

Legend

- Claim name
- Claim tag number
- Water
- Claim boundary



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,258

2 of 2

TAGISH J.V.

Eskay Creek
Claim Location Map

All digital information from or converted to NAD 21' datum.
 SCALE: 1:50,000 | UTM: 1048 U.S. TO | DATE: NOV 1997
 APPROVED BY: [Signature] | FILE: [Signature] | DATE: [Signature] | FIGURE NO. 3
 CANADIAN GEOLOGICAL SERVICE



GEOLOGICAL SURVEY BRANCH
 AGRI-MINISTERE DU QUÉBEC

25,258
 142



Legend

Stratigraphy

Bowser Lake Group

14a Silts with interbeds of mudstone

Hazleton Group

Unit 5 Pale grey amphibolite basalt

J Dolomite

14a Silts with interbeds of mudstone, rhyolite sills, and granitic dykes

11a Aphyric to quartz phytic rhyolite and associated basic volcanoclastic rocks

Unit 3 13A Mixed volcanoclastic rocks

13Aa Un differentiated aphyric to fine volcanic and volcanoclastic rock

13Ab Fine volcanic tuffs flow, lapilli tuff, welded tuff

Unit 2 14a Aphyric andesite and associated intermediate volcanoclastic rocks

14b Aphyric to mafic aphyric amphibolite basalt

Intrusive Rocks

10a Gabbro, basalt

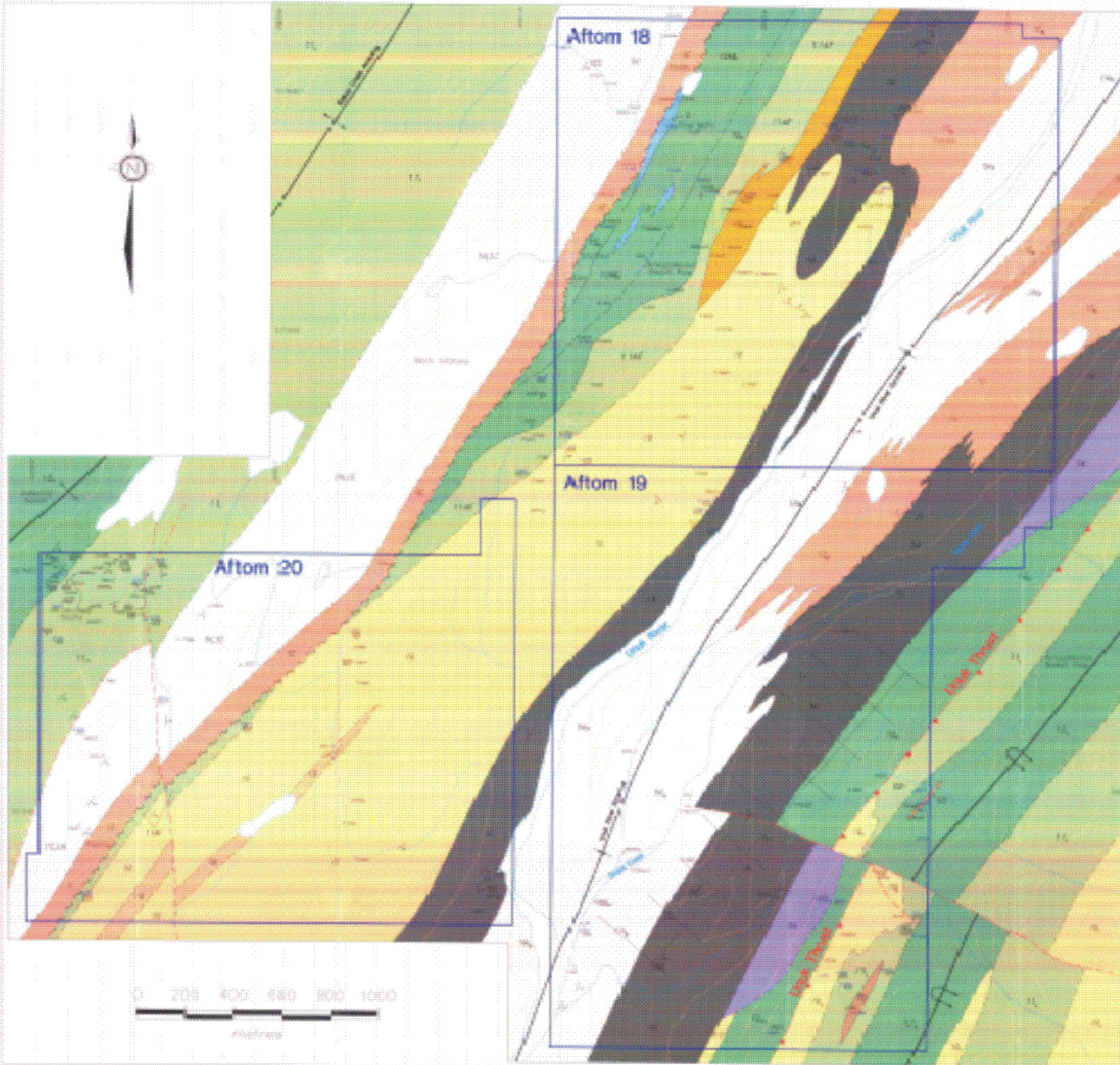
Map Symbols

- Average contour
- General modern contour
- Flowing stream
- Station stream
- Rock sample location and number
- Soil sample location and number
- Soil sample location and number
- Quarry location and number
- Chain boundary
- Contour line (500m interval)
- Fault-Thrust fault
- 1961 and 1961 (Dup 9) well grids
- Anticline, syncline
- Geode sites
- 1000 series oil sample



TAQIÏHI JV.

ESKEY CREEK
 GEOLOGY AND SAMPLE LOCATION MAP
 DUP 5 CLAIM



Legend

Stratigraphy

Browes Lake Group

- Shales with streaks of sandstone
- Fine to coarse grained sandstone
- Chert beds, conglomerate, interbedded sandstone

Hazleton Group

- Unit 5**
 - Fine grey argillaceous sandstone
 - Quartzite, siltstone and black shales
 - Argillaceous sandstone, siltstone and black shales
 - Argillaceous sandstone, siltstone and associated black interbedded shales
 - Argillaceous sandstone, siltstone and associated black interbedded shales
 - Argillaceous sandstone and associated intermediate argillaceous shales
 - Argillaceous sandstone, siltstone and associated black interbedded shales
- Unit 4**
 - Fairly sandstone interbedded with shales
 - Shales interbedded with sandstone
- Unit 3**
 - Argillaceous sandstone, siltstone and associated black interbedded shales
- Unit 2**
 - Argillaceous sandstone and associated intermediate argillaceous shales
 - Volcanic conglomerate
 - Argillaceous sandstone, siltstone and associated black interbedded shales
- Limestone / dolomite
- Conglomerate, sandstone interbedded with shales

Intrusive Rocks

- Gabbro

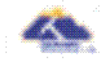
Map Symbols

- Bedding orientation
- Foliation orientation
- Shear zone
- Structural contour
- Geological contour
- Irregular geological contour
- Unconformable contact
- Fault/Thrust fault
- Chain boundary
- Contour line
- Rock sample location and number
- Soil sample location and number
- Soil sample location and number
- Outcrop location and number
- Anticline
- Syncline
- Deformed anticline
- Well location and name

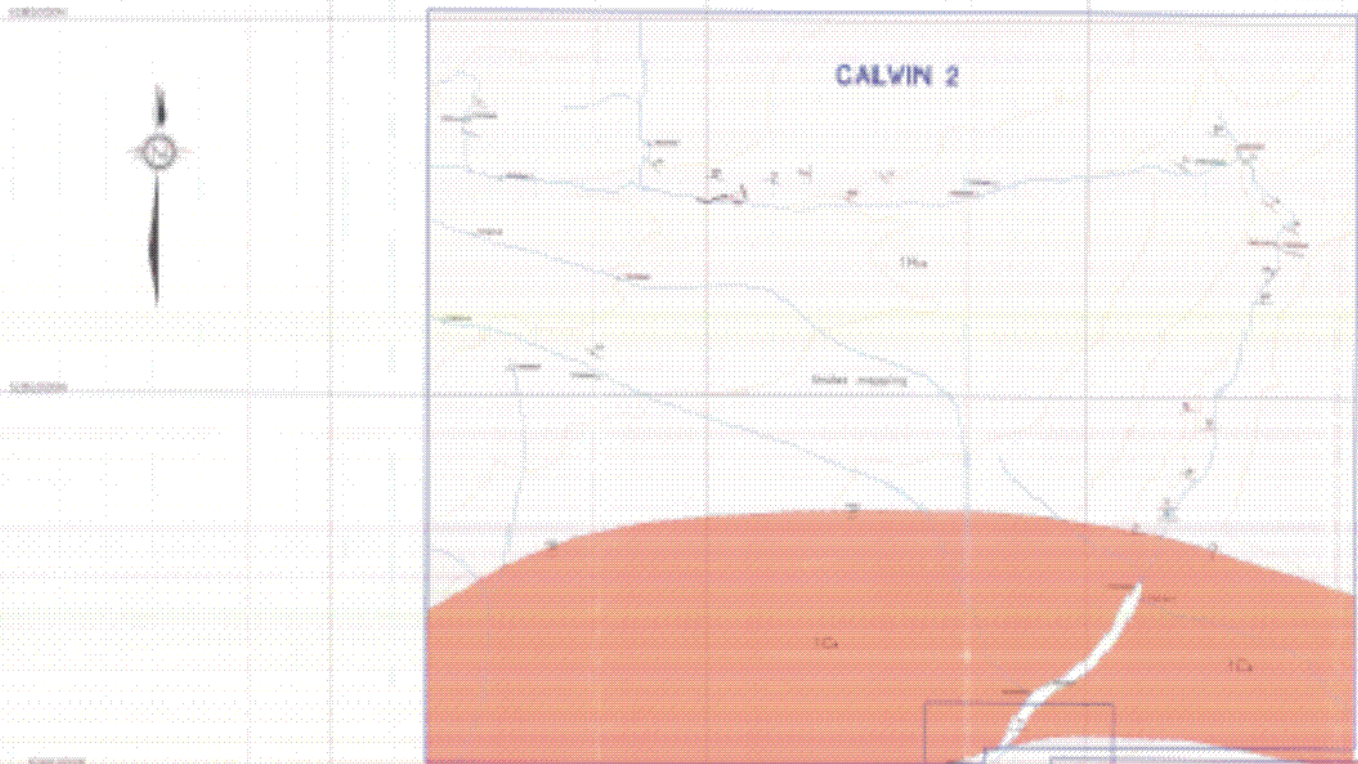
UNIVERSITY OF TORONTO LIBRARY

25.258

1973



Geological Survey of Canada
 25.258
 1973



Legend

Stratigraphy

Bowser Group

- 11a Siltsand with interbeds of mudstone
- 10a Sandstone
- 10b-10z Other pebble conglomerates, interbedded sandstone

Hazelton Group

- Unit 5
 - 10e Fine grey argillaceous fossiliferous
 - 10d Dark grey siltstone
- Unit 4
 - 10f Reddish intermediate volcanic tuff
 - 10g Mudstone, siltstone, calcarenite

