BC Geological Survey Assessment Report 1069



2020 Michel Coal Exploration Program

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Assessment Report: 2020 Michel Coal Exploration Program

TOTAL COST: \$199,709.01

AUTHOR(S): Abby Cousins P.Geo.

SIGNATURE(S):

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

1. Mines Act Permit CX-05-018, Approval #19-1630658-0917, issued Sept 17, 2019

2. Mines Act Permit CX-05-019, Approval #18-1630615-0927, issued Sept 27, 2018

YEAR OF WORK: 2020

PROPERTY NAME: Michel Coal Project: Loop Ridge, Tent Mountain, and Michel Head

Properties

CLAIM NAME(S) (on which work was done): Coal Licence numbers: 418318, 418632

COMMODITIES SOUGHT: Coal

MINING DIVISION: FORT STEELE

NTS / BCGS: 82G/10E

LATITUDE: 49.553° N

LONGITUDE: -114.731° W (at centre of work at Tent Mountain)

UTM Zone: 11 EASTING: 664144 NORTHING: 5491991

OWNER(S): North Coal Limited

MAILING ADDRESS: 652F Sparwood Dr, Sparwood, BC V0B 2G0, Canada

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

REPORT KEYWORDS: Jurassic/Cretaceous, Mist Mountain Formation, Coal

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

Assessment Report #1025: 2016 Loop Ridge Exploration Program

Assessment Report #1026: 2016 Michel Head Exploration Program

Assessment Report #1039: 2017 Loop Ridge Phase 2 (Loop South) Exploration Program

Assessment Report #1040: 2017 Tent Mountain Exploration Program

Assessment Report #1052: Assessment Report 2018 Michel Coal Exploration Program

Assessment Report #1064: 2019 Michel Coal Exploration Program



Section 7 remains confidential under the terms of the Coal Act Regulation and have been removed from the public version.

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North Coal Limited 2020 Michel Coal Exploration Program

Assessment Report March 2021



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1. Introduction and Summary

The purpose of this report is to describe exploration-related work conducted on the Michel Coal Project during 2020. The Michel Coal Project is located in southeast BC, approximately 13 km southeast of the town of Sparwood, along Corbin Road (Figure 1.0). Although 2020 saw no exploration drilling completed at Loop Ridge, Tent Mountain, or Michel Head, a small amount of road deactivation and maintenance was carried out on the Loop Ridge property. Data collected from previous exploration years was also revised to update earlier coal resource models.

The Michel Coal Project is currently comprised of 25 coal licenses (Figure 1.0, Table 1.0) owned by North Coal Limited (North Coal) on which three principal coal deposits have been extensively explored and modelled, Loop Ridge, Tent Mountain, and Michel Head.



