COAL ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Coal Assessment Report for Licenses 418648, 418649 and 418650

TOTAL COST: $45,463.00

AUTHOR(S): Dwight M. Kinnes, Dominic Hill
SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S):

YEAR OF WORK: 2015

PROJECT NAME: Elko Coal Project

COAL LICENSE(S) AND/OR LEASES ON WHICH PHYSICAL WORK WAS DONE:
418648, 418649 and 418650
COAL LICENSE(S) IN PROJECT AREA ON WHICH NO PHYSICAL WORK WAS DONE OVER THE CURRENT REPORTING PERIOD:

BC MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 082GSE029

MINING DIVISION: Fort Steele

NTS / BCGS: 082G037
LATITUDE: 49° 17’ 37"
LONGITUDE: 114° 48’ 0" (at centre of work)
UTM Zone: EASTING: NORTHING:

OWNER(S): TEXAS AND OKLAHOMA COAL COMPANY (CANADA) LIMITED

MAILING ADDRESS: Ste. 106, 3495 Cambie Street, Vancouver, BC V5Z 4R3

OPERATOR(S) [who paid for the work]: Texas and Oklahoma Coal (USA) LLC

MAILING ADDRESS: 3026 Mockingbird Lane, #312, Dallas, TX, 75205

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**):

Coal mapping

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

n/a

[redacted]

[redacted]

[redacted]

[redacted]

SUMMARY OF TYPES OF WORK IN THIS REPORT		EXTENT OF WORK (in metric units)	ON WHICH TENURES
GEOLOGICAL (scale, area)			
	Ground, mapping	Approximately 50km	418648, 418649 and 418650
	Photo interpretation	Simple verification	418648, 418649 and 418650
GEOPHYSICAL (line-kilometres)			
	Ground (Specify types)		
	Airborne (Specify types)		
	Borehole		
	Gamma, Resistivity,		
	Resistivity		
	Caliper		
	Deviation		
	Dip		
	Others (specify)		
	Core		
	Non-core		
SAMPLING AND ANALYSES			
Total Number of Samples			
	Proximate		
	Ultimate		
	Petrographic		
	Vitrinite reflectance		
	Coking		
	Wash tests		
PROSPECTING (scale/area)			
PREPARATORY/PHYSICAL			
Line/grid (km)			
Trench (number, metres)			

Parts of Section 11, including tables 8 and 9, and Figures 4 and 5 remain confidential under the terms of the Coal Act Regulation, and have been removed from the public version.

http://www.bclaws.ca/civix/document/id/complete/statreg/251_2004

Pacific American Coal Company

Pacific American Coal

Coal Assessment Report for Licenses 418648, 418649 and 418650

CONFIDENTIAL

September 2015

Compiled by
Highland GeoComputing, LLC

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1.0 Introduction, Location and Statement of Costs

Introduction

The Pacific American Coal (PAK) subsidiary Texas Oklahoma Coal Company (Canada), Ltd. (TOCC), and Highland GeoComputing, LLC (HGC) prepared this coal assessment report for the Elko coal project area near Fernie, British Columbia, Canada as required by the British Columbia Coal Act.

In September 2014, The British Columbia Ministry of Energy and Mines granted PAK yearly coal title licenses for three areas that comprise the Elko coal project area. The three active coal licenses for the Elko coal project area are 418648, 418649, and 418650, Table 1.

Table 1 - Coal Licenses

Tenure No.	Owner	Tenure Type	Anniv. Date	Area (ha)
418648	Texas Oklahoma Coal Company (Canada), Ltd. (aka PAK)	Coal License	09/19/2015	1,094 ha.
418649	Texas Oklahoma Coal Company (Canada), Ltd. (aka PAK)	Coal License	09/19/2015	1,128 ha.
418650	Texas Oklahoma Coal Company (Canada), Ltd. (aka PAK)	Coal License	09/19/2015	1,349 ha.

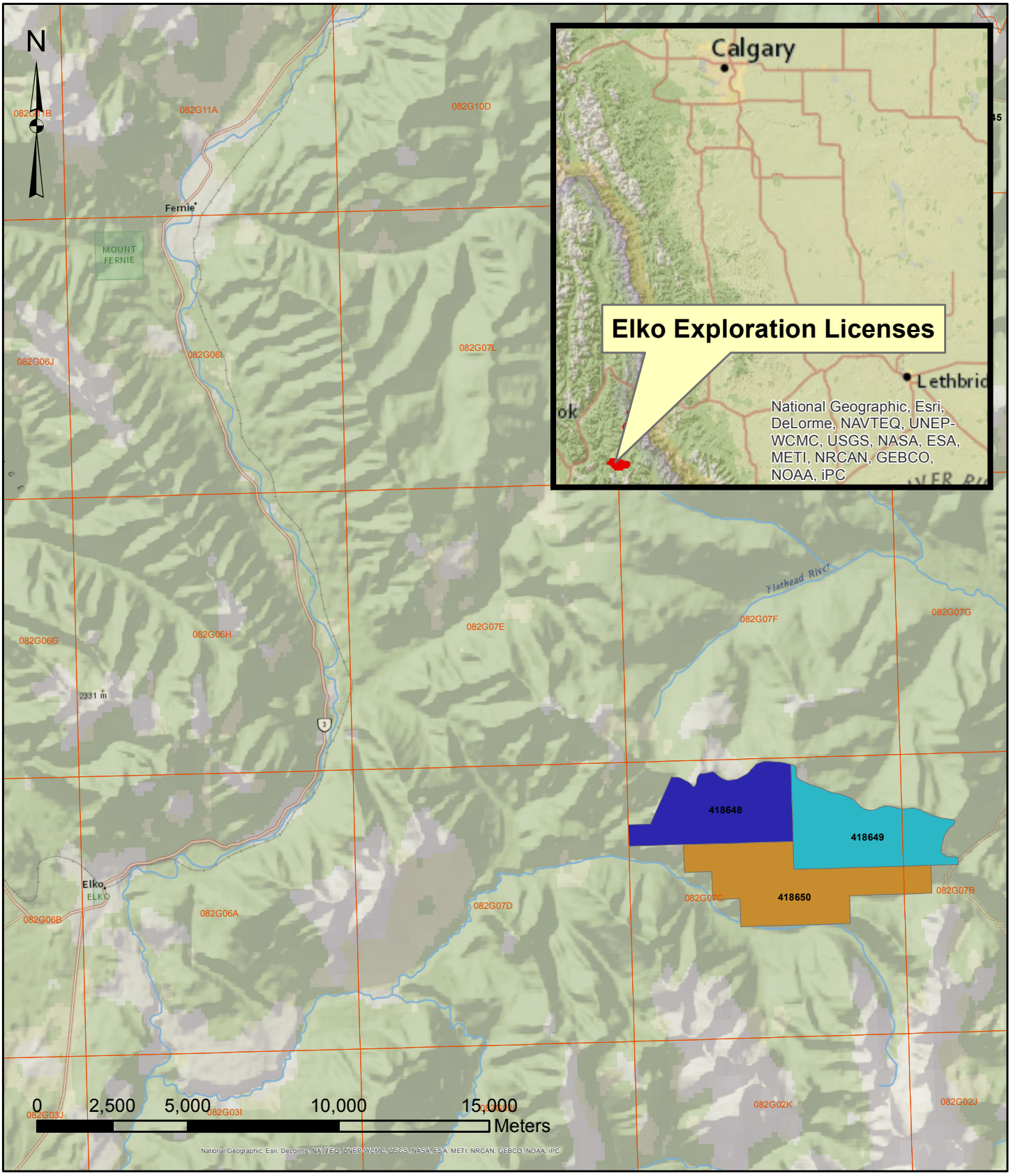
In July 2015, HGC and PAK personnel performed a geological field reconnaissance project across the Elko coal project area. The objective of the reconnaissance project was to verify locations of historical geological data points for their inclusion in the development of preliminary resource estimates under the 2012 JORC code.

Location

The Elko coal project area is located approximately 26 kilometers east of the town of Elko, British Columbia and approximately 30 kilometers south of the town of Fernie, British Columbia, Figure 1. The Elko coal project area covers portions of four NTS maps: 082G.036, 082G.037, 082G.026, and 082G.027. The Elko coal project area is quite remote and high in elevation. Access to the project area is restricted to logging roads, ATV trails and pipeline service roads.

Statement of Costs

A detailed statement of costs accompanies with report using the standard spreadsheet document provided by the British Columbia Ministry of Energy and Mines.



Legend

Exploration Licenses

- License 418648
- License 418649
- License 418650

Pacific American Coal

Highland GeoComputing, LLC

Elko Mine Area

Figure 1
Location Map

Elko, British Columbia
August 2015

2.0 Statement of Qualifications

Qualified Person

The information in this document is based on information compiled by Mr. Dwight M. Kinnes, CPG who is President and Principal Consultant of Highland GeoComputing, LLC and is a registered member of the Society of Mining and Engineering (No. 4063295). Mr. Kinnes has sufficient experience which is relevant to the style of mineralization and type of deposit under consideration and to the activity which he is undertaking to qualify as a Qualified Person as defined in NI 43-101.

A signed and dated Certificate of Qualified Person resides in the appendix of this report.

3.0 Exploration Program Summary

During the period from July 22 through July 28 2015, HGC and PAK personnel performed ground truthing and geological mapping across the PAK coal licenses. The primary objective of the 2015 geological reconnaissance (ground truthing) project was to verify the location of coal seam outcrops, drill holes and exploration adits referenced in BC Coal and Mitsui reports obtained from the British Columbia Ministry of Energy and Mines "Coalfile" reporting system, Table 2. By locating these points in the field, HGC and PAK can use the data points as valid points of observation under the JORC code.

The exploration program consisted of making daily traverses to data points referenced in historical reports and collecting GPS locations for each point, Table 3. Because most of the historical data points were installed, and roughly reclaimed more than 35 years ago, access to these data points was difficult. However, historical geological maps proved to be accurate. Thus, HGC and PAK were able to locate each data point.

The historical data available across the project area contained detailed geological maps, drill logs, and coal quality analyses. These data were collected and presented in highly professional documents. Therefore, in the opinion of HGC, these data could be used as valid data points under JORC code if their locations were independently verified in the field by a Qualified Person. Since, HGC and PAK were able to locate every data point within a few meters of the historically mapped location, HGC is satisfied that the historical data is accurate and can be used as valid data points on the JORC code.

Following the field geological reconnaissance project, HGC compiled the geological data from numerous reports to prepare a preliminary geological resource model within the Elko coal project area. The preliminary geological

model is the first attempt to reconcile geological reports from Mitsui, BC Coal and Cline Mining across the Elko coal project area. The preliminary geological model provides the first estimate of coal resources in the Elko coal project area and provides the basis for additional exploration.

Table 2 - GPS Locations of Key Data Points

Description	Pnt_ID	Easting	Northing
Drill Hole FH1	FH1	658,419.01	5,465,379.91
Drill Hole JB-5	JB5	655,658.37	5,467,695.89
Adit F-1	C16	656,161.51	5,465,275.83
Adit F-2	C14	656,309.44	5,465,400.41
Adit F-3	C18	656,025.78	5,465,670.46
Adit F-4	C12	655,917.86	5,465,729.58
Adit F-5	C11	655,821.58	5,466,000.97
Adit F-6	C18	656,025.78	5,465,670.46
Lodgepole Adit #1	LP Adit	664,711.42	5,464,764.67
Lodgepole Adit #2	LP Adit2	664,665.73	5,465,034.22
Lodgepole Drill Hole #101	Lp101	663,734.66	5,464,855.61
Lodgepole Drill Hole #401	Lp401	664,654.34	5,464,800.57
Lodgepole Drill Hole #102	Lp102	664,352.82	5,465,291.52
Lodgepole Drill Hole #402	Lp402	664,609.92	5,465,039.66

Table 3 - Data Points - 2015 Geological Reconnaissance Project

Description	Pnt_ID	Easting	Northing
Atv Park	Atv	655,721.67	5,466,915.72
coal	C3	653,908.62	5,466,445.47
coal	C4	653,961.17	5,466,492.56
coal	C5	655,112.05	5,466,170.76
coal	C6	655,087.51	5,466,154.05
coal	C7	655,134.51	5,466,155.49
coal	co3	656,339.03	5,465,689.17
coal	C9	662,926.06	5,464,855.24
coal	C11	655,821.58	5,466,000.97
coal	C12	655,917.86	5,465,729.58
coal	C13	655,867.61	5,465,663.30
coal	C14	656,309.44	5,465,400.41
coal	C15	656,366.40	5,465,297.79
coal	C16	656,161.51	5,465,275.83
coal	C17	655,952.94	5,465,687.53
coal	C18	656,025.78	5,465,670.46
coal	C20	663,899.46	5,464,700.43
coal	C20 2	663,894.26	5,464,696.93
coal	C21	664,842.72	5,464,878.32
coal	C22	664,698.68	5,464,922.50
coal	C23	664,667.99	5,464,949.17
coal	co3 2	655,367.08	5,467,034.49
coal	Co	656,637.82	5,465,276.72
coal	Co	662,092.78	5,463,429.19
Core dump	Core dump	664,708.25	5,464,921.34
cs	Cs3	654,547.32	5,466,428.27
cs	Cs4	654,763.49	5,466,250.03
cs	Cs5	654,881.65	5,466,182.72
cs	Cs6	655,111.29	5,466,179.53
cs	cs2	656,339.03	5,465,689.17
cs	Cs8	662,431.08	5,464,184.61
cs	Cs10	654,881.73	5,466,190.18
cs	CS	656,346.27	5,465,465.65
cs	Cs	656,155.15	5,465,343.29
cs	Cs	656,124.36	5,465,748.25
cs	Oc	663,559.86	5,465,039.20
cs	Cs	656,238.37	5,466,417.55

Description	Pnt_ID	Easting	Northing
cs	Cs 2	656,427.35	5,465,394.43
FH1	Dh FH1	658,419.01	5,465,379.91
Flt	F2	656,269.34	5,465,557.13
Flt	Flt	656,517.67	5,465,358.73
Flt	Flt	656,922.77	5,465,151.58
Flt	Flt 2	657,754.87	5,464,679.81
Flt	Flt 3	657,755.60	5,464,656.69
Flt	Flt 4	657,763.70	5,464,655.93
Hazell Pic	Hzl pjicj	661,919.40	5,480,044.20
Inclinometer	I1	655,892.80	5,465,782.27
Inclinometer	I2	656,017.29	5,465,613.60
Inclinometer	I3	656,049.62	5,465,691.39
JB5	Dhjb5	655,658.37	5,467,695.89
LP Adit	Lpadit	664,711.42	5,464,764.67
LP Adit	LpAdit2	664,665.73	5,465,034.22
LP DH	Lp101	663,734.66	5,464,855.61
LP DH	Lp401	664,654.34	5,464,800.57
LP DH	Lp102	664,352.82	5,465,291.52
LP DH	Lp402	664,609.92	5,465,039.66
McLatchie	M	665,173.44	5,463,065.51
McLatchie	M 2	666,607.89	5,464,614.30
McLatchie	M 3	666,608.67	5,464,732.37
McLatchie	M 4	666,921.85	5,466,642.11
McLatchie	M 5	667,353.83	5,467,441.34
McLatchie Rd. turn	McLatchie	664,868.01	5,462,587.04
Morrissey Rd. turn	Morsyturn	646,251.62	5,470,425.88
Parking	P1	653,504.50	5,465,100.07
Parking	P	654,931.92	5,466,627.02
Pond	Pond	658,510.61	5,465,015.87
Shoefly Rd. turn	Shoefly	650,366.07	5,463,931.12
SS	Ss1	655,933.11	5,465,663.93
SS	Ss2	656,112.92	5,465,634.00
SS	Ss	656,736.82	5,465,270.76
SS	Ss 2	643,909.75	5,472,906.13
SS	Ss 3	667,044.40	5,488,549.97
Weather	Wthr	664,200.65	5,464,348.73

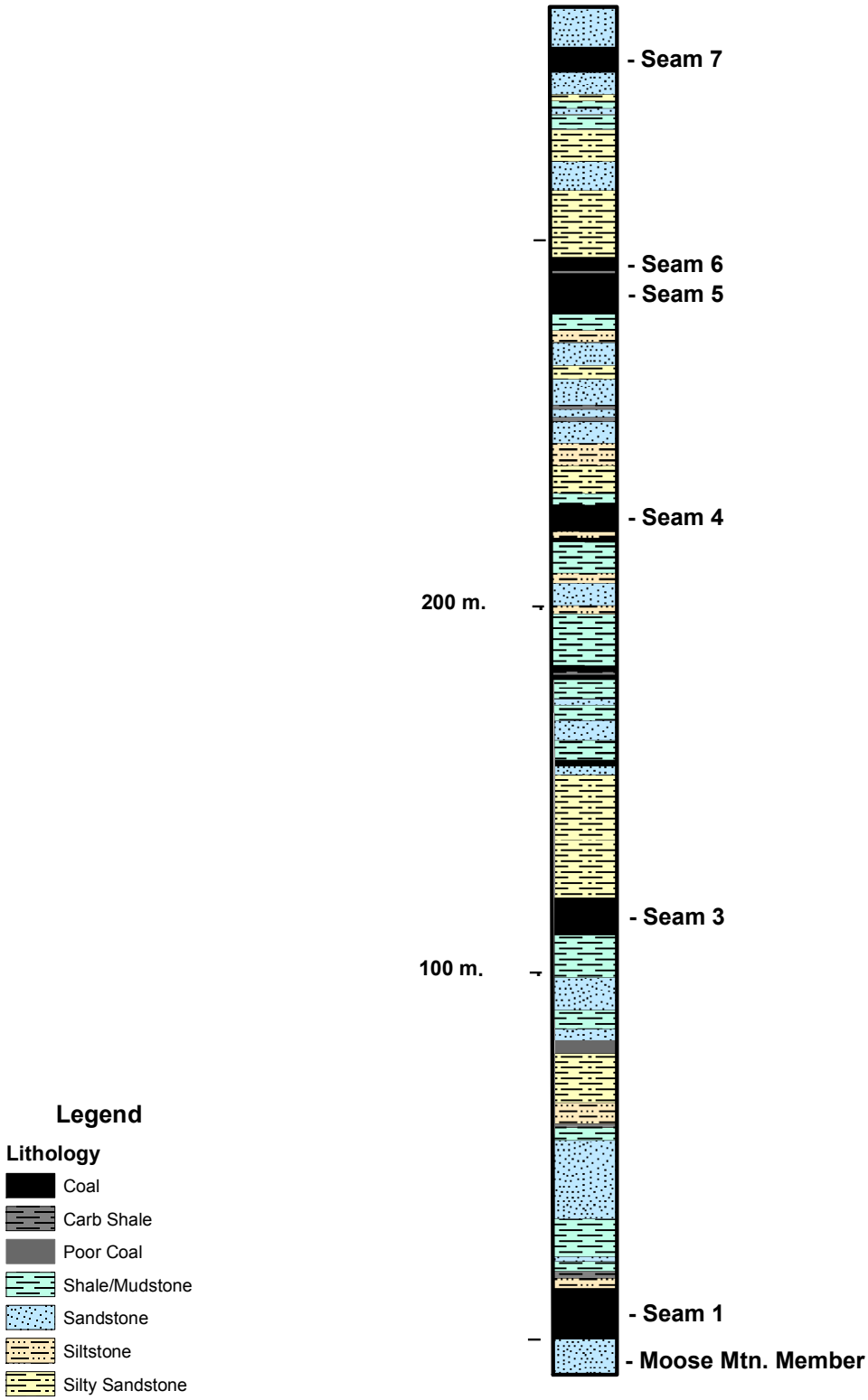
4.0 General Geology and Exploration History

General Geology

The Elko and South Hazell license areas reside within the Crowsnest Coal basin. The Crowsnest Coal basin consists of Jurassic and Cretaceous sedimentary rocks belonging to the Fernie Formation – Jfe (mostly shales), the Kootenay Formation – JKK (interbedded sandstones, shales and coal), and the Blairmore Formation – IKTBC (conglomerates), Map 1. The Elko licenses reside at the southern end of the Crowsnest Coal basin with regional northerly dips ranging from 15 to 40 degrees.

The Fernie Formation is the lowest geological unit in the Elko mine area. The coal title licenses primarily reside in the Lower Cretaceous Kootenay Formation. The Kootenay Formation is divided into three members, the Moose Mountain Member, Mist Mountain Member, and the Elk Member. The Blairmore Group overlies the Kootenay Formation forming a prominent conglomerate cliff along the length of Flathead Ridge.

The Mist Mountain Member of the Kootenay Formation rests on the Moose Mountain sandstone with thickness between 425 to 500 meters. The unit consists of sandstone, siltstone, mudstone and potentially economic coal seam. Conglomerate lenses up to 1 meter in thickness occur at the top of the member. BC Coal Ltd. identified at least seven coal seams with mineable thickness and quality in the Mist Mountain Member, Figure 2. The Mist Mountain coal seams frequently contain several intra-seam partings of shale and carbonaceous shale.



From J.A. Huryn, B. C Coal, 1981 (Coalfile #304a)

Elko License Area

Figure 2
Illustrative Stratigraphic Column

Pacific American Coal

Highland GeoComputing, LLC

Elko, British Columbia
August 2015

Exploration History

BC Coal performed nearly all of the exploration within the Elko project area. According to available reports, Kaiser Resources (which became BC Coal in 1981) acquired coal rights to Flathead Ridge in 1968. In 1973, BC Coal dug 7 adits, or channels in coal outcrops along the western face of Flathead Ridge. In 1980, BC Coal performed additional geological field mapping and drilled one continuous core hole in July 1980.

Mitsui performed extensive exploration in the area currently known as “Block 82” throughout the 1960s and early 1970s. A large portion of their work occurred on “Ridge 19” and “Ridge 20”. These ridges are very close to the PAK licenses. Therefore, the geological data is useable for modeling and resource classification.

Table 4 - Coal File Reports Near Elko Project Area

Year	Coal File Report	Operator	Report Type
1965	289a	Nittetsu Mining Consultants for Mitsui	Preliminary Field Mapping Text- Fernie Ridge (west of PAK Properties)
1965	289b	Nittetsu Mining Consultants for Mitsui	Preliminary Field Mapping Maps - Fernie Ridge (west of PAK Properties)
1967	290a	Nittetsu Mining Consultants for Mitsui	Second Field Mapping Report Drilling and Adits - Text - Fernie Ridge (west of PAK Properties)
1967	290c	Nittetsu Mining Consultants for Mitsui	Second Field Mapping Report Drilling and Adits - Maps - Fernie Ridge (west of PAK Properties)
1967	290 Figure 19	Nittetsu Mining Consultants for Mitsui	Second Field Mapping Report Drilling and Adits - Figure - Fernie Ridge (west of PAK Properties)
1967	291	Fernie Coal Mining Co.	North end of Block 82 - Michel Ridge
1968	292	Nittetsu Mining Consultants for Mitsui	Detail Summary of Adits and Drill Holes Text, CQ - Block 82
1968	292 Appendix	Nittetsu Mining Consultants for Mitsui	Detail Summary of Adits and Drill Holes Maps, XS, Logs - Block 82
1968	293	Nittetsu Mining Consultants for Mitsui	Preliminary U/G Feasibility Study - Block 82
1970	294	Mitsui Mining Co.	Drawings Attached to Fernie Coal Mine Survey Report - Block 82
1961	295	Columbia Iron Mining Co.	Progress Report - Morrissey Ridge
1961	296a	Cropco	Morrissey Ridge - Text
1961	296b	Cropco	Morrissey Ridge - Maps and Cross Sections
1972	298	Kaiser Resources	Morrissey Ridge - Maps Only - No Text
1975	299	Kaiser Resources	Morrissey Ridge - Resource Calculation Sheets Only - No Text
1970	300	Mitsui Mining Co.	Interim Field Report "Flathead Ridge P.C.I. Project" - Block 82
1973	301a	Kaiser Resources	Resource Calculation Sheets Only - No Text - Flathead Ridge and McLatchie
1973	301c	Kaiser Resources	Maps, Cross Sections, Adit Drawings - No Text - Flathead Ridge and McLatchie
1980	302	Kaiser Resources/BC Coal	Exploration Report - Flathead Ridge - North of Tembec License
1981	303	Kaiser Resources/BC Coal	Exploration Report - Flathead Ridge - South of Tembec License
1981	304a	BC Coal	Progress Report - Flathead Ridge - Drill Hole FH1 Logs
1981	304b	BC Coal	Progress Report - Flathead Ridge - Drill Hole FH1 - Quality Data

5.0 Geophysical Surveys

No geophysical surveys were performed during the 2015 geological reconnaissance project.

6.0 Geochemical Surveys

No geochemical surveys were performed or geochemical samples were collected during the 2015 geological reconnaissance project.

7.0 Drilling Exploration

No exploration drilling was performed during the 2015 geological reconnaissance project.

8.0 Prospecting Surveys

HGC and PAK collected locations of historical geological data points using hand-held GPS devices. HGC also collected strike and dip measurements along coal and rock outcrops, recording their locations using the hand-held GPS devices.

9.0 Physical Work

No excavations, roads or trenches were cut or cleared during the 2015 geological reconnaissance project. HGC and PAK utilized existing roads and trails to access desired locations.

10.0 Preliminary Geological Model

HGC downloaded raw topographic data in CSV format from the Canadian "GeoGratis" website. HGC using tools in ArcGIS converted the geographic coordinates to the NAD 1983 UTM Zone 11 coordinate system. HGC then created a gridded topographic surface using the topographic data points at a 10-meter grid cell resolution using the MineScape geological modeling and mine planning system from ABB.

The BC Coal report #301c contains 23 cross sections over the Elko License area. HGC imported the cross-section images into ArcGIS and sized them all relative to each other. HGC digitized the topographic profile, faults, coal seams and grids from each cross-section, see Figure 3. HGC also digitized the locations of the mapped coal seam outcrop lines, Adits, strike and dip measurements, the Kaiser property boundary, and the cross-section locations in ArcGIS. HGC imported DXF cross-sections into MineScape. HGC then developed a method to transform the DXF cross-section from 2D CAD space to 3D coordinates in the NAD 1983 UTM Zone 11 system.

Parking

Inclinometer

FH1

Pond

LP DH

coalcoal

Weather

Legend

Geologic GPS Points
Name
- Coal
- Carb. Shale
- Sandstone Outcrop
- FH1 - GPS
- JB-5 - GPS
- Lodgepole Holes

- Core Dump
- LP Adit
- Fault Point
- Inclinometer Reading
- Vehicle Parking
- Pond
- Weather Station

- BC Coal Hole FH1
- Lodgepole_holes
- Adits
- StrikeDip

Faults
Fault Type
- Strike Slip
- Thrust

Outcrop Lines
Seam
- 1 Seam
- 3 Seam
- 4 Seam
- 5&6 Seam
- 7 Seam

Topography
- <all other values>

Index
- 500ft
- 100ft
- Cross Section Lines
- Coal License Boundaries

0 250 500 1,000 1,500 Meters

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Highland GeoComputing, LLC

Coordinate System: NAD 1983 UTM Zone 11N

Elko License Area

Figure 3
Topography, Cross Section Locations and Outcrop Lines

Elko, British Columbia
August 2015

Once the cross-sections were visible in 3-D space, HGC identified and combined individual faults across the project area. HGC identified 8 reverse faults across the project area. However, only 6 of these faults appeared on multiple cross-sections. HGC needed fault lines (and coal seam lines) to appear on at least two cross-sections in order to build reasonable geological surfaces for each fault. For each fault, HGC built a gridded surface using a 20-meter grid cell size. The fault surfaces were extrapolated up to intersect topography and down to extend below Seam 1.

To model the coal seams with respect to the faults, HGC divided the project area into 6 geological domains. Each domain is bounded by one or more of the modeled faults as shown in Table 5.

Table 5 - Model Domain Boundary Faults

Domain Name	Lower Boundary Fault	Upper Boundary Fault
D0	n/a	Flt1
D1	Flt1	Flt2
D2	Flt2	Flt3
D3	Flt3a	Flt6
D3a	Flt3	Flt3a
D6	Flt6	Flt7/Topography

HGC assigned each digitized coal seam to a specific domain. HGC created gridded floor structure surfaces for each coal seam within each domain. HGC extrapolated the floor structures to intersect topography (outcrop) or one of the bounding faults.

HGC used the seam thickness data compiled on Table 6 to build seam thickness grid surfaces. Insufficient data exists to separate seam thicknesses into domains. Therefore, HGC created a single thickness grid for each seam.

Table 6 - Average Seam Thickness and Coal Quality

						Raw Coal						Dry Basis Clean Coal								
PT ID	PT Type	Coal File No.	Area	Seam	True Thickness	Res. Mst	Dry Ash	VM	FC	Sulfur	FSI	Float SG	Res. Mst	Ash	VM	FC	FSI	Sulfur	Yield	Btu
F-5	Adit	301c	Elko	SM7	5.94		5.10	21.80	73.10	0.49	8.0	1.50		3.90	21.90	74.30	7.5	0.51		
FH1	DDH	304b	Elko	SM7	1.33		47.00				6.0	1.50		9.80	24.40	65.80	8.0	0.49	40.80	13,970
J-4	DDH	292	Block 82	SM7	4.24	0.80	16.39	21.62	61.19		6.7									
J-5	DDH	292	Block 82	SM7	2.29	0.51	21.61	23.42	54.46		7.6									
LP102	DDH	426	Lodgepole	SM7	4.00		31.32				4.0	1.50	0.88	5.61	22.97	70.54	6.5		39.76	
OC153	Outcrop	292	Block 82	SM7	3.30	7.12	14.29	27.69	50.91											
OC714	Outcrop	292	Block 82	SM7	3.03	9.63	9.88	26.83	53.66											
TB-6	Adit	292	Block 82	SM7	3.73	2.00	6.80	23.50	67.70	0.42	7.5									
Mean				***SM7***	***3.48***	***4.01***	***19.05***	***24.14***	***60.17***	***0.46***	***6.64***	***1.50***	***0.88***	***6.44***	***23.09***	***70.21***	***7.33***	***0.50***	***40.28***	***13,970***
Wgt Avg*				***SM7***	***3.96***		***15.77***													
F-6	Adit	301c	Elko	SM6	2.96		14.60	21.20	64.20	0.62	7.0	1.50		6.30	21.30	72.40	8.0	0.64		
J-4	DDH	292	Block 82	SM6	1.57	0.89	25.15	17.96	56.01		4.0									
J-5	DDH	292	Block 82	SM6	2.23	1.00	7.20	22.69	69.12		4.8									
LP101	DDH	426	Lodgepole	SM6	0.90		22.72				7.5	1.50	0.52	5.78	21.84	71.86	8.0		66.63	
LP102	DDH	426	Lodgepole	SM6	0.90		33.65				6.0	1.50	0.96	6.03	22.78	70.23	8.0		64.71	
Mean				***SM6***	***1.71***	***0.94***	***20.66***	***20.61***	***63.11***	***0.62***	***5.87***	***1.50***	***0.74***	***6.04***	***21.97***	***71.50***	***8.00***	***0.64***	***65.67***	
Wgt Avg*				***SM6***	***2.08***		***17.46***													
OC150	Outcrop	292	Block 82	SM56	4.22	5.28	4.75	22.76	67.20											
OC623	Outcrop	292	Block 82	SM56	5.84	12.07	15.87	26.69	45.38											
OC627	Outcrop	292	Block 82	SM56	6.58	8.43	5.24	27.79	58.54											
TA-1	Adit	292	Block 82	SM56	4.17	1.80	4.20	21.90	72.10	0.33	7.0									
Mean				***SM56***	***5.20***	***6.90***	***7.51***	***24.79***	***60.80***	***0.33***	***7.00***									
Wgt Avg*				***SM56***	***5.41***		***7.91***	***25.28***	***59.32***											
F-4	Adit	301c	Elko	SM5	11.16		11.90	21.10	67.00	0.28	6.0	1.50		7.40	21.50	71.10	6.0	0.35		
J-5	DDH	292	Block 82	SM5	3.32	0.81	13.67	21.30	64.22											
LP101	DDH	426	Lodgepole	SM5	2.30		13.07				6.2	1.50	0.94	4.51	20.99	73.56	6.3		79.68	
LP102	DDH	426	Lodgepole	SM5	1.20		3.95				5.0	1.50	0.80	2.84	22.03	74.33	5.5		89.28	
Mean				***SM5***	***4.49***	***0.81***	***10.65***	***21.20***	***65.61***	***0.28***	***5.72***	***1.50***	***0.87***	***4.92***	***21.51***	***73.00***	***5.94***	***0.35***	***84.48***	
Wgt Avg*				***SM5***	***7.91***		***11.84***													
F-3	Adit	301c	Elko	SM4	6.98		17.00	19.40	63.60	0.33	4.0	1.50		8.40	19.60	72.00	5.0	0.36		
LP101	DDH	426	Lodgepole	SM4	1.65		48.18				1.0	1.50	0.67	6.48	20.84	72.01	8.0		27.19	
Mean				***SM4***	***4.31***		***32.59***	***19.40***	***63.60***	***0.33***	***2.50***	***1.50***	***0.67***	***7.44***	***20.22***	***72.01***	***6.50***	***0.36***	***27.19***	
Wgt Avg*				***SM4***	***5.96***		***22.96***				***3.43***			***8.03***	***19.84***	***72.00***	***5.57***			
F-2	Adit	301c	Elko	SM3	5.72		22.50	17.80	59.70	0.52	1.0	1.50		10.40	18.00	71.60	1.0	0.77		
FH1	DDH	304b	Elko	SM3	0.30		21.68				6.0	1.50		4.60	24.00	71.40	7.5	0.48	60.40	14,990
LP101	DDH	426	Lodgepole	SM3	5.27		20.12				4.1	1.50	0.61	8.19	19.52	71.68	5.4		68.46	
LPAdit-2	Adit	428	Lodgepole	SM3	4.93	0.66	22.62				3.5	1.65	0.57	9.58	17.93	71.92	5.5		66.00	
Mean				***SM3***	***4.05***	***0.66***	***21.73***	***17.80***	***59.70***	***0.52***	***3.65***	***1.54***	***0.59***	***8.19***	***19.86***	***71.65***	***4.85***	***0.63***	***64.95***	***14,990***
Wgt Avg*				***SM3***	***5.23***		***21.75***				***2.87***			***9.32***	***18.59***	***71.72***	***3.93***			
F-1	Adit	301c	Elko	SM1	14.02		26.10	15.70	58.20	0.63	1.0	1.50		11.30	17.70	71.00	2.5	0.69		
FH1	DDH	304b	Elko	SM1	3.17		17.90				2.5	1.50		6.60	21.60	71.80	4.0	0.39	68.30	14,260
LP101	DDH	426	Lodgepole	SM1	13.44		24.87				1.3	1.50	1.06	8.98	18.69	71.26	1.8		47.79	
LPAdit-3	Adit	428	Lodgepole	SM1	18.40							1.63	2.04	9.36	15.56	73.04	1.0			
FH1	DDH	304b	Elko	SM1 Rpt	4.02		18.30				1.0	1.50		6.90	17.70	75.40	1.0	0.34	66.40	14,216
FH1	DDH	304b	Elko	SM1 Rpt	3.65		28.50				1.0	1.50		7.10	18.90	74.00	1.0	0.40	49.10	14,145
Mean				***SM1***	***9.45***		***23.13***	***15.70***	***58.20***	***0.63***	***1.4***	***1.52***	***1.55***	***8.37***	***18.36***	***72.75***	***1.9***	***0.46***	***57.90***	***14,207***
Wgt Avg*				***SM1***	***13.32***									***9.28***	***17.54***	***72.27***	***1.7***			

* Weight averages calculated only for items with samples in each data point

11.0 Preliminary Resource Estimate

Tonnage and Resource Parameters

The Geological Survey of Canada Paper 88-21 outlines “A Standardized Coal Resource/Reserve Reporting System for Canada”, Table 7. The paper outlines four classes of “Geology Type”: Low, Moderate, Complex and Severe. HGC believes the Elko coal project area belongs to the Moderate class, bordering on Complex. By definition, the coal in the Moderate geology type “… have been affected to some extent by tectonic deformation. They are characterized by homoclines, or broad open folds with bedding inclinations of generally less than 30^{o}. Faults may be present, but relatively uncommon and generally have displacements of less than ten meters.”

Table 7 lists additional resource parameters as defined by CGS Paper 88-21.

[redacted]

Table 7 – Resource Estimate Parameters per CGS Paper 88-21

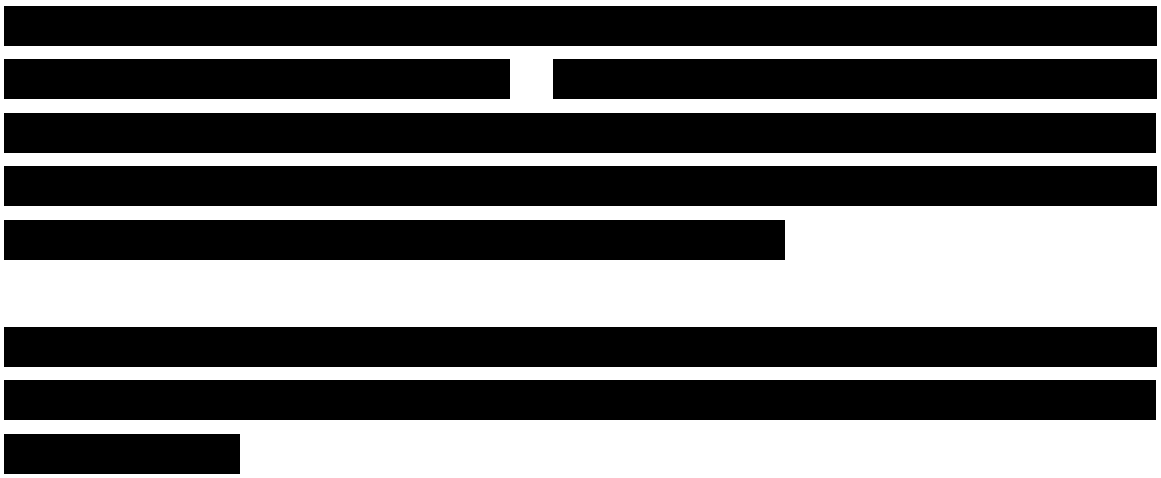
Tonnage and Resource Estimate Parameters

Moderate Geology Type per CGS Paper 88-21

Seam Thickness (meters)				
Mine Type	**Max. Rock Parting**	**Min Coal Bed thickness**	**Min Aggregate Seam Thickness**	**Coal to Rock Ratio (UG)**
Surface	0.30	0.45	0.50	
Underground	0.50	0.45	1.00	>= 1.5

Ratio and Depth of Cover		
Feasibility Level/Mine Type	**Ratio***	**Max Depth**
Immediate Interest		
Surface	20:1	
Underground		600m
Future Interest		
Surface	25:1	
Underground		900m
*Incremental In-Place Ratio between seams. Overall ratio would be less.		

Resource Classes by Data Point Distance		
Measured	**Indicated**	**Inferred**
0 - 450m	450m - 900m	900m - 2400m



12.0 Conclusions and Recommendations

The primary objective of the ground truthing and field reconnaissance project was to locate and re-establish GPS coordinates for key data points within the Elko License areas. HGC and PAK completed the objective by locating all of the key data points in the field. Because the locations of the key data points were verified, these data points meet the criteria as a valid data points under the JORC code and can be used for resource estimation.

HGC prepared a preliminary geological model using existing cross-section and drill holes from BC Coalfile report #301c and #304a. HGC then developed preliminary resource estimates for the Elko License areas.

Based on the results of the 2015 field work, HGC recommends that PAK develop a detailed exploration plan to include exploration drilling and core sampling. HGC also recommends developing plans to begin collecting long-term baseline environmental data required for exploration and potential resource extraction. HGC also recommends drafting Notices of Work for British Columbia as soon as the exploration plans have been compiled.

13.0 Documentation

"The JORC Code, 2012 Edition", The Australasian Institute of Mining and Metallurgy, Australian Institute of Geosciences and Minerals Council of Australia, December 2012.

"A Standardized Coal Resource/Reserve Reporting System for Canada", Paper 88-21, Geological Survey of Canada, 1989.

"Section 5 - NI 43-101 Standards of Disclosure for Mineral Projects, Form 43-101F1 Technical Report and Related Consequential Amendments", OSC Bulletin Volume 34, Issue 25, The Ontario Securities Commission, June 24, 2011.

"Technical Report – Resources and Reserves of the Lodgepole Coal Property", Cline Mining Corporation/GR Technical Services Inc., February 2006.

"Report on the Survey of Fernie Coal Mine, B.C., Canada", Nittetsu Mining Co. Ltd., March, 1966. (B.C. Coalfile #289).

"Report on the Second Survey of Fernie Coal Mine, B.C., Canada", Nittetsu Mining Co. Ltd., April, 1967. (B.C. Coalfile #290).

"Survey Report on Fernie Coal Mine, B.C., Canada", Nittetsu Mining Co. Ltd., May, 1968. (B.C. Coalfile #292).

"The Interim Report on the Field Investigation Executed in The Flathead Ridge P.C.I. Property, B.C. Canada", Mitsui Mining Co, Ltd., 1970. (B.C. Coalfile #300).

"Flathead – McLatchie Reserve Estimate Charts", Kaiser Resources Ltd., 1973. (B.C. Coalfile #301a).

"Flathead – McLatchie Maps and Cross Sections", Kaiser Resources Ltd., 1973. (B.C. Coalfile #301c).

"Exploration Report Coal Licences 500-506", Kaiser Resources Ltd., July 1980. (B.C. Coalfile #302).

"Flathead Ridge Coal Licences (4188 – 4189) Progress Report", B.C. Coal Ltd., April 1981. (B.C. Coalfile #303).

"Flathead Ridge Coal Licences (500 – 506) Progress Report", B.C. Coal Ltd., May 1981. (B.C. Coalfile #304a).

Quality Data from Drill Hole FH-1, B.C. Coal Ltd. May 1981. (B.C. Coalfile #304b).

"Preliminary Geological Model and Resource Estimate for the Elko License Area", Highland GeoComputing, LLC. August 2015.

Appendix

CERTIFICATE OF QUALIFIED PERSON

Dwight M. Kinnes, CPG, SME-RM 4063295

I, Dwight Kinnes, do hereby certify that:

1. I am President and Principal Consultant of:
   Highland GeoComputing, LLC
   7117 S Adams Cir.
   Centennial, CO 80122

2. I graduated with a Bachelor of Science degree in geology from Colorado State University in 1986. I have been a coal resource geologist for 29 years. My relevant experience includes building geological reserve models in British Columbia and Alberta Canada for coal and oil sands, building geological reserve models in every producing coal basin in the United States, building geological reserve models in select coal basins in Australia, Indonesia, Venezuela, Germany, and Thailand. I have performed exploration drilling projects in Wyoming, Montana, Texas and Thailand. I have been president and principal consultant for Highland GeoComputing, LLC since 2004.

3. I am a Registered Member of the Society of Mining, Metallurgy and Exploration (SME) No. 4063295. I am a certified profession geologist with the American Institute of Professional Geologists (AIPG) No. 10244. I am a licensed professional geologist in the state of Wyoming PG-2653.

4. I have read the definition of "qualified person" set out in National Instrument 43-101 (NI 43-101) as certify that by reason of my education, affiliation with a professional organization (as defined by NI 43-101) and past relevant work experience, I fulfill the requirements

to be a "qualified person" for the purposes of NI 43-101.

5. I am responsible for the preparation of "Coal Assessment Report for Licenses 418648, 418649 and 418650" report, dated September 15, 2015. I visited the Elko Coal Project on July 22. 2015 through July 28, 2015.

6. I consent to the filing of this report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the report.

7. As of September 15, 2015 to the best of my knowledge, information and belief that the scientific and technical information in this report is not misleading.

Dated this 15th day of September 2015.

Dwight M. Kinnes, CPG, SME-RM 4063295

SME
Society for Mining, Metallurgy & Exploration
Dwight M. Kinnes
SME Registered Member No. 4063295
Signature
Date Signed 9/15/2015
Expiration date 12/31/2015

Highland GeoComputing, LLC.
7117 South Adams Circle
Centennial, CO 80122

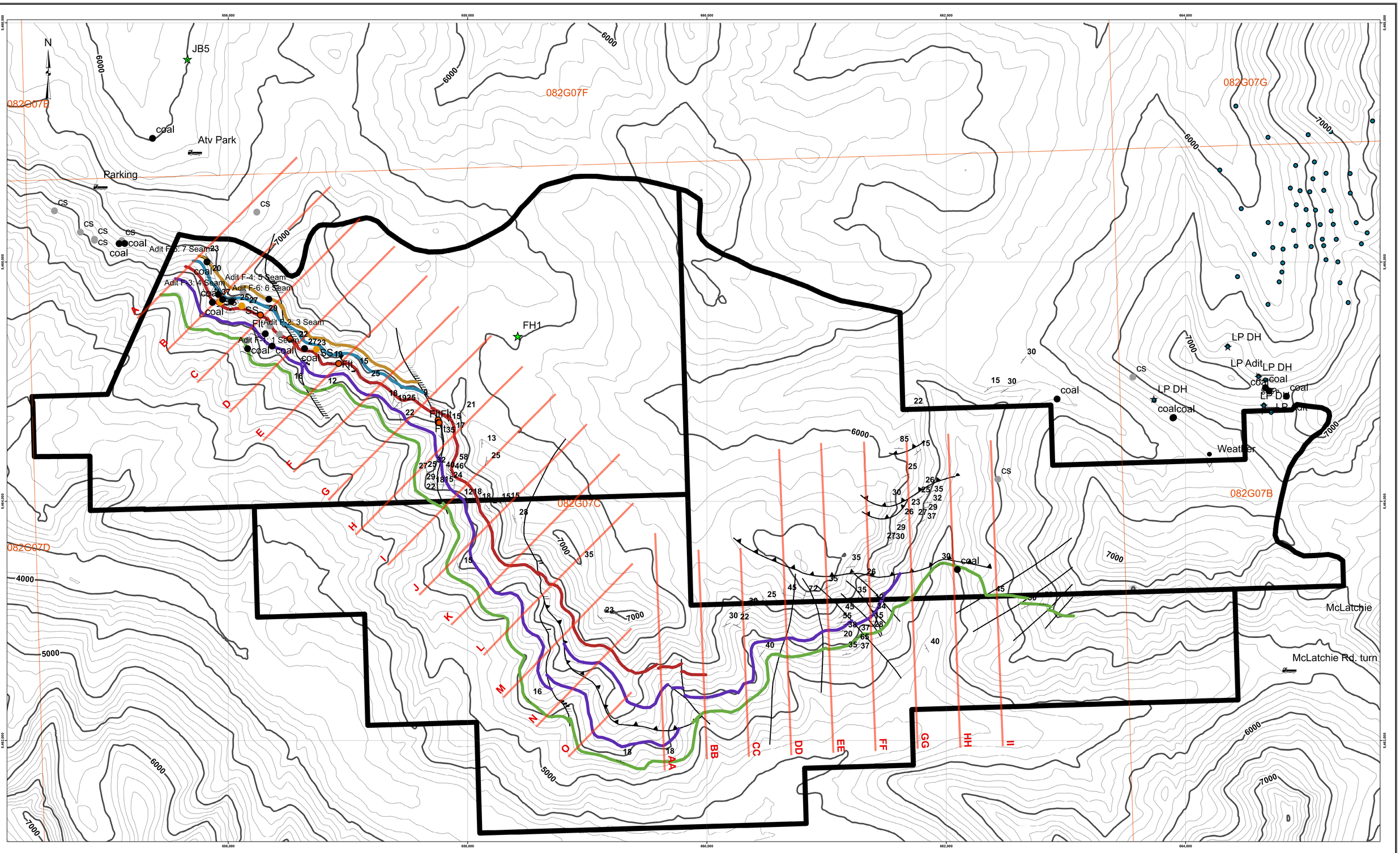
Tel: (303) 915-4640
Email: dkinnes@highlandgeocomp.com

Web: http://www.highlandgeocomp.com

Elko Coal Project

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	**Field Days (list actual days)**	**Days**	**Rate**	**Subtotal***	
Dwight Kinnes	July 20 - July 27	8	$1,300.00	$10,400.00	
Dominic Hill	July 20 - July 27	8	$600.00	$4,800.00	
Tyler Phillips	July 21 - July 24	4	$500.00	$2,000.00	
			$0.00	$0.00	
			$0.00	$0.00	
			$0.00	$0.00	
				$17,200.00	**$17,200.00**
Office Studies	**List Personnel (note - Office only, do not include field days**				
Literature search	Dwight Kinnes	0.8	$1,080.00	$ 810.00	
Literature search	Mark Sykes	4.0	$1,080.00	$ 4,320.00	
Database compilation	Dwight Kinnes	1.0	$1,080.00	$ 1,080.00	
Computer modelling	Dwight Kinnes	4.0	$1,080.00	$ 4,320.00	
Reprocessing of data			$0.00	$ -	
General research	Dominic Hill	4.0	$600.00	$ 2,400.00	
Report preparation	Dwight Kinnes	4.0	$1,080.00	$ 4,320.00	
Other (specify)	Employment and Title Searches		$0.00	$ 4,153.00	
				$21,403.00	**$21,403.00**
Airborne Exploration Surveys	**Line Kilometres / Enter total invoiced amount**				
Aeromagnetics			$0.00	$0.00	
Radiometrics			$0.00	$0.00	
Electromagnetics			$0.00	$0.00	
Gravity			$0.00	$0.00	
Digital terrain modelling			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Remote Sensing	**Area in Hectares / Enter total invoiced amount or list personnel**				
Aerial photography			$0.00	$0.00	
LANDSAT			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Ground Exploration Surveys	**Area in Hectares/List Personnel**				
Geological mapping					
Regional		*note: expenditures here*			
Reconnaissance		*should be captured in Personnel*			
Prospect		*field expenditures above*			
Underground	Define by length and width				
Trenches	Define by length and width			$0.00	**$0.00**
Ground geophysics	**Line Kilometres / Enter total amount invoiced list personnel**				
Radiometrics					
Magnetics					
Gravity					
Digital terrain modelling					
Electromagnetics	*note: expenditures for your crew in the field*				
SP/AP/EP	*should be captured above in Personnel*				
IP	*field expenditures above*				
AMT/CSAMT					
Resistivity					
Complex resistivity					
Seismic reflection					
Seismic refraction					
Well logging	Define by total length				
Geophysical interpretation					
Petrophysics					
Other (specify)					
				$0.00	**$0.00**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	

Drill (cuttings, core, etc.)			$0.00	$0.00	
Stream sediment			$0.00	$0.00	
Soil	*note: This is for assays or*		$0.00	$0.00	
Rock	*laboratory costs*		$0.00	$0.00	
Water			$0.00	$0.00	
Biogeochemistry			$0.00	$0.00	
Whole rock			$0.00	$0.00	
Petrology			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Drilling	**No. of Holes, Size of Core and Metres**	**No.**	**Rate**	**Subtotal**	
Diamond			$0.00	$0.00	
Reverse circulation (RC)			$0.00	$0.00	
Rotary air blast (RAB)			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Other Operations	**Clarify**	**No.**	**Rate**	**Subtotal**	
Trenching			$0.00	$0.00	
Bulk sampling			$0.00	$0.00	
Underground development			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Reclamation	**Clarify**	**No.**	**Rate**	**Subtotal**	
After drilling			$0.00	$0.00	
Monitoring			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
Transportation		**No.**	**Rate**	**Subtotal**	
Airfare	Dominic Hill, Dwight Kinnes		$0.00	$2,400.00	
Taxi			$0.00	$0.00	
truck rental			$0.00	$1,000.00	
kilometers			$0.00	$0.00	
ATV			$120.00	$360.00	
fuel			$0.00	$200.00	
Helicopter (hours)			$0.00	$0.00	
Fuel (litres/hour)			$0.00	$0.00	
Other					
				$3,960.00	**$3,960.00**
Accommodation & Food	**Rates per day**				
Hotel			$1,200.00	$1,200.00	
Camp			$0.00	$0.00	
Meals	day rate or actual costs-specify		$0.00	$0.00	
				$1,200.00	**$1,200.00**
Miscellaneous					
Telephone			$0.00	$ -	
Other (Specify)	Land Access			$ 500.00	
				$500.00	**$500.00**
Equipment Rentals					
Field Gear (Specify)	Consumables and equipment		$0.00	$ 800.00	
Other (Specify)	GPS Unit			$ 400.00	
				$1,200.00	**$1,200.00**
Freight, rock samples					
			$0.00	$0.00	
			$0.00	$0.00	
				$0.00	**$0.00**
TOTAL Expenditures					**$45,463.00**



Legend

Geologic GPS Points
- Coal
- Carb. Shale
- Sandstone Outcrop
- FH1 - GPS
- JB-5 - GPS
- Lodgepole Holes

- Core Dump
- LP Adit
- Fault Point
- Inclinometer Reading
- Vehicle Parking
- Weather Station

- Adits
- Lodgepole_holes
- StrikeDip
- Towns
- Cross Section Lines

Outcrop Lines
Seam
- 1 Seam
- 3 Seam
- 4 Seam
- 5&6 Seam
- 7 Seam

Faults
- Strike Slip
- Thrust

Topography
- 500ft
- 100ft

- Coal License Boundaries
- Coal Grid Map Sheet and Blocks

0 250 500 1,000 Meters

1:10,000

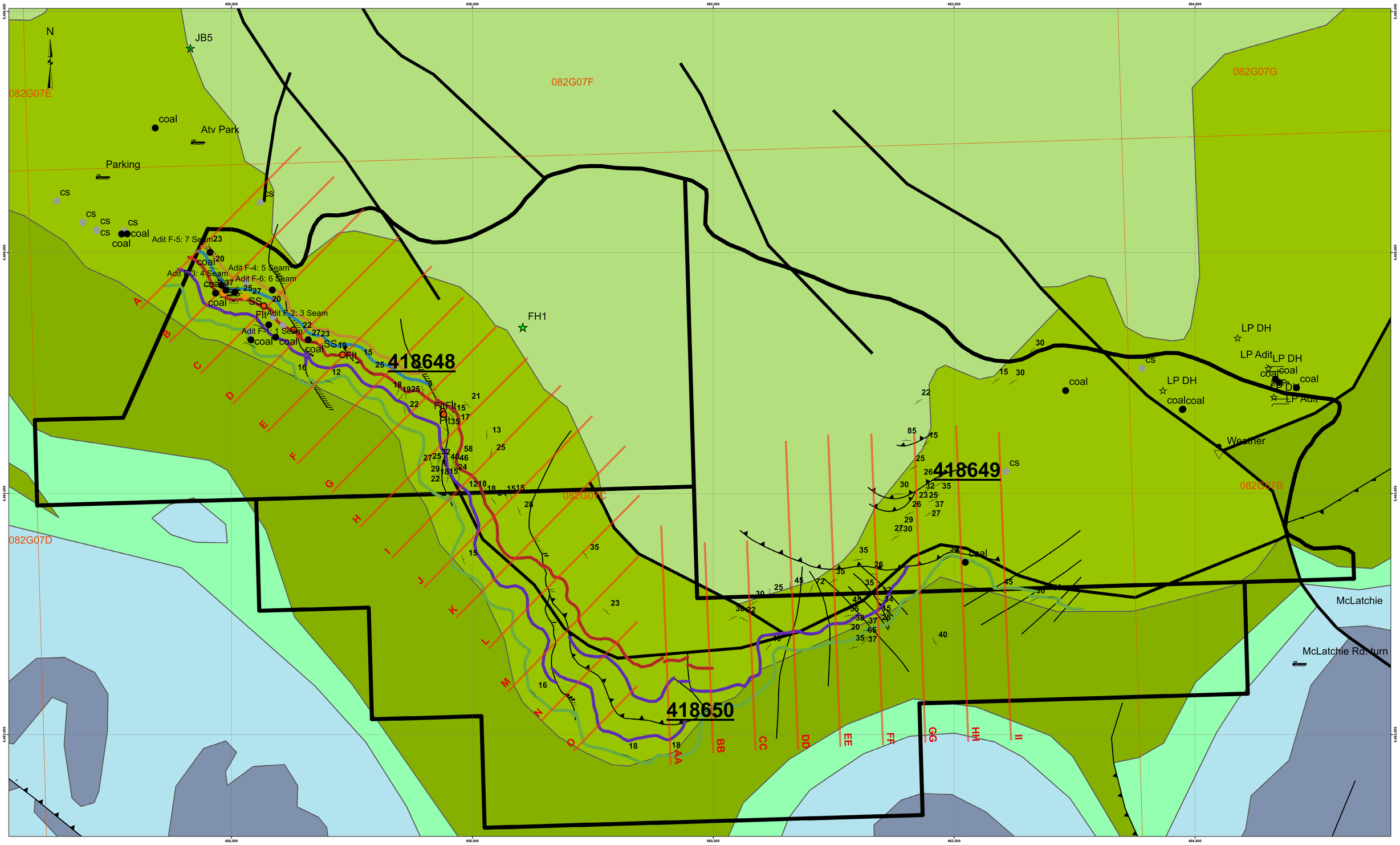
Pacific American Coal

Elko Project Area

Location of Data Points from the 2015 Geological Reconnaissance Project

Elko, British Columbia
NAD 1983 UTM Zone 11N

Drawn By: D. Kinnes	Scale: 1:10,000
Approved By:	Date: Sep 15, 2015
Revision:	Draw No.:
Highland GeoComputing, LLC	Filename: Elko_2015_Mapping_E.mxd



Legend

Geologic GPS Points
- Coal
- Carb. Shale
- Sandstone Outcrop
- FH1 - GPS
- JB-5 - GPS
- Lodgepole Holes

- Core Dump
- LP Adit
- Fault Point
- Inclinometer Reading
- Vehicle Parking
- Weather Station

- Adits
- StrikeDip
- Towns
- Cross Section Lines

Outcrop Lines
Seam
- 1 Seam
- 3 Seam
- 4 Seam
- 5&6 Seam
- 7 Seam

Faults
- Strike Slip
- Thrust
- PAC Coal Licenses

- Coal Grid Map Sheet and Blocks

BCGS Fault Type
- Dextral fault
- Extension fault

- Fault
- Normal fault
- Sinistral fault
- Strike-slip fault
- Thrust fault

Stratigraphic Unit
- IKTBC *Blairmore Fm*
- JKK *Kootenay Fm*
- JFe *Fernie Fm.*

- TrSRsf
- PnPR
- MRE

Regional Geological Map Units British Columbia Geologica Survey, 2013

0 250 500 1,000 Meters

1:10,000

Pacific American Coal

Elko Project Area

Regional Geology for the Elko Coal Project

Elko, British Columbia
NAD 1983 UTM Zone 11N

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Approved By:	Date: Sep 17, 2015
Revision:	Draw No.:
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655240 E
5465530 N
2500

656333 E
5466633 N
2500

656575 E
5466878 N
2500

Section: A

Section: A

Section: A'

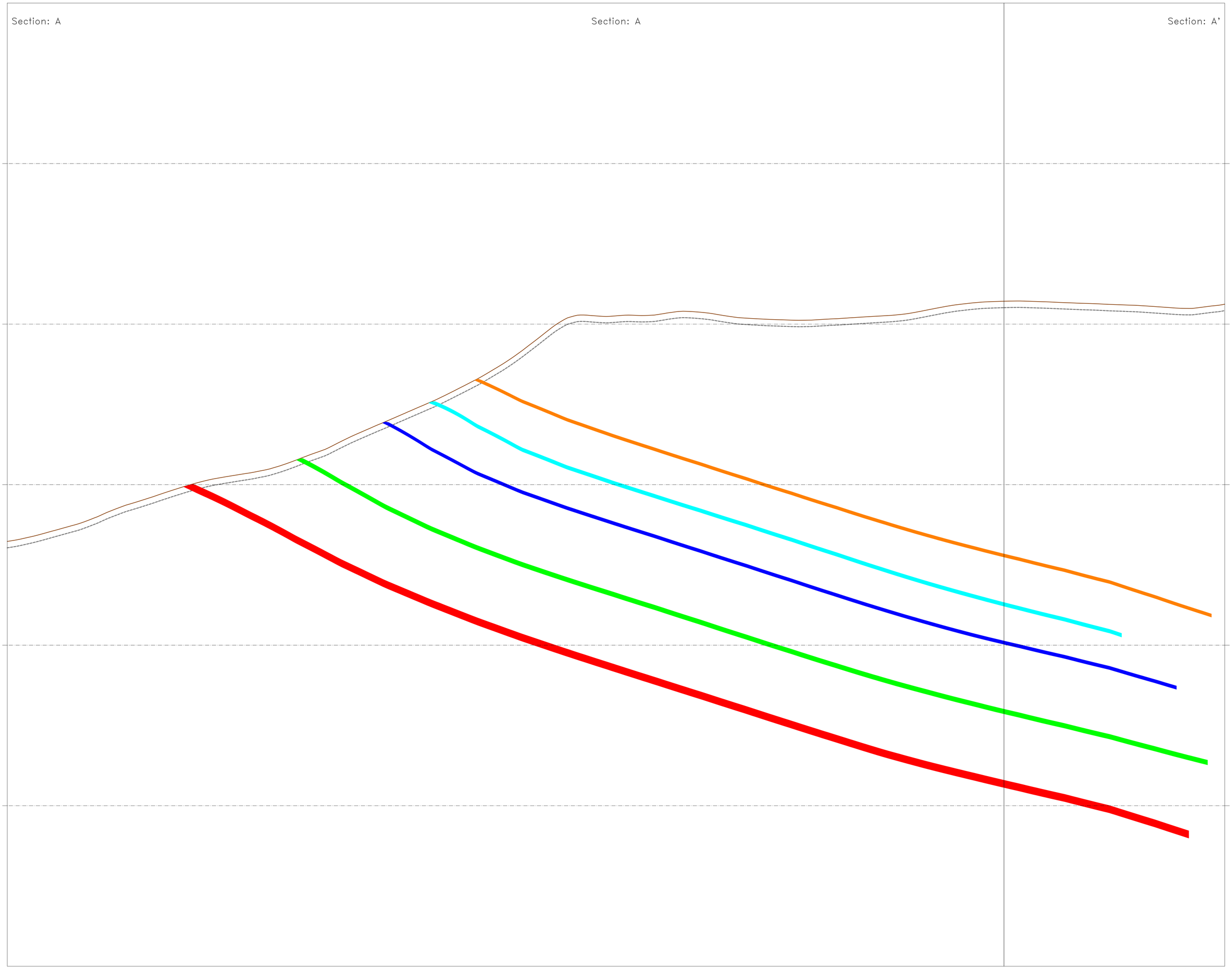
2250

2000

1750

1500

1250



655240 E
5465530 N
1000

656333 E
5466633 N
1000

656575 E
5466878 N
1000

25 0 0 25 50 75 100
1:2500

Legend

Topography
Base of Weathering
Faults

SM7
SM5/6
SM4
SM3
SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: A
Vert Exag: 1X

Drawn By: D. Kinnes
Filename:
Date : 01-Oct-15
Scale: 1:2500

Highland GeoComputing, LLC

655486 E
5465257 N
2500

656605 E
5466381 N
2500

656853 E
5466631 N
2500

Section: B

Section: B

Section: B'

2250

2000

1750

1500

1250

655486 E
5465257 N
1000

656605 E
5466381 N
1000

656853 E
5466631 N
1000

25 0 0 25 50 75 100
1:2500

Legend

- Topography
- Base of Weathering
- Faults
- SM7
- SM5/6
- SM4
- SM3
- SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: B
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date : 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

655741 E
5464994 N
2500

656872 E
5466132 N
2500

657101 E
5466362 N
2500

Section: C

Section: C

Section: C'

2250

2000

1750

1500

1250

655741 E
5464994 N
1000

656872 E
5466132 N
1000

657101 E
5466362 N
1000

25 0 25 50 75 100
1:2500

Legend

- Topography
- Base of Weathering
- Faults
- SM7
- SM5/6
- SM4
- SM3
- SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: C
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date : 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

656012 E
5464746 N
2500

657142 E
5465880 N
2500

657392 E
5466133 N
2500

Section: D

Section: D

Section: D'

2250

2000

1750

1500

1250

656012 E
5464746 N
1000

657142 E
5465880 N
1000

657392 E
5466133 N
1000

25 0 0 25 50 75 100
1:2500

Legend

Topography

Base of Weathering

Faults

SM7

SM5/6

SM4

SM3

SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: D
Vert Exag: 1X

Drawn By:	D. Kinnes	Filename:	
Date :	01-Oct-15	Scale:	1:2500

Highland GeoComputing, LLC

656291 E 656408 E
5464507 N 5464624 N
2500 2500

657409 E
5465630 N
2500

657663 E
5465886 N
2500

Section: E

Section: E

Section: E'

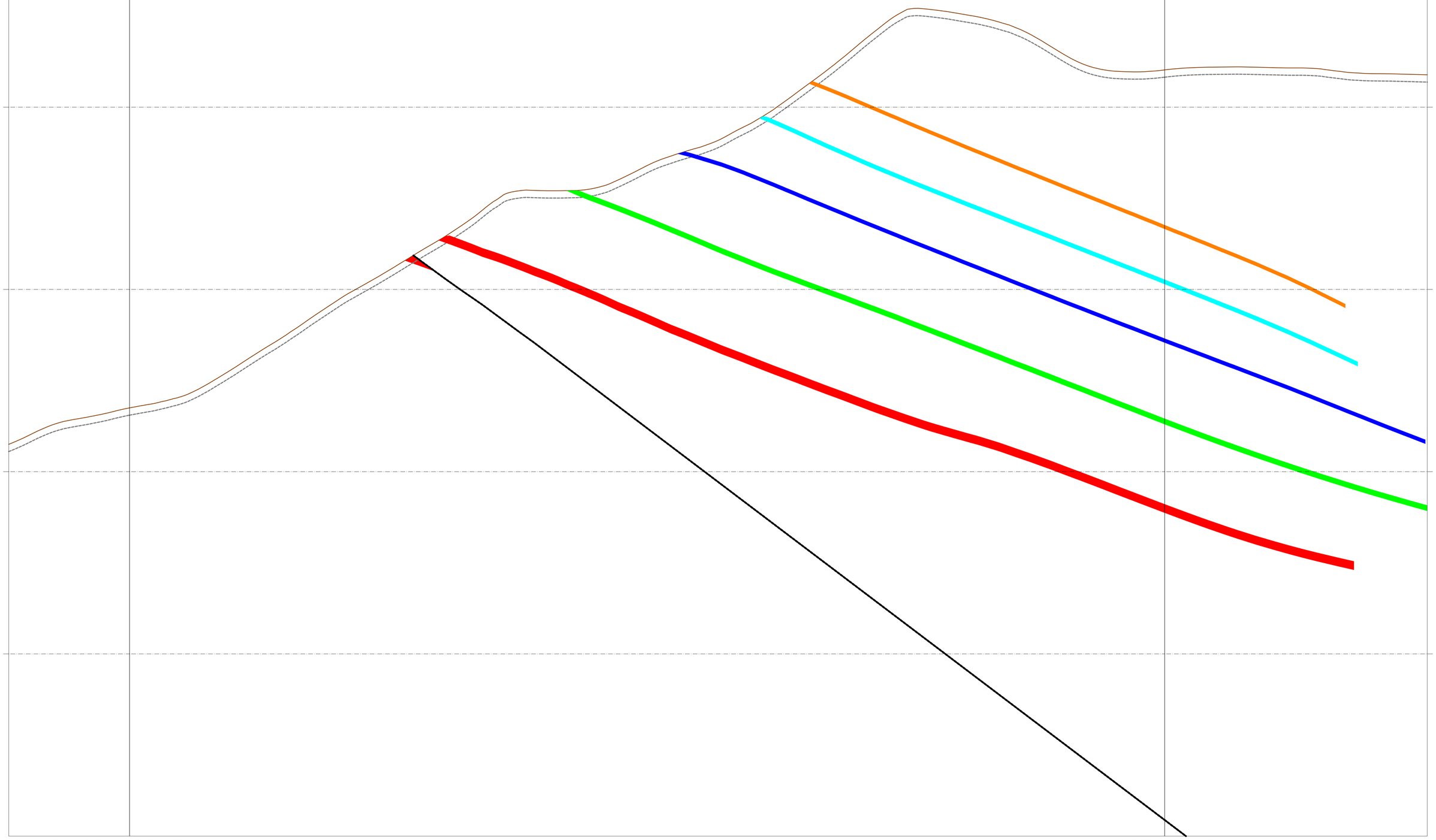
2250

2000

1750

1500

1250



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5464507 N 5464624 N
1000 1000

657409 E
5465630 N
1000

657663 E
5465886 N
1000

25 0 0 25 50 75 100
1:2500

Legend

Topography

Base of Weathering

Faults

SM7

SM5/6

SM4

SM3

SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: E
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date : 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

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5464245 N
2500

656862 E
5464566 N
2500

657679 E
5465382 N
2500

657926 E
5465629 N
2500

Section: F

Section: F

Section: F'

2250

2000

1750

1500

1250

656545 E
5464245 N
1000

656862 E
5464566 N
1000

657679 E
5465382 N
1000

657926 E
5465629 N
1000

25 0 0 25 50 75 100
1:2500

Legend

Topography

Base of Weathering

Faults

SM7

SM5/6

SM4

SM3

SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: F
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date : 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

656836 E
5464011 N
2500

657134 E
5464315 N
2500

657948 E
5465132 N
2500

658199 E
5465386 N
2500

Section: G

Section: G

Section: G'

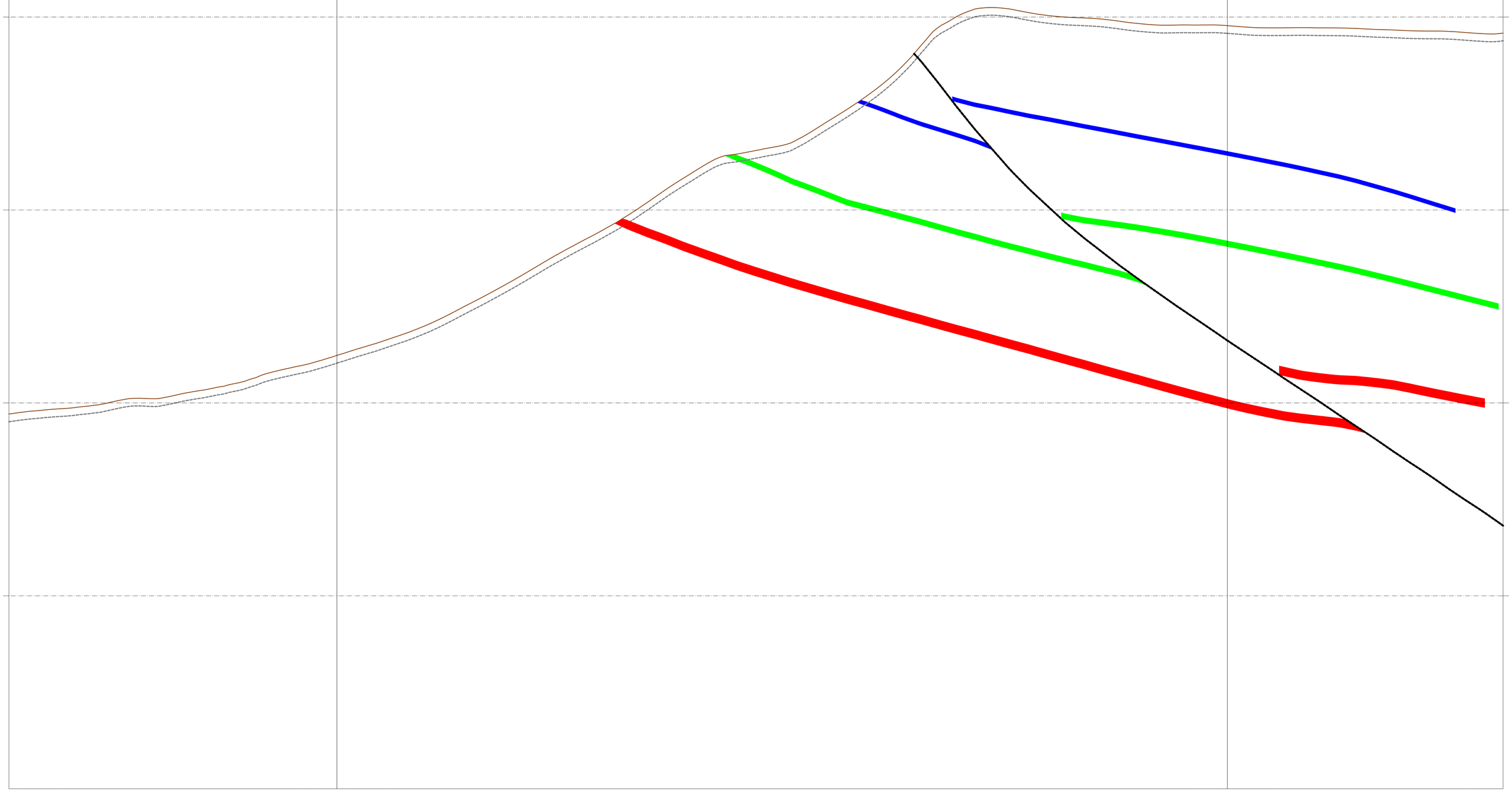
2250

2000

1750

1500

1250



656836 E
5464011 N
1000

657134 E
5464315 N
1000

657948 E
5465132 N
1000

658199 E
5465386 N
1000

25 0 0 25 50 75 100
1:2500

Legend

Topography

Base of Weathering

Faults

SM7

SM5/6

SM4

SM3

SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: G
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date : 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

657066 E
5463722 N
2500

657401 E
5464063 N
2500

658217 E
5464887 N
2500

658461 E
5465127 N
2500

Section: H

Section: H

Section: H'

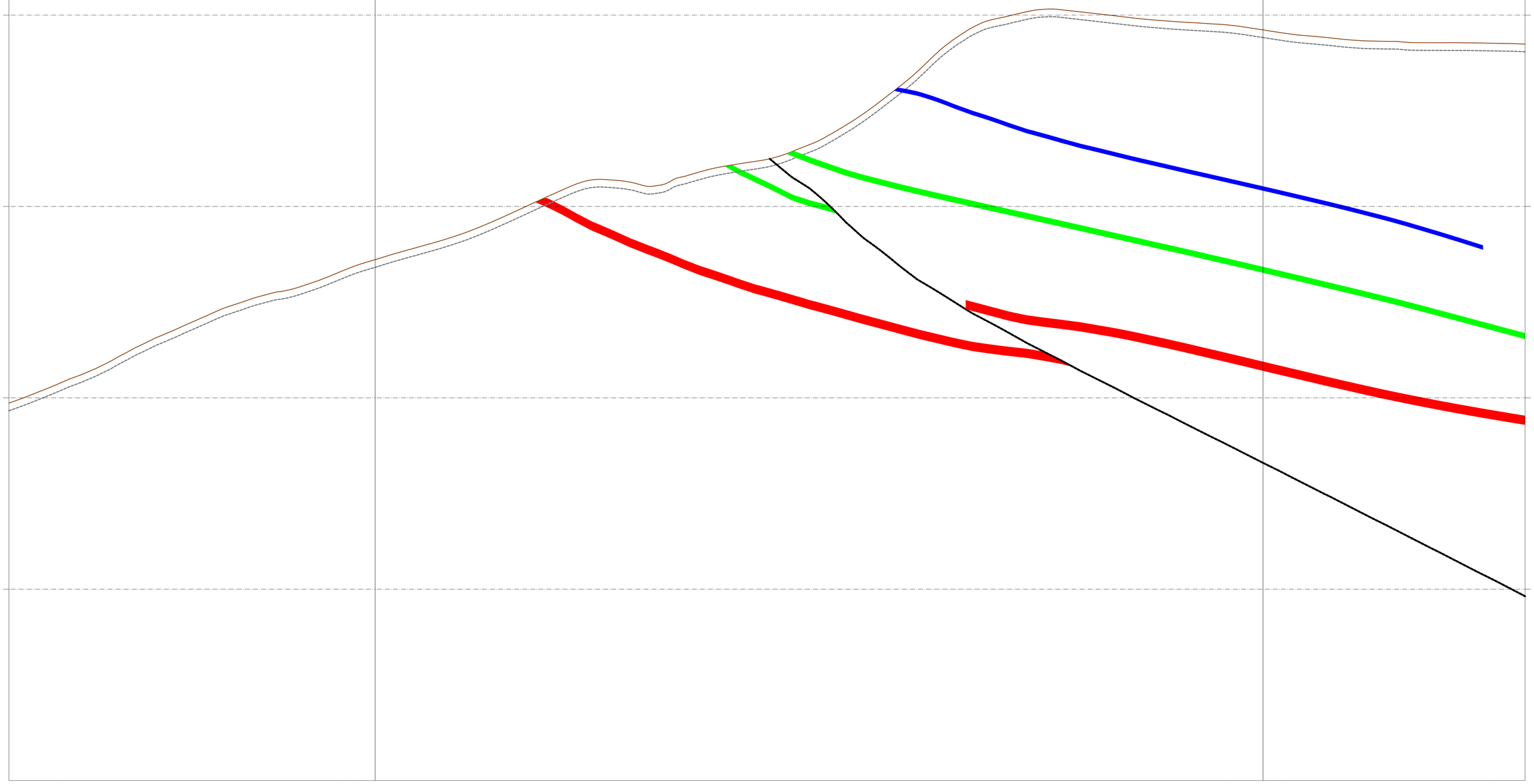
2250

2000

1750

1500

1250



657066 E
5463722 N
1000

657401 E
5464063 N
1000

658217 E
5464887 N
1000

658461 E
5465127 N
1000

25 0 0 25 50 75 100
1:2500

Legend

Topography

Base of Weathering

Faults

SM7

SM5/6

SM4

SM3

SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: H
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date : 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

657333 E
5463468 N
2500

657671 E
5463813 N
2500

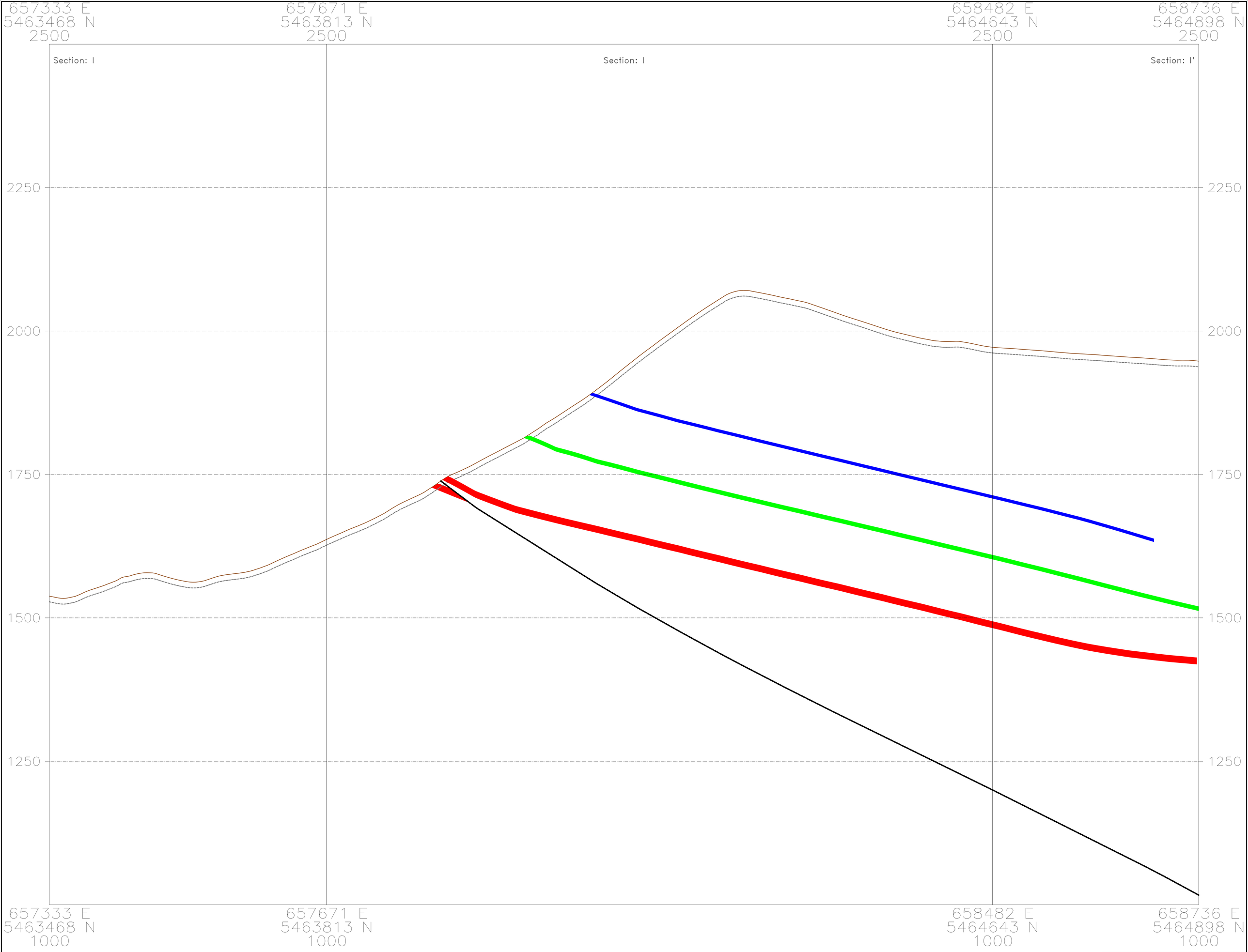
658482 E
5464643 N
2500

658736 E
5464898 N
2500

Section: I

Section: I

Section: I'



657333 E
5463468 N
1000

657671 E
5463813 N
1000

658482 E
5464643 N
1000

658736 E
5464898 N
1000

25 0 0 25 50 75 100
1:2500

Legend

Topography
Base of Weathering
Faults

SM7
SM5/6
SM4
SM3
SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: I
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date : 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

657596 E
5463217 N
2500

657937 E
5463563 N
2500

658754 E
5464392 N
2500

658997 E
5464645 N
2500

Section: J

Section: J

Section: J'

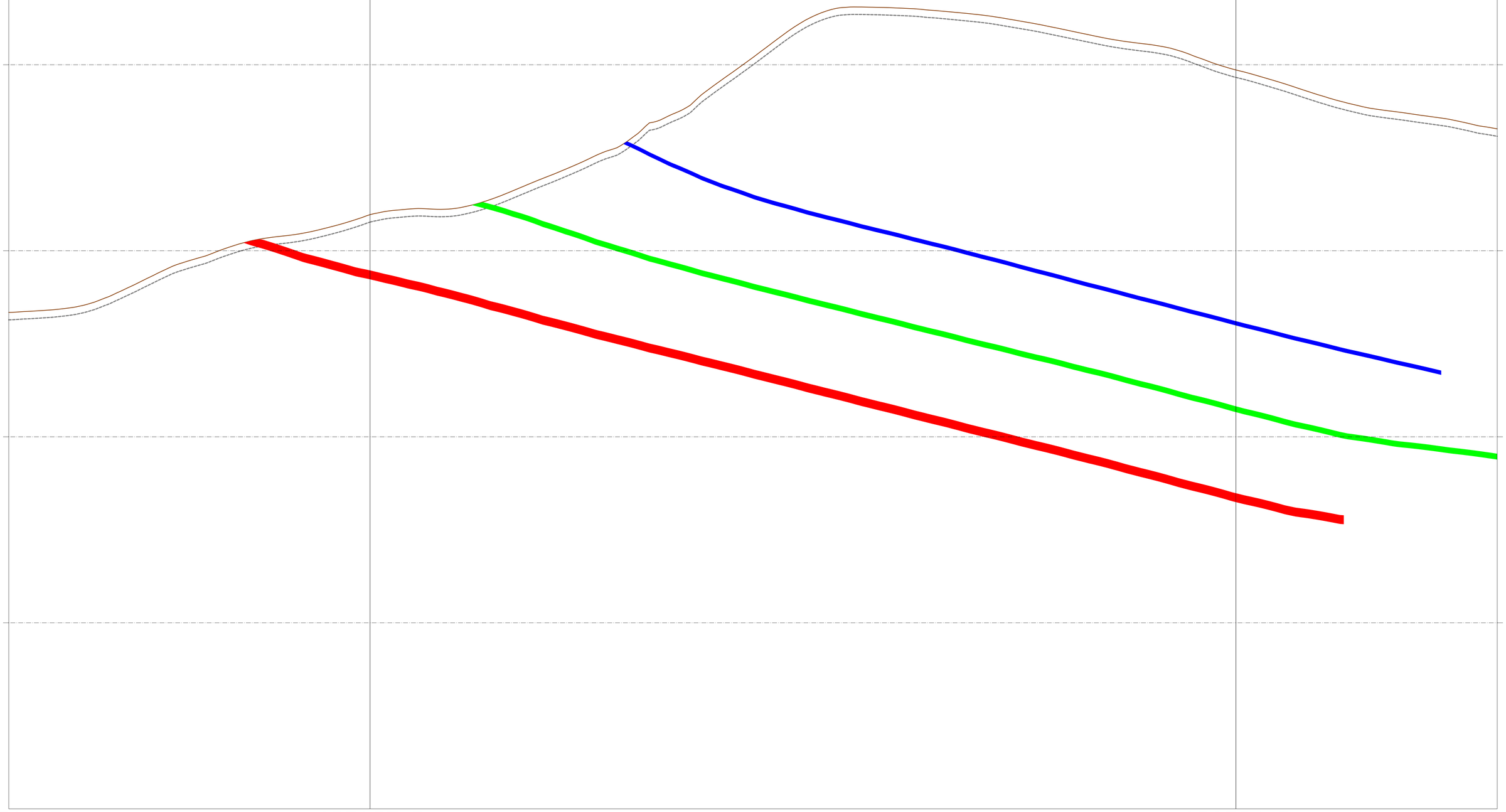
2250

2000

1750

1500

1250



657596 E
5463217 N
1000

657937 E
5463563 N
1000

658754 E
5464392 N
1000

658997 E
5464645 N
1000

25 0 25 50 75 100

1:2500

Legend

Topography

Base of Weathering

Faults

SM7

SM5/6

SM4

SM3

SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: J
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date : 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

657863 E
5462967 N
2500

658207 E
5463313 N
2500

659023 E
5464143 N
2500

659270 E
5464395 N
2500

Section: K

Section: K

Section: K'

2250

2000

1750

1500

1250

657863 E
5462967 N
1000

658207 E
5463313 N
1000

659023 E
5464143 N
1000

659270 E
5464395 N
1000

25 0 0 25 50 75 100
1:2500

Legend

- Topography
- Base of Weathering
- Faults

- SM7
- SM5/6
- SM4
- SM3
- SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: K
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date : 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

658135 E
5462714 N
2500

658477 E
5463070 N
2500

659294 E
5463890 N
2500

659386 E
5463986 N
2500

Section: L

Section: L

Section: L'

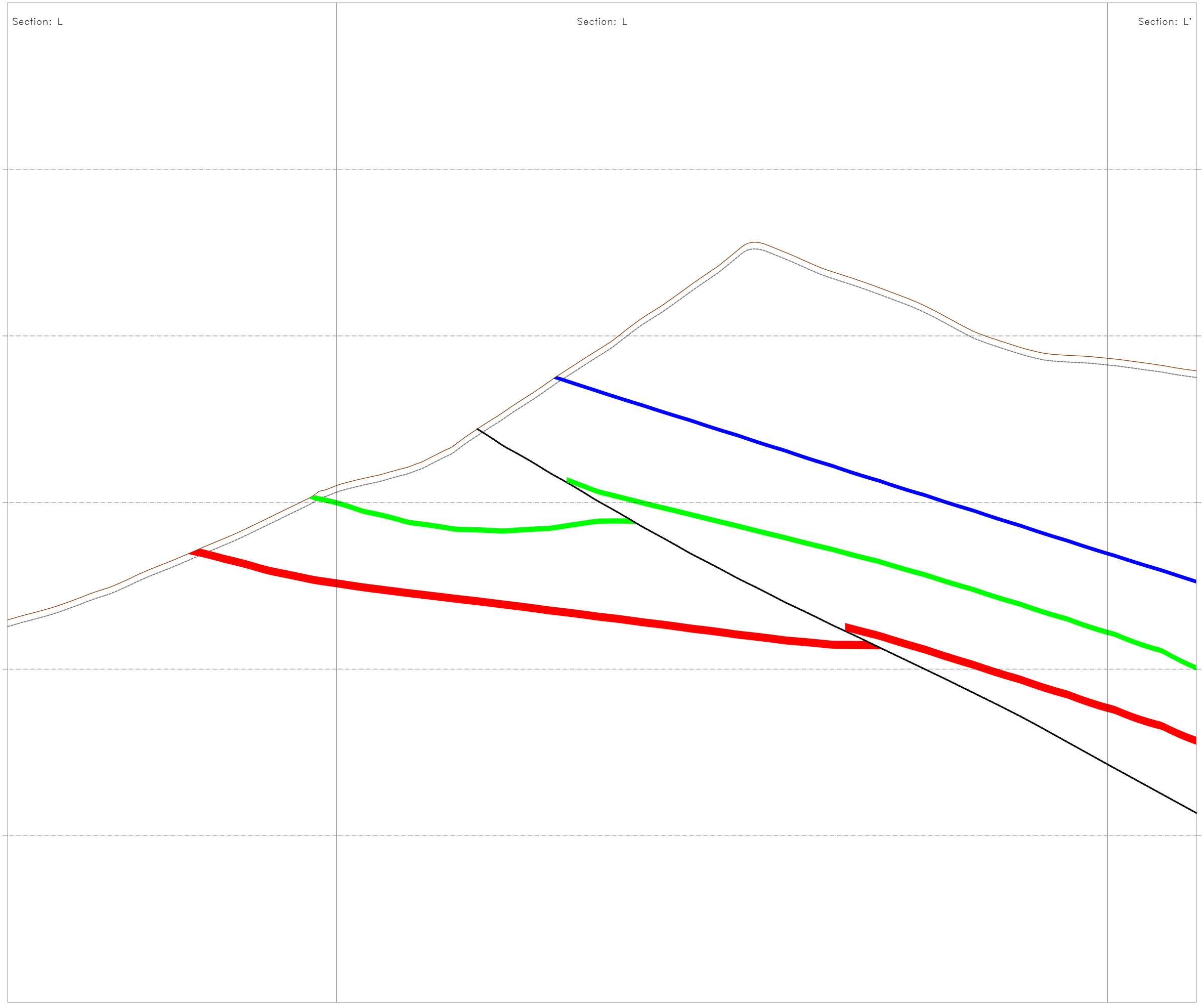
2250

2000

1750

1500

1250



658135 E
5462714 N
1000

658477 E
5463070 N
1000

659294 E
5463890 N
1000

659386 E
5463986 N
1000

25 0 0 25 50 75 100
1:2500

Legend

- Topography
- Base of Weathering
- Faults

- SM7
- SM5/6
- SM4
- SM3
- SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: L
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date : 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

658300 E
5462360 N
2500

658746 E
5462822 N
2500

659380 E
5463480 N
2500

Section: M

Section: M

Section: M'

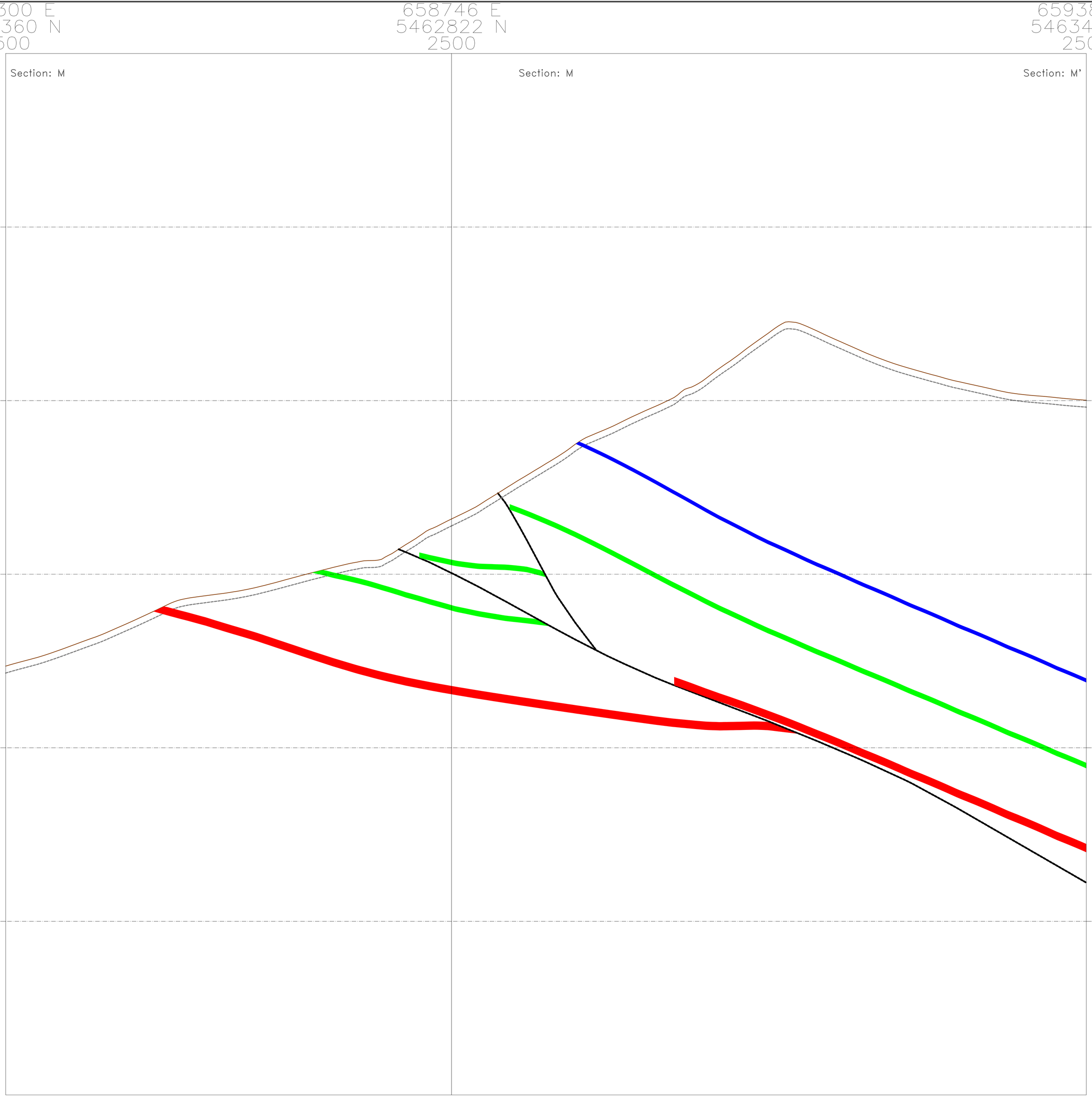
2250

2000

1750

1500

1250



658300 E
5462360 N
1000

658746 E
5462822 N
1000

659380 E
5463480 N
1000

25 13 0 25 50 75 100

1:2500

Legend

- Topography
- Base of Weathering
- Faults

- SM7
- SM5/6
- SM4
- SM3
- SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: M
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date : 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

658573 E
5462116 N
2500

659015 E
5462572 N
2500

659369 E
5462938 N
2500

Section: N

Section: N

Section: N’

2250

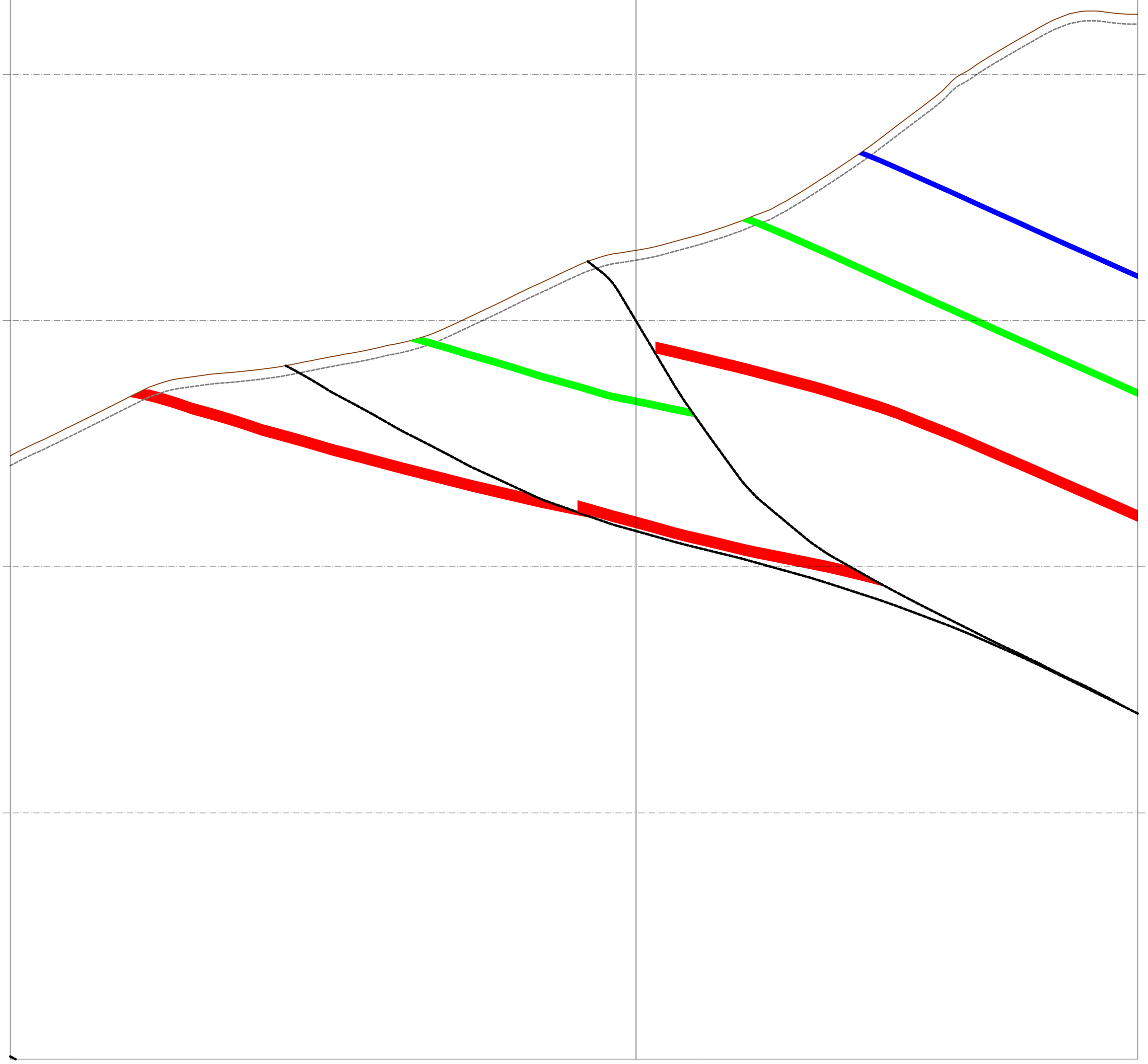
2000

1750

1500

1250

1000



658573 E
5462116 N
1000

659015 E
5462572 N
1000

659369 E
5462938 N
1000

25 13 0 25 50 75 100

1:2500

Legend

TOPO Topography

OX1 Base of Weathering

Faults

SM7

SM5/6

SM4

SM3

SM1

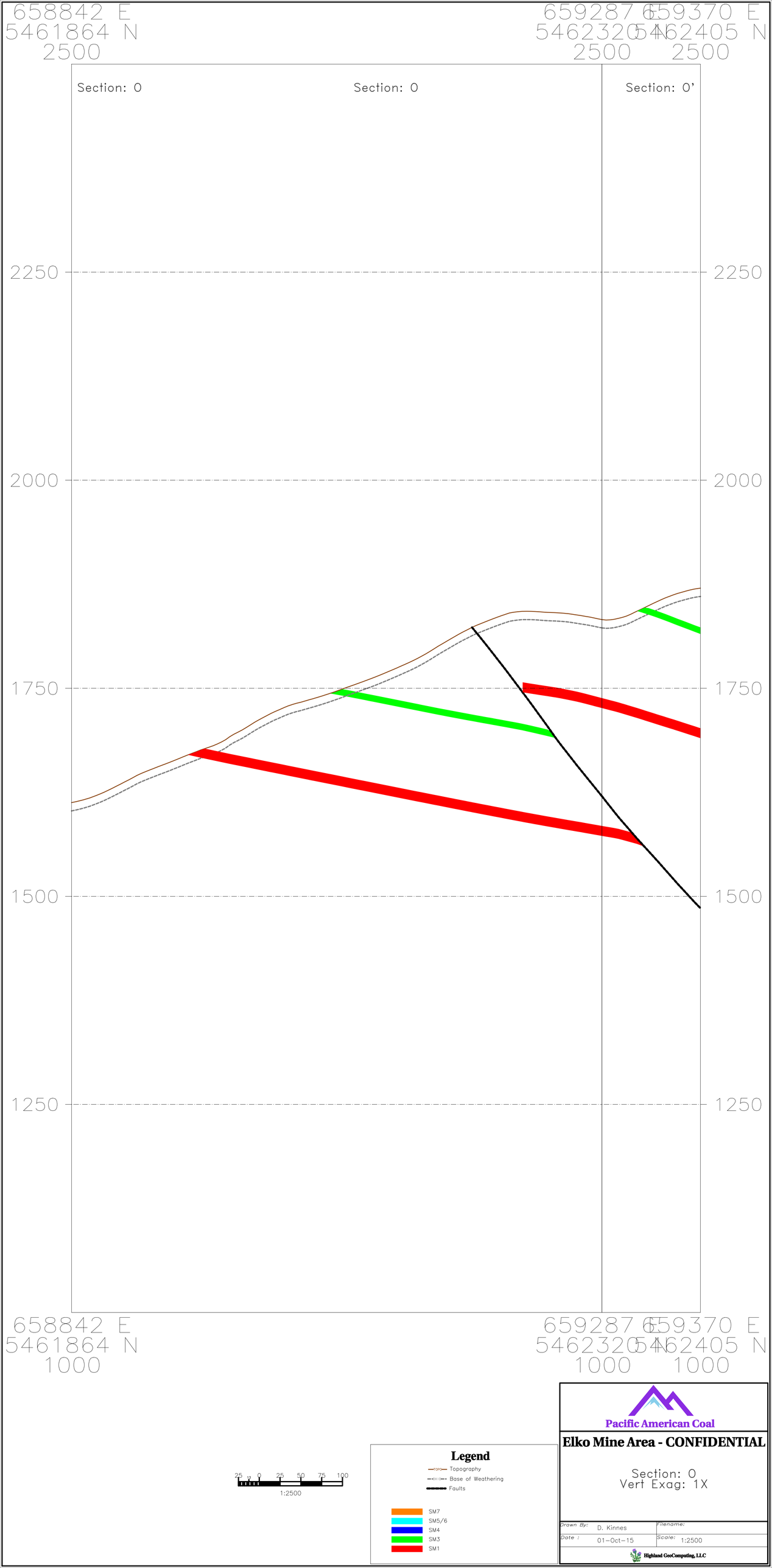
Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: N
Vert Exag: 1X

Drawn By:	D. Kinnes	Filename:	
Date :	01-Oct-15	Scale:	1:2500

Highland GeoComputing, LLC


658842 E
5461864 N
2500
659287 E
5462320 N
2500
659370 E
5462405 N
2500
Section: 0
Section: 0
Section: 0'
2250
2000
1750
1500
1250
658842 E
5461864 N
1000
659287 E
5462320 N
1000
659370 E
5462405 N
1000
25 0 25 50 75 100
1:2500
Legend
Topography
Base of Weathering
Faults
SM7
SM5/6
SM4
SM3
SM1
Pacific American Coal
Elko Mine Area - CONFIDENTIAL
Section: 0
Vert Exag: 1X
Drawn By: D. Kinnes
Filename:
Date : 01-Oct-15
Scale: 1:2500
Highland GeoComputing, LLC

659647 E
5461750 N
2500

659567 E
5463734 N
2500

Section: AA

Section: AA

Section: AA'

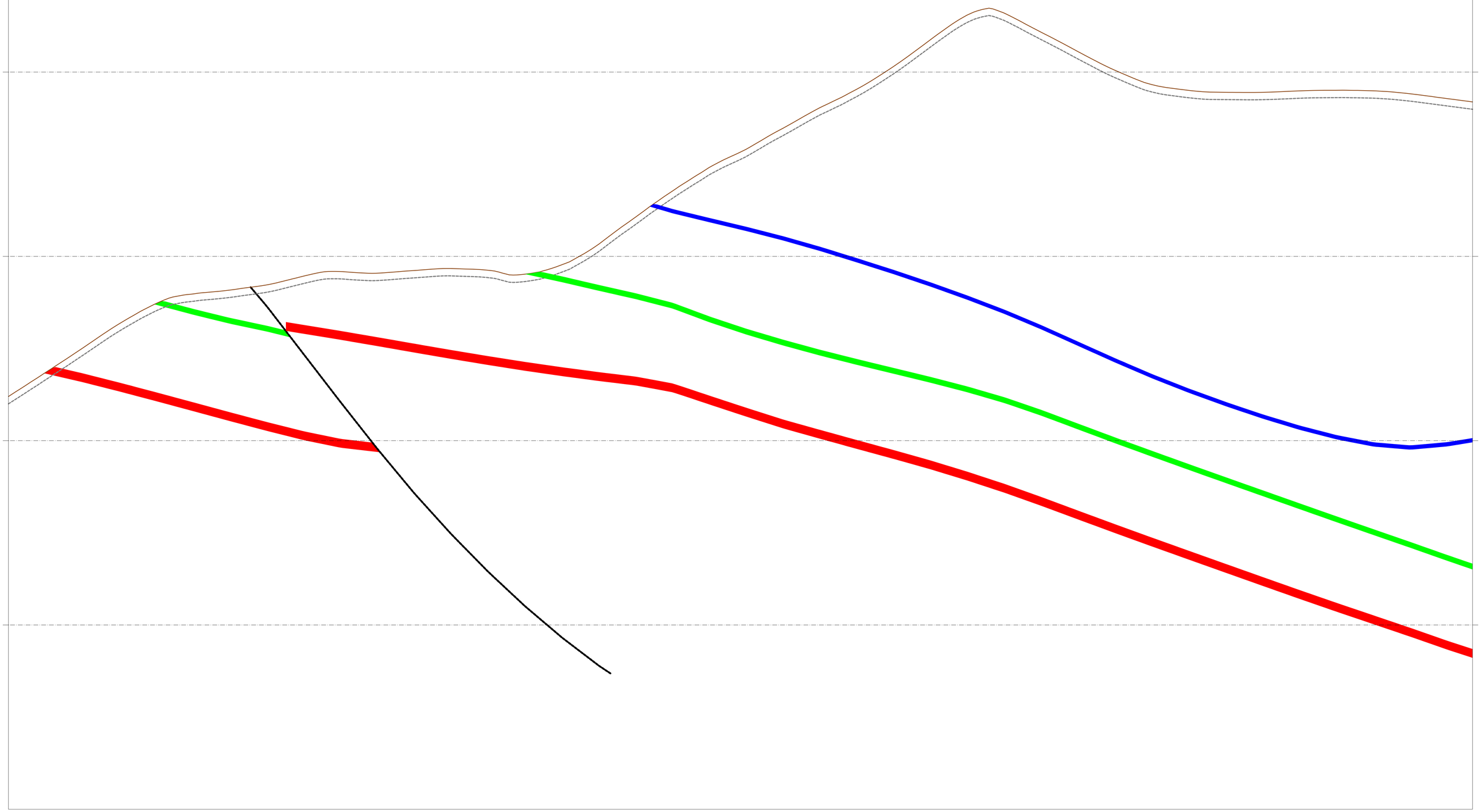
2250

2000

1750

1500

1250



659647 E
5461750 N
1000

659567 E
5463734 N
1000

25 N 0 25 50 75 100

1:2500

Legend

Topography

Base of Weathering

Faults

SM7

SM5/6

SM4

SM3

SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: AA
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date : 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

660000 E
5461844 N
2500

659929 E
5463596 N
2500

Section: BB

Section: BB

Section: BB'

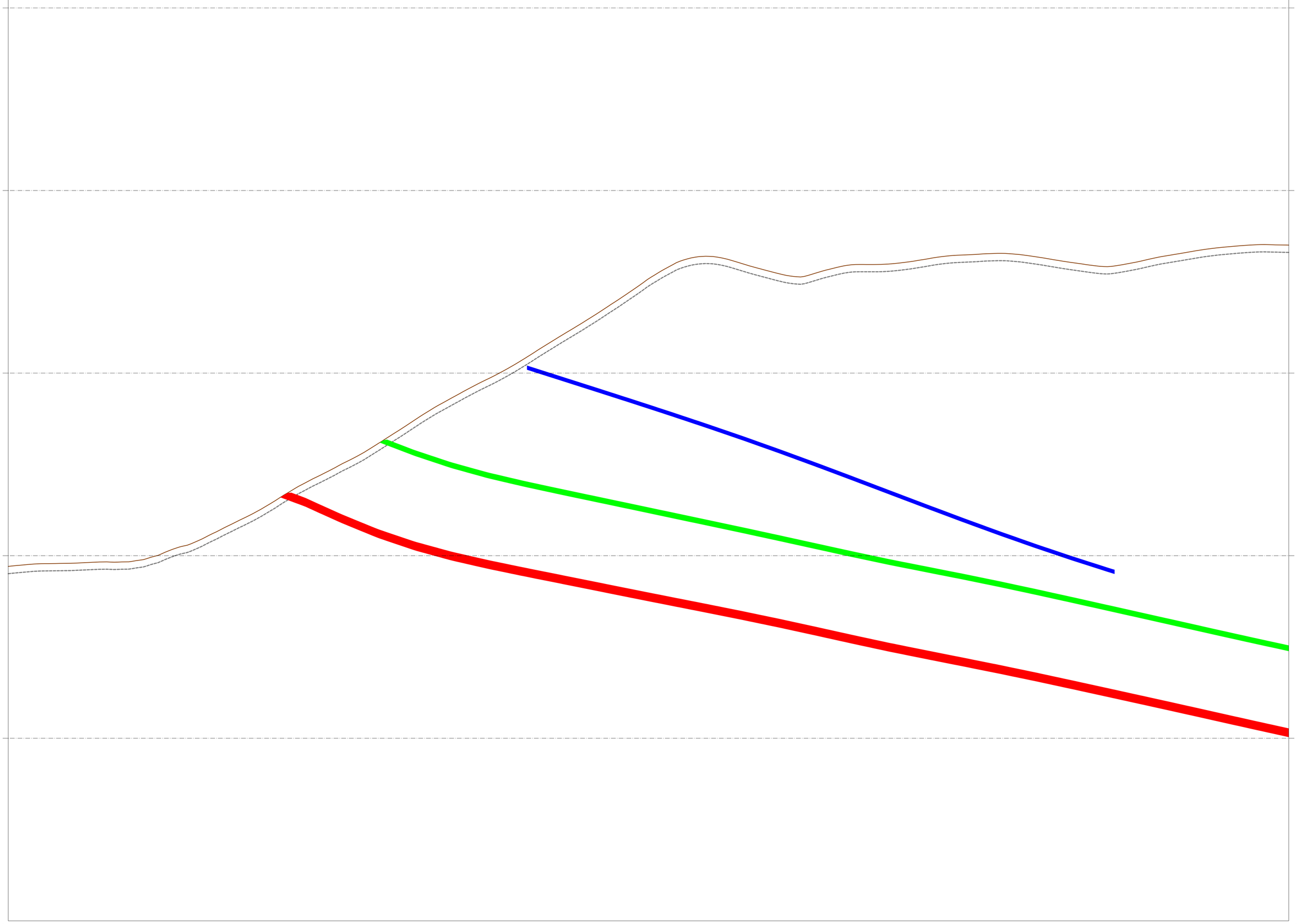
2250

2000

1750

1500

1250



660000 E
5461844 N
1000

659929 E
5463596 N
1000

25 0 0 25 50 75 100
1:2500

Legend

- Topography
- Base of Weathering
- Faults

- SM7
- SM5/6
- SM4
- SM3
- SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: BB
Vert Exag: 1X

Drawn By:	D. Kinnes	Filename:	
Date :	01-Oct-15	Scale:	1:2500

Highland GeoComputing, LLC

660350 E
5461865 N
2500

660279 E
5463611 N
2500

Section: CC

Section: CC

Section: CC'

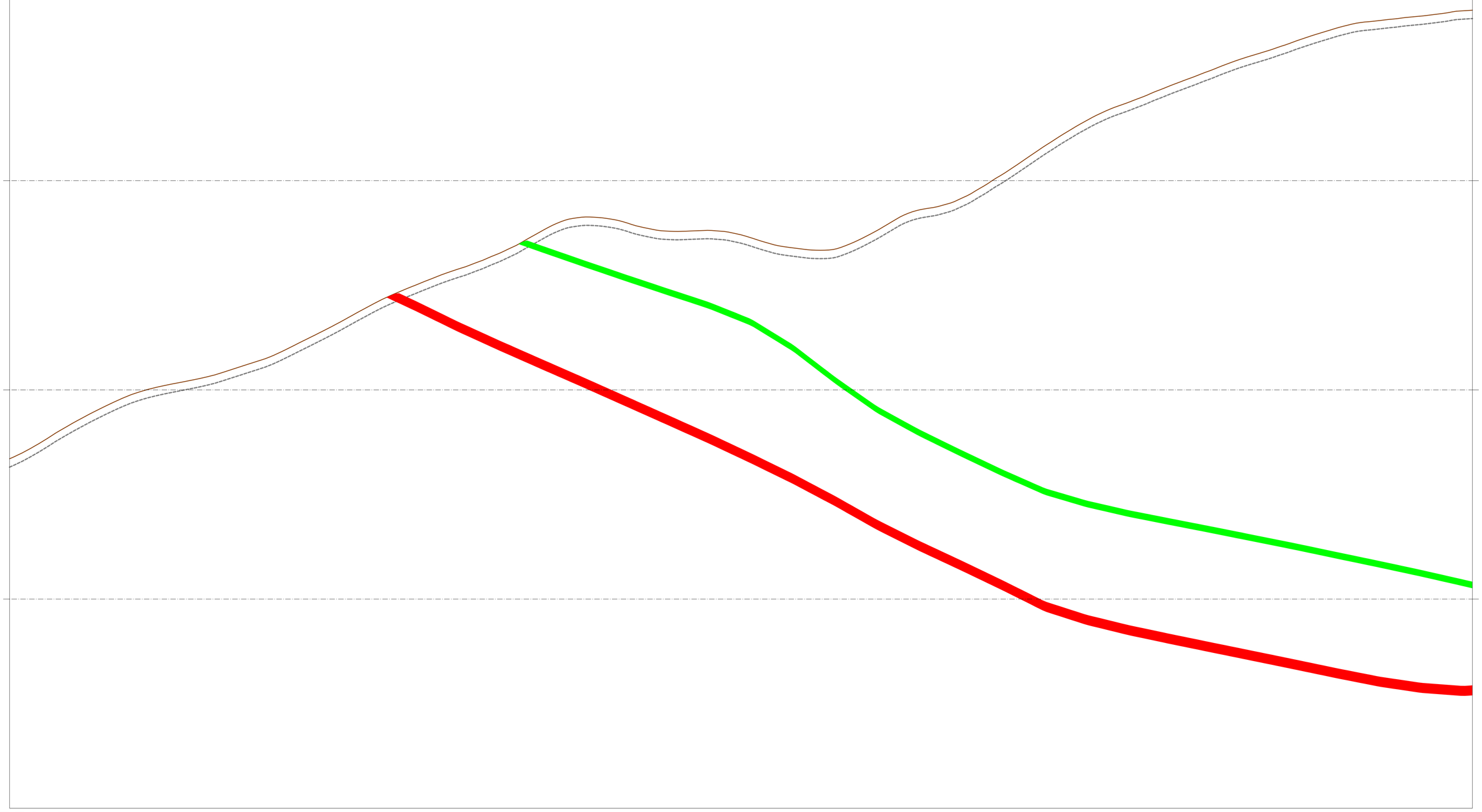
2250

2000

1750

1500

1250



660350 E
5461865 N
1000

660279 E
5463611 N
1000

25 0 0 25 50 75 100
1:2500

Legend

- Topography
- Base of Weathering
- Faults
- SM7
- SM5/6
- SM4
- SM3
- SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: CC
Vert Exag: 1X

Drawn By:	D. Kinnes	Filename:	
Date :	01-Oct-15	Scale:	1:2500

Highland GeoComputing, LLC

660705 E
5461878 N
2500

Section: DD

Section: DD

Section: DD'

660603 E
5464438 N
2500

2250

2000

1750

1500

1250

660705 E
5461878 N
1000

660603 E
5464438 N
1000

25 0 25 50 75 100
1:2500

Legend

- Topography
- Base of Weathering
- Faults
- SM7
- SM5/6
- SM4
- SM3
- SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: DD
Vert Exag: 1X

Drawn By:	D. Kinnes	Filename:	
Date :	01-Oct-15	Scale:	1:2500

Highland GeoComputing, LLC

661056 E
5461898 N
2500

660953 E
5464487 N
2500

Section: EE

Section: EE

Section: EE'

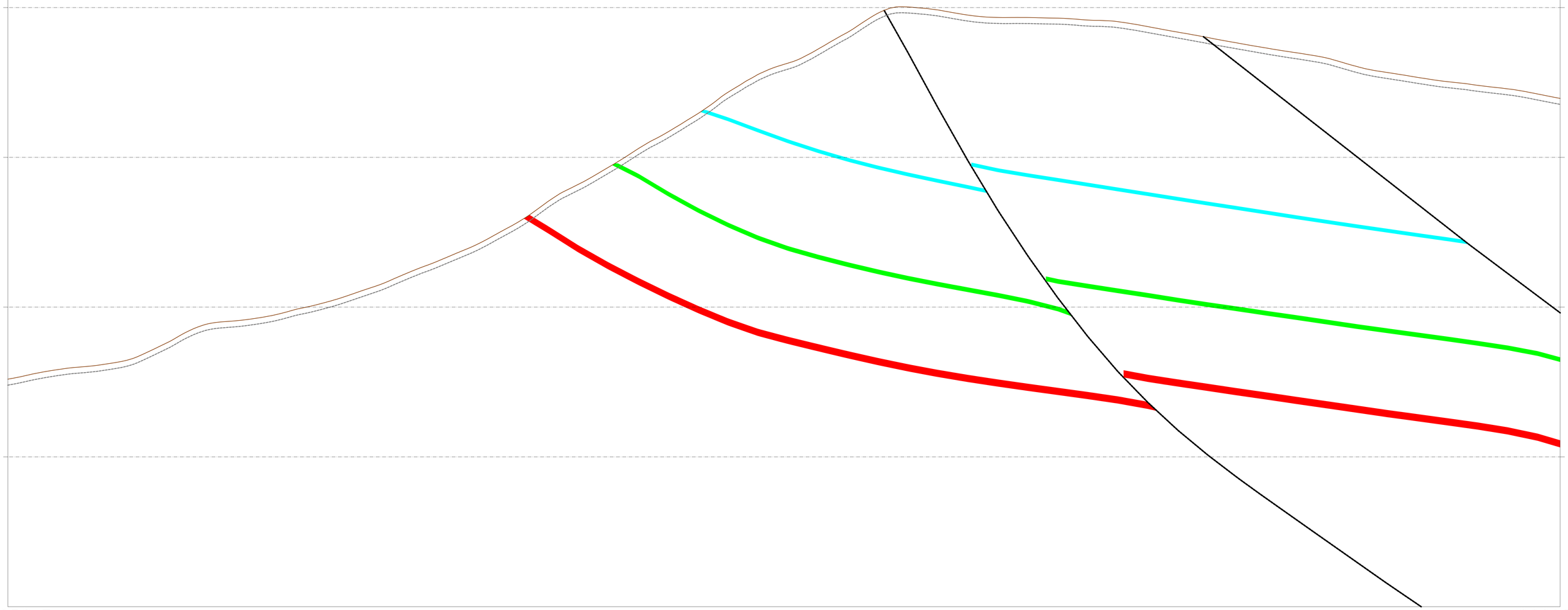
2250

2000

1750

1500

1250



661056 E
5461898 N
1000

660953 E
5464487 N
1000

25 0 0 25 50 75 100
1:2500

Legend

- Topography
- Base of Weathering
- Faults
- SM7
- SM5/6
- SM4
- SM3
- SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: EE
Vert Exag: 1X

Drawn By: D. Kinnes	Y Exaggeration:
Date : 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

661409 E
5461912 N
2500

Section: FF

Section: FF

Section: FF'

661312 E
5464498 N
2500

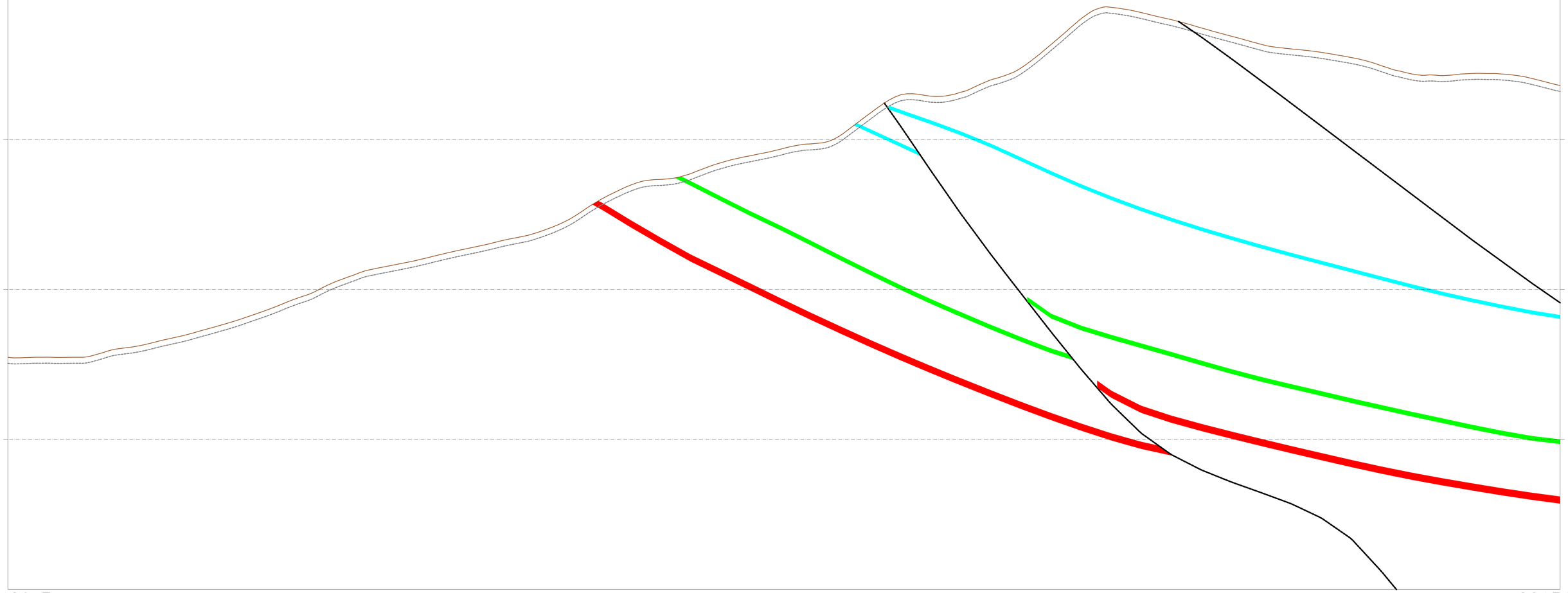
2250

2000

1750

1500

1250



661409 E
5461912 N
1000

661312 E
5464498 N
1000

25 0 0 25 50 75 100
1:2500

Legend

Topography
Base of Weathering
Faults

SM7
SM5/6
SM4
SM3
SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: FF
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date: 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

661761 E
5461931 N
2500

Section: GG

Section: GG

Section: GG'

661667 E
5464504 N
2500

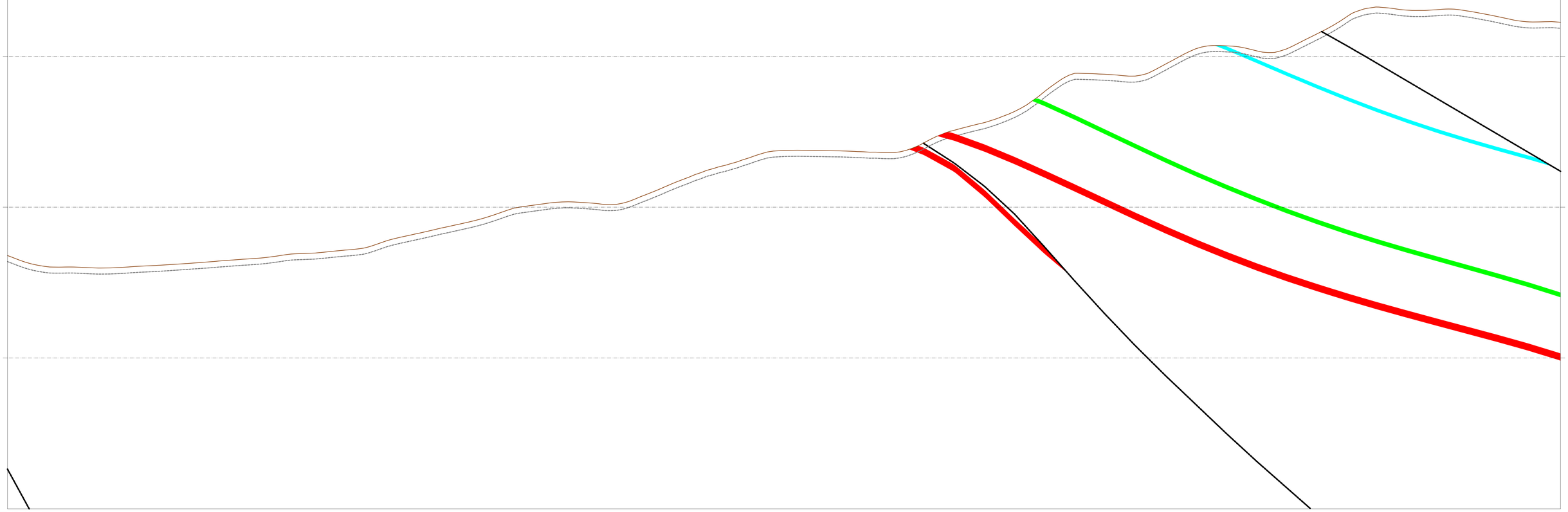
2250

2000

1750

1500

1250



661761 E
5461931 N
1000

661667 E
5464504 N
1000

20 0 25 50 75 100
1:2500

Legend

Topography
Base of Weathering
Faults

SM7
SM5/6
SM4
SM3
SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: GG
Vert Exag: 1X

Drawn By: D. Kinnes	Filename:
Date: 01-Oct-15	Scale: 1:2500

Highland GeoComputing, LLC

662117 E
5461940 N
2500

Section: HH

Section: HH

Section: HH'

662016 E
5464566 N
2500

2250

2000

1750

1500

1250

662117 E
5461940 N
1000

662016 E
5464566 N
1000

25 0 0 25 50 75 100
1:2500

Legend

- Topography
- Base of Weathering
- Faults
- SM7
- SM5/6
- SM4
- SM3
- SM1

Pacific American Coal

Elko Mine Area - CONFIDENTIAL

Section: HH
Vert Exag: 1X

Drawn By:	D. Kinnes	Filename:	
Date:	01-Oct-15	Scale:	1:2500

Highland GeoComputing, LLC