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SUMMARY REPORT

on the

LOUISE LAKE PORPHYRY COPPER-GOLD PROSPECT

**Smithers Area
Omineca Mining Division
British Columbia**

**Latitude: 54°51' North
Longitude: 127°41' West
NTS: 93L/13E**

GLOBAL MINERAL AND CHEMICAL LTD.

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Introduction

Global Mineral and Chemical Ltd. holds title to the Louise Lake porphyry copper-gold prospect situated west of Smithers in west-central British Columbia.

Exploratory work between 1968 and 1992 has included geological, geochemical and geophysical surveys, mechanical trenching, and 5600 metres of diamond drilling. Work to date has partially delineated a tabular zone of copper-gold-molybdenum mineralization estimated to contain a possible resource of 50 million tonnes grading 0.30% copper and 0.31 g/t gold. This zone is open in at least two directions and additional exploratory work is required to adequately assess the potential of this and other prospective areas identified by previous work on the property.

Location and Access

The Louise Lake property is situated 35 km west-northwest of Smithers (Fig.1) at latitude 54°51' North and longitude 127°41' West in NTS map-area 93L/13E. The mineral claims cover an area of relatively subdued topography east and west of Louise Lake near the headwaters of Zymoetz River.

The quickest access to the property is by helicopter or floatplane. An active logging road via McDonell Lake and up Coal Creek has recently been extended into the western property area (Fig.2).

Mineral Property

The Louise Lake property consists of 13 Modified Grid or 4-post mineral claims (184 mineral claim units) located in the Omineca Mining Division. The mineral claims are shown on Figure 3 and details are as follows:

<u>Claim Name</u>	<u>Record Number</u>	<u>Units</u>	<u>Expiry Date</u>
TENN	239324	20	October 23, 2002
TENN(2)	239530	20	July 20, 2002
TENN(3)	239531	20	July 20, 2002
TROUT	240168	4	October 12, 2002
TENN 4	305944	14	October 27, 1995
TENN 5	305945	8	October 26, 1995
TENN 6	305946	20	October 26, 1995
TENN 7	305947	10	October 28, 1995
TENN 8	305948	8	October 28, 1995
TENN 9	305949	20	October 29, 1995
TENN 10	305950	20	October 31, 1995

<u>Claim Name</u>	<u>Record Number</u>	<u>Units</u>	<u>Expiry Date</u>
TENN 11	305951	10	October 31,1995
TENN 12	305952	10	October 31,1995

The mineral claims comprising the property are subject to an option agreement between Global Mineral and Chemical Ltd. and 402774 B.C. Ltd.

Geological Setting and Mineralization

The Louise Lake prospect is situated in a region largely underlain by mid-to late Jurassic (Hazelton Group and Bowser Assemblage) and early to mid-Cretaceous volcanic and sedimentary rocks which together comprise Stikine terrane of the Intermontane tectonic belt. The layered rocks are intruded by granitic rocks of Jurassic, late Cretaceous and early Tertiary age and the area is characterized by a large number of porphyry copper and/or molybdenum deposits and prospects, some containing significant by-product gold, which are associated with the younger plutons.

The area around Louise Lake is underlain by Mesozoic volcanic and sedimentary rocks. An east-northeast striking fault zone of regional extent, which follows Coal Creek and the north shore of Louise Lake, separates Middle Jurassic (Hazelton Group and Bowser Assemblage?) volcanics and sediments on the south from mid-Cretaceous (Skeena Group) rocks on the north (Fig.4). Granitic plutons of varying compositions include intensely altered feldspar porphyries in the main mineralized zone west of Louise Lake and north of the regional fault.

Principal geophysical signatures in the main area of interest include a zone of lower magnetic susceptibility which is partly coincident with an east trending zone of high IP response (Fig.5). The IP anomaly, which is open to the west, is offset by the east-northeast Coal Creek fault zone and its eastern extension underlies much of Louise Lake.

Results of soil geochemistry within and adjacent to the main zone tested by drilling to date (Fig.6) indicate that better copper and gold values (+100 ppm - range up to 3800 ppm and +50 ppb - range up to 720 ppb respectively) are contained in zones that are open to the south and west.

The principal, or main known mineralized zone on the property underlies a low hill 800 metres west of Louise Lake. Several trenches expose intensely altered (quartz-sericite-clay minerals) feldspar porphyry and possibly related acidic volcanic rocks. Sulphide mineralization, developed within and adjacent to the southern margin of the feldspar porphyry intrusion, consists principally of pyrite (5-10% by volume)

which occurs as disseminations, fracture fillings and in 2-4 mm wide quartz veinlets. Minor molybdenite is present and copper minerals include tennantite and lesser chalcopyrite. The presence of tennantite plus the identification of enargite suggests that Louise Lake mineralization may be transitional between high-level subvolcanic porphyry copper and near-surface epithermal precious metals deposits.

