

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,735

Vol. 2/3

**2001 DIAMOND DRILLING
ASSESSMENT REPORT
ON THE RDN 1 – 18 CLAIMS
VOLUME II
(Map Plates)**

Located in the Eskay Creek Area
Liard Mining Division
British Columbia, Canada

NTS 104B-15E, 104G-2E
57°00' North Latitude
130° 39' West Longitude

Prepared for

Newmont Exploration of Canada Limited
10101 East Dry Creek Road
Englewood, Colorado, 80112

Prepared by

M.A. Stammers, P. Geo.
and
A.T. Montgomery, P. Geo.

December 2001

2001 DIAMOND DRILLING ASSESSMENT REPORT ON THE RDN 1-18 CLAIMS
VOLUME II

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VOLUME II

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APPENDIX III	Petrographic Report
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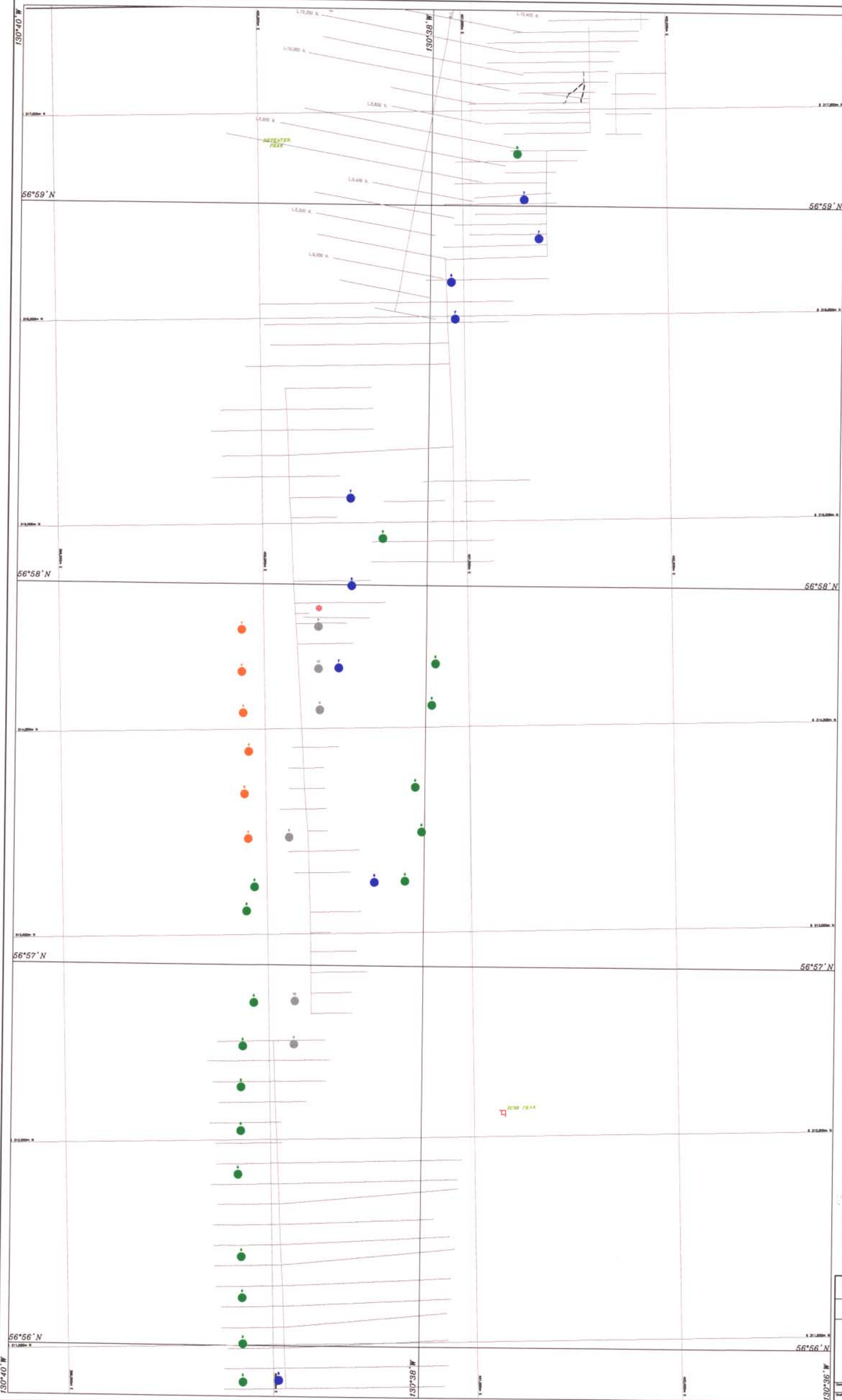
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DIGITAL DATA – CD ROMS IN POCKETS – Volume III

DISC 1	TEXT, ASSAY DATA
DISC 2	PLATES, GEOPHYSICAL DATA

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UTEM Anomaly Explanation

- Channels 1-2
- Channels 3-4
- Channels 5-6
- Channels 7-8
- Channels 9-10



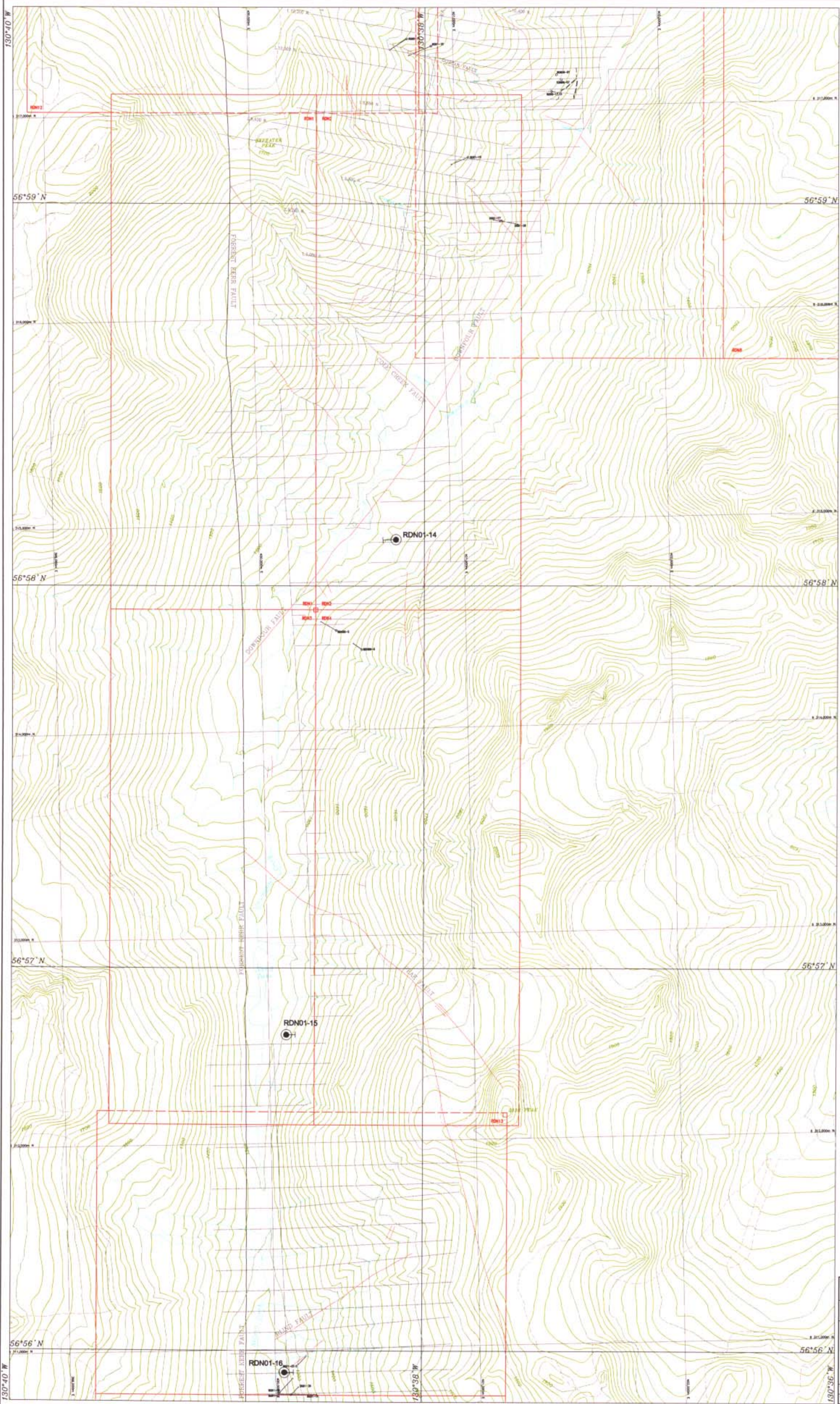
NTS Map - 1048/15E
scale: 1:10000
0 100 200 400
metres

NEWMONT EXPLORATION OF CANADA LIMITED
Rimfire Minerals Corporation
RDH PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERRISMORE CREEKS AREA, LIARD MINING DIVISION

① PLATE 1b (Overlay)
RDN SOUTH Vol. 7/3
UTEM Anomaly Location Map

Drawn by: AM, MS	Scale: 100 Feet	Coordinate System: UTM Zone 8, Nod 27
Drawn for: Equity Engineering Ltd.	Date Issued: December, 2001	File Name: RDN-SOUTH10000.dwg

26,735



LEGEND

- 2001 Drill hole
- Previous Drill hole
- Forrest Kerr Fault
- Fault (inferred)
- Legal corner post
- Claim boundary

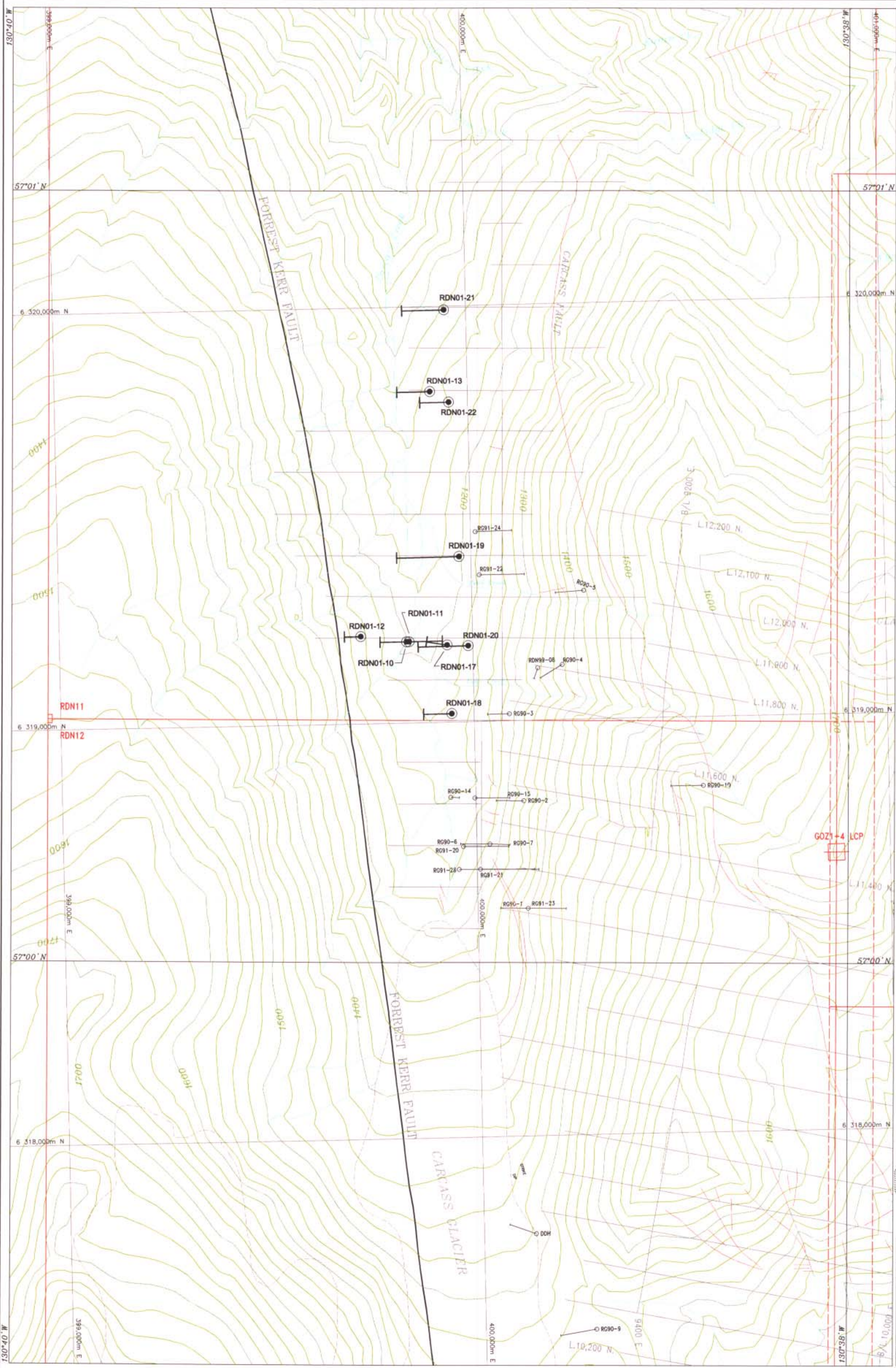


NTS Map - 104B/15E
scale: 1:10000
0 100 200 400
metres

NEWMONT EXPLORATION OF CANADA LIMITED
Rimfire Minerals Corporation
RDN PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERR/MORE CREEKS AREA, LIARD MINING DIVISION

PLATE 1b Vol. 2/3
RDN SOUTH
DRILL HOLE PLAN

26,735



LEGEND

- 2001 Drill hole
- Previous Drill hole
- Forrest Kerr Fault
- Fault (inferred)
- Legal corner post
- Claim boundary

NTS Maps - 1040/02E and 1048/15E
scale: 1:5000
0 50 100 200
metres



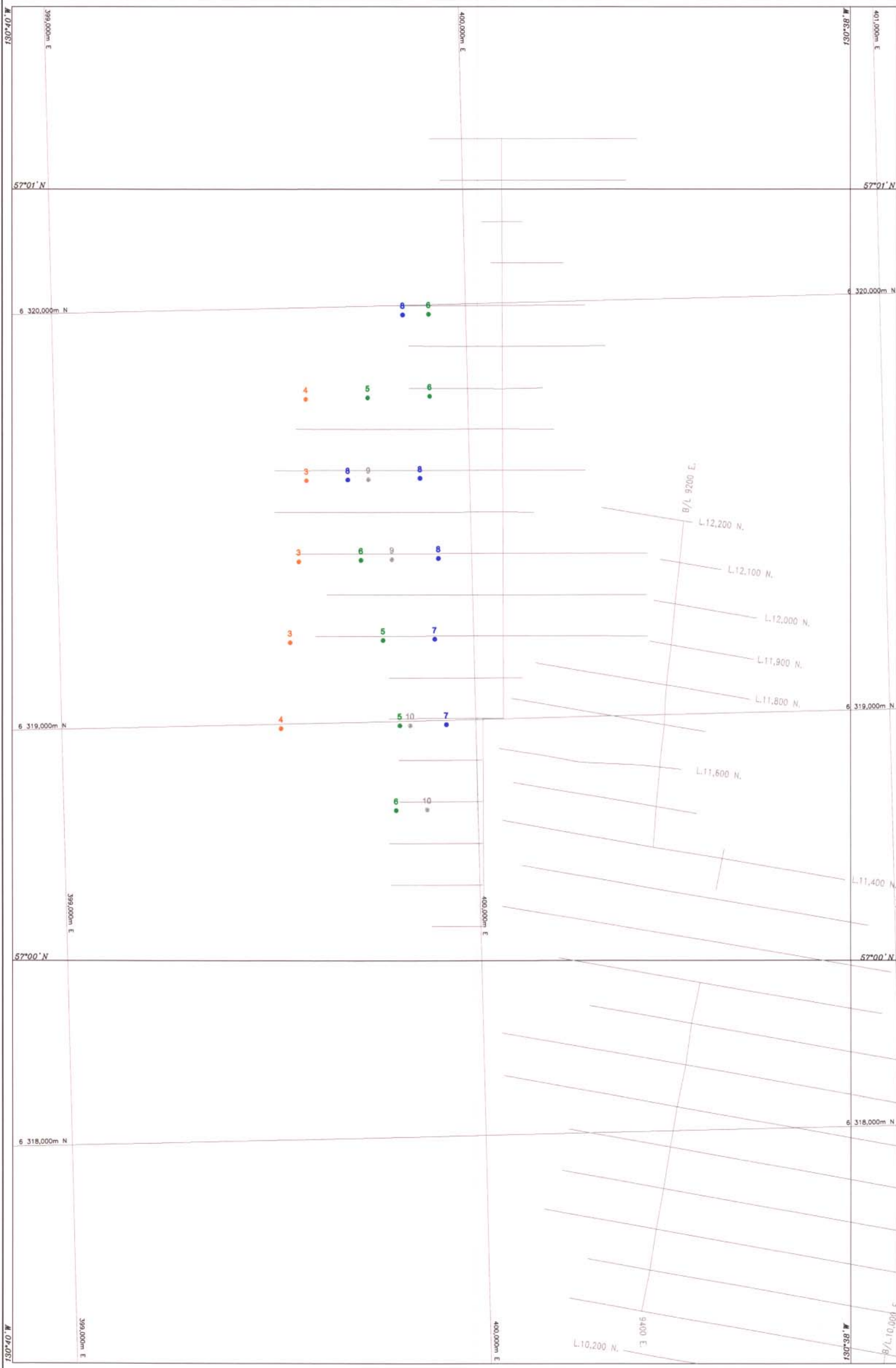
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Rimfire Minerals Corporation
RDN PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERR/MORE CREEKS AREA, LIARD MINING DIVISION

PLATE 1a
WEDGE ZONE *Vol. 7/3*
DRILL HOLE PLAN

3

Compiled by: AM, MS	Graphic Scale: 100 Feet	Coordinate System: UTM Zone 8, Nad 27
Drawn by: Equally Engineering Ltd.	Date Issued: December, 2001	File Name: RDN-WEDGE5000.dwg

26,735



UTEM Anomaly Explanation

- Channels 1 - 2
- Channels 3 - 4
- Channels 5 - 6
- Channels 7 - 8
- Channels 9 - 10



MTS Maps - 1046/02E and 1048/15E
scale: 1:5000
0 50 100 200
metres

NEWMONT EXPLORATION OF CANADA LIMITED		
Rimfire Minerals Corporation		
RDH PROJECT, BRITISH COLUMBIA, CANADA		
FORREST KERR/MORE CREEKS AREA, LIARD MINING DIVISION		
④	PLATE 1a (Overlay)	Vol. 2/3
WEDGE ZONE		
UTEM Anomaly Location Map		
Project No. AM, MS	Scale 100 Feet	Coordinate System UTM Zone 8, NAD 27
Drawn by Equity Engineering Ltd.	Date Issued December, 2001	File Name RDH-WEDGE3000.dwg

RDN01-18

NORANDA 90-3

EXPLANATION

Lithology

Pattern graph from -7 to 2 meters from drillhole trace.
Width of pattern graph is constant.

Class Intervals for LithCode:

- 01, Andesite Breccia to Lapilli Tuff Amygdaloidal Flow (P/Blow)
- 01a, Andesite Lithic Lapilli Tuff
- 01b, Muddy Andesite Crystal Ash Tuff
- 02, Black Mudstone
- 02a, Black Volcanoclastic Mudstone
- 02b, Black Feldspar Crystal-rich Volcanoclastic Mudstone
- 02c, Black Carbonaceous Mudstone
- 02d, Silty Mudstone
- 02e, Brecciated/Brecciated Argillite/Black Mudstone
- 03, Interbedded Volcanoclastic Silty Mudstone
- 03a, Siltstone
- 04, Volcanoclastic Pebble Wacke
- 05, Fine Felsic Breccia - Recemented Hydrothermal? Black Mudstone
- 06, Polymictic Volcanoclastic Breccia
- 06a, Matrix-rich Polymictic Volcanoclastic Breccia
- 06b, Polymictic Volcanoclastic Fine Breccia
- 07, Crystal Lithic Lapilli Tuff - Breccia
- 08, Grey Massive Pyritic Rhyolite
- 09, Rhyolite
- 10, Siliceous Volcanogenic Breccia
- 11, Massive Feldspar Phytic Sericitic Dacite
- 11a, Feldspar Phytic Dacite Crackle Breccia
- 11b, Dacite Breccia (Paperlike?)
- 11c, Dacite Ash Tuff
- 11d, Feldspar Phytic Dacite with Siliceous, +/- brecciated (rhyolite?) bands
- 11e, Amygdaloidal Dacite
- 12, K-feldspar Porphyry
- 13a, Rhyolite Silt
- 13b, Dacite Silt

Au (ppb)

Bar Graph (A/B)



Class Intervals for Au (ppb):

- 5 - 5, Below Detection
- 5 - 10
- 10 - 100
- 100 - 100000

Sample Number

Sample number is plotted to the left of the drillhole trace.

Topographic Profile

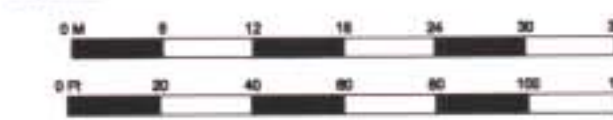
From file: Topo10p10m.grd

SECTION PLANE:
 Origin: 8702, 968,798 / 6,318,880 / 1,000
 Azimuth: 60 / 60
 Length: 300
 Height: 200
 Thickness: 10 (per each side)
 Units are meters.



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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Scale 1:500

NEWMONT EXPLORATION OF CANADA LIMITED
Rimfire Minerals Corporation

RDN PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERR/MORE CREEKS AREA, LIARD MINING DIVISION

(5) Plate 2a Vol. 7/3
 Section 9200N
 Drillhole RDN01-18 GEOLOGY/
 GOLD GEOCHEMISTRY
 Wedge Zone, NTS Map 104G-02E

Coordinate System: UTM Zone 9 North, NAD83 Canada Mean Datum
 Geologist: A.T. Montgomery
 Title: November 13, 2011 9:28:24 PM
 Sheet 2 of 2

RDN01-18

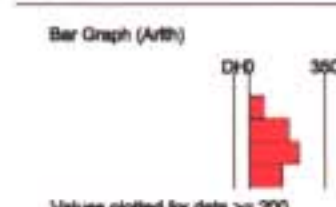
NORANDA 90-3

EXPLANATION

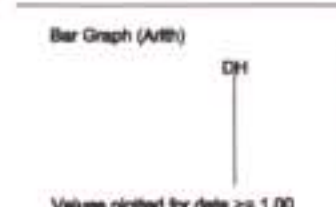
Topographic Profile

From file: Topo10m.grd

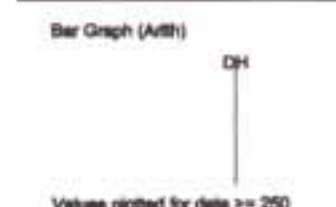
Au (ppb)



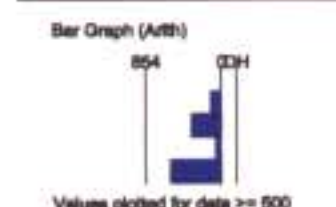
Ag (ppm)



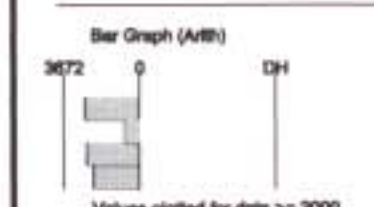
Cu (ppm)



Pb (ppm)



Zn (ppm)



SECTION PLANE:
 Origin N7102 396,789 / E 5116,883 / U 1099
 Azimuth: 90 / 90
 Length: 300
 Height: 300
 Thickness: 10 (m each side)
 Units are meters.