Stuhini Group

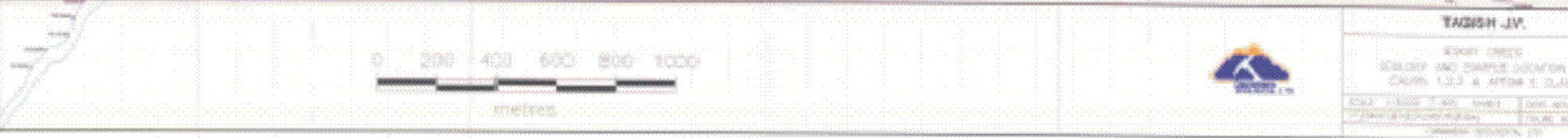
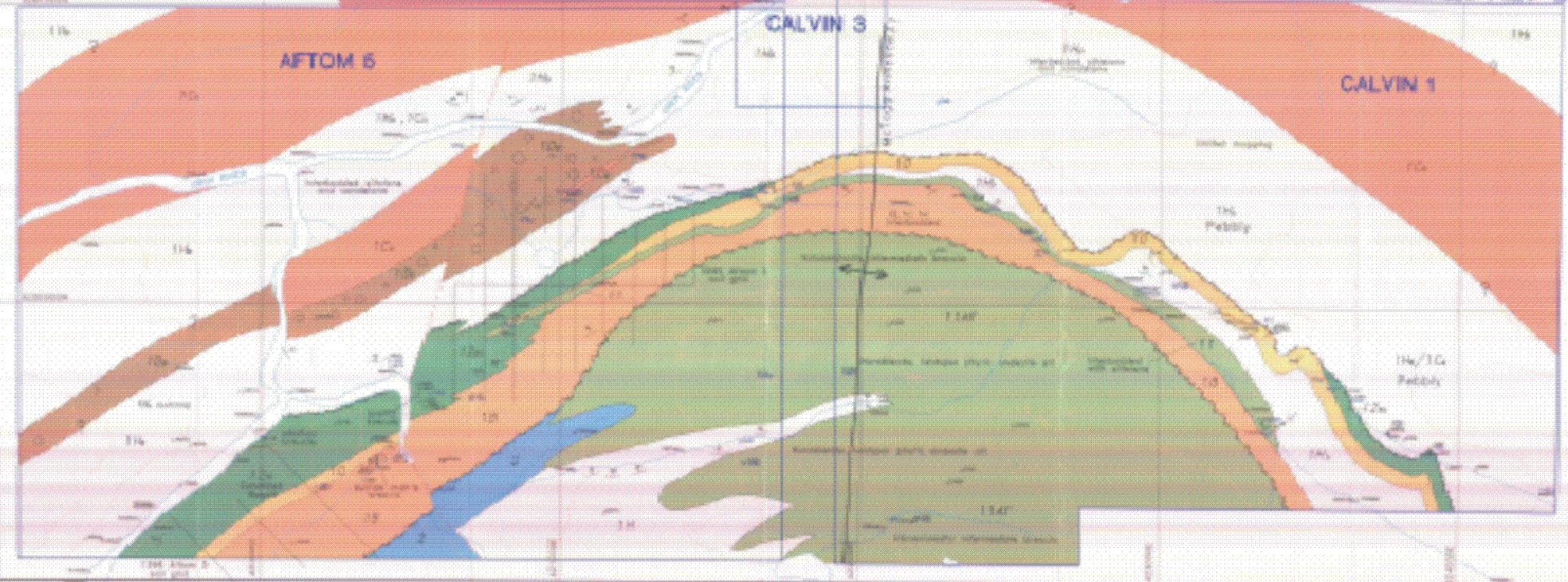
- 11a Argillaceous volcanoclastic breccia, mudstone, calcarenite, siltstone, sandstone
- 11b Limestone
- 11c Shale

Map Symbols

- Bedding contact
- Faulted contact
- Bedding slope toward orientation
- Bedding slope toward orientation
- Bedding contact
- Bedding overturned orientation
- First generation foliation orientation
- Rock sample location and number
- Soil sample location and number
- Site sample location and number
- Quarry location and number
- Quarry rock
- State boundary
- Extent of mapping
- Unconformable contact
- Contour line Interval: 20 m
- Fault
- Mine tail
- Anticline-saddle trace

Graticule values at the 20000 datum were taken in 2005.

25,258



Legend

Stratigraphy

Bowser Group

- 1H₂ Siltstone
- 1C₂ Sandstone
- 1D₂ Conglomerate

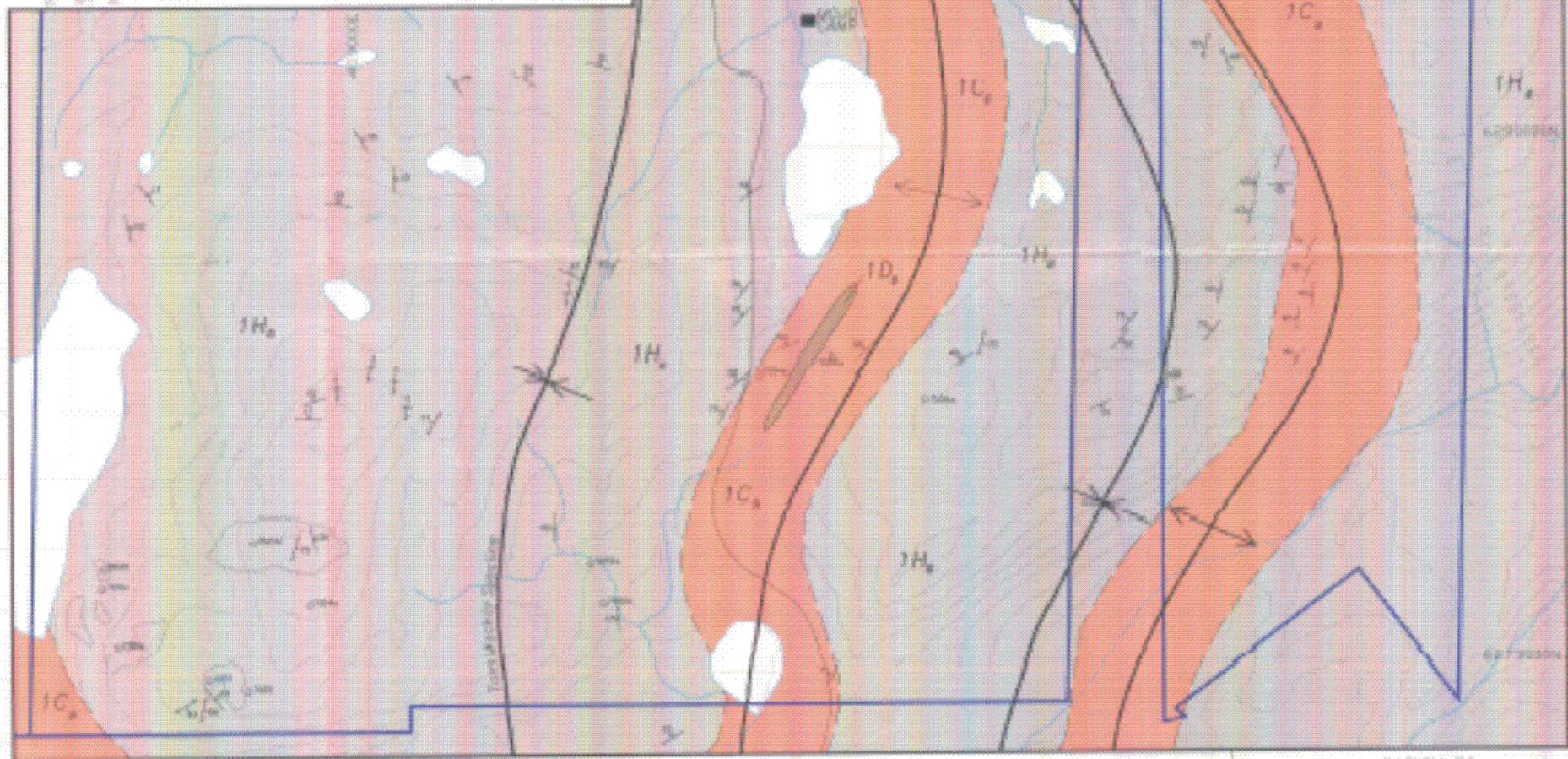
Map Symbols

- Geologic contact
- Assumed geologic contact
- Bedding orientation (top unknown)
- First generation foliation
- Strike and dip of joint
- Axial trace of an anticline
- Axial trace of a syncline
- Sample location and number
- Outcrop location and number
- Structural lineament
- Claim boundary



MINERAL SERVICES BRANCH
ADVISORY REPORT

25,258

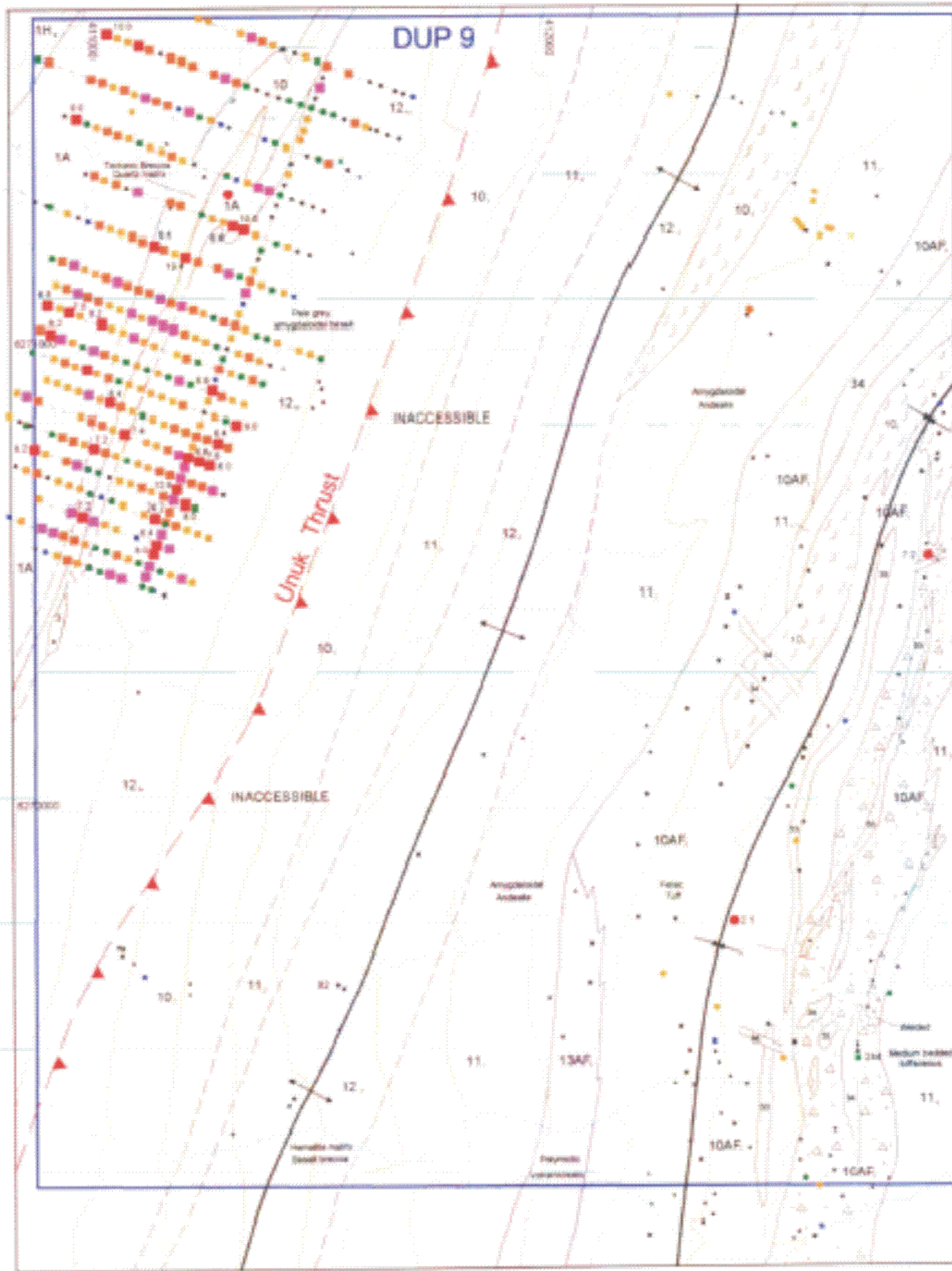


TAGISH JV.

ESSAY CREEK
GEOLOGY AND SAMPLE LOCATION MAP
AFTOM 11, 13 & HAGS 5

SCALE: 1:5,000	REV: 1540/9	DATE: NOV. 13, 1997
FILE: ESAYFORTEG/ENR/019/019.dwg		FIGURE NO. 3
GAMMA GEOLOGICAL LTD.		





