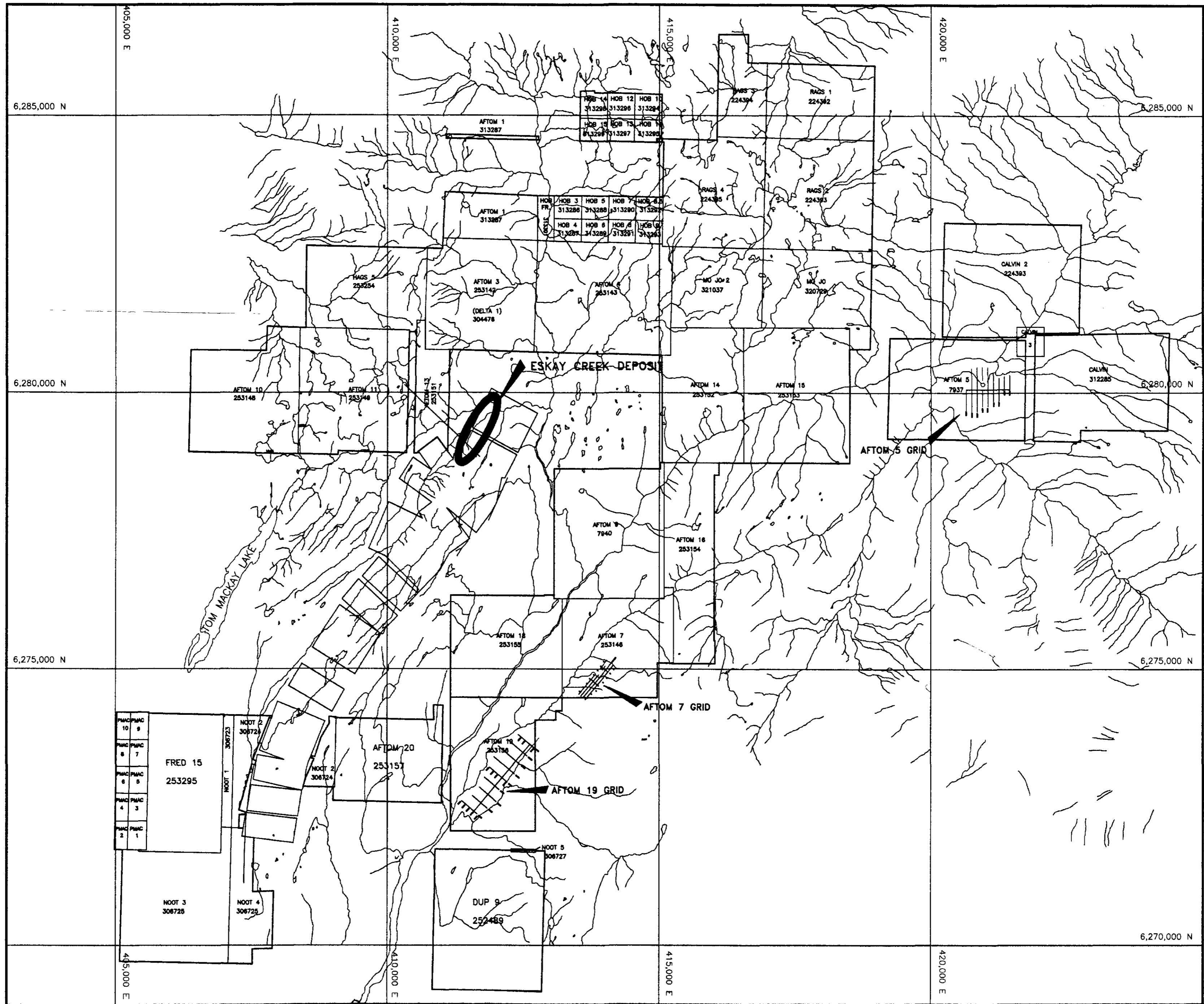



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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N

Legend

Jurassic

- J1 - Basal Lias Group (Middle Jurassic to Lower Cretaceous)
- J1B - short pebbles to cobble conglomerate, intercalated sandstone
- J1B1 - fine-grained sandstone with intercalated conglomerates or mudstone
- J1B2 - finely bedded mudstone and siltstone

Ionian Group

- J1I - Sedimentary-volcanic rocks, undifferentiated
- J1I2 - Undifferentiated volcanic rock (Upper Volcanic)
- J1I2A - massive, sulphur-flow-banded flows, minor, thin lenses
- J1I2B - massive, sulphur-flow-banded flows, minor, thin lenses
- J1I2C - volcanic breccia, moderately to highly intercalated
- J1I2D - massive, sulphur-flow-banded flows, minor, thin lenses
- J1I3 - intercalated sedimentary rocks
- J1I3A - finely bedded carbonaceous mudstone, sulphur-rich mudstone; locally short pebbles to cobble conglomerate, sulphur-rich mudstone
- J1I3B - massive sedimentary bands, pale, fine-grained
- J1I3C - massive, sulphur-rich mudstone, sulphur-rich mudstone and black argillite
- J1I4 - Massive volcanic rocks
- J1I4A - massive sedimentary bands, pale, fine-grained
- J1I4B - massive, sulphur-rich mudstone, sulphur-rich mudstone
- J1I4C - massive volcanic breccia, sulphur-rich intercalated mudstone

Albian

- J1A - Sedimentary-volcanic rock (Plattenkalk to Upper Albian)
- J1A1 - massive, sulphur-rich mudstone, local volcanic sandy limestone intervals
- J1A2 - massive, sulphur-rich mudstone, thin lenses
- J1A3 - turbiditic, shaly bedded to massive
- J1A4 - shaly to medium bedded to massive
- J1D - Lower Albian to Lower Cenomanian (132-131 Ma)
- J1D1 - undifferentiated tuff, volcanic and sulphur rocks
- J1D2 - undifferentiated tuff, volcanic and sulphur rocks
- J1D3 - sulphur-rich mudstone, black tuff, light grey phryne clasts
- J1D4 - volcanic breccia (black tuff, light grey phryne clasts)
- J1D5 - sulphur-rich mudstone, light grey tuff, volcanic breccia