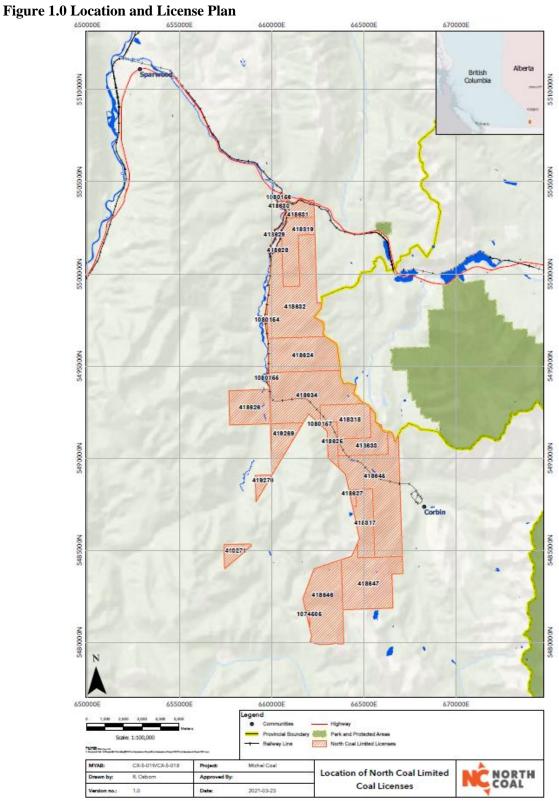




Table 1.0 Michel Coal Project Coal Licenses

Tenure Number	Commodity	Tenure Type	Issue Date	Good to Date	Owner Name	Area (Ha)
418317	Coal	Coal License	2013-03-25	2021-04-30	NORTH COAL LIMITED	341.87
418318	Coal	Coal License	2013-03-25	2021-04-30	NORTH COAL LIMITED	418
418319	Coal	Coal License	2013-03-25	2021-04-30	NORTH COAL LIMITED	409
418624	Coal	Coal License	2014-07-21	2021-04-30	NORTH COAL LIMITED	690
418625	Coal	Coal License	2014-07-21	2021-04-30	NORTH COAL LIMITED	132.64
418626	Coal	Coal License	2014-07-21	2021-04-30	NORTH COAL LIMITED	409
418627	Coal	Coal License	2014-07-21	2021-04-30	NORTH COAL LIMITED	26.91
418628	Coal	Coal License	2014-07-21	2021-04-30	NORTH COAL LIMITED	25
418629	Coal	Coal License	2014-07-21	2021-04-30	NORTH COAL LIMITED	1
418630	Coal	Coal License	2014-07-21	2021-04-30	NORTH COAL LIMITED	4
418631	Coal	Coal License	2014-07-21	2021-04-30	NORTH COAL LIMITED	151
418632	Coal	Coal License	2014-07-21	2021-04-30	NORTH COAL LIMITED	1160
418633	Coal	Coal License	2014-07-21	2021-04-30	NORTH COAL LIMITED	326
418634	Coal	Coal License	2014-07-21	2021-04-30	NORTH COAL LIMITED	1048.94
418645	Coal	Coal License	2014-09-19	2021-04-30	NORTH COAL LIMITED	1178.64
418646	Coal	Coal License	2014-09-19	2021-04-30	NORTH COAL LIMITED	787.53
418647	Coal	Coal License	2014-09-19	2021-04-30	NORTH COAL LIMITED	826.26
1074505	Coal	Coal License	2020-02-10	2021-04-30	NORTH COAL LIMITED	9.58
419269	Coal	Coal License	2018-11-19	2021-04-30	NORTH COAL LIMITED	246.78
419270	Coal	Coal License	2018-11-19	2021-04-30	NORTH COAL LIMITED	64.21
419271	Coal	Coal License	2018-11-19	2021-04-30	NORTH COAL LIMITED	104.19
1080154	Coal	Coal License	2020-12-21	2021-12-21	NORTH COAL LIMITED	16.72
1080155	Coal	Coal License	2020-12-21	2021-12-21	NORTH COAL LIMITED	13.13
1080156	Coal	Coal License	2020-12-21	2021-12-21	NORTH COAL LIMITED	10.8
1080157	Coal	Coal License	2020-12-21	2021-12-21	NORTH COAL LIMITED	1
					Total	8402.2



2. Property and Location

2.1 Ownership

Coal exploration and development rights are solely owned by North Coal Limited. Surface rights are held by Corbin Road Land Corporation (CRLC), a privately owned company. With timber rights held by CanWel Timber Limited as part of their free-hold Tent Mountain Block (PID 023-431-482, Lot 2 District Lot 4590, Kootenay District Plan 229332). A land access agreement exists between CRLC and North Coal for access and resource development.

There are no oil and gas drilling activities on the property; however, the TC Energy Pipeline, which carries natural gas from wells in Alberta, runs through the Loop Ridge deposit from east to west. There are also two FortisBC branch pipelines, which supply the town of Sparwood and local operating mines, following the right-of-way along Michel Creek.

At this time there are no environmental liabilities identified on the property.

2.2 Property

The approximate centre point of the Michel Coal Project is at Tent Mountain at 5492062N and 664325E (UTM NAD 83 Zone 11). With the approximate centre point of the Loop Ridge property at 5501000N and 661500E (UTM NAD 83 Zone 11).

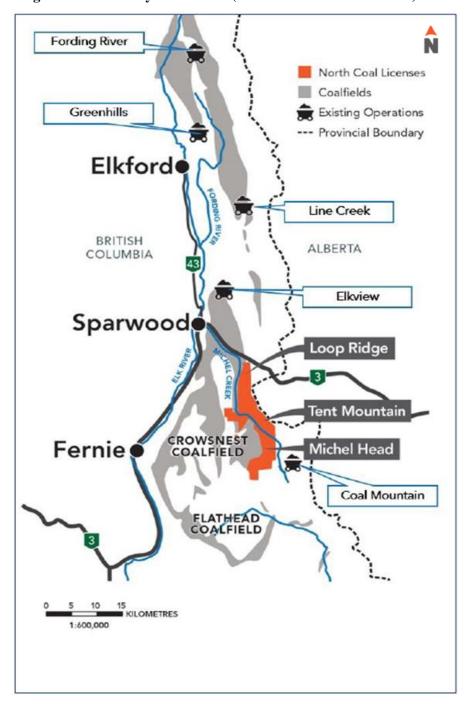
The property is situated in the northwest trending Front Ranges of the Rocky Mountains physiographic region, which is characterized by a series of steep mountains running to the northwest, incised by west flowing streams. Elevations range from ~1,400m along Michel Creek to a height of 2200m at Michel Head. The elevations of Loop Ridge range from ~1400m at Michel Creek to 1680m at the Upper Loop area of the property.

