

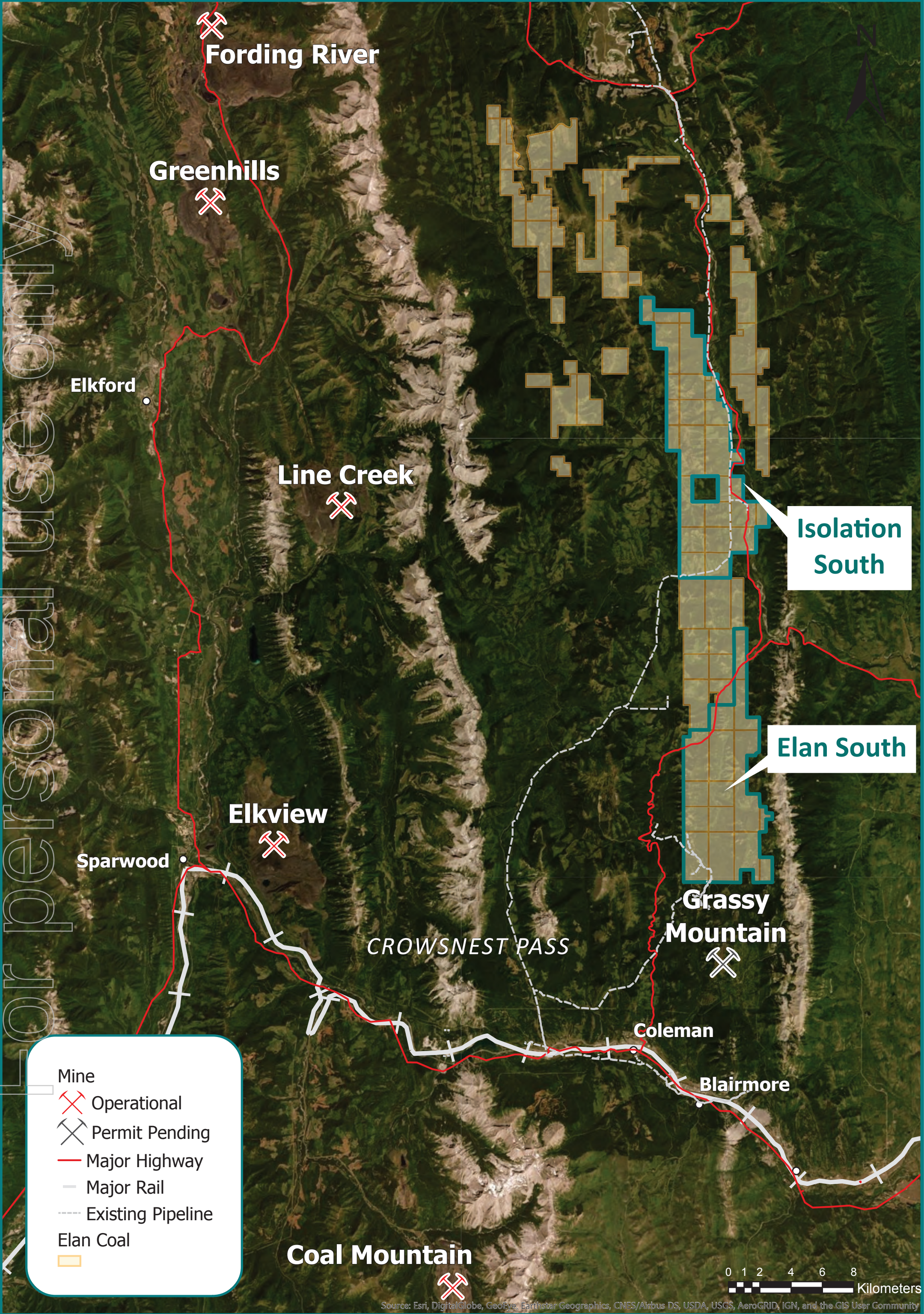


Elan Hard Coking Project

Financial Analysts Site Visit Follow Up, 10 September 2019

▶ Atrum Coal

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HWY 40

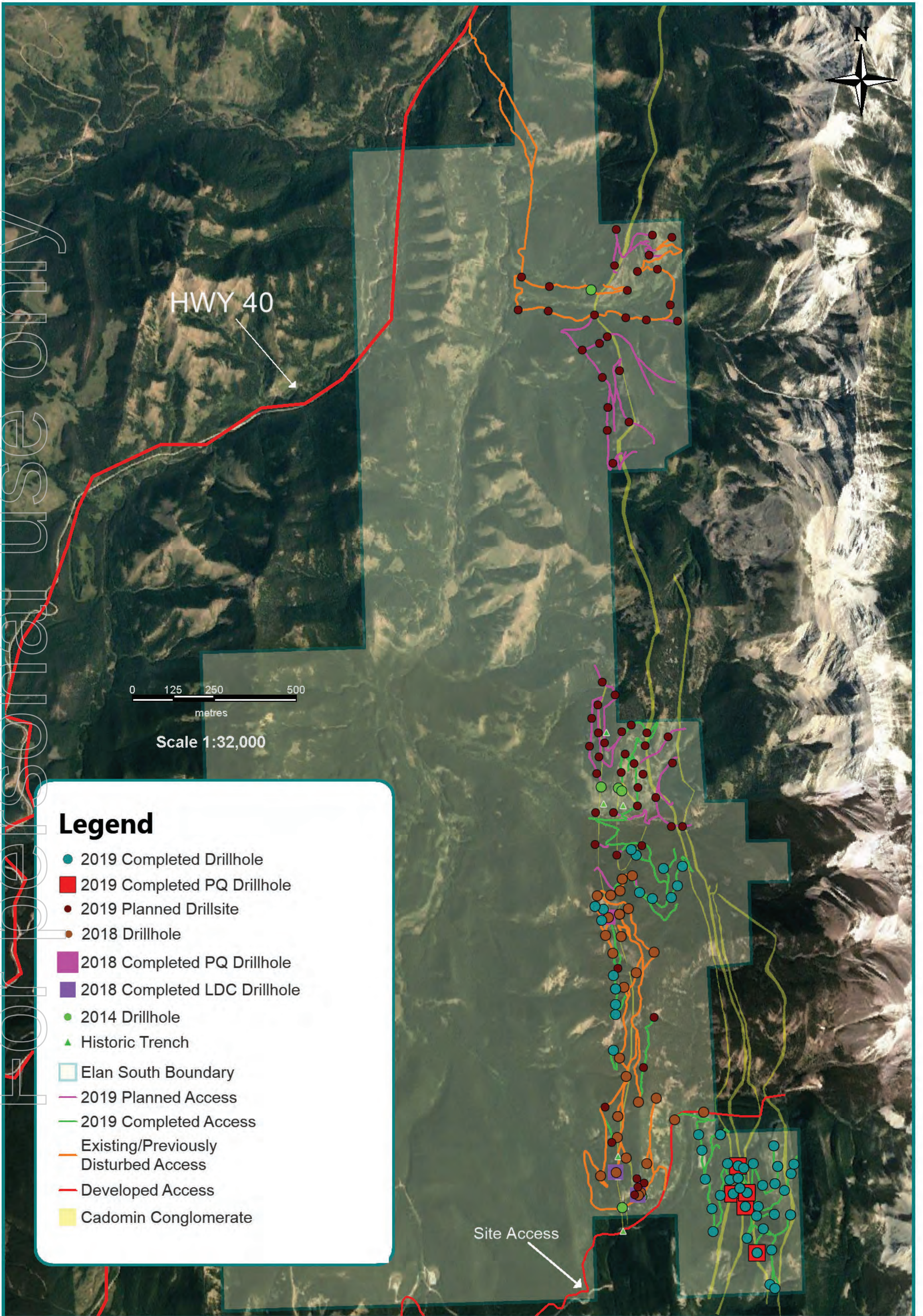
0 125 250 500
metres

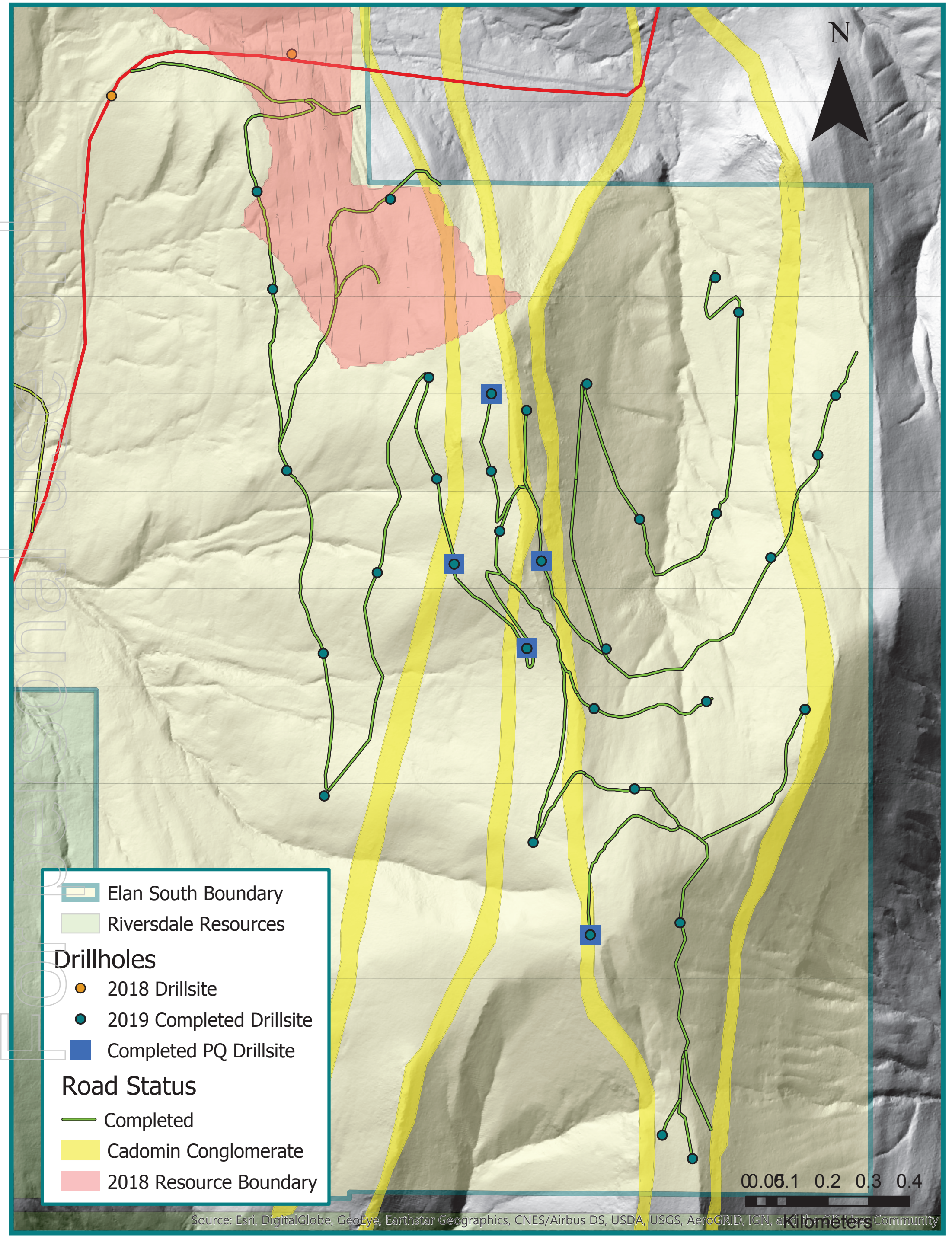
Scale 1:32,000

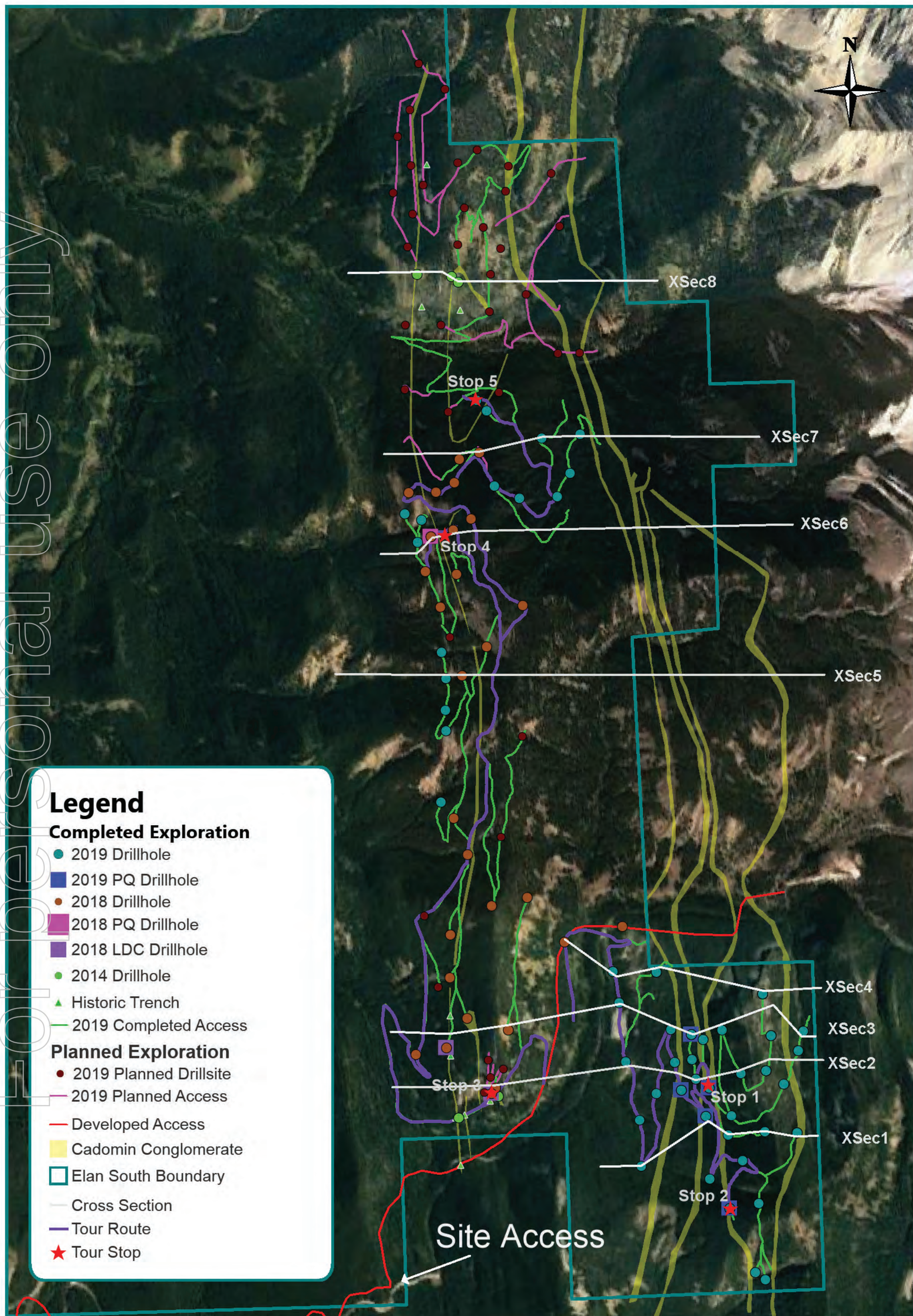
Legend

- 2019 Completed Drillhole
- 2019 Completed PQ Drillhole
- 2019 Planned Drillsite
- 2018 Drillhole
- 2018 Completed PQ Drillhole
- 2018 Completed LDC Drillhole
- 2014 Drillhole
- ▲ Historic Trench
- Elan South Boundary
- 2019 Planned Access
- 2019 Completed Access
- Existing/Previously Disturbed Access
- Developed Access
- Cadomin Conglomerate

