	285.4	287.9	2.5	1135	281	41
		intrusive	intrusive with good porph texture		4783	287.9	290.6	2.7	1907	531	230
			- Kaolinization of 5mm phenos								
			- dense stockwork pattern of								
			1cm qtz veins at 35°, 50° to CA								
			- lower % total sulfides.								

CORONA CORPORATION

DIAMOND DRILL RECORD

HOLE # DDH-89-22 Page 16 of 16

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLEO	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Cu ppm	As ppm	Au ppb
290.5	292.9	Shear Zone	- structure runs at 65° to CA.		4784	290.6	292.9	2.3	837	273	22
			- black shales with interbedded stockwork clasts to 7cm elongate along bedding plain.								
292.9	295.3	Brecciated Zone	- highly fractured, highly clay altered, intrusive, few py veinlets along fractures, abundant red mineral present, - few 3cm qtz veins at 63° to CA - minor py along fractures		4785	292.9	295.3	2.4	1361	249	16
295.3	306.9	Clay Altered Zone	- light grey to grey, extremely high level of clay alteration, fine grained - very soft & crumbly - dis py 2%, few qtz/py veins to 2mm at 35° to CA		4786	295.3	297.2	1.9	282	88	29
					4787	297.2	299.3	2.1	101	39	2
					4788	299.3	302.1	2.8	163	35	8
					4789	302.1	304.5	2.4	247	104	49
					4790	304.5	306.9	2.4	128	52	29

APPENDIX II

1989 Assays(30 element ICP plus Au by AA)

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

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: Core AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: FEB 19 1989 DATE REPORT MAILED: Feb 2 /89 SIGNED BY. D. Toye . . D.TOYE, C.LEONG, B.CHAN, J.WANG: CERTIFIED B.C. ASSAYERS

CORONA CORPORATION PROJECT 1013 File # 89-0369 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97701	56	2504	4	223	.3	4	6	7	3.33	960	5	ND	2	10	1	137	14	2	.01	.001	2	2	.03	35	.01	14	.34	.01	.13	4	189
C 97702	125	814	11	387	.3	9	12	123	5.38	413	5	ND	2	4	1	22	2	2	.01	.001	2	6	.01	17	.01	4	.14	.01	.05	1	124
C 97703	288	1386	11	193	.5	4	15	21	5.85	615	5	ND	3	5	1	61	2	2	.01	.001	2	1	.02	9	.01	5	.21	.01	.09	2	200
C 97704	76	3395	5	572	.6	13	8	14	2.39	1443	5	ND	1	15	1	165	3	3	.01	.001	2	9	.04	36	.01	9	.43	.01	.18	3	260
C 97705	45	2648	15	219	.7	5	12	16	5.41	1159	5	ND	2	20	1	110	11	4	.01	.001	2	3	.03	14	.01	12	.45	.01	.14	4	280
C 97706	47	2614	16	184	.7	10	8	23	4.33	1148	5	ND	3	14	1	125	15	3	.01	.001	2	1	.02	28	.01	8	.36	.01	.12	4	210
C 97707	51	1815	17	102	.4	5	13	18	5.58	818	5	ND	2	16	1	52	3	3	.01	.001	2	2	.02	17	.01	9	.38	.01	.12	4	230
C 97708	57	1350	3	129	.4	5	7	8	3.74	358	5	ND	1	21	1	69	3	2	.01	.001	2	4	.03	34	.01	10	.33	.01	.13	5	210
C 97709	31	2291	12	176	.7	6	9	18	4.38	1037	5	ND	1	28	1	65	12	3	.01	.002	2	2	.04	24	.01	10	.42	.01	.14	4	260
C 97710	14	2239	27	223	.6	1	7	17	4.36	1022	5	ND	1	30	1	44	2	4	.01	.001	2	1	.03	27	.01	5	.47	.01	.12	4	270
C 97711	23	1087	27	320	.5	8	8	17	3.12	512	5	ND	1	62	1	18	3	6	.01	.009	2	4	.07	47	.01	16	.69	.01	.19	2	117
C 97712	133	1305	22	119	.8	8	13	16	5.66	698	5	ND	2	70	1	45	12	4	.01	.003	2	1	.05	17	.01	18	.42	.01	.16	4	610
C 97713	48	1977	13	135	.5	6	4	25	2.40	828	5	ND	1	56	1	102	12	6	.02	.007	2	3	.05	52	.01	8	.57	.01	.16	5	220
C 97714	20	1898	260	3148	2.3	6	7	34	4.11	837	5	ND	2	42	17	78	12	4	.02	.001	2	1	.04	17	.01	12	.40	.01	.14	1	300
C 97715	21	1922	152	861	.8	7	10	30	4.35	945	5	ND	1	53	5	70	3	6	.02	.003	2	4	.07	15	.01	9	.58	.01	.19	1	270
C 97716	29	3601	31	397	.7	7	26	39	6.81	1349	5	ND	1	32	1	160	3	5	.01	.004	2	1	.09	14	.01	7	.44	.01	.19	3	360
C 97717	63	2001	21	365	.5	4	5	33	3.19	802	12	ND	1	54	1	57	3	4	.02	.008	2	1	.11	33	.01	12	.58	.01	.22	3	175
C 97718	65	1331	24	130	.9	8	12	331	5.23	593	59	ND	1	85	1	129	12	11	.05	.010	2	4	.11	21	.01	26	.63	.01	.25	3	118
C 97719	88	1306	9	85	.3	2	7	513	4.74	423	5	ND	1	98	1	139	2	18	.11	.037	3	1	.19	49	.01	10	.68	.01	.29	3	86
C 97720	134	1699	21	212	1.2	4	12	296	5.49	771	5	ND	1	102	3	121	15	14	.15	.050	3	3	.14	18	.01	20	.66	.02	.29	5	157
C 97721	40	2574	22	68	.9	4	11	82	4.44	1075	5	ND	1	119	1	72	13	9	.13	.046	3	1	.09	30	.01	11	.53	.02	.19	4	260
C 97722	72	1993	14	73	.8	5	7	76	3.34	884	5	ND	1	100	1	17	12	6	.07	.030	4	3	.07	39	.01	13	.49	.02	.18	5	159
C 97723	278	2058	13	42	.7	2	3	84	3.71	769	5	ND	1	146	1	16	12	5	.12	.045	4	1	.09	25	.01	12	.62	.02	.22	5	159
C 97724	93	1277	14	47	.5	7	8	312	3.34	432	5	ND	1	144	1	2	2	12	.17	.061	5	4	.15	51	.01	18	.75	.03	.30	3	105
C 97725	78	1764	13	69	.6	5	6	532	4.09	575	5	ND	2	147	1	2	11	14	.26	.093	7	1	.13	60	.01	16	.61	.02	.23	4	117
C 97726	102	2571	26	115	1.1	9	12	440	4.86	911	5	ND	1	95	1	2	14	13	.17	.049	4	3	.07	33	.01	14	.43	.02	.15	5	250
C 97727	44	5251	53	59	1.6	4	4	213	3.18	1771	5	ND	1	67	1	2	3	9	.12	.036	2	2	.05	51	.01	16	.45	.02	.13	3	530
C 97728	27	5218	19	173	1.6	5	6	970	6.33	1697	5	ND	1	83	1	6	2	36	.21	.046	4	4	.16	124	.01	15	.42	.02	.11	4	550
C 97729	12	3054	20	150	1.3	6	5	365	5.82	965	5	ND	1	89	1	2	3	24	.12	.024	3	3	.16	93	.01	16	.42	.02	.16	4	380
C 97730	12	3553	16	166	.9	1	8	871	7.98	1158	5	ND	2	70	1	11	3	30	.23	.055	4	1	.16	39	.01	23	.45	.02	.13	5	400
C 97731	8	1484	19	138	.5	2	9	456	5.88	486	5	ND	2	85	1	2	3	28	.62	.063	4	4	.13	28	.01	17	.51	.03	.11	3	169
C 97732	9	959	14	32	.6	6	14	46	3.97	350	5	ND	1	76	1	2	2	12	.36	.010	2	1	.08	21	.01	16	.49	.02	.15	4	115
C 97733	9	484	19	44	.9	8	21	228	8.54	213	5	ND	1	53	1	2	2	8	.26	.021	2	3	.06	12	.01	15	.31	.02	.13	1	59
C 97734	4	2363	60	76	3.0	7	8	26	4.51	1291	5	ND	1	96	1	2	15	3	.14	.039	3	2	.02	21	.01	15	.34	.03	.17	5	153
C 97735	11	1184	26	71	.6	3	13	35	4.64	421	5	ND	1	73	1	2	11	3	.12	.022	3	3	.03	22	.01	11	.31	.02	.13	3	109
C 97736	4	507	15	108	.4	6	11	83	4.85	221	5	ND	1	37	1	6	3	3	.12	.023	3	1	.04	16	.01	15	.39	.02	.12	1	50
STD C/AU-P	19	61	42	132	7.3	69	20	1027	4.29	41	18	7	39	59	19	18	20	61	.49	.095	40	55	.90	175	.07	34	2.05	.06	.13	11	530

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97737	19	745	33	232	.5	6	12	373	5.76	291	5	ND	2	65	1	10	10	9	.12	.031	3	3	.06	13	.01	15	.48	.03	.14	1	68
C 97738	7	976	33	183	1.0	5	10	485	5.48	367	5	ND	2	112	1	5	7	7	.14	.044	4	1	.06	21	.01	18	.44	.03	.14	2	95
C 97739	13	4713	25	218	3.8	9	10	863	8.10	1506	5	ND	3	44	1	13	31	10	.13	.035	3	3	.11	18	.01	11	.30	.02	.16	5	480
C 97740	12	3891	31	325	1.5	4	5	1094	7.64	1188	5	ND	3	97	1	8	12	27	.24	.059	4	2	.22	126	.01	20	.38	.02	.15	4	370
C 97741	18	5441	46	307	2.3	9	7	1046	7.59	1693	5	ND	2	64	2	4	14	23	.17	.039	2	6	.18	44	.01	20	.34	.02	.18	4	610
C 97742	17	3956	33	217	1.7	6	12	935	8.05	1250	5	ND	3	77	1	2	11	23	.22	.065	4	2	.14	34	.01	19	.36	.02	.16	5	400
C 97743	30	3251	34	94	2.1	9	17	460	7.45	1023	5	ND	2	84	1	2	7	8	.15	.051	3	5	.05	16	.01	19	.39	.02	.20	6	260
C 97744	23	3567	38	194	1.5	6	20	669	8.33	1182	5	ND	2	64	1	6	13	14	.14	.042	3	2	.08	15	.01	10	.30	.02	.15	5	410
C 97745	31	3909	26	203	1.2	7	12	951	6.61	1221	5	ND	2	75	1	2	9	24	.37	.066	4	4	.10	29	.01	20	.35	.02	.15	4	430
C 97746	18	5150	28	286	1.2	9	14	981	8.72	1619	5	ND	2	69	2	2	13	35	.19	.045	3	5	.13	17	.01	24	.35	.02	.12	4	450
C 97747	28	2991	20	203	1.1	7	12	775	5.95	928	5	ND	1	86	2	5	11	27	.17	.052	3	4	.11	56	.01	14	.41	.02	.12	5	240
C 97748	204	2436	10	21	.3	10	10	13	3.13	819	5	ND	3	11	1	172	10	1	.01	.001	2	1	.01	39	.01	11	.29	.01	.09	6	210
C 97749	188	2011	5	29	.5	11	11	6	3.17	723	6	ND	3	28	1	89	8	2	.01	.001	2	2	.01	36	.01	11	.37	.01	.12	6	155
C 97750	113	936	4	14	.4	10	12	15	3.74	429	5	ND	3	28	1	25	5	2	.01	.001	2	1	.01	28	.01	10	.30	.01	.11	3	148
C 97751	141	1043	4	12	.4	8	13	9	3.72	489	5	ND	4	26	1	10	6	2	.01	.001	2	2	.02	29	.01	14	.33	.01	.12	4	136
C 97752	152	1121	13	46	.5	11	11	16	4.08	525	5	ND	3	27	1	11	5	1	.01	.001	2	1	.01	19	.01	14	.26	.01	.11	3	97
C 97753	178	517	20	70	1.7	20	11	14	6.18	238	5	ND	2	49	1	6	7	1	.02	.002	3	3	.01	14	.01	21	.25	.01	.13	2	162
C 97754	190	1079	12	62	1.5	14	14	22	5.14	502	5	ND	2	58	1	10	6	2	.03	.005	3	1	.02	16	.01	7	.26	.01	.13	4	160
C 97755	202	1893	10	122	1.3	9	4	7	3.43	800	5	ND	2	58	1	32	9	2	.01	.002	2	2	.02	29	.01	6	.46	.01	.11	5	193
C 97756	158	1412	13	85	.6	5	12	11	3.99	676	5	ND	1	54	1	11	9	3	.01	.004	2	1	.02	20	.01	9	.44	.01	.10	3	156
C 97757	81	2082	16	156	1.1	9	12	13	4.55	881	5	ND	1	60	1	33	8	3	.01	.005	2	3	.02	16	.01	12	.45	.01	.12	5	168
C 97758	253	1874	14	198	.5	5	11	13	3.39	767	5	ND	1	32	1	31	8	2	.01	.001	2	1	.02	39	.01	10	.36	.01	.12	5	193
C 97759	204	1219	20	150	.5	9	14	22	4.32	574	5	ND	3	32	1	34	6	3	.01	.005	2	3	.02	34	.01	11	.43	.01	.13	3	139
C 97760	211	3102	19	204	.6	7	7	20	3.73	1351	5	ND	1	59	1	91	9	3	.01	.005	2	2	.02	44	.01	20	.39	.01	.09	4	300
C 97761	210	2224	15	123	.6	9	7	12	4.06	1039	5	ND	1	37	1	68	6	4	.01	.001	2	2	.01	30	.01	8	.51	.01	.08	5	310
C 97762	156	2479	18	79	.6	7	8	23	3.76	1150	5	ND	1	32	1	14	8	3	.01	.001	2	1	.02	40	.01	10	.41	.01	.09	5	330
STD C/AU-R	19	63	43	133	7.3	71	31	1022	4.20	41	18	8	39	50	18	19	23	61	.48	.091	40	55	.94	174	.07	38	2.07	.06	.13	11	520