The property lies adjacent to the rail track infrastructure of the Canadian Pacific Railway (CP) running through the Michel Creek valley which connects the area to the major export bulk commodity ports on the west coast of Canada. A paved landing strip is available north of Sparwood for light aircraft.

The Michel Coal Project is located between two open pit coal mines owned and operated by Teck Coal Limited (Figure 2.0). The Teck Elkview Operation is located approximately 20km north of the center of Tent Mountain and produces metallurgical coal. Teck's Coal Mountain Operation is approximately 9km south from the centre of Tent Mountain and produced both thermal and pulverized coal injection coal (PCI) until operations were ceased in 2018. Loop Ridge property is accessed from Corbin Road approximately 4km from the Highway 3 turnoff. A network of logging and exploration trails on the properties are utilized for drilling access.



Figure 2.0 Elk Valley Coal Mines (Source: North Coal Limited)





The climate is characterized by long, cold winters and short, cool to hot summers. In Sparwood, the temperature ranges from a record high of 39°C in the summer to a record low of -39.8°C in the winter, with a mean maximum in August of 23.6°C and a mean minimum in December of -11.6°C. However, temperatures at the higher altitudes of the properties would be slightly lower. The average amount of precipitation in Sparwood is 603mm with an equivalent of 248cm of that falling as snow. The Michel Coal Project property generally has dense forest cover of pine and spruce; however, a significant portion of the property has recently been logged extensively.

2.3 Location and Access

The Michel Coal Project is located southeast of the town of Sparwood in the Michel Creek valley, southeast British Columbia (BC). Primary road access to the general area is via the Crowsnest Highway (Highway 3), which is an all-weather paved major highway connecting Sparwood with Fernie in the west and communities of the Crowsnest Pass in the east. The project area is accessed by driving east from Sparwood along Highway 3 for 11km and turning south onto Corbin Road. Access to the project area is through a network of logging and exploration trails that branch off from Corbin Road over a distance of 20km.





3. Property History

The Loop Ridge property was geologically mapped by Crow's Nest Pass Coal Company in 1964 (Crow's Nest Pass Coal Co., 1964), with seven trenches, two adits, and at least 12 coal exploration drill holes completed. In 1969, the Crow's Nest Pass Coal Company mined the McGillivray Pit at the north end of the Loop Ridge property, with approximately 60,000t to 100,000t of coal mined and trucked to the Michel preparation plant. A historic resource estimate by Crow's Nest Pass Coal Co. Limited indicated a total of 153.6Mt within 460m of the surface with a further 13.3Mt between the depths of 460m and 760m.

In 1993, McGillivray Mining Limited completed an agreement with Tembec to mine the old McGillivray Pit site. Environmental studies were completed, and a bulk sample permit was obtained in 1995, at which time approximately 20,000t of coal was mined and trucked to the Elkview plant near Sparwood. In 1996, Fording Coal purchased McGillivray's property and rights from Tembec and mined a further 30,000t. The second bulk sample was trucked to the Coal Mountain mine, approximately 19km to the southeast. Fording Coal completed two drill programs on the entire Loop Ridge property, one in 1998 (18 holes) and another in 1999 (18 holes).

The Tent Mountain and Michel Head deposits were originally owned and mapped by Kaiser Resources in the 1960's and 1970's (Beresford, 1975; 1976; 1977). No information is known about any exploration drilling carried out at that time.

The Loop Ridge coal licenses were acquired by CanAus Coal Limited in 2013. From 2013 to 2017, CanAus Coal Limited carried out several exploration drill programs on each of the deposits, with a total of 49,197m of drilling completed in 325 holes. Core drilling and RC chip sampling formed a component of these campaigns and the samples obtained were processed and analyzed to determine coal quality. The results of these analyses indicated favourable hard coking-coal qualities. The data gathered from each of these campaigns were used to develop geological and resource models of each deposit.

In late 2017, CanAus Coal Limited changed its name to North Coal Limited. During the 2018 exploration program, North Coal largely focused efforts on exploration drilling at Tent Mountain to improve modelled resources, with 5042m of exploration reverse circulation drilling completed in 21 holes. In addition to the reverse circulation drilling, 438m of geotechnical core was drilled in 2 holes on Tent Mountain, as well as 555m, 158m, and 133m of geotechnical and hydrogeological reverse circulation drilling completed on Loop Ridge, Tent Mountain, and Michel Head, respectively.

The 2019 exploration program focused exclusively on North Coal's Loop Ridge property. In total 15 reverse circulation (RC) holes were drilled, totalling 4389m. The main objectives of the 2019 exploration program on Loop Ridge were to confirm and define the coal seam structure and interpretation, upgrade resources from inferred to measured and indicated, and obtain coal quality data of all seams. Rock geochemistry samples were collected from all of the RC holes. Groundwater monitoring wells were installed in 1 RC hole. In addition to the exploration work



carried out on Loop Ridge in 2019, reclamation of two road spurs, and three drill pads took place on Tent Mountain.