Site Access

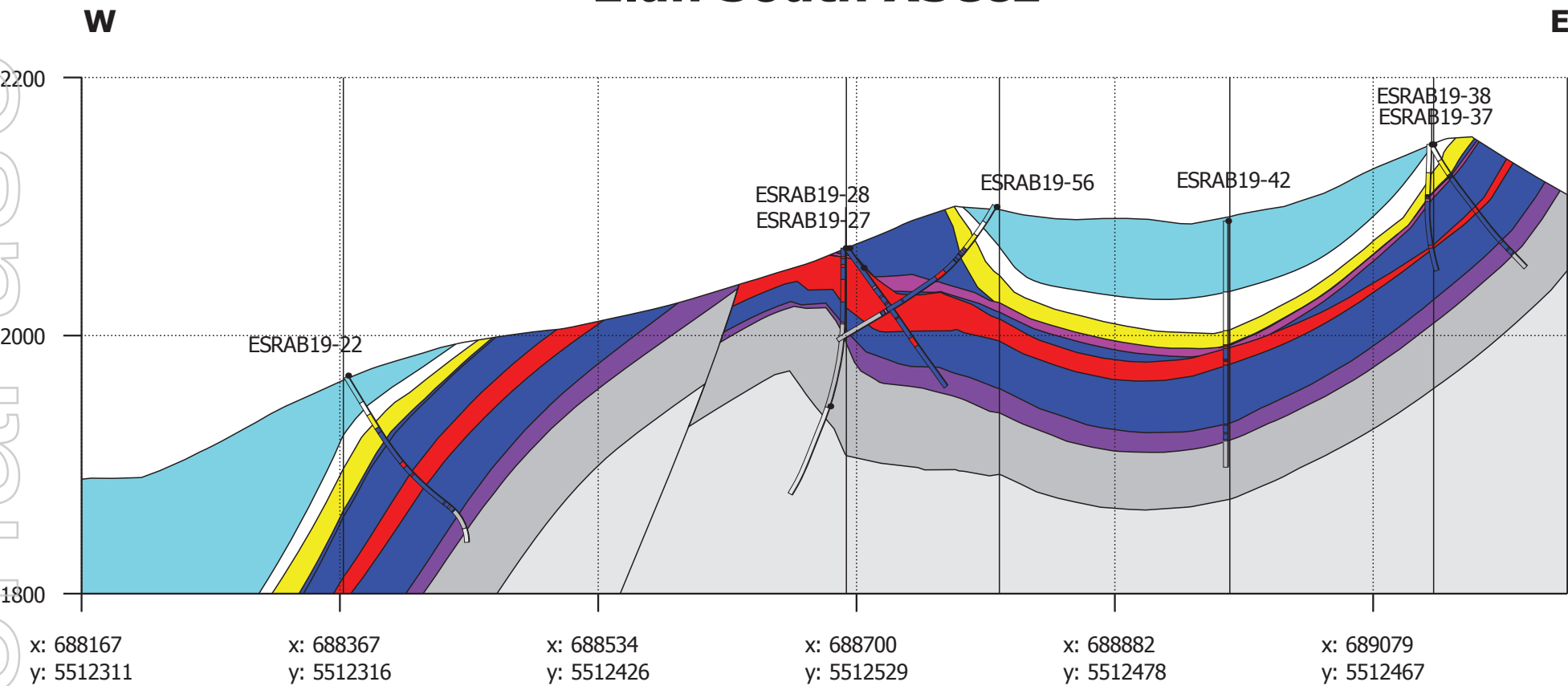






Geologic Cross Section is Preliminary & Conceptual in Nature

Elan South XSec1



Legend

1_INT_2	Fernie Shale	Seam One
2_INT_4	Gladstone	Seam Two
Cad_INT_1	Moose	SSSP
Cadomin	Seam Four	

Geological interpretation is conceptual in nature

Location

W: 688167, 5512311

E: 689229, 5512463

Scale: 1:4,700

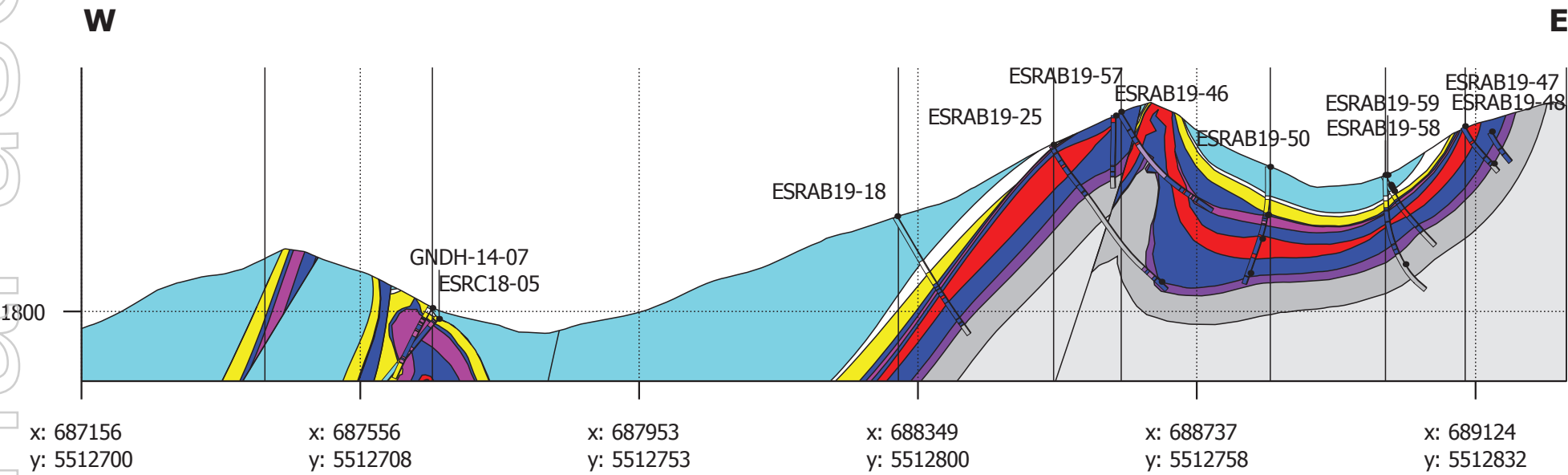
Vertical exaggeration: 1x

0m

300m

Geologic Cross Section is Preliminary & Conceptual in Nature

Elan South XSec2



Legend

- | | | |
|-----------|--------------|----------|
| 1_INT_2 | Fernie Shale | Seam One |
| 2_INT_4 | Gladstone | Seam Two |
| Cad_INT_1 | Moose | SSSP |
| Cadomin | Seam Four | |

Geological interpretation is conceptual in nature

Location

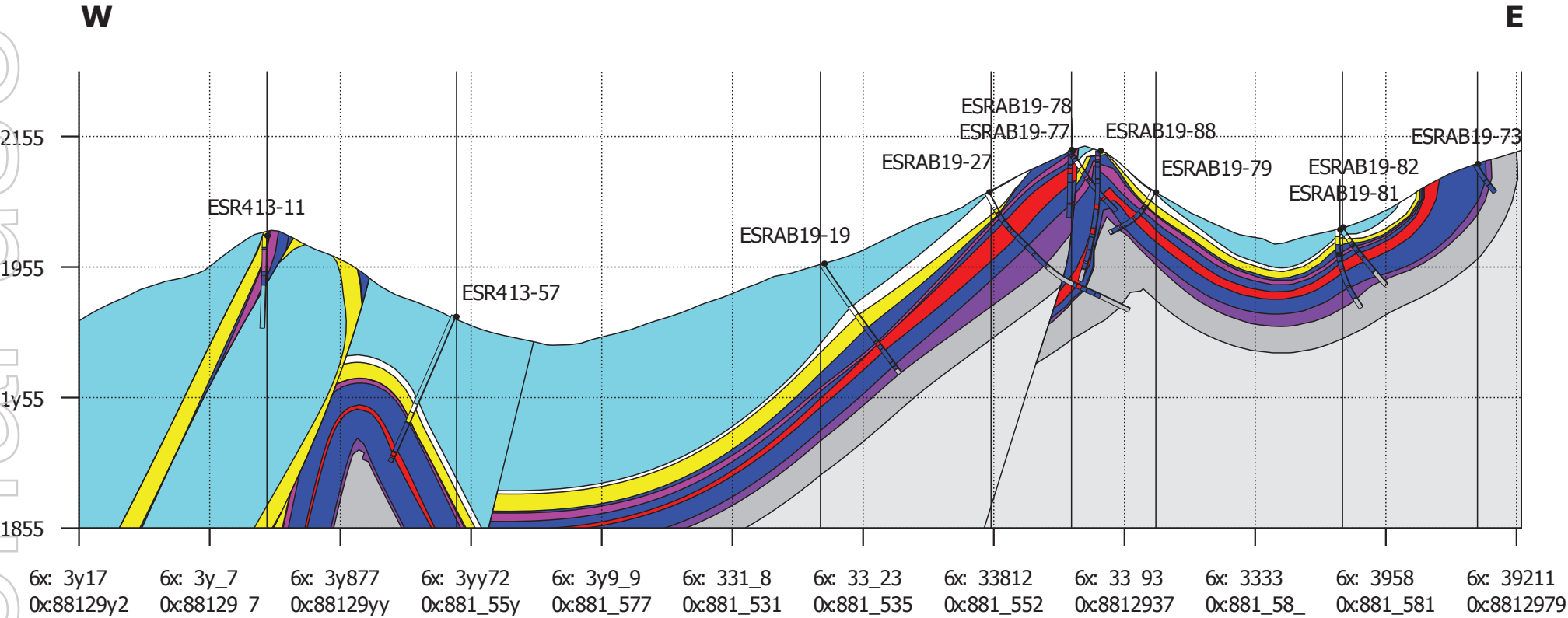
W: 687156, 5512700
E: 689255, 5512831

Scale: 1:8,700
Vertical exaggeration: 1x



Geologic Cross Section is Preliminary & Conceptual in Nature

Elan South XSec3



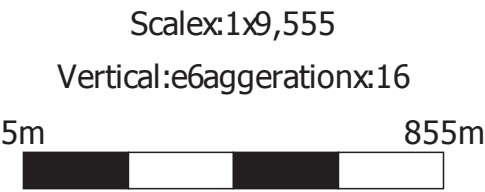
Legend

- 1I NCI 2
- 2I NCI 7
- 4adI NCI 1
- 4adomin
- Fernie:Shale
- Gladstone
- Moose
- Seam:One
- Seam:Cwo
- SSSP
- Seam:Four