FAULT
 GEOLOGICAL CONTACT

GEOLOGICAL SURVEY BRANCH
 ASSESSMENT 1: FORT

26,735



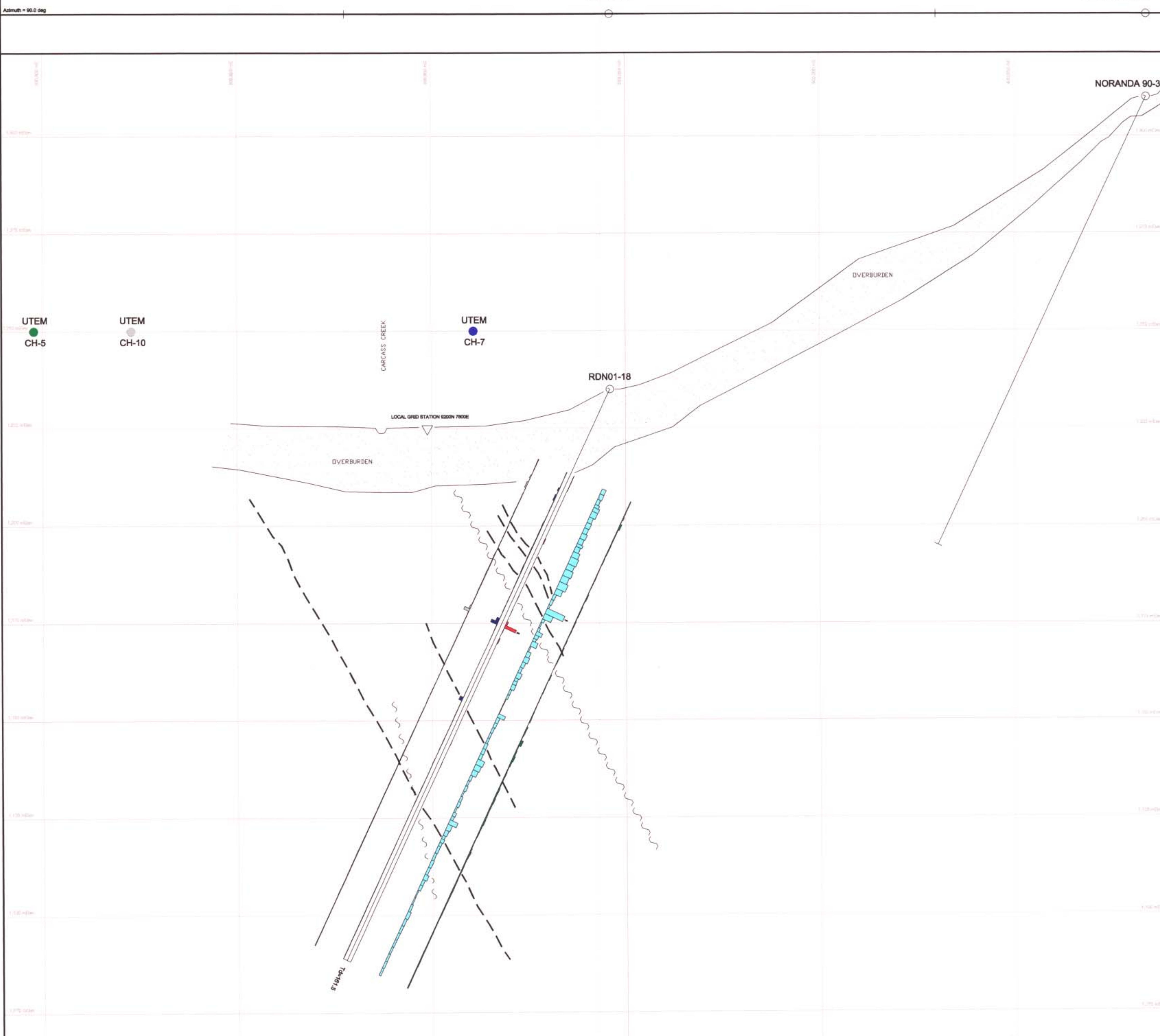
Scale 1:500 Scale 1:900

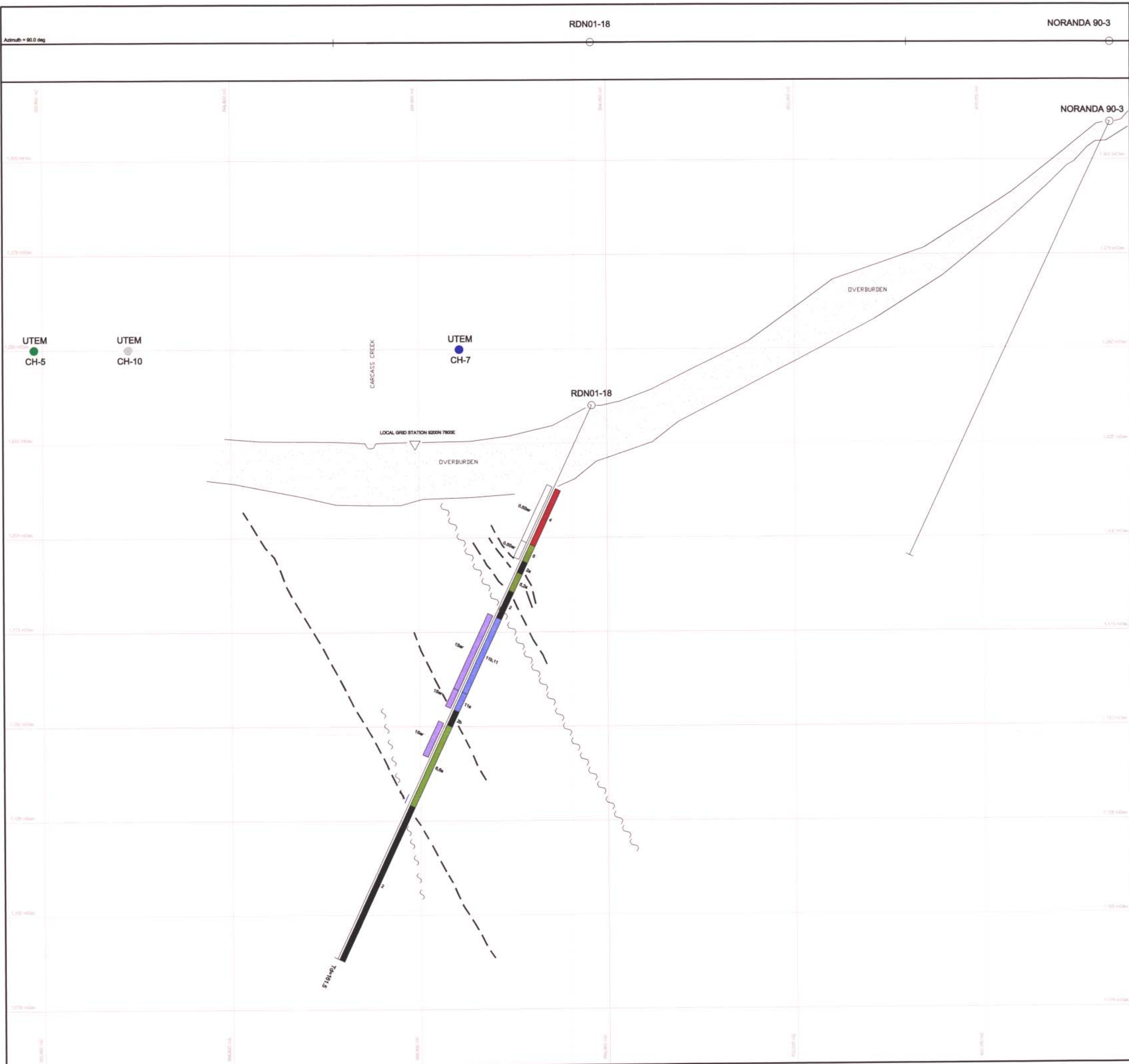
NEWMONT EXPLORATION OF CANADA LIMITED
 Kinross Minerals Corporation

RDN PROJECT, BRITISH COLUMBIA, CANADA
 FORREST KERRMORE CREEKS AREA, LIARD MINING DIVISION

Plate 2b Vol. 2/3
 Section 9200N
 Drillhole RDN01-18 GEOCHEMISTRY
 Wedge Zone, NTS Map 104G-02E

Coordinates System: UTM Zone 8 North, NAD83 Canada Mean Datum
 Origin: At Montgomery
 Tuesday, November 13, 2001 02:18:41 PM





- ### EXPLANATION
- Lithology**
- Pattern graph from 1 to 2 meters from drillhole trace.
Width of pattern graph is constant.
- Class Intervals for Lithology:
- 01, Andesite Breccia to Lapilli Tuff Amygdaloid Flow (Flow)
 - 01a, Andesite Lithic Lapilli Tuff
 - 01b, Muddy Andesite Crystal Ash Tuff
 - 02, Black Mudstone
 - 02a, Black Volcanoclastic Mudstone
 - 02b, Black Feldspar Crystalline-rich Volcanoclastic Mudstone
 - 02c, Black Carbonaceous Mudstone
 - 02d, Silty Mudstone
 - 02e, Shearol Brecciated Argillite Black Mudstone
 - 03, Interbedded Volcanoclastic Silstone/ Mudstone
 - 03a, Silstone
 - 04, Volcanoclastic Pebble Wacke
 - 05, Fine Felsic Breccia - Reseedimented Hydrothermal? Black Mudstone
 - 06, Polymictic Volcanoclastic Breccia
 - 06a, Matrix-rich Polymictic Volcanoclastic Breccia
 - 06b, Polymictic Volcanoclastic Fine Breccia
 - 07, Crystalline Lithic Lapilli Tuff - Breccia
 - 08, Grey Massive Pyritic Rhyolite
 - 09, Rhyolite
 - 10, Siliceous Volcanogenic Breccia
 - 11, Massive Feldspar Phyric Breccia Dacite
 - 11a, Feldspar Phyric Dacite Crackle Breccia
 - 11b, Dacite Breccia (Paperlike?)
 - 11c, Dacite Ash Tuff
 - 11d, Feldspar Phyric Dacite with Siliceous, +/- brecciated (rhyolite?) breccia
 - 11e, Amygdaloid Dacite
 - 12, K-feldspar Porphyry
 - 13a, Rhyodacite 08
 - 13b, Dacite Dike
- Serfite Alteration**
- Pattern graph from -2 to 2 meters from drillhole trace.
Width of pattern graph is constant.
- Class Intervals for Serfite:
- 0.5Ser, 0.5Ser (n = 17)
 - 1Ser, 1Ser (n = 40)
 - 2Ser, 2Ser (n = 38)
 - 3Ser, 3Ser (n = 5)
- Siltification**
- Pattern graph from -10 to 2 meters from drillhole trace.
Width of pattern graph is constant.
- Class Intervals for Siltification:
- 1S, 1S (n = 40)
 - 2S, 2S (n = 18)
- Topographic Profile**
- From file: Topoapp10m.grd

FAULT

GEOLOGICAL CONTACT

GEOLOGICAL SURVEY BRANCH
ANALYTICAL GEOLOGY

26,735

SECTION PLANE:
Origin: X(102, 386,789) / Y(318,880) / Z(000)
Azimuth: 90 / 90
Length: 300
Height: 300
Thickness: 10 (per each side)

Units are meters.

Scale 1:500

PROFESSIONAL
A. T. MUMFORD
GEOLOGICAL ENGINEER

NEWMONT EXPLORATION OF CANADA LIMITED
Refined Minerals Corporation

RON PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERRMORE CREEKS AREA, LIARD MINING DIVISION

Plate 2c
Section 9200N
Drillhole RDN01-18 ALTERATION
Wedge Zone, NTS Map 104G-02E

Coordinate System: UTM Zone 8 North, NAD83 Canada Mean Datum
Geographic: 44 West Longitude
Wednesday, November 14, 2001 21:58:41

Sheet 2 of 17

RDN01-12

RDN01-10 RDN01-11

RDN01-17

RDN01-20

Azimuth = 90.0 deg

EXPLANATION

- Lithology**
- Pattern graph from .7 to 2 meters from drillhole trace.
Width of pattern graph is constant.
- Class Intervals for LBCCode**
- 01, Andesite Breccia to Lapilli Tuff Amygdaloidal Flow (Pikow)
 - 02, Andesite Lithic Lapilli Tuff
 - 03, Muddy Andesite Crystal Ash Tuff
 - 04, Black Mudstone
 - 05, Black Volcanoclastic Mudstone
 - 06, Black Falgout Crystal-Ash Volcanoclastic Mudstone
 - 07, Black Carbonaceous Mudstone
 - 08, Silty Mudstone
 - 09, Finned Brecciated Argillite Black Mudstone
 - 10, Interbedded Volcanoclastic Silty Mudstone
 - 11, Silstone
 - 12, Volcanoclastic Pyritic Breccia
 - 13, Fine Felsic Breccia - Resedimented Hydrothermal? Black Mudstone
 - 14, Polymictic Volcanoclastic Breccia
 - 15, Matrix-rich Polymictic Volcanoclastic Breccia
 - 16, Polymictic Volcanoclastic Fine Breccia
 - 17, Crystal Lithic Lapilli Tuff - Breccia
 - 18, Gray Massive Pyritic Rhyolite
 - 19, Rhyolite
 - 20, Siliceous Volcanogenic Breccia
 - 21, Massive Falgout Pyritic Sericitic Dacite
 - 22, Falgout Pyritic Dacite Dacitic Breccia
 - 23, Dacite Breccia (Pepark?)
 - 24, Dacite Ash Tuff
 - 25, Falgout Pyritic Dacite with Siliceous, +/- Brecciated (Hydro?) breccia
 - 26, Amygdaloidal Dacite
 - 27, K. Adirapog Porphyry
 - 28, Rhyodacite Dk
 - 29, Dacite Dk

- Air (ppb)**
- Bar Graph (Au%)**
- Class Intervals for Au (ppb)**
- 0 - 5, Below Detection
 - 5 - 10
 - 10 - 100
 - 100 - 100000

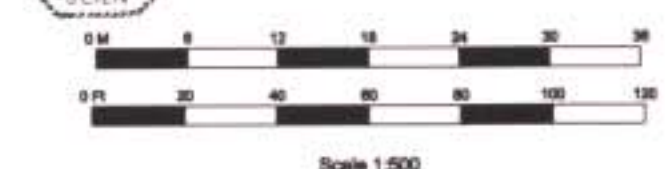
- Sample Number**
- Sample number is posted to the left of the drillhole trace.
- Topographic Profile**
- From file: Topo10010m.grd

- FAULT
- GEOLOGICAL CONTACT

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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SECTION PLANE:
Origin: 5102 98475 6.214200 900
Azimuth: 90.0
Length: 300
Height: 20
Thickness: 20 (per each side)

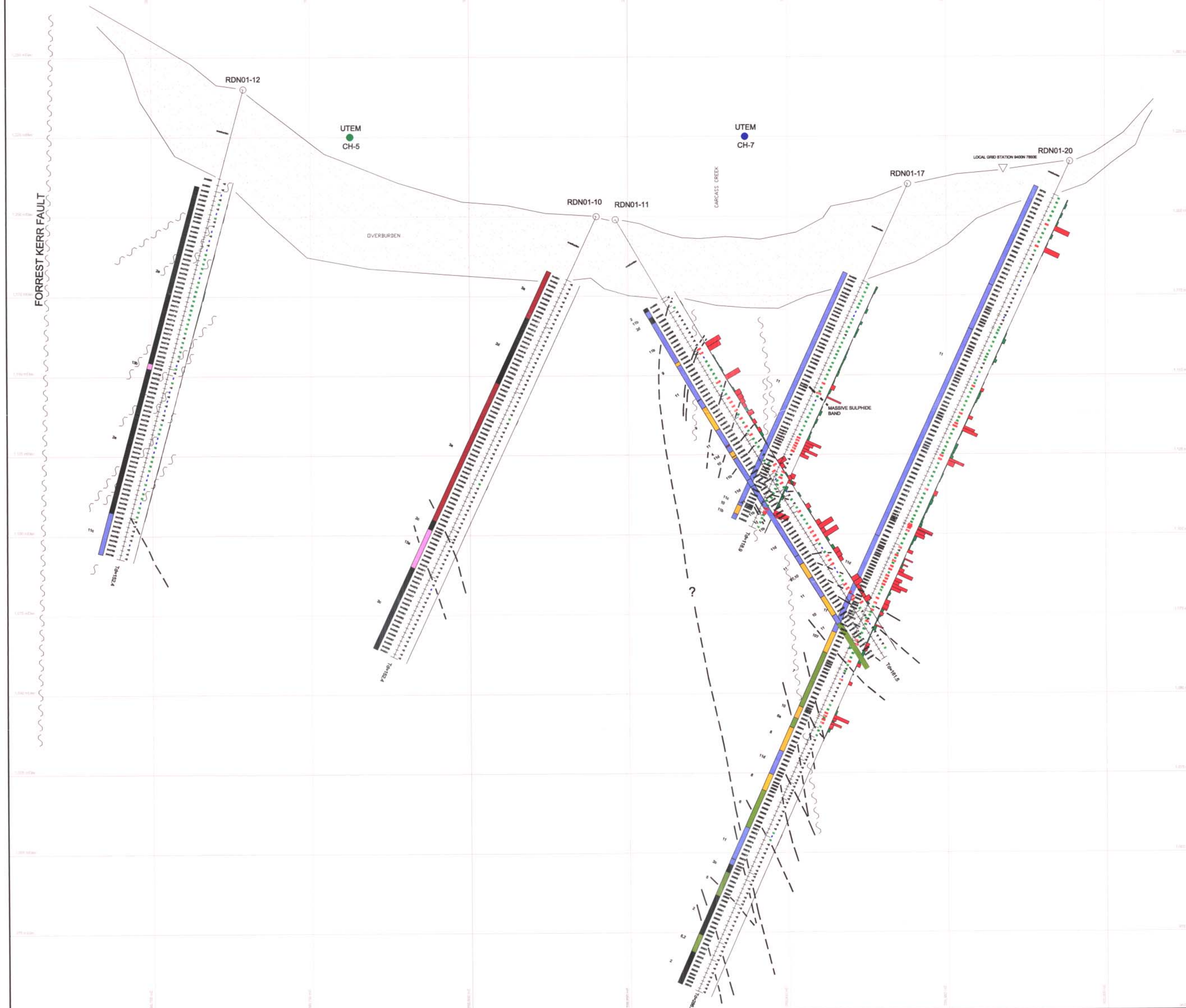


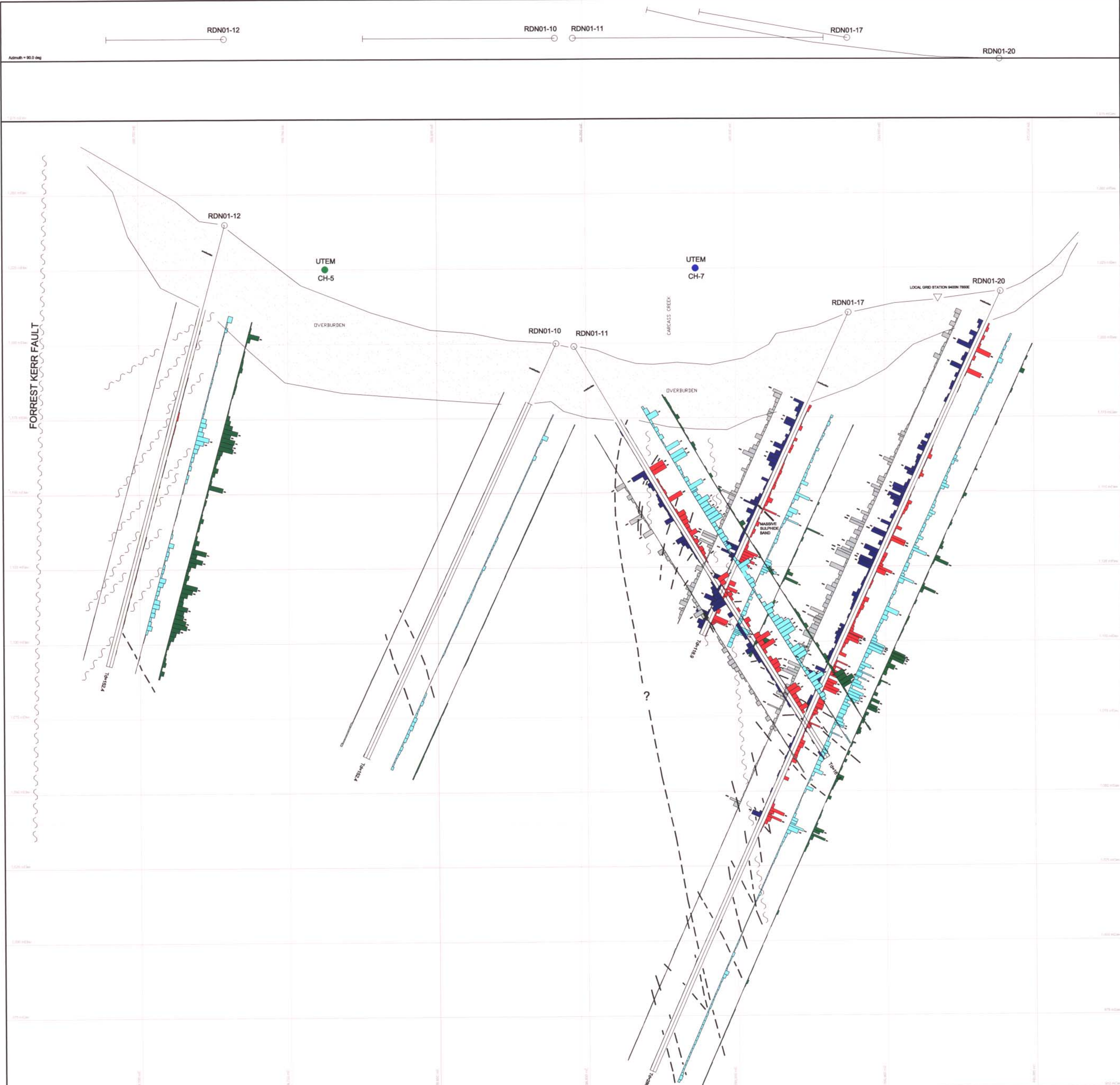
NEWMONT EXPLORATION OF CANADA LIMITED
Platinum Minerals Corporation

RDN PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERRMORE CREEKS AREA, LIARD MINING DIVISION

Plate 3a
Section 9400N Vol. 2/3
Drillholes RDN01-10, 11, 12, 17, 20
GEOLOGY/ GOLD GEOCHEMISTRY
Wedge Zone, NTS Map 104G-02E

Coordinates System: UTM Zone 8 North, NAD83, Canadian Mean Datum
Geographic Azimuth: Magnetic
Toronto, Ontario, Canada
Scale: 1:500





EXPLANATION

Topographic Profile
 From file: Topo\topo\01m.grd

Ag (ppm)
 Bar Graph (A/B) 0 300
 Values plotted for data >= 200

Au (ppm)
 Bar Graph (A/B) 0 0.20 1.75
 Values plotted for data >= 1.00

Cu (ppm)
 Bar Graph (A/B) 0 437
 Values plotted for data >= 200

Pb (ppm)
 Bar Graph (A/B) 0 854 231
 Values plotted for data >= 500

Zn (ppm)
 Bar Graph (A/B) 0 21
 Values plotted for data >= 2000

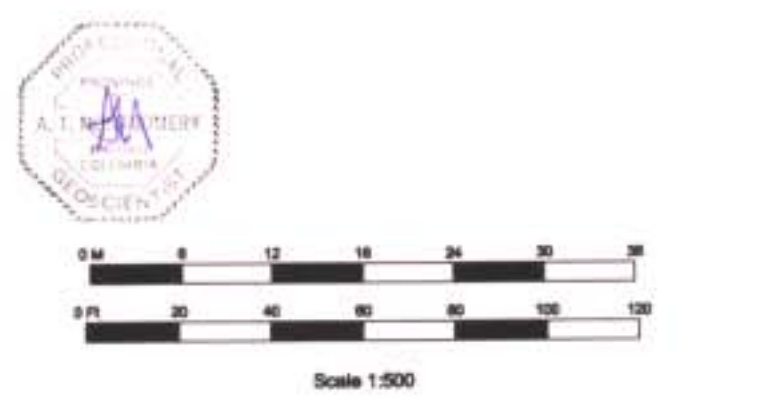
Bi (ppm)
 Bar Graph (A/B) 0 21
 Values plotted for data >= 2000

--- FAULT
 --- GEOLGICAL CONTACT

GEOLOGICAL SURVEY BRANCH
 APPENDIX 1 TO REPORT

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SECTION PLANE:
 Origin: NTS 250757.1, 6174.00 / 100
 Azimuth: 90 / 0
 Length: 200
 Height: 200
 Thickness: 20 (per each side)
 Units are meters.



