Assessment Report
on the
Winter 2008 Diamond Drilling Program
On the Louise Lake Property
North American Gem Inc.

CAVE, LOUISE 2, 3, 8, 10, 11, 14, 19, 21, 23, 25, 28, 35-38 claims,
Unnamed Tenures 508123, 508125 – 508137 inclusive, 514931, 514932
558208, 558212, 558214-558216, 558843, 558845

Owner: North American Gem Inc.

Smithers area, north-central British Columbia
Omineca Mining Division

54° 51' 15" N Latitude, 127° 42' 45" W Longitude
BCGS Sheet NO93L082

Effective date June 5, 2008

For: North American Gem Inc.
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Vancouver, B.C. V7Y 1G5
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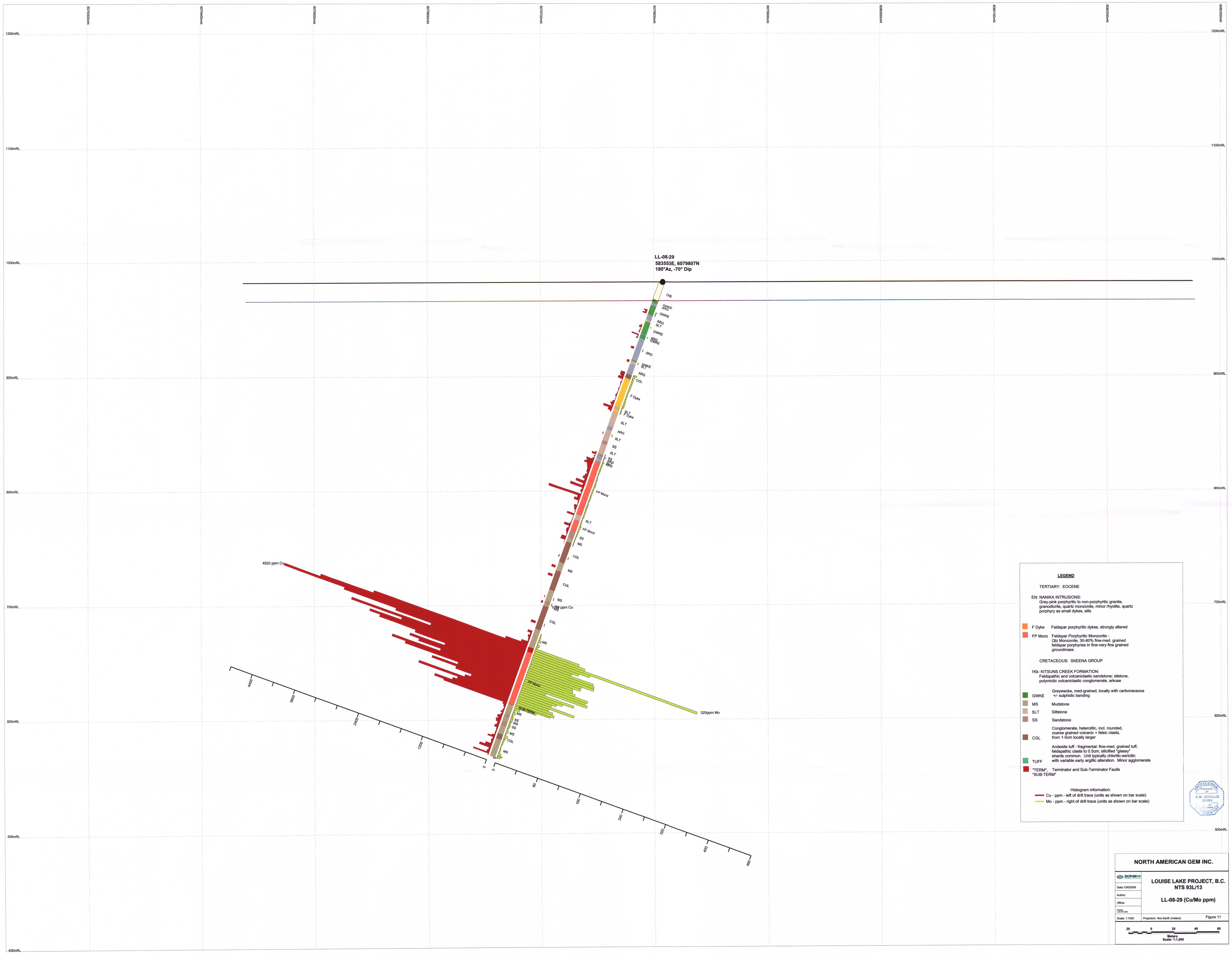
Toll Free: 1-866-683-5445
charles@northamericangem.com