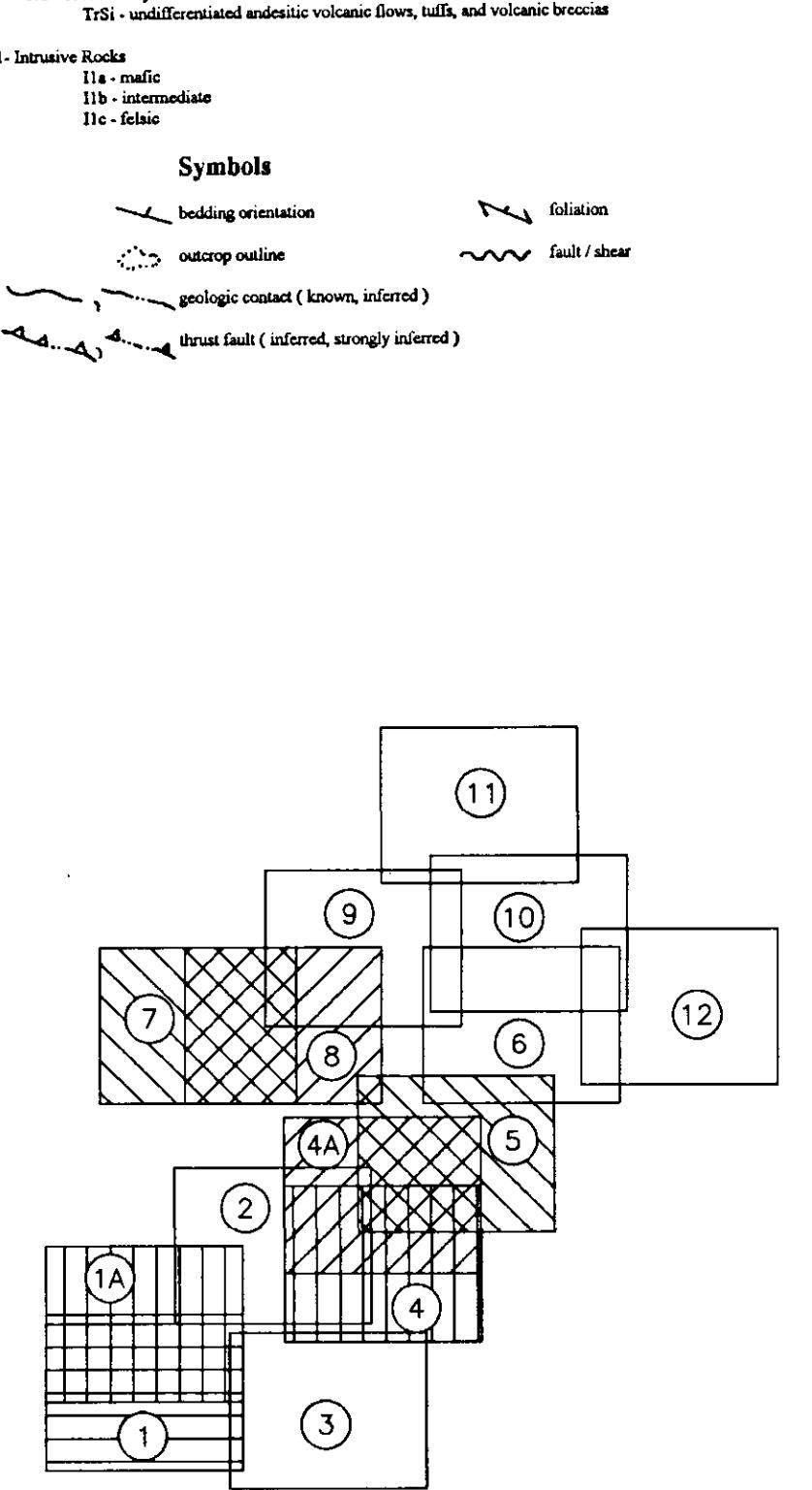
Middle-Lower Cretaceous and Tertiary in Sumatra

- J1II - Undifferentiated sedimentary rocks
- J1II1 - undifferentiated sedimentary rocks, fine-grained clastic common
- J1II2 - volcanoes, ash, volcanic breccia

Tertiary

- J1II1 - Sedimentary and volcanic rocks, undifferentiated
- J1II2 - undifferentiated sedimentary rocks, fine-grained clastic common
- J1II3 - Intrusive rocks
- J1II4 - intermediate
- J1II5 - older

Symbols



SHEET KEY

TOLOGICAL BRANCH'S ASSESSMENT REPORT

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BCN RDS DATA

DUPONT DATA


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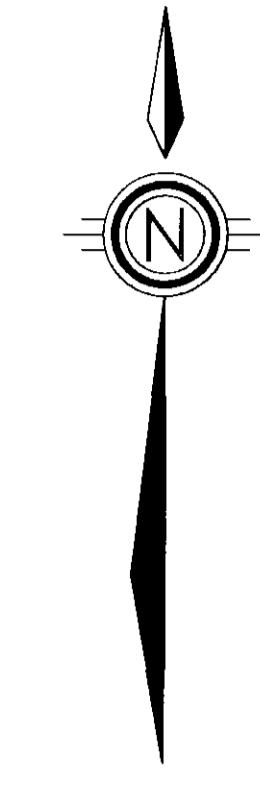
AFTON PROJECT

GEOLOGY MAP

SCALE: 1 : 5000 NTS: DATE: JUNE 20/95
APPROVED BY: T.D. FILE: MAP_SHTS SHEET: 4

CANAMERA GEOLOGICAL LTD





Legend

Jurassic

- BL - Beaver Lake Group (Detrital Facies in Klinsmen Igneous)
- MH - undifferentiated sedimentary rocks
- MH1 - fine-grained sandstone, minor intercalated dolomites or mudrocks
- MH2 - fair to coarse grained sandstone, minor intercalated dolomites or mudrocks
- MH3 - very-fine-grained sandstone and dolomite

Basement

- AB - Undifferentiated volcanic rocks, undifferentiated
- AB1 - Fairly massive, grey-green dolomitic limestone
- AB2 - Fairly massive dolomitic limestone, minor fine breccia
- BD1 - dol, lenticular, thin, non-welded to densely welded, white to grey-green phyllite
- BD2 - dol, lenticular, thin, non-welded to densely welded, white to grey-green phyllite
- BD3 - typical breccia to subangular volcanic conglomerate