Geological interpretation is conceptual in nature

Location

Wx: 3y17 ,:88129y2
Ex: 39213,:8812979

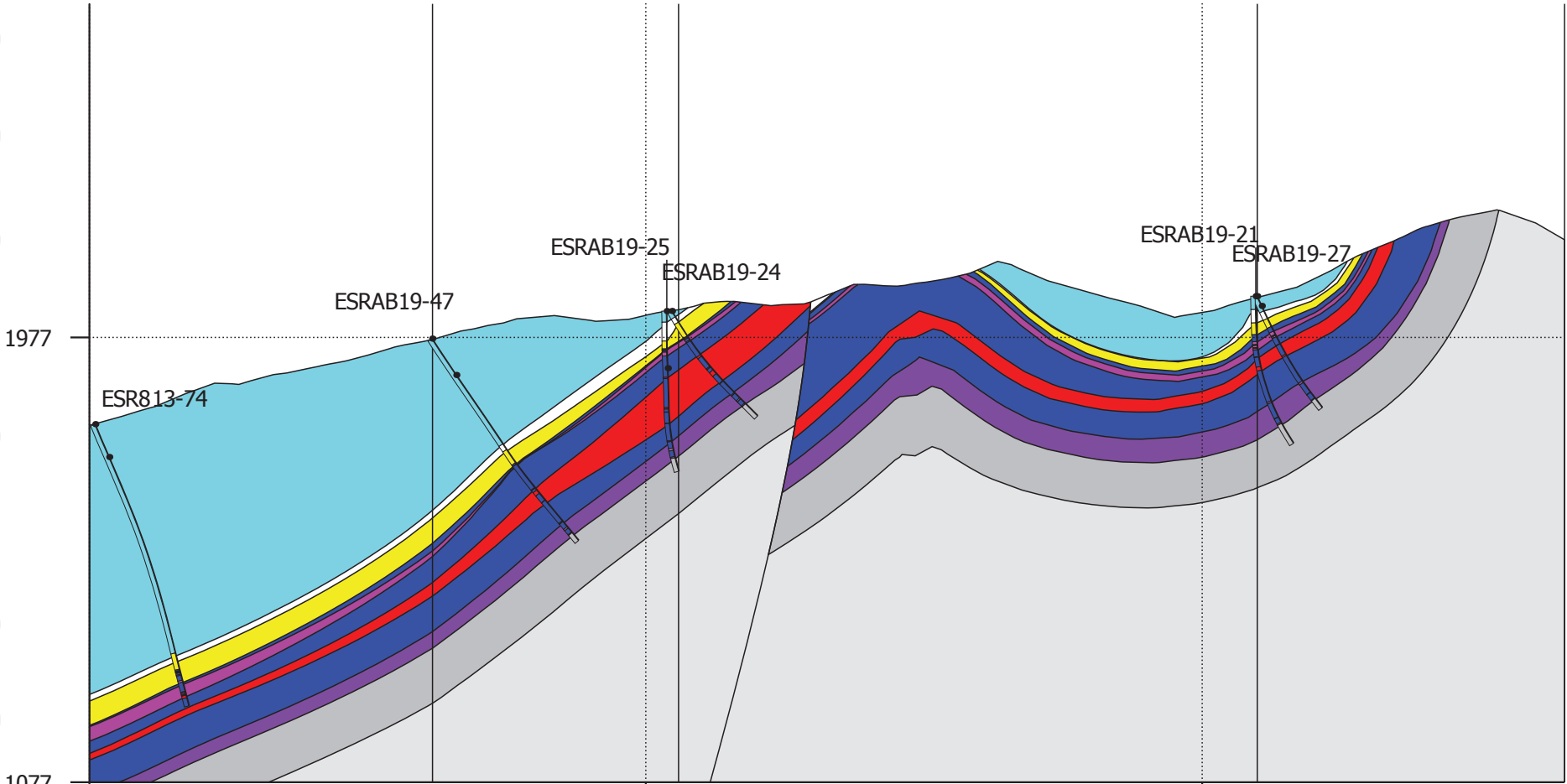


Geologic Cross Section is Preliminary & Conceptual in Nature

Elan South XSec4

W

E



Legend

- 1I NCI 4
- 4I NCI _
- 8adI NCI 1
- 8adomin
- Fernie:Shale
- Gladstone
- Moose
- Seam:One
- Seam:Cwo
- SSSP
- Seam:Four

Location

Wx: 23 992,:0015_41
Ex: 2394__,:001513_

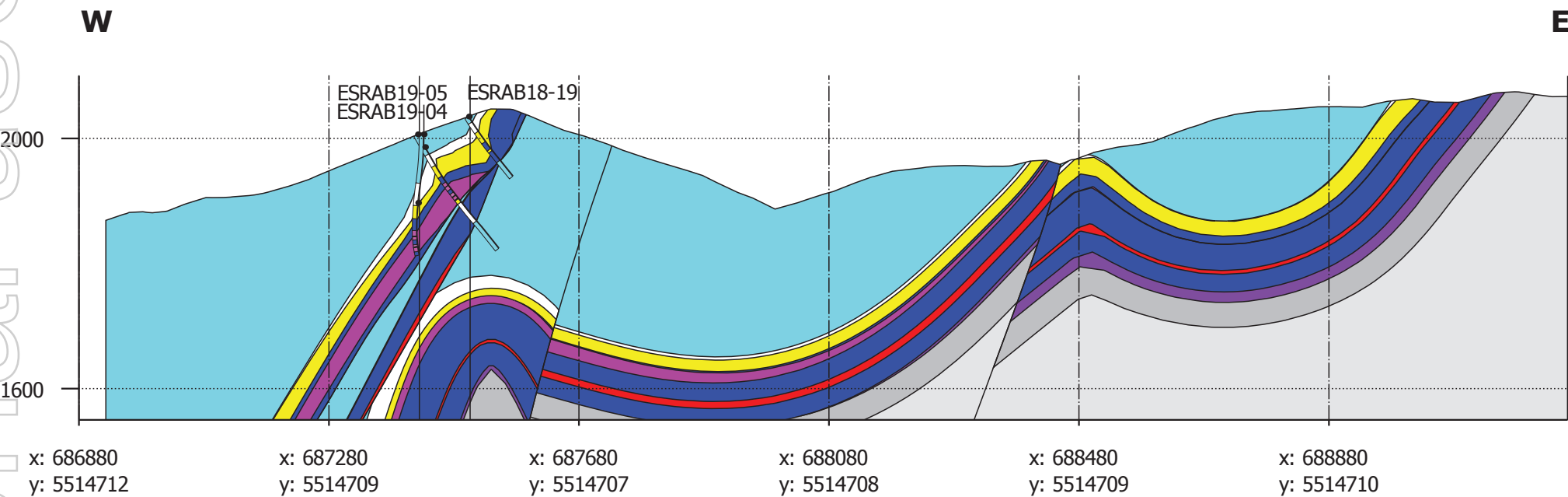
Scalex:1x0, 77
Vertical:e6aggregationx:16



Geological interpretation is conceptual in nature

Geologic Cross Section is Preliminary & Conceptual in Nature

Elan South XSec5



Legend

1_INT_2	Fernie Shale	Seam One
2_INT_4	Gladstone	Seam Two
Cad_INT_1	Moose	SSSP
Cadomin	Seam Four	