By:
Carl Schulze, BSc, PGeo, Consulting Geologist for project
All-Terrane Mineral Exploration Services
35 Dawson Rd
Whitehorse, Yukon Y1A 5T6
Tel: 867-633-4807
Fax: 867-633-4883
Email: allterrane@northwestel.net

June 10, 2008

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

30,055



LEGEND

TERTIARY: EOCENE

EN: NANIKA INTRUSIONS:
Grey-pink porphyritic to non-porphyritic granite, granodiorite, quartz monzonite, minor rhyolite, quartz porphyry as small dykes, sills

🟧	F Dyke	Feldspar porphyritic dykes, strongly altered
🟥	FP Monz	Feldspar Porphyritic Monzonite - Qtz Monzonite, 30-60% fine-med. grained feldspar porphyries in fine-very fine grained groundmass

CRETACEOUS: SKEENA GROUP

1Kk: KITSUNS CREEK FORMATION:
Feldspathic and volcaniclastic sandstone; silstone, polymictic volcaniclastic conglomerate, arkose

🟩	GWKE	Greywacke, med-grained, locally with carbonaceous +/- sulphidic banding
■	MS	Mudstone
■	SLT	Siltstone
■	SS	Sandstone
■	CGL	Conglomerate, heterolitic, incl. rounded, coarse grained volcanic + felsic clasts, from 1-5cm locally larger
🟩	TUFF	Andesite tuff - fragmental: fine-med. grained tuff, feldspathic clasts to 0.5cm; silicified "glassy" shards common. Unit typically chloritic-sericitic with variable early argillic alteration. Minor agglomerate
🟥	"TERM", "SUB-TERM"	Terminator and Sub-Terminator Faults

Histogram information:
- Cu - ppm - left of drill trace (units as shown on bar scale)
- Mo - ppm - right of drill trace (units as shown on bar scale)

PROFESSIONAL GEOSCIENTIST
C.M. SCHULZE
25393

NORTH AMERICAN GEM INC.