Mississippian

- HOB - unconsolidated sedimentary rocks
- HOB1 - unconsolidated dolomitic sandstone, turbulent dolomites to siliciclastics, locally cherty
- HOB2 - dolomitic dolomite
- HOB3 - dolomitic dolomite, local breccias and dolomitic dolomites
- HOB4 - dolomitic dolomite, local breccias and dolomitic dolomites
- HOB5 - dolomitic dolomite, local breccias and dolomitic dolomites
- HOB6 - dolomitic dolomite, local breccias and dolomitic dolomites
- HOB7 - dolomitic dolomite, local breccias and dolomitic dolomites
- HOB8 - dolomitic dolomite, local breccias and dolomitic dolomites
- HOB9 - dolomitic dolomite, local breccias and dolomitic dolomites
- HOB10 - dolomitic dolomite, local breccias and dolomitic dolomites
- HOB11 - dolomitic dolomite, local breccias and dolomitic dolomites
- HOB12 - dolomitic dolomite, local breccias and dolomitic dolomites
- HOB13 - dolomitic dolomite, local breccias and dolomitic dolomites
- HOB14 - dolomitic dolomite, local breccias and dolomitic dolomites

Lower Silurian

- AF1OM - Afton Project
- AF1OM1 - Afton 1
- AF1OM2 - Afton 2
- AF1OM3 - Afton 3
- AF1OM4 - Afton 4

Upper Paleozoic

- AB1 - undifferentiated dolomitic dolomite
- AB2 - undifferentiated dolomitic dolomite
- BD1 - dolomitic dolomite, local breccias and dolomitic dolomites
- BD2 - dolomitic dolomite, local breccias and dolomitic dolomites
- BD3 - typical breccia to subangular volcanic conglomerate
- BL1 - unconsolidated sedimentary rocks
- BL2 - unconsolidated dolomitic sandstone, turbulent dolomites to siliciclastics, locally cherty
- BL3 - dolomitic dolomite
- BL4 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL5 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL6 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL7 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL8 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL9 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL10 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL11 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL12 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL13 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL14 - dolomitic dolomite, local breccias and dolomitic dolomites

Middle Silurian

- BL1 - undifferentiated dolomitic dolomite
- BL2 - undifferentiated dolomitic dolomite
- BL3 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL4 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL5 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL6 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL7 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL8 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL9 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL10 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL11 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL12 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL13 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL14 - dolomitic dolomite, local breccias and dolomitic dolomites

Upper Paleozoic

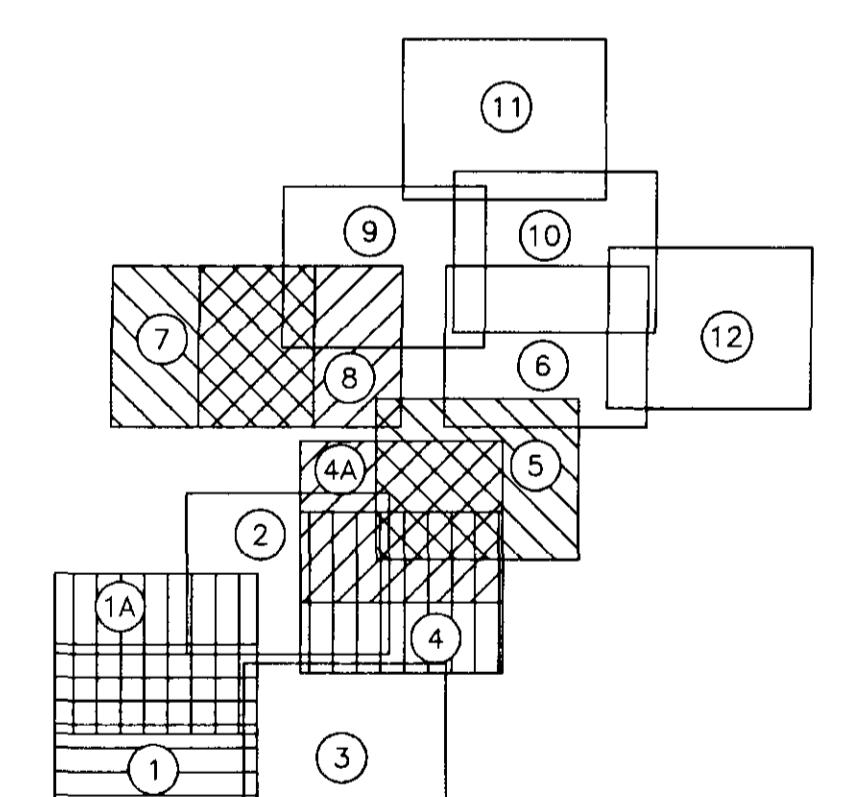
- BL1 - undifferentiated dolomitic dolomite
- BL2 - undifferentiated dolomitic dolomite
- BL3 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL4 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL5 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL6 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL7 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL8 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL9 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL10 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL11 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL12 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL13 - dolomitic dolomite, local breccias and dolomitic dolomites
- BL14 - dolomitic dolomite, local breccias and dolomitic dolomites

Triassic

- Stab1 Green - Stab1 Green and volcanic rocks, undifferentiated
- T1 - undifferentiated dolomitic dolomite, dolomitic dolomites, tuff, and volcanic breccia

Symbols

Building orientation
Soil
Fault / shear
Tension
Folding
Folding axis
Folding crest (known, inferred)
Folding trough (known, inferred, strongly inferred)



SHEET KEY

TOLOGICAL BRANCH ASSESSMENT REPORT

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1 km
100 m

100 m

50 m


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
GEOLOGY MAP


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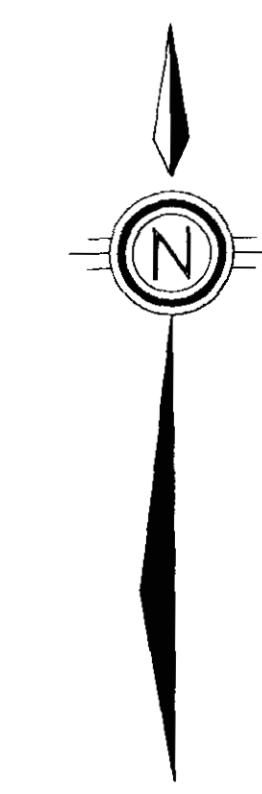
APPROVED BY: T.D. FILE: MAP_SHTS SHEET: 9