NEWMONT EXPLORATION OF CANADA LIMITED
 Identifiable Minerals Corporation

RDN PROJECT, BRITISH COLUMBIA, CANADA
 FORREST KERR/MORE CREEKS AREA, LIARD MINING DIVISION

Plate 3b
 Section 9400N
 Drillholes RDN01-10, 11, 12, 17, 20
 GEOCHEMISTRY
 Wedge Zone, NTS Map 104G-02E

Coordinate System: UTM Zone 9 North, NAD83 Canada Albers Datum
 Contouring: At Newmont
 Date: November 13, 2007 14:58:48

RDN01-12

RDN01-10 RDN01-11

RDN01-17

RDN01-20

Admitt = 90.0 deg

EXPLANATION

- Lithology**
- Pattern graph from 1 to 2 meters from drillhole trace.
Width of pattern graph is constant.
Class intervals for LithCode:
- 01, Andesite Breccia to Lapilli Tuff Amygdaloidal Flow (Pflow)
 - 01a, Andesite Lapilli Tuff
 - 01b, Highly Andesite Crystal Ash Tuff
 - 02, Black Mudstone
 - 02a, Black Volcanoclastic Mudstone
 - 02b, Black Fallager Crystal-Ash Volcanoclastic Mudstone
 - 02c, Black Carbonaceous Mudstone
 - 03, Silty Mudstone
 - 03a, Shredded Brecciated Argillite Black Mudstone
 - 03b, Brecciated Volcanoclastic Silty Mudstone
 - 03c, Siltystone
 - 04, Volcanoclastic Pebble Wacke
 - 05, Fine Pebble Breccia - Fragmental Hydrothermal? Black Mudstone
 - 06, Pyroclastic Volcanoclastic Breccia
 - 06a, Matrix-rich Pyroclastic Volcanoclastic Breccia
 - 06b, Pyroclastic Volcanoclastic Fine Breccia
 - 07, Crystal Lapilli Tuff - Breccia
 - 08, Grey Massive Pyritic Rhyolite
 - 08, Rhyolite
 - 10, Siliceous Volcanogenic Breccia
 - 11, Massive Fallager Pyritic Sericite Breccia
 - 11a, Fallager Pyritic Ductile Cradite Breccia
 - 11b, Ductile Breccia (Papered?)
 - 11c, Ductile Ash Tuff
 - 11d, Fallager Pyritic Ductile with Siliceous, H-irradiated (pyritic?) breccia
 - 11e, Amygdaloidal Ductile
 - 12, Siderite Porphyry
 - 13a, Rhyolite SS
 - 13b, Ductile Dike

- Sericate Alteration**
- Pattern graph from -2 to 2 meters from drillhole trace.
Width of pattern graph is constant.
Class intervals for Sericite:
- 0.55ar, 0.55ar (n = 17)
 - 15ar, 15ar (n = 42)
 - 25ar, 25ar (n = 30)
 - 35ar, 35ar (n = 8)

- Siltification**
- Pattern graph from -10 to 2 meters from drillhole trace.
Width of pattern graph is constant.
Class intervals for Siltification:
- 15s, 15s (n = 42)
 - 25s, 25s (n = 16)

Topographic Profile

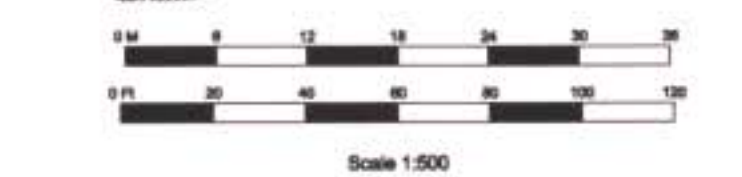
From file: Topogrid10m.gri

FAULT
GEOLOGICAL CONTACT

GEOLOGICAL SURVEY BRANCH

26,735

SECTION PLANE:
Origin: 5000 5000 1 0 0 0 0 0 0 0
Azimuth: 90.00
Length: 500
Height: 500
Thickness: 20 (in each slice)

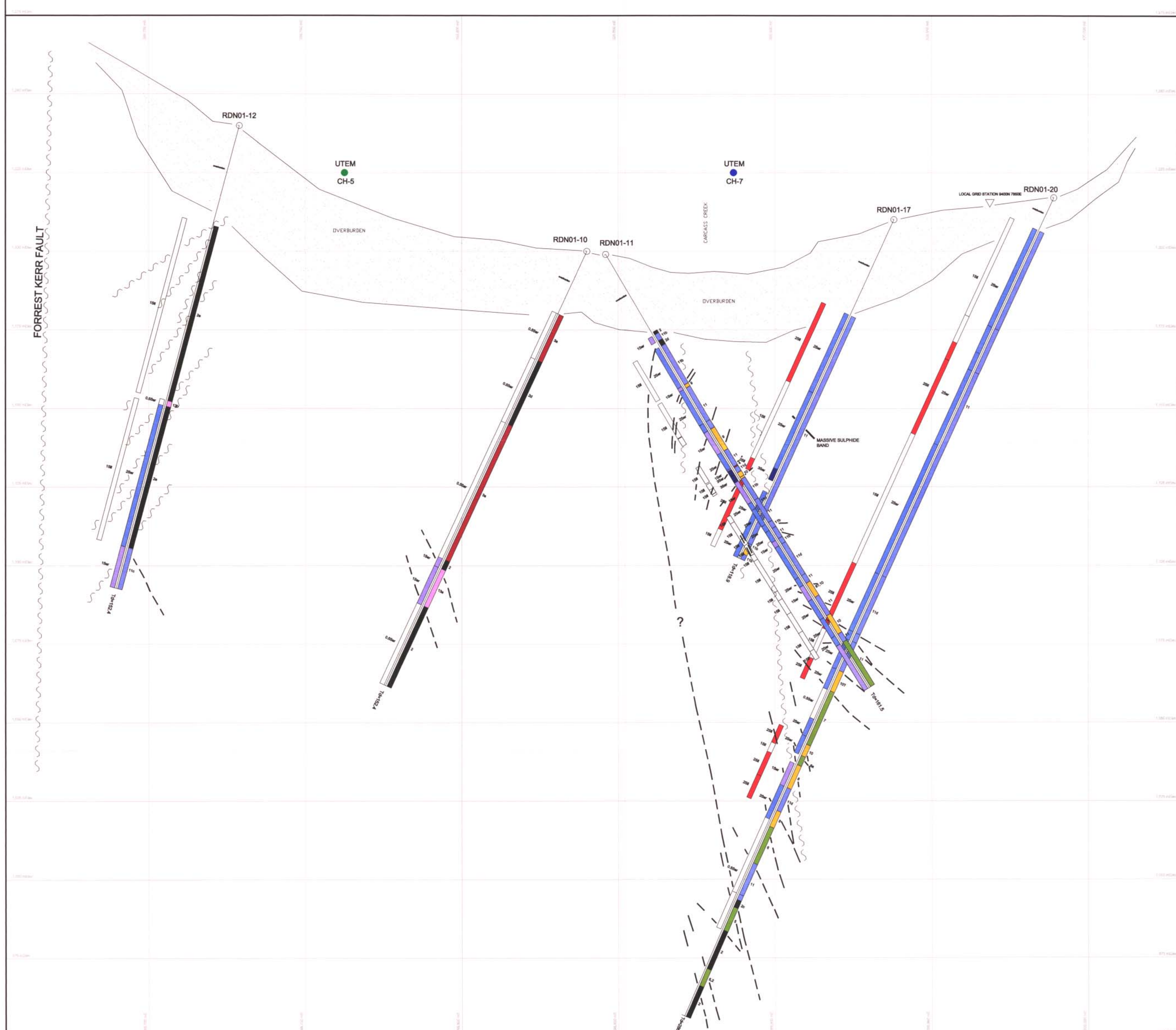


NEWMONT EXPLORATION OF CANADA LIMITED
Kinross Minerals Corporation

RDM PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERRWORE CREEKS AREA, LARD MINING DIVISION

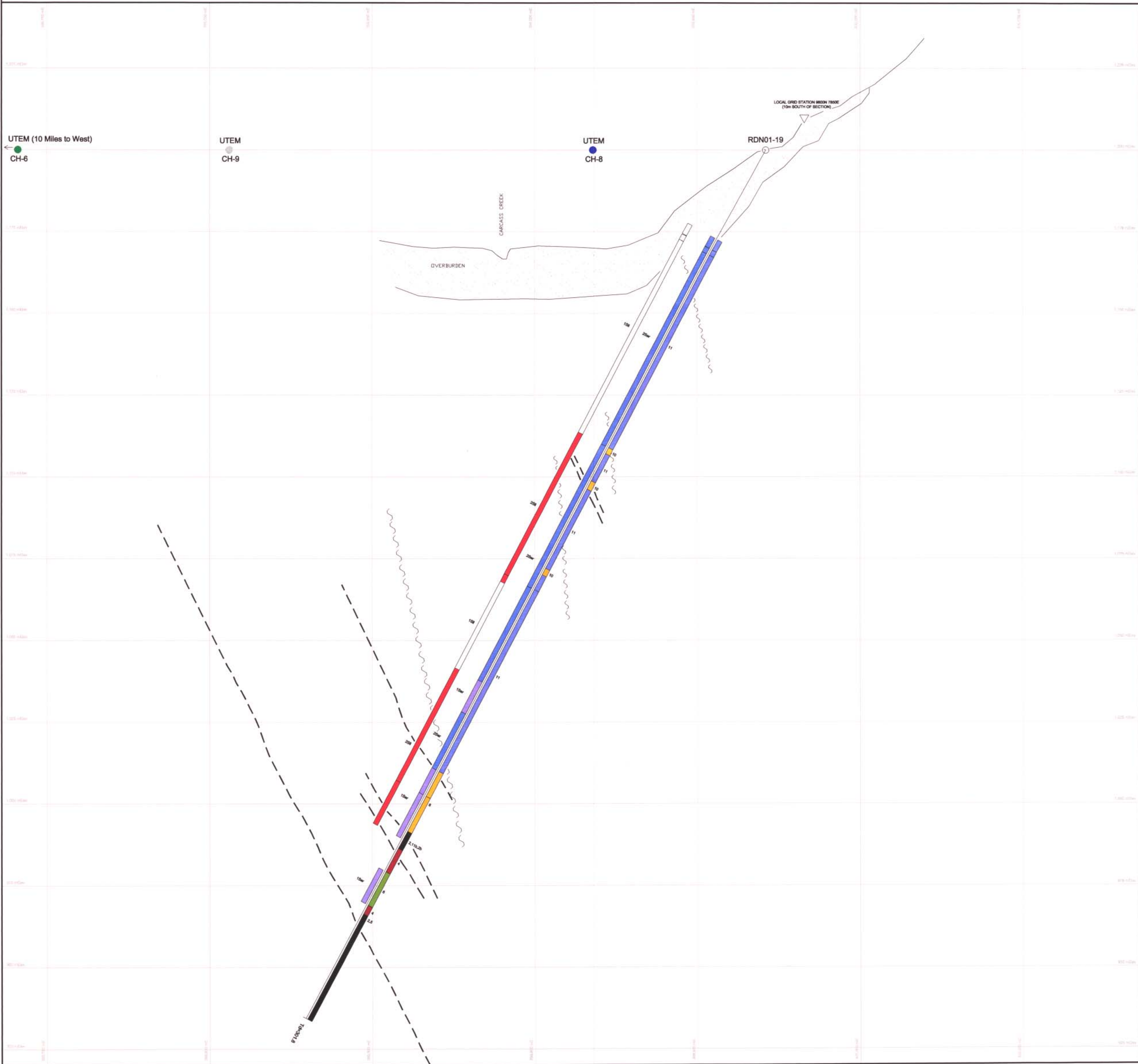
10 Plate 3c Vol. 2/3
Section 9400N
Drillholes RDN01-10, 11, 12, 17, 20
ALTERATION
Wedge Zone, NTS Map 104G-02E

Coordinate System: UTM Zone 9 North, NAD83 Canada Mean Datum
Datum: NAD83
Projection: UTM
Units: Meter
Scale: 1:500



Azimuth = 90.0 deg

RDN01-19



EXPLANATION

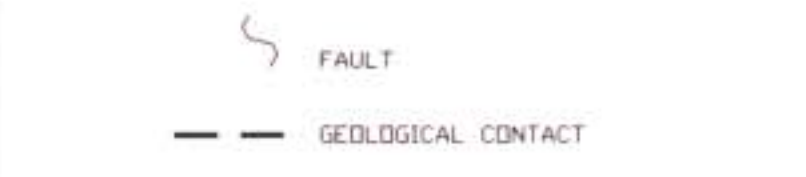
- Lithology**
- Pattern graph from 1 to 2 meters from drillhole trace.
Width of pattern graph is constant.
Class Intervals for Lithology:
- 01, Andesite Breccia to Lapilli Tuff Amygdaloidal Flow (Flow)
 - 01a, Andesite Lithic Lapilli Tuff
 - 01b, Mostly Andesite Crystalline Ash Tuff
 - 02, Black Mudstone
 - 02a, Black Volcanoclastic Mudstone
 - 02b, Black Feldspar Crystalline Volcanoclastic Mudstone
 - 02c, Black Carbonaceous Mudstone
 - 02d, Silty Mudstone
 - 02e, Sheared Brecciated Argillite Black Mudstone
 - 03, Interbedded Volcanoclastic (Siltstone) Mudstone
 - 03a, Siltstone
 - 04, Volcanoclastic Pebble Wacke
 - 05, Fine Felsic Breccia - Resembling Hydrothermal Black Mudstone
 - 06, Polymictic Volcanoclastic Breccia
 - 06a, Matrix-rich Polymictic Volcanoclastic Breccia
 - 06b, Polymictic Volcanoclastic Fine Breccia
 - 07, Crystalline Lapilli Tuff - Breccia
 - 08, Clay Matrix Pyritic Rhyolite
 - 09, Rhyolite
 - 10, Siliceous Volcanogenic Breccia
 - 11, Massive Feldspar Pyritic Basaltic Dacite
 - 11a, Feldspar Pyritic Dacite Breccia Breccia
 - 11b, Dacite Breccia (Pepert?)
 - 11c, Dacite Ash Tuff
 - 11d, Feldspar Pyritic Dacite with Siliceous, +/- Brecciated (Pyritic?) Breccia
 - 11e, Amygdaloidal Dacite
 - 12, K-feldspar Porphyry
 - 13a, Rhyolite Dike
 - 13b, Dacite Dike

- Stratigraphic Alteration**
- Pattern graph from -2 to 2 meters from drillhole trace.
Width of pattern graph is constant.
Class Intervals for Stratigraphic Alteration:
- 0.5Bar, 0.5Bar (n = 17)
 - 1Bar, 1Bar (n = 40)
 - 2Bar, 2Bar (n = 38)
 - 3Bar, 3Bar (n = 8)

- Siltification**
- Pattern graph from -10 to 2 meters from drillhole trace.
Width of pattern graph is constant.
Class Intervals for Siltification:
- 10S, 10S (n = 40)
 - 20S, 20S (n = 18)

Topographic Profile

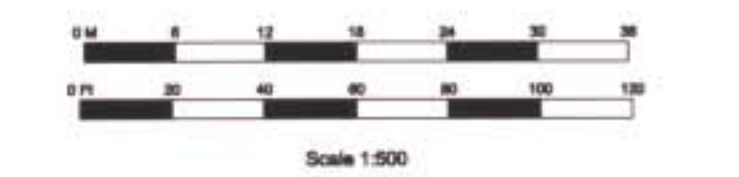
From file: Topogp010a.grd



GEOLOGICAL SURVEY BRANCH
ASSESSMENT PROJECT

26,735

SECTION PLANE:
Origin: 9702, 96178 / 821448 / 80
Azimuth: 90 / 90
Length: 300
Height: 200
Thickness: 20 (on each side)
Units: see notes.



NEWMONT EXPLORATION OF CANADA LIMITED
Renfrew Minerals Corporation

RDM PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERPMORE CREEKS AREA, LIARD MINING DIVISION

Plate 4c 161.2/3
Section 9600N
Drillhole RDN01-19 ALTERATION
Wedge Zone, NTS Map 104G-02E

Coordinate System: UTM Zone 8 North, NAD83
Designed: A. McNamee
Worked: November 14, 2007 2:15:00 PM

Azimuth = 90.0 deg

RDN01-19

UTEM (10 Miles to West)
CH-6

UTEM
CH-9

UTEM
CH-8

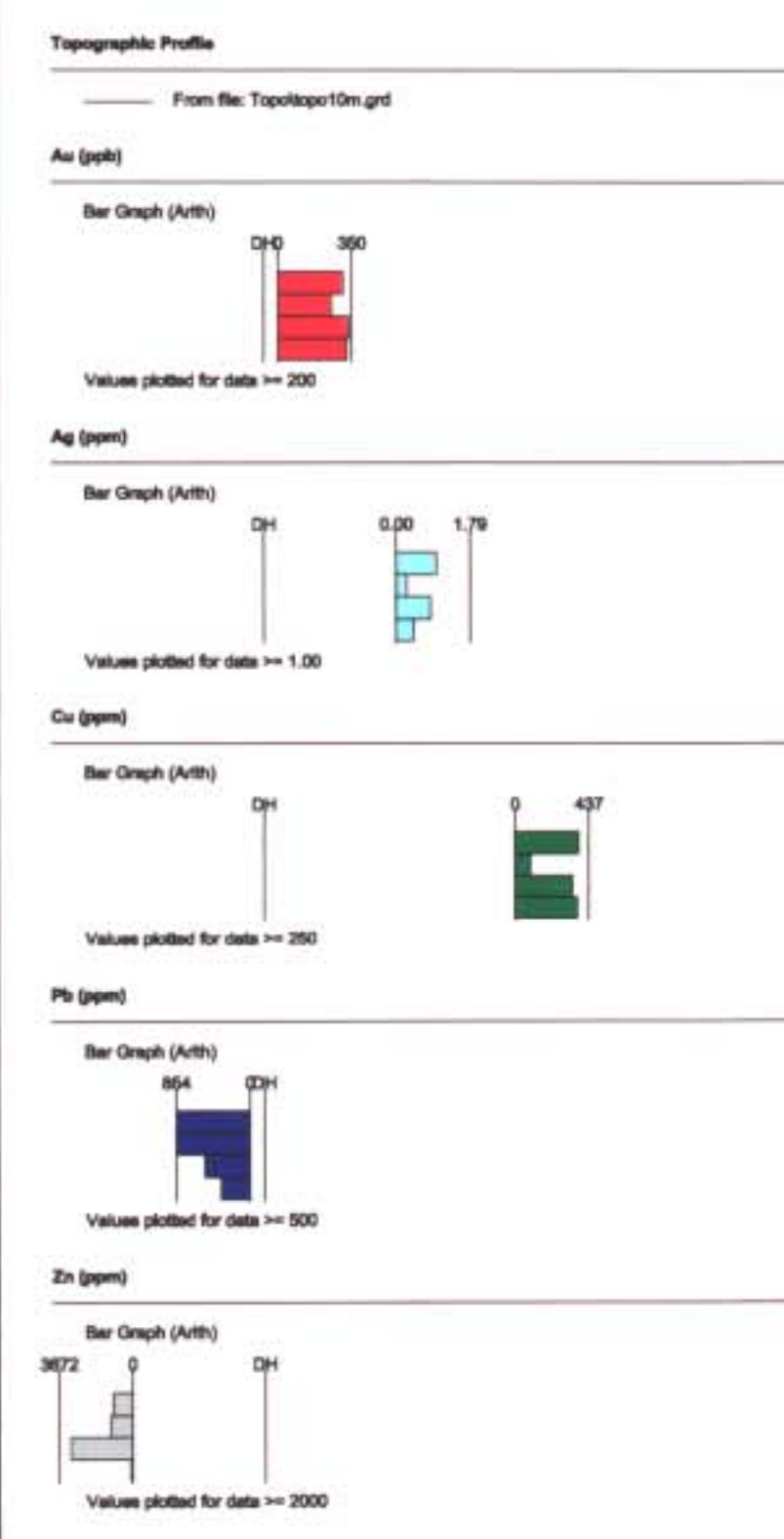
RDN01-19

LOCAL GRID STATION M60N 7800E
(10m SOUTH OF SECTION)

CARCASS CREEK

OVERBURDEN

EXPLANATION

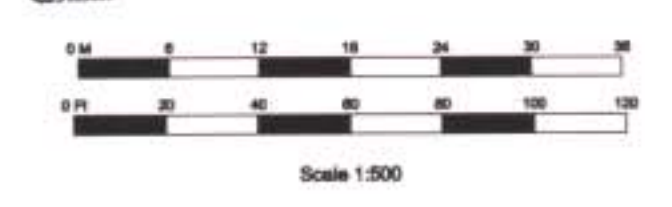


FAULT
GEOLOGICAL CONTACT

GEOLOGICAL SURVEY BRANCH
Geological Survey of Canada

26,735

SECTION PLANE:
Depth 3070; 366,735 x 6,318,458 (1:250)
Number 60 00
Length 300
Height 300
Thickness 20 (per north side)
Units are meters.