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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: Core AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAR 3 1989 DATE REPORT MAILED: March 9/89 SIGNED BY. C. Leong ..D.TOYE. C.LEONG. B.CHAN. J.WANG: CERTIFIED B.C. ASSAYERS

CORONA CORPORATION PROJECT 1013 File # 89-0503 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
P 4751	46	2643	33	41	.6	6	7	170	2.42	666	5	ND	1	117	1	35	2	9	.04	.022	3	2	.05	79	.01	19	.76	.02	.21	4	285
P 4752	71	1330	11	175	.3	4	12	927	4.88	489	5	ND	1	92	1	54	2	30	.06	.017	4	10	.14	120	.01	23	.73	.02	.19	1	165
P 4753	36	1669	18	148	.4	5	10	616	4.34	404	5	ND	1	114	1	57	2	27	.05	.015	3	4	.16	112	.01	16	.83	.01	.23	1	185
P 4754	75	1929	8	168	.4	1	15	642	4.88	448	5	ND	1	128	1	125	2	34	.06	.019	4	10	.15	96	.01	17	.84	.01	.18	1	180
P 4755	62	1842	15	166	.2	1	13	618	4.50	431	5	ND	1	115	1	98	2	31	.05	.014	3	4	.14	95	.01	15	.74	.01	.15	1	190
P 4756	77	2971	25	125	1.0	7	13	549	6.37	724	5	ND	1	167	1	37	2	14	.07	.029	3	12	.12	45	.01	32	.74	.02	.29	5	420
P 4757	33	2485	24	138	.9	5	8	762	5.05	633	5	ND	1	133	1	26	2	16	.07	.022	3	3	.12	66	.01	23	.65	.02	.25	7	310
P 4758	29	2353	24	146	2.1	3	8	801	6.31	705	5	ND	2	94	1	27	2	12	.11	.040	4	13	.11	41	.01	32	.65	.02	.28	6	205
P 4759	20	1748	23	139	.5	5	14	786	5.36	423	5	ND	2	95	1	2	2	12	.18	.066	3	4	.10	50	.01	27	.72	.02	.27	1	250
P 4760	18	3550	45	208	2.0	4	22	893	9.38	748	5	ND	2	76	1	2	2	15	.17	.054	3	12	.12	58	.01	30	.81	.02	.32	5	480
P 4761	14	4405	82	76	6.4	3	24	202	8.69	955	5	ND	1	66	1	2	3	6	.12	.051	5	5	.06	51	.01	34	.80	.02	.36	1	490
P 4762	15	2632	41	140	1.5	4	7	594	7.00	646	5	ND	1	73	1	2	2	10	.16	.062	4	16	.10	62	.01	33	.90	.02	.36	6	345
P 4763	21	3419	18	177	2.5	3	8	912	8.48	755	5	ND	2	65	1	2	2	10	.18	.067	4	4	.11	49	.01	28	.73	.02	.33	4	720
P 4764	13	2617	6	141	1.0	5	17	656	9.73	541	5	ND	2	53	2	2	2	11	.20	.065	3	13	.12	45	.01	30	.72	.02	.26	6	305
P 4765	18	1985	32	152	1.1	3	5	690	6.08	394	5	ND	2	80	1	2	2	14	.32	.118	5	4	.12	58	.01	35	.96	.02	.34	8	320
P 4766	26	1884	35	178	.6	7	16	620	5.89	459	5	ND	1	87	1	2	2	12	.21	.076	5	13	.10	46	.01	32	.81	.03	.27	1	190
P 4767	57	1931	43	210	1.0	4	16	700	4.56	525	5	ND	1	102	1	2	2	13	.23	.082	5	3	.09	60	.01	29	.80	.03	.26	1	255
P 4768	57	1850	26	133	.5	3	16	499	4.34	497	5	ND	2	99	1	2	2	10	.20	.069	6	12	.09	55	.01	37	.74	.03	.27	1	260
P 4769	46	1845	14	144	.8	14	19	667	6.00	538	5	ND	2	75	1	2	2	16	.22	.077	5	8	.10	48	.01	25	.71	.02	.29	1	185
P 4770	30	2294	11	109	.8	5	21	644	6.77	699	5	ND	2	83	1	2	8	13	.18	.062	4	15	.09	31	.01	18	.56	.02	.24	6	230
P 4771	32	2412	14	65	1.0	5	10	374	6.71	676	5	ND	2	59	1	2	2	8	.14	.052	5	4	.07	32	.01	30	.60	.02	.29	4	290
P 4772	29	3450	17	106	2.2	5	11	591	4.46	922	5	ND	2	119	1	2	2	10	.19	.068	5	12	.08	49	.01	21	.67	.02	.22	3	270
P 4773	32	2328	41	116	1.7	3	6	759	4.50	522	6	ND	3	127	1	2	2	13	.32	.117	6	3	.09	69	.01	39	.92	.03	.27	6	195
P 4774	33	1838	22	87	.9	3	14	591	4.51	447	5	ND	2	116	1	2	2	11	.23	.088	5	12	.08	58	.01	23	.78	.02	.28	1	210
P 4775	46	2231	18	72	.9	5	7	505	4.34	628	5	ND	2	95	1	2	4	10	.20	.071	5	4	.08	53	.01	17	.73	.02	.25	6	280
P 4776	32	2151	19	101	.4	4	10	479	5.93	575	5	ND	2	97	1	2	9	11	.26	.092	5	13	.09	37	.01	19	.79	.02	.21	7	210
P 4777	27	2230	23	135	.7	6	13	626	6.40	659	5	ND	2	88	1	2	4	13	.24	.081	5	3	.10	37	.01	23	.71	.02	.21	7	250
P 4778	30	2751	30	237	1.3	4	10	965	5.35	838	5	ND	2	93	1	2	2	12	.24	.080	5	12	.12	53	.01	25	.73	.02	.25	8	380
P 4779	24	2167	26	132	.5	3	11	417	4.61	512	5	ND	1	98	1	2	2	12	.31	.076	4	3	.09	35	.01	15	.62	.03	.17	7	250
P 4780	16	2475	21	105	.3	3	10	274	6.09	585	5	ND	1	100	1	2	2	8	.28	.068	4	13	.10	26	.01	16	.60	.02	.19	7	260
P 4781	9	992	16	217	.6	3	12	910	5.75	221	5	ND	2	84	1	2	2	16	.31	.108	6	3	.12	52	.01	15	.75	.03	.20	1	98
P 4782	3	1135	30	122	.4	10	15	508	5.14	281	5	ND	3	108	1	2	2	9	.29	.099	5	13	.09	43	.01	18	.69	.03	.18	1	41
P 4783	17	1907	34	107	.4	7	16	492	5.22	531	5	ND	2	105	1	3	2	6	.22	.072	5	3	.07	37	.01	17	.63	.03	.18	1	230
P 4784	25	807	46	100	.6	5	17	470	4.62	223	5	ND	1	149	1	2	2	14	.09	.029	3	3	.08	38	.01	24	.62	.03	.19	1	22
P 4785	59	1361	31	198	.9	11	22	836	5.55	249	5	ND	1	133	1	20	2	26	.10	.021	2	6	.12	52	.01	20	.53	.03	.21	1	16
P 4786	10	252	22	94	.3	6	13	543	4.09	88	5	ND	1	185	1	29	2	7	.25	.075	4	7	.07	83	.01	23	.97	.06	.27	1	29
STD C/AU-R	18	63	42	133	7.0	67	31	1033	4.01	41	18	6	39	50	20	14	20	61	.49	.097	41	56	.91	178	.07	36	2.07	.06	.13	12	520

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
P 4787	93	101	23	79	.3	5	8	413	3.55	39	5	ND	2	165	1	8	2	3	.26	.061	6	3	.06	38	.01	9	.42	.06	.16	1	2
P 4788	19	103	19	76	.2	3	6	487	3.91	35	5	ND	4	105	1	10	2	2	.24	.041	10	2	.07	37	.01	7	.32	.04	.17	1	8
P 4789	7	247	24	109	.5	9	15	518	5.36	104	5	ND	2	126	1	29	2	5	.22	.037	3	3	.09	26	.01	10	.41	.04	.17	1	49
P 4790	10	128	19	93	.4	3	6	364	5.45	52	5	ND	4	35	1	12	2	1	.15	.026	12	2	.06	24	.01	7	.32	.03	.17	1	29
C 97763	114	3483	10	332	1.0	10	13	16	4.51	1582	5	ND	2	25	1	13	2	4	.01	.003	2	5	.03	24	.01	8	.43	.01	.14	7	460
C 97764	157	4753	17	933	.8	11	18	22	5.98	2279	5	ND	1	37	1	25	2	4	.01	.006	2	3	.03	21	.01	8	.42	.01	.13	16	580
C 97765	111	5509	16	208	.8	9	20	16	4.58	2549	5	ND	2	45	1	17	2	5	.01	.006	2	4	.04	24	.01	12	.49	.01	.16	1	605
C 97766	135	3557	140	296	4.9	6	12	23	6.31	1581	5	ND	3	47	1	26	2	3	.02	.002	3	2	.03	18	.01	10	.29	.02	.15	6	505
C 97767	96	3502	24	154	1.3	4	9	22	3.72	1596	5	ND	2	56	1	13	3	4	.02	.009	2	2	.06	24	.01	8	.54	.01	.21	4	365
C 97768	75	2400	19	153	.6	5	6	21	3.47	1086	5	ND	1	73	1	17	2	5	.04	.013	2	2	.04	29	.01	11	.57	.01	.16	7	295
C 97769	18	1547	12	79	.5	9	14	14	3.03	669	5	ND	4	52	1	33	2	3	.02	.003	2	4	.05	38	.01	7	.38	.03	.19	1	93
C 97770	16	1259	19	185	.8	2	14	16	4.14	566	5	ND	3	58	1	3	2	3	.02	.006	2	3	.04	20	.01	10	.34	.03	.17	1	108
C 97771	31	948	7	124	.3	7	14	15	4.56	407	5	ND	2	59	1	2	2	3	.04	.012	3	4	.07	24	.01	8	.43	.03	.22	1	37
C 97772	33	1464	7	74	.3	5	16	42	4.98	476	5	ND	1	81	1	2	2	7	.05	.024	3	1	.11	23	.01	9	.70	.02	.26	1	180
C 97773	11	2026	21	124	.5	9	12	18	4.64	382	5	ND	2	65	1	2	4	4	.03	.013	3	6	.10	30	.01	11	.69	.02	.27	6	182
C 97774	12	1402	14	79	.3	3	13	27	4.50	232	5	ND	2	58	1	2	2	7	.04	.013	3	1	.18	19	.01	7	.83	.02	.32	1	198
C 97775	29	2021	12	118	.4	4	14	26	5.51	374	5	ND	1	86	1	2	2	7	.05	.020	3	2	.19	22	.01	6	.93	.02	.35	6	250
C 97776	16	1953	13	67	.6	5	12	15	4.37	241	5	ND	1	65	1	2	2	4	.02	.007	2	1	.08	26	.01	10	.62	.02	.22	6	205
C 97777	21	2089	17	62	.6	8	10	12	4.71	279	5	ND	1	75	1	2	2	4	.02	.009	2	3	.08	30	.01	8	.67	.02	.20	5	250
C 97778	31	1975	8	80	.5	5	8	19	4.11	233	5	ND	1	76	1	2	4	4	.02	.009	2	1	.10	41	.01	7	.64	.02	.22	5	245
C 97779	15	1919	13	104	.6	5	17	17	4.08	330	5	ND	1	81	1	2	2	5	.04	.020	2	1	.12	31	.01	7	.76	.02	.26	1	220
C 97780	24	1552	22	108	.8	6	14	23	3.73	566	5	ND	2	102	1	2	2	7	.07	.032	4	1	.17	48	.01	12	.82	.02	.34	1	175
C 97781	134	2271	15	168	.7	7	11	17	4.97	991	5	ND	2	83	1	2	2	4	.04	.018	3	3	.11	33	.01	8	.64	.02	.28	6	235
C 97782	102	2602	16	188	.5	4	10	15	4.10	1112	5	ND	2	131	1	2	3	3	.07	.030	4	1	.10	28	.01	13	.59	.02	.24	6	225
C 97783	41	1481	18	150	.6	4	15	462	5.49	563	5	ND	2	147	1	2	2	20	.18	.068	5	3	.19	49	.01	15	.84	.03	.30	1	148
C 97784	47	1376	18	184	.6	7	16	983	5.38	483	5	ND	3	153	1	2	2	20	.17	.069	7	3	.20	48	.01	13	.77	.02	.33	1	52
C 97785	48	1402	25	143	.7	7	14	127	2.91	553	5	ND	2	147	1	9	2	8	.08	.040	4	4	.15	46	.01	15	.86	.02	.31	1	79
C 97786	36	1759	12	121	.5	4	18	192	5.95	687	5	ND	1	97	1	41	2	7	.06	.028	3	2	.15	14	.01	17	.66	.02	.28	1	132
C 97787	63	2003	13	168	.5	4	11	1456	9.90	576	5	ND	2	115	1	44	4	34	.13	.037	5	5	.27	19	.01	14	.63	.02	.30	7	91
C 97788	61	3030	16	183	1.3	6	8	1038	4.51	668	5	ND	2	166	1	130	2	19	.13	.047	4	4	.14	98	.01	12	.53	.02	.22	5	315
C 97789	47	2901	7	199	.8	4	8	1264	6.28	782	5	ND	2	93	1	258	4	38	.07	.011	3	4	.17	163	.01	12	.53	.02	.16	5	285
C 97790	179	3548	9	188	.7	4	9	704	4.53	804	5	ND	1	89	1	455	2	23	.05	.013	3	3	.15	118	.01	19	.58	.02	.20	4	360
C 97791	150	3951	13	217	.7	4	11	721	5.16	845	5	ND	1	81	1	513	2	22	.04	.011	3	4	.15	92	.01	10	.55	.02	.21	3	420
C 97792	57	4059	21	203	1.0	3	14	921	6.64	973	5	ND	2	77	1	184	2	26	.05	.011	3	2	.18	81	.01	13	.55	.02	.22	2	350
C 97793	95	3399	12	161	.9	5	10	822	5.26	822	5	ND	1	85	1	108	2	29	.06	.014	3	3	.17	147	.01	10	.60	.02	.19	3	320
STD C/AU-R	19	63	44	137	7.2	72	31	1042	4.11	40	18	8	40	50	20	14	21	61	.48	.094	41	58	.97	182	.07	35	2.01	.06	.14	12	470