Legend

Stratigraphy

Bowser Lake Group

- 10L Silstone with interbeds of mudstone

Hazleton Group

Unit 5

- 12L Fine grey amygdaloidal basalt
- 3 Dolomite
- 1A Silstone with interbeds of mudstone, rhyolite tuff and graphitic argillite
- 10 Aphritic to quartz phytic rhyolite and associated basic volcanoclastic rocks

Unit 3

- 13AF Mixed volcanoclastic rocks
- 10L Undifferentiated aphritic felsic volcanic and volcanoclastic rocks
- 10AF Felsic volcanic facies flow, tuff, tuff, welded tuff

Unit 2

- 11L Aphritic andesite and associated intermediate volcanoclastic rocks
- 12L Aphritic to mafic phytic amygdaloidal basalt

Intrusive Rocks

- 33,34 Diorite, Gabbro

Map Symbols

- Geologic contact
- Assumed geologic contact
- Claim boundary
- Contour line (100m intervals)
- Fault/Thrust fault
- Artesian, spring
- 1985 and 1996 Dup 9 well grids

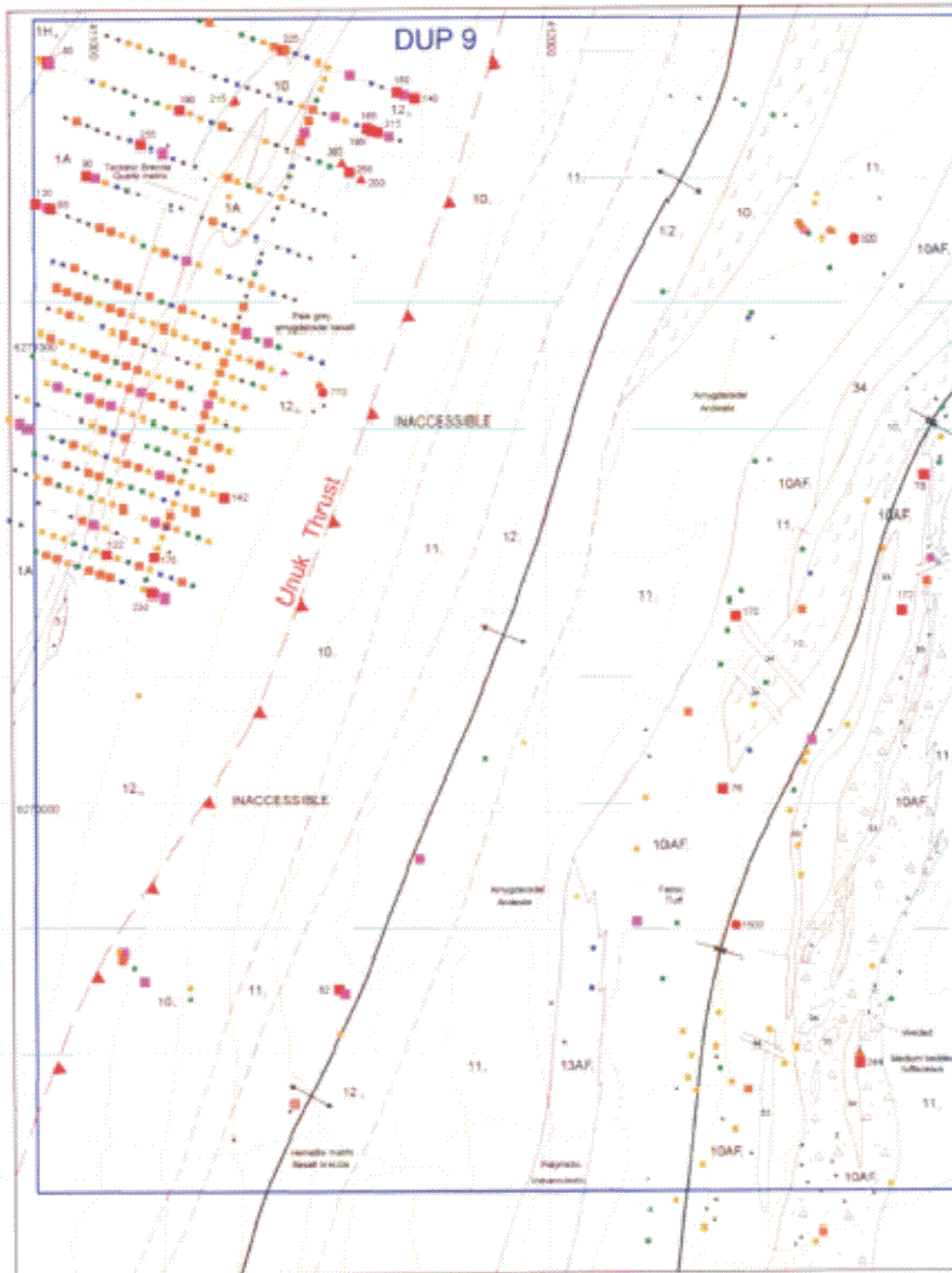
100 0 100 200 300 400 meters

Rocks Ag (ppm)	Sills Ag (ppm)	Sills Ag (ppm)
● 2.0 to 8.0	■ 6.0 to 24.2	▲ 2.4 to 17.4
● 1.4 to 2.0	■ 4.0 to 6.0	▲ 1.4 to 2.4
● 1.0 to 1.4	■ 2.6 to 4.0	▲ 0.7 to 1.4
● 0.8 to 1.0	■ 1.2 to 2.6	▲ 0.4 to 0.7
● 0.4 to 0.8	■ 0.6 to 1.2	▲ 0.2 to 0.4
● 0.2 to 0.4	■ 0.4 to 0.6	▲ 0.2 to 0.3
● 0.0 to 0.2	■ 0.0 to 0.4	▲ 0.0 to 0.2

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TAGISH J.V.
Excess Crew
Dup 9 Claim
Ag (ppm)
Rock, Soil and Sill Geochemistry

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Approved by: M. The Director of Energy and Mines
CANADIAN GEOLOGICAL SURVEY



Legend

Stratigraphy

Dowser Lake Group

- 14. Siltstone with interbeds of mudstone

Hazleton Group

Unit 1

- 12. Fine grey argillaceous basalt
- 3. Dolomite
- 1A. Siltstone with interbeds of mudstone, mudstone silt and graphic siltite
- 10. Aphyric to quartz phric rhyolite and associated basic volcanoclastic rocks

Unit 3

- 13AF. Mixed volcanoclastic rocks
- 12. Undifferentiated aphyric felsic volcanic and volcanoclastic rock

Felsic volcanic facies flow, tuff, tuff, welded tuff

Unit 2

- 11. Aphyric andesite and associated intermediate volcanoclastic rocks
- 12. Aphyric to rhyolite phric argillaceous basalt

Intrusive Rocks

- 33, 34. Dolerite, Gabbro

Map Symbols

- Geologic contact
- Assumed geologic contact
- Claim boundary
- Contour line (100m intervals)
- Fault/Thrust fault
- Anticline, syncline
- 1981 and 1988 Dip 9 grid



Rocks	Sills	Sites
As (ppm)	As (ppm)	As (ppm)
● 300 to 2700	■ 16 to 250	▲ 104 to 1050
● 150 to 300	■ 30 to 75	▲ 77 to 104
● 75 to 150	■ 30 to 45	▲ 54 to 77
● 30 to 75	■ 10 to 30	▲ 29 to 54
● 10 to 30	■ 5 to 15	▲ 15 to 29
● 2 to 10	■ 2 to 5	▲ 5 to 15
● 0 to 2	■ 0 to 2	▲ 0 to 5

25258
2052

TAGISH A.V.

Ensay Creek

Dip 9 Claim

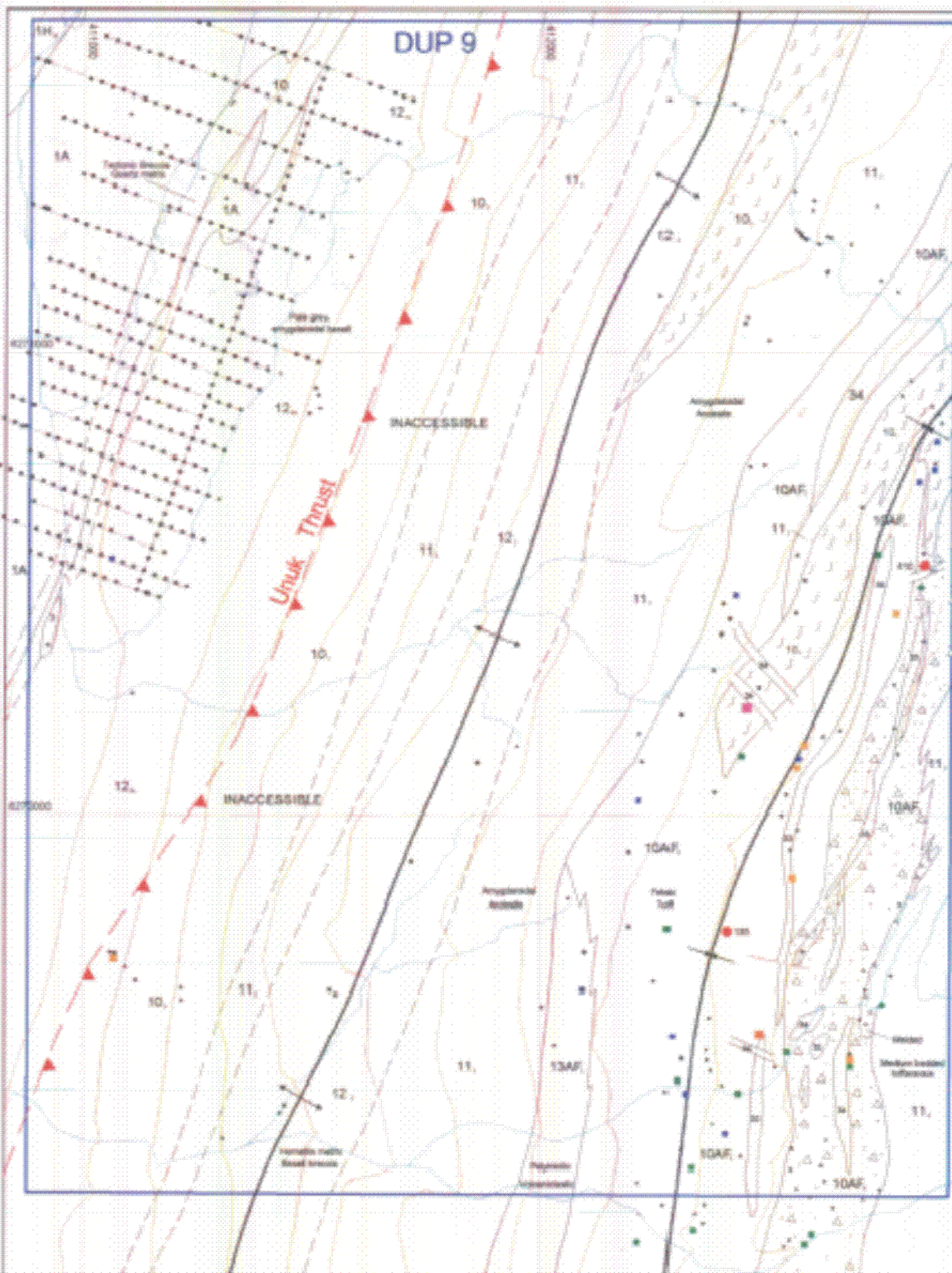
As (ppm)

Rock, Soil and SR Geochemistry

PROPERTY NO.	DATE	SCALE
1000000000	2008-01-01	1:50,000
1000000000	2008-01-01	1:50,000

CANADIAN GEOLOGICAL SERVICE

9



Legend



Stratigraphy

Bosmer Lake Group

- 1A. Siltstone with interbeds of mudstone

Hazletton Group

- Unit 5 12. Fine grey argillaceous basalt

- 3. Dolomite

- 1A. Siltstone with interbeds of mudstone, siltstone tuff, and granitic siltite

- 10. Aphritic to quartz phytic rhyolite and associated basic volcanoclastic rocks

- Unit 3 13AF. Mixed volcanoclastic rocks

- 10. Undifferentiated aphyric felsic volcanic and volcanoclastic rock

- Felsic volcanic facies flow, tuff tuff, and/or tuff

- Unit 2 11. Aphritic to basaltic and associated intermediate volcanoclastic rocks

- 10. Aphritic to mafic phytic argillaceous basalt

Intrusive Rocks

- 3034. Diorite, Gabbro

Map Symbols

- Geologic contact
- Assumed geologic contact
- Claim boundary
- Contour line (100m interval)
- Fault/Thrust fault
- Anticline, syncline
- 1980 and 1985 Dwp 9 wet gird



Rocks Au (ppb)	Salts Au (ppb)	Silts Au (ppb)
● 61 to 63 g/t	■ 130 to 300	▲ 40 to 380
● 17 to 61	■ 40 to 100	▲ 25 to 45
● 10 to 17	■ 30 to 45	▲ 20 to 30
● 10 to 15	■ 15 to 30	▲ 15 to 30
● 7 to 10	■ 10 to 15	▲ 10 to 15
● 5 to 7	■ 5 to 10	▲ 5 to 10
● 0 to 5	■ 0 to 5	▲ 0 to 5

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TAGISH J.V.