NEWMONT EXPLORATION OF CANADA LIMITED
Rimfire Minerals Corporation

RDM PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERRIMORE CREEKS AREA, LIARD MINING DIVISION

(12) Plate 4b Vol. 2/3
Section 9600N
Drillhole RDN01-19 GEOCHEMISTRY
Wedge Zone, NTS Map 104G-02E

Coordinate System: UTM Zone 9 North, NAD83 Canada Mean Datum
Copyright © Newmont
Toronto, November 13, 2011 14:02:08

Admuth = 90.0 deg

RDN01-19

UTEM
CH-6

UTEM
CH-9

UTEM
CH-8

LOCAL GRID STATION (MSON 7800E
10m SOUTH OF SECTION)

RDN01-19

CARCASS CREEK

OVERBURDEN

EXPLANATION

Lithology

- Pattern graph from -7 to 2 meters from drillhole trace.
Width of pattern graph is constant.
- Class Intervals for Lithology:
- 01, Arkoside Breccia to Lapilli Tuff Amygdaloidal Flows (Pillows)
 - 01a, Arkoside Lths Lapilli Tuff
 - 01b, Muddy Arkoside Crystall Ash Tuff
 - 02, Black Mudstone
 - 02a, Black Volcanoclastic Mudstone
 - 02b, Black Felspar Crystall Ash Volcanoclastic Mudstone
 - 02c, Black Carbonaceous Mudstone
 - 02d, Silty Mudstone
 - 02e, Shredded Brecciated Argilliferous Black Mudstone
 - 03, Interbedded Volcanoclastic Silty Mudstone
 - 03a, Siltystone
 - 04, Volcanoclastic Pebble Wacke
 - 04a, Fine Felsic Breccia - Brecciated Hydrothermal? Black Mudstone
 - 04b, Polymictic Volcanoclastic Breccia
 - 04c, Matrix-rich Polymictic Volcanoclastic Breccia
 - 04d, Polymictic Volcanoclastic Fine Breccia
 - 07, Crystalline Lapilli Tuff - Breccia
 - 08, Grey Massive Pyritic Rhyolite
 - 08, Rhyolite
 - 10, Siliceous Volcanogenic Breccia
 - 11, Massive Felspar Phytic Sericitic Decile
 - 11a, Felspar Phytic Decile Crackle Breccia
 - 11b, Decile Breccia (Pepertite?)
 - 11c, Decile Ash Tuff
 - 11d, Felspar Phytic Decile with Siliceous, H- brecciated (hyalite?) breccia
 - 11e, Amygdaloidal Decile
 - 12, Subvolcanic Porphyry
 - 13a, Rhyolite Dike
 - 13b, Decile Dike

Au (ppb)

Bar Graph (Au)



Class Intervals for Au (ppb)

- 0 - 5, Below Detection
- 5 - 10
- 10 - 100
- 100 - 10000

Sample Number

Sample number is plotted to the left of the drillhole trace.

Topographic Profile

From file: Topo10m.gnd

FAULT

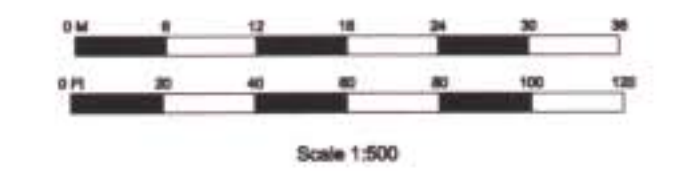
GEOLOGICAL CONTACT

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,735

SECTION PLANE:
Origin: UTM 10E 7800E / 4,314,400 E 800
Azimuth: 90 / 90
Length: 300
Height: 500
Thickness: 20 (per work sheet)

Units are meters.



NEWMONT EXPLORATION OF CANADA LIMITED
Nevada Minerals Corporation

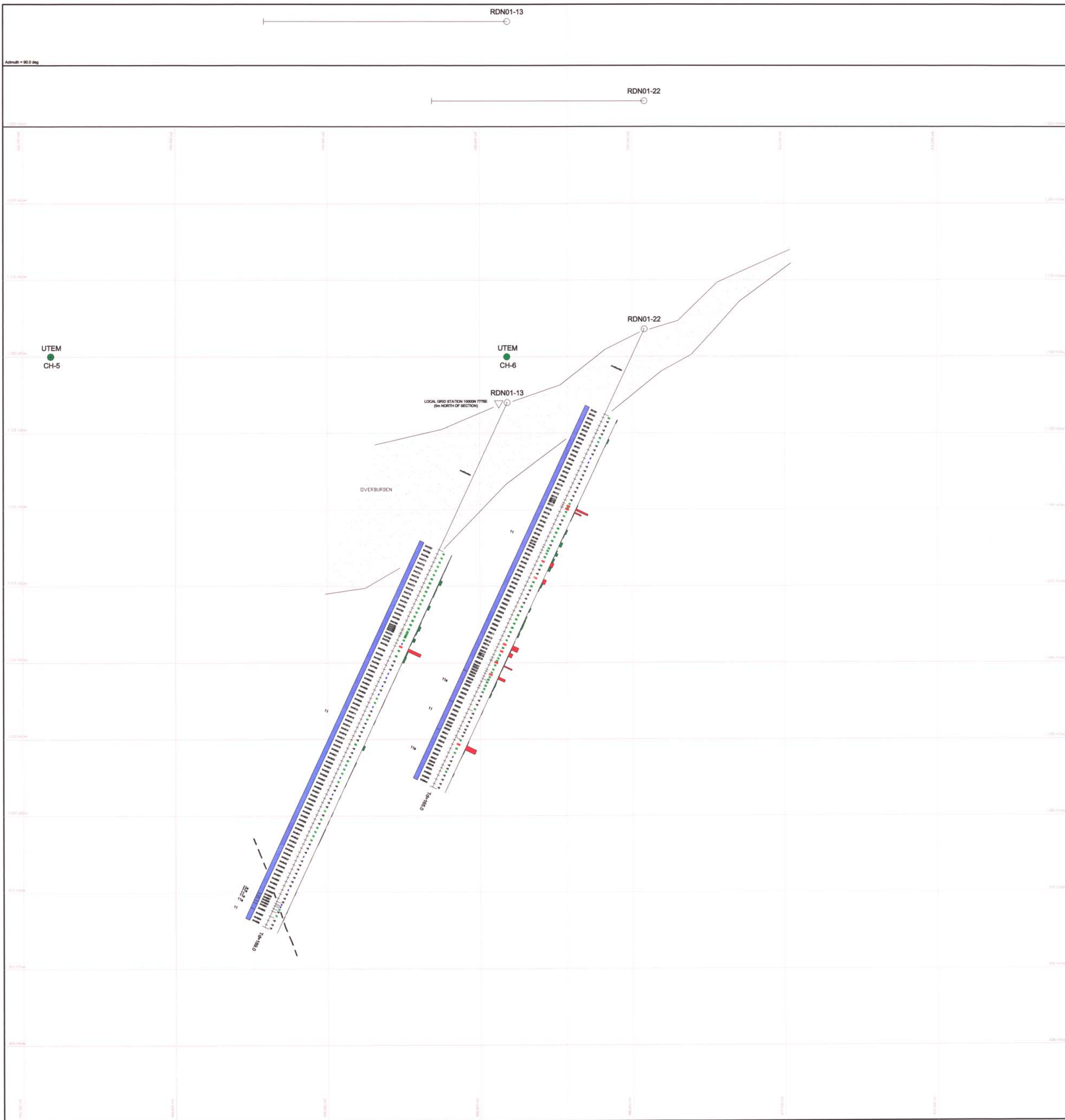
RDN PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERUMORE CREEKS AREA, LIARD MINING DIVISION

Plate 4a
Section 9600N
Drillhole RDN01-19
GEOLOGY/ GOLD GEOCHEMISTRY
Wedge Zone, NTS Map 104G-02E

13 Vol 1/3

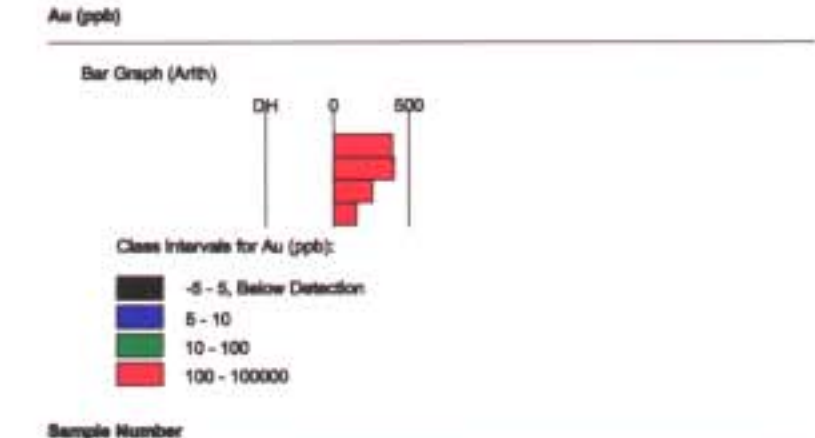
Coordinate System: UTM Zone 9 North, NAD83 Canada Mean Datum
Designed by: A.T. McPherson
Checked by: A.T. McPherson
Printed: November 13, 2007 01:27:18 PM

Sheet 2 of 2



EXPLANATION

- Lithology**
- Pattern graph from 7 to 2 meters from drillhole trace.
Width of pattern graph is constant.
Class Intervals for Lithology:
- 01, Andesite Breccia to Lapilli Tuff Amygdaloidal Flow (Flow)
 - 01a, Andesite Lithic Lapilli Tuff
 - 01b, Muddy Andesite Crystalline Ash Tuff
 - 02, Black Mudstone
 - 02a, Black Volcanoclastic Mudstone
 - 02b, Black Felspar Crystalline Volcanoclastic Mudstone
 - 02c, Black Carbonaceous Mudstone
 - 02d, Silty Mudstone
 - 02e, Sheared Brecciated Argillaceous Black Mudstone
 - 03, Interbedded Volcanoclastic Silty Mudstone
 - 04, Silty Mudstone
 - 04a, Silty Mudstone
 - 04b, Volcanoclastic Pyritic Breccia
 - 05, Fine Felsic Breccia - Resembling Hydrothermal Black Mudstone
 - 06, Polymictic Volcanoclastic Breccia
 - 06a, Matrix-rich Polymictic Volcanoclastic Breccia
 - 06b, Polymictic Volcanoclastic Fine Breccia
 - 07, Crystalline Lithic Lapilli Tuff - Breccia
 - 08, Gray Massive Pyritic Rhyolite
 - 09, Rhyolite
 - 10, Siliceous Volcanogenic Breccia
 - 11, Massive Felspar Phytic Sericitic Dacite
 - 11a, Felspar Phytic Dacite Breccia
 - 11b, Dacite Breccia (Spargher?)
 - 11c, Dacite Ash Tuff
 - 11d, Felspar Phytic Dacite with Siliceous, +/- Brecciated (Phyritic?) Bands
 - 11e, Amygdaloidal Dacite
 - 12, K-feldspar Porphyry
 - 13a, Rhyolitic Silt
 - 13b, Dacite Dike



Sample Number is plotted to the left of the drillhole trace.

Topographic Profile

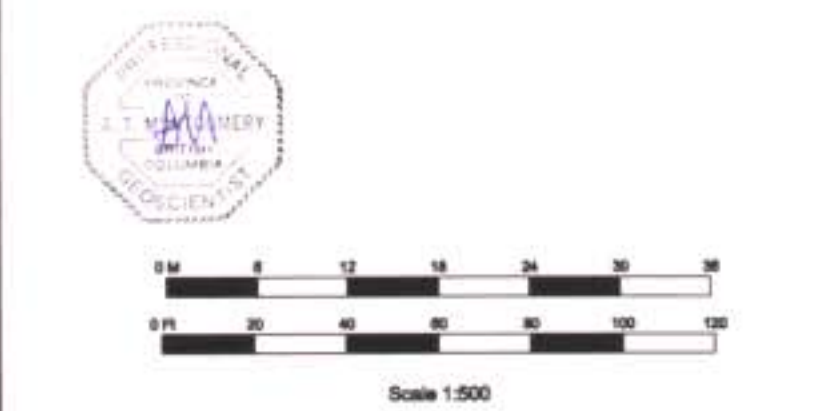
From file: Topogp10m.grd



GEOLOGICAL SURVEY BRANCH
ASSESSMENT PROJECT

26,735

SECTION PLANE
Origin: UTM: 582103 E, 6234700 N
Azimuth: 80 / 80
Length: 300
Height: 200
Thickness: 20 (m north side)
Units are meters.



NEWMONT EXPLORATION OF CANADA LIMITED
Rimfire Minerals Corporation

RDN PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERRIMORE CREEKS AREA, LIARD MINING DIVISION

Plate 5a
Section 10000N
Drillholes RDN01-13 and RDN01-22
GEOLOGY/ GOLD GEOCHEMISTRY
Wedge Zone, NTS Map 104G-02E

14 Vol. 2/3

Coordinate System: UTM Zone 8 North, NAD83 Canada Mean Datum
Geographic: 4 Westings
Units: Meters
Date: November 18, 2011 13:00:37

Sheet 2 of 3

RDN01-13

RDN01-22

Admuth = 90.0 deg

EXPLANATION

Lithology

- Pattern graph from 1 to 2 meters from drillhole trace.
Width of pattern graph is constant.
Class Intervals for Lithology:
- 01, Andesite Breccia to Lapilli Tuff Amygdaloid Flow (Flow)
 - 01a, Andesite Lithic Lapilli Tuff
 - 01b, Mostly Andesite Crystal Ash Tuff
 - 02, Black Mudstone
 - 02a, Black Volcanoclastic Mudstone
 - 02b, Black Felspar Crystal-rich Volcanoclastic Mudstone
 - 02c, Black Carbonaceous Mudstone
 - 02d, Silty Mudstone
 - 02e, Shredded Brecciated Argillite Black Mudstone
 - 03, Interbedded Volcanoclastic Silty Mudstone
 - 03a, Silty Mudstone
 - 04, Volcanoclastic Public Waste
 - 05, Fine Felsic Breccia - Resembling Hydrothermal Black Mudstone
 - 06, Polymictic Volcanoclastic Breccia
 - 06a, Matrix-rich Polymictic Volcanoclastic Breccia
 - 06b, Polymictic Volcanoclastic Fine Breccia
 - 07, Crystalline Lapilli Tuff - Breccia
 - 08, Gray Massive Pyritic Rhyolite
 - 09, Rhyolite
 - 10, Siliceous Volcanogenic Breccia
 - 11, Massive Felspar Pyritic Sericite Decalcification Breccia
 - 11a, Felspar Pyritic Decalcification Breccia
 - 11b, Decalcification Breccia (Pyritic?)
 - 11c, Decalcification Breccia
 - 11d, Felspar Pyritic Decalcification Breccia with Siliceous, +/- brecciated (pyritic?) breccia
 - 11e, Amphibolite Decalcification Breccia
 - 12, K-feldspar Porphyry
 - 13a, Rhyolite Breccia
 - 13b, Decalcification Breccia

Seritic Alteration

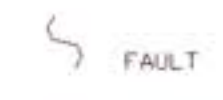
- Pattern graph from -2 to 2 meters from drillhole trace.
Width of pattern graph is constant.
Class Intervals for Sericite:
- 0.05m, 0.05m (n = 17)
 - 15m, 15m (n = 42)
 - 25m, 25m (n = 36)
 - 35m, 35m (n = 8)

Silification

- Pattern graph from -10 to 2 meters from drillhole trace.
Width of pattern graph is constant.
Class Intervals for Silification:
- 10m, 10m (n = 42)
 - 25m, 25m (n = 16)

Topographic Profile

From file: Topo104G-02E.grd

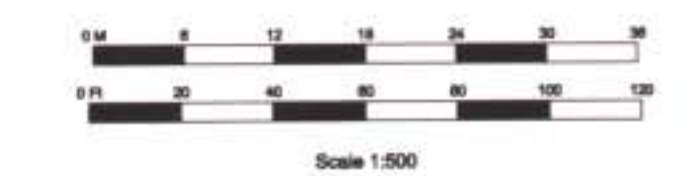


--- GEDOLOGICAL CONTACT

GEOLOGICAL SURVEY BRANCH
ASSESSMENT DIVISION

26,735

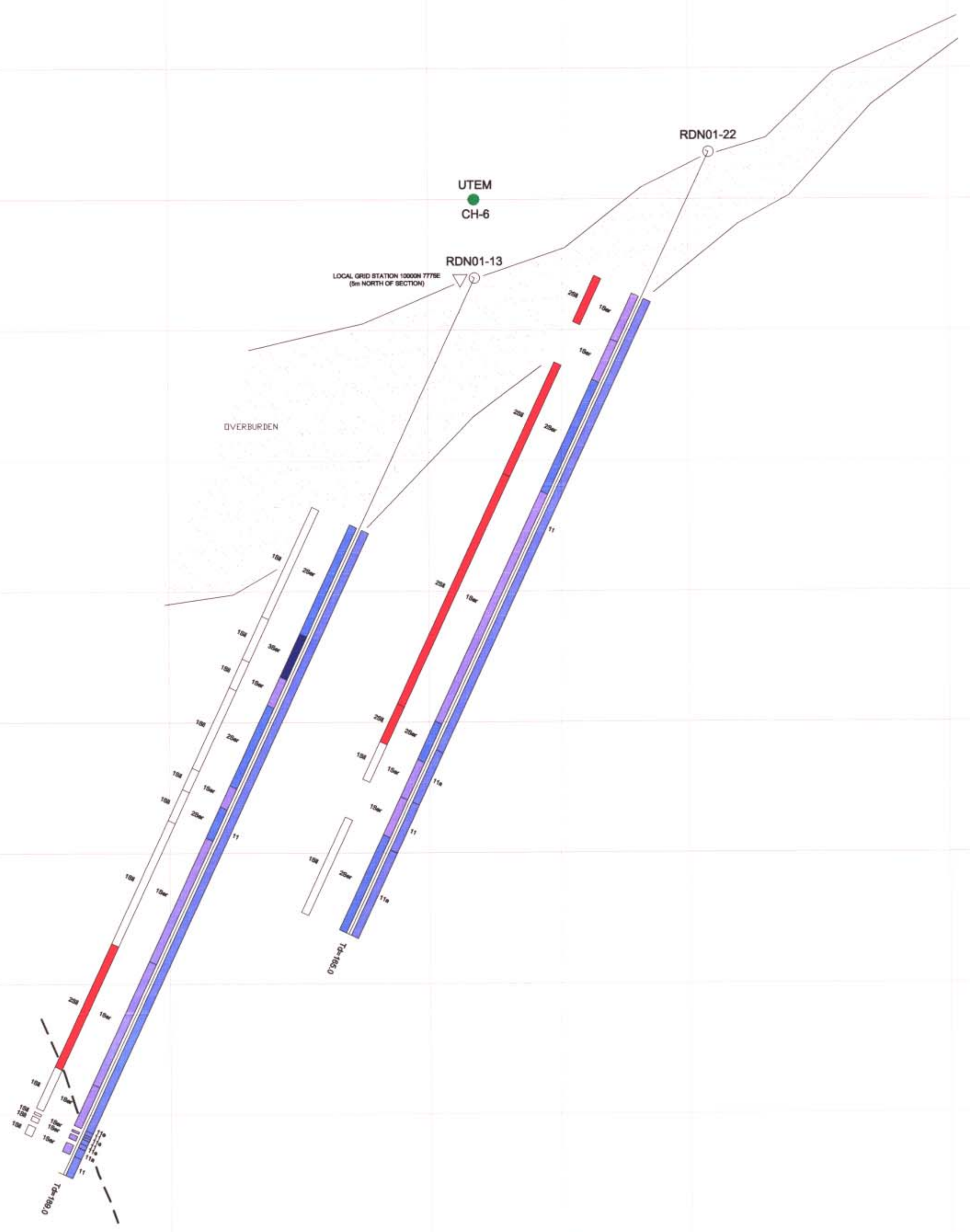
SECTION PLATE:
Origin: 4712, 386,743 / 4,216,761 / 800
Area: 90 / 100
Length: 300
Height: 300
Thickness: 30 (per each side)
Units are meters.