Geological interpretation is conceptual in nature

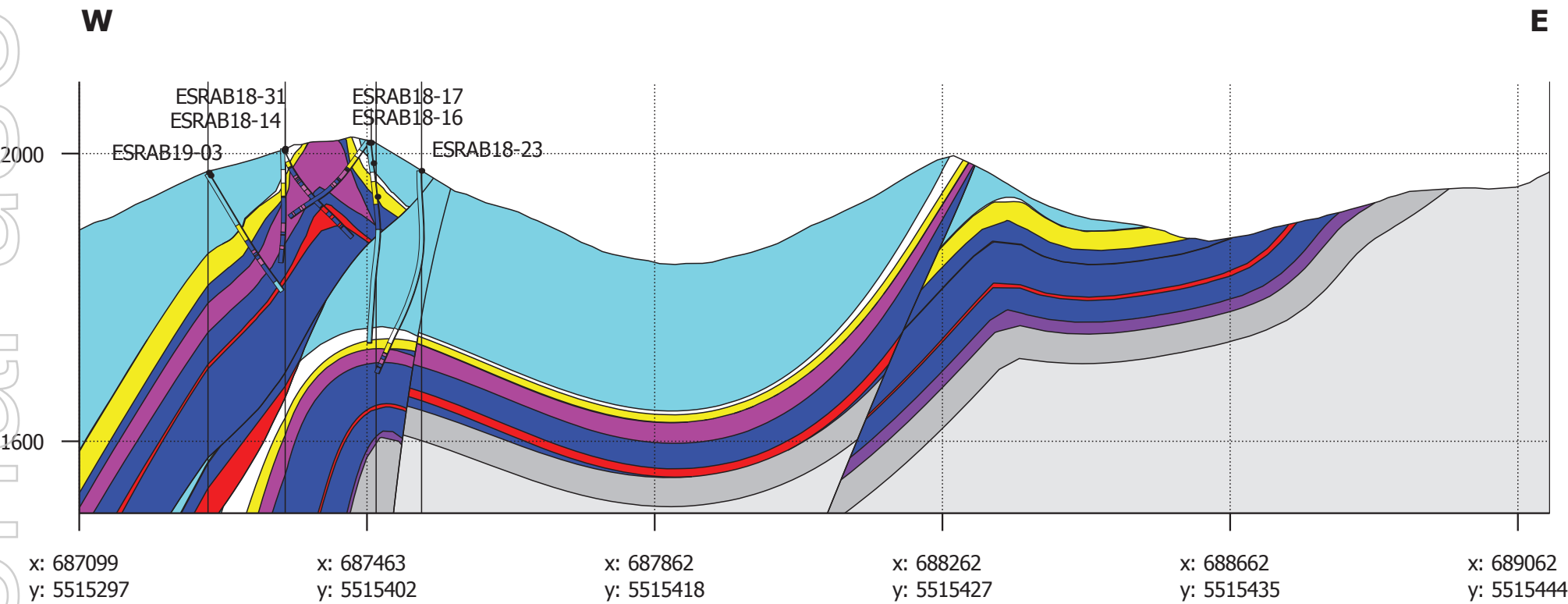
Location
W: 686880, 5514712
E: 689261, 5514711

Scale: 1:9,400
Vertical exaggeration: 1x

0m 650m

Geologic Cross Section is Preliminary & Conceptual in Nature

Elan South XSec6



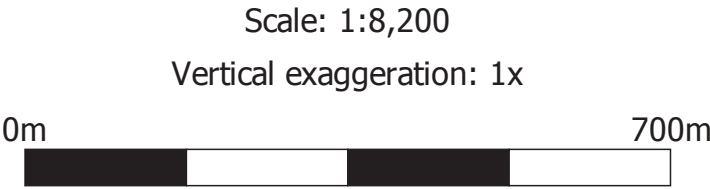
Legend

- | | | |
|-----------|--------------|----------|
| 1_INT_2 | Fernie Shale | Seam One |
| 2_INT_4 | Gladstone | Seam Two |
| Cad_INT_1 | Moose | SSSP |
| Cadomin | Seam Four | |