Eckey Creek

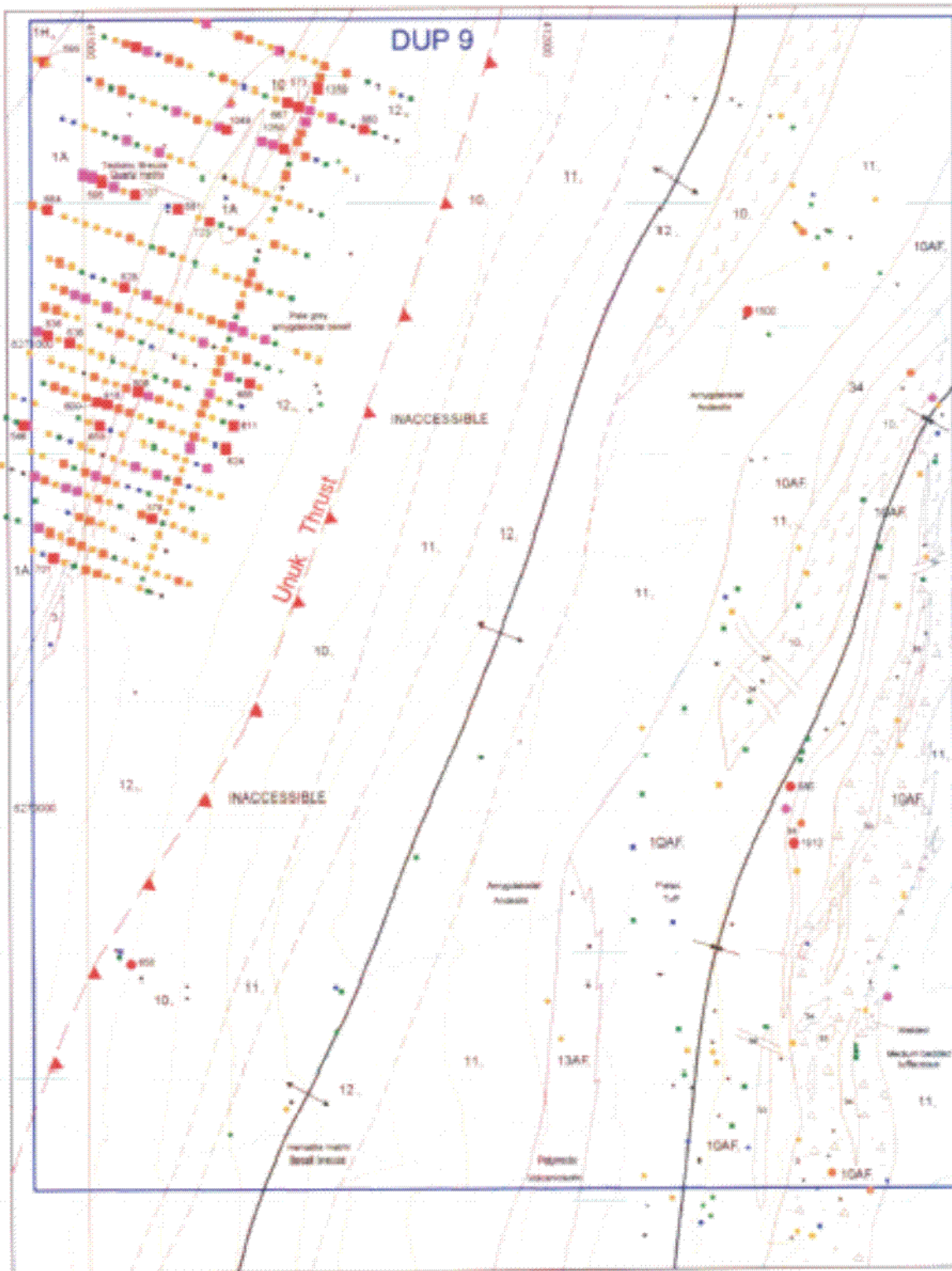
Dwp 9 Claim

Au (ppb)

Rock, Soil and S&E Geochemistry

Approved by: Date: 10/20/10
 Prepared by: File: 25258-01-10
 TAGISH GEOLOGICAL LTD.

10



Legend

Stratigraphy

Bowser Lake Group

11. Silstone with intervals of mudstone

Hazelton Group

Unit 5 10. Fine grey argillaceous tuff

3. Conglomerate

1A. Silstone with intervals of mudstone, rhyolite tuff and granitic siltstone

10. Aphyric to quartz phenic rhyolite and associated fine volcaniclastic rocks

Unit 2

10AF. Mixed volcaniclastic rocks

10. Undifferentiated aphyric fine volcanic and volcaniclastic rock

10AF. Felsic volcanic facies. Flow (split tuff, welded tuff)

Unit 2

11. Aphyric andesite and associated intermediate volcaniclastic rocks

12. Aphyric to mafic phenic argillaceous tuff

Intrusive Rocks

33/34. Granite, Diorite

Map Symbols

Geologic contact

Assumed geologic contact

Open boundary

Contour line (100m interval)

Fault/Thrust fault

Archean, sunline

1985 and 1986 Dup 9 soil grid



meters

Rocks

Zn (ppm)

● 801 to 4,236

● 234 to 801

● 146 to 234

● 106 to 146

● 80 to 106

● 46 to 80

● 0 to 46

Soils

Zn (ppm)

■ 546 to 2143

■ 336 to 546

■ 286 to 336

■ 147 to 286

■ 104 to 147

■ 85 to 104

■ 0 to 85

SWs

Zn (ppm)

▲ 807 to 12602

▲ 549 to 807

▲ 412 to 549

▲ 200 to 412

▲ 148 to 200

▲ 129 to 148

▲ 0 to 129

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TACISBY 21X
Eskay Creek
Dup 9 Catch
Zn (ppm)
Rock, Soil and SW Geochemistry

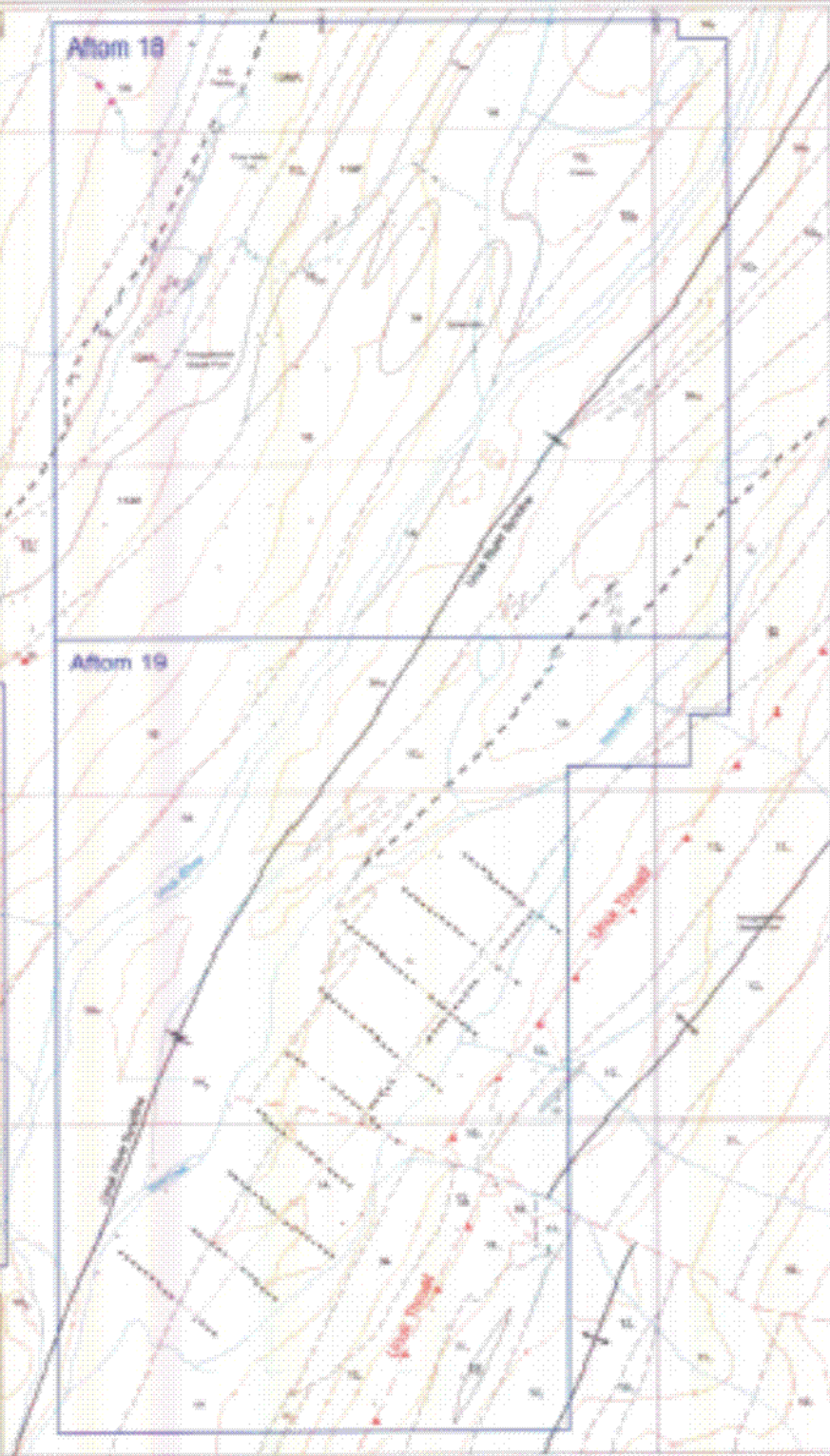
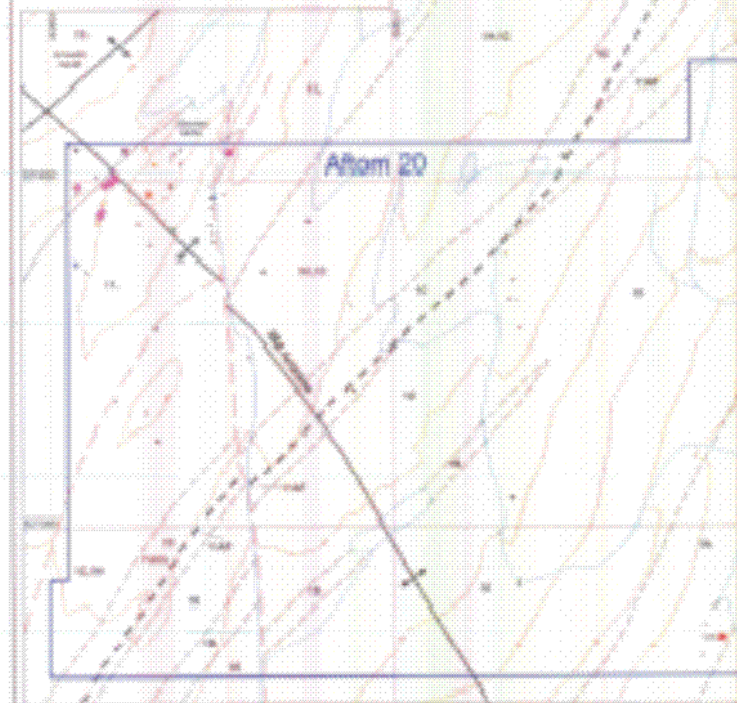
Date	1985	1986	1988	1989
Map No.	100	101	102	103
Scale	1:50,000	1:50,000	1:50,000	1:50,000

GEOSCIENCE CANADA

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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Legend

Stratigraphy

Bowser Lake Group

- 16. Shale with intervals of limestone
- 17. Fine to coarse grained sandstone
- 18. Thin sandy conglomerate interbedded sandstone

Hazelton Group

Unit 5

- 19. Fine grey argillaceous siltstone
- 20. Thinly bedded sandstone above (Unit 19); sandstone and shale above (Unit 19) (Unit 5)
- 21. Siltstone to coarse grained siltstone and sandstone (Unit 5) (Unit 5)
- 22. Siltstone to coarse grained siltstone
- 23. Siltstone and sandstone interbedded (Unit 5) (Unit 5)
- 24. Siltstone to coarse grained siltstone (Unit 5) (Unit 5)