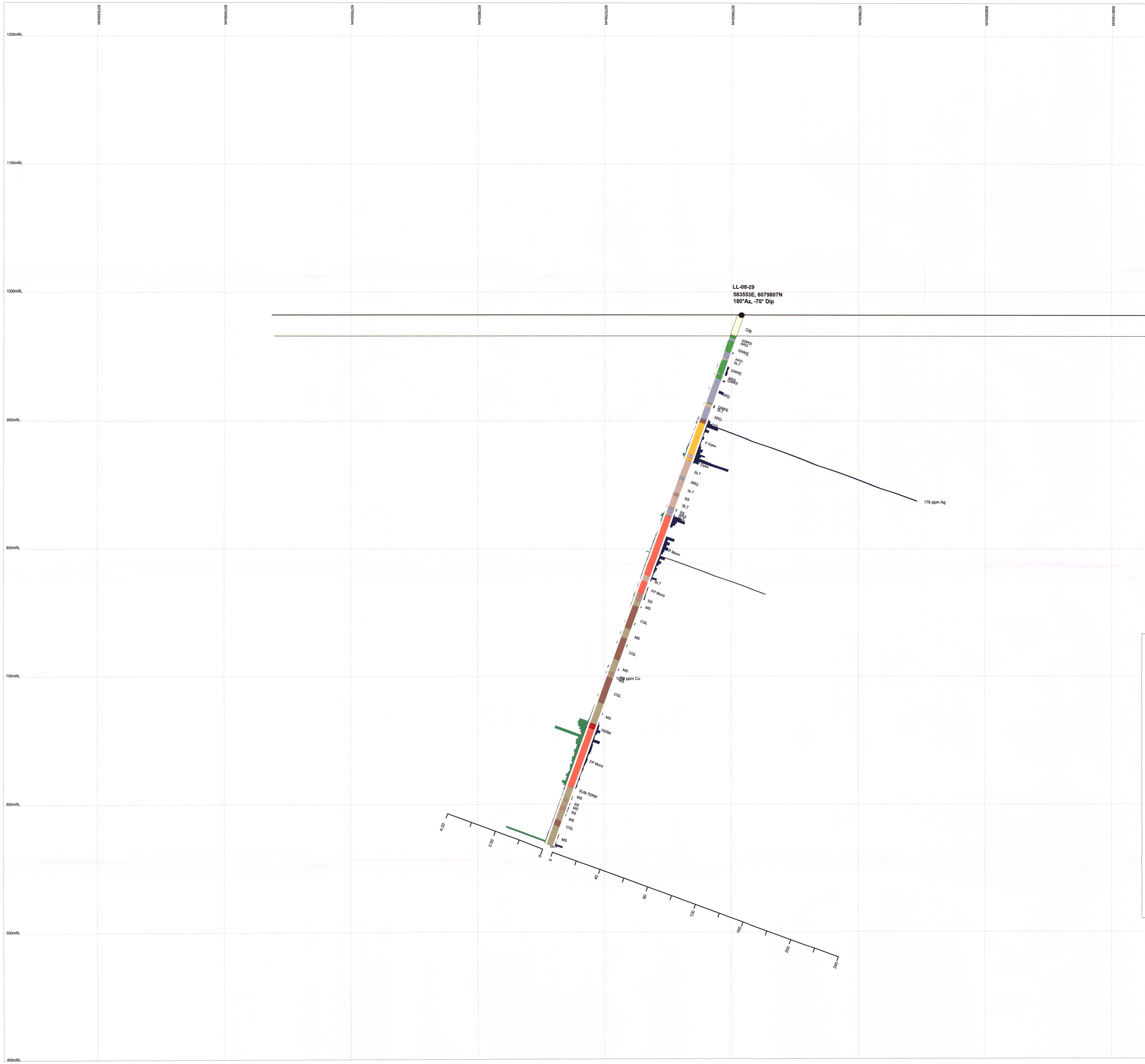
ZONE14 GEOINFO SOLUTIONS

LOUISE LAKE PROJECT, B.C.
NTS 93L/13

LL-08-29 (Cu/Mo ppm)

Date:13/6/2008
Author:
Office:
Drawing: LL08-29 Cu/Mo
Scale: 1:1000
Projection: Non-Earth (meters)
Figure 11

20 0 20 40 60
Meters
Scale: 1:1,000



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— Ag - g/T- right of drill trace (units as shown on bar scale)