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97794	33	3629	13	94	.9	1	12	729	5.14	990	5	ND	1	78	1	141	2	22	.06	.016	2	3	.14	53	.01	10	.46	.02	.21	1	465
C 97795	24	3858	9	92	1.3	5	12	523	5.76	1093	5	ND	1	66	1	161	3	21	.06	.015	3	4	.16	23	.01	17	.43	.02	.19	2	495
C 97796	16	4228	11	128	1.1	3	14	791	7.00	1144	5	ND	1	66	1	99	2	25	.10	.029	3	3	.19	18	.01	10	.45	.01	.20	1	580
C 97797	18	3968	17	166	.9	5	15	922	7.21	1082	5	ND	2	87	1	52	3	23	.13	.042	3	6	.19	22	.01	8	.51	.02	.23	3	505
C 97798	30	3558	24	116	1.1	4	13	636	6.22	963	5	ND	2	95	1	9	2	19	.15	.056	4	3	.14	19	.01	24	.49	.02	.22	3	480
C 97799	25	3795	24	119	1.1	3	13	680	5.21	1113	5	ND	2	125	1	3	4	22	.17	.060	5	5	.13	23	.01	12	.52	.02	.20	1	420
C 97800	9	3629	50	79	.6	3	14	456	5.69	1029	5	ND	1	87	1	2	2	13	.09	.033	3	3	.10	15	.01	13	.42	.02	.19	2	480
C 97801	13	1797	39	87	1.2	7	20	468	5.18	494	5	ND	1	99	1	2	2	9	.12	.036	4	5	.09	22	.01	14	.44	.02	.21	1	265
C 97802	16	3583	35	90	1.7	4	16	532	5.00	932	5	ND	1	104	1	2	2	8	.09	.031	3	2	.10	18	.01	27	.49	.03	.22	1	390
C 97803	5	2037	41	145	2.0	6	9	329	3.97	586	5	ND	2	124	2	2	12	9	.21	.044	4	4	.06	16	.01	19	.44	.03	.16	7	121
C 97804	2	263	38	164	.2	3	9	691	3.90	87	5	ND	2	149	2	2	2	22	.78	.076	4	3	.10	70	.01	12	.44	.04	.11	2	20
C 97805	6	387	20	82	.4	3	12	214	2.65	153	5	ND	2	155	1	2	2	13	1.28	.076	4	4	.05	46	.01	18	.47	.05	.11	1	44
C 97806	3	2855	25	49	.9	3	13	218	5.39	802	5	ND	2	79	1	2	2	8	.10	.030	3	3	.03	5	.01	25	.29	.02	.13	3	410
C 97807	3	3007	11	89	1.4	5	14	466	7.59	857	5	ND	2	77	1	2	2	12	.25	.032	3	8	.06	9	.01	15	.28	.02	.13	3	245
C 97808	93	899	3	51	.2	29	18	13	3.53	330	5	ND	2	50	1	296	2	2	.01	.007	2	3	.01	34	.01	9	.26	.01	.11	1	93
C 97809	156	1000	2	82	.1	11	17	7	4.45	345	5	ND	1	84	1	427	2	2	.01	.013	2	6	.01	18	.01	13	.35	.02	.10	1	133
C 97810	57	1289	2	155	.1	7	19	13	4.12	313	5	ND	1	52	1	506	2	1	.02	.007	3	2	.01	26	.01	10	.27	.02	.11	1	111
C 97811	64	115	2	13	.1	9	19	10	5.97	120	5	ND	1	57	1	22	2	1	.01	.007	2	6	.01	12	.01	10	.28	.01	.12	1	36
C 97812	113	507	7	54	.1	7	15	10	3.93	194	5	ND	1	103	1	125	2	2	.03	.014	3	4	.01	29	.01	12	.28	.01	.13	1	33
C 97813	249	1006	2	59	.1	7	14	11	3.21	303	5	ND	1	108	1	431	2	1	.03	.014	2	15	.01	32	.01	9	.30	.02	.10	1	130
C 97814	31	1159	2	31	.3	6	12	4	3.77	428	5	ND	2	26	1	438	2	1	.01	.004	2	4	.01	33	.01	9	.29	.01	.10	1	215
C 97815	54	862	4	52	.2	9	13	5	3.36	281	5	ND	1	30	2	184	2	1	.01	.005	2	10	.01	32	.01	12	.25	.01	.10	1	24
C 97816	70	1479	9	197	.4	8	19	15	4.25	756	5	ND	1	45	1	70	2	3	.02	.007	2	3	.03	24	.01	13	.39	.01	.12	1	245
C 97817	27	2253	22	136	.3	4	10	30	3.33	1045	5	ND	1	57	2	48	5	6	.02	.008	2	13	.06	43	.01	12	.62	.01	.17	6	285
C 97818	52	2456	17	154	.4	7	11	54	3.08	1069	5	ND	2	56	1	41	4	9	.02	.007	2	3	.10	49	.01	12	.68	.01	.20	6	305
C 97819	26	2153	74	127	.8	6	12	33	4.55	977	5	ND	3	62	1	43	3	5	.03	.005	2	16	.06	22	.01	10	.47	.01	.17	6	360
C 97820	15	2462	20	134	.7	7	19	45	6.23	1158	5	ND	2	61	1	15	5	10	.03	.008	3	4	.07	20	.01	9	.52	.01	.18	6	325
C 97821	9	2293	24	247	.6	4	14	211	6.04	1030	5	ND	2	49	1	11	4	16	.03	.011	2	14	.10	24	.01	10	.53	.01	.20	9	245
C 97822	38	2955	16	220	.6	7	14	143	4.43	1349	5	ND	1	77	1	13	3	11	.04	.016	2	4	.10	32	.01	10	.54	.01	.19	6	385
C 97823	53	3675	23	144	.8	7	20	92	6.13	1679	5	ND	1	51	1	14	2	12	.04	.013	2	19	.08	15	.01	10	.48	.01	.15	4	490
C 97824	21	3212	28	92	.7	9	16	57	4.93	1467	5	ND	1	42	1	7	4	11	.02	.005	2	4	.10	24	.01	12	.58	.01	.19	3	480
C 97825	29	2245	5	71	.3	8	12	35	3.82	1059	5	ND	1	65	1	6	3	8	.04	.014	2	13	.05	36	.01	6	.49	.01	.12	5	320
C 97826	13	2641	6	118	.5	6	9	35	3.71	1178	5	ND	2	50	1	8	4	9	.02	.004	2	4	.09	28	.01	10	.57	.01	.20	5	385
C 97827	24	540	8	45	.4	7	19	11	6.09	229	5	ND	4	45	1	2	2	2	.02	.005	2	14	.03	15	.01	10	.29	.02	.14	1	71
C 97828	31	947	2	66	.3	6	18	14	5.02	393	5	ND	2	97	1	3	2	3	.06	.021	3	4	.05	17	.01	11	.38	.03	.17	1	15
C 97829	11	1395	6	63	.3	4	15	21	2.61	487	5	ND	2	119	2	2	2	6	.07	.025	3	12	.09	42	.01	18	.57	.04	.23	1	83
STD C/AU-R	19	63	44	133	7.2	69	31	1044	3.97	41	21	8	39	51	22	19	18	61	.48	.097	42	57	.95	183	.07	37	2.00	.06	.13	13	530

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97830	20	1767	11	131	.5	5	20	22	4.15	837	5	ND	2	51	1	2	2	3	.04	.004	2	2	.08	16	.01	7	.41	.03	.21	1	212
C 97831	24	1705	7	81	.3	5	21	22	3.95	801	5	ND	1	74	1	2	2	8	.04	.019	2	1	.13	17	.01	9	.61	.02	.24	1	152
C 97832	27	1804	9	113	.5	7	21	22	3.97	815	5	ND	1	63	1	2	2	8	.03	.013	2	3	.12	19	.01	12	.57	.02	.22	1	146
C 97833	23	1441	18	234	1.6	5	23	16	5.56	651	5	ND	2	44	1	3	2	2	.07	.011	2	2	.08	18	.01	10	.40	.02	.21	2	145
C 97834	39	1735	7	76	.6	7	17	37	3.39	790	5	ND	1	92	1	6	2	7	.10	.033	3	2	.17	30	.01	9	.73	.02	.32	1	164
C 97835	173	2670	11	57	.3	4	18	39	3.99	1225	5	ND	1	64	1	36	3	10	.10	.013	2	1	.21	16	.01	11	.69	.02	.31	4	137
C 97836	32	2355	10	98	.5	7	18	70	4.53	1038	5	ND	1	87	1	45	3	10	.08	.023	3	3	.18	19	.01	13	.76	.02	.30	7	210
C 97837	26	1535	9	96	.3	8	18	44	4.52	714	5	ND	1	71	1	23	2	8	.08	.016	3	2	.17	17	.01	12	.66	.02	.26	1	134
C 97838	27	532	192	408	1.5	6	17	14	7.09	306	5	ND	3	41	2	11	5	2	.06	.005	2	3	.06	10	.01	10	.35	.02	.20	7	640
C 97839	22	1114	7	48	.3	5	20	33	4.43	502	5	ND	1	99	1	10	2	5	.10	.042	3	1	.12	17	.01	12	.58	.02	.27	1	73
C 97840	10	1536	12	54	.4	4	16	16	5.61	672	5	ND	1	47	1	30	2	2	.04	.018	3	3	.05	12	.01	13	.40	.02	.20	1	60
C 97841	38	1330	10	81	.2	2	18	34	3.67	551	13	ND	1	107	2	12	2	5	.06	.030	3	1	.14	21	.01	15	.66	.02	.28	1	133
C 97842	81	2236	18	69	.8	9	14	223	3.77	758	7	ND	1	85	2	80	6	7	.06	.018	2	2	.08	16	.01	18	.47	.02	.22	6	141
C 97843	50	1333	13	97	.4	8	22	395	5.37	484	5	ND	1	106	1	74	2	13	.11	.043	3	2	.15	16	.01	12	.58	.02	.25	1	117
C 97844	62	1693	10	136	.5	7	18	622	5.06	539	5	ND	1	106	1	65	2	18	.10	.040	3	3	.16	29	.01	13	.59	.02	.23	1	116
C 97845	39	1719	9	135	.4	4	12	573	3.73	533	5	ND	1	127	1	120	2	16	.12	.049	3	2	.12	46	.01	14	.57	.02	.19	1	110
C 97846	67	2067	13	157	1.5	7	10	619	6.81	675	5	ND	2	71	1	187	8	11	.05	.012	4	4	.10	11	.01	14	.46	.02	.23	8	116
C 97847	259	2162	15	183	1.4	4	12	1047	4.73	691	5	ND	2	87	2	124	9	16	.11	.036	4	2	.15	42	.01	12	.52	.02	.24	9	106
C 97848	484	2378	23	88	.8	6	9	335	2.68	510	5	ND	1	129	1	104	7	13	.13	.045	3	2	.11	62	.01	19	.55	.02	.19	5	157
C 97849	56	1622	23	121	.4	3	12	584	4.61	339	5	ND	1	104	1	116	2	23	.14	.023	3	4	.15	81	.01	15	.45	.02	.14	1	146
C 97850	84	1447	18	121	.5	4	13	645	5.61	385	5	ND	1	115	1	43	2	24	.20	.031	3	3	.16	33	.01	20	.45	.03	.18	1	107
C 97851	49	1618	8	117	.3	8	12	661	4.99	423	5	ND	1	159	1	4	2	26	.92	.042	5	4	.20	77	.01	21	.53	.05	.20	1	121
C 97852	47	2671	29	50	.6	4	9	288	3.38	951	5	ND	1	150	2	2	2	17	.61	.037	3	2	.12	35	.01	14	.49	.05	.19	5	159
C 97853	54	1991	9	108	.2	6	3	569	5.86	526	5	ND	3	106	1	2	13	37	1.03	.083	7	5	.37	120	.01	26	.47	.05	.18	7	150
C 97854	12	511	2	21	.2	8	13	7	3.42	218	5	ND	1	18	1	78	2	3	.62	.004	2	1	.01	20	.01	11	.36	.01	.15	1	73
C 97855	4	159	8	21	.1	8	15	7	5.11	109	5	ND	1	90	1	26	2	1	.03	.009	2	2	.01	12	.01	11	.36	.02	.13	2	26
C 97856	3	79	10	19	.1	5	13	2	4.76	75	5	ND	1	28	1	6	5	1	.02	.005	2	3	.01	13	.01	13	.31	.01	.11	1	39
C 97857	3	135	8	17	.1	4	12	2	4.25	98	5	ND	2	34	1	34	5	1	.02	.005	2	2	.01	19	.01	12	.30	.01	.13	2	28
C 97858	3	456	8	31	.2	5	12	2	4.13	178	5	ND	2	43	1	103	2	1	.02	.005	2	1	.01	25	.01	16	.35	.01	.10	1	46
C 97859	11	95	10	15	.1	8	11	4	4.14	97	5	ND	1	110	1	16	2	2	.02	.011	2	5	.01	17	.01	17	.36	.02	.13	1	17
C 97860	8	120	6	14	.3	6	12	3	4.98	137	5	ND	3	15	1	25	2	1	.02	.004	2	2	.01	20	.01	13	.29	.02	.13	2	51
C 97861	5	108	10	15	.1	5	13	3	4.77	116	5	ND	3	21	1	19	2	2	.02	.003	2	3	.01	18	.01	18	.31	.02	.14	2	36
C 97862	5	487	3	38	.1	3	14	2	4.14	190	5	ND	2	25	1	115	2	2	.01	.004	2	1	.01	18	.01	9	.30	.01	.13	1	80
C 97863	6	351	4	27	.1	7	12	3	3.21	163	5	ND	2	33	1	53	3	2	.01	.002	2	2	.01	24	.01	13	.33	.02	.11	1	81
C 97864	11	225	3	20	.1	10	15	4	6.34	122	5	ND	1	37	1	54	2	2	.01	.005	2	3	.01	9	.01	13	.29	.01	.12	1	32
C 97865	5	326	11	24	.1	6	12	2	4.08	169	5	ND	2	54	1	27	2	2	.01	.004	2	2	.01	23	.01	12	.34	.02	.10	1	39
STD C/AU-R	18	63	43	132	6.9	68	31	1027	4.00	41	18	7	39	50	20	15	22	61	.49	.096	41	55	.98	175	.07	36	1.99	.06	.13	13	480