NEWMONT EXPLORATION OF CANADA LIMITED
Blindfire Minerals Corporation
RDW PROJECT, BRITISH COLUMBIA, CANADA
FOREST KERRIDGE CREEKS AREA, LIARD MINING DIVISION

Plate 5c Vol. 2/3
Section 10000N
Drillholes RDN01-13 and RDN01-22
ALTERATION
Wedge Zone, NTS Map 104G-02E

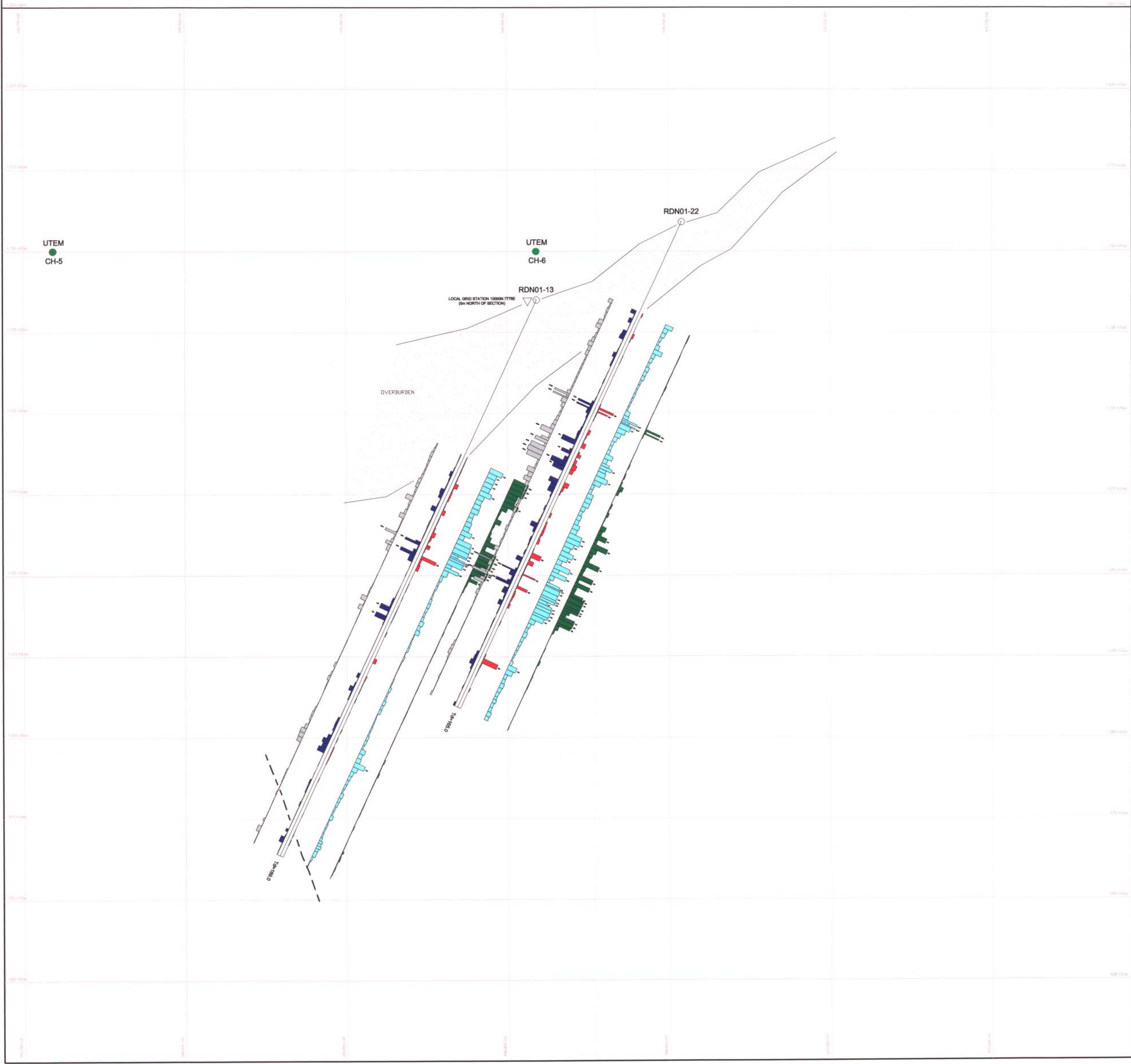
Coordinates System: UTM Zone 8 North, NAD83 Canada Mean Datum
Geographic: 4712, 386,743 / 4,216,761 / 800
Worksheet: 104G-02E, 15, 3007, 21-13-08
Sheet: 3/17



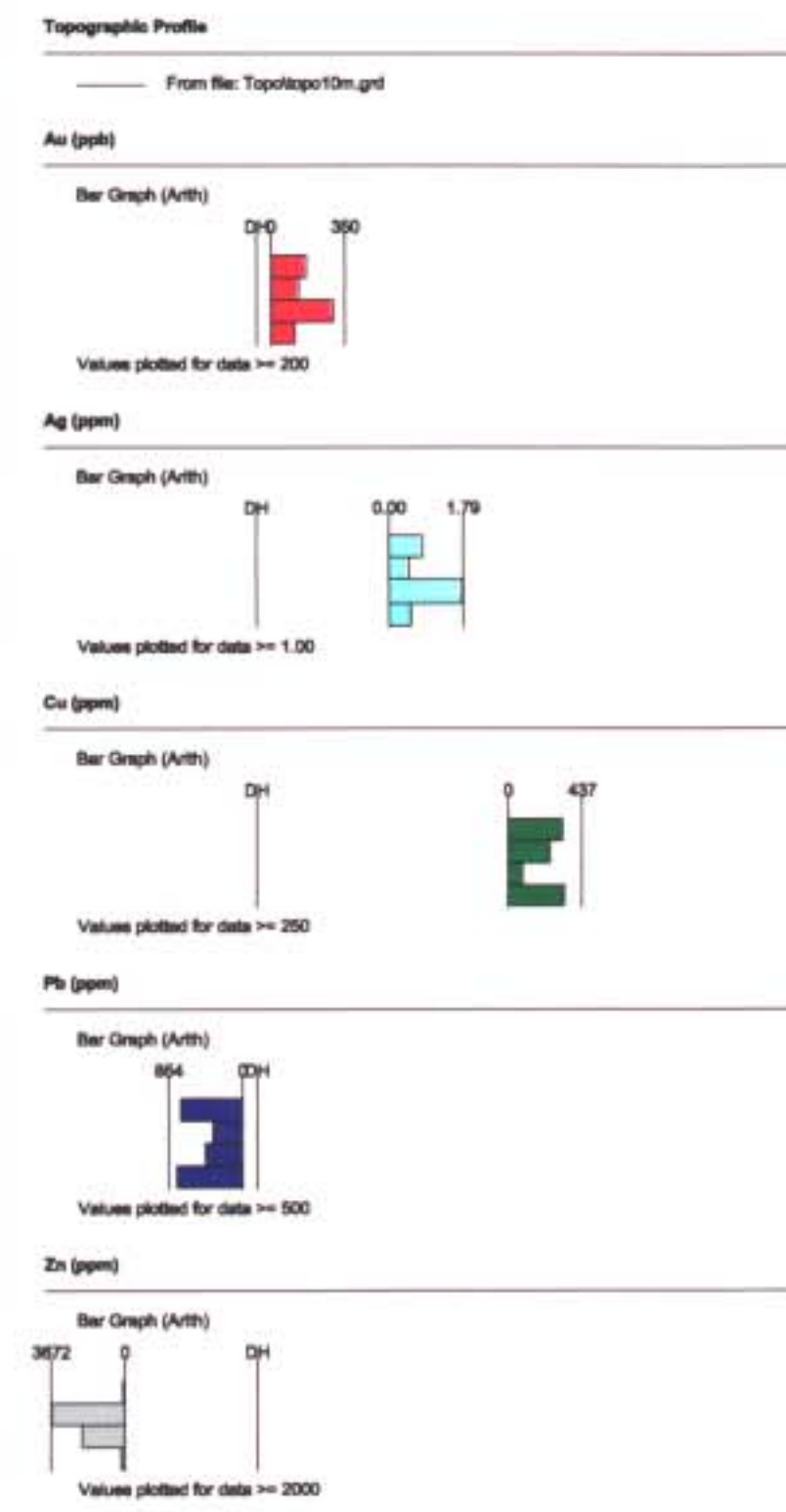
RDN01-13

RDN01-22

Adimuth = 90.0 deg



EXPLANATION



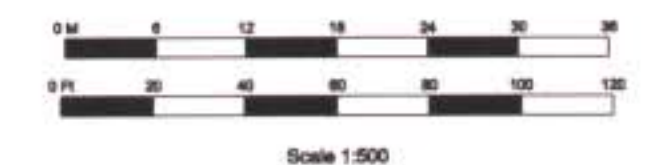
FAULT

GEOLOGICAL CONTACT

GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT

26,735

SECTION PLANE:
 Origin: 5702 388.743 4,374,761.800
 Azimuth: 90.0
 Length: 300
 Height: 500
 Thickness: 20 (per north side)
 Units are meters.



NEWMONT EXPLORATION OF CANADA LIMITED
 Rimfire Minerals Corporation

RDN PROJECT, BRITISH COLUMBIA, CANADA
 FORREST KERRMORE CREEKS AREA, LIARD MINING DIVISION

Plate 5b
 Section 10000N Vol 2/3
 Drillholes RDN01-13 and RDN01-22
 GEOCHEMISTRY
 Wedge Zone, NTS Map 104G-02E

Coordinate System: UTM Zone 8 North, NAD83 Canada Mean Datum
 Drawn by: Al Hodgkinson
 Printed: November 13, 2007 14:28:02

Azimuth = 90.0 deg

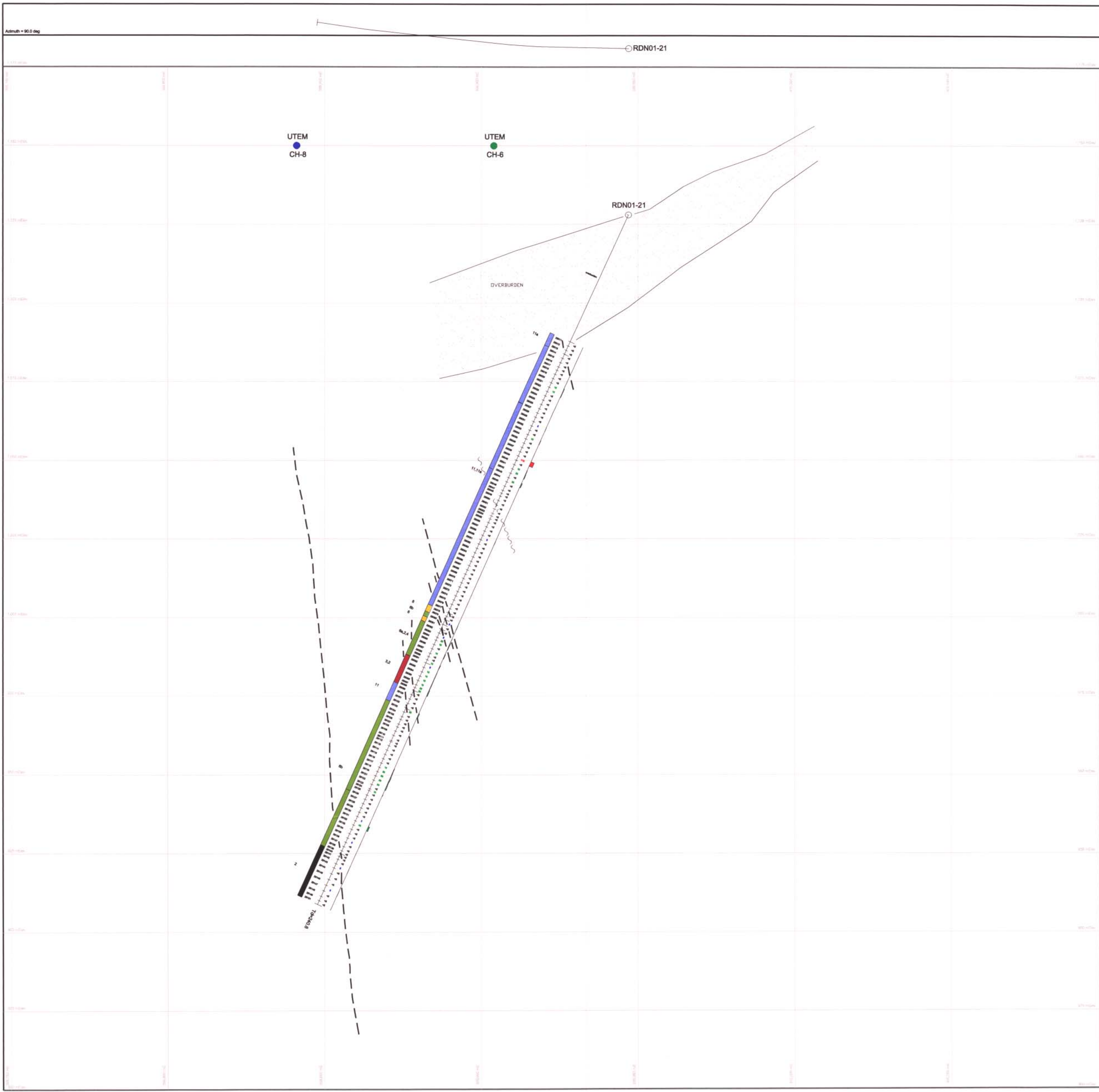
RDN01-21

UTEM
CH-8

UTEM
CH-6

RDN01-21

OVERBURDEN



EXPLANATION

Lithology

- Pattern graph from -7 to 2 meters from drillhole trace.
Width of pattern graph is constant.
- Close Intervals for Lithology
- 01, Andesite Breccia to Lapilli Tuff Amygdaloidal Flows (Flow)
 - 01a, Andesite Lithic Lapilli Tuff
 - 01b, Muddy Andesite Crystalline Ash Tuff
 - 02, Black Mudstone
 - 02a, Black Volcanoclastic Mudstone
 - 02b, Black Volcanoclastic Mudstone
 - 02c, Black Carbonaceous Mudstone
 - 02d, Silty Mudstone
 - 02e, Shredded Brecciated Angillite Black Mudstone
 - 03, Interbedded Volcanoclastic Silty Mudstone
 - 03a, Silty Mudstone
 - 04, Volcanoclastic Pebble Waste
 - 05, Fine Felsic Breccia - Fragmented Hyaloclastite/ Black Mudstone
 - 06, Polymictic Volcanoclastic Breccia
 - 06a, Matrix-rich Polymictic Volcanoclastic Breccia
 - 06b, Polymictic Volcanoclastic Fine Breccia
 - 07, Crystalline Lithic Lapilli Tuff - Breccia
 - 08, Grey Massive Pyritic Phylite
 - 09, Phylite
 - 10, Siliceous Volcanogenic Breccia
 - 11, Massive Feldspar Phylite Barroisite Ductile
 - 11a, Feldspar Phylite Ductile Breccia Breccia
 - 11b, Ductile Breccia (Paperlike?)
 - 11c, Ductile Ash Tuff
 - 11d, Feldspar Phylite Ductile with Siliceous, +/- brecciated (hyalite?) bands
 - 11e, Amygdaloidal Ductile
 - 12, K-feldspar Porphyry
 - 13a, Phylite Breccia
 - 13b, Ductile Dike

Air (psf)

Bar Graph (APR)



Close Intervals for Air (psf)

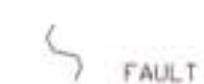
- 0 - 5, Below Detection
- 5 - 10
- 10 - 100
- 100 - 10000

Sample Number

Sample number is plotted to the left of the drillhole trace.

Topographic Profile

From file: Topogp10m.grd

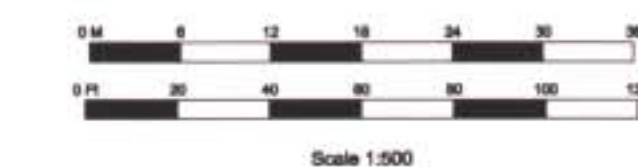


--- GEOLGICAL CONTACT

GEOLOGICAL SURVEY BRANCH
ASSESSMENT SECT

20,735

SECTION PLANE:
Origin: 3702, 386,747 / 8,374,889 / 180
Azimuth: 90.00
Length: 100
Height: 325
Thickness: 10 (per each slice)
Units are meters.



NEWMONT EXPLORATION OF CANADA LIMITED
Rimfire Minerals Corporation

RDH PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERRIMORE CREEKS AREA, LIARD MINING DIVISION

Plate 6a
Section 10200N
Drillhole RDN01-21
GEOLOGY/ GOLD GEOCHEMISTRY
Wedge Zone, NTS Map 104G-02E

17 101.2/3

Azimuth = 90.0 deg

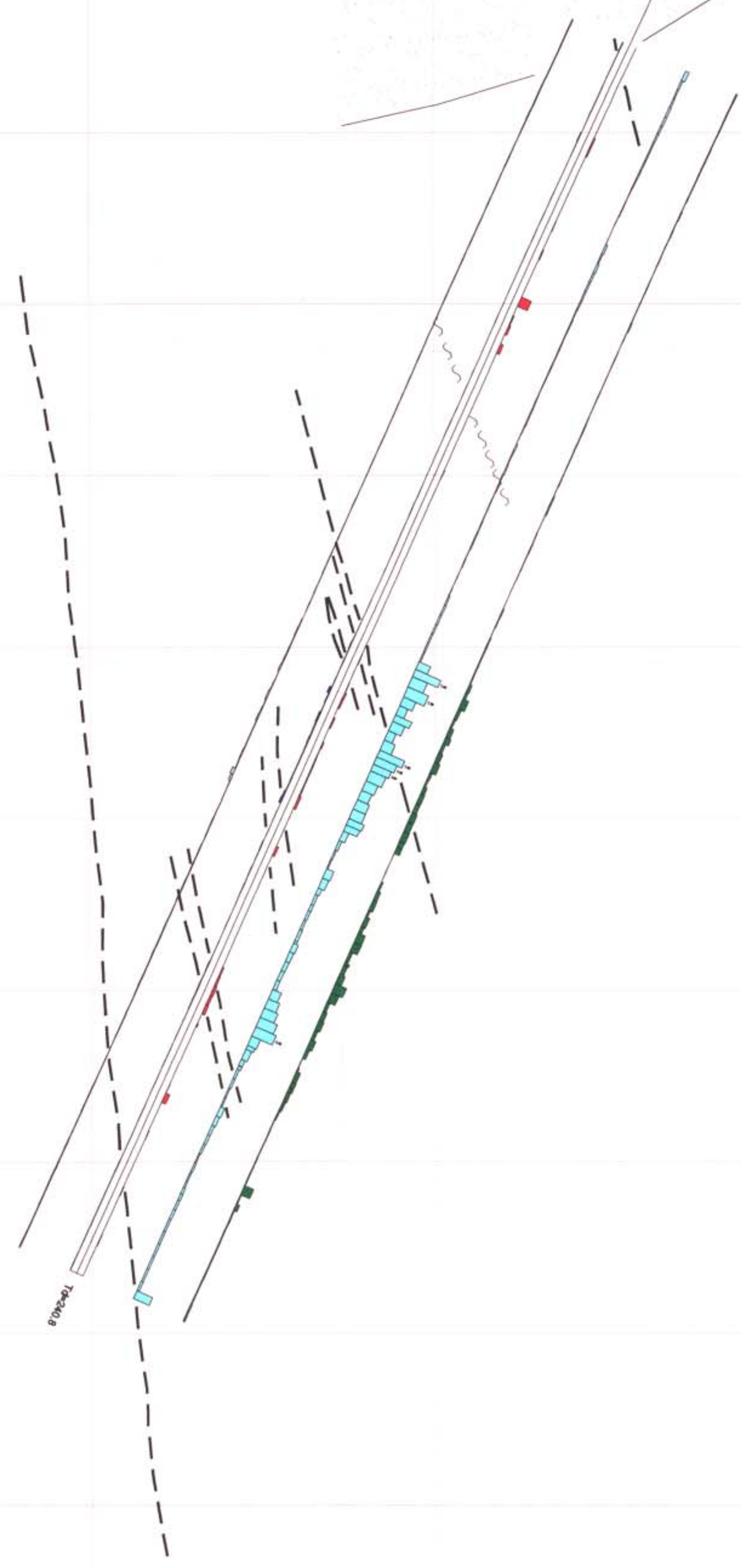
RDN01-21

UTEM
CH-8

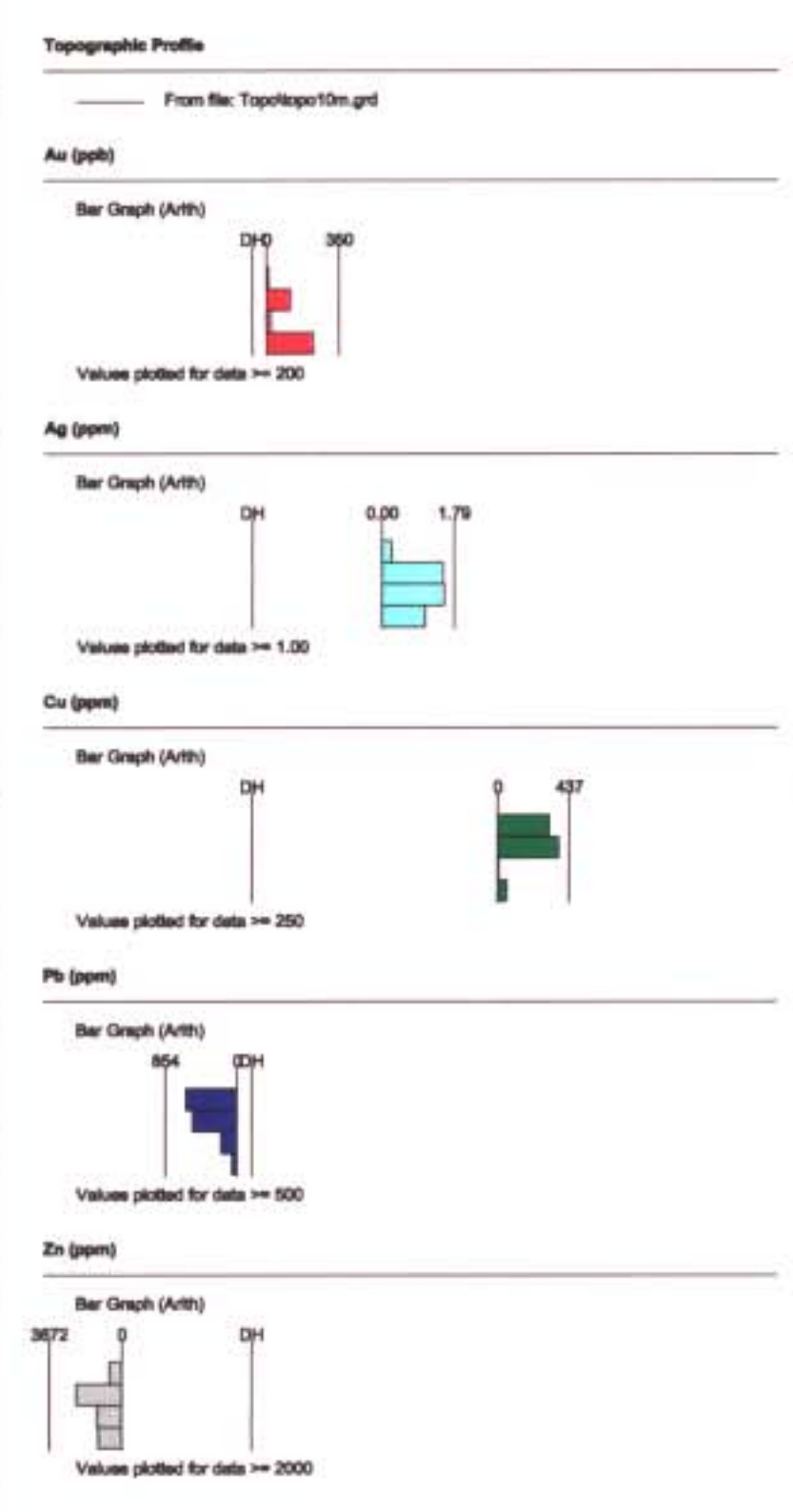
UTEM
CH-6

RDN01-21

OVERBURDEN



EXPLANATION

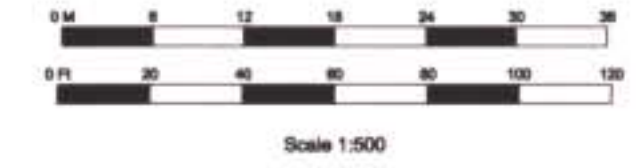


— FAULT
 - - - GEOLOGICAL CONTACT

GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT

26,735

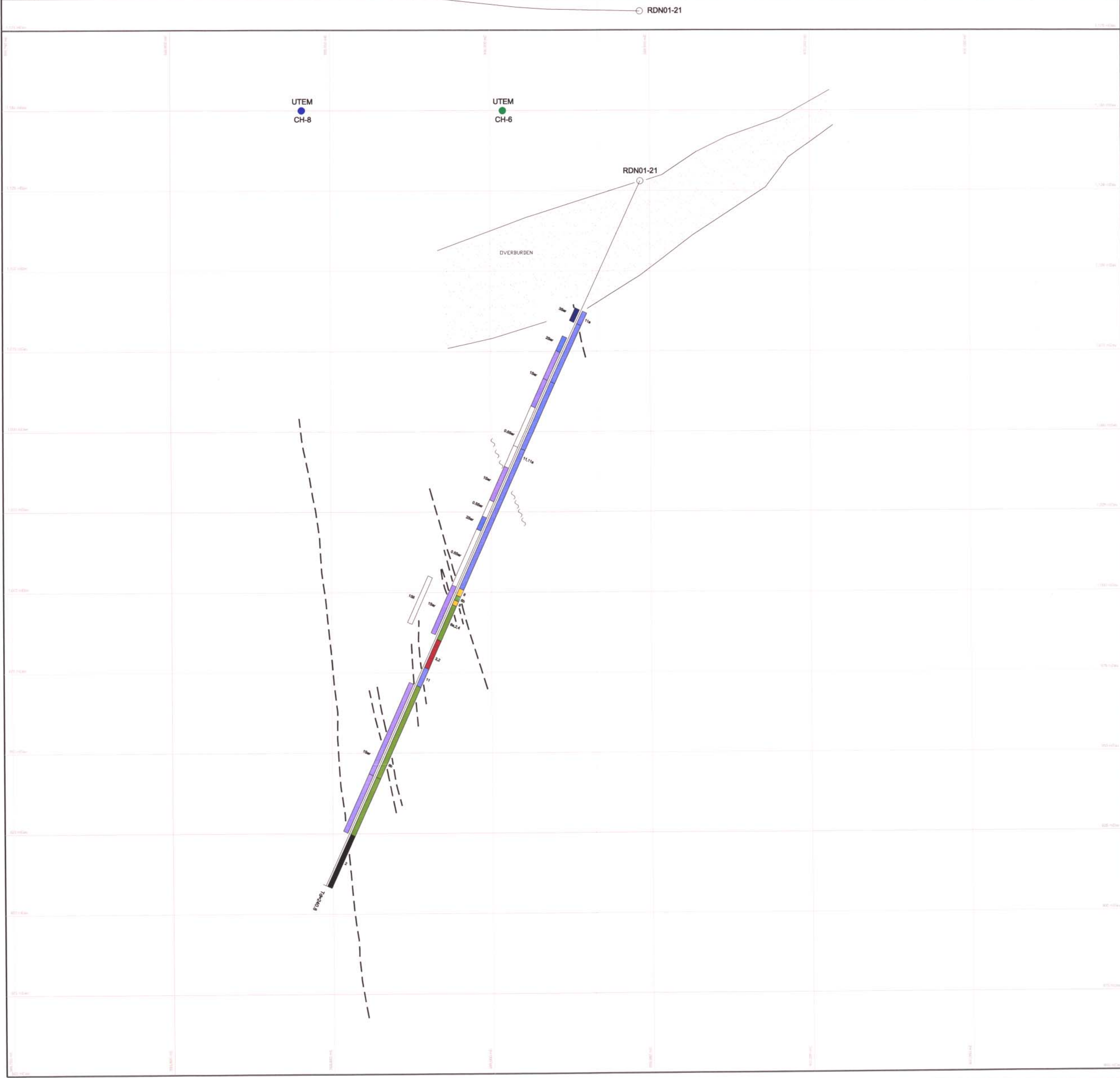
SECTION PLANE
 Origin NAD83: 386747 E, 6316380 N 800
 Azimuth: 90 / 00
 Length: 300
 Height: 320
 Thickness: 10 (per each side)
 Units are meters



NEWMONT EXPLORATION OF CANADA LIMITED
 Rimfire Minerals Corporation
 RDW PROJECT, BRITISH COLUMBIA, CANADA
 FORREST KERRMORE CREEKS AREA, LIARD MINING DIVISION

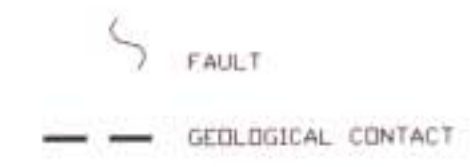
Plate 6b
 Section 10200N
 Drillhole RDN01-21 GEOCHEMISTRY
 Wedge Zone, NTS Map 104G-02E

Coordinate System: UTM Zone 8 North, NAD83 Canada Mean Datum
 Drawn by: M. Montgomery
 Title: November 13, 2011 10:17:11 PM
 Sheet 3 of 3



EXPLANATION

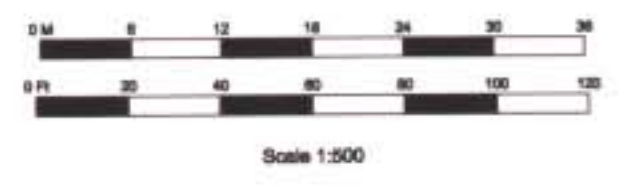
- Lithology**
- Pattern graph from 1 to 2 meters from drillhole trace.
Width of pattern graph is constant.
- Class Intervals for Lithology:
- 01, Andesite Breccia to Lapilli Tuff Amygdaloidal Flow (Flow)
 - 01a, Andesite Lapilli Lapilli Tuff
 - 02, Muddy Andesite Crystalline Ash Tuff
 - 03, Black Mudstone
 - 03a, Black Volcanoclastic Mudstone
 - 03b, Black Feldspar Crystalline Ash Volcanoclastic Mudstone
 - 03c, Black Carbonaceous Mudstone
 - 03d, Silty Mudstone
 - 03e, Channel Brecciated Agglomerate Mudstone
 - 04, Interbedded Volcanoclastic Silty Mudstone
 - 05, Siltstone
 - 06, Volcanoclastic Pebble Wacke
 - 06a, Fine Pebbles Breccia - Brecciated Hydrothermal Black Mudstone
 - 06b, Polymictic Volcanoclastic Breccia
 - 06c, Matrix-rich Polymictic Volcanoclastic Breccia
 - 06d, Polymictic Volcanoclastic Fine Breccia
 - 07, Crystalline Lapilli Lapilli Breccia
 - 08, Grey Massive Pyritic Rhyolite
 - 09, Rhyolite
 - 10, Siliceous Volcanogenic Breccia
 - 11, Massive Feldspar Pyritic Sericitic Dacite
 - 11a, Feldspar Pyritic Dacite Crackle Breccia
 - 11b, Dacite Breccia (Paperlike)
 - 11c, Dacite Ash Tuff
 - 11d, Feldspar Pyritic Dacite with Siliceous, +/- brecciated (hyalite?) bands
 - 11e, Amygdaloidal Dacite
 - 12, K-feldspar Porphyry
 - 13a, Rhyolite SS
 - 13b, Dacite Dike
- Serfite Alteration**
- Pattern graph from -2 to 2 meters from drillhole trace.
Width of pattern graph is constant.
- Class Intervals for Serfite:
- 0.5Ser, 0.5Ser (n = 17)
 - 1Ser, 1Ser (n = 40)
 - 2Ser, 2Ser (n = 38)
 - 3Ser, 3Ser (n = 8)
- Silification**
- Pattern graph from -10 to 2 meters from drillhole trace.
Width of pattern graph is constant.
- Class Intervals for Silification:
- 1S, 1S (n = 40)
 - 2S, 2S (n = 18)
- Topographic Profile**
- From file: Topo10200n.gri



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

26,735

SECTION PLANE:
Origin N712, 561747 E, 1518.960 M
Azimuth 90.000
Length 300
Height 300
Thickness 10 (per each side)



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Rimfire Minerals Corporation

RDN PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERRMORE CREEKS AREA, LIARD MINING DIVISION

19 Plate 6c Vol 2/3
Section 10200N
Drillhole RDN01-21 ALTERATION
Wedge Zone, NTS Map 104G-02E

Coordinate System: UTM Zone 8 North, NAD83 Canada Mean Datum
Geographic: NAD83
Horizontal: Northing 14, 2011 211408
Revision: 0.17

Azimuth = 90.0 deg

RDN01-14

UTEM
CH-5

RDN01-14

OVERBURDEN

Tec-148.3

EXPLANATION

Lithology

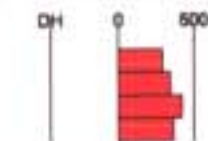
Pattern graph from -7 to 2 meters from drillhole trace.
Width of pattern graph is constant.

Class Intervals for LithCode:

- 01, Andesite Breccia to Lapilli Tuff / Amygdaloid Flow (Flow)
- 01a, Andesite Lithic Lapilli Tuff
- 01b, Muddy Andesite Crystal Ash Tuff
- 02, Black Mudstone
- 02a, Black Volcanoclastic Mudstone
- 02b, Black Feldspar Crystal-rich Volcanoclastic Mudstone
- 02c, Black Carbonaceous Mudstone
- 02d, Silty Mudstone
- 02e, Sheared/Brecciated Argillite Black Mudstone
- 03, Interbedded Volcanoclastic Siltstone/Mudstone
- 03a, Siltstone
- 04, Volcanoclastic Pebble Wacke
- 05, Fine Felsic Breccia - Resedimented Hyaloclastite(?) Black Mudstone
- 06, Polymictic Volcanoclastic Breccia
- 06a, Matrix-rich Polymictic Volcanoclastic Breccia
- 06b, Polymictic Volcanoclastic Fine Breccia
- 07, Crystal Lithic Lapilli Tuff - Breccia
- 08, Grey Massive Pyritic Rhyolite
- 09, Rhyolite
- 10, Siliceous Volcanogenic Breccia
- 11, Massive Feldspar Pyritic Serotite Dacite
- 11a, Feldspar Pyritic Dacite Crackle Breccia
- 11b, Dacite Breccia (Peperite?)
- 11c, Dacite Ash Tuff
- 11d, Feldspar Pyritic Dacite with Siliceous, +/- brecciated (hyalite?) bands
- 11e, Amygdaloid Dacite
- 12, K-feldspar Porphyry
- 13a, Rhyolite DSI
- 13b, Dacite DSI

Au (ppb)

Bar Graph (Arth)



Class Intervals for Au (ppb):

- 5 - 5, Below Detection
- 5 - 10
- 10 - 100
- 100 - 100000

Sample Number

Sample number is plotted to the left of the drillhole trace.

Topographic Profile

From file: Topo10m.grd

SECTION PLANE:
 Origin: X/Y/Z: 450,387 / 6,315,113 / 880
 Azimuth: 90 / 90
 Length: 300
 Height: 300
 Thickness: 10 (in each dir)

Units are meters.



Scale 1:500

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 Rimfire Minerals Corporation

RDN PROJECT, BRITISH COLUMBIA, CANADA
 FORREST KERR/MORE CREEKS AREA, LIARD MINING DIVISION

20
 Plate 7a Vol 2/3
 Section 4900N
 Drillhole RDN01-14
 GEOLOGY/ GOLD GEOCHEMISTRY
 Camp Zone, NTS Map 104B-15E

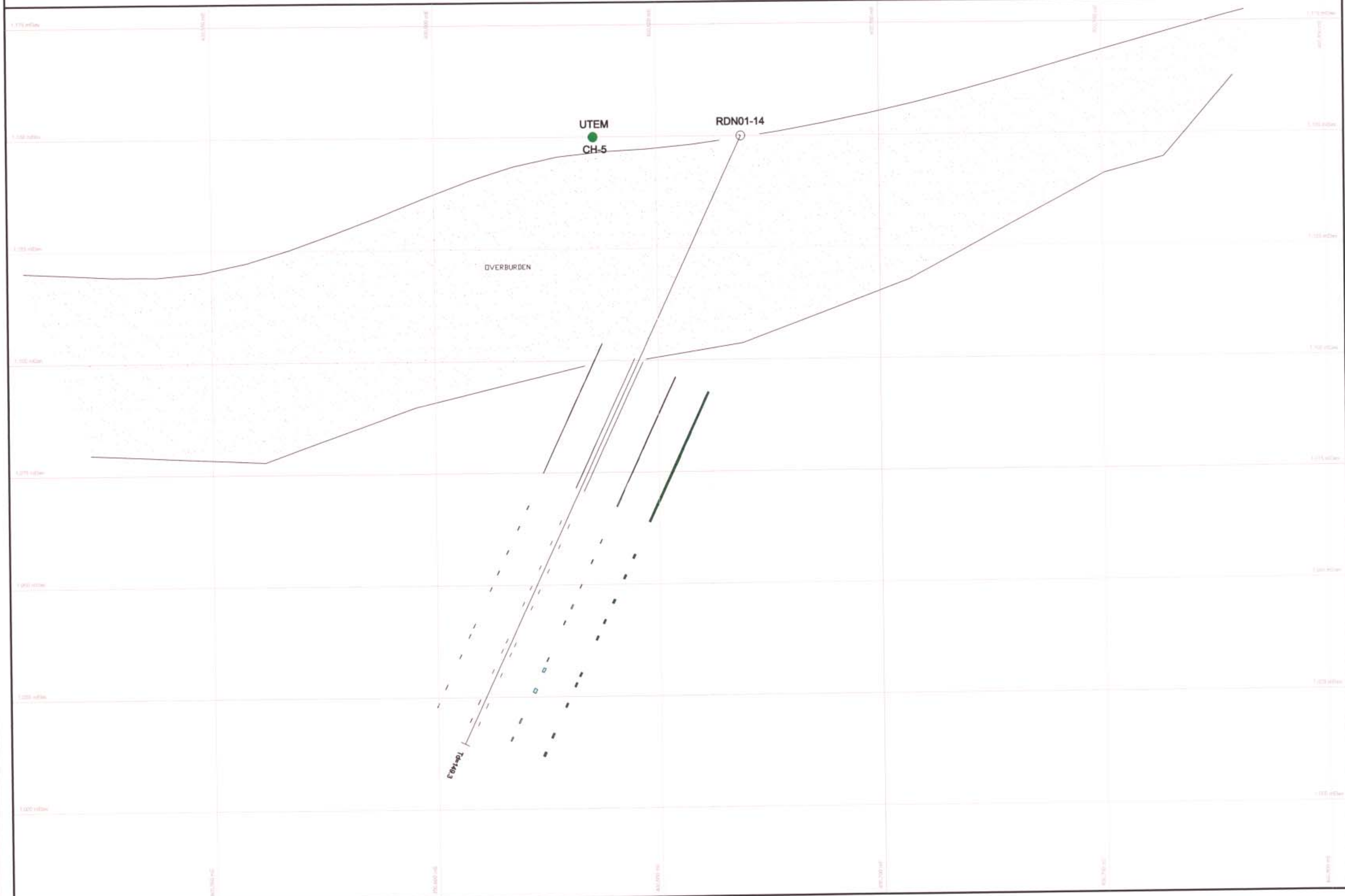
Coordinate System: UTM Zone 9 North, NAD83 Canada Mean Datum
 Geologist: AJ Montgomery
 Tuesday, November 13, 2011 9:58:44 PM

Sheet 2 of 18

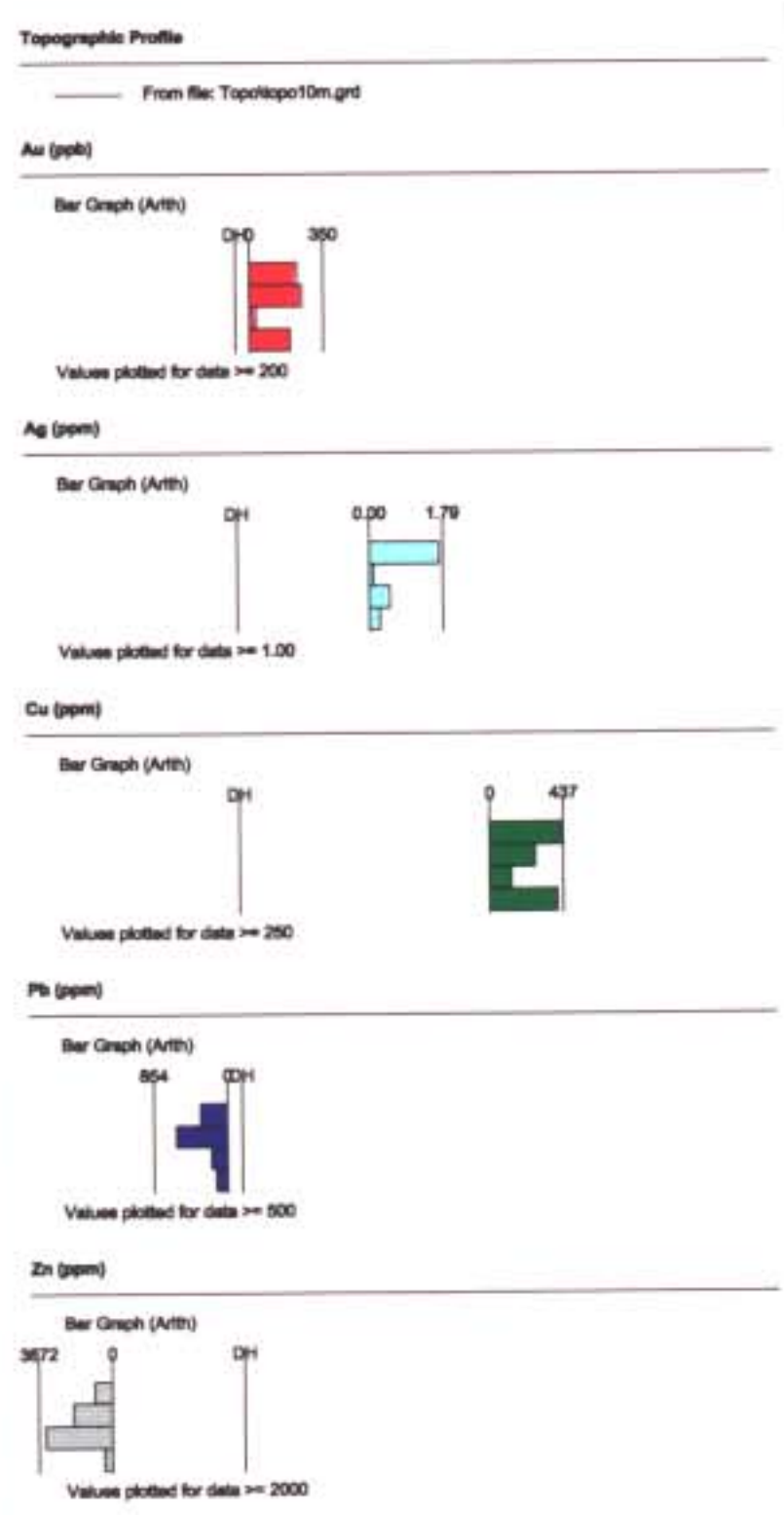
GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT
 26,735

Azimuth = 90.0 deg

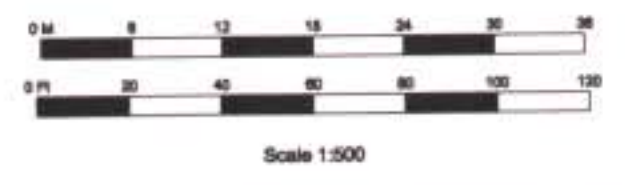
RDN01-14



EXPLANATION



SECTION PLANE:
Origin NUTM: 400,387 / 6,315,110 / 880
Azimuth: 90 / 80
Length: 300
Height: 300
Thickness: 10 (on each side)
Units are meters.



GEOLOGICAL SURVEY BRANCH
 ASSESSMENT DIVISION
 26,735

NEWMONT EXPLORATION OF CANADA LIMITED
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RDN PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERRIMORE CREEKS AREA, LIARD MINING DIVISION

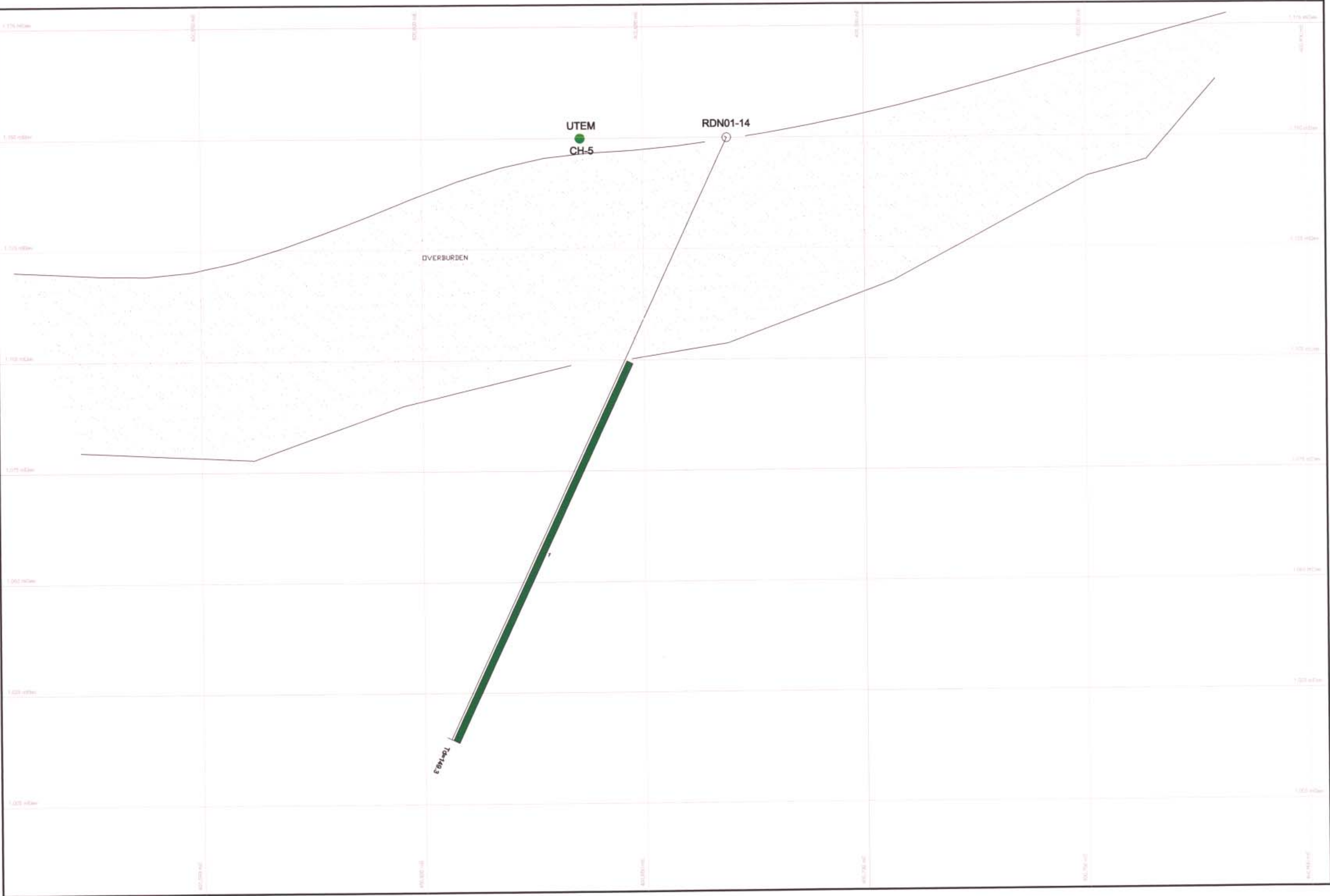
(21) Plate 7b Vol 2/3
Section 4900N
Drillhole RDN01-14 GEOCHEMISTRY
Camp Zone, NTS Map 104B-15E

Coordinate System: UTM Zone 8 North, NAD83 Canada Mean Datum
Geographic: Al Montgomery
Tuesday, November 15, 2011 02:10:21 PM

Admuth = 90.0 deg

RDN01-14

EXPLANATION



- Lithology**
- Pattern graph from 1 to 2 meters from drillhole trace.
Width of pattern graph is constant.
Class intervals for Lithology:
- 01, Andesite Breccia to Lapilli Tuff Amygdaloidal Flows (Pillows)
 - 01a, Andesite Lithic Lapilli Tuff
 - 01b, Muddy Andesite Crystalline Ash Tuff
 - 02, Black Mudstone
 - 02a, Black Volcanoclastic Mudstone
 - 02b, Black Feldspar Crystalline rich Volcanoclastic Mudstone
 - 02c, Black Carbonaceous Mudstone
 - 02d, Silty Mudstone
 - 02e, Shredded/Brecciated Argillite/Black Mudstone
 - 03, Interbedded Volcanoclastic Silty Mudstone
 - 03a, Siltstone
 - 04, Volcanoclastic Pebble Wacke
 - 05, Fine Felsic Breccia - Reconsolidated Hydrothermal? Black Mudstone
 - 06, Polymictic Volcanoclastic Breccia
 - 06a, Matrix-rich Polymictic Volcanoclastic Breccia
 - 06b, Polymictic Volcanoclastic Fine Breccia
 - 07, Crystalline Lithic Lapilli Tuff - Breccia
 - 08, Grey Massive Pyritic Rhyolite
 - 09, Rhyolite
 - 10, Siliceous Volcanogenic Breccia
 - 11, Massive Feldspar Pyritic Sericitic Dacite
 - 11a, Feldspar Pyritic Dacite Crackle Breccia
 - 11b, Dacite Breccia (Paperlike?)
 - 11c, Dacite Ash Tuff
 - 11d, Feldspar Pyritic Dacite with Siliceous, +/- brecciated (rhyolite?) breccia
 - 11e, Amygdaloidal Dacite
 - 12, K-feldspar Porphyry
 - 13a, Rhyolite Breccia
 - 13b, Dacite Dike

- Sericite Alteration**
- Pattern graph from -2 to 2 meters from drillhole trace.
Width of pattern graph is constant.
Class intervals for Sericite:
- 0.5Bar, 0.5Bar (n = 17)
 - 1Bar, 1Bar (n = 40)
 - 2Bar, 2Bar (n = 36)
 - 3Bar, 3Bar (n = 8)

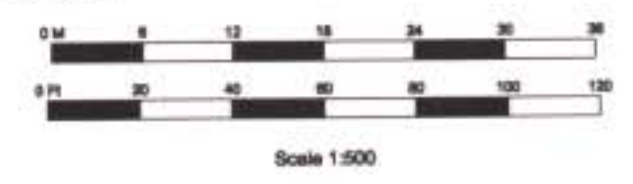
- Siltification**
- Pattern graph from -10 to 2 meters from drillhole trace.
Width of pattern graph is constant.
Class intervals for Siltification:
- 10S, 10S (n = 40)
 - 20S, 20S (n = 16)

Topographic Profile

From file: Topo10m.grd

SECTION PLANE:
Origin: NAD83 400,300 / 6,316,110 / 80
Azimuth: 90 / 90
Length: 300
Height: 300
Thickness: 10 (in each side)

Units are meters.



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RDN PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERR/MORE CREEKS AREA, LIARD MINING DIVISION

22 Plate 7c Vol. 2/3
Section 4900N
Drillhole RDN01-14 ALTERATION
Camp Zone, NTS Map 104B-15E

Coordinate System: UTM Zone 8 North, NAD83 Canada Mean Datum
Designed: A. Montgomery
Wednesday, November 14, 2012 2:14:08 PM

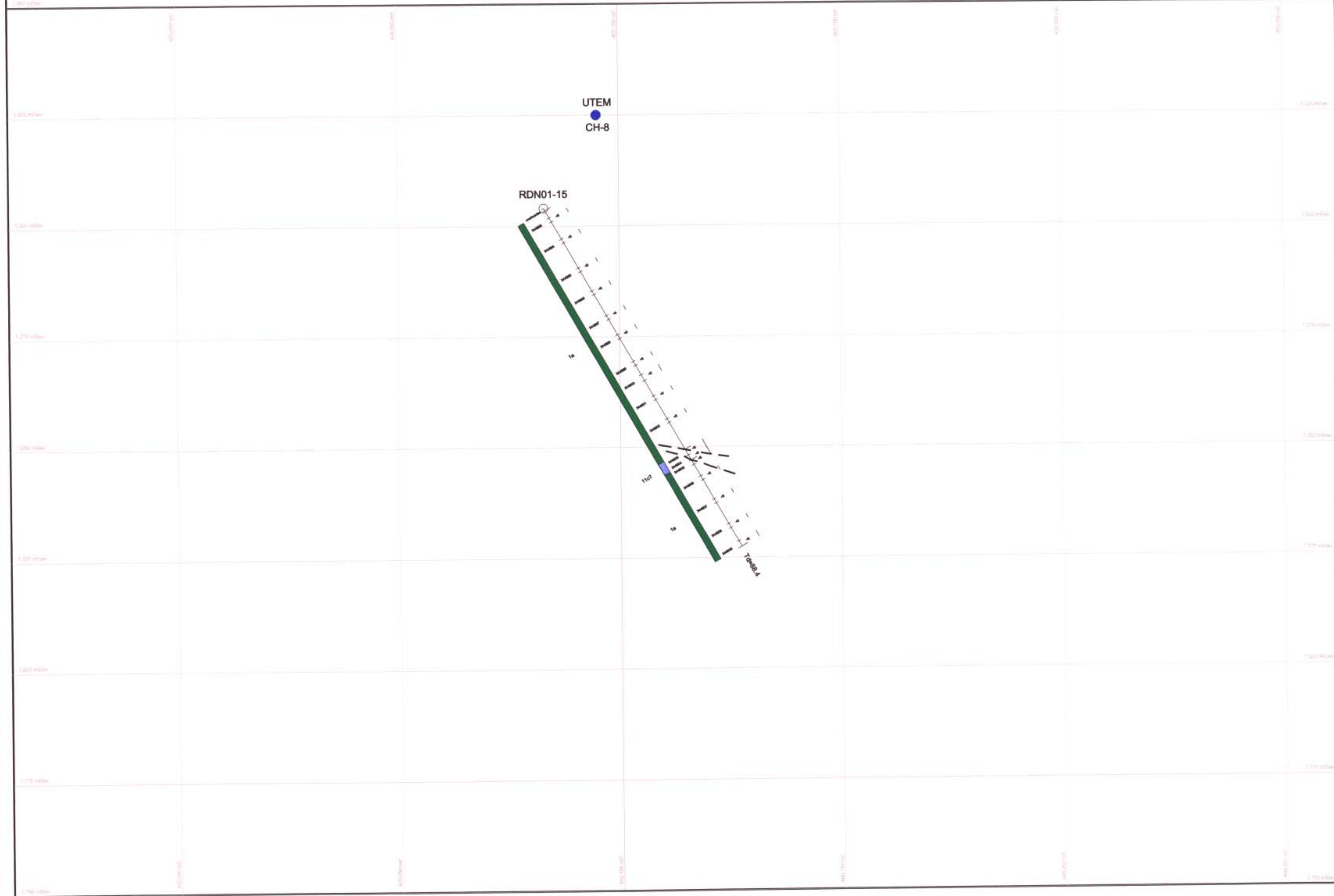
GEOLOGICAL SURVEY BRANCH
26,735

Azimuth = 90.0 deg

RDN01-15

UTEM
CH-8

RDN01-15



EXPLANATION

Lithology

Pattern graph from -7 to 2 meters from drillhole trace.
Width of pattern graph is constant.

- Class Intervals for LithCode:
- 01, Andesite Breccia to Lapilli Tuff Amygdaloidal Flows (Fillows)
 - 01a, Andesite Lithic Lapilli Tuff
 - 01b, Muddy Andesite Crystalline Ash Tuff
 - 02, Black Mudstone
 - 02a, Black Volcanoclastic Mudstone
 - 02b, Black Feldspar Crystalline-rich Volcanoclastic Mudstone
 - 02c, Black Carbonaceous Mudstone
 - 02d, Silty Mudstone
 - 02e, Shredded Brecciated Argillifer Black Mudstone
 - 03, Interbedded Volcanoclastic Siltstone/ Mudstone
 - 03a, Siltstone
 - 04, Volcanoclastic Pebble Wacke
 - 05, Fine Feldic Breccia - Resedimented Hyaloclastite/ Black Mudstone
 - 06, Polyimic Volcanoclastic Breccia
 - 06a, Melts-rich Polyimic Volcanoclastic Breccia
 - 06b, Polyimic Volcanoclastic Fine Breccia
 - 07, Crystalline Lithic Lapilli Tuff - Breccia
 - 08, Grey Massive Pyritic Rhyolite
 - 08, Rhyolite
 - 10, Siliceous Volcanogenic Breccia
 - 11, Massive Feldspar Phyrlic Sericitic Dacite
 - 11a, Feldspar Phyrlic Dacite Crackle Breccia
 - 11b, Dacite Breccia (Pepper?)
 - 11c, Dacite Ash Tuff
 - 11d, Feldspar Phyrlic Dacite with Siliceous, +/- brecciated (rhyolite?) bands
 - 11e, Amygdaloidal Dacite
 - 12, K-feldspar Porphyry
 - 13a, Rhyodacite Sill
 - 13b, Dacite Dike

Au (ppb)

Bar Graph (Arth)



Class Intervals for Au (ppb):

- 5 - 5, Below Detection
- 5 - 10
- 10 - 100
- 100 - 100000

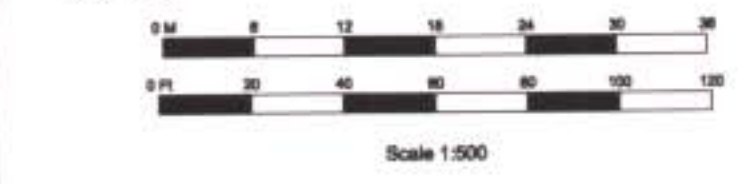
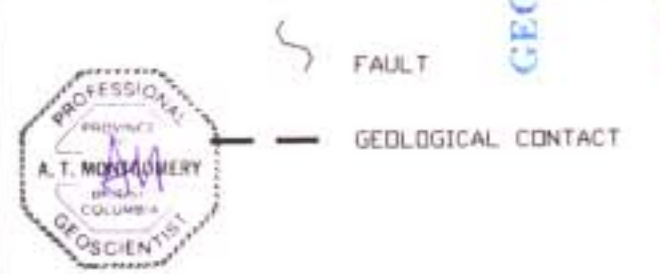
Sample Number

Sample number is plotted to the left of the drillhole trace.

Topographic Profile

From file: Topo10m.grd

SECTION PLANE:
 Origin: 396,817 / 8,312,860 / 1,150
 Azimuth: 90 / 90
 Length: 300
 Height: 300
 Thickness: 10 (m each side)
 Units are meters.



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 Rimfire Minerals Corporation

RDN PROJECT, BRITISH COLUMBIA, CANADA
 FORREST KERRMORE CREEKS AREA, LIARD MINING DIVISION

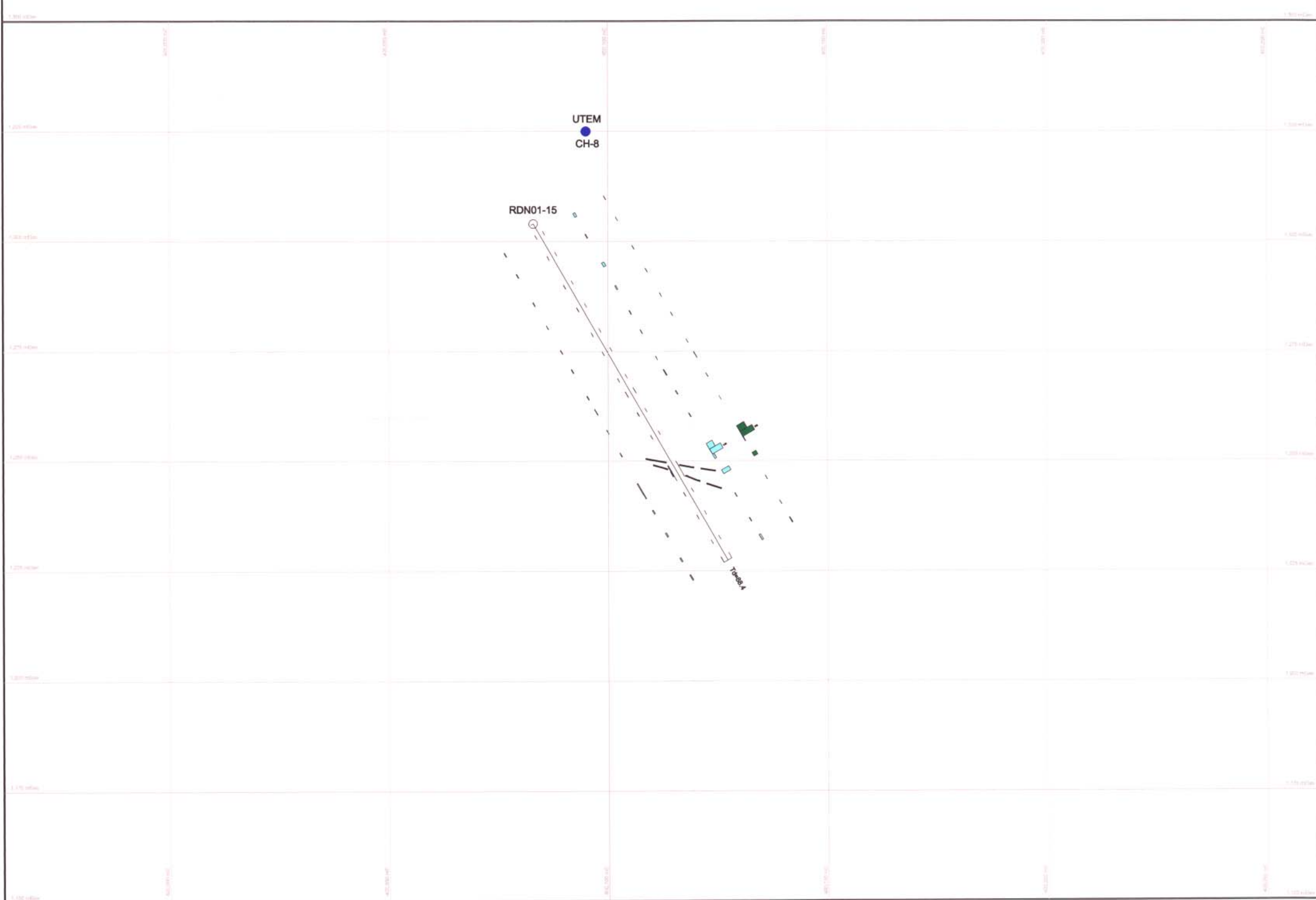
23
 Plate 8a
 Section 2540N
 Drillhole RDN01-15
 GEOLOGY/ GOLD GEOCHEMISTRY
 Sand Lake Zone, NTS Map 104B-15E

Geographic System: UTM Zone 9 North, NAD83 Canada Mean Datum
 Geocentric: NAD83
 Tuesday, November 15, 2011 01:05:22 PM

GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT
 26,735

RDN01-15

Azimuth = 90.0 deg

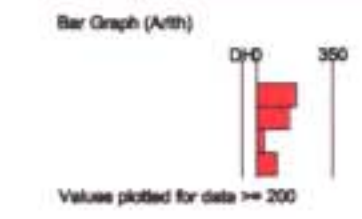


EXPLANATION

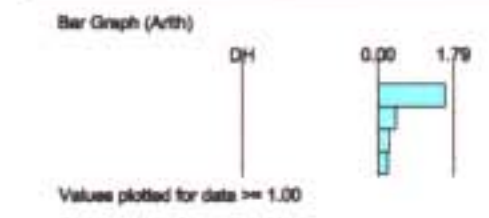
Topographic Profile

From file: Topo10m.grd

Au (ppb)



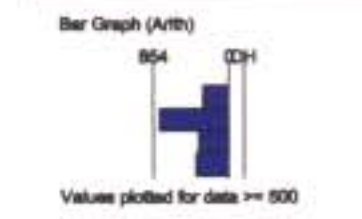
Ag (ppm)



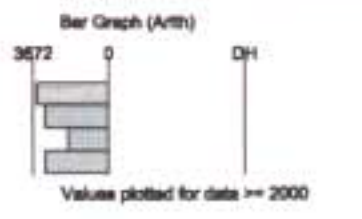
Cu (ppm)



Pb (ppm)



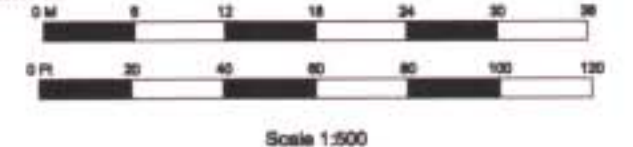
Zn (ppm)



SECTION PLANE:
 Origin: NAD83 / 4312,880 / 1,180
 Azimuth: 90 / 90
 Length: 300
 Height: 300
 Thickness: 10 (in each side)
 Units are meters.



FAULT
 GEOLOGICAL CONTACT



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RDN PROJECT, BRITISH COLUMBIA, CANADA
 FORREST KERR/MORE CREEKS AREA, LIARD MINING DIVISION

(24) Plate 8b Vol. 2/3
 Section 2540N
 Drillhole RDN01-15 GEOCHEMISTRY
 Sand Lake Zone, NTS Map 104B-15E

Coordinate System: UTM Zone 8 North, NAD83 Canada Mean Datum
 Geoid: 44 Meters
 Tuesday, November 13, 2011 02:17:43 PM

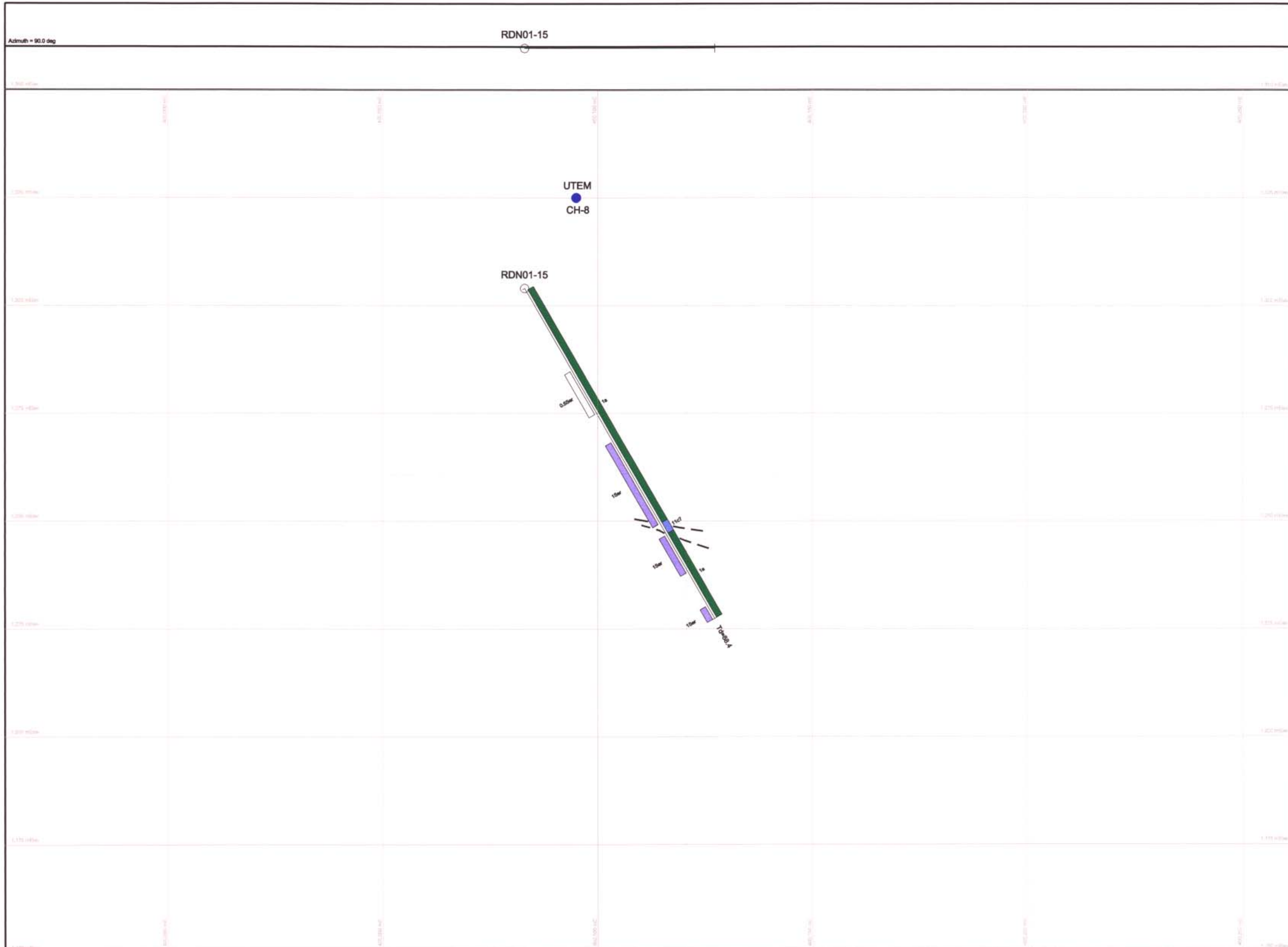
GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT
 26.735

Azimuth = 90.0 deg

RDN01-15

UTEM
CH-8

RDN01-15



EXPLANATION

Lithology

Pattern graph from 1 to 2 meters from drillhole trace.
Width of pattern graph is constant.