CANAMERA GEOLOGICAL LTD

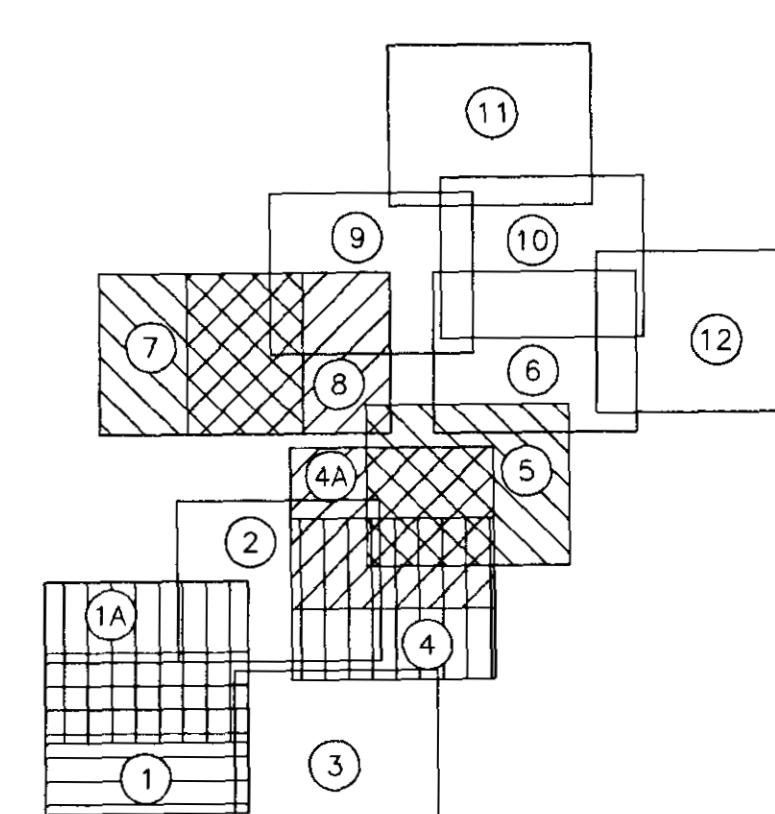








• Silt Sample
x Rock Sample



SHEET KEY

E TOLOGICAL ASSESSMENT REPORT


24,155


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
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
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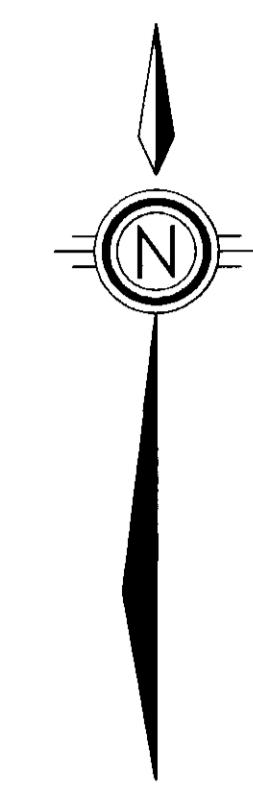
| AFTOM PROJECT | | | |
|-------------------------|----------------|------------------|--|
| SAMPLE LOCATION MAP | | | |
| SCALE: 1 : 5000 | NTS: | DATE: JUNE 20/95 | |
| APPROVED BY: T.D. | FILE: MAP_SHTS | SHEET: 4 | |
| CANAMERA GEOLOGICAL LTD | | | |