Geological interpretation is conceptual in nature

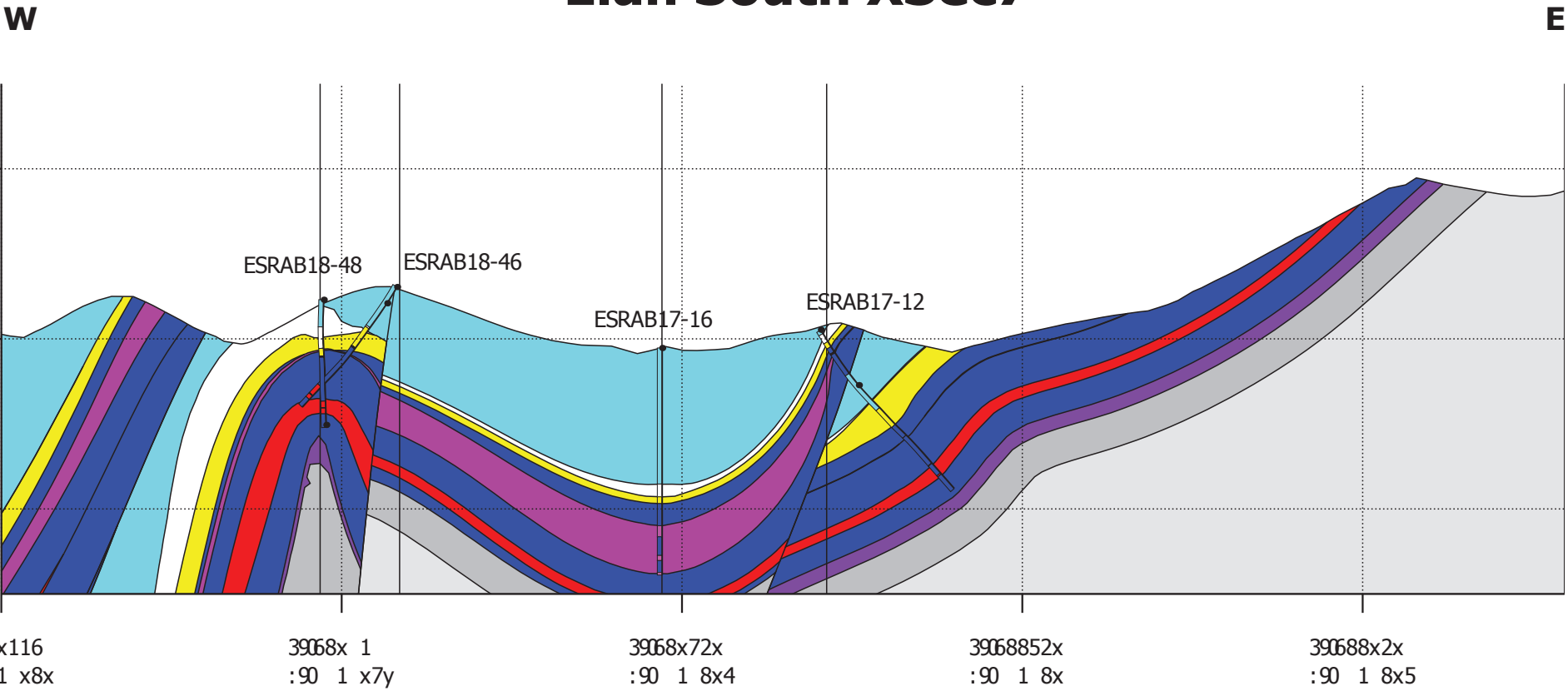
Location

A: 687099, 5515297
B: 689106, 5515445



Geologic Cross Section is Preliminary & Conceptual in Nature

Elan South XSec7



Legend

- 1_INT_4

4_INT_y

Cad_INT_1

Cadomin
- Fernie Shale

Gladstone

Moose

Seam Four
- Seam One

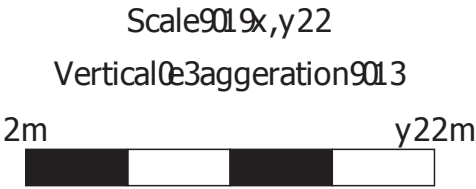
Seam Two

SSSP

Geological interpretation is conceptual in nature

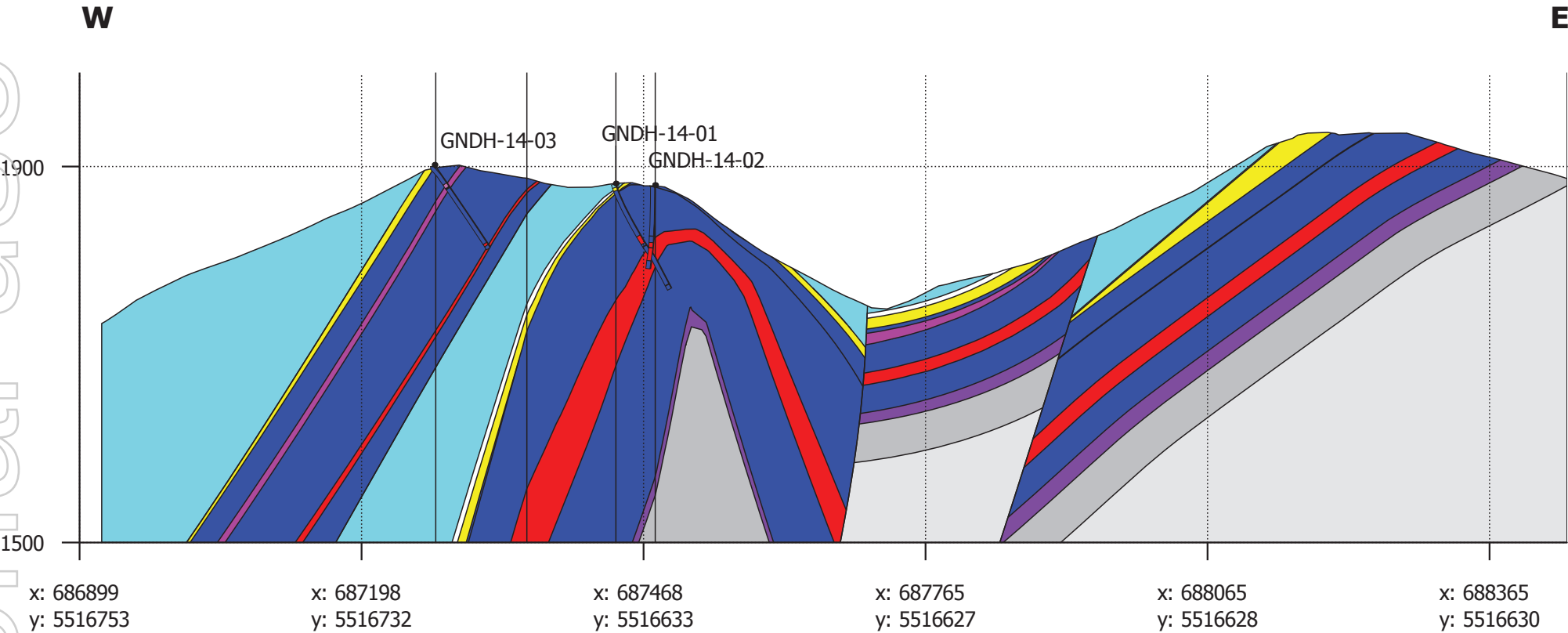
Location

A90 68x116,0 1 x8x
B90 6887yy,0 1 8x1



Geologic Cross Section is Preliminary & Conceptual in Nature

Elan South XSec8



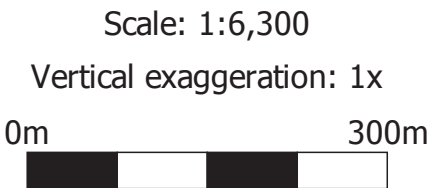
Legend

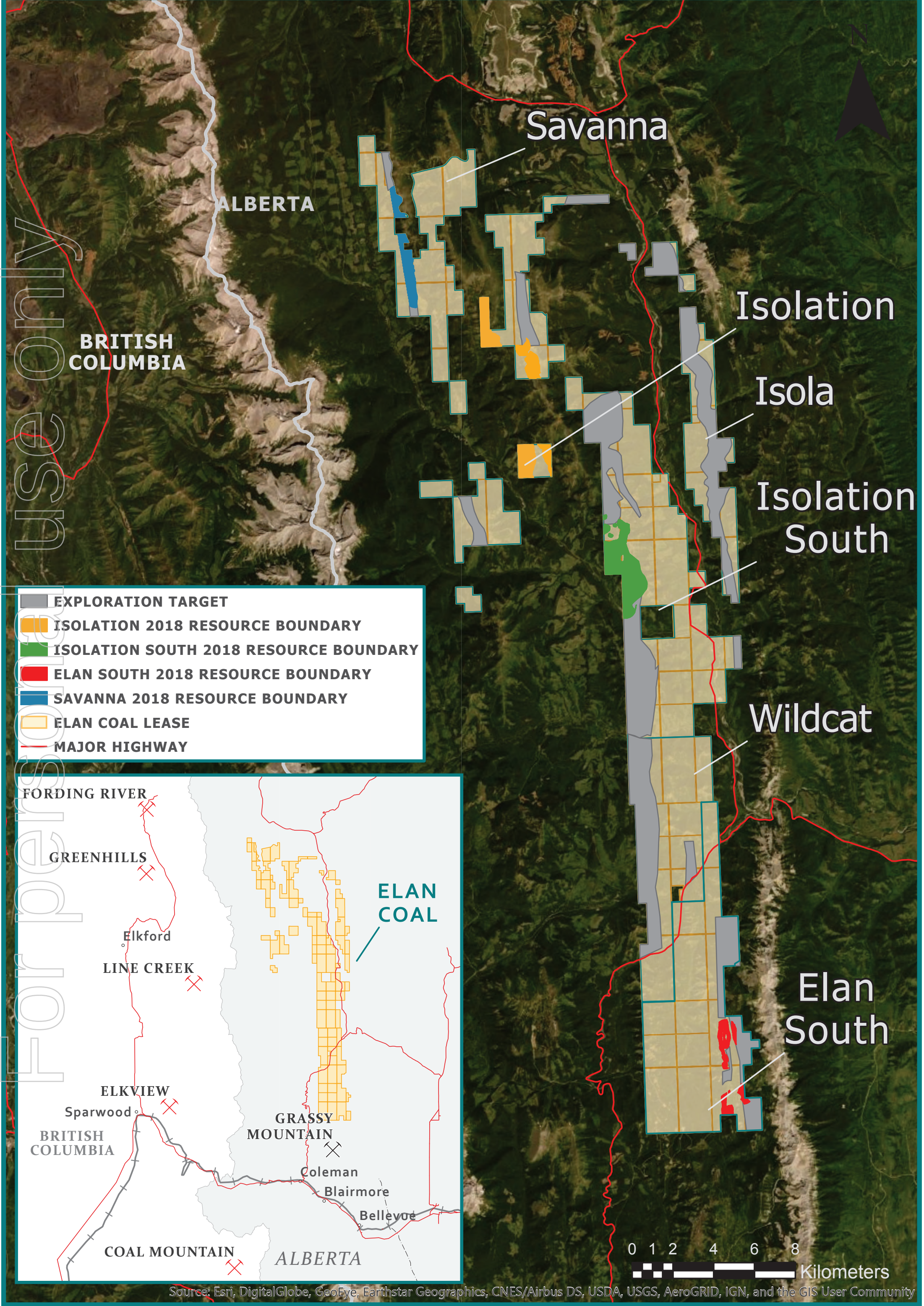
- | | | |
|-----------|--------------|----------|
| 1_INT_2 | Fernie Shale | Seam One |
| 2_INT_4 | Gladstone | Seam Two |
| Cad_INT_1 | Moose | SSSP |
| Cadomin | Seam Four | |