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97866	126	186	4	22	.1	5	17	10	5.74	133	5	ND	2	34	1	18	2	1	.01	.005	2	2	.01	10	.01	8	.21	.02	.09	1	43
C 97867	11	564	11	58	.1	4	18	6	4.94	342	5	ND	3	43	1	47	2	1	.01	.005	2	4	.01	17	.01	14	.27	.02	.09	1	64
C 97868	15	969	8	56	.2	5	13	8	3.83	389	5	ND	3	43	1	83	2	1	.02	.011	2	2	.01	23	.01	9	.28	.02	.09	1	154
C 97869	8	715	7	58	.2	7	16	7	3.73	302	5	ND	3	41	1	61	2	2	.02	.010	2	4	.01	24	.01	7	.26	.03	.09	1	85
C 97870	82	445	10	19	.1	5	22	6	4.73	246	5	ND	2	29	1	46	2	1	.01	.007	2	2	.01	17	.01	10	.24	.02	.08	1	76
C 97871	84	1003	5	40	.1	7	20	6	5.36	398	5	ND	1	31	1	149	2	1	.02	.011	2	3	.01	16	.01	7	.19	.01	.06	1	108
C 97872	77	776	4	33	.4	5	22	8	5.97	271	5	ND	2	39	1	101	2	1	.02	.011	2	3	.01	13	.01	9	.23	.02	.08	1	150
C 97873	111	1079	7	67	.1	7	16	9	3.06	380	5	ND	1	72	1	143	2	2	.02	.011	2	4	.01	35	.01	7	.30	.02	.08	1	122
C 97874	80	1562	7	61	.3	5	15	4	2.55	715	5	ND	1	51	2	49	2	1	.01	.004	2	2	.01	40	.01	8	.30	.02	.07	1	240
C 97875	114	1557	6	95	.2	10	14	7	2.56	712	5	ND	1	53	2	37	2	2	.01	.005	2	4	.01	43	.01	6	.29	.02	.08	1	210
C 97876	219	1147	7	83	.2	18	13	4	2.18	548	5	ND	1	62	2	9	2	2	.01	.005	2	4	.01	54	.01	6	.40	.02	.07	1	157
C 97877	101	1579	2	47	.2	8	13	4	3.37	686	5	ND	1	51	1	7	2	1	.01	.006	2	4	.01	33	.01	7	.32	.02	.09	1	119
C 97878	160	1095	17	68	1.7	8	19	5	6.77	620	5	ND	1	56	1	4	2	1	.02	.006	2	3	.01	13	.01	9	.24	.02	.10	1	240
C 97879	229	3313	6	223	.8	10	12	6	4.27	1382	5	ND	1	47	1	2	2	1	.01	.004	2	4	.01	22	.01	11	.29	.02	.09	7	290
C 97880	141	1460	11	206	.6	8	18	7	4.35	686	5	ND	1	38	1	2	2	1	.01	.005	2	3	.01	26	.01	6	.27	.02	.10	1	109
C 97881	121	1886	11	162	.4	8	22	7	4.53	999	5	ND	1	44	1	2	2	1	.01	.006	2	4	.01	22	.01	9	.29	.02	.08	1	230
C 97882	159	1956	12	150	.7	3	6	7	3.05	887	5	ND	1	35	1	9	2	1	.01	.001	2	2	.01	37	.01	7	.27	.02	.10	9	210
C 97883	248	3205	13	100	.5	10	11	9	4.12	1474	5	ND	1	51	1	8	2	2	.01	.004	2	4	.02	21	.01	3	.35	.02	.08	5	380
C 97884	162	1936	7	97	.5	6	18	10	3.94	864	5	ND	1	59	1	23	2	2	.05	.025	2	2	.02	25	.01	8	.34	.02	.11	1	260
C 97885	380	4353	19	148	.7	7	15	15	3.53	991	5	ND	1	59	1	24	2	3	.02	.011	2	3	.03	37	.01	7	.50	.01	.13	4	620
C 97886	145	3226	13	155	.7	4	14	11	4.44	732	5	ND	1	41	1	14	2	2	.01	.007	2	5	.03	27	.01	6	.46	.01	.13	7	390
C 97887	183	3662	16	225	.4	7	7	8	2.63	530	5	ND	1	64	2	7	2	3	.01	.005	2	4	.04	58	.01	9	.53	.01	.13	8	350
C 97888	318	3246	12	454	.5	6	13	8	3.63	1091	5	ND	1	46	1	6	2	2	.01	.004	2	2	.04	33	.01	12	.52	.01	.13	12	410
C 97889	128	3589	10	187	.6	4	17	14	3.92	1465	5	ND	1	31	1	8	2	2	.01	.004	2	3	.06	34	.01	6	.48	.01	.16	7	390
C 97890	116	2503	13	155	.5	6	8	15	3.21	1131	5	ND	2	58	1	5	2	2	.02	.006	2	3	.04	40	.01	9	.55	.02	.12	6	400
C 97891	42	945	22	131	1.0	5	13	21	3.84	419	5	ND	3	64	1	2	2	3	.02	.006	2	4	.04	27	.01	8	.36	.02	.14	2	250
C 97892	21	2158	80	327	1.3	5	8	18	3.64	725	5	ND	1	56	2	2	2	4	.02	.008	2	3	.05	27	.01	4	.44	.02	.17	13	460
C 97893	65	2485	7	67	.4	6	9	15	3.77	971	5	ND	1	42	1	2	2	4	.01	.003	2	2	.06	29	.01	5	.49	.01	.16	7	280
C 97894	23	1836	17	101	.7	3	17	15	4.32	792	5	ND	1	45	1	26	2	4	.01	.007	2	4	.04	26	.01	8	.43	.01	.15	1	220
C 97895	15	1243	8	72	.5	5	14	14	3.68	527	5	ND	2	62	1	15	2	3	.02	.009	2	2	.04	27	.01	9	.39	.02	.13	1	138
C 97896	31	2856	10	245	.5	7	16	21	3.65	1285	5	ND	1	34	1	22	6	3	.01	.002	2	5	.06	31	.01	10	.41	.01	.16	9	250
C 97897	20	2516	16	127	.5	3	18	18	4.01	829	5	ND	1	38	1	2	2	4	.01	.003	2	3	.05	29	.01	10	.46	.01	.13	7	270
C 97898	16	2990	13	126	.4	5	19	24	5.84	888	5	ND	1	42	1	6	2	3	.01	.005	2	3	.02	17	.01	6	.39	.02	.09	7	350
C 97899	28	1485	13	91	.3	4	16	26	4.03	474	5	ND	1	54	1	7	2	4	.04	.016	2	3	.03	26	.01	5	.49	.01	.10	1	158
C 97900	32	2879	18	177	.7	6	18	21	4.45	1310	5	ND	1	45	1	8	2	3	.01	.005	2	2	.03	25	.01	5	.35	.02	.11	8	320
C 97901	19	2170	9	59	.4	5	13	21	4.18	956	5	ND	1	46	1	13	2	4	.01	.002	2	3	.03	26	.01	6	.46	.01	.11	7	240
STD C/AU-R	18	61	37	133	6.9	69	31	1029	4.20	42	21	8	40	50	20	17	23	61	.49	.094	40	56	.96	175	.07	32	2.03	.06	.13	13	490

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97902	32	1532	17	84	.5	3	15	22	3.10	563	5	ND	3	137	1	29	2	16	.04	.031	9	4	.13	157	.01	57	1.76	.02	.56	1	136
C 97903	37	1174	16	87	.8	2	17	29	3.31	468	5	ND	3	156	1	24	2	14	.07	.043	13	3	.25	160	.01	51	1.86	.02	.68	2	77
C 97904	18	1755	14	98	.6	5	13	20	2.69	655	5	ND	2	162	1	26	2	11	.13	.065	9	3	.17	120	.01	43	1.50	.02	.48	1	118
C 97905	17	1345	11	76	.3	4	15	190	4.41	530	5	ND	2	141	1	29	2	14	.03	.029	8	4	.16	98	.01	35	1.45	.02	.44	1	87
C 97906	19	1137	15	87	.3	5	19	29	4.39	454	5	ND	2	142	1	56	2	11	.04	.032	8	2	.17	123	.01	33	1.56	.02	.48	1	77
C 97907	72	2438	16	171	.8	11	16	217	6.79	859	42	ND	3	112	1	225	13	20	.05	.017	7	9	.19	233	.01	66	1.50	.03	.60	11	210
C 97908	55	1857	7	109	.8	1	14	23	3.13	717	5	ND	2	118	1	151	2	10	.02	.015	6	3	.16	157	.01	50	1.34	.03	.54	1	200
C 97909	30	1746	14	127	1.1	5	16	21	4.02	639	5	ND	2	219	1	195	2	9	.09	.056	6	4	.13	137	.01	36	1.27	.03	.51	1	220
C 97910	46	2352	25	353	1.2	1	9	73	4.46	817	65	ND	3	182	1	324	2	12	.05	.026	6	2	.12	140	.01	85	1.33	.03	.51	14	156
C 97911	43	1309	15	110	.5	4	16	751	4.86	527	5	ND	2	137	1	101	2	18	.08	.034	7	4	.22	125	.01	38	1.30	.02	.50	1	123
C 97912	50	1210	10	127	.4	5	13	874	4.69	384	5	ND	2	188	1	56	2	22	.09	.042	7	3	.25	167	.01	38	1.39	.03	.49	1	77
C 97913	55	1261	33	147	1.0	4	11	788	4.91	414	5	ND	2	128	1	67	2	16	.07	.030	6	4	.19	103	.01	41	1.17	.03	.46	2	81
C 97914	27	1174	13	105	.4	4	9	550	3.37	296	5	ND	1	167	1	37	2	17	.07	.028	6	4	.20	155	.01	33	1.15	.03	.36	1	62
C 97915	26	829	23	106	1.0	7	12	375	3.75	264	5	ND	2	156	1	28	2	11	.07	.032	6	3	.16	104	.01	39	1.16	.03	.41	1	52
C 97916	43	1259	283	259	1.3	4	12	1712	5.30	406	5	ND	3	149	1	50	2	18	.09	.033	6	5	.22	143	.01	44	1.16	.03	.47	3	88
C 97917	27	711	14	151	.2	4	10	979	5.60	138	5	ND	2	218	1	6	2	23	.32	.047	6	4	.19	104	.01	35	1.04	.04	.32	1	50
C 97918	46	1104	22	111	.5	1	9	560	3.45	292	5	ND	2	269	1	4	2	20	.45	.059	8	2	.20	284	.01	45	1.16	.06	.40	1	74
C 97919	56	1336	21	34	.3	4	12	188	2.39	332	5	ND	1	228	1	2	2	9	.78	.052	7	2	.15	139	.01	55	1.29	.05	.42	1	71
C 97920	66	1356	12	20	.3	1	17	47	1.74	293	5	ND	1	228	1	2	2	7	.64	.047	5	3	.13	124	.01	30	1.09	.05	.36	1	97
C 97921	29	1076	17	78	.4	1	10	385	2.70	305	5	ND	1	290	1	7	2	22	.36	.065	7	4	.14	187	.01	44	1.13	.06	.32	1	77
C 97922	109	1576	19	58	.6	3	10	217	1.77	312	5	ND	1	314	1	30	2	16	.22	.061	8	3	.15	285	.01	33	1.07	.04	.29	1	106
C 97923	30	137	8	24	.1	51	19	20	5.91	107	5	ND	1	85	1	13	2	5	.03	.010	3	10	.04	39	.01	13	.41	.01	.15	2	33
C 97924	50	142	7	24	.1	50	25	20	6.13	114	5	ND	1	35	1	33	2	4	.01	.006	3	13	.02	32	.01	9	.40	.01	.19	4	37
C 97925	25	162	11	24	.1	57	33	15	7.82	188	5	ND	1	36	1	23	2	5	.01	.003	3	14	.02	31	.01	13	.41	.01	.20	1	49
C 97926	28	141	5	18	.1	43	23	21	5.80	117	5	ND	1	51	1	39	2	6	.01	.007	4	16	.02	50	.01	12	.53	.01	.27	4	57
C 97927	110	289	7	22	.1	40	30	19	5.41	171	5	ND	1	42	1	67	2	5	.01	.006	3	12	.02	54	.01	11	.46	.01	.23	1	93
C 97928	163	540	12	28	.1	51	46	15	9.89	805	5	ND	1	108	3	76	2	5	.01	.012	3	13	.01	33	.01	15	.43	.01	.19	2	143
C 97929	159	2440	7	31	.1	45	19	13	5.11	734	5	ND	1	94	1	909	13	7	.01	.009	4	20	.03	62	.01	14	.54	.01	.27	6	240
C 97930	42	1519	2	29	.1	82	33	7	5.60	387	5	ND	2	33	1	958	2	10	.01	.009	5	13	.02	64	.01	11	.63	.01	.28	1	128
C 97931	20	1507	5	38	.1	89	66	5	7.82	642	5	ND	2	82	1	860	2	9	.02	.023	5	16	.03	65	.01	15	.66	.01	.31	1	156
C 97932	43	1560	4	36	.1	49	20	17	3.44	430	5	ND	1	71	1	1176	2	6	.01	.012	3	15	.03	72	.01	18	.55	.01	.26	1	940
C 97933	80	1563	10	50	.5	32	19	16	3.11	367	5	ND	1	27	1	1061	2	5	.01	.006	3	14	.02	76	.01	14	.50	.01	.25	1	230
C 97934	72	1411	10	36	.1	41	37	18	5.84	485	5	ND	1	37	1	801	2	8	.01	.006	3	13	.03	82	.01	19	.58	.01	.29	1	210
C 97935	21	1262	11	32	.1	8	26	2	4.92	764	5	ND	2	92	1	366	2	9	.01	.011	3	5	.02	60	.01	24	.76	.02	.19	1	155
C 97936	20	1145	10	31	.1	15	37	6	14.99	1133	5	ND	3	36	1	237	3	6	.01	.008	4	1	.01	32	.01	19	.54	.02	.18	1	121
C 97937	65	142	10	12	.4	22	24	15	5.85	69	5	ND	1	18	1	32	2	6	.01	.006	3	10	.02	50	.01	16	.53	.02	.26	3	162
STD C/AU-R	19	61	42	133	7.0	67	30	1028	4.01	42	18	7	39	50	22	19	21	61	.49	.097	40	56	.98	176	.07	35	2.01	.06	.13	12	480