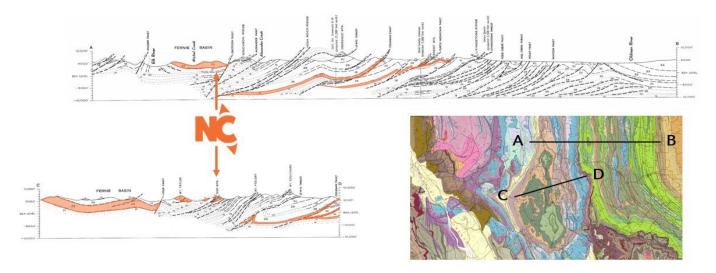


4. Geology

4.1 Regional Structure

The Crowsnest coalfield is a complex synclinorium in the Lewis Thrust Sheet. The Michel Coal Project lies within the Crowsnest Coalfield which is part of the larger East Kootenay Coalfields situated within the Rocky Mountain Foothills structural belt (Figure 3.0). Structurally, the Crowsnest Coalfield is characterized by north to northwest-trending centric folds, with west-dipping thrust faults. Tertiary normal faults, some of which are listric and probably occupy earlier thrust surfaces, are also a major feature. The local rock groups have experienced moderate to intense folding and thrust faulting as a result of the many deformation episodes (CanAus, 2015). In addition, extensional features juxtaposing the Mississippian limestone and the Kootenay Group have been observed.

Figure 3.0 Cross-section Showing Regional Structure (Geological Survey of Canada, 1962; Price, 2013).



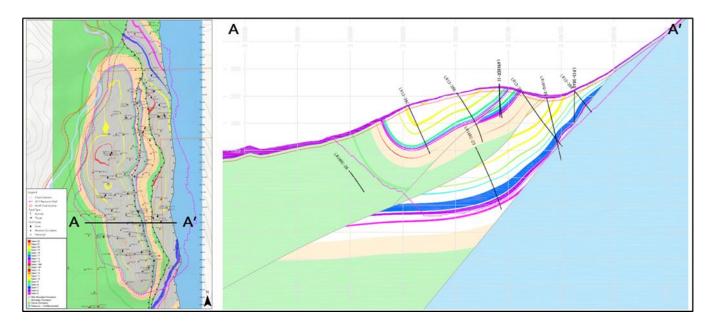
Given the complex structure and geologic history of the region, the units present either conformably or unconformably overlying or underlying each other. The economically recoverable coal is associated with the Mist Mountain Formation. Locally, the Mist Mountain Formation conformably overlies the Moose Mountain Member of the Morrissey Formation and is overlain by the Cadomin Formation of the Blairmore Group. Figure 5.0 demonstrates the regional stratigraphic succession encountered in the Elk Valley.



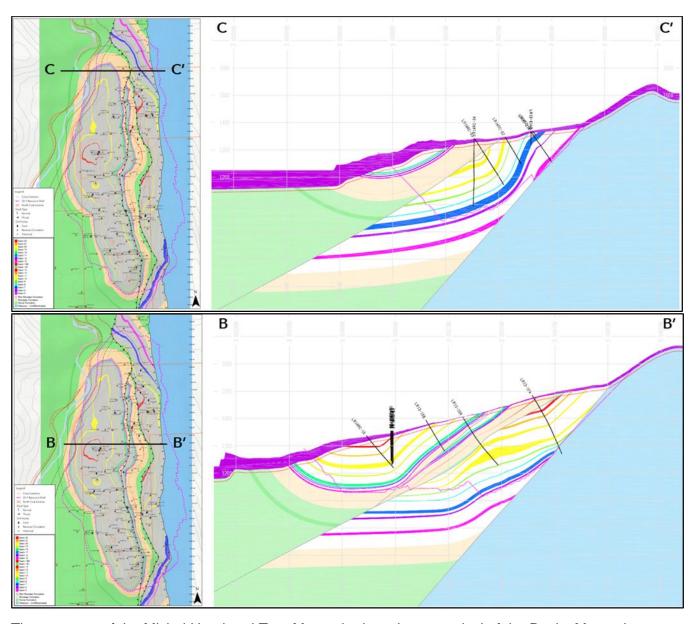
4.2 Property Structure

Exploration drilling has occurred principally in the coal-bearing section of the Mist Mountain Formation. On Loop Ridge, coal seams of the Mist Mountain Formation are interpreted as two sequences juxtaposed by a major thrust fault: The Upper Loop sequence, a moderate to tight syncline structure; and the Lower Loop sequence, a shallow west-dipping dip slope or gentle syncline. The limestone represents the footwall side of the major, regional, Erickson normal fault which juxtaposes Mississippian limestone and the Kootenay Group. The fault has a minimum, west side down, displacement of 1,200m. Cross-sections demonstrating the structure of various areas of Loop Ridge taken from North Coal geological model LR18-3 are shown below in Figure 4.0.

Figure 4.0 Cross-sections and Location Map (LR18-3 model)







The structure of the Michel Head and Tent Mountain deposits are typical of the Rocky Mountain fold and thrust belt, with features of a thin-skinned tectonic environment including upright, moderate to tight folds separated by low-angle foreland-verging thrust and normal faults, all striking generally north-south.



4.3 Property Stratigraphy

The stratigraphy of Loop Ridge, Tent Mountain, and Michel Head is typical of the Jurassic-Cretaceous Kootenay Group. The Jurassic-Cretaceous Kootenay Group occupies part of a northwest trending belt of predominantly non-marine rocks comprising part of the Rocky Mountain Foothills and Front Ranges of southwestern Alberta and southeastern British Columbia. The Kootenay Group extends from just north of the United States border in the south to the North Saskatchewan River in the north (Gibson, 1985).

Overburden cover is variable, for example at Loop Ridge it ranges from a few centimetres thick in the southern area of the known deposit (Upper Loop) to over 50 metres in the northern area (McGillivray). This area is covered in a thick layer of well-sorted river channel gravels.

The Kootenay Group

The Kootenay Group of the Rocky Mountain Foothills and Front Ranges encompasses the stratigraphic interval between the Jurassic Fernie Group below and the Lower Cretaceous Blairmore Group above (Gibson, 1985). Three formations are recognized within the Kootenay Group, the upper Elk Formation, Mist Mountain Formation, Morrissey Formation (Figure 5.0). The Kootenay Group is underlain by marine shales of the Fernie Formation. The Fernie Formation is observed at the base of sequence at Loop Ridge.

Elk Formation

The Elk Formation, which gradationally overlies the Mist Mountain Formation, is the uppermost formation in the Kootenay Group. It is a relatively resistant nonmarine unit dominated by coarse clastic rocks and in the Crowsnest Coalfield, it varies in thickness from a maximum of 482 m on Sparwood Ridge (Gibson, 1985) to 155 m near McLatchie Creek (Grieve and Ollerenshaw, 1989).

Mist Mountain Formation

The primary coal-bearing formation is the Mist Mountain Formation which overlies the sandstones of the Morrissey formation. Mist Mountain Formation in the Crowsnest coalfield consists of an interbedded sequence of siltstone, sandstone, mudstone, shale, conglomerate, and coal. Coal seams are typically interbedded with many rock partings.

Morrissev Formation

The Morrissey Formation consists of two highly resistant sandstone members, the Moose Mountain member and the Weary Ridge member. Thin interbeds of carbonaceous coal and shale occur occasionally within the Moose Mountain Member, with rare thin coal seams such as the 14M seam (LR18-3 model) found on Loop Ridge.

Fernie Formation

The Kootenay group is underlain by marine shales of the Fernie Formation. The marine Fernie Formation is Jurassic in age and is the oldest stratigraphic unit in the block (Grieve and Kilby, 1989) The Fernie formation is observed at the base of sequence at Loop Ridge.

Figure 5.0 Regional Stratigraphic Section (Ministry of Energy, Mines and Petroleum Resources, 2019)

aceous	Blairmore Group		sandstone	
Lower Cretaceous		Cadomin Formation	conglomerate	
taceous	Kootenay Group	Elk Formation	sandstone, siltstone, shale, mudstone, chert-pebble conglomerate; minor coal seams	
Lower Jurassic to Lower Cretaceous		Mist Mountain Formation	sandstone, siltstone, shale, mudstone, thick coal seams	
Lower Jui		Morrissey Formation	medium- to coarse-grained quartz-rich sandstone	
Jurassic		Fernie Formation	shale, siltstone, fine-grained sandstone	



5. 2020 Exploration Work

No new exploration work was conducted in 2020.

5.1 Drilling

No new exploration drilling was conducted in 2020.

5.2 Geophysical Logging

No geophysical logging work was conducted in 2020.

5.3 Surveying

No surveying work was conducted in 2020.

5.4 Sampling and Analysis

No new sampling or analysis work was conducted in 2020.

5.5 Geological Mapping

No additional geological mapping was performed in 2020.



6. Deactivation and Reclamation

North Coal's aim when undertaking any kind of earthworks or exploration is to keep disturbance to the smallest practical area. Natural soil profiles are maintained whenever possible to enhance natural regeneration and to control erosion-causing runoff. In addition, all exploration areas are left in a clean, safe and stable condition at the end of each field season. North Coal has developed and follows a best practices management plan which describes the methods used in the design, construction, deactivation, and reclamation of exploration access trails and drill sites.

Primary access in 2020 was via existing exploration and logging trails. Drainage is controlled by ditches and culverts, with some supplemental cross-ditching.