Unit 4

- 25. Finely bedded sandstone with shale
- 26. Shale interbedded with sandstone

Unit 3/1

- 27. Siltstone to coarse grained siltstone with (Unit 3) (Unit 1) and (Unit 3) (Unit 1)

Unit 2

- 28. Siltstone and sandstone interbedded (Unit 2) (Unit 2)
- 29. Shale (Unit 2)
- 30. Siltstone to argillaceous sandstone with (Unit 2) (Unit 2)

Intrusive Rocks

- 31. Granite (Unit 3)
- 32. Dioritic to gabbroic diorite with (Unit 3) (Unit 3)

Map Symbols

- 33. Boundary
- 34. Section gauge station
- 35. Stratigraphic contact
- 36. Fault/line
- 37. Station
- 38. Spring
- 39. Road boundary
- 40. Tunnel
- 41. Well (Unit 3) (Unit 3)

Color	Unit	Scale
Red	19	1:100,000
Orange	20	1:100,000
Yellow	21	1:100,000
Light Green	22	1:100,000
Green	23	1:100,000
Dark Green	24	1:100,000
Blue	25	1:100,000
Light Blue	26	1:100,000
Dark Blue	27	1:100,000
Black	28	1:100,000
Grey	29	1:100,000
White	30	1:100,000

Scale

0 100 200 300 400 500 600

Geological Survey of Canada

1:100,000

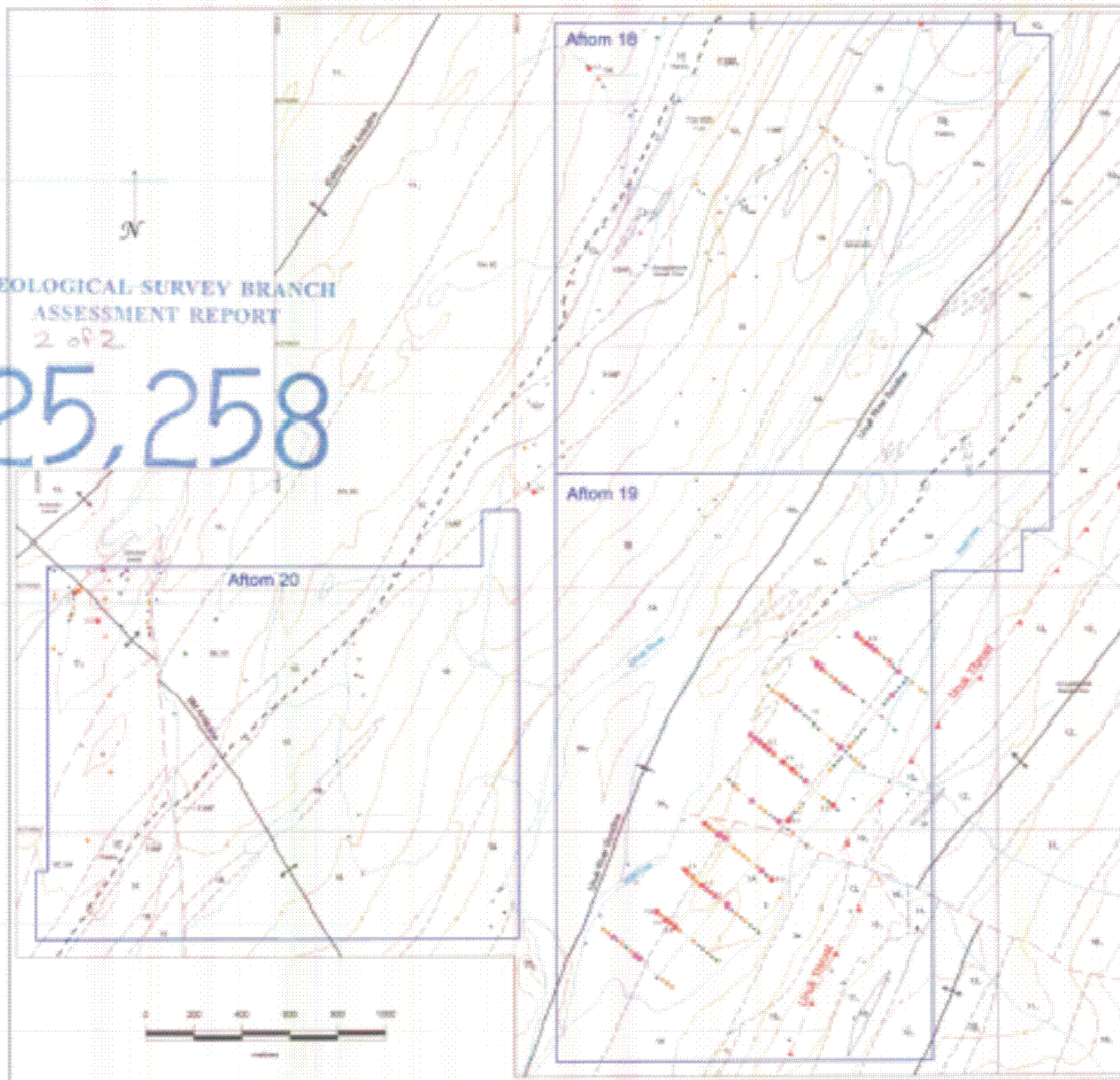
2000

2

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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Legend

Topography

Hazleton Lake Group

- 10. Shale with lenses of sandstone
- 11. Fine to coarse grained sandstone
- 12. Thin to thick sandstone, interbedded shale

Hazleton Group

- Unit 5
 - 13. Fine grained sandstone
 - 14. Coarse grained sandstone with thin shale
 - 15. Argillite with quartz pebbles and sandstone
 - 16. Argillite with quartz pebbles and sandstone
 - 17. Argillite with quartz pebbles and sandstone
 - 18. Argillite with quartz pebbles and sandstone
 - 19. Argillite with quartz pebbles and sandstone
- Unit 4
 - 20. Argillite with quartz pebbles and sandstone
 - 21. Argillite with quartz pebbles and sandstone
- Unit 3
 - 22. Argillite with quartz pebbles and sandstone
 - 23. Argillite with quartz pebbles and sandstone
 - 24. Argillite with quartz pebbles and sandstone
- Unit 2
 - 25. Argillite with quartz pebbles and sandstone
 - 26. Argillite with quartz pebbles and sandstone
 - 27. Argillite with quartz pebbles and sandstone
- Unit 1
 - 28. Argillite with quartz pebbles and sandstone
 - 29. Argillite with quartz pebbles and sandstone

Intrusive Rocks

- 30. Granite

Map Symbols

- 31. Stream bed
- 32. Stream bed
- 33. Stream bed
- 34. Stream bed
- 35. Stream bed
- 36. Stream bed
- 37. Stream bed
- 38. Stream bed
- 39. Stream bed
- 40. Stream bed

Unit	Color	Symbol
10	Light Brown	Shaded
11	Light Brown	Shaded
12	Light Brown	Shaded
13	Light Brown	Shaded
14	Light Brown	Shaded
15	Light Brown	Shaded
16	Light Brown	Shaded
17	Light Brown	Shaded
18	Light Brown	Shaded
19	Light Brown	Shaded
20	Light Brown	Shaded
21	Light Brown	Shaded
22	Light Brown	Shaded
23	Light Brown	Shaded
24	Light Brown	Shaded
25	Light Brown	Shaded
26	Light Brown	Shaded
27	Light Brown	Shaded
28	Light Brown	Shaded
29	Light Brown	Shaded
30	Light Brown	Shaded

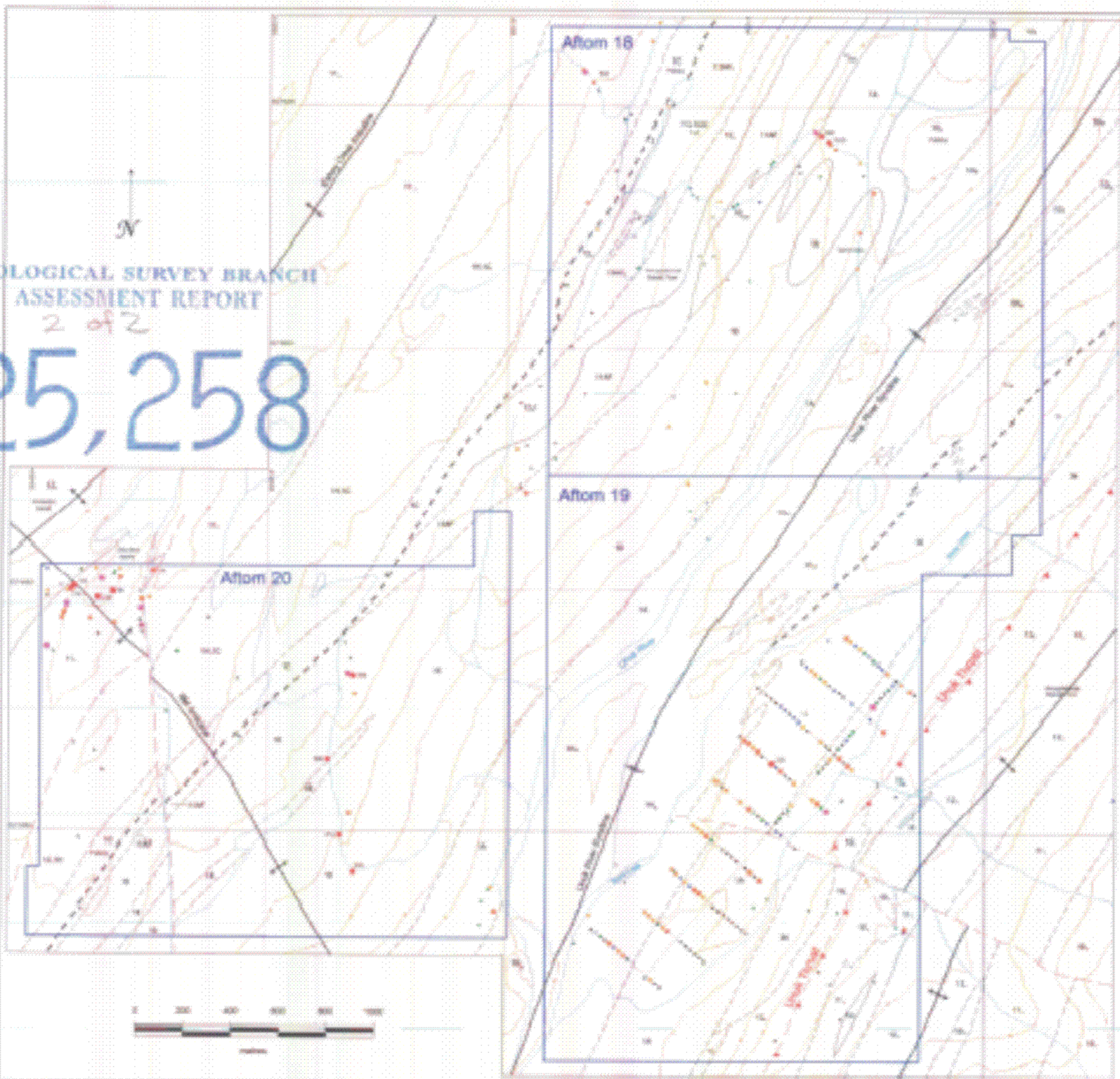


Map of the
Geological Survey Branch
Department of Natural Resources
Ontario
Scale 1:50,000

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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Legend