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97938	40	553	5	26	.3	40	27	19	3.54	140	5	ND	1	6	1	234	2	2	.01	.003	2	5	.01	30	.01	7	.20	.01	.12	1	91
C 97939	62	414	2	23	.2	38	23	18	3.92	104	5	ND	1	25	1	204	2	2	.01	.005	2	8	.01	30	.01	6	.19	.01	.11	1	112
C 97940	110	2132	3	46	.2	53	25	8	4.01	533	5	ND	1	16	1	686	3	3	.01	.003	3	7	.01	22	.01	11	.24	.01	.12	6	210
C 97941	150	675	11	55	.2	38	49	15	6.82	395	5	ND	1	28	1	349	2	2	.01	.007	2	9	.01	16	.01	7	.18	.01	.10	1	220
C 97942	85	402	7	29	.1	39	21	12	4.67	131	5	ND	1	29	1	67	2	2	.01	.006	2	5	.01	26	.01	6	.17	.01	.10	1	112
C 97943	82	121	2	11	.1	29	21	18	4.26	63	5	ND	1	19	1	22	2	2	.01	.003	2	10	.01	26	.01	6	.20	.01	.12	1	73
C 97944	53	230	4	16	.1	24	24	16	4.01	92	5	ND	1	13	1	41	2	2	.01	.002	2	5	.01	29	.01	7	.23	.01	.12	1	61
C 97945	27	410	5	39	.1	15	21	9	3.79	129	5	ND	1	55	1	108	2	2	.01	.007	2	6	.01	36	.01	12	.21	.01	.12	1	72
C 97946	66	1569	10	31	.3	5	28	4	3.52	527	5	ND	2	19	1	326	2	2	.01	.005	2	2	.01	27	.01	14	.33	.01	.13	1	157
C 97947	95	832	3	27	.2	9	19	6	3.60	303	5	ND	1	29	1	122	2	1	.02	.009	2	5	.01	29	.01	12	.19	.01	.09	1	86
C 97948	187	1547	14	36	.7	3	30	14	5.95	600	5	ND	2	32	1	315	2	2	.01	.009	3	4	.02	14	.01	14	.29	.01	.13	1	143
C 97949	109	1383	6	17	.4	6	29	6	3.76	564	5	ND	1	35	1	105	2	2	.01	.004	2	3	.02	35	.01	16	.35	.01	.14	1	152
C 97950	91	1566	2	24	.3	4	24	8	2.94	576	5	ND	1	46	1	106	2	2	.01	.006	2	1	.01	50	.01	15	.40	.01	.13	1	158
C 97951	108	1508	10	32	1.0	7	25	10	4.90	611	5	ND	2	39	1	139	2	2	.02	.009	2	3	.01	20	.01	17	.31	.01	.12	1	230
C 97952	55	1114	5	17	.2	2	23	7	3.18	469	5	ND	2	54	1	51	2	2	.01	.005	2	2	.01	42	.01	16	.41	.02	.13	1	106
C 97953	189	1556	6	28	.3	7	27	11	3.60	701	5	ND	3	34	1	25	2	2	.01	.004	2	3	.02	36	.01	15	.47	.02	.15	1	125
C 97954	139	1285	12	36	.2	3	27	12	4.16	616	5	ND	3	30	1	15	2	3	.01	.003	2	2	.02	31	.01	11	.43	.02	.13	1	122
C 97955	62	1359	14	125	1.7	3	20	13	4.49	586	5	ND	2	42	1	22	2	2	.02	.009	2	2	.02	21	.01	11	.35	.02	.14	1	440
C 97956	326	1487	4	63	.9	4	22	7	3.10	625	5	ND	4	35	1	21	2	2	.01	.004	3	2	.02	38	.01	13	.34	.02	.14	1	187
C 97957	742	1848	15	95	1.4	3	28	18	5.97	881	5	ND	2	32	1	12	2	3	.01	.006	2	4	.02	15	.01	16	.40	.02	.15	1	350
C 97958	260	3745	15	66	.9	3	13	19	2.44	1730	5	ND	1	36	1	18	2	4	.01	.002	2	2	.03	57	.01	13	.53	.01	.15	2	380
C 97959	1592	5695	25	177	1.3	7	23	17	4.81	2472	5	ND	1	58	1	94	2	3	.02	.014	2	3	.02	22	.01	11	.42	.01	.13	1	490
C 97960	346	3631	14	156	1.5	3	12	7	3.11	1609	5	ND	1	58	2	105	2	3	.01	.007	2	1	.03	43	.01	16	.44	.01	.16	5	370
C 97961	415	1913	6	86	1.4	4	19	14	4.19	747	5	ND	1	35	1	78	2	3	.01	.005	2	3	.04	26	.01	16	.42	.01	.18	1	210
C 97962	262	3619	16	145	1.3	4	20	10	7.67	702	5	ND	2	44	1	68	2	2	.02	.010	4	4	.02	10	.01	13	.30	.02	.15	1	520
C 97963	750	3782	22	209	1.6	5	18	13	5.34	1515	5	ND	1	39	1	114	2	3	.01	.004	3	3	.03	26	.01	15	.36	.01	.17	5	340
C 97964	167	2629	16	121	.3	3	21	13	8.20	945	5	ND	2	29	1	113	2	3	.01	.006	3	3	.02	8	.01	11	.24	.01	.11	5	320
C 97965	315	1804	14	209	.7	4	26	18	5.70	706	5	ND	1	25	1	82	2	3	.01	.005	2	3	.02	16	.01	12	.26	.01	.13	1	230
C 97966	160	2303	28	187	.9	3	10	17	4.53	1014	5	ND	2	78	1	97	3	6	.03	.015	3	2	.07	24	.01	14	.50	.02	.19	8	250
C 97967	153	3432	30	198	.9	4	10	44	4.27	1373	5	ND	1	51	1	59	2	16	.02	.010	2	2	.07	24	.01	11	.56	.01	.14	3	380
C 97968	321	3864	26	116	.8	3	14	73	4.25	1618	5	ND	2	68	2	21	2	10	.01	.009	3	2	.08	34	.01	10	.66	.02	.19	2	410
C 97969	77	2911	13	91	.6	5	21	29	5.11	1241	5	ND	1	53	1	13	2	6	.03	.013	3	2	.07	30	.01	14	.54	.02	.20	5	280
C 97970	47	2367	14	62	.6	3	6	47	2.57	1029	5	ND	2	78	1	4	2	13	.03	.011	2	1	.07	58	.01	10	.64	.01	.15	5	300
C 97971	38	3563	12	86	.7	5	15	55	4.78	1505	5	ND	2	66	1	14	2	9	.05	.025	3	3	.08	26	.01	10	.57	.02	.20	2	460
C 97972	22	3545	14	54	.5	4	12	34	4.36	1469	5	ND	2	60	1	33	2	5	.03	.015	3	2	.06	31	.01	13	.46	.02	.19	2	370
C 97973	30	4001	11	98	.7	10	16	35	3.75	1728	5	ND	1	56	1	27	2	5	.03	.015	3	4	.07	39	.01	21	.55	.02	.22	1	680
STD C/AU-R	16	63	39	133	7.0	70	31	1029	4.17	36	18	7	40	51	20	14	18	61	.48	.055	41	56	.96	181	.07	36	2.00	.06	.13	13	515

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
C 97974	36	3559	15	97	.5	5	12	20	3.37	1187	5	ND	1	55	1	7	5	4	.03	.010	2	4	.06	28	.01	11	.49	.01	.21	5	330
C 97975	15	2796	10	68	.5	4	13	26	2.58	1249	5	ND	1	59	1	6	4	6	.02	.010	2	2	.05	38	.01	9	.51	.01	.16	5	380
C 97976	15	3518	17	144	1.0	4	13	29	3.25	1628	5	ND	1	49	1	5	3	4	.01	.008	2	3	.04	22	.01	9	.39	.01	.15	5	510
C 97977	26	3255	14	134	.7	1	16	31	2.75	1575	5	ND	1	92	1	4	2	6	.03	.015	2	2	.06	46	.01	8	.52	.02	.17	3	360
C 97978	20	2733	22	195	1.5	8	11	39	3.29	1259	5	ND	2	76	1	4	2	5	.06	.025	2	3	.04	35	.01	6	.32	.02	.13	7	310
C 97979	11	2027	20	76	.6	5	6	43	3.44	982	5	ND	1	63	1	4	3	4	.04	.015	2	2	.03	35	.01	10	.40	.02	.17	6	280
C 97980	19	3134	9	141	.8	10	13	34	3.50	1382	5	ND	1	49	1	4	2	4	.03	.011	2	6	.05	29	.01	10	.37	.01	.19	5	430
C 97981	11	1934	17	60	.6	5	3	179	2.61	774	5	ND	2	134	1	3	10	13	.08	.033	4	2	.09	57	.01	12	.57	.02	.16	8	230
C 97982	10	2024	8	103	.9	4	5	950	4.59	554	5	ND	2	154	1	7	2	21	.20	.072	7	5	.12	53	.01	13	.60	.02	.14	7	260
C 97983	14	2058	7	56	.6	6	3	354	2.64	342	5	ND	2	167	1	6	3	12	.16	.058	5	2	.09	89	.01	15	.57	.02	.19	7	280
C 97984	11	2377	4	148	.5	2	8	1151	5.83	705	5	ND	2	164	1	8	2	24	.19	.064	6	5	.17	86	.01	12	.55	.02	.17	7	330
C 97985	113	3428	22	75	1.4	7	10	89	3.03	1252	5	ND	1	107	1	3	2	5	.07	.029	3	3	.05	28	.01	12	.45	.02	.17	2	480
C 97986	16	3513	8	111	.8	9	11	374	5.43	1511	5	ND	1	145	1	3	2	15	.10	.044	4	5	.11	40	.01	13	.57	.02	.19	3	610
C 97987	40	3276	17	203	.9	1	9	833	5.03	1342	38	ND	3	161	1	2	2	19	.16	.055	6	4	.12	42	.01	16	.50	.02	.16	7	550
C 97988	87	3304	60	296	1.3	5	15	218	3.77	1198	5	ND	1	108	2	13	2	9	.07	.025	3	2	.06	25	.01	18	.52	.03	.18	8	420
C 97989	113	3094	13	46	1.3	7	14	220	4.04	1191	5	ND	1	91	1	18	2	7	.07	.028	3	4	.06	19	.01	17	.49	.02	.18	5	159
C 97990	61	3348	14	77	1.0	6	12	372	4.16	1017	5	ND	1	102	1	42	2	12	.05	.016	2	3	.07	29	.01	22	.46	.02	.16	4	260
C 97991	62	2166	15	155	.8	6	7	1056	6.18	581	5	ND	2	129	1	26	2	29	.11	.034	5	7	.14	46	.01	13	.50	.02	.15	10	131
C 97992	74	1843	9	161	.6	5	12	1138	5.09	458	5	ND	2	98	1	15	2	25	.09	.024	4	5	.15	164	.01	11	.47	.02	.15	1	102
C 97993	102	1902	4	172	.6	2	2	1141	5.79	512	5	ND	2	98	1	21	2	28	.10	.022	4	7	.18	152	.01	13	.47	.02	.14	18	153
C 97994	75	2122	18	110	.9	5	3	844	4.65	486	5	ND	1	106	1	17	4	18	.11	.034	4	3	.11	59	.01	11	.44	.02	.16	8	127
C 97995	44	2009	19	121	.8	9	6	822	5.30	484	5	ND	1	107	1	59	2	19	.10	.035	4	6	.11	36	.01	14	.49	.02	.17	9	177
C 97996	58	2244	19	99	1.0	8	10	391	4.15	589	5	ND	1	148	1	74	3	13	.14	.054	4	5	.08	37	.01	12	.52	.02	.16	7	230
C 97997	70	1992	13	320	1.3	8	1	1282	4.74	685	5	ND	3	87	2	65	2	19	.09	.020	6	6	.10	71	.01	12	.33	.02	.17	13	200
C 97998	7	21569	3112	4657	67.1	9	19	202	16.79	9444	5	ND	2	52	47	855	55	3	.04	.018	3	1	.03	1	.01	5	.23	.02	.12	58	2930
C 97999	45	1516	32	196	1.4	7	12	586	4.33	541	5	ND	2	92	1	45	2	6	.09	.029	5	5	.05	18	.01	7	.32	.03	.16	1	171
C 98000	62	1548	17	85	.7	8	11	683	3.15	536	5	ND	1	106	1	17	2	16	.05	.017	2	4	.08	99	.01	8	.50	.02	.12	1	164
STD C/AU-R	19	60	43	135	7.2	71	31	1055	4.03	42	24	7	40	51	20	15	20	61	.50	.098	42	57	.92	183	.07	40	2.04	.06	.13	13	515

APPENDIX III

1989 Assays(Au by Fire Assay)

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

BONDAR-CLEGG

Certificate of Analysis

REPORT: V89-01505.4 (COMPLETE)

REFERENCE INFO:

CLIENT: CORONA CORPORATION
PROJECT: 1013

SUBMITTED BY: D. JOHNSON
DATE PRINTED: 12-APR-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	79	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
X OTHER	79	2 -150	79	PULVERIZING	39
				SAMPLE SPLIT	39
				COMPOSITE CHARGE	39

REPORT COPIES TO: MR. DARRYL JOHNSON

INVOICE TO: MR. DARRYL JOHNSON

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

BONDAR-CLEGG

Certificate of Analysis

REPORT: V89-01505.4

PROJECT: 1013 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
X2 97739		0.017	X2 COMP 97739-97743		0.013
X2 97740		0.013	X2 COMP 97739-97743		0.011
X2 97741		0.015	X2 COMP 97739-97743		0.013
X2 97742		0.013	X2 COMP 97739-97743		0.013
X2 97743		0.009	X2 COMP 97744-97747		0.011
X2 97744		0.010	X2 COMP 97744-97747		0.011
X2 97745		0.012	X2 COMP 97744-97747		0.011
X2 97746		0.016	X2 COMP 97744-97747		0.013
X2 97747		0.008	X2 COMP 97744-97747		0.011
X2 97788		0.008	X2 COMP 97788-97792		0.011
X2 97789		0.010	X2 COMP 97788-97792		0.010
X2 97790		0.013	X2 COMP 97788-97792		0.011
X2 97791		0.013	X2 COMP 97788-97792		0.010
X2 97792		0.013	X2 COMP 97788-97792		0.010
X2 97793		0.009	X2 COMP 97793-97797		0.014
X2 97794		0.014	X2 COMP 97793-97797		0.013
X2 97795		0.011	X2 COMP 97793-97797		0.012
X2 97796		0.016	X2 COMP 97793-97797		0.014
X2 97797		0.014	X2 COMP 97793-97797		0.014
X2 97798		0.014	X2 COMP 97798-97802		0.012
X2 97799		0.013	X2 COMP 97798-97802		0.013
X2 97800		0.013	X2 COMP 97798-97802		0.012
X2 97801		0.007	X2 COMP 97798-97802		0.011
X2 97802		0.013	X2 COMP 97798-97802		0.011
X2 97966		0.009	X2 COMP 97966-97970		0.011
X2 97967		0.011	X2 COMP 97966-97970		0.011
X2 97968		0.014	X2 COMP 97966-97970		0.010
X2 97969		0.009	X2 COMP 97966-97970		0.011
X2 97970		0.009	X2 COMP 97966-97970		0.010
X2 97971		0.016	X2 COMP 97971-97975		0.013
X2 97972		0.012	X2 COMP 97971-97975		0.013
X2 97973		0.011	X2 COMP 97971-97975		0.013
X2 97974		0.010	X2 COMP 97971-97975		0.013
X2 97975		0.014	X2 COMP 97971-97975		0.012
X2 97976		0.011	X2 COMP 97976-97980		0.010
X2 97977		0.010	X2 COMP 97976-97980		0.009
X2 97978		0.009	X2 COMP 97976-97980		0.012
X2 97979		0.008	X2 COMP 97976-97980		0.012
X2 97980		0.016	X2 COMP 97976-97980		0.012
X2 COMP 97739-97743		0.013			

Registered Assayer, Province of British Columbia

APPENDIX IV

1989 Assay and Interval Summary

LOUISE LAKE 1989 DRILL PROGRAM — CORONA CORP.

HOLE= DDH-89-18 AZIMUTH=189 DIP=-60 LENGTH=121.0m

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*	Au(oz/t)&
C 97701	3.7	5.8	2.1	2504	0.25	189	0.006	
C 97702	5.8	7.1	1.3	814	0.08	124	0.004	
C 97703	7.1	8.1	1.0	1388	0.14	200	0.006	
C 97704	8.1	11.1	3.0	3395	0.34	260	0.008	
C 97705	11.1	13.1	2.0	2648	0.26	280	0.008	
C 97706	13.1	16.1	3.0	2614	0.26	210	0.006	
C 97707	16.1	19.1	3.0	1815	0.18	230	0.007	
C 97708	19.1	22.1	3.0	1950	0.20	210	0.006	
C 97709	22.1	25.1	3.0	2291	0.23	260	0.008	
C 97710	25.1	28.1	3.0	2239	0.22	270	0.008	
C 97711	28.1	29.9	1.8	1087	0.11	117	0.003	
C 97712	29.9	34.6	4.7	1309	0.13	610	0.018	
C 97713	34.6	35.4	0.8	1977	0.20	220	0.006	
C 97714	35.4	37.3	1.9	1898	0.19	300	0.009	
C 97715	37.3	39.1	1.8	1922	0.19	270	0.008	
C 97716	39.1	40.1	1.0	3601	0.36	360	0.011	
C 97717	40.1	41.8	1.7	2001	0.20	175	0.005	
C 97718	41.8	42.5	0.7	1331	0.13	118	0.003	
C 97719	42.5	44.8	2.3	1306	0.13	86	0.003	
C 97720	44.8	45.7	0.9	1899	0.19	157	0.005	
C 97721	45.7	48.7	3.0	2574	0.26	260	0.008	
C 97722	48.7	51.7	3.0	1993	0.20	159	0.005	
C 97723	51.7	54.7	3.0	2058	0.21	159	0.005	
C 97724	54.7	57.7	3.0	1277	0.13	105	0.003	
C 97725	57.7	60.7	3.0	1764	0.18	117	0.003	
C 97726	60.7	63.7	3.0	2571	0.26	250	0.007	
C 97727	63.7	64.3	0.6	5251	0.53	530	0.015	
C 97728	64.3	67.3	3.0	5218	0.52	550	0.016	
C 97729	67.3	70.3	3.0	3054	0.31	380	0.011	
C 97730	70.3	72.0	1.7	3553	0.36	400	0.012	
C 97731	72.0	75.8	3.8	1484	0.15	169	0.005	
C 97732	75.8	76.6	0.8	889	0.09	115	0.003	
C 97733	76.6	79.6	3.0	484	0.05	59	0.002	
C 97734	79.6	82.6	3.0	2963	0.30	153	0.004	
C 97735	82.6	85.6	3.0	1184	0.12	109	0.003	
C 97736	85.6	88.6	3.0	507	0.05	50	0.001	
C 97737	88.6	91.6	3.0	746	0.07	68	0.002	
C 97738	91.6	94.6	3.0	978	0.10	95	0.003	
C 97739	94.6	97.6	3.0	4713	0.47	480	0.014	0.017
C 97740	97.6	100.6	3.0	3891	0.39	370	0.011	0.013
C 97741	100.6	103.6	3.0	5441	0.54	610	0.018	0.015
C 97742	103.6	106.6	3.0	3856	0.39	400	0.012	0.013
C 97743	106.6	109.6	3.0	3251	0.33	260	0.008	0.009
C 97744	109.6	112.6	3.0	3587	0.36	410	0.012	0.010
C 97745	112.6	115.6	3.0	3909	0.39	430	0.013	0.012
C 97746	115.6	118.6	3.0	5150	0.52	450	0.013	0.016
C 97747	118.6	121.0	2.4	2991	0.30	240	0.007	0.008

* determined by conversion factor of 1(ppb)/34280(oz/t)

& determined by 1 ton fire assay

AVERAGES DDH-89-18 (conversion factor)

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*	Au(oz/t)&
	3.7	121.0	117.3		0.25	265	0.008	
	INCLUDES							
	3.7	5.8	2.1		0.25	189	0.006	
	8.1	16.1	8.0		0.29	246	0.007	
	22.1	28.1	6.0		0.23	265	0.008	
	39.1	41.8	2.7		0.26	244	0.007	
	45.7	48.7	3.0		0.26	260	0.008	
	51.7	54.7	3.0		0.21	159	0.005	
	60.7	72.0	11.3		0.37	402	0.012	
	79.6	82.6	3.0		0.30	153	0.004	
	94.6	121.0	26.4		0.41	409	0.012	

Determinations by 5 ton fire assay

FROM	TO	INTERVAL	Au(oz/t)
94.6	109.6	15.0	0.013
109.6	121	11.4	0.011

LOUISE LAKE FEBRUARY 1989 DRILL PROGRAM CORONA CORP.
HOLE= DDH-89-19 AZIMUTH=189 DIP=-60 LENGTH=182.0m

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*	Au(oz/t)&
97748	3.7	6.7	3.0	2436	0.24	210	0.006	
97749	6.7	9.7	3.0	2011	0.20	155	0.005	
97750	9.7	12.7	3.0	938	0.09	148	0.004	
97751	12.7	15.7	3.0	1043	0.10	136	0.004	
97752	15.7	18.7	3.0	1121	0.11	97	0.003	
97753	18.7	21.7	3.0	517	0.05	162	0.005	
97754	21.7	25.4	3.7	1079	0.11	160	0.005	
97755	25.4	28.4	3.0	1893	0.19	193	0.006	
97756	28.4	31.4	3.0	1412	0.14	156	0.005	
97757	31.4	34.4	3.0	2082	0.21	168	0.005	
97758	34.4	37.4	3.0	1874	0.19	193	0.006	
97759	37.4	40.4	3.0	1219	0.12	139	0.004	
97760	40.4	44.8	4.4	3102	0.31	300	0.009	
97761	44.8	46.6	1.8	2224	0.22	310	0.009	
97762	46.6	49.6	3.0	2479	0.25	460	0.013	
97763	49.6	52.6	3.0	3483	0.35	460	0.013	
97764	52.6	55.6	3.0	4753	0.48	580	0.017	
97765	55.6	58.6	3.0	5509	0.55	605	0.018	
97766	58.6	61.6	3.0	3557	0.36	505	0.015	
97767	61.6	64.6	3.0	3502	0.35	385	0.011	
97768	64.6	67.7	3.1	2400	0.24	295	0.009	
97769	67.7	70.7	3.0	1547	0.15	93	0.003	
97770	70.7	73.7	3.0	1259	0.13	108	0.003	
97771	73.7	76.7	3.0	948	0.09	37	0.001	
97772	76.7	79.7	3.0	1464	0.15	180	0.005	
97773	79.7	81.4	1.7	2026	0.20	182	0.005	
97774	81.4	84.4	3.0	1402	0.14	198	0.006	
97775	84.4	87.4	3.0	2021	0.20	250	0.007	
97776	87.4	90.4	3.0	1953	0.20	205	0.006	
97777	90.4	93.4	3.0	2089	0.21	250	0.007	
97778	93.4	96.4	3.0	1975	0.20	245	0.007	
97779	96.4	101.3	4.9	1919	0.19	220	0.006	
97780	101.3	103.8	2.5	1552	0.16	175	0.005	
97781	103.8	106.8	3.0	2271	0.23	235	0.007	
97782	106.8	109.8	3.0	2602	0.26	225	0.007	
97783	109.8	112.8	3.0	1481	0.15	148	0.004	
97784	112.8	115.1	2.3	1376	0.14	52	0.002	
97785	115.1	118.1	3.0	1402	0.14	79	0.002	
97786	118.1	121.1	3.0	1759	0.18	132	0.004	
97787	121.1	124.1	3.0	2003	0.20	91	0.003	
97788	124.1	127.1	3.0	3030	0.30	315	0.009	0.008
97789	127.1	130.1	3.0	2901	0.29	285	0.008	0.010
97790	130.1	133.1	3.0	3548	0.35	360	0.011	0.013
97791	133.1	136.1	3.0	3951	0.40	420	0.012	0.013
97792	136.1	139.1	3.0	4059	0.41	350	0.010	0.013
97793	139.1	143.0	3.9	3399	0.34	320	0.009	0.009
97794	143.0	146.0	3.0	3829	0.38	465	0.014	0.014
97795	146.0	149.0	3.0	3858	0.39	495	0.014	0.011
97796	149.0	151.5	2.5	4228	0.42	580	0.017	0.016
97797	151.5	154.5	3.0	3968	0.40	505	0.015	0.014
97798	154.5	157.5	3.0	3558	0.36	480	0.014	0.014
97799	157.5	160.5	3.0	3795	0.38	420	0.012	0.013

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*	Au(oz/t)&
97800	160.5	163.5	3.0	3629	0.36	480	0.014	0.013
97801	163.5	165.6	2.1	1797	0.18	265	0.008	0.007
97802	165.6	167.8	2.2	3588	0.36	390	0.011	0.013
97803	167.8	170.8	3.0	2037	0.20	121	0.004	
97804	170.8	173.8	3.0	268	0.03	20	0.001	
97805	173.8	176.6	2.8	387	0.04	44	0.001	
97806	176.6	179.6	3.0	2865	0.29	410	0.012	
97807	179.6	182.0	2.4	3007	0.30	245	0.007	

