



**LOUISE LAKE PROPERTY**

NTS. 93L/13 E

**LOUISE LAKE PROJECT  
PROPERTY LOCATION**

**520895**  
93L-12/13

DATE: JANUARY 1989	SCALE: NO SCALE	DRAWING No. 1
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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<sup>0</sup>, Dip 45<sup>0</sup>N) defined by the 1970 Canadian Superior drill program. 1989 results indicate that the shear zone actually strikes at 070<sup>0</sup> and dips at 45<sup>0</sup> 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

<u>HOLE</u>	<u>FROM</u>	<u>TO</u>	<u>INTERVAL</u>	<u>Cu(%)</u>	<u>Au(oz/t)*</u>
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)

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## House

- Can. Soap - dilling - I.P. target + shear
- Corona - dilling.
- large I.P. anomaly.
- coincident strong Cu geochem trending N.E.
- 2 zones subparallel
- they parallel coal Ch.
- Winty road access.
- 30 km W. A smithers.

Geodes - Cu - 300 m long x 20 m wide  
Au - 200 m x 70 m.

Best hole #5 - can see

21' 2% Au + .06 Au

Host highly altered Intrusive. - Qtz gran.

## Additional Target

- 2nd I.P. target to N.E. under house blk.