Geological interpretation is conceptual in nature

Location

W: 686899, 5516753
E: 688447, 5516630





EXPLORATION TARGET

ISOLATION 2018 RESOURCE BOUNDARY

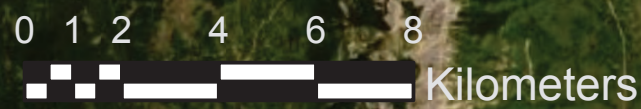
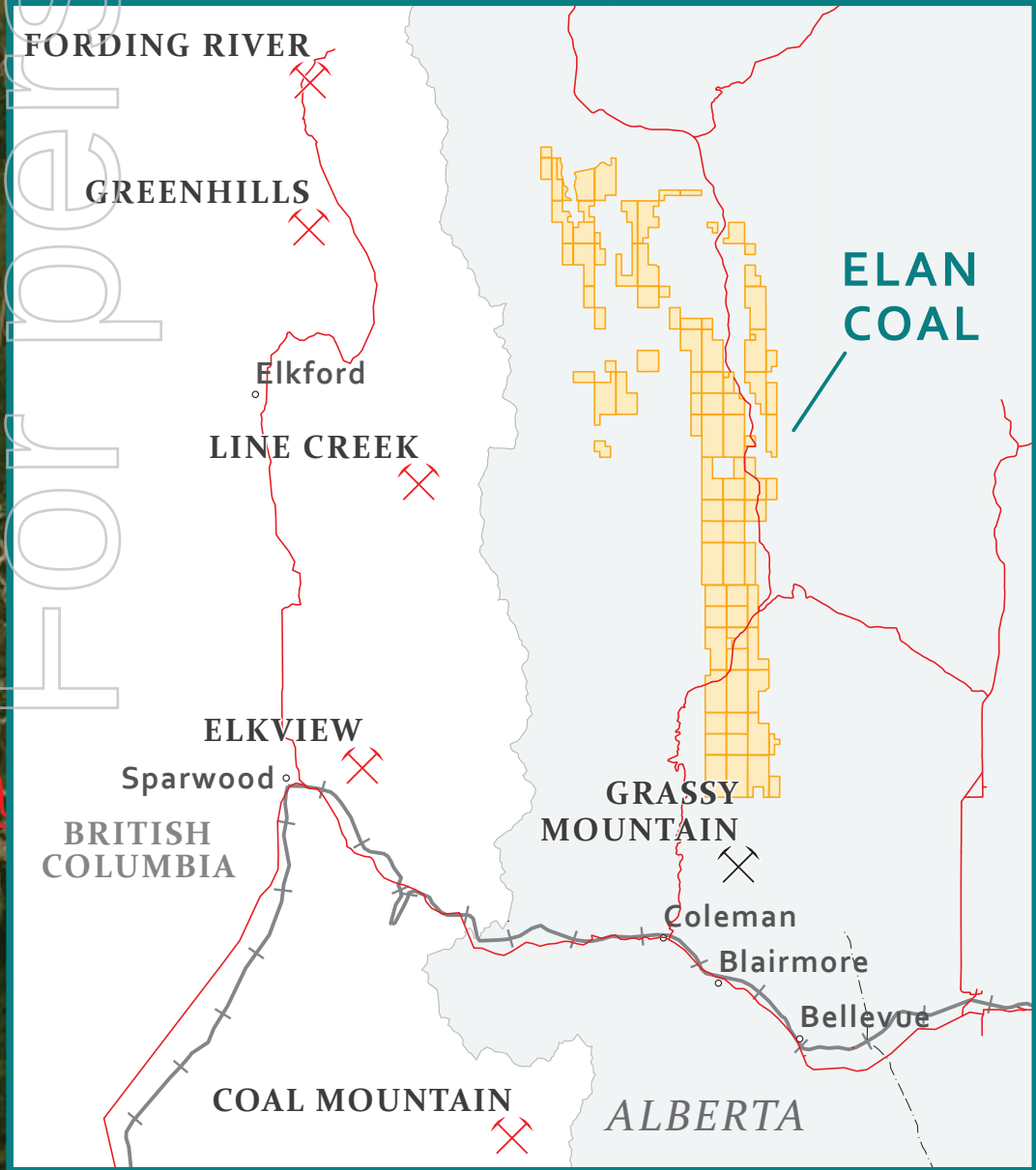
ISOLATION SOUTH 2018 RESOURCE BOUNDARY

ELAN SOUTH 2018 RESOURCE BOUNDARY

SAVANNA 2018 RESOURCE BOUNDARY

ELAN COAL LEASE

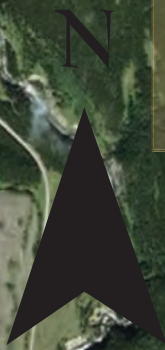
MAJOR HIGHWAY



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Isolation South

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ISRAB19-01

ISRAB19-08

ISRAB19-05

ISRAB19-02

ISRAB19-06

ISRAB19-03

ISRAB19-04

ISRAB19-07

ISRAB19-09

ISRAB19-10

ISRAB19-11

2019 Completed Drillholes

Planned Drillsite

Field Mapping Point

Geological Mapping Point

Coal

Access Status

Completed

Planned New Access

Historic Exploration

Drillhole

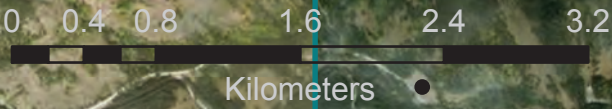
Trench

Tenure

Isolation South Project Boundary

Geology

Cadomin Conglomerate



Isolation South



XSec 3

XSec 2

XSec 1

Stop 4

Stop 3

Stop 2

Stop 5

Stop 1

ISRAB19-01

ISRAB19-08

ISRAB19-05

ISRAB19-02

ISRAB19-06

ISRAB19-03

ISRAB19-09

ISRAB19-04

ISRAB19-10

ISRAB19-07

ISRAB19-11

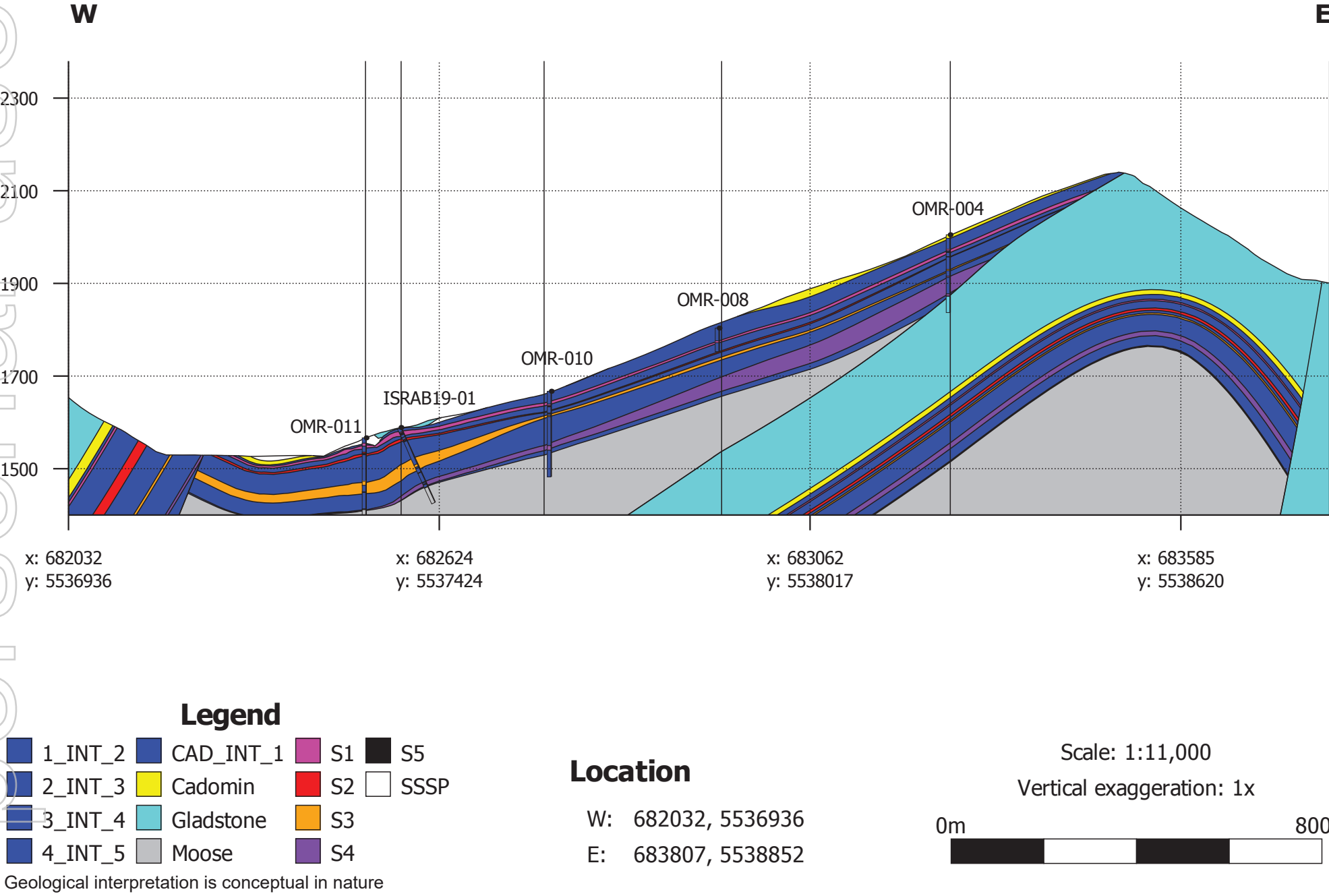
- IS 2019 Completed Drillholes
- Planned Drillsite
- Status
 - Completed
 - Flagged
 - Planned New Access
- Tour Stop
- Tour Route
- Historic Exploration
 - Drillhole
 - Trench
- Tenure
 - Isolation South Project Outline
- Geology
 - Cadomin Conglomerate