6.1 Deactivation

Road deactivation and maintenance were completed on Loop Ridge. This included cleaning out ditch systems and installing new cross-ditches and water bars on exploration trails when required. This was done to ensure that all disturbed areas remain hydrologically and geotechnically stable, as required by the BC Mines Act. Deactivation was carried out solely by a Cat 320 excavator for a period of approximately one week in July.

6.2 Reclamation

No new reclamation activities were carried out in 2020.



8. Expenditures

Exploration expenditure for work during the period January through December 2020 was \$199,709.01, with all major expense items are shown in Table 7.0.

Table 6.0 Michel Coal Project Expenditures

Budget Items	Contractor	Total \$
Heavy Equipment	TruCut Logging	\$4350
	Carich Ventures Ltd.	\$1200
	R and L Ventures	\$907.50
Licenses and Permits	MEMPR	\$76,465.00
Model	North Coal	\$39,160.00
Model Report	North Coal	\$22,220.00
Model Third-party Review	Golder Associates	\$41,980.08
Geotechnical	Vast Resource Solutions	\$13,426.20
Total		\$199,709.01

A more detailed statement of costs is attached as Appendix 1.0.



9. Conclusions

No exploration drilling was completed in 2020, with much of the efforts centred on revising and updating resource models and resource statements using data from previous exploration years. Based on new exploration drilling carried out in 2019, an updated geological and resource model (model "LR19-1") was completed on January 24, 2020. Exploration data gathered from the 2017 and 2018 exploration seasons, combined with previous works, was used to develop a new geological model and resource estimate of the Tent Mountain metallurgical coal deposit (model "TM19-1"), completed January 24, 2020. At the time of writing, an update of the Michel Head geological model and resource estimate is in progress (model "MH20-1"), which will incorporate new bedrock mapping data collected in 2018.



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Thompson, D., North Coal Limited, 2019. Assessment Report #1052: Assessment Report 2018 Michel Coal Exploration Program.



11. Statement of Qualifications

I, Abby Cousins of 13 Mt Proctor Ave, Fernie, BC, V0B1M3, Canada, do hereby certify that:

- 1. I am Senior Exploration Geologist for North Coal Limited.
- 2. I graduated in 2005 with a Bachelor of Science in Geology, and a Postgraduate Diploma in Geology in 2010 from Victoria University of Wellington, New Zealand.
- 3. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia (Member ID #50604).
- 4. I have worked as a geologist for a total of 10 years since my graduation from university.
- 5. My past experience includes work on various active underground mines and exploration projects in the Bowen Basin, Queensland Australia. My roles ranged from an exploration drill rig geologist to site supervising geologist during that time. I have worked in the coal industry within the Elk Valley since 2015 for North Coal, with my primary focus being on exploration and environmental monitoring.
- 6. I am responsible for the entire Assessment Report titled "2020 Michel Coal Exploration Program" dated the 29th of March 2021.
- 7. I was on site for the entirety of the 2020 field program.
- 8. To the best of my knowledge, information and belief, the Assessment Report contains all scientific and technical information that is required to conform to the Mineral Tenure Act Regulations of British Columbia.
- 9. I consent to the filing of the Assessment Report with the British Columbia Ministry of Energy and Mines Geological Survey Branch.

Dated this day 29th March 2021.

North Coal Limited.



12. Appendices

Appendix 1.0 Statement of Costs Attached as an excel file.