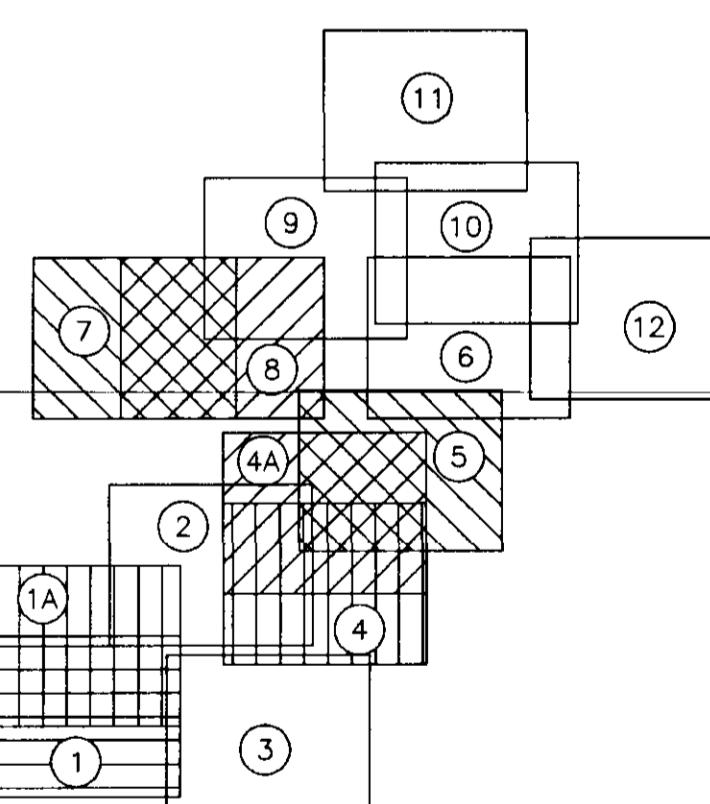








- Silt Sample
- × Rock Sample



SHEET KEY

EPILOGICAL BRANCH ASSESSMENT REPORT

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BGOM RGS DATA

DUPONT DATA

50 m 0 100 200 300 m

AFTON PROJECT

SAMPLE LOCATION MAP

SCALE: 1 : 5000 NTS: DATE: JUNE 20/95

APPROVED BY: T.D. FILE: MAP_SHTS SHEET: 12

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AFTOM 5

7937

420 500 E

421 000 E

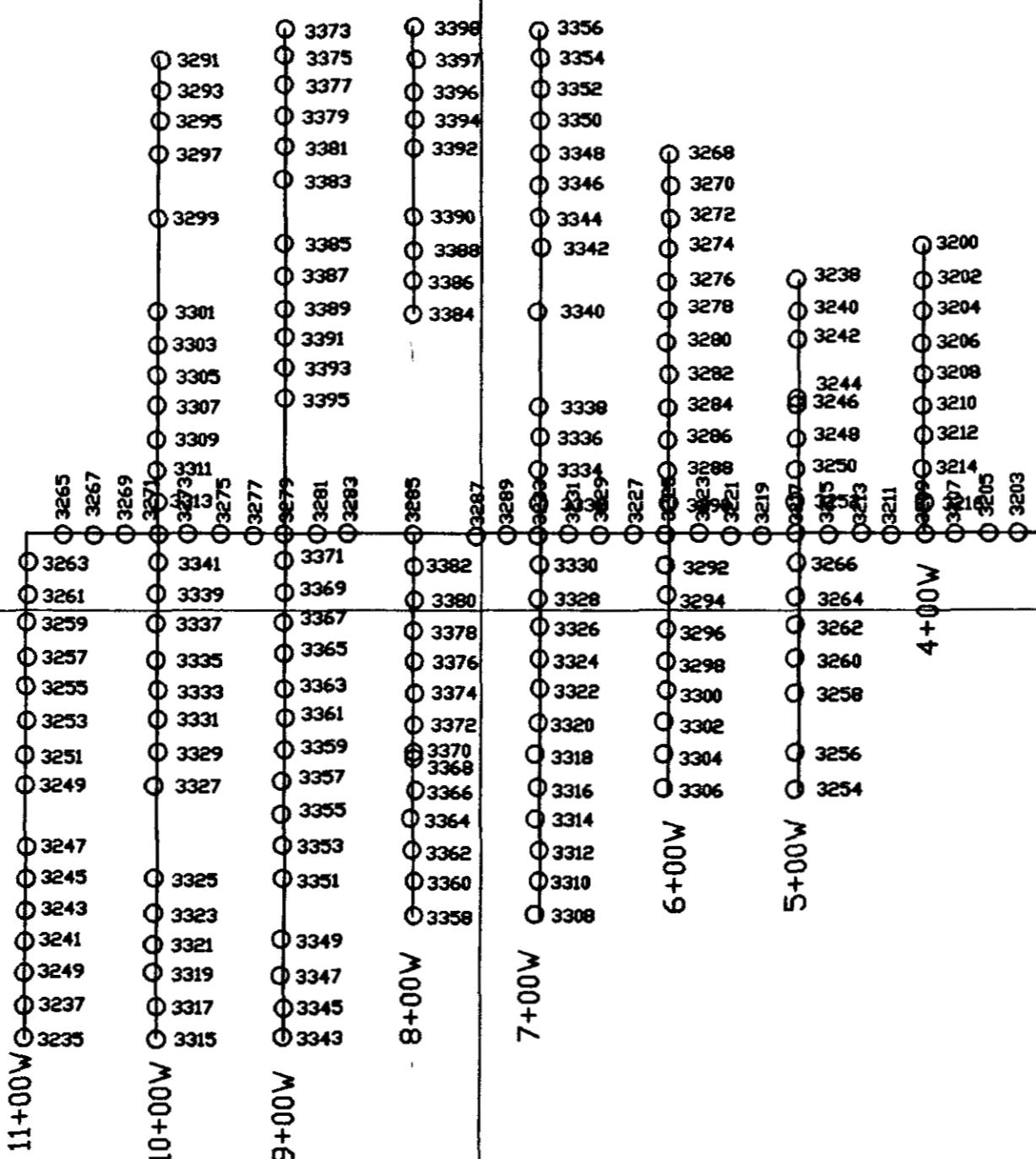
421 500 E

6279 000 N 422 000 E

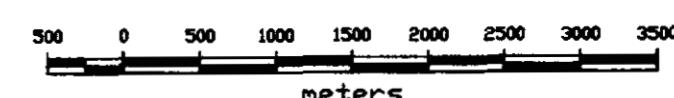
6280 500 N

6280 000 N

6279 500 N



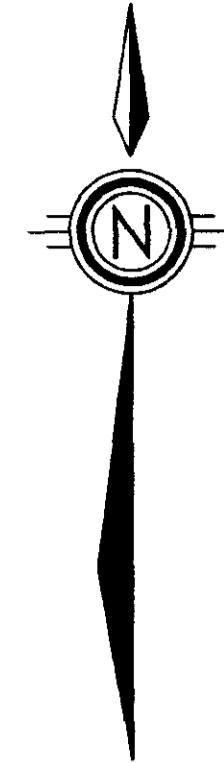
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**
24,155



CANAMERA GEOLOGICAL LTD.

**ESKAY PROJECT
AFTOM 5 GRID
SAMPLE LOCATIONS**

| | | |
|-------------------------|-----------------|------------------|
| SCALE:1:5000 | NTS:104 B | DATE:NOV.15,1995 |
| APPROVED BY: | FILE:AFTOM5.DWG | MAP NO. 15 |
| CANAMERA GEOLOGICAL LTD | | |



LEGEND

Geochem 0.8 O Sample Location

Note: values <0.2 ppm are not shown

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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500 0 500 1000 1500 2000 2500 3000 3500
meters

CANAMERA GEOLOGICAL LTD.

ESKAY PROJECT
AFTOM 5 GRID
Ag (ppm)

| | | |
|-------------------------|------------------|------------------|
| SCALE:1:5000 | NTS:104 B | DATE:NOV.15,1995 |
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| CANAMERA GEOLOGICAL LTD | | |