0 0.280.55 1.1 1.65 2.2

Kilometers

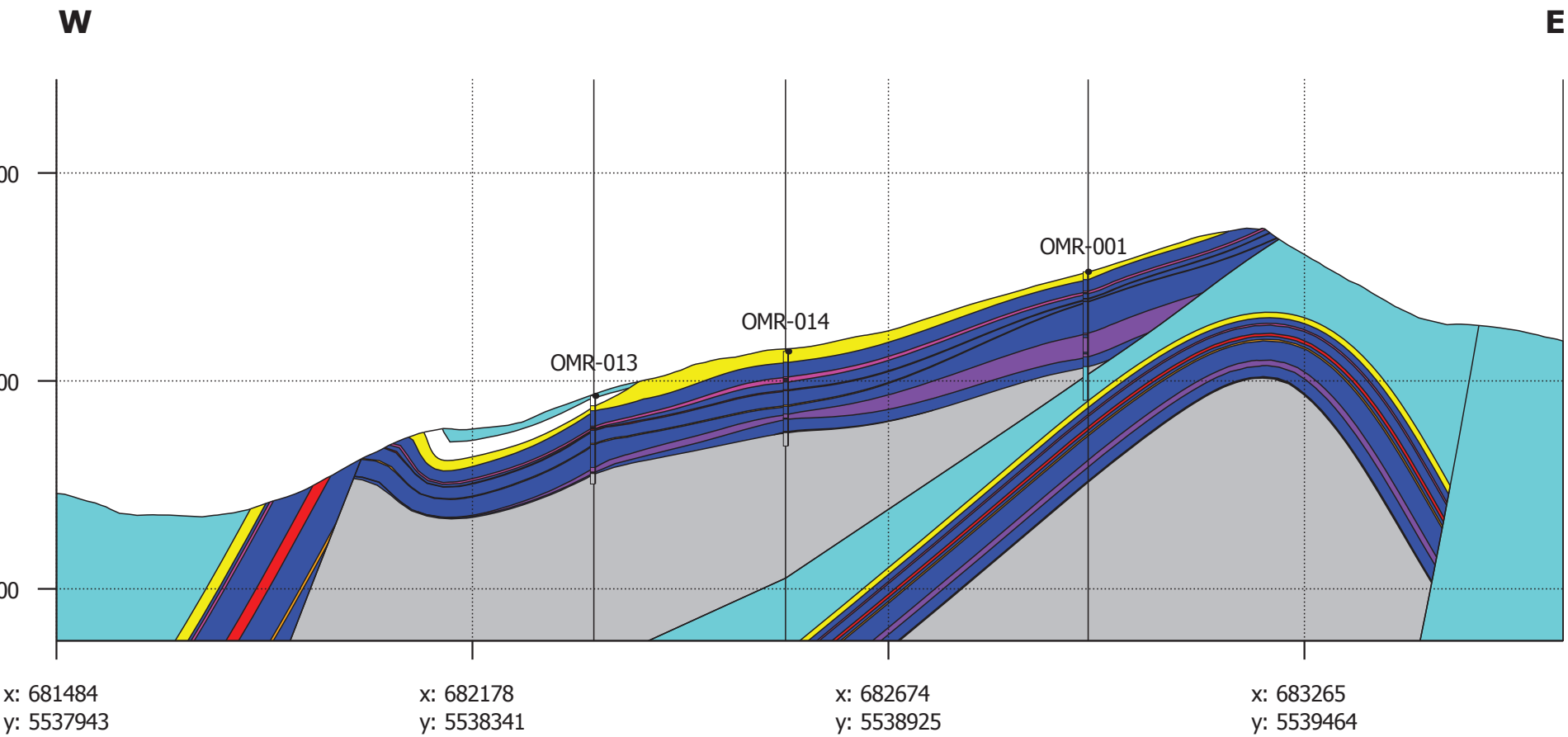
Geologic Cross Section is Preliminary & Conceptual in Nature

Isolation South XSec1



Geologic Cross Section is Preliminary & Conceptual in Nature

Isolation South XSec2



Legend

- | | | | |
|---------|-----------|----|------|
| 1_INT_2 | CAD_INT_1 | S1 | S5 |
| 2_INT_3 | Cadomin | S2 | SSSP |
| 3_INT_4 | Gladstone | S3 | |
| 4_INT_5 | Moose | S4 | |

Geological interpretation is conceptual in nature

Location

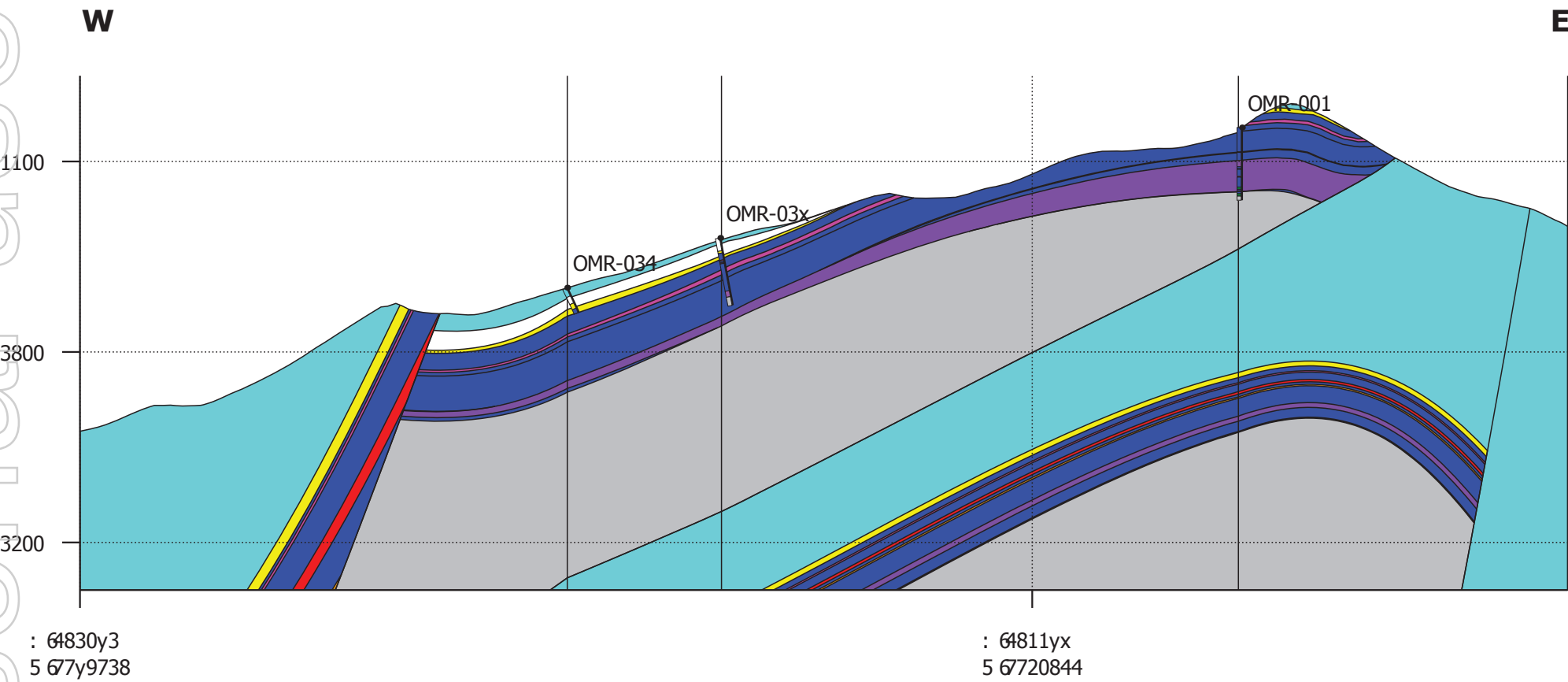
W: 681484, 5537943
E: 683620, 5539812

Scale: 1:12,000
Vertical exaggeration: 1x



Geologic Cross Section is Preliminary & Conceptual in Nature

Isolation South XSec3



Legend

- 3_INT_1
- 1_INT_y
- y_INT_2
- 2_INT_7
- CAD_INT_3
- Cadomin
- Gladstone
- Moose
- S3
- S1
- Sy
- S2
- S7
- SSSP

Geological interpretation is conceptual in nature

Location

W 4830y3, 677y9738
E 6 48197y, 67723472

Scale @ 31,700
Vertical exaggeration @:

