

**BC Geological Survey
Coal Assessment Report
994**



COAL ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Line Creek Operations 2014 Exploration Report

TOTAL COST: \$756,000.00

AUTHOR(S): Torin Olver
SIGNATURE(S): Torin Olver

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

Mine Permit C-129

NOW tracking number 100105006

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

YEAR OF WORK: 2014

PROJECT NAME: Line Creek Operations 2014 Exploration

COAL LICENSE(S) AND/OR LEASES ON WHICH PHYSICAL WORK WAS DONE:

District Lot 4588, Lot #1

Coal Lease #389284

COAL LICENSE(S) IN PROJECT AREA ON WHICH NO PHYSICAL WORK WAS DONE OVER THE CURRENT REPORTING PERIOD:

Coal Lease #418131, #389291

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

MINING DIVISION: Fort Steele

NTS / BCGS: 82G15K 082G15J

LATITUDE: 49° 57' " N

LONGITUDE: 114° 45' " W (at centre of work)

UTM Zone: 11 EASTING: 661278 NORTHING: 5536254

OWNER(S): Teck Coal Limited

MAILING ADDRESS:

Line Creek Operations

PO BOX 2003

Sparwood, BC

V0B 2G0

OPERATOR(S) [who paid for the work]:

Teck Coal Limited

MAILING ADDRESS:

Same as above.

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

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

WORK PROPOSED OVER THE NEXT YEAR (SPECIFY WHICH TENURE BLOCKS WILL SEE PHYSICAL WORK, IF KNOWN):

RATIONALE FOR NEXT YEAR'S PROGRAM

SUMMARY OF TYPES OF WORK IN THIS REPORT		EXTENT OF WORK (in metric units)	ON WHICH TENURES
GEOLOGICAL (scale, area)			
	Ground, mapping		
	Photo interpretation		
GEOPHYSICAL (line-kilometres)			
	Ground (Specify types)		
	Airborne (Specify types)		
	Borehole	15 holes logged	District Lot 4588, Lot #1 and Coal Lease #389284
	Gamma, Resistivity, Density	2,899.2 m	District Lot 4588, Lot #1 and Coal Lease #389284
	Neutron	3,175.55 m	District Lot 4588, Lot #1 and Coal Lease #389284
	Caliper	2,899.2 m	District Lot 4588, Lot #1 and Coal Lease #389284
	Deviation	3,107.5 m	District Lot 4588, Lot #1 and Coal Lease #389284
	Dip	3,107.5 m	District Lot 4588, Lot #1 and Coal Lease #389284
	Others (specify)		District Lot 4588, Lot #1 and Coal Lease #389284
	Core / HQ3	1,203.2 m	District Lot 4588, Lot #1
	Non-core / RC	2,011.1 m	District Lot 4588, Lot #1 and Coal Lease #389284
SAMPLING AND ANALYSES			
Total Number of Samples			
109	Proximate		District Lot 4588, Lot #1 and Coal Lease #389284
65	Mineral Ash Analysis		District Lot 4588, Lot #1 and Coal Lease #389284
62	Petrographic		District Lot 4588, Lot #1 and Coal Lease #389284
59	Rheological		District Lot 4588, Lot #1 and Coal Lease #389284
N/A	Carbonization		
N/A	Washability		
PROSPECTING (scale/area)			
PREPARATORY/PHYSICAL			
Line/grid (km)		480 m of trail constructed	District Lot 4588, Lot #1
Trench (number, metres)			
Bulk sample(s)			

A portion of Section 3, all of Section 5, and Appendix C 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

Line Creek Operations

Summary Report

2014 Exploration Program

Table of Contents

1. General Geography and History	4
2. Geology	5
i) Stratigraphy	5
ii) Structure.....	6
3. 2014 Exploration Program	7
i) Objective.....	7
ii) Summary of Work done	7
iii) Results	8
4. Conclusion	9
5. Reserve and Resource Statement	9

List of Tables

Table 1 – Line Creek Operations Tenures	
Table 2 – Line Creek Operations Stratigraphy	
Table 3 – Location of Drillholes	
Table 4 – Line Creek Operations Reserves	
Table 5 – Line Creek Operations Resources	

List of Figures

Figure 1 – Line Creek Operations Location Map 2014	
Figure 2 – Line Creek Operations Property Lease Map 2014.....	
Figure 3 – Line Creek Operations Geology Map.....	
Figure 4 – Line Creek Operations Collar Location Map 2014.....	

List of Appendices

Appendix A – Hole Collar Survey

Appendix B - Drillhole Logs

Appendix C – Assay Data

Appendix D – Cross Sections

Appendix E – Geological Logs

Statements of Author's Academic and Professional Qualifications

CERTIFICATE OF QUALIFIED PERSON

Name: Torin Olver, P.Geol.

Company: Teck Coal Limited

Address: Line Creek Operations
P.O. Box 2003
15km North, Hwy 43
Sparwood, BC
V0B 2G0

I, Torin Olver, P.Geol., am employed as a Geologist, at Line Creek Operations. This certificate applies to the report titled "Line Creek Operations, Summary Report, 2014 Exploration Program". I graduated from the University of Alberta with a Bachelor of Science Degree specializing in Geology, 2007. I am a member of the Association of Professional Engineers and Geoscientists of Alberta (# 92285). From 2007 to 2010, I worked for Peace River Coal Inc. on the Roman Mountain and Horizon projects and various green field and brown field projects including the Trend Mine in Tumbler Ridge, BC. From 2010 to the present I have worked at Line Creek Operations for Teck Coal Limited in various mining and exploration roles. As a result of my experience and qualifications, I am a Qualified Person as defined in National Instrument 43-101 Standards of Disclosure for Mineral Projects (NI 43-101).

Torin Olver, P.Geol.

1. General Geography and History

Line Creek Coal property is located approximately 25 km north east of Sparwood. It is accessed by driving 15 km north on highway 43, then 15 km east on the Line Creek Mine access road.

Burnt Ridge Extension is located in the Fording River Valley and is flanked by Grace Creek to the west, Dry Creek to the east and the existing Burnt Ridge South open pit mining operation. The ridge has been explored for coal resources since the late 1960's. Early exploration included drilling, adits were driven into coal seams for bulk sampling, three test pits were constructed for bulk samples and surface exposures were mapped. North Line Creek Extension is located south of the existing Burnt Ridge South open pit mining operation and is an extension of the previously mined North Line Creek open pit mining operation.

The active mining areas at Line Creek Operations are in Coal Lease # 389284, 389291, and 418131. Also in the active mining areas of Line Creek Operations are Coal Licenses # 336958, 336959, 336960, and Freehold land district lot 4588, Lot #1, District Lot 7989 and District Lot 4588. These holdings cover approximately 4819 hectares of land and are summarized in Table 1 – Line Creek Operations Tenures.

Reference:

- i) Figure 1 - Line Creek Operations Location Map 2014.pdf
- ii) Figure 2 - Line Creek Operations Property Lease Map 2014.pdf

Table 1 - Line Creek Operations Tenures

Code	Parties	Jurisdiction	Type	Status	Grant Date	Official Area Value	Official Area Unit	Project
327719	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	10/28/1986	130	Ha	Line Creek Operation, BC
327810	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
327811	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	130	Ha	Line Creek Operation, BC
327978	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
327990	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
327991	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
327992	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
327993	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
327995	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
327996	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
327997	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
327998	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
327999	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
328000	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
328001	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	65	Ha	Line Creek Operation, BC
328002	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
328003	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
328004	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
328005	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
328006	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	130	Ha	Line Creek Operation, BC
328007	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	130	Ha	Line Creek Operation, BC
328012	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	10/16/1986	130	Ha	Line Creek Operation, BC
328013	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	10/16/1986	130	Ha	Line Creek Operation, BC
328014	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	10/16/1986	130	Ha	Line Creek Operation, BC
328674	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	3/13/1986	259	Ha	Line Creek Operation, BC
336958	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	6/15/1995	259	Ha	Line Creek Operation, BC
336959	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	6/15/1995	182	Ha	Line Creek Operation, BC
336960	TECK COAL LIMITED (100.0000%)	British Columbia	CU (BC)	Active	6/15/1995	129	Ha	Line Creek Operation, BC
389284	TECK COAL LIMITED (100.0000%)	British Columbia	CLE (BC)	Active	6/30/1981	3,238.00	Ha	Line Creek Operation, BC
389291	TECK COAL LIMITED (100.0000%)	British Columbia	CLE (BC)	Active	10/1/1991	782	Ha	Line Creek Operation, BC
418131	TECK COAL LIMITED (100.0000%)	British Columbia	CLE (BC)	Active	10/28/2013	1,402.00	Ha	Line Creek Operation, BC

2. Geology

i) Stratigraphy

The general stratigraphy at Line Creek Operations is summarized in Table 2 below.

Table 2 - Regional Stratigraphy

Period	Litho-Stratigraphic Units		Principle Rock Types
Recent			Colluvium
Quaternary			Clay, silt, sand, gravel, cobbles
Lower Cretaceous	Blairmore Group		Massive bedded sandstones and conglomerates
Lower Cretaceous to Upper Jurassic	KOOTENAY	Elk Formation	Sandstone, siltstone, shale, mudstones, chert pebble conglomerate, minor coal
		Mist Mountain Formation	Sandstone, siltstone, shale, mudstones, thick coal seams
	MORRISSEY	Moose Mountain Member	Medium to coarse-grained quartz-chert sandstone
		Weary Ridge Member	Fine to coarse-grained, slight ferruginous quartz-chert sandstone
Jurassic	Fernie Formation		Shale, siltstone, fine-grained sandstone
Triassic	Spray River Formation		Sandy shale, shale quartzite
	Rocky Mountain Formation		Quartzite
Mississippian	Rundle Group		Limestone

Economic coal occurs in the Mist Mountain Formation of the Jurassic-Cretaceous Kootenay Group. The formation abruptly and conformably overlies the Morrissey Formation. It averages 500 to 600 meters in thickness and contains from 4 to 30 plus seams. There is approximately 60m of cumulative mineable coal thickness within the Mist Mountain Formation. Seams range in rank from high to low-volatile bituminous. The Elk Formation overlies the Mist Mountain Formation at the top of the Kootenay Group. Its characteristics are similar to those of the Mist Mountain, but lack coal seams of potential economic thickness, and contain sapropelic coals in addition to humic coals. Lithologies in the Mist Mountain Formation form a Markov chain. The data confirms a general fining-upward sequence typical of fluvial-alluvial depositional systems. The coal-forming environment is

believed to have been relatively isolated from sources of clastic material. In terms of statistical sequence modeling, the lower half of the Mist Mountain Formation is not significantly different from the upper half.

Three coalfields lie within the Mist Mountain Formation in southeastern BC: Elk Valley Coalfield, Flathead Coalfield and the Crowsnest Coalfield. There are three mines in the Elk Valley Coalfield. In the south, the Line Creek mine produces medium-volatile hard coking coal and lesser amounts of thermal coal. In the northern part of the coalfield, the Greenhills and Fording River mines produce medium and high-volatile coking coal from a large number of seams through a thick section of the Mist Mountain Formation.

ii) Structure

The major structure of the Elk Valley coalfield is the Alexander Creek syncline. Overall, it has a north-northwest trend and no net plunge. Locally its plunge is sub horizontal to gentle. It is generally asymmetric, open, and has an upright to steeply inclined axial plane. Thrust faults, including the Ewin Pass fault, are more common on the east limb than on the west. Other major structures in the coalfield are the Greenhills syncline, (Greenhills Operation) which is separated from the Alexander Creek syncline to the east by the west-dipping Erickson normal fault, and the Bourgeau thrust fault, which marks the western boundary of the northern part of the coalfield.

The Line Creek Operations property is affected by two main structural features, the Ewin Pass Thrust Fault and the Alexander Creek Syncline. The Line Creek Operations development is on the western limb of the Alexander Creek Syncline, on the opposite side of Line Creek from Horseshoe Ridge. The surface topography follows the geological structure with some dip slopes on the synclinal limbs. The Horseshoe Ridge (HSR), Saddle and Mt. Michael projects are located on the eastern limb of the Alexander Creek Syncline. The Ewin Pass Thrust fault has created a repeat of the coal bearing Kootenay Group strata. The Ewin Pass Thrust and sequences of the lower plates outcrop along the steep east facing slopes and dip westward under the uppermost plate (hanging wall). The northerly plunging Alexander Creek Syncline dominates the upper plate structures and is mined in the NLC pit. Dry Creek is the surface expression of the synclinal axis with coal licenses on the west limb (Burnt Ridge). The west facing slopes of the Mine Services Area West (MSW) pit, Mine Services Area Extension (MSX) pit and Mt. Michael projects are the surface expression of the east limb of this syncline. The HSR pit and the Saddle exploration zone are on the lower plate (foot wall) of the Ewin Pass fault.

The geology at the Line Creek Operations is classified as complex as per the Geological Survey of Canada Paper 88-21 *"A Standardized Coal Resource/Reserve Reporting System for Canada"*. There are many faults at the Line Creek Operations that vary in the amount of

displacement. Some of these faulted areas are associated with folds, over turned coal seams and other deformations.

A plan map using the Line Creek Operations mine grid coordinate system displays mapped lithology and structure, including coal seam outcrop.

Reference:

- i) Figure 3: Line Creek Operations Geology Map.pdf

3. 2014 Exploration Project

i) Goals/ Objectives

The objective of the 2014 exploration program was to improve resource confidence and increase reserves in the Burnt Ridge Extension area as part of Line Creek Operations Phase II mining area. Speculative and inferred resources were targeted to increase the mine's reserves. In addition, the North Line Creek Extension pit was targeted to collect additional quality information on the 010, 021 and 022 seams. HQ3 core was collected in Burnt Ridge Extension to enhance existing geotechnical information and improve pit wall design. Sample recovery of HQ3 core was emphasized to ensure representative samples were collected for targeted seams.

ii) Summary of Work Done

Eight reverse circulation drillholes were completed in Burnt Ridge Extension for a combined 1,724 m of drilling on six sites. Four diamond drillholes were completed in Burnt Ridge Extension for a combined 1,203 m of drilling on two sites. Total construction disturbance was 0.754 ha of which access trail accounted for 0.384 ha and drill sites accounted for 0.37 ha. The site of borehole BR1401 was located on existing disturbance from the Burnt Ridge South pit.

Three reverse circulation boreholes were completed in North Line Creek Extension totaling 287 m of drilling on three sites. These three sites were located on existing disturbance from the North Line Creek Extension pit.

Total drilled meters for reverse circulation drilling was 2,011 m and total drilled meters for diamond drilling was 1,203 m in 2014.

Reverse circulation drilling was performed by Foraco Canada Ltd. (Calgary, AB) with one Schramm T685WS-D drill rigs. Diamond drilling was performed by Boart Longyear (Calgary, AB) with one LF-90DT diamond drill which provided HQ3 core. Geophysical logging was done by Datalog Canada Limited (Calgary, AB). Gamma, neutron, open-hole

density, slim-line density and drillhole deviation tools were logged in open holes where possible and through the drill pipe on caved drillholes. In addition dipmeter analysis was performed on select drillholes.

Coal seams intersected in RC drillholes were sampled at half meter intervals called ply samples. Ply samples for drillholes NX1402 and NX1403 were sent to the Line Creek Operations Lab. Ply samples for drillholes NX1401 and all BR14* RC drillholes were sent to Loring Laboratories Ltd. (Calgary, AB). Coal seams intersected in HQ3 diamond drillholes were composited and sent to Loring Laboratories Ltd. (Calgary, AB) for raw and clean composite analysis. Raw ash, FSI and Light Transmittance analysis were performed on ply samples. Ply samples were grouped together to create composite samples to most accurately reflect seam quality data. Current mining practices, geophysical log signatures and ply sample analysis were the main pieces of information used to generate composite samples for RC drillholes. Recovery, current mining practices and geophysical log signatures were used to generate composite samples for HQ3 diamond drillholes. Raw analysis of composite samples included Ash, VM, RM, Sulfur, FSI, LT and FC. Clean analysis of composite samples determined Ash, VM, RM, Sulfur, Phosphorous, FSI, LT and FC at 1.45 specific gravity (S.G). Clean composites were chosen for additional rheological and petrographic analysis based on seam thickness, recovery and existing dataset size. David E. Pearson and Associates (Victoria, BC) performed all petrographic analysis.

Access, drill site and road locations were laid out by Teck Coal geologists. Drill site and road construction was completed by Barrie Mackay Contracting (Cranbrook, BC). Line Creek Operations' surveyors provided collar pickup for all drillholes in Burnt Ridge Extension and North Line Creek Extension.

Drillhole collar coordinates are available in Appendix A – Hole Collar Survey.xlsx.

The following table shows drillhole locations with respect to Coal Lease and District Lot boundaries:

Table 3 – Line Creek Operations 2014 Drillhole locations

Coal Lease / District Lot	Drillholes
District Lot #4588 Lot #1	BR1401, BR1402, BR1403, BR1405, BR1406, BR1407, BR1408, BR1409, BR1410, BR1411, BR1412, BR1413
Coal Lease #389284	NX1401, NX1402, NX1403

Hole locations are available in Figure 4 – Line Creek Operations Collar Location Map 2014.pdf. Two sections highlighting the primary work locations are available in Appendix D – Cross Sections.

iii) Results

The main goal of the 2014 exploration program was to increase structural confidence in the Burnt Ridge extension pit while confirming existing seam quality data. This objective was achieved [REDACTED]

[REDACTED]

Lab results of ply samples, composite samples, rheological analysis and petrographic analysis will be added to the database. Seam qualities increase the knowledge of the coal's marketability and assist long term mine planning in the region (Appendix C).

4. Conclusion

The 2014 exploration program has successfully increased drillhole density in the Burnt Ridge extension area. Assay results have confirmed existing seam quality data and have been incorporated into the database. Further drilling is recommended in order to increase confidence in this structurally complex area. This can be supplemented with field mapping and survey data obtained from the existing Burnt Ridge South pit. This information will be essential to planning out the Phase II portion of the Line Creek Operations.

[REDACTED]

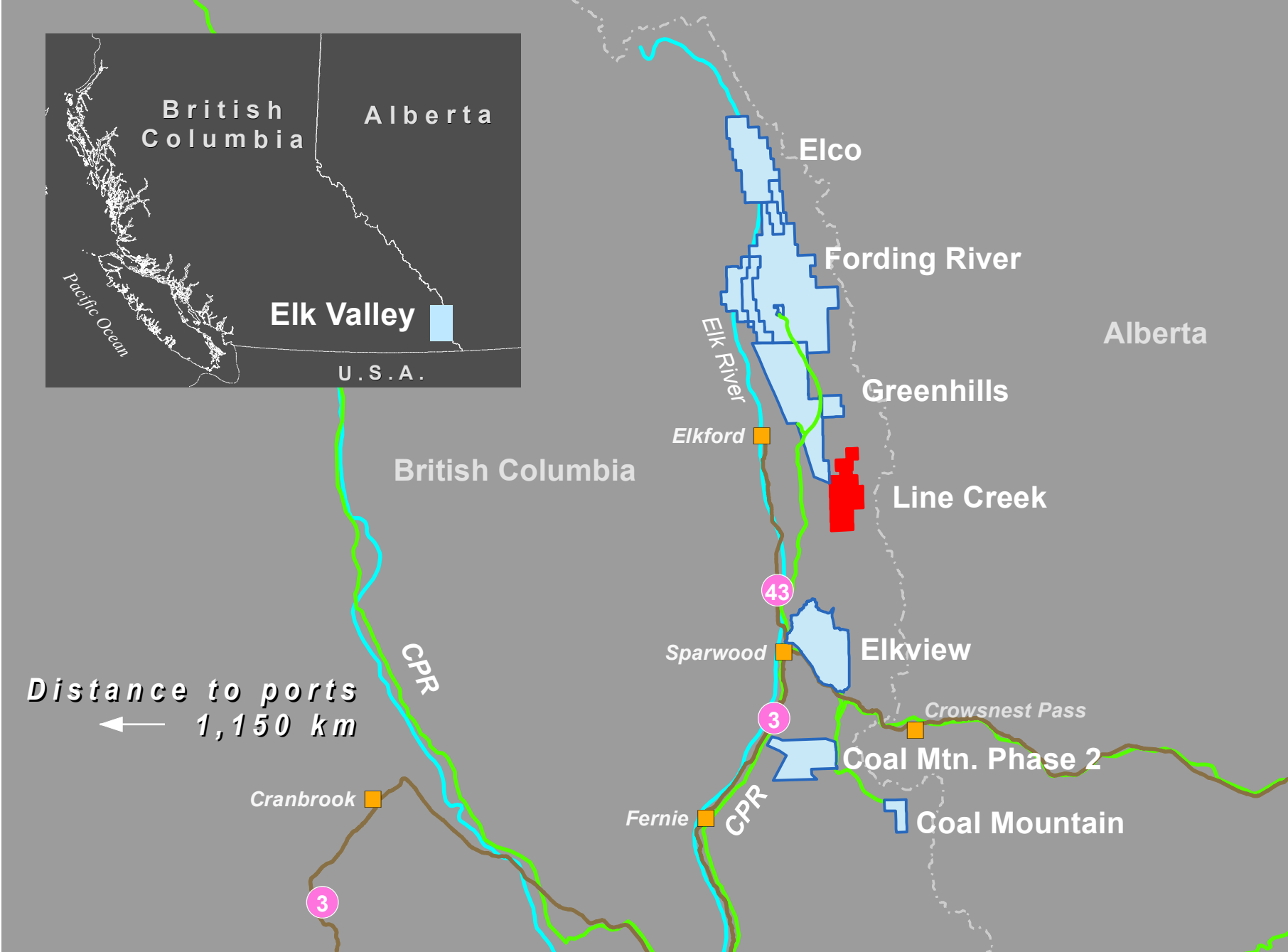
[REDACTED]

[REDACTED]

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate	Subtotal*	
Adrian Koch	Estimated	30	\$300.00	\$9,000.00	
Jason Kindrat	Estimated	70	\$300.00	\$21,000.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
			\$0.00	\$0.00	
				\$30,000.00	\$30,000.00
Office Studies	List Personnel (note - Office only, do not include field days)				
Literature search			\$0.00	\$0.00	
Database compilation	Torin Olver	5.0	\$300.00	\$1,500.00	
Computer modelling			\$0.00	\$0.00	
Reprocessing of data	Torin Olver	1.0	\$300.00	\$300.00	
General research			\$0.00	\$0.00	
Report preparation	Torin Olver	2.0	\$300.00	\$600.00	
Other (specify)	Sample Bags		\$8,780.00	\$8,780.00	
				\$11,180.00	\$11,180.00
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			<i>note: expenditures here</i>		
Reconnaissance			<i>should be captured in Personnel</i>		
Prospect			<i>field expenditures above</i>		
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	<i>note: expenditures for your crew in the field</i>				
SP/AP/EP	<i>should be captured above in Personnel</i>				
IP	<i>field expenditures above</i>				
AMT/CSAMT					
Resistivity					
Complex resistivity					
Seismic reflection					
Seismic refraction					
Well logging	~ 15.2 line km			\$70,875.00	
Geophysical interpretation					
Petrophysics					
Other (specify)					

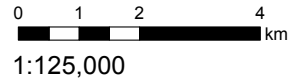
					\$70,875.00	\$70,875.00
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal		
Drill (cuttings, core, etc.)		1.0	\$65,000.00	\$65,000.00		
Stream sediment			\$0.00	\$0.00		
Soil	<i>note: This is for assays or</i>		\$0.00	\$0.00		
Rock	<i>laboratory costs</i>		\$0.00	\$0.00		
Water			\$0.00	\$0.00		
Biogeochemistry			\$0.00	\$0.00		
Whole rock			\$0.00	\$0.00		
Petrology		1.0	\$27,000.00	\$27,000.00		
Other (specify)			\$0.00	\$0.00		
					\$92,000.00	\$92,000.00
Drilling	No. of Holes, Size of Core and Metres	No.	Rate	Subtotal		
Diamond	1,203 m of HQ3 core in 4 holes	1.0	\$246,786.00	\$246,786.00		
Reverse circulation (RC)	2,011 m of RC drilling in 11 holes	1.0	\$217,326.00	\$217,326.00		
Rotary air blast (RAB)			\$0.00	\$0.00		
Other (specify)	Geotechnical Logging/Supplies	1.0	\$40,000.00	\$40,000.00		
					\$504,112.00	\$504,112.00
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)	Danger Tree Falling	1.0	\$5,000.00	\$5,000.00		
Transportation		No.	Rate	Subtotal		
Airfare			\$0.00	\$0.00		
Taxi			\$0.00	\$0.00		
truck rental			\$0.00	\$0.00		
kilometers			\$0.00	\$0.00		
ATV			\$0.00	\$0.00		
fuel			\$0.00	\$0.00		
Helicopter (hours)			\$0.00	\$0.00		
Fuel (litres/hour)			\$0.00	\$0.00		
Other	Road Construction		\$48,000.00	\$48,000.00		
					\$48,000.00	\$48,000.00
Accommodation & Food	Rates per day					
Hotel			\$0.00	\$0.00		
Camp			\$0.00	\$0.00		
Meals	day rate or actual costs-specify		\$0.00	\$0.00		
					\$0.00	\$0.00
Miscellaneous						
Telephone			\$0.00	\$0.00		
Other (Specify)						
					\$0.00	\$0.00
Equipment Rentals						
Field Gear (Specify)			\$0.00	\$0.00		
Other (Specify)						
					\$0.00	\$0.00
Freight, rock samples						
			\$0.00	\$0.00		

			\$0.00	\$0.00	
				\$0.00	\$0.00
<i>TOTAL Expenditures</i>					\$756,167.00

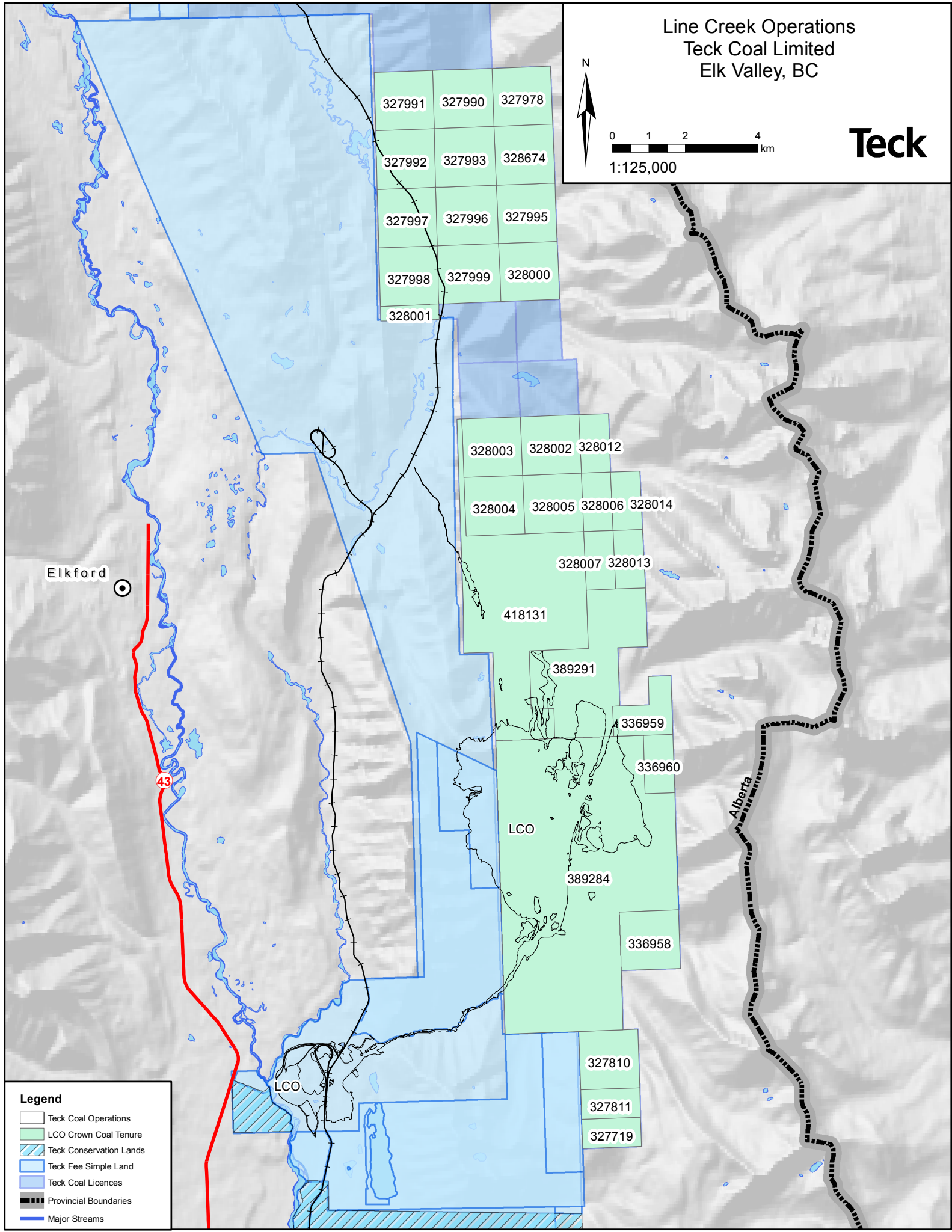


Distance to ports
← 1,150 km

Line Creek Operations
 Teck Coal Limited
 Elk Valley, BC



Teck



Elkford



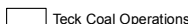

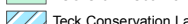
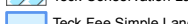
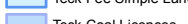
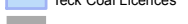
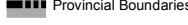
43

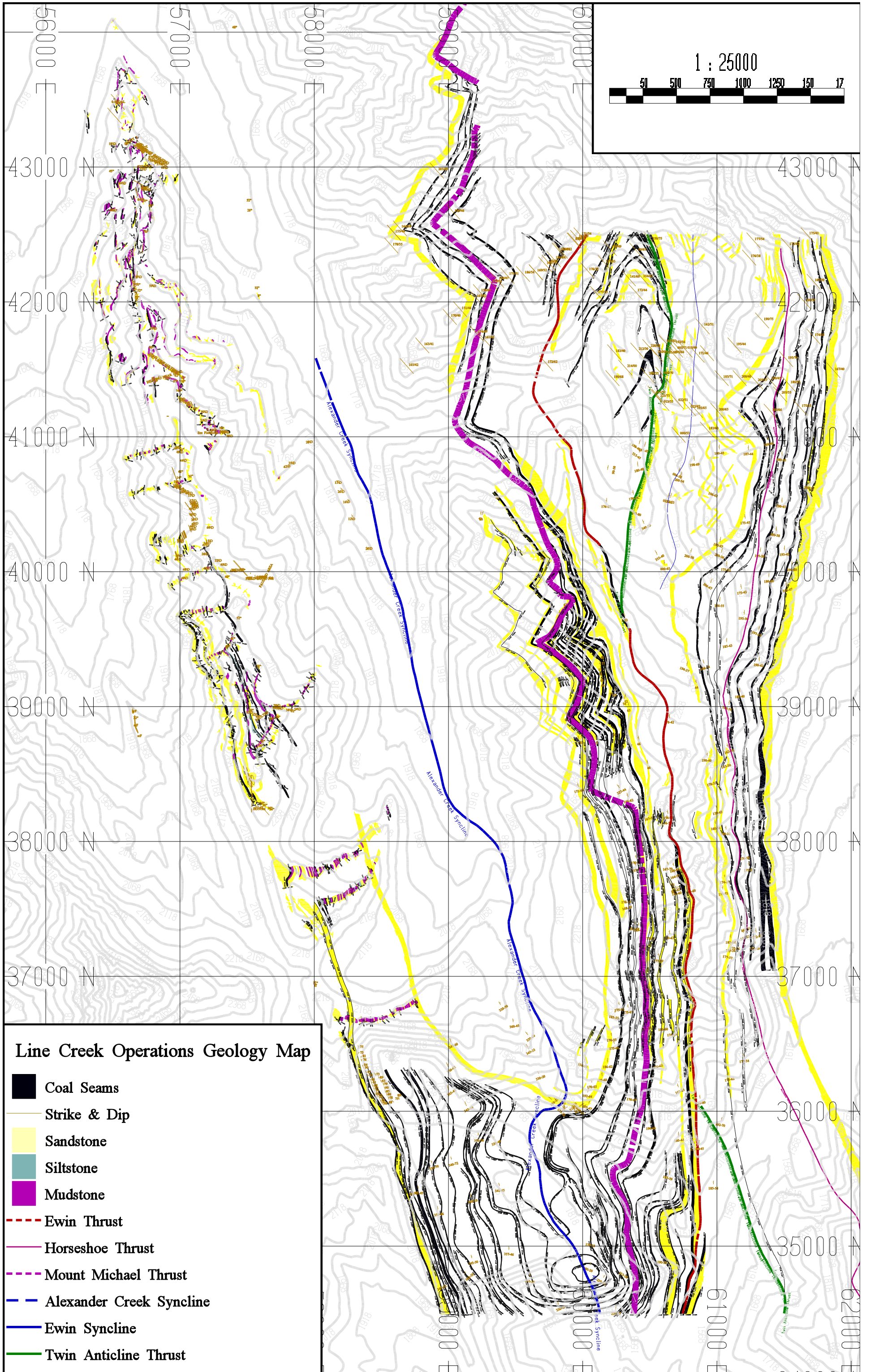
Alberta

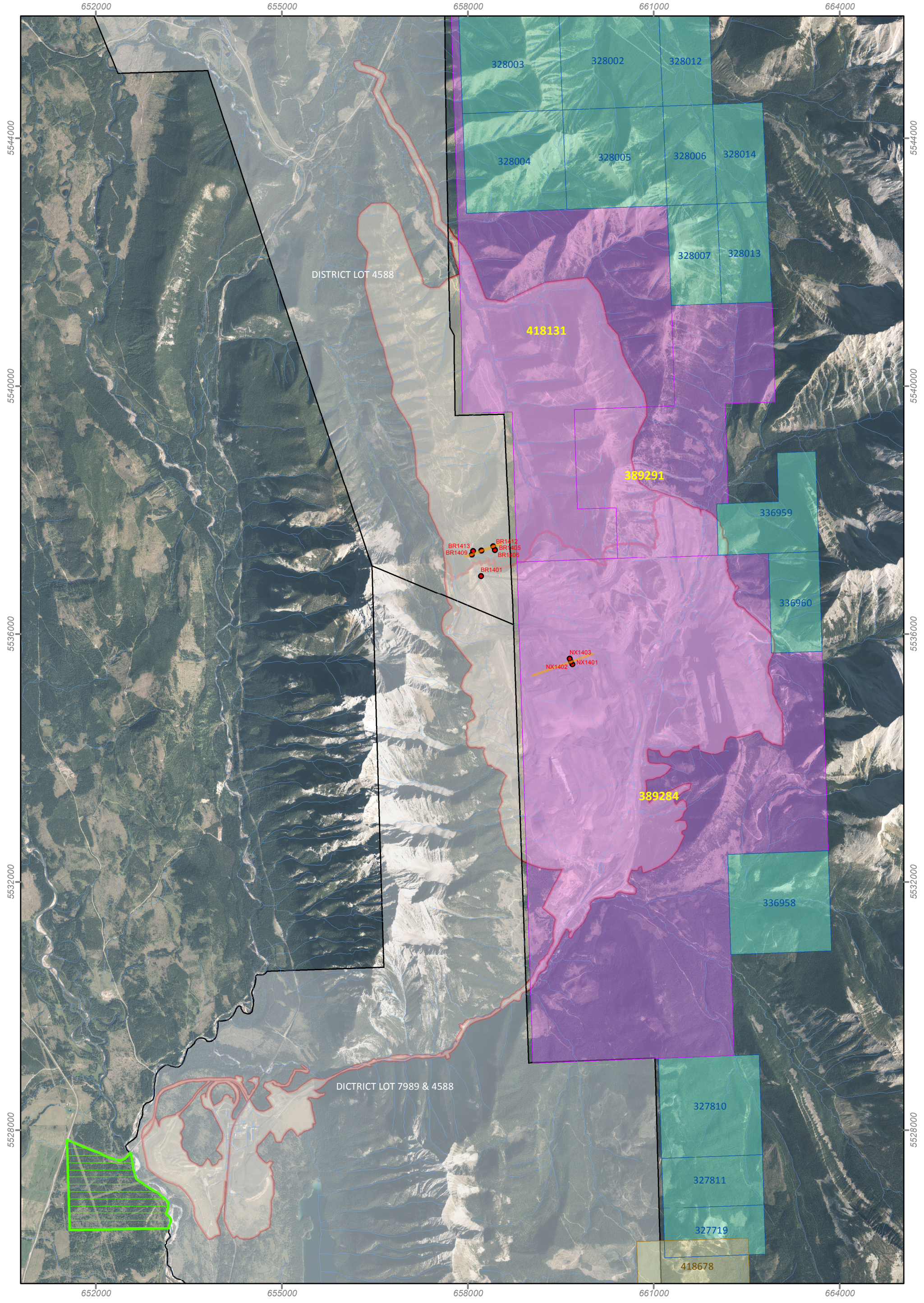
LCO

LCO

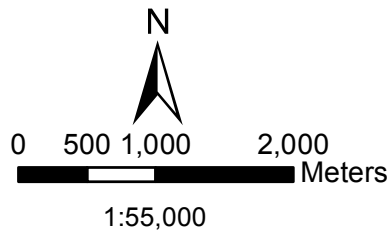
Legend

-  Teck Coal Operations
-  LCO Crown Coal Tenure
-  Teck Conservation Lands
-  Teck Fee Simple Land
-  Teck Coal Licences
-  Provincial Boundaries
-  Major Streams



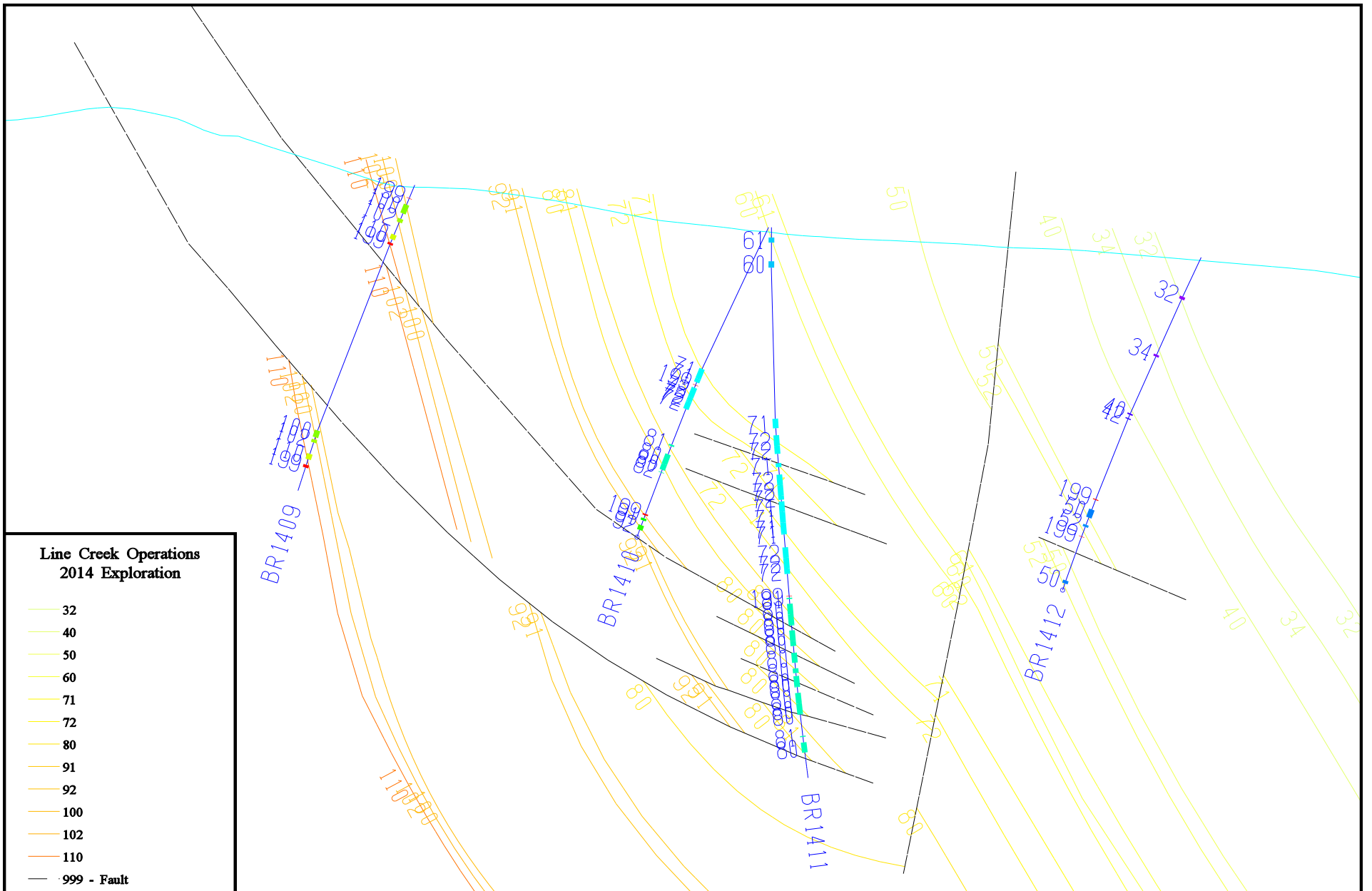


Line Creek Operations

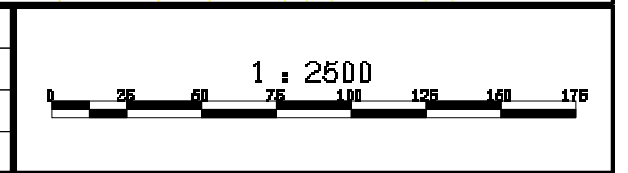


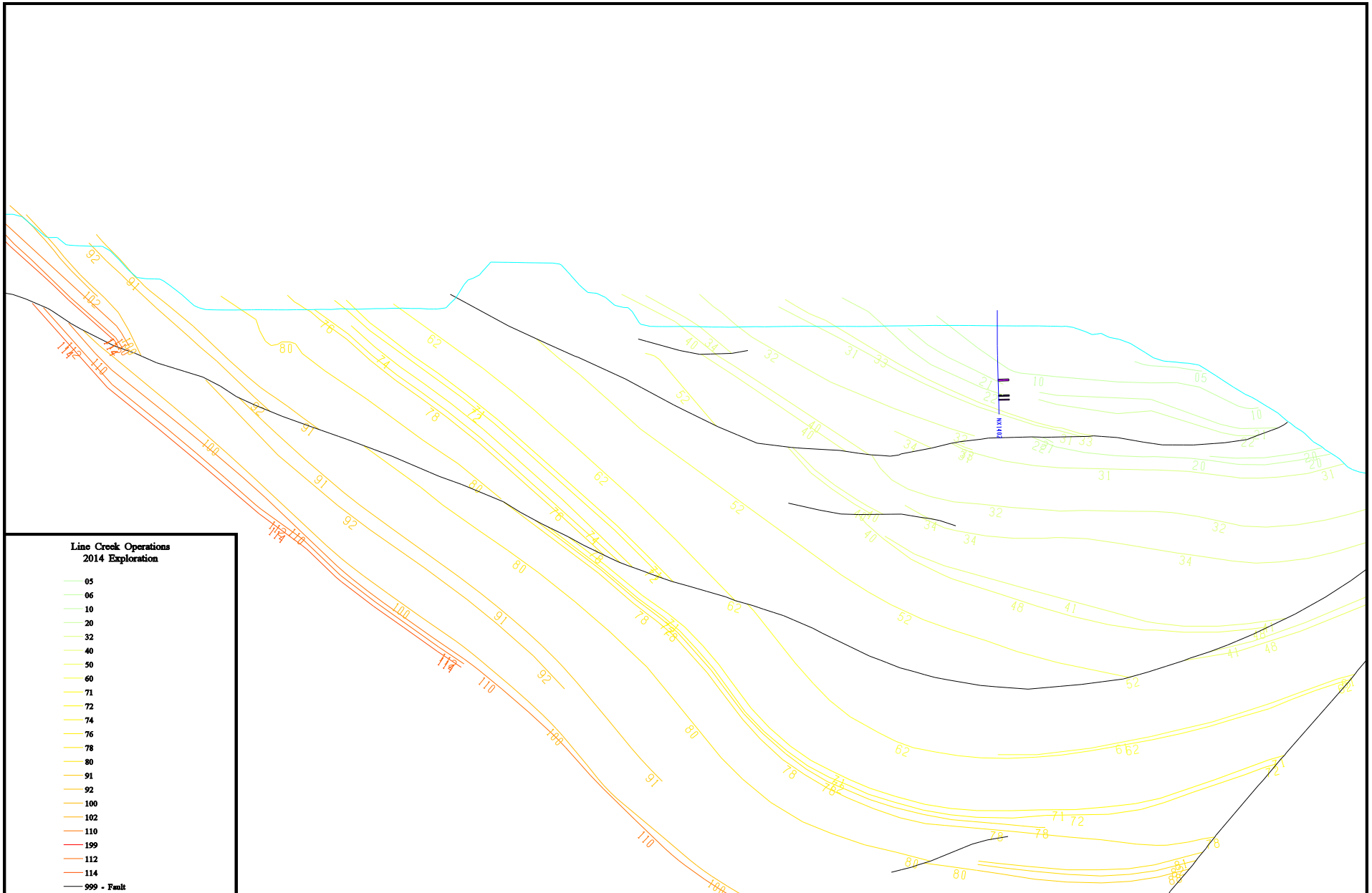
- Coal Lease
- Coal License
- Coal License Application
- District Lots
- Teck Conservation Lands
- LCO Permit Boundaries
- 2014 Drillholes
- Cross Sections





Title	Burnt Ridge Extension
Date	December 31, 2014
Drawn by:	Torin Oliver
Section:	A - A'





Line Creek Operations 2014 Exploration	
05	
06	
10	
20	
32	
40	
50	
60	
71	
72	
74	
76	
78	
80	
91	
92	
100	
102	
110	
112	
114	
999 - Fault	

Title	North Line Creek Extension
Date	December 31, 2014
Drawn by:	Tortn Oliver
Section:	B - B'