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ZONE14 GEOINFO SOLUTIONS

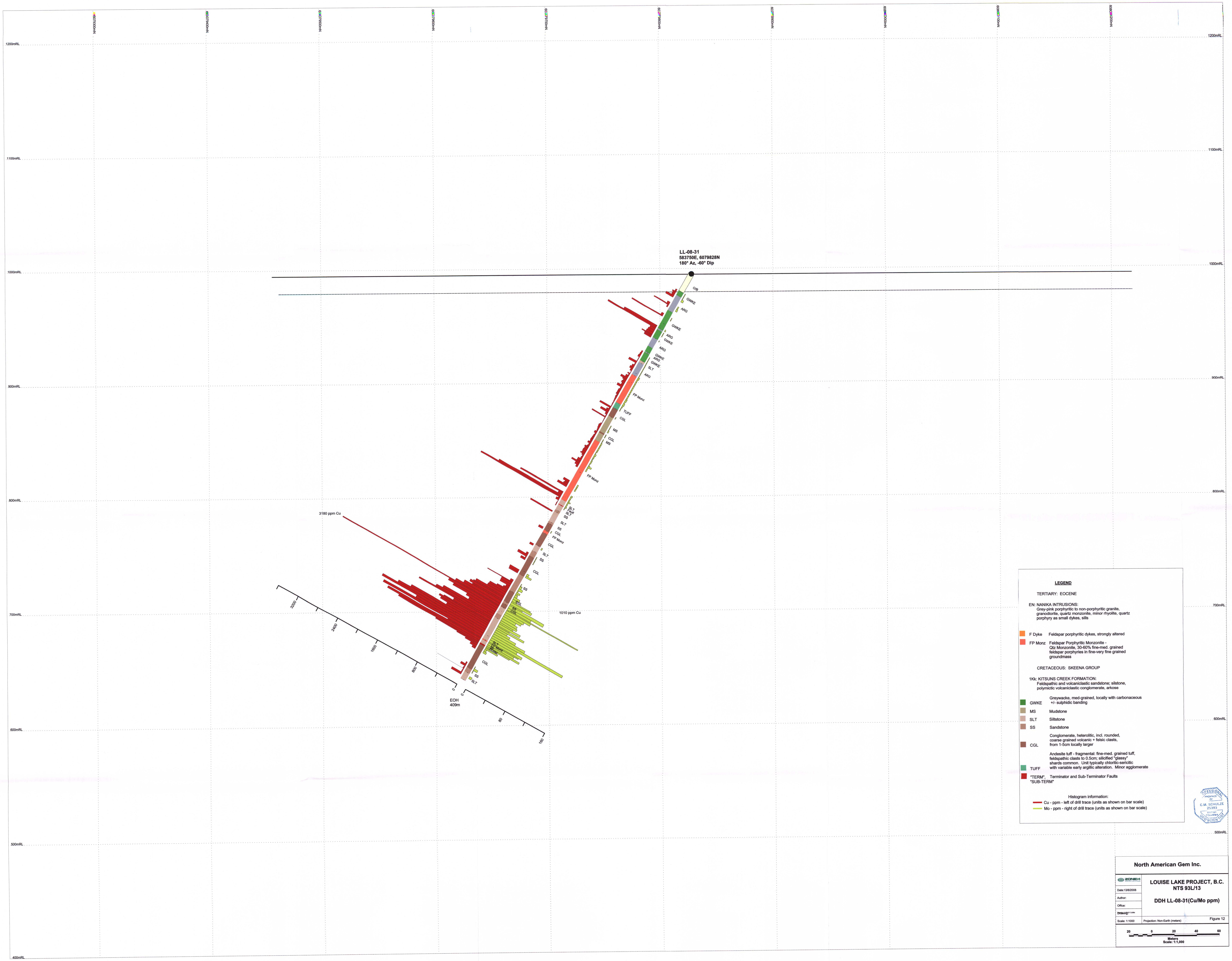
Date:16/6/2008
Author:
Office:
Drawing: LL08-29 Au/Ag

LOUISE LAKE PROJECT, B.C.
NTS 93L/13

LL-08-29 (Au/Ag g/T)

Scale: 1:1000
Projection: Non-Earth (meters)
Figure 11a

20 0 20 40 60
Meters
Scale: 1:1,000



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LOUISE LAKE PROJECT, B.C.
NTS 93L/13