AFTOM

5

7937

420 500 E

421 000 E

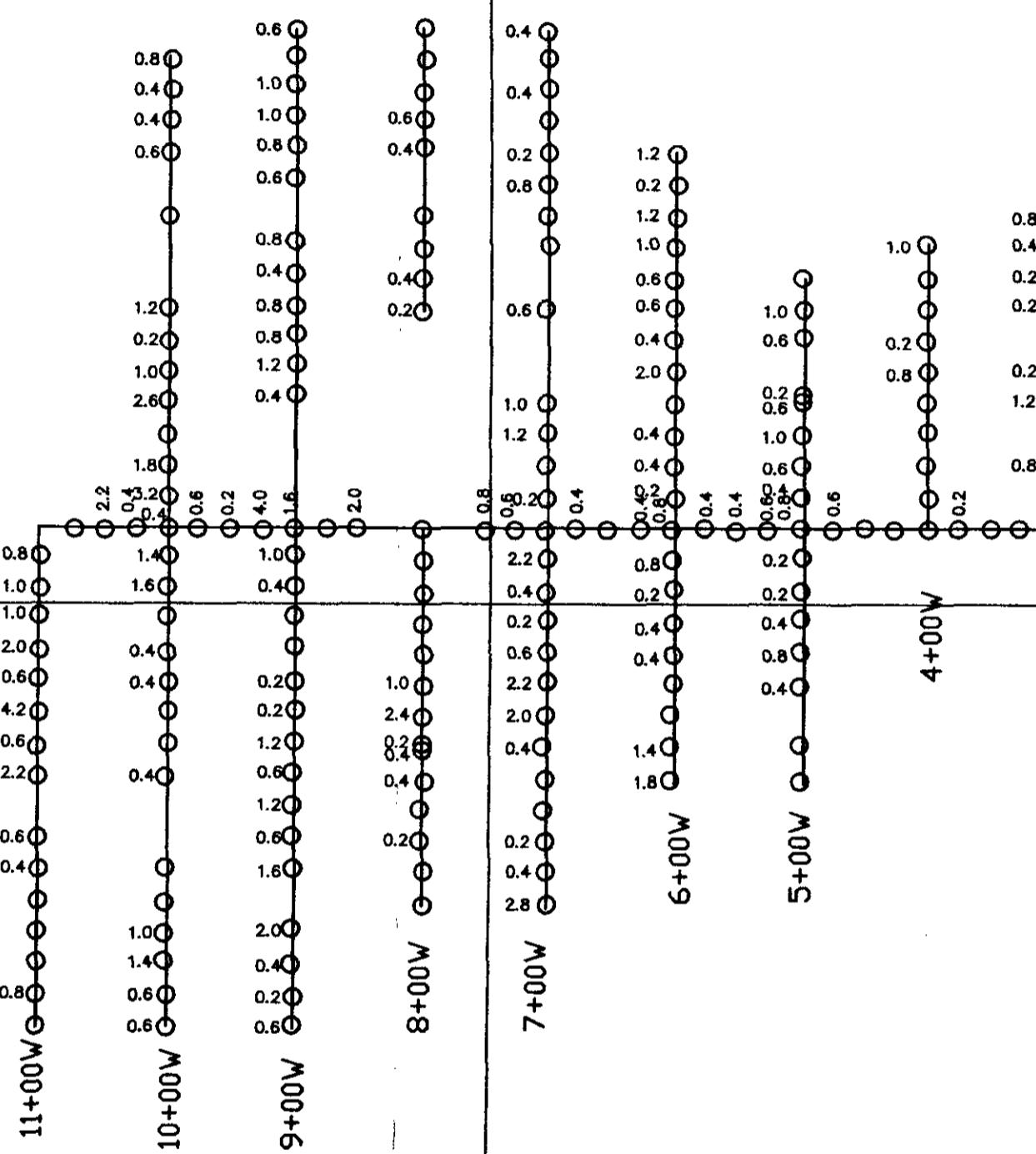
421 500 E

6279 000 N 422 000 E

6280 500 N

6280 000 N

6279 500 N

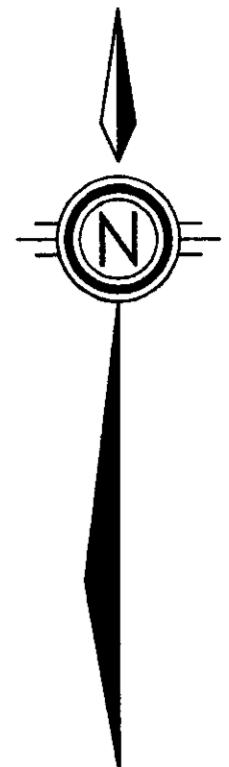


6280 500 N

6280 000 N

6279 500 N

6279 000 N 422 000 E



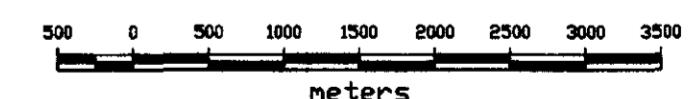
LEGEND

Geochem 30.0 O Sample Location

Note: values <5 ppm are not shown

GEOLoGICAL BRAnCh ASSESSMENT REPORT

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CANAMERA GEOLOGICAL LTD.

ESKAY PROJECT
AFTOM 5 GRID
As (ppm)

| | | |
|-------------------------|-------------------|---------------------|
| SCALE: 1:5000 | NTS: 104 B | DATE: NOV. 15, 1995 |
| APPROVED BY: | FILE: AFTOM5S.DWG | MAP NO. 15As |
| CANAMERA GEOLOGICAL LTD | | |