* determined by conversion factor of 1(ppb)/34280(oz/t)
& determined by 1 ton fire assay

AVERAGES DDH-89-19

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*
	3.7	182	178.3		0.24	265	0.008
	INCLUDES						
	3.7	9.7	6.0		0.22	183	0.005
	31.4	34.4	3.0		0.21	168	0.005
	40.4	67.7	27.3		0.35	431	0.013
	79.7	81.4	1.7		0.20	182	0.005
	84.4	87.4	3.0		0.20	250	0.007
	90.4	93.4	3.0		0.21	250	0.007
	103.8	109.8	6.0		0.24	230	0.007
	121.1	170.8	49.7		0.34	372	0.011
	176.6	182	5.4		0.29	337	0.010

Determinations by 5 ton fire assay

FROM	TO	INTERVAL	Au(oz/t)
124.1	139.1	15.0	0.010
139.1	154.5	15.4	0.013

LOUISE LAKE FEBRUARY 1989 DRILL PROGRAM CORONA CORP.
HOLE= DDH-89-20 AZIMUTH=189 DIP=-60 LENGTH=121.0m

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*	Au(oz/t)&
97808	3.7	8.0	4.3	899	0.09	93	0.003	
97809	8.0	11.0	3.0	1000	0.10	133	0.004	
97810	11.0	14.3	3.3	1289	0.13	111	0.003	
97811	14.3	17.3	3.0	115	0.01	36	0.001	
97812	17.3	20.4	3.1	507	0.05	33	0.001	
97813	20.4	23.4	3.0	1006	0.10	130	0.004	
97814	23.4	26.4	3.0	1159	0.12	215	0.006	
97815	26.4	30.2	3.8	862	0.09	24	0.001	
97816	30.2	33.2	3.0	1479	0.15	245	0.007	
97817	33.2	35.3	2.1	2253	0.23	285	0.008	
97818	35.3	37.3	2.0	2456	0.25	305	0.009	
97819	37.3	40.3	3.0	2153	0.22	360	0.011	
97820	40.3	43.3	3.0	2462	0.25	325	0.009	
97821	43.3	46.3	3.0	2293	0.23	245	0.007	
97822	46.3	48.2	1.9	2955	0.30	385	0.011	
97823	48.2	48.9	0.7	3675	0.37	490	0.014	
97824	48.9	51.9	3.0	3212	0.32	480	0.014	
97825	51.9	53.0	1.1	2245	0.22	320	0.009	
97826	53.0	55.9	2.9	2641	0.26	385	0.011	
97827	55.9	57.4	1.5	540	0.05	71	0.002	
97828	57.4	59.4	2.0	947	0.09	15	0.000	
97829	59.4	62.4	3.0	1095	0.11	83	0.002	
97830	62.4	65.3	2.9	1787	0.18	212	0.006	
97831	65.3	68.3	3.0	1705	0.17	152	0.004	
97832	68.3	71.3	3.0	1804	0.18	146	0.004	
97833	71.3	74.1	2.8	1441	0.14	145	0.004	
97834	74.1	77.1	3.0	1735	0.17	164	0.005	
97835	77.1	80.1	3.0	2670	0.27	187	0.005	
97836	80.1	83.1	3.0	2355	0.24	210	0.006	
97837	83.1	86.1	3.0	1525	0.15	134	0.004	
97838	86.1	89.1	3.0	582	0.06	840	0.025	
97839	89.1	91.1	2.0	1114	0.11	73	0.002	
97840	91.1	91.8	0.7	1538	0.15	60	0.002	
97841	91.8	94.1	2.3	1330	0.13	133	0.004	
97842	94.1	95.6	1.5	2236	0.22	141	0.004	
97843	95.6	97.6	2.0	1333	0.13	117	0.003	
97844	97.6	99.9	2.3	1693	0.17	116	0.003	
97845	99.9	101.7	1.8	1719	0.17	110	0.003	
97846	101.7	102.4	0.7	2067	0.21	116	0.003	
97847	102.4	105.4	3.0	2162	0.22	106	0.003	
97848	105.4	108.7	3.3	2378	0.24	157	0.005	
97849	108.7	110.9	2.2	1622	0.16	146	0.004	
97850	110.9	113.9	3.0	1447	0.14	107	0.003	
97851	113.9	116.2	2.3	1618	0.16	121	0.004	
97852	116.2	118.6	2.4	2671	0.27	159	0.005	
97853	118.6	121.0	2.4	1991	0.20	150	0.004	

AVERAGES DDH-89-20

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*
	4.3	121.0	116.7		0.17	189	0.006
	includes						
	33.2	55.9	22.7		0.26	352	0.010
	77.1	83.1	6.0		0.25	199	0.006
	94.1	95.6	1.5		0.22	141	0.004
	101.7	108.7	7.0		0.23	131	0.004
	116.2	118.6	2.4		0.27	159	0.005

LOUISE LAKE JANUARY 1989 DRILL PROGRAM CORONA CORP.
HOLE= DDH-89-21 AZIMUTH=189 DIP=-60 LENGTH=185.0m

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*	Au(oz/t)&
97854	12.8	13.9	1.1	511	0.05	73	0.002	
97855	13.9	16.9	3.0	159	0.02	26	0.001	
97856	16.9	19.9	3.0	79	0.01	39	0.001	
97857	19.9	22.9	3.0	135	0.01	28	0.001	
97858	22.9	26.0	3.1	458	0.05	46	0.001	
97859	26.0	29.0	3.0	95	0.01	17	0.000	
97860	29.0	32.0	3.0	120	0.01	51	0.001	
97861	32.0	35.0	3.0	108	0.01	36	0.001	
97862	35.0	37.1	2.1	487	0.05	80	0.002	
97863	37.1	39.3	2.2	351	0.04	81	0.002	
97864	39.3	42.7	3.4	225	0.02	32	0.001	
97865	42.7	45.7	3.0	326	0.03	39	0.001	
97866	45.7	48.2	2.5	186	0.02	43	0.001	
97867	48.2	50.1	1.9	564	0.06	64	0.002	
97868	50.1	50.7	0.6	969	0.10	154	0.004	
97869	50.7	53.7	3.0	715	0.07	85	0.002	
97870	53.7	56.7	3.0	445	0.04	76	0.002	
97871	56.7	59.7	3.0	1003	0.10	108	0.003	
97872	59.7	62.7	3.0	776	0.08	150	0.004	
97873	62.7	63.6	0.9	1079	0.11	122	0.004	
97874	63.6	66.6	3.0	1582	0.16	240	0.007	
97875	66.6	69.6	3.0	1557	0.16	210	0.006	
97876	69.6	72.6	3.0	1147	0.11	157	0.005	
97877	72.6	75.6	3.0	1579	0.16	119	0.003	
97878	75.6	78.6	3.0	1095	0.11	240	0.007	
97879	78.6	81.8	3.2	3313	0.33	290	0.008	
97880	81.8	83.8	2.0	1460	0.15	109	0.003	
97881	83.8	86.8	3.0	1888	0.19	280	0.008	
97882	86.8	89.6	2.8	1998	0.20	210	0.006	
97883	89.6	92.3	2.7	3205	0.32	380	0.011	
97884	92.3	95.4	3.1	1936	0.19	260	0.008	
97885	95.4	97.0	1.6	4353	0.44	620	0.018	
97886	97.0	98.5	1.5	3226	0.32	390	0.011	
97887	98.5	101.5	3.0	2662	0.27	350	0.010	
97888	101.5	103.5	2.0	3246	0.32	410	0.012	
97889	103.5	106.5	3.0	3589	0.36	390	0.011	
97890	106.5	109.5	3.0	2503	0.25	400	0.012	
97891	109.5	112.5	3.0	945	0.09	250	0.007	
97892	112.5	115.5	3.0	2158	0.22	460	0.013	
97893	115.5	118.5	3.0	2485	0.25	280	0.008	
97894	118.5	121.7	3.2	1836	0.18	220	0.006	
97895	121.7	124.9	3.2	1243	0.12	138	0.004	
97896	124.9	125.6	0.7	2856	0.29	250	0.007	
97897	125.6	128.4	2.8	2516	0.25	270	0.008	
97898	128.4	130.6	2.2	2990	0.30	350	0.010	
97899	130.6	131.9	1.3	1485	0.15	158	0.005	
97900	131.9	134.2	2.3	2879	0.29	320	0.009	
97901	134.2	136.0	1.8	2170	0.22	240	0.007	
97902	136.0	136.9	0.9	1532	0.15	136	0.004	
97903	136.9	138.4	1.5	1174	0.12	77	0.002	
97904	138.4	139.3	0.9	1755	0.18	118	0.003	

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*	Au(oz/t)&
97905	139.3	141.2	1.9	1345	0.13	87	0.003	
97906	141.2	143.1	1.9	1137	0.11	77	0.002	
97907	143.1	143.9	0.8	2438	0.24	210	0.006	
97908	143.9	146.9	3.0	1857	0.19	200	0.006	
97909	146.9	149.2	2.3	1746	0.17	220	0.006	
97910	149.2	151.2	2.0	2352	0.24	158	0.005	
97911	151.2	154.2	3.0	1809	0.18	128	0.004	
97912	154.2	157.2	3.0	1210	0.12	77	0.002	
97913	157.2	160.2	3.0	1261	0.13	81	0.002	
97914	160.2	163.2	3.0	1174	0.12	62	0.002	
97915	163.2	166.2	3.0	829	0.08	52	0.002	
97916	166.2	169.2	3.0	1259	0.13	88	0.003	
97917	169.2	172.2	3.0	711	0.07	50	0.001	
97918	172.2	175.2	3.0	1104	0.11	74	0.002	
97919	175.2	178.2	3.0	1336	0.13	71	0.002	
97920	178.2	180.4	2.2	1256	0.13	97	0.003	
97921	180.4	182.7	2.3	1076	0.11	77	0.002	
97922	182.7	185.0	2.3	1576	0.16	106	0.003	

* determined by conversion factor of 1(ppb)/34280(oz/t)
& determined by 1 ton fire assay

AVERAGES DDH-89-21

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*
	12.8	185.0	172.2		0.14	164	0.005
	includes						
	78.6	81.8	3.2		0.33	290	0.008
	89.6	92.3	2.7		0.32	380	0.011
	95.4	109.5	14.1		0.32	413	0.012
	112.5	118.5	6.0		0.23	370	0.011
	124.9	130.6	5.7		0.27	298	0.009
	131.9	136.0	4.1		0.26	285	0.008
	143.1	143.9	0.8		0.24	210	0.006
	149.2	151.2	2.0		0.24	158	0.005

LOUISE LAKE FEBRUARY 1989 DRILL PROGRAM CORONA CORP.

HOLE= DDH-89-22 AZIMUTH=189 DIP=-60 LENGTH=306.9m

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*	Au(oz/t)&
97923	9.1	11.6	2.5	137	0.01	38	0.001	
97924	11.6	14.2	2.6	142	0.01	37	0.001	
97925	14.2	17.1	2.9	162	0.02	49	0.001	
97926	17.1	20.1	3.0	141	0.01	57	0.002	
97927	20.1	23.1	3.0	289	0.03	93	0.003	
97928	23.1	25.7	2.6	540	0.05	143	0.004	
97929	25.7	28.3	2.6	2440	0.24	240	0.007	
97930	28.3	31.3	3.0	1519	0.15	128	0.004	
97931	31.3	34.3	3.0	1507	0.15	156	0.005	
97932	34.3	36.5	2.2	1560	0.16	940	0.027	
97933	36.5	38.7	2.2	1563	0.16	230	0.007	
97934	38.7	41.0	2.3	1411	0.14	210	0.006	
97935	41.0	42.7	1.7	1262	0.13	155	0.005	
97936	42.7	44.5	1.8	1145	0.11	121	0.004	
97937	44.5	47.5	3.0	142	0.01	162	0.005	
97938	47.5	49.8	2.3	553	0.06	81	0.002	
97939	49.8	52.1	2.3	414	0.04	112	0.003	
97940	52.1	54.0	1.9	2132	0.21	210	0.006	
97941	54.0	57.0	3.0	876	0.09	220	0.006	
97942	57.0	60.0	3.0	402	0.04	112	0.003	
97943	60.0	62.0	2.0	121	0.01	73	0.002	
97944	62.0	64.0	2.0	230	0.02	61	0.002	
97945	64.0	65.7	1.7	410	0.04	72	0.002	
97946	65.7	67.4	1.7	1589	0.16	157	0.005	
97947	67.4	69.4	2.0	882	0.09	88	0.003	
97948	69.4	71.4	2.0	1547	0.15	143	0.004	
97949	71.4	74.1	2.7	1388	0.14	152	0.004	
97950	74.1	76.7	2.6	1566	0.16	158	0.005	
97951	76.7	78.9	2.2	1508	0.15	230	0.007	
97952	78.9	81.0	2.1	1114	0.11	106	0.003	
97953	81.0	83.0	2.0	1556	0.16	125	0.004	
97954	83.0	86.0	3.0	1286	0.13	122	0.004	
97955	86.0	88.4	2.4	1359	0.14	440	0.013	
97956	88.4	90.5	2.1	1447	0.14	187	0.005	
97957	90.5	93.5	3.0	1848	0.18	350	0.010	
97958	93.5	96.5	3.0	3745	0.37	380	0.011	
97959	96.5	99.5	3.0	5695	0.57	490	0.014	
97960	99.5	102.5	3.0	3631	0.36	370	0.011	
97961	102.5	104.5	2.0	1913	0.19	210	0.006	
97962	104.5	107.6	3.1	1619	0.16	520	0.015	
97963	107.6	110.6	3.0	3782	0.38	340	0.010	
97964	110.6	113.6	3.0	2639	0.26	320	0.009	
97965	113.6	115.7	2.1	1804	0.18	230	0.007	
97966	115.7	117.7	2.0	2302	0.23	250	0.007	0.009
97967	117.7	120.4	2.7	3432	0.34	380	0.011	0.011
97968	120.4	123.1	2.7	3864	0.39	410	0.012	0.014
97969	123.1	126.2	3.1	2911	0.29	280	0.008	0.009
97970	126.2	129.4	3.2	2367	0.24	300	0.009	0.009
97971	129.4	132.1	2.7	3583	0.36	460	0.013	0.016
97972	132.1	134.5	2.4	3545	0.35	370	0.011	0.012