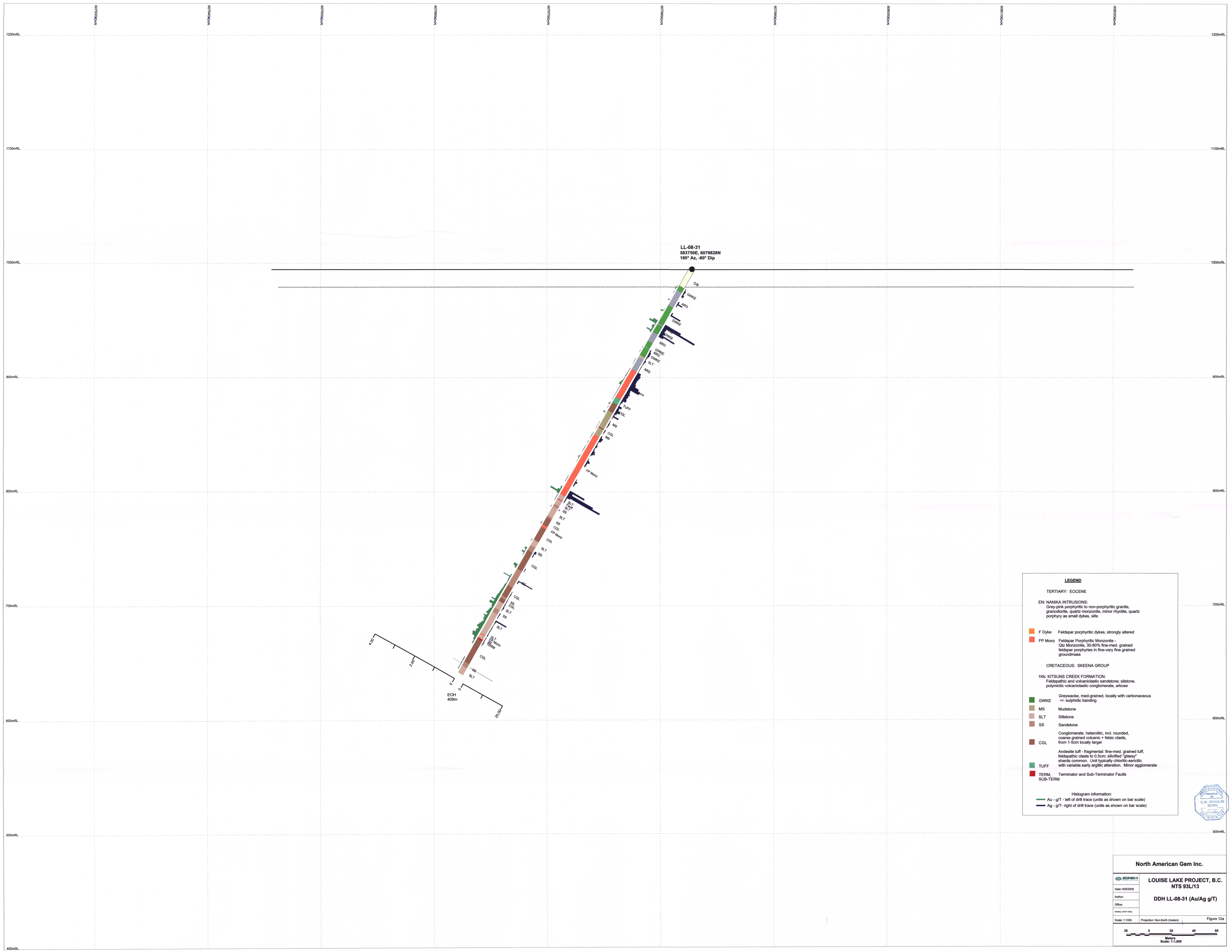
DDH LL-08-31(Cu/Mo ppm)

Date:13/6/2008
Author:
Office:
Drawing: LL08-31 Cu/Mo
Scale: 1:1000
Projection: Non-Earth (meters)
Figure 12

20 0 20 40 60
Meters
Scale: 1:1,000

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

30,055



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Date:16/6/2008
Author:
Office:
Drawing: LL08-31 Au/Ag
Scale: 1:1000