Better copper and gold grades obtained from surface sampling and drill cores are near the southern limits of the area worked to date (Fig.7). Figure 7A shows locations of diamond drill holes completed within the main area of interest since 1970 and significant intersections (those containing more than 0.20% copper) are as follows:

Hole	Interval(m)	Length(m)	Cu(%)	Au(g/t)	Mo(%)	As(%)
CS-1	12.5 - 53.9	41.4	0.30	0.16		
CS-2	19.4 - 55.0	35.6	0.30	0.15		
CS-3	49.1 - 139.6	59.2	0.35	0.42		
CS-4	18.9 - 37.8	18.9	0.27	0.27		
CS-5	20.4 - 79.6	59.2	0.47	0.52		
incl.	41.9 - 55.1	13.2	1.18	1.17		
CS-6	9.8 - 36.5	26.7	0.29	0.22		
	57.3 - 75.6	18.3	0.26	0.20		
C-18	3.7 - 121.0	117.3	0.25	0.27		
incl.	94.6 - 121.0	26.4	0.41	0.41		
C-19	3.7 - 182.0	178.3	0.24	0.27		
incl.	121.1 - 170.8	49.7	0.34	0.38		
C-20	33.2 - 55.9	22.7	0.26	0.34		
C-21	95.4 - 109.5	14.1	0.32	0.41		
C-22	9.1 - 306.9	297.8	0.20	0.24		
incl.	86.0 - 110.6	24.6	0.29	0.38		
	117.7 - 183.0	65.3	0.29	0.38		
LL-06	201.2 - 268.2	67.0	0.27	0.28	0.01	0.09
incl.	231.6 - 265.2	33.6	0.34	0.37	0.01	0.11
LL-07	112.8 - 173.7	60.9	0.36	0.34	0.02	0.08
incl.	149.3 - 173.7	24.4	0.46	0.42	0.03	0.08
(Note - hole stopped in mineralization due to adverse drilling conditions)						
LL-08	112.8 - 201.2	88.4	0.26	0.32	0.02	0.09
incl.	146.3 - 182.9	36.6	0.29	0.51	0.01	0.09

Results to date have established the presence of an east-west striking, moderately north-dipping and west plunging tabular zone which, at a 0.20% copper cutoff grade, is estimated to contain a possible resource of 50 million tonnes grading 0.30% copper and 0.31 g/t gold plus some molybdenum. The zone is open both down-dip and along strike to the west. As illustrated on section 9750E (Fig.8), it is

readily apparent that a number of previous holes were not drilled deep enough to intersect the zone. West of this section (Figure 7A), only hole (LL-08) adequately tested the zone; other holes drilled with a small machine were hampered by adverse drilling conditions.

One hole (LL-10) drilled from the southwestern shore of Louise Lake to test the faulted extension of the IP anomaly under the lake (Fig.5), intersected 2.9 metres grading 1.46% copper, 1.9 g/t gold, 121.7 g/t silver and 1.15% zinc within a broader zone of lower grade mineralization.

Conclusions and Recommendations

The indications of a "transitional" style of mineralization at Louise Lake may be significant and additional exploratory work is warranted. The main area of mineralization southwest of Louise Lake is coincident with the zone of highest IP response which, like the partially delineated mineralized zone, is open to the west. Additional IP coverage is recommended for this area prior to the drilling of five inclined holes. Reconnaissance IP coverage across the Coal Creek fault zone immediately northeast of Louise Lake should also be undertaken to test for possible extensions and/or repetitions of the IP anomaly underlying the lake which could be tested by subsequent drilling.

This first phase program, estimated to cost \$235,750, could be initiated in June and would take 8 to 10 weeks to complete.

Global Mineral and Chemical Ltd. plans to raise funds for this program by way of a private placement.

References

- Carter, N.C. (1995): Geological Report on the Louise Lake Porphyry Copper-Gold Prospect, Smithers Area, Omineca Mining Division, British Columbia, private report for Global Mineral and Chemical Ltd.
- Hanson, D.J. (1992): 1992 Diamond Drilling Assessment Report on the Louise Lake Mineral Property, Omineca Mining Division, British Columbia, BCMEMPR Assessment Report 22563
- Klassen, R.W. (1989): Geology, Geophysics, Geochemistry and Diamond Drilling, TENN Claims, Louise Lake, BCMEMPR Assessment Report 18971