AFTOM

5

7937

420 500 E

421 000 E

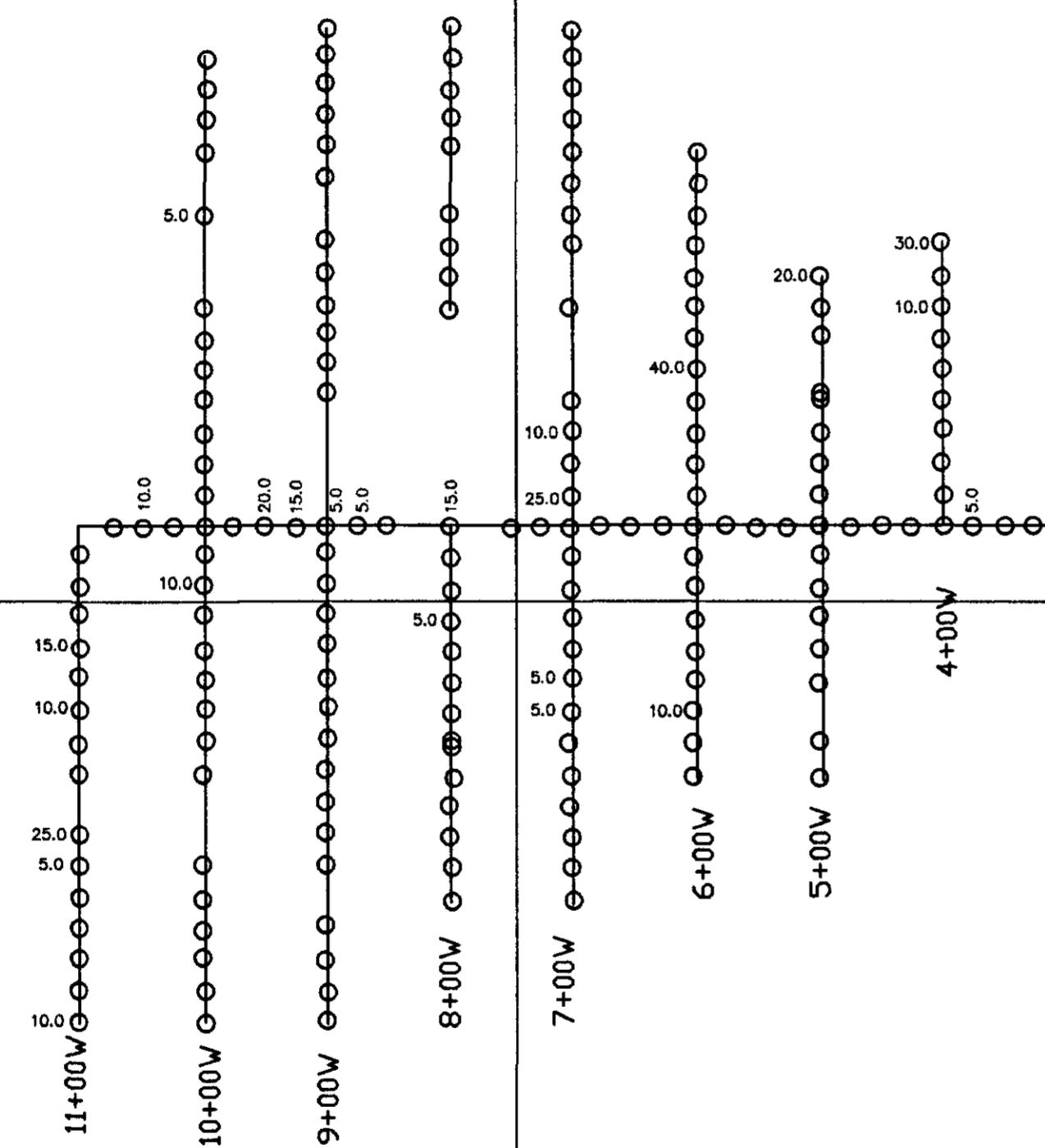
421 500 E

6279 000 N 422 000 E

6280 500 N

6280 000 N

6279 500 N





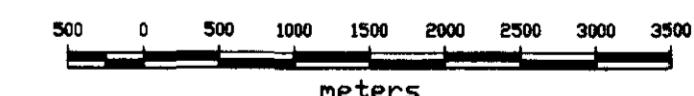
LEGEND

Geochem 70.0 O Sample Location

Note: values <5 ppm are not shown

EOLOGIC I BRANCH
SESSMENT REPOR

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CANAMERA GEOLOGICAL LTD.

ESKAY PROJECT
AFTOM 5 GRID
Ba (ppm)

| | | |
|-------------------------|------------------|------------------|
| SCALE:1:5000 | NTS:104_B | DATE:NOV.15.1995 |
| APPROVED BY: | FILE:AFTOM5S.DWG | MAP NO. 15Ba |
| CANAMERA GEOLOGICAL LTD | | |