Class Intervals for Lithology:

- 01, Andesite Breccia to Lapilli Tuff Amygdaloidal Flows (Flows)
- 01a, Andesite Lithic Lapilli Tuff
- 01b, Muddy Andesite Crystal Ash Tuff
- 02, Black Mudstone
- 02a, Black Volcanoclastic Mudstone
- 02b, Black Feldspar Crystal-rich Volcanoclastic Mudstone
- 02c, Black Carbonaceous Mudstone
- 02d, Silty Mudstone
- 02e, Sheared/ Brecciated Argillite/ Black Mudstone
- 03, Interbedded Volcanoclastic Siltstone/ Mudstone
- 03a, Siltstone
- 04, Volcanoclastic Pebble Wacke
- 05, Fine Felsic Breccia - Resedimented Hydrothermal/ Black Mudstone
- 06, Polymictic Volcanoclastic Breccia
- 06a, Matrix-rich Polymictic Volcanoclastic Breccia
- 06b, Polymictic Volcanoclastic Fine Breccia
- 07, Crystal Lithic Lapilli Tuff - Breccia
- 08, Gray Massive Pyritic Rhyolite
- 09, Rhyolite
- 10, Siliceous Volcanogenic Breccia
- 11, Massive Feldspar Phytic Sericitic Dacite
- 11a, Feldspar Phytic Dacite Crackle Breccia
- 11b, Dacite Breccia (Papette?)
- 11c, Dacite Ash Tuff
- 11d, Feldspar Phytic Dacite with Siliceous, +/- brecciated (rhyolite?) bands
- 11e, Amygdaloidal Dacite
- 12, K-feldspar Porphyry
- 13a, Rhyodacite SS
- 13b, Dacite Dike

Sericite Alteration

Pattern graph from -2 to 2 meters from drillhole trace.
Width of pattern graph is constant.

Class Intervals for Sericite:

- 0.5Ser, 0.5Ser (n = 17)
- 1Ser, 1Ser (n = 40)
- 2Ser, 2Ser (n = 35)
- 3Ser, 3Ser (n = 5)

Silicification

Pattern graph from -10 to 2 meters from drillhole trace.
Width of pattern graph is constant.

Class Intervals for Silicification:

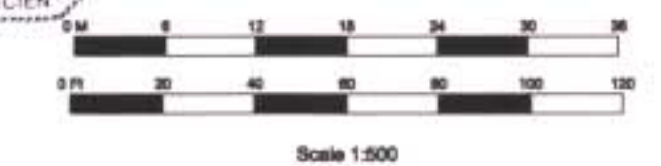
- 1S, 1S (n = 40)
- 2S, 2S (n = 18)

Topographic Profile

From file: Topo10m.grd

SECTION PLANE:
 Origin: 589,817 / 6,312,882 / 1,160
 Azimuth: 90 / 90
 Length: 300
 Height: 300
 Thickness: 10 (in each side)
 Units are meters.

— FAULT
 — GEOLOGICAL CONTACT



NEWMONT EXPLORATION OF CANADA LIMITED
 Rimfire Minerals Corporation

RDM PROJECT, BRITISH COLUMBIA, CANADA
 FORREST KERRMORE CREEKS AREA, LIARD MINING DIVISION

(25) Plate 8c Vol. 2/3
 Section 2540N
 Drillhole RDN01-15 ALTERATION
 Sand Lake Zone, NTS Map 104B-15E

Coordinate System: UTM Zone 9 North, NAD83 Canada Mean Datum
 Drawn by: A. Montgomery
 Date: November 14, 2007 21:14:32

GEOLOGICAL SURVEY BRANCH
 26,735

Azimuth = 90.0 deg

RDN01-16

UTEM
CH-9

RDN01-16

OVERBURDEN

EXPLANATION

Lithology

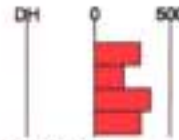
Pattern graph from -7 to 2 meters from drillhole trace.
Width of pattern graph is constant.

Class Intervals for LithCode:

- 01, Andesite Breccia to Lapilli Tuff / Amygdaloidal Flows (Pillows)
- 01a, Andesite Lithic Lapilli Tuff
- 01b, Muddy Andesite Crystal Ash Tuff
- 02, Black Mudstone
- 02a, Black Volcanoclastic Mudstone
- 02b, Black Feldspar Crystal-rich Volcanoclastic Mudstone
- 02c, Black Carbonaceous Mudstone
- 02d, Silty Mudstone
- 02e, Sheared / Brecciated Argillite / Black Mudstone
- 03, Interbedded Volcanoclastic Siltstone / Mudstone
- 03a, Siltstone
- 04, Volcanoclastic Pebble Wacke
- 05, Fine Felsic Breccia - Reassembled Hyaloclastite? / Black Mudstone
- 06, Polymictic Volcanoclastic Breccia
- 06a, Matrix-rich Polymictic Volcanoclastic Breccia
- 06b, Polymictic Volcanoclastic Fine Breccia
- 07, Crystal Lithic Lapilli Tuff - Breccia
- 08, Grey Massive Pyritic Rhyolite
- 09, Rhyolite
- 10, Siliceous Volcanogenic Breccia
- 11, Massive Feldspar Pyritic Sericitic Dacite
- 11a, Feldspar Pyritic Dacite Crackle Breccia
- 11b, Dacite Breccia (Paperlike?)
- 11c, Dacite Ash Tuff
- 11d, Feldspar Pyritic Dacite with Siliceous, +/- brecciated (rhyolite?) bands
- 11e, Amygdaloidal Dacite
- 12, K-feldspar Porphyry
- 13a, Rhyodacite Sill
- 13b, Dacite Sill

Au (ppb)

Bar Graph (Arith)



Class Intervals for Au (ppb):

- 5 - 5, Below Detection
- 5 - 10
- 10 - 100
- 100 - 100000

Sample Number

Sample number is plotted to the left of the drillhole trace.

Topographic Profile

From file: Topo10m.grd

SECTION PLANE:
 Origin: 87102.000, 8710.000 / 8,311,000 / 1,120
 Azimuth: 90 / 90
 Length: 300
 Height: 300
 Thickness: 10 (m each side)
 Units are meters.



FAULT

GEOLOGICAL CONTACT



Scale 1:500

NEWMONT EXPLORATION OF CANADA LIMITED
Rimfire Minerals Corporation

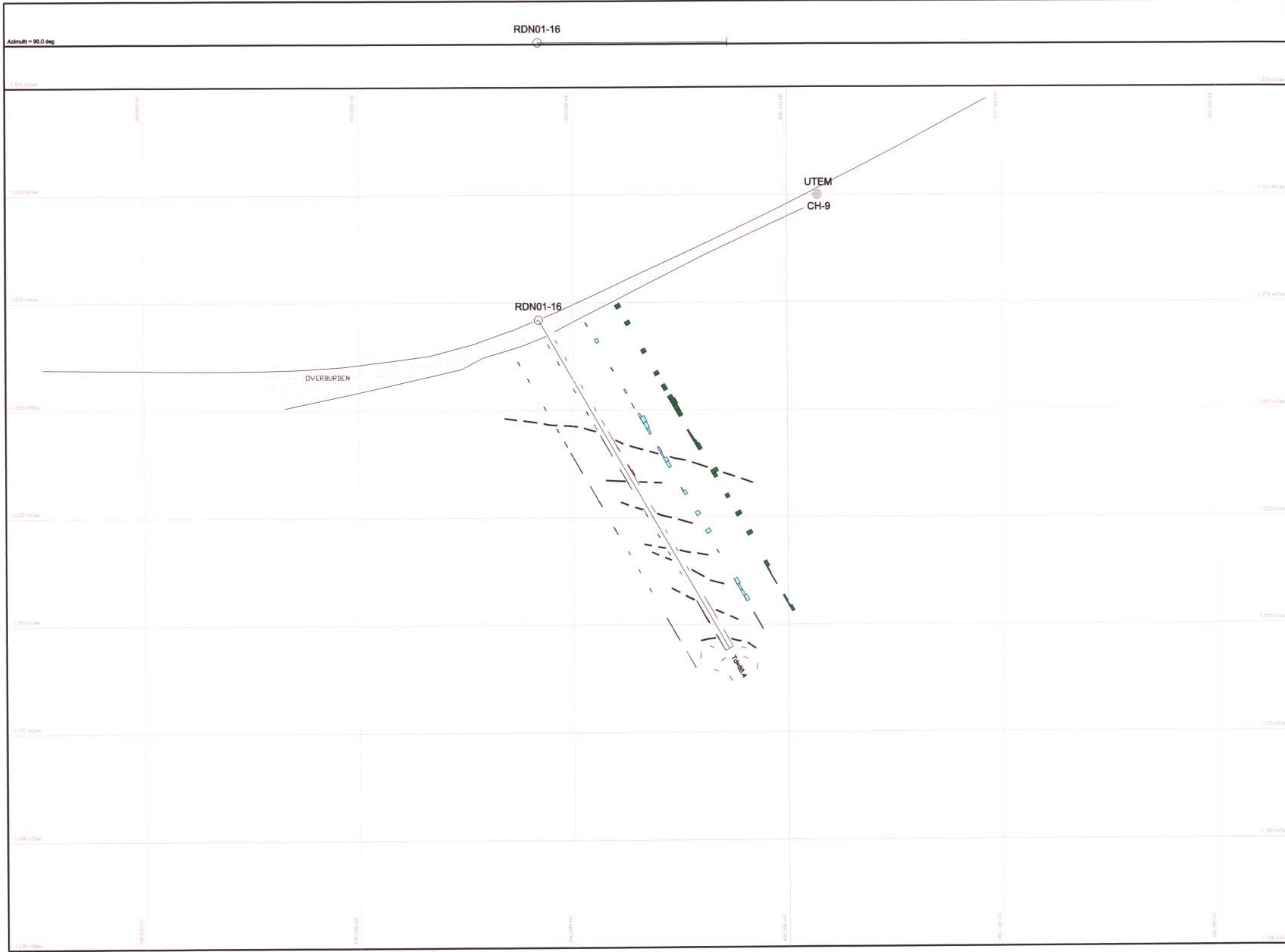
RDN PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERRIMORE CREEKS AREA, LIARD MINING DIVISION

26 Plate 9a Vol 7/3
 Section 900N
 Drillhole RDN01-16
GEOLOGY/ GOLD GEOCHEMISTRY
 Boundary Zone, NTS Map 104B-15E

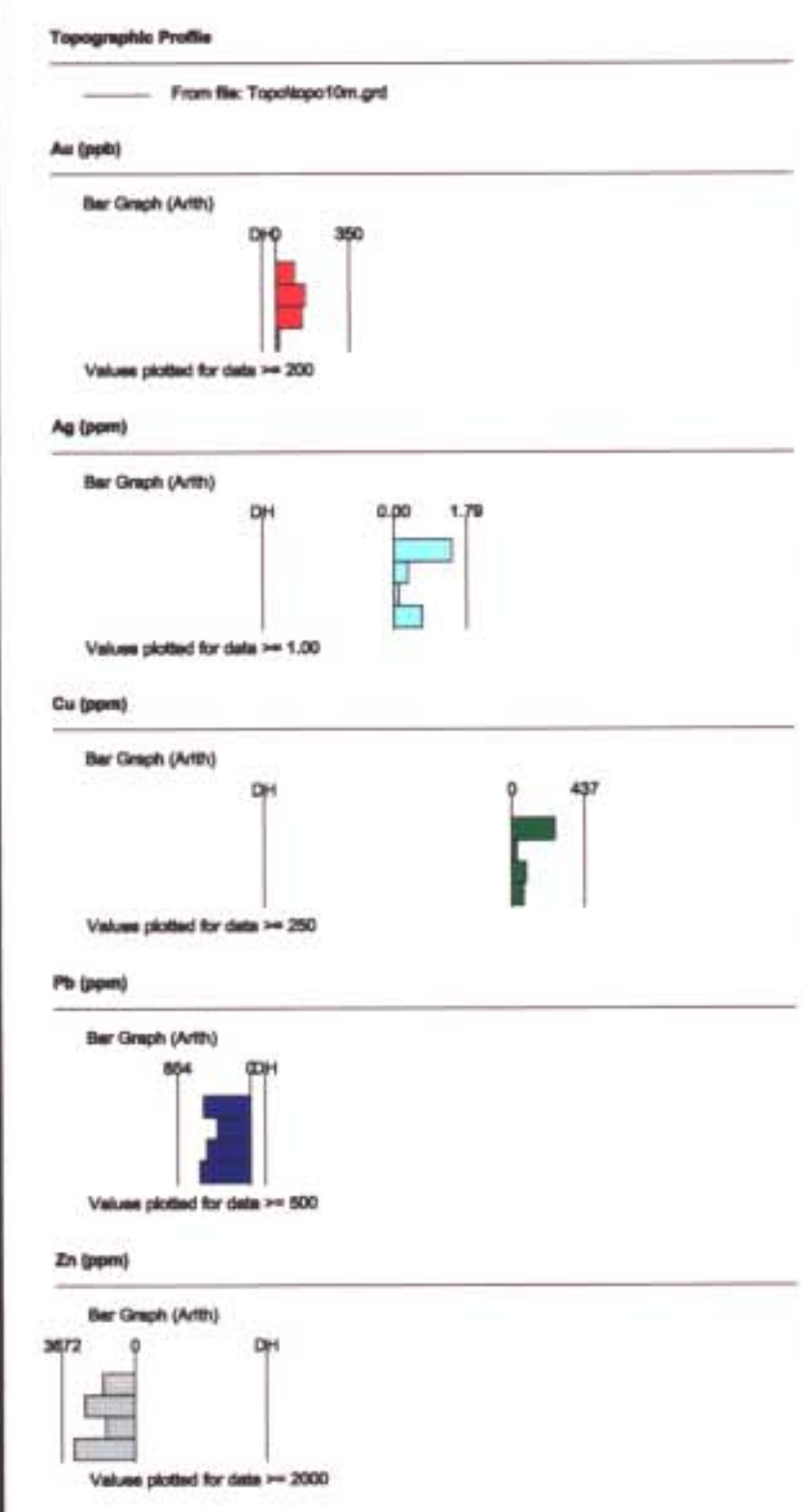
Coordinate System: UTM Zone 9 North, NAD83 Canada Mean Datum
 Geologic AI Management
 Tuesday, November 13, 2001 01:08:03 PM

Sheet 2/18

GEOLOGICAL SURVEY BRANCH
 BRITISH COLUMBIA
 26,735



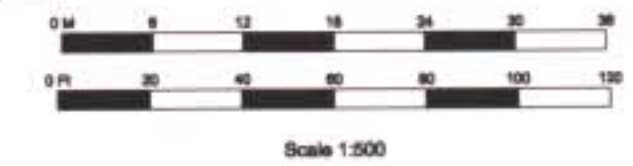
EXPLANATION



— FAULT

- - - GEOLOGICAL CONTACT

SECTION PLANE:
 Origin: 586,810 / 8,311,080 / 1,126
 Azimuth: 90 / 90
 Length: 300
 Height: 200
 Thickness: 10 (m each side)
 Units are meters.



NEWMONT EXPLORATION OF CANADA LIMITED
 Rimfire Minerals Corporation

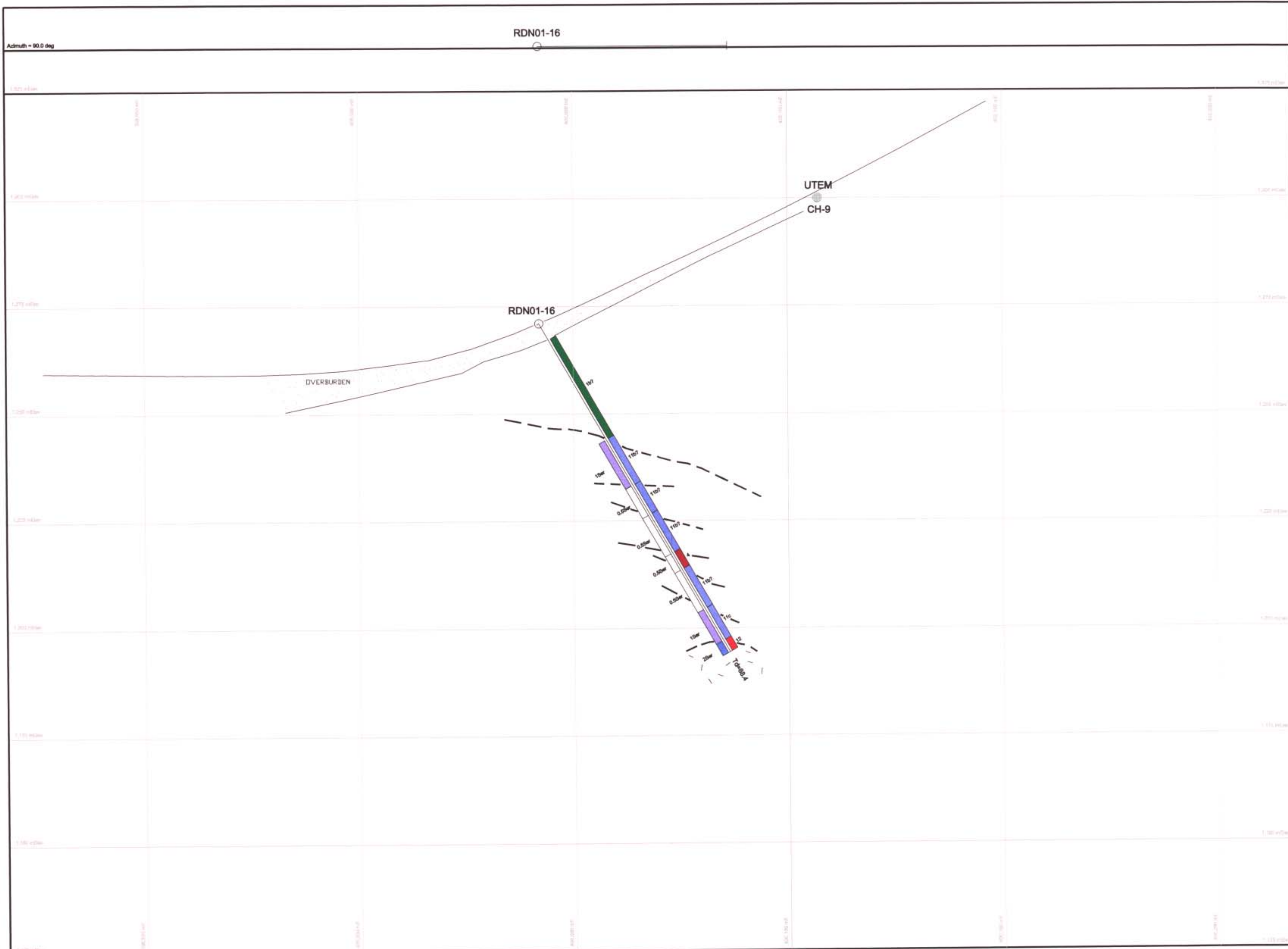
RDN PROJECT, BRITISH COLUMBIA, CANADA
 FORREST KERR/MORE CREEKS AREA, LIARD MINING DIVISION

(27) Plate 9b Vol 2/3
 Section 900N
Drillhole RDN01-16 GEOCHEMISTRY
 Boundary Zone, NTS Map 104B-15E

Coordinate System: UTM Zone 8 North, NAD27 Canada Mean Datum
 Drawn: Al Montgomery
 Tuesday, November 13, 2001 02:18:20 PM

GEOLOGICAL SURVEY OF CANADA
 ASSESSMENT

26,735



EXPLANATION

- Lithology**
- Pattern graph from 1 to 2 meters from d/Drill hole trace.
Width of pattern graph is constant.
- Class Intervals for Lithology:
- 01, Andesite Breccia to Lapilli Tuff Amygdaloidal Flow (P/Blow)
 - 01a, Andesite Lithic Lapilli Tuff
 - 01b, Muddy Andesite Crystal Ash Tuff
 - 02, Black Mudstone
 - 02a, Black Volcanoclastic Mudstone
 - 02b, Black Feldspar Crystal-rich Volcanoclastic Mudstone
 - 02c, Black Carbonaceous Mudstone
 - 02d, Silty Mudstone
 - 02e, Sheared/Brecciated Argillite/Black Mudstone
 - 03, Interbedded Volcanoclastic Siltstone/Mudstone
 - 03a, Siltstone
 - 04, Volcanoclastic Pebble Wacke
 - 05, Fine Felsic Breccia - Reassembled Hyaloclastite?/Black Mudstone
 - 06, Polymictic Volcanoclastic Breccia
 - 06a, Matrix-rich Polymictic Volcanoclastic Breccia
 - 06b, Polymictic Volcanoclastic Fine Breccia
 - 07, Crystal Lithic Lapilli Tuff - Breccia
 - 08, Gray Massive Pyritic Rhyolite
 - 09, Rhyolite
 - 10, Siliceous Volcanogenic Breccia
 - 11, Massive Feldspar Phritic Breccia/Dacite
 - 11a, Feldspar Phritic Dacite/Crackle Breccia
 - 11b, Dacite Breccia (Paperite?)
 - 11c, Dacite Ash Tuff
 - 11d, Feldspar Phritic Dacite with Siliceous, +/- brecciated (rhyolite?) bands
 - 11e, Amygdaloidal Dacite
 - 12, K-feldspar Porphyry
 - 13a, Rhyodacite Breccia
 - 13b, Dacite Dike

- Serfite Alteration**
- Pattern graph from -2 to 2 meters from d/Drill hole trace.
Width of pattern graph is constant.
- Class Intervals for Serfite:
- 0.50m, 0.55m (n = 17)
 - 1.0m, 1.5m (n = 42)
 - 2.0m, 2.5m (n = 36)
 - 3.0m, 3.5m (n = 9)

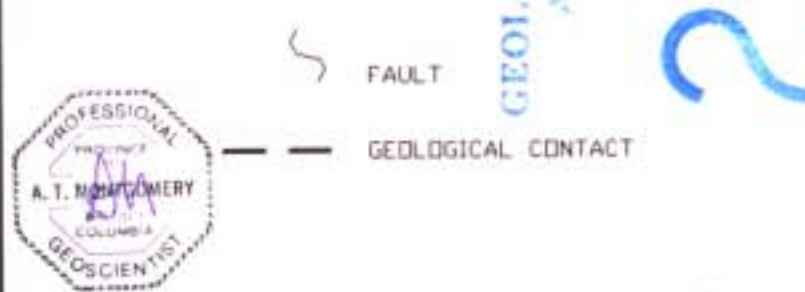
- Silification**
- Pattern graph from -10 to 2 meters from d/Drill hole trace.
Width of pattern graph is constant.
- Class Intervals for Silification:
- 1.0m, 1.5m (n = 40)
 - 2.0m, 2.5m (n = 16)

Topographic Profile

From file: Topo10m.grd

SECTION PLANE:
Origin: 500,000 / 6,311,000 / 1,125
Azimuth: 90 / 90
Length: 300
Height: 200
Thickness: 10 (on each side)

Units are meters.



Scale 1:500

NEWMONT EXPLORATION OF CANADA LIMITED
Rimfire Minerals Corporation

RDN PROJECT, BRITISH COLUMBIA, CANADA
FORREST KERRMORE CREEKS AREA, LIARD MINING DIVISION

28 Plate 9c Vol 2/3
Section 900N
Drillhole RDN01-16 ALTERATION
Boundary Zone, NTS Map 104B-15E

Coordinate System: UTM Zone 8 North, NAD83 Canada Mean Datum
Geologist: AJ Montgomery
Wednesday, November 14, 2001 21:18:16

GEOLOGICAL SURVEY BRANCH
ASSESSMENT & RESEARCH

26,735