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*	Au(oz/t)&
97973	134.5	137.5	3.0	4001	0.40	680	0.020	0.011
97974	137.5	140.5	3.0	2558	0.26	330	0.010	0.010
97975	140.5	143.5	3.0	2796	0.28	380	0.011	0.014
97976	143.5	146.5	3.0	3518	0.35	510	0.015	0.011
97977	146.5	149.5	3.0	3265	0.33	360	0.011	0.010
97978	149.5	152.5	3.0	2733	0.27	310	0.009	0.009
97979	152.5	155.5	3.0	2027	0.20	280	0.008	0.016
97980	155.5	157.5	2.0	3134	0.31	430	0.013	
97981	157.5	160.5	3.0	1934	0.19	230	0.007	
97982	160.5	163.5	3.0	2024	0.20	260	0.008	
97983	163.5	166.5	3.0	2058	0.21	280	0.008	
97984	166.5	168.8	2.3	2377	0.24	330	0.010	
97985	168.8	171.0	2.2	3428	0.34	480	0.014	
97986	171.0	173.0	2.0	3513	0.35	610	0.018	
97987	173.0	174.9	1.9	3276	0.33	550	0.016	
97988	174.9	176.5	1.6	3304	0.33	420	0.012	
97989	176.5	179.4	2.9	3094	0.31	159	0.005	
97990	179.4	180.6	1.2	3348	0.33	260	0.008	
97991	180.6	183.0	2.4	2166	0.22	131	0.004	
97992	183.0	185.4	2.4	1843	0.18	102	0.003	
97993	185.4	187.8	2.4	1902	0.19	153	0.004	
97994	187.8	189.5	1.7	2122	0.21	127	0.004	
97995	189.5	191.1	1.6	2009	0.20	177	0.005	
97996	191.1	193.2	2.1	2244	0.22	230	0.007	
97997	193.2	195.1	1.9	1992	0.20	200	0.006	
97998	195.1	195.5	0.4	21569	2.16	2930	0.085	
97999	195.5	198.5	3.0	1516	0.15	171	0.005	
98000	198.5	201.5	3.0	1548	0.15	164	0.005	
4751	201.5	204.1	2.6	2643	0.26	285	0.008	
4752	204.1	207.1	3.0	1930	0.19	165	0.005	
4753	207.1	209.4	2.3	1669	0.17	185	0.005	
4754	209.4	211.7	2.3	1929	0.19	180	0.005	
4755	211.7	214.1	2.4	1842	0.18	190	0.006	
4756	214.1	216.1	2.0	2971	0.30	420	0.012	
4757	216.1	219.1	3.0	2485	0.25	310	0.009	
4758	219.1	222.1	3.0	2853	0.29	205	0.006	
4759	222.1	225.1	3.0	1748	0.17	250	0.007	
4760	225.1	226.2	1.1	3550	0.36	480	0.014	
4761	226.2	227.2	1.0	4409	0.44	490	0.014	
4762	227.2	230.2	3.0	2630	0.26	345	0.010	
4763	230.2	233.2	3.0	3419	0.34	720	0.021	
4764	233.2	236.2	3.0	2617	0.26	305	0.009	
4765	236.2	239.2	3.0	1985	0.20	320	0.009	
4766	239.2	242.2	3.0	1884	0.19	190	0.006	
4767	242.2	245.2	3.0	1931	0.19	255	0.007	
4768	245.2	248.2	3.0	1850	0.19	260	0.008	
4769	248.2	251.2	3.0	1845	0.18	185	0.005	
4770	251.2	254.2	3.0	2294	0.23	230	0.007	
4771	254.2	257.2	3.0	2412	0.24	290	0.008	
4772	257.2	259.7	2.5	3450	0.35	270	0.008	
4773	259.7	261.0	1.3	2328	0.23	195	0.006	
4774	261.0	264.0	3.0	1838	0.18	210	0.006	
4775	264.0	267.0	3.0	2231	0.22	280	0.008	

Al

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*	Au(oz/t)&
4776	267.0	270.0	3.0	2151	0.22	210	0.006	
4777	270.0	273.0	3.0	2230	0.22	250	0.007	
4778	273.0	276.0	3.0	2751	0.28	380	0.011	
4779	276.0	279.0	3.0	2187	0.22	250	0.007	
4780	279.0	282.9	3.9	2475	0.25	260	0.008	
4781	282.9	285.4	2.5	992	0.10	98	0.003	
4782	285.4	287.9	2.5	1135	0.11	41	0.001	
4783	287.9	290.6	2.7	1907	0.19	230	0.007	
4784	290.6	292.9	2.3	837	0.08	22	0.001	
4785	292.9	295.3	2.4	1361	0.14	16	0.000	
4786	295.3	297.2	1.9	282	0.03	29	0.001	
4787	297.2	299.3	2.1	101	0.01	2	0.000	
4788	299.3	302.1	2.8	103	0.01	8	0.000	
4789	302.1	304.5	2.4	247	0.02	49	0.001	
4790	304.5	306.9	2.4	128	0.01	29	0.001	

* determined by conversion factor of 1(ppb)/34280(oz/t)
& determined by 1 ton fire assay

AVERAGES DDH-89-22

SAMPLE #	FROM	TO	INTERVAL	Cu(ppm)	Cu(%)	Au(ppb)	Au(oz/t)*
	9.1	306.9	297.8		0.20	251	0.007
	25.7	28.3	2.6		0.24	240	0.007
	34.3	36.5	2.2		0.16	940	0.027
	52.1	54.0	1.9		0.21	210	0.006
	86.0	110.6	24.6		0.29	377	0.011
	117.7	183.0	65.3		0.29	362	0.011
	187.8	193.2	5.4		0.21	182	0.005
	195.1	195.5	0.4		2.16	2930	0.085
	201.5	204.1	2.6		0.26	285	0.008
	214.1	222.1	8.0		0.27	298	0.009
	225.1	236.2	11.1		0.31	462	0.013
	251.2	261.0	9.8		0.26	254	0.007
	264.0	282.9	18.9		0.23	271	0.008

Determinations by 5 ton fire assay

FROM	TO	INTERVAL	Au(oz/t)
115.7	129.4	13.7	0.011
129.4	143.5	14.1	0.013
143.5	157.5	14.0	0.011

LEGEND

- TRENCH (CORONA 1988)
- DDH - 2 DRILL HOLE (CANADIAN SUPERIOR 1971)
- CREEK
- 87 SOIL SAMPLE Au PPB (CORONA 1988)
- CAT ROAD
- SWAMP
- DDH-89-21 1989 DIAMOND DRILL HOLE

Part 2 of 3
GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,971

MAP SCALE	REVISIONS	No	Date	MADE BY	DESCRIPTION
m 50 0 50 100 50 m		1			
		2			
		3			
		4			
		5			
NTS 93L/13E	DATE	DRAWN BY	CHECKED	APPROVED	
	OCT. 21, 1988	J.v.V.			

CORONA CORPORATION

OFFICE	DEPARTMENT

LOUISE LAKE PROJECT

SOILS GRID & DDH LOCATIONS

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:2500	3

S

N

1000m

900m

800m

DDH-89-18
(-60°)

Casing

Porphyritic

0.13, 0.018
4.7m.

Porphyritic

MAIN SHEAR

0.37, 0.012
11.3m.

Porphyritic

Gouge

Porphyritic

Silicified Zone

Porphyritic

0.30, 0.012
26.4m.

Gouge

121.0

Ref. Line

DDH-88-22
(-60°)

Casing

0.16, 0.027
2.2m.

Sil. Contact

Sil. Zone

Porphyritic

Porphyritic

Porphyritic

Porphyritic

0.29, 0.011
24.6m.

Gouge

Sil. Zone

Increased qtz/py veining

0.29, 0.011
65.3m.

MAIN SHEAR

2.16, 0.0855
0.4m.

Porphyritic

Brecciated

Qtz./sulphide vein

0.27, 0.009
8.0m.

Porphyritic

Brecciated

0.31, 0.0136
11.1m.

Gouge

Large Scale Stockwork

Porphyritic

Brecciated

0.28, 0.011
3.0m.

Porphyritic
Shear
Brecciated

306.9

Ref. Line

0.26, 0.010 / 22.7m. = Cu %, Au-oz/t / Length

NOTE: Cu – Au Assay Values, Converted From Geochem. Results.

LEGEND

Alteration

- Silicified Fine Grained Intrusive
- Intensely Clay Altered Intrusive
- Moderately Silicified & Clay Altered Intrusive
- Fine Grained Tuff
- Stockwork

SECTION AZIMUTH: 189°

Part 2 of 3
GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,971

MAP SCALE
m. 10 0 10 20 30m
NTS.

REVISIONS	No	Date	MADE BY	DESCRIPTION
	1			
	2			
	3			
	4			
	5			

DATE	DRAWN BY	CHECKED	APPROVED
APR./1989	m.k.		

CORONA CORPORATION

OFFICE	DEPARTMENT

LOUISE LAKE PROJECT

VERTICAL DRILL HOLE SECTION
A – A'

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:500	4

VANCAL 48754

S

N

Ref. Line

1000m

900m

800m

DDH-89-19
(-60°)

Casing

Porphyritic

0.35, 0.0126
27.3m

Sil. Contact

Sil. Contact

Brecciated
Porphyritic

Gouge

Gouge

Shear

MAIN SHEAR

0.34, 0.011
49.7m

Increased qtz./py veining

Gouge

Gouge

0.29, 0.010
5.4m

Shear Zone

Porphyritic

92.0

Brecciated

0.26, 0.010 / 22.7m. : Cu%, Au-oz/t / Length

NOTE: Cu - Au Assay Values, Converted From Geochem. Results

LEGEND

Alteration

- Silicified Fine Grained Intrusive
- Intensely Clay Altered Intrusive
- Moderately Silicified & Clay Altered Intrusive
- Fine Grained Tuff
- Stockwork

SECTION AZIMUTH: 189°

Part 2 of 3

MAP SCALE

m. 10 0 10 20 30m

NTS.

REVISIONS	No	Date	MADE BY	DESCRIPTION
	1			
	2			
	3			
	4			
	5			

DATE	DRAWN BY	CHECKED	APPROVED
APR./1989	m.k.		

CORONA CORPORATION

OFFICE	DEPARTMENT

LOUISE LAKE PROJECT

VERTICAL DRILL HOLE SECTION

B - B'

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1: 500	5

VANCAL - 18754

S

N

Ref. Line

1000m

900m

800m

DDH-89-20
(-60°)

Casing
Brecciated
Brecciated
0.26, 0.010
22.7m
Gouge
Brecciated
Some Stockwork
Brecciated
Some Stockwork
Brecciated & Sheared
Porphyritic
Gouge
Brecciated
Shear Zone
MAIN SHEAR ZONE
Porphyritic qtz stockwork
101.0

0.26, 0.010 / 22.7m = Cu%, Au-oz/t / Length

NOTE: Cu - Au Assay Values, Converted From Geochem. Results.

LEGEND

Alteration

- Silicified Fine Grained Intrusive
- Intensely Clay Altered Intrusive
- Moderately Silicified & Clay Altered Intrusive
- Fine Grained Tuff
- Stockwork

SECTION AZIMUTH: 189°

Part 2 of 3
GEOLOGICAL BRANCH
ASSESSMENT REPORT
18,971

MAP SCALE
m. 10 0 10 20 30m
NTS.

REVISIONS	No	Date	MADE BY	DESCRIPTION
	1			
	2			
	3			
	4			
	5			

DATE	DRAWN BY	CHECKED	APPROVED
APR./1989	m.k.		

CORONA CORPORATION

OFFICE	DEPARTMENT

LOUISE LAKE PROJECT
VERTICAL DRILL HOLE SECTION
C - C'

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:500	6

VANCAL - 4834

S

N

Ref. Line

1000m

900m

800m

DDH-89-21
(-60°)

Casing

Porphyritic

Brecciated

Porphyritic

Increased clay alteration

0.32, 0.011
2.7m

Porphyritic

0.32, 0.012
14.1m.

Gouge

Gouge

0.23, 0.010
6.0m.

Gouge

Gouge

Shear

Porphyritic texture

Orthoclase replacement

185.0

0.26, 0.010 / 22.7m. = Cu %, Au-oz/t / Length

NOTE: Cu - Au Assay Values, Converted From Geochem. Results.

LEGEND

Alteration

- Silicified Fine Grained Intrusive
- Intensely Clay Altered Intrusive
- Moderately Silicified & Clay Altered Intrusive
- Fine Grained Tuff
- Stockwork

SECTION AZIMUTH: 189°

Part 2 of 3
GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,971

MAP SCALE
m. 10 0 10 20 30m
NTS.

REVISIONS	No	Date	MADE BY	DESCRIPTION
	1			
	2			
	3			
	4			
	5			

DATE	DRAWN BY	CHECKED	APPROVED
APR./1989	m.k.		

CORONA CORPORATION

OFFICE	DEPARTMENT

LOUISE LAKE PROJECT
VERTICAL DRILL HOLE SECTION
D -D'

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:500	7