AFTOM

5

7937

420 500 E

421 000 E

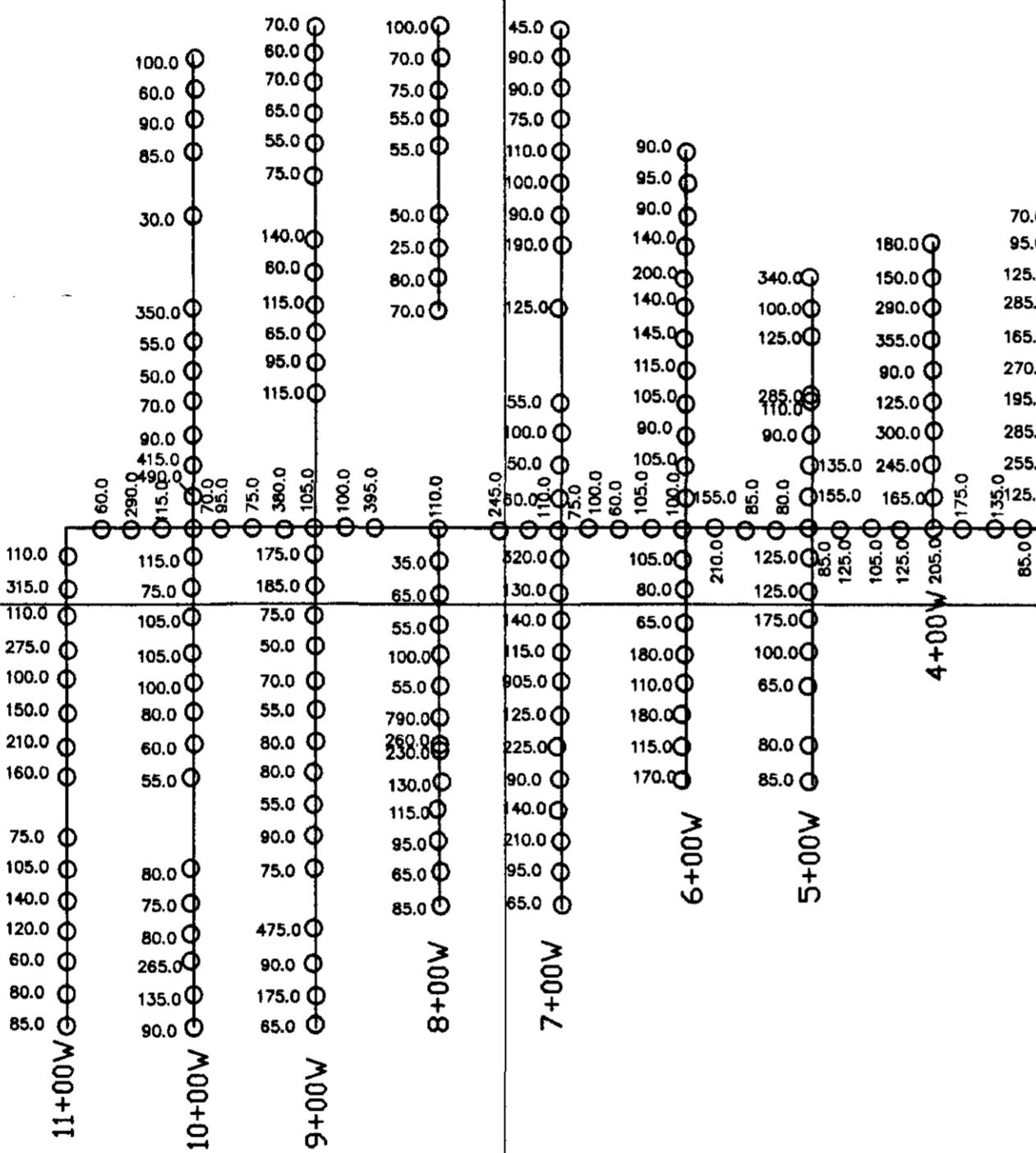
421 500 E

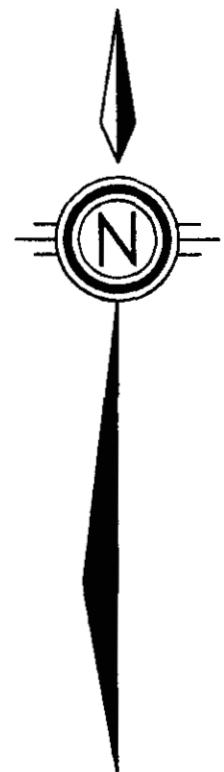
422 000 E

6280 500 N

6280 000 N

6279 500 N





LEGEND

Geochem 44.0 ○ Sample Location

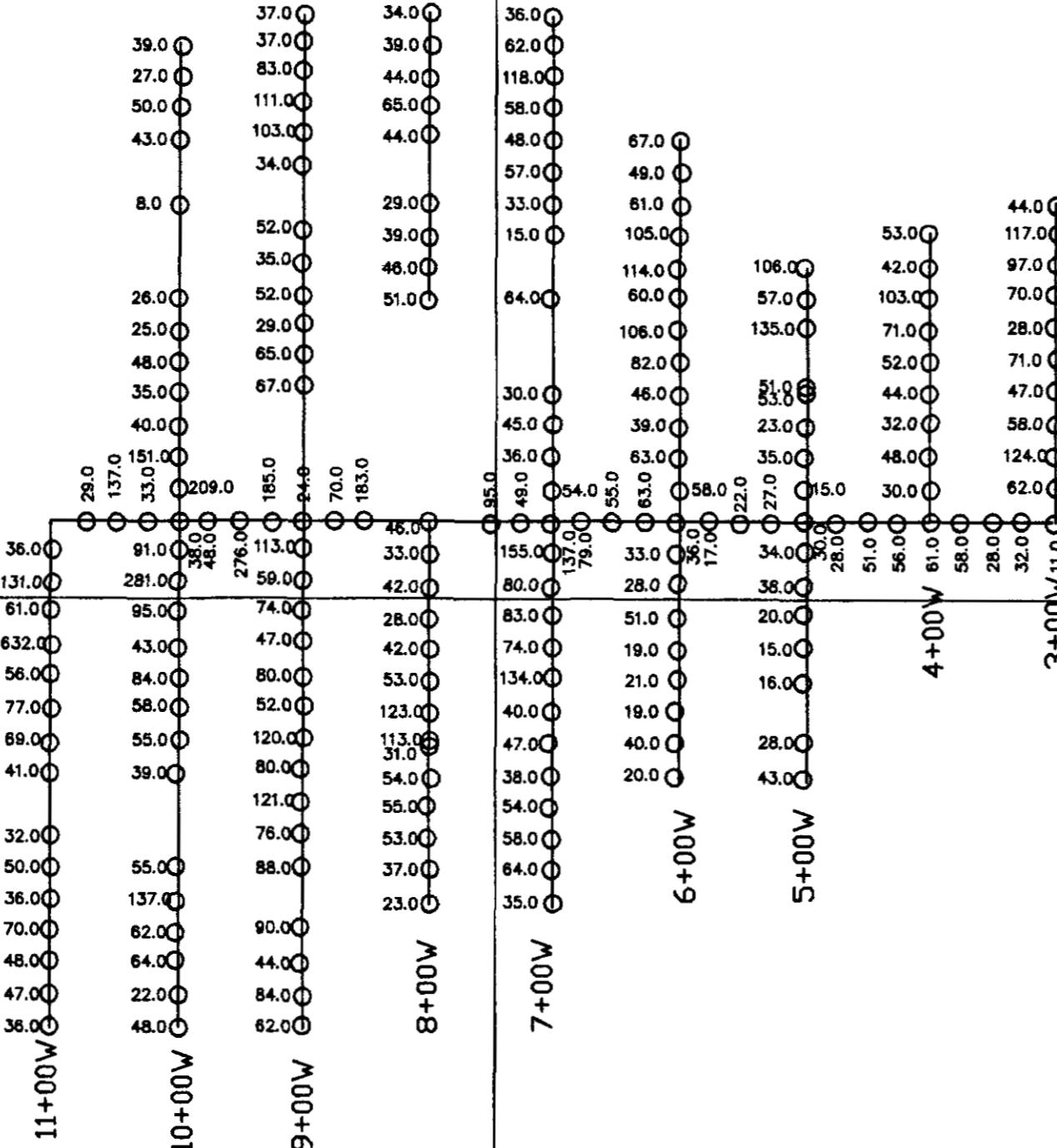
AFTOM

5

7937

GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,155



420 500 E

421 000 E

421 500 E

6279 000 E
Z 422 000 E

500 0 500 1000 1500 2000 2500 3000 3500
meters

CANAMERA GEOLOGICAL LTD.

ESKAY PROJECT
AFTOM 5 GRID
Zn (ppm)

| | | |
|-------------------------|-------------------|---------------------|
| SCALE: 1:5000 | NTS: 104 B | DATE: NOV. 15, 1995 |
| APPROVED BY: | FILE: AFTOM5S.DWG | MAP NO. 15Zn |
| CANAMERA GEOLOGICAL LTD | | |