Office Studies Literature search Database compilation Computer modelling Reprocessing of data General research Other (specify) Airborne Exploration Surveys Bectormagnetics Radiometrics Radiometrics Radiometrics Radiometrics Radiometrics Reconnaissance Prospect Uniderground Area in Mectares / Enter total invoiced amount or list personnel Reconnaissance Redometrics Radiometrics Radiometrics Radiometrics Radiometrics Radiometrics Radiometrics Radiometrics Redometrics Reconnaise Reconnaise Reconnaise Re		Totals
	Subtotal*	
Society Soci	\$0.00 \$0.00	
	\$0.00 \$0.00	
Office Studies Liberature search Database complation Computer modelling Computer modelling Computer modelling Computer modelling Control preparation Report preparation Remote Sensing Area in Hectares / Enter total involced amount or its preparation Remote Sensing Area in Hectares / Enter total involced amount or its preparation Remote Sensing Area in Hectares / Enter total involced amount or its preparation Remote Sensing Area in Hectares / Enter total involced amount or its preparation Remote Sensing Area in Hectares / Enter total involced amount or its preparation Remote Sensing Report Remote Sensing Area in Hectares / Enter total involced in preparation Report (specify)	\$0.00 \$0.00	
Literature search	\$0.00	\$0.00
Computer modelling	\$0.00	
General research Report preparation Other (specify) Model third party review 2.1.0 \$1,749.17 \$30.00 Refress (specify) Report preparation Surveys Althorise Exploration Surveys Backmanning Recommanders Gravity Digital terrain modelling Other (specify) Remote Sensing Area in Nectarre / Enter total invoiced amount or list personnel Recommanders Ground Exploration Surveys Goological mapping Recommanders Recommanders Recommanders Recommanders Recommanders Define by length and width Define by total length	\$0.00 \$39,160.00 \$0.00	
Other (specify) Airborne Exploration Surveys Alarborne Exploration Surveys Readlometrics Remote Sensing Area in Hectares / Enter total involced amount or list personnel Readlometrics	\$0.00	
Line Kilometres Enter total invoiced amount So.00	\$22,220.00 \$41,980.08	+400 000 00
Radiometrics 50.00	\$103,360.08	\$103,360.08
Diplital terrain modelling Other (specify) Remote Sensing Area in Hectares / Enter total invoiced amount or list personnel facetial photography LANDSAT Other (specify) Ground Exploration Surveys Geological mapping Recommendation	\$0.00 \$0.00	
Other (specify) Remote Sensing Area in Hectares / Enter total invoiced amount or its personnel Area in Hectares / Enter total invoiced amount or its personnel Source (specify) Ground Exploration Surveys Geological mapping Recornalisance Recorna	\$0.00 \$0.00	
Acrial photography LANDSAT Other (specify) Ground Exploration Surveys Geological mapping Regional Regional Reconanissance Prospect Underground Define by length and width Trenches Radiometrics Radiomet	\$0.00 \$0.00	
ANDSAT So.00 So.00	\$0.00	\$0.00
Ground Exploration Surveys Geological mapping Regional Reconnaissance Prospect Underground Trenches Ground geophysics Radiometrics Magnetics Ground geophysics Radiometrics Magnetics Mag	\$0.00 \$0.00	
Geological mapping	\$0.00 \$0.00	\$0.00
Regional Reconnaissance note: expenditures here should be captured in Prospect Define by length and width	\$0.00	\$0.00
Prospect Underground Define by length and width Trenches Define by length and width Define by length and width Define by length and width Define by De		
Trenches Define by length and width		
Cround geophysics Cline Kilometres / Enter total amount involced list personnel	\$0.00	\$0.00
Radiometrics Gravity Digital terrain modelling Electromagnetics Sor/APIEP Should be expenditures for your crew in the field SSP/APIEP Should be expenditures above in Personnel IP ANTICSANT Resistivity Complex resistivity Sesimic reflection Seismic refraction Well logging Geophysical interpretation Petrophysics Other (specify) Geochemical Surveying Aboratory costs Water Biogeochemistry Whole rock Petrology Other (specify) Drill (cuttings, core, etc.) Stream sediment Soil Rock Aboratory costs Water Biogeochemistry Whole rock Petrology Other (specify) Drilling No. of Holes, Size of Core and Metres Drill (cutting) Clarify Resistation Reverse circulation (RC) Rever	,	
Gravity Digital terrain modelling Electromagnetics		
Electromagnetics		