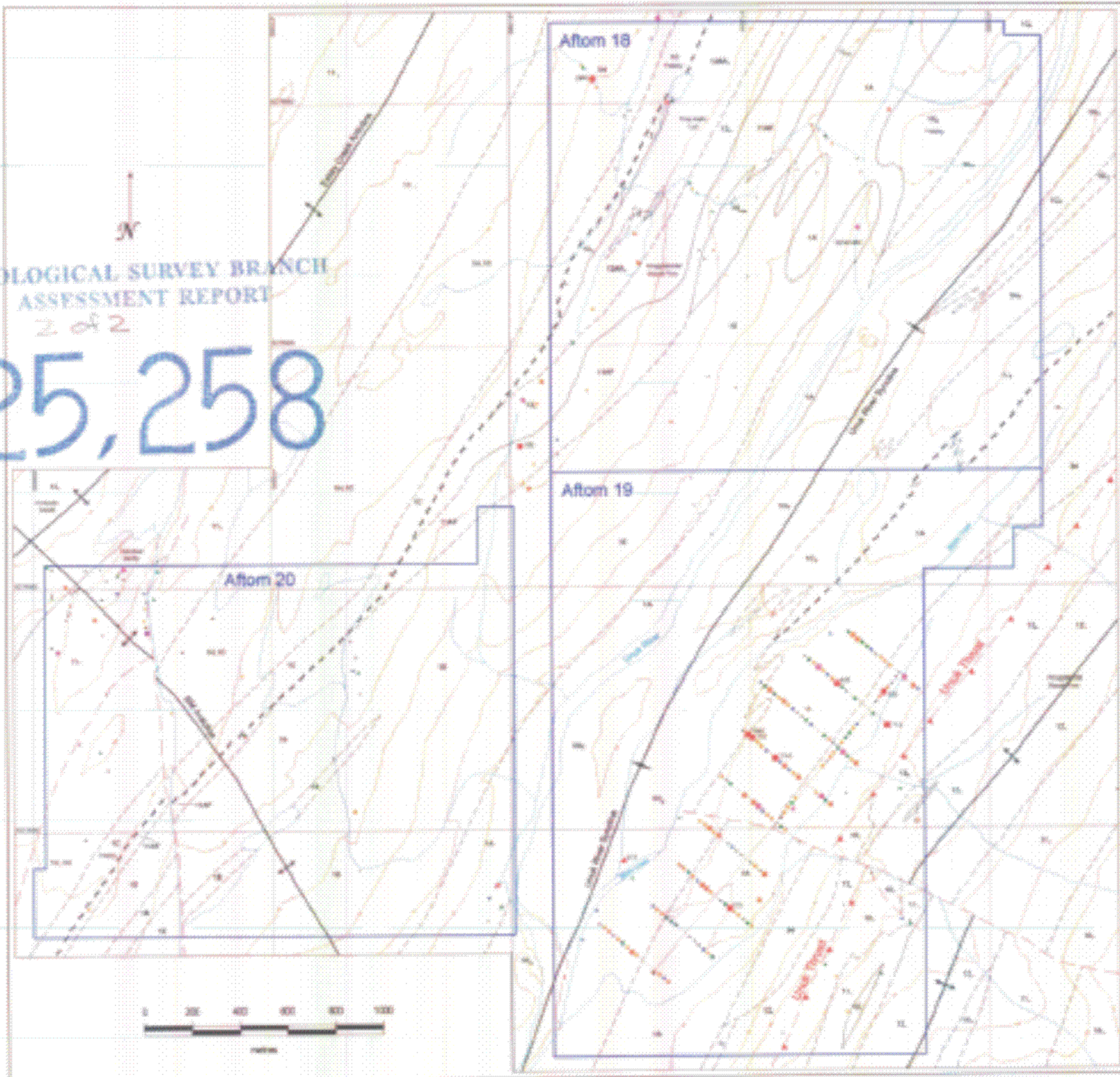
- Stratigraphy**
- Bowser Lake Group**
- 16. Massive siltstone or mudstone
 - 17. Thin to medium grained sandstone
 - 18. Thin siltstone conglomerate
- Hazleton Group**
- Unit 5**
- 19. Fine grained argillaceous mudstone
 - 20. Argillaceous siltstone and mudstone with thin to medium grained sandstone and mudstone
 - 21. Argillaceous siltstone and mudstone with scattered thin to medium grained sandstone
 - 22. Argillaceous siltstone and mudstone with scattered thin to medium grained sandstone
 - 23. Argillaceous siltstone and mudstone with scattered thin to medium grained sandstone
 - 24. Argillaceous siltstone and mudstone with scattered thin to medium grained sandstone
 - 25. Argillaceous siltstone and mudstone with scattered thin to medium grained sandstone
- Unit 4**
- 26. Finely bedded siltstone with shaly partings
 - 27. Shale interbedded with sandstone
- Unit 3/1**
- 28. Argillaceous siltstone and mudstone with scattered thin to medium grained sandstone
- Unit 2**
- 29. Argillaceous siltstone and mudstone with scattered thin to medium grained sandstone
 - 30. Siltstone conglomerate
 - 31. Argillaceous siltstone and mudstone with scattered thin to medium grained sandstone
- Unit 1**
- 32. Sandstone and siltstone
 - 33. Sandstone and siltstone with scattered thin to medium grained sandstone
- Intrusive Rocks**
- 34. Granite
- Map Symbols**
- 35. Boundary symbol
 - 36. Boundary symbol
 - 37. Boundary symbol
 - 38. Boundary symbol
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 - 93. Boundary symbol
 - 94. Boundary symbol
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 - 96. Boundary symbol
 - 97. Boundary symbol
 - 98. Boundary symbol
 - 99. Boundary symbol
 - 100. Boundary symbol

Geological Survey of Canada
1000 - 100 Ave. NW
Edmonton, Alberta T6E 6G1
Canada

GEOLOGICAL SURVEY BRANCH
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Legend

- Stratigraphy**
- Bower Lake Group**
- 16. Shale with streaks of sandstone
 - 17. Thin shale and sandstone
 - 18. Thin sandstone and shale
- Hazleton Group**
- Unit 5**
- 11. Thin grey argillaceous sandstone
 - 12. Shale, argillaceous and shaly sandstone (some purple shales and shaly sandstone)
 - 13. Argillaceous sandstone and shaly sandstone (some shaly sandstone)
 - 14. Argillaceous sandstone and shaly sandstone
 - 15. Argillaceous sandstone and shaly sandstone
 - 16. Argillaceous sandstone and shaly sandstone
 - 17. Argillaceous sandstone and shaly sandstone
 - 18. Argillaceous sandstone and shaly sandstone
 - 19. Argillaceous sandstone and shaly sandstone
 - 20. Argillaceous sandstone and shaly sandstone
- Unit 4**
- 21. Shale, sandstone and shaly sandstone
 - 22. Shale, sandstone and shaly sandstone
- Unit 3/1**
- 23. Argillaceous sandstone and shaly sandstone (some shaly sandstone)
 - 24. Shale, sandstone and shaly sandstone
- Unit 2**
- 25. Argillaceous sandstone and shaly sandstone
 - 26. Shale, sandstone and shaly sandstone
 - 27. Argillaceous sandstone and shaly sandstone
 - 28. Shale, sandstone and shaly sandstone
 - 29. Shale, sandstone and shaly sandstone
 - 30. Shale, sandstone and shaly sandstone
 - 31. Shale, sandstone and shaly sandstone
 - 32. Shale, sandstone and shaly sandstone
 - 33. Shale, sandstone and shaly sandstone
 - 34. Shale, sandstone and shaly sandstone
 - 35. Shale, sandstone and shaly sandstone
 - 36. Shale, sandstone and shaly sandstone
 - 37. Shale, sandstone and shaly sandstone
 - 38. Shale, sandstone and shaly sandstone
 - 39. Shale, sandstone and shaly sandstone
 - 40. Shale, sandstone and shaly sandstone
 - 41. Shale, sandstone and shaly sandstone
 - 42. Shale, sandstone and shaly sandstone
 - 43. Shale, sandstone and shaly sandstone
 - 44. Shale, sandstone and shaly sandstone
 - 45. Shale, sandstone and shaly sandstone
 - 46. Shale, sandstone and shaly sandstone
 - 47. Shale, sandstone and shaly sandstone
 - 48. Shale, sandstone and shaly sandstone
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 - 100. Shale, sandstone and shaly sandstone
- Intrusive Rocks**
- 101. Granite
- Map Symbols**
- 102. Boundary
 - 103. Boundary
 - 104. Boundary
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 - 198. Boundary
 - 199. Boundary
 - 200. Boundary

Scale 1:50,000
 Date: 1998
 Author: [Name]
 Title: [Title]
 Project: [Project]
 Scale: 1:50,000
 Date: 1998

Legend

Stratigraphy

- Bowser Group**
 - 15c: Metasilt with interbeds of mudstone
 - 15b: Sandstone
 - 15a: Dark pebble conglomerate, interbedded sandstone
- Hazelton Group**
 - Unit 5**
 - 12c: Fine grey argillaceous sand
 - 12b: Shaly siltstone, shaly siltstone and other shaly units
 - 12a: Shaly to sandy shaly siltstone and associated beds, various units
 - 11: Shaly siltstone and associated intermediate volcanoclastic units
 - Unit 3**
 - 10: Polygenic volcanoclastic units, volcanoclastic units
 - 9b: Sandstone
 - 9a: Siltstone
 - 10: Differentiated siltstone to sandy shaly siltstone and associated beds, volcanoclastic units
 - Unit 2**
 - 11: Shaly to fine-grained, argillaceous, shaly siltstone
 - 12: Shaly to sandy shaly argillaceous sand
- Intrusive Rocks**
 - 34: Gneiss

Map Symbols

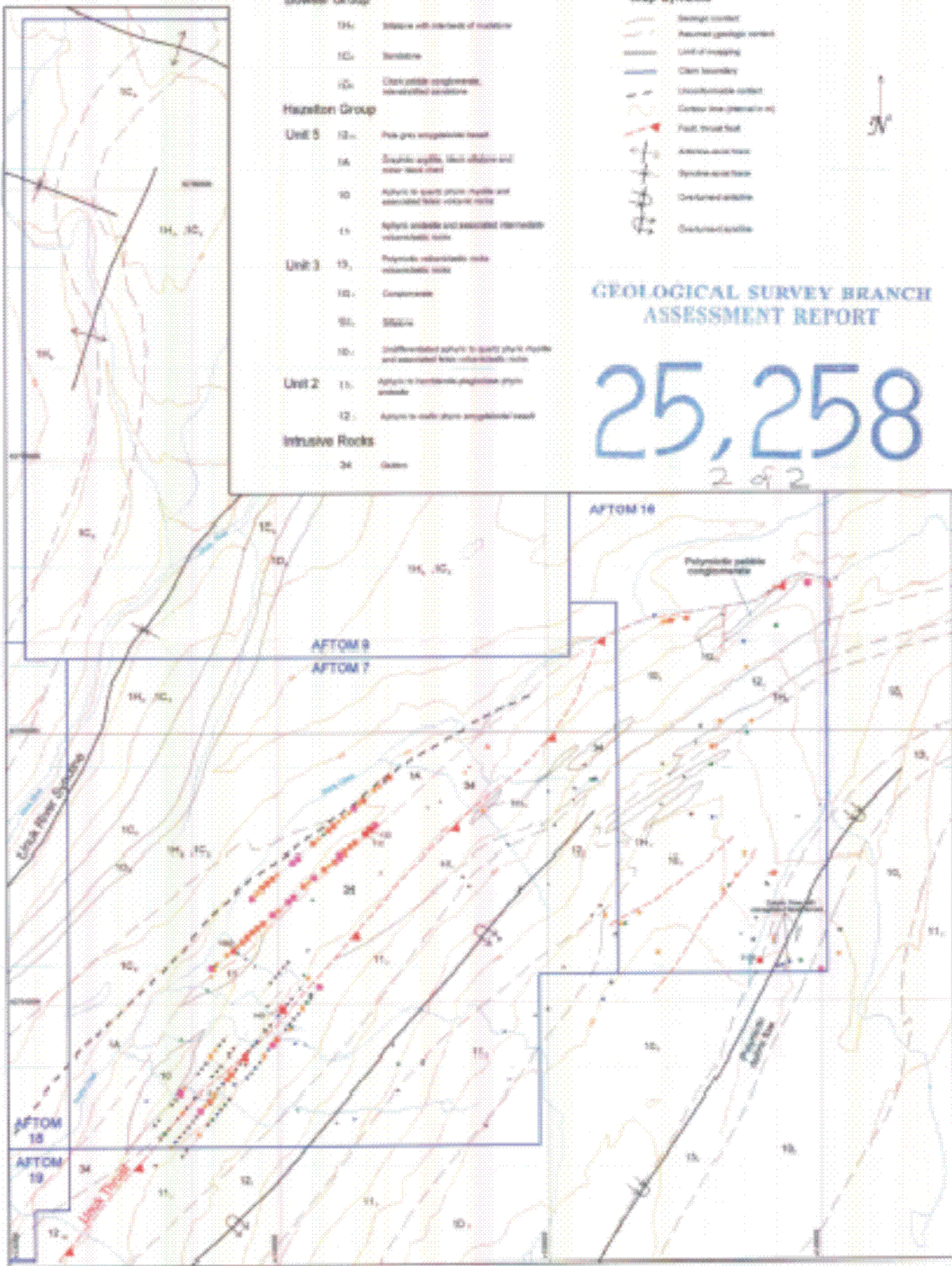
- Storage contour
- Resource geologic contour
- Limit of mapping
- Claim boundary
- Unconformable contact
- Contour line (interior etc)
- Fault thrust fault
- Anticline nose fault
- Synclinal nose fault
- Overturned anticline
- Overturned syncline



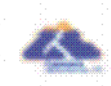
GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT

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Scale	Units	Scale	Units	Scale	Units
1:100,000	1:100,000	1:100,000	1:100,000	1:100,000	1:100,000
1:200,000	1:200,000	1:200,000	1:200,000	1:200,000	1:200,000
1:300,000	1:300,000	1:300,000	1:300,000	1:300,000	1:300,000
1:400,000	1:400,000	1:400,000	1:400,000	1:400,000	1:400,000
1:500,000	1:500,000	1:500,000	1:500,000	1:500,000	1:500,000
1:600,000	1:600,000	1:600,000	1:600,000	1:600,000	1:600,000
1:700,000	1:700,000	1:700,000	1:700,000	1:700,000	1:700,000
1:800,000	1:800,000	1:800,000	1:800,000	1:800,000	1:800,000
1:900,000	1:900,000	1:900,000	1:900,000	1:900,000	1:900,000
1:1,000,000	1:1,000,000	1:1,000,000	1:1,000,000	1:1,000,000	1:1,000,000



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1:100,000
1:200,000
1:300,000
1:400,000
1:500,000
1:600,000
1:700,000
1:800,000
1:900,000
1:1,000,000



Legend

Stratigraphy

- Bowser Group**
- 14a. Silts with interbed of mudstone
 - 12. Sandstone
 - 10. Clay shale conglomerate, interbedded mudstone
- Hazleton Group**
- Unit 5**
- 15. Fine grey siltstone/sandstone
 - 14. Clay shale siltstone, block calcation and some mudstone
 - 10. Argon to quartz siltstone, siltstone and associated thin calcareous beds
 - 11. Argon siltstone and associated intermediate calcareous beds
- Unit 3**
- 15. Fine to medium siltstone, calcareous beds
 - 10. Conglomerate
 - 14. Silts
 - 10. Unfossiliferous argon to quartz siltstone, mudstone and associated thin calcareous beds
- Unit 2**
- 11. Argon to fine to medium siltstone, siltstone
 - 12. Argon to medium siltstone, siltstone
- Intrusive Rocks**
- 34. Gneiss

Map Symbols

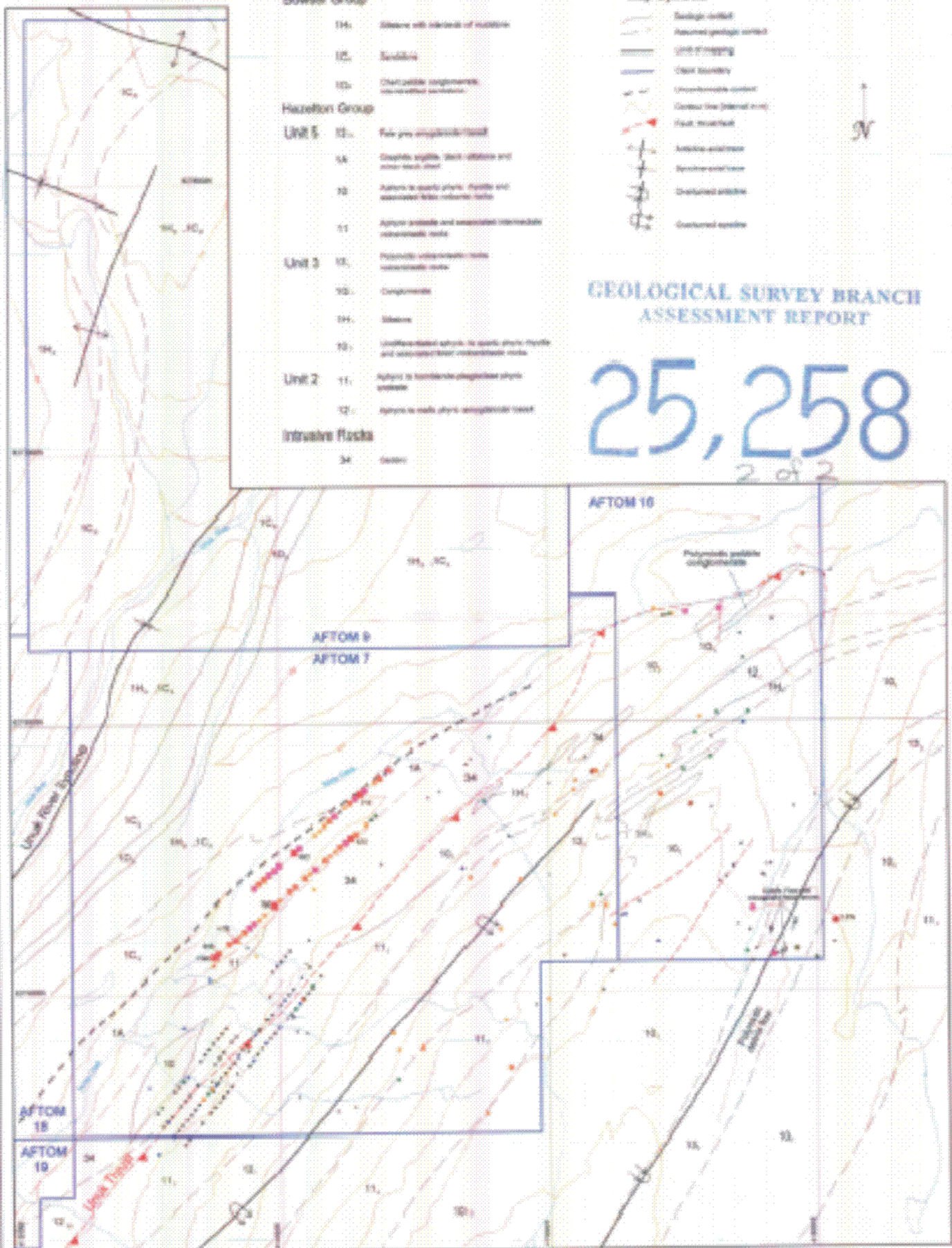
- Bedrock contact
- Assumed geologic contact
- 1:250,000 mapping
- Clear boundary
- Unconformable contact
- Contact line (partial view)
- Fault movement
- Anticline axis
- Synclinal axis
- Deformed strata
- Deformed strata



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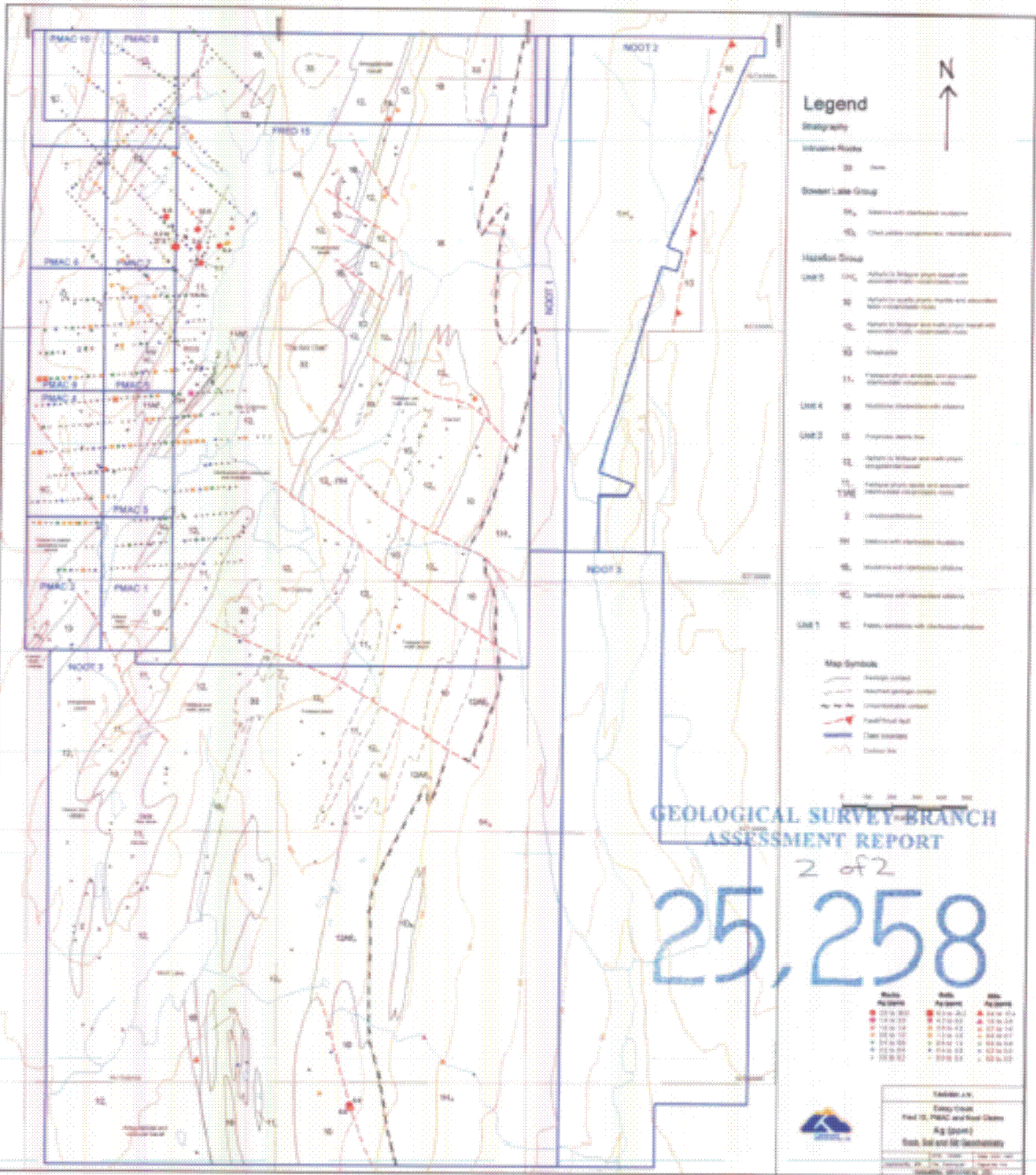
2 of 2



Scale	Scale	Scale
1:50,000	1:50,000	1:50,000
0.00 to 0.05	0.00 to 0.05	0.00 to 0.05
0.05 to 0.10	0.05 to 0.10	0.05 to 0.10
0.10 to 0.15	0.10 to 0.15	0.10 to 0.15
0.15 to 0.20	0.15 to 0.20	0.15 to 0.20
0.20 to 0.25	0.20 to 0.25	0.20 to 0.25
0.25 to 0.30	0.25 to 0.30	0.25 to 0.30
0.30 to 0.35	0.30 to 0.35	0.30 to 0.35
0.35 to 0.40	0.35 to 0.40	0.35 to 0.40
0.40 to 0.45	0.40 to 0.45	0.40 to 0.45
0.45 to 0.50	0.45 to 0.50	0.45 to 0.50
0.50 to 0.55	0.50 to 0.55	0.50 to 0.55
0.55 to 0.60	0.55 to 0.60	0.55 to 0.60
0.60 to 0.65	0.60 to 0.65	0.60 to 0.65
0.65 to 0.70	0.65 to 0.70	0.65 to 0.70
0.70 to 0.75	0.70 to 0.75	0.70 to 0.75
0.75 to 0.80	0.75 to 0.80	0.75 to 0.80
0.80 to 0.85	0.80 to 0.85	0.80 to 0.85
0.85 to 0.90	0.85 to 0.90	0.85 to 0.90
0.90 to 0.95	0.90 to 0.95	0.90 to 0.95
0.95 to 1.00	0.95 to 1.00	0.95 to 1.00



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 Department of Natural Resources
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Legend

- Topography**
- Contour Lines
- Drainage**
- Stream
- Geological Group**
- UNIT 5: 10% - 15% (Sandy to silty sandstone and siltstone)
 - UNIT 4: 16% - 20% (Sandy to silty sandstone and siltstone)
 - UNIT 3: 21% - 25% (Sandy to silty sandstone and siltstone)
 - UNIT 2: 26% - 30% (Sandy to silty sandstone and siltstone)
 - UNIT 1: 31% - 35% (Sandy to silty sandstone and siltstone)
- Map Symbols**
- Geological Contact
 - Structural Boundary
 - Fault
 - Lineament

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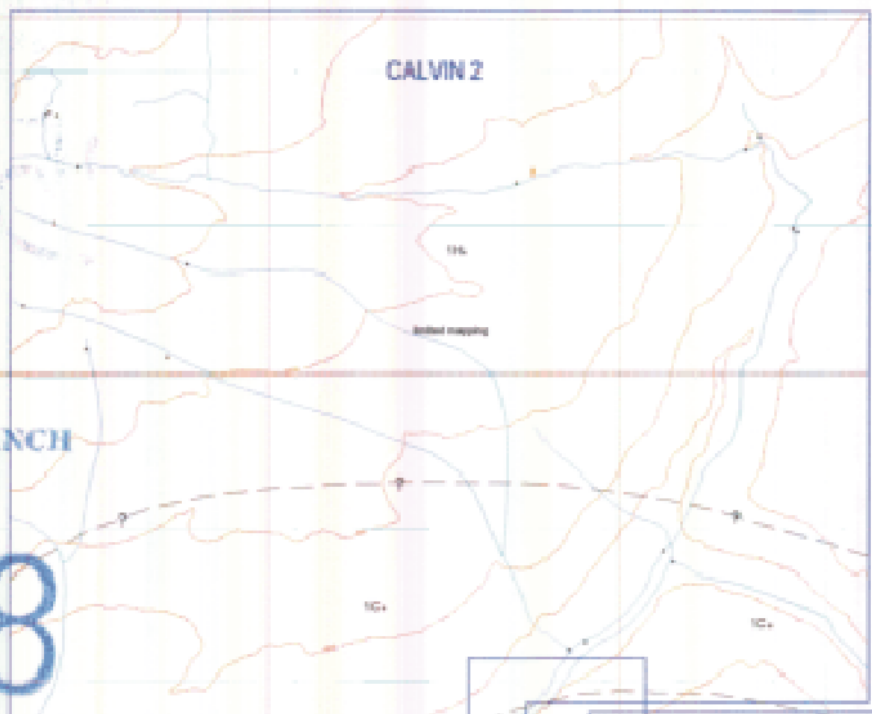
25,258

Block	Area	Volume	Area	Volume
1	1000	1000	1000	1000
2	1000	1000	1000	1000
3	1000	1000	1000	1000
4	1000	1000	1000	1000
5	1000	1000	1000	1000
6	1000	1000	1000	1000
7	1000	1000	1000	1000
8	1000	1000	1000	1000
9	1000	1000	1000	1000
10	1000	1000	1000	1000

TABLE 1.1
 Energy Unit
 Field 10, PMAC and Root 10
 Ag (gpm)
 from 10 and 10 (Continued)

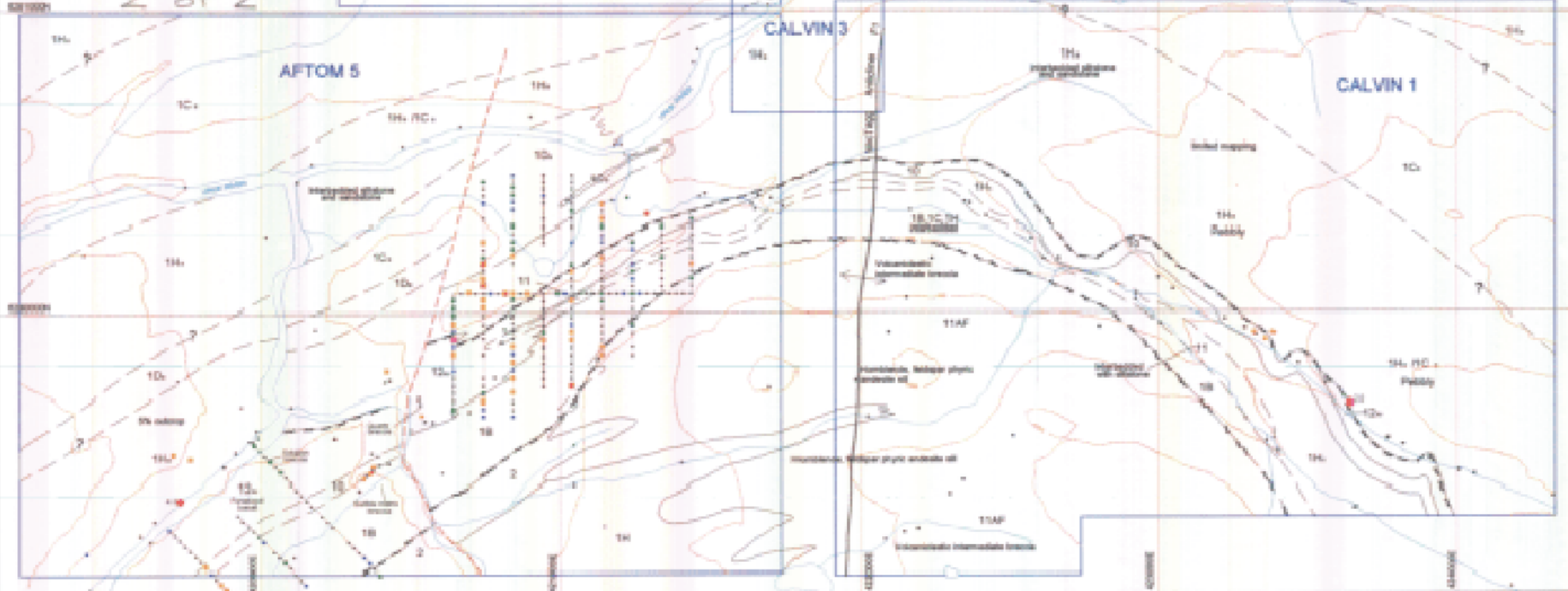
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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Legend

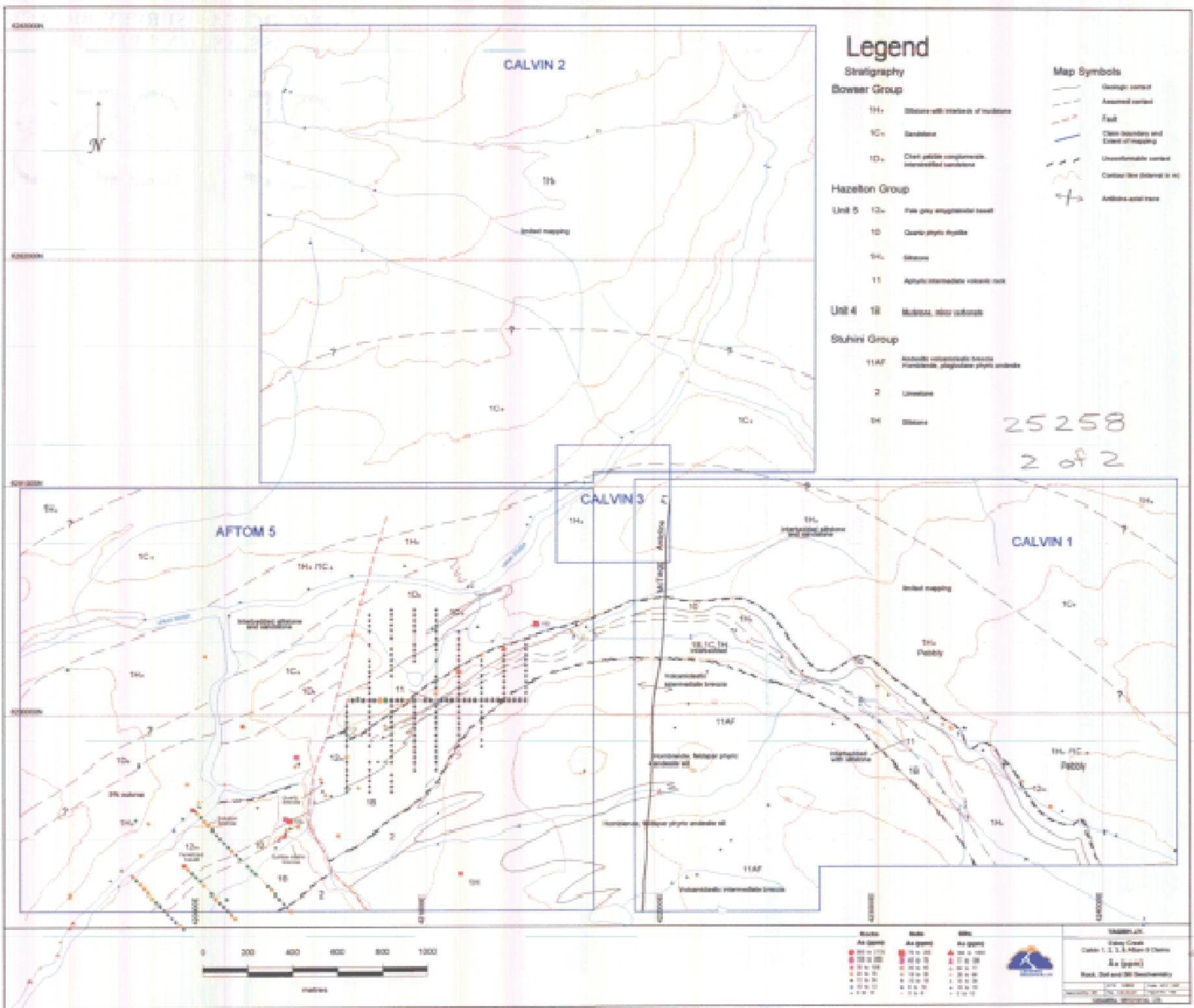
- Stratigraphy**
- Bowser Group**
- 11a- Shales with interbeds of mudstone
 - 10c- Sandstone
 - 10b- Clay shale (inclined), interbedded sandstone
- Hazelton Group**
- Unit 5 10a- Fine grey siltstone sand
 - 10- Greenish grey siltstone
 - 14a- Shale
 - 11- Argillite intermediate volcanic rock
- Unit 4 10- Mudstone, clay sandstone**
- Stuhini Group**
- 11AF- Argillite, siltstone, shale, mudstone, argillite, siltstone
 - 2- Sandstone
 - 11- Shale
- Map Symbols**
- Geologic contact
 - Assumed contact
 - Fault
 - Chain boundary and extent of mapping
 - Unconformable contact
 - Composite (partial or no)
 - Arbitrary solid line



Scale	Scale	Scale
Ag (years)	Ag (years)	Ag (years)
1:250,000	1:100,000	1:50,000
1:100,000	1:50,000	1:25,000
1:50,000	1:25,000	1:12,500
1:25,000	1:12,500	1:6,250
1:12,500	1:6,250	1:3,125
1:6,250	1:3,125	1:1,562
1:3,125	1:1,562	1:781
1:1,562	1:781	1:390
1:781	1:390	1:195



Worksheet 258
Geological Survey of Canada
Calvin 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100



Legend

Stratigraphy

- Bowser Group**
- 11a Shales with intervals of mudstone
 - 10c Sandstone
 - 10a Clay shale conglomerate interbedded sandstone
- Hazelton Group**
- Unit 5
- 12a Fine grey siltstone sandstone
 - 10 Quartzite siltstone
 - 11a Shale
 - 11 Argillaceous intermediate volcanic rock
- Unit 4
- 18 Mudstone, siltstone
- Stuhini Group**
- 11AF Sandstone conglomerate breccia
interbedded argillaceous siltstone
 - 2 Limestone
 - 11L Shale

- ## Map Symbols
- Group contact
 - Assumed contact
 - Fault
 - Drain boundary and limit of mapping
 - Unconformity contact
 - Contact line inferred to be
 - Address point

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Rock	Soil	Site
11a	11a	11a
10c	10c	10c
10a	10a	10a
12a	12a	12a
10	10	10
11a	11a	11a
11	11	11
18	18	18
2	2	2
11AF	11AF	11AF
11L	11L	11L



Geological Survey of Canada
 Open File Report 6100
 1997
 1:50,000
 Geological Survey of Canada
 1100 L'Ange-Cadeau Blvd
 Ottawa, Ontario K1A 0S8
 Canada