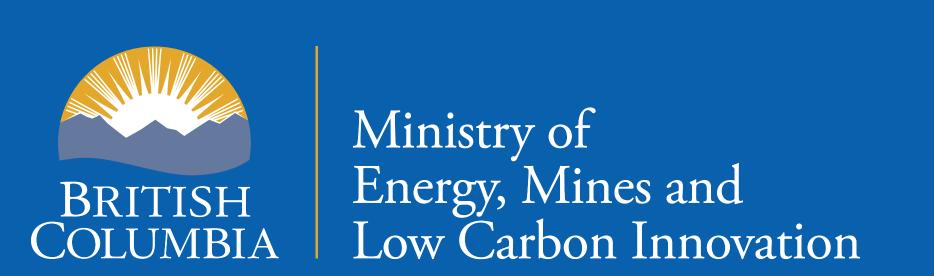


Exploration and Mining Highlights, North Central and Northeast regions, 2023

Northeast coal fields



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Overview

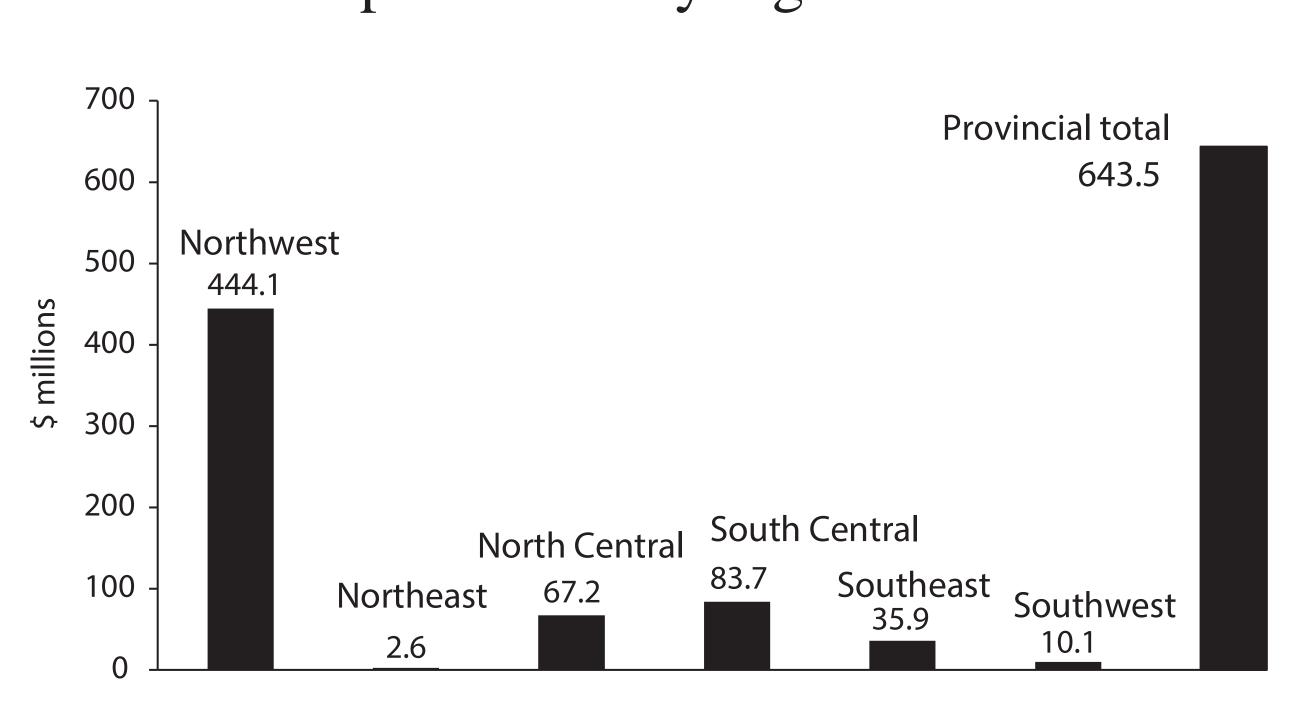
The North Central Region has one producing metal mine, the Mount Milligan copper gold operation (Centerra Gold Inc.). Significant work and results included those reported for Centerra Gold Inc.'s Mount Milligan (Brownfield) and Mount Milligan (Greenfield) projects, Thesis Gold Inc.'s Lawyers project, Pacific Ridge Exploration Ltd.'s Kliyul and RPD projects, TDG Gold Corp.'s Baker and Shasta projects, Amarc Resources Ltd.'s Joy project, and Defense Metals Corp.'s Wicheeda project. Artemis Gold Inc. reported significant construction progress for their Blackwater Gold project.