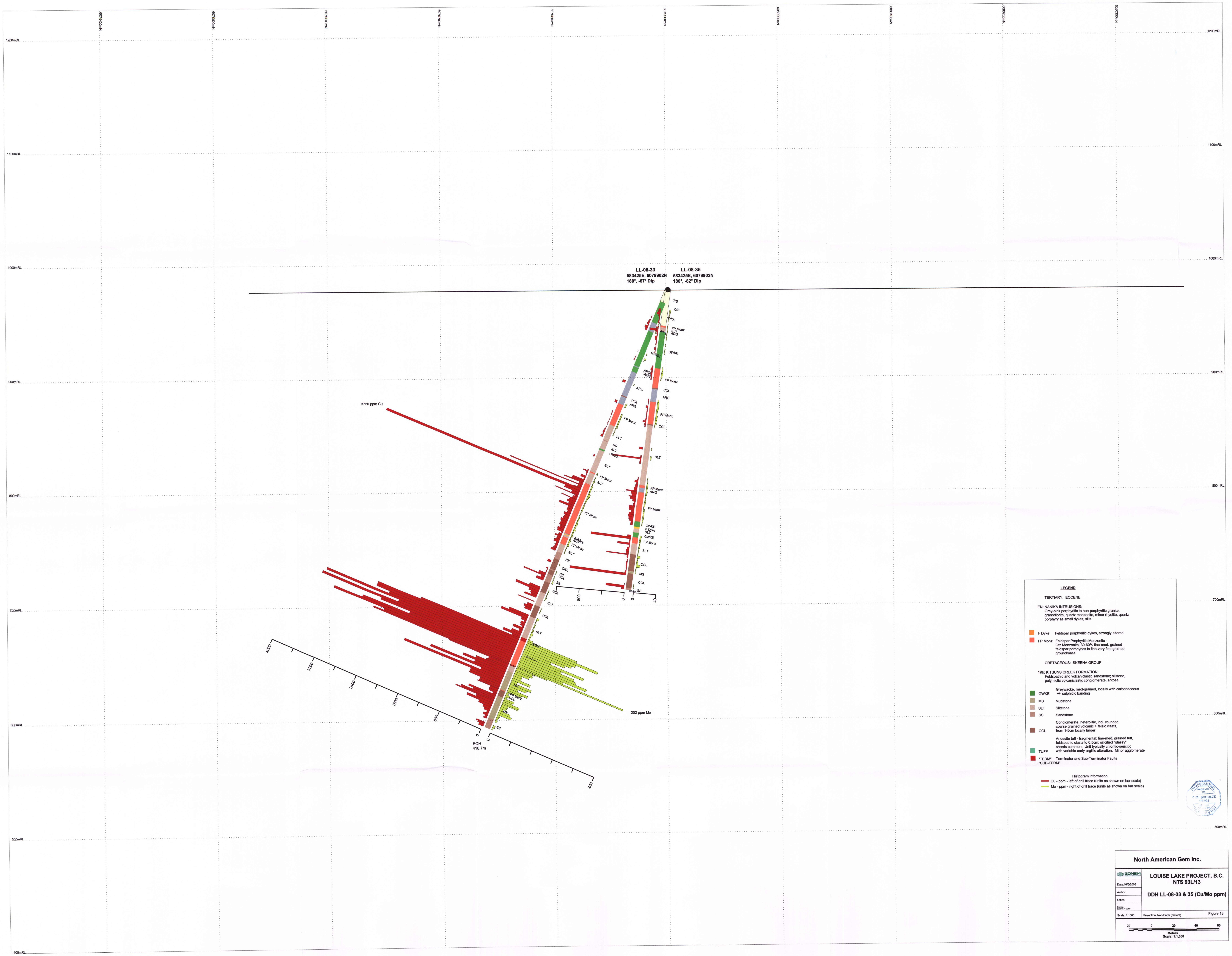
LOUISE LAKE PROJECT, B.C.
NTS 93L/13

DDH LL-08-31 (Au/Ag g/T)

Projection: Non-Earth (meters)

Figure 12a

20 0 20 40 60
Meters
Scale: 1:1,000



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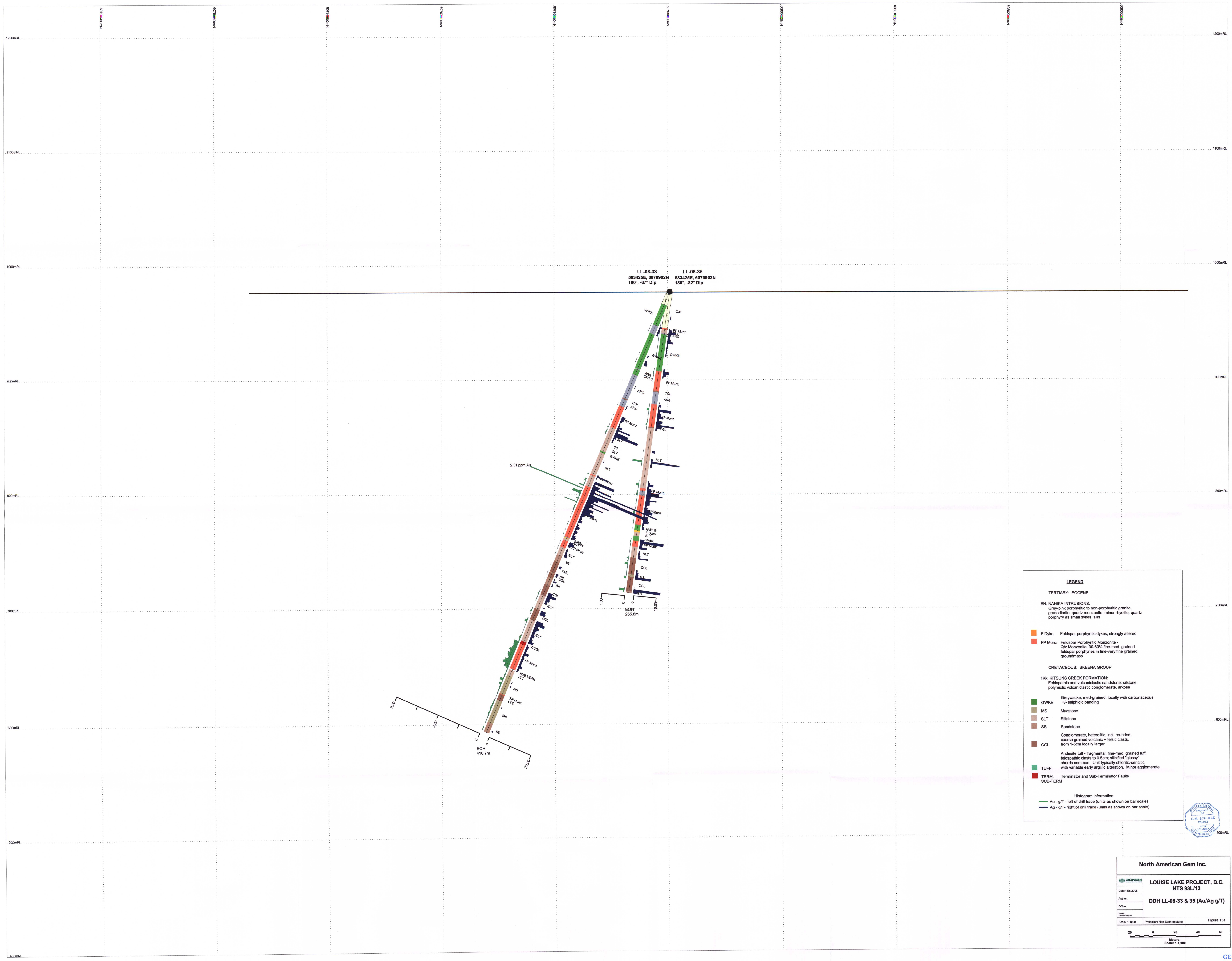
ZONE14 GEOINFO SOLUTIONS

LOUISE LAKE PROJECT, B.C.
NTS 93L/13

DDH LL-08-33 & 35 (Cu/Mo ppm)

Date:16/6/2008
Author:
Office:
Drawing: LL08-33-35 Cu/Mo
Scale: 1:1000
Projection: Non-Earth (meters)
Figure 13

20 0 20 40 60
Meters
Scale: 1:1,000



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PROVINCE OF BRITISH COLUMBIA
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LOUISE LAKE PROJECT, B.C.
NTS 93L/13

DDH LL-08-33 & 35 (Au/Ag g/T)

Date:16/6/2008
Author:
Office:
Drawing: LL08-33-35 Au/Ag
Scale: 1:1000
Projection: Non-Earth (meters)
Figure 13a

20 0 20 40 60
Meters
Scale: 1:1,000