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Resistivity Complex resistivity Seismic reflection Seismic refrection Geophysical interpretation Petrophysics Define by total length Geophysical interpretation Petrophysics Burning and the petrophysics Petrophysics \$0.00 Geochemical Surveying Number of Samples No. Prill (cuttings, core, etc.) \$0.00 Stream sediment \$0.00 Soil nate: This is for assays or \$0.00 Rock laboratory costs \$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 Drilling No. of Holes, Size of Core and Metres No. Rate Diamond Reverse circulation (RC) \$0.00 \$0.00 Reverse circulation (RC) \$0.00 \$0.00 \$0.00 Reverse circulation (RC) \$0.00 \$0.00 \$0.00 Trenching \$0.00 <td< td=""><td></td><td></td></td<>		
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Seismic refraction Well logging Define by total length Secophysical interpretation Petrophysics Define by total length Secophysical interpretation Petrophysics Dother (specify) Seochemical Surveying Number of Samples No. Rate Su Su Su Su Su Su Su S		
Geophysical interpretation Petrophysics		
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Drill (cuttings, core, etc.) \$0.00		
Stream sediment	\$0.00 Subtotal	\$0.00
Stream sediment	\$0.00	
Rock	\$0.00 \$0.00	
Biogeochemistry	\$0.00	
Petrology	\$0.00 \$0.00	
Drilling	\$0.00 \$0.00	
Diamond Sp.00 Reverse circulation (RC) Sp.00	\$0.00 \$0.00	\$0.00
Reverse circulation (RC) \$0.00 Rotary air blast (RAB) \$0.00	Subtotal \$0.00	·
Other Operations Clarify No. Rate Su Trenching \$0.00 \$0.00 Bulk sampling \$0.00 \$0.00 Underground development \$0.00 \$0.00 Other (specify) \$0.00 \$0.00 Reclamation Clarify No. Rate Su After drilling \$0.00 \$0.00 Monitoring \$0.00 \$0.00 Other (specify) Equipment Mobilisation 1.0 \$2,107.50 Other (specify) Deactivation and Maintenance 31.0 \$140.33 Transportation No. Rate Su Airfare \$0.00 \$0.00 \$0.00 Taxi \$0.00 \$0.00 \$0.00 truck rental \$0.00 \$0.00 \$0.00 ATV \$0.00 \$0.00 \$0.00 Helicopter (hours) \$0.00 \$0.00 \$0.00 Fuel (litres/hour) \$0.00 \$0.00 \$0.00 Meals day rate or actual costs-specify	\$0.00 \$0.00	
Trenching \$0.00	\$0.00	40.00
Bulk sampling	\$0.00 Subtotal	\$0.00
Clarify	\$0.00 \$0.00	
After drilling	\$0.00 \$0.00	
After drilling	\$0.00 Subtotal	\$0.00
Other (specify) Equipment Mobilisation 1.0 \$2,107.50 Other (specify) Deactivation and Maintenance 31.0 \$140.33 Transportation No. Rate Su Airfare \$0.00 \$0.00 Taxi \$0.00 Taxi \$0.00 \$0.00 truck rental \$0.00 kilometers \$0.00 \$0.00 fuel \$0.00 fuel \$0.00 \$0.00 Fuel (litres/hour) \$0.00 \$0.00 Fuel (litres/hour) \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Accommodation & Food Rates per day \$0.00 \$0.00 \$0.00 Motel \$0.00 \$0.00 \$0.00 \$0.00 Mals day rate or actual costs-specify \$0.00 \$0.00 Miscellaneous \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 Miscellaneous \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00<	\$0.00 \$0.00	
No. Rate Su	\$2,107.50 \$4,350.23	
Airfare \$0.00 Taxi \$0.00 truck rental \$0.00 kilometers \$0.00 ATV \$0.00 Helicopter (hours) \$0.00 Fuel (litres/hour) \$0.00 Other \$0.00 Accommodation & Food Rates per day \$0.00 Meals \$0.00 Meals \$0.00 Miscellaneous \$0.00 Other (Specify) \$0.00 Other (Specify) \$0.00 Equipment Rentals Field Gear (Specify) Freight, rock samples \$0.00 \$0.0	\$6,457.73	\$6,457.73
Taxi	Subtotal	
kilometers \$0.00 ATV	\$0.00 \$0.00	
ATV	\$0.00 \$0.00	
Helicopter (hours) \$0.00	\$0.00 \$0.00	
Accommodation & Food Rates per day Hotel \$0.00 Camp \$0.00 Meals day rate or actual costs-specify Miscellaneous \$0.00 Telephone \$0.00 Other (Specify) Coal licences \$1.00 \$76,465.00 Other (Specify) Geotechnical road survey \$1.00 \$13,426.20 Equipment Rentals Field Gear (Specify) \$0.00 Other (Specify) \$0.00 Other (Specify) \$0.00 Freight, rock samples \$0.00	\$0.00 \$0.00	
Hotel		**
Camp \$0.00 Meals day rate or actual costs-specify \$0.00 Miscellaneous \$0.00 Telephone \$0.00 Other (Specify) Coal licences 1.00 \$76,465.00 Other (Specify) Geotechnical road survey 1.00 \$13,426.20 Equipment Rentals Field Gear (Specify) \$0.00 Other (Specify) \$0.00 Freight, rock samples \$0.00	\$0.00	\$0.00
Miscellaneous \$0.00 Telephone \$0.00 Other (Specify) Coal licences 1.00 \$76,465.00 Other (Specify) Geotechnical road survey 1.00 \$13,426.20 Equipment Rentals Field Gear (Specify) \$0.00 Other (Specify) \$0.00 Freight, rock samples \$0.00	\$0.00 \$0.00	
Telephone	\$0.00 \$0.00	\$0.00
Other (Specify) Coal licences 1.00 \$76,465.00 Other (Specify) Geotechnical road survey 1.00 \$13,426.20 Equipment Rentals \$13,426.20 \$0.00 Field Gear (Specify) \$0.00 \$0.00 Other (Specify) \$0.00 \$0.00	\$0.00	
Equipment Rentals Field Gear (Specify) \$0.00 Other (Specify) Freight, rock samples \$0.00	\$76,465.00 \$13,426.20	
Field Gear (Specify) \$0.00 Other (Specify) Freight, rock samples \$0.00	\$89,891.20	\$89,891.20
Freight, rock samples \$0.00	\$0.00	
\$0.00	\$0.00	\$0.00
40.00	\$0.00	
\$0.00	\$0.00 \$0.00	\$0.00
TOTAL Expenditures		\$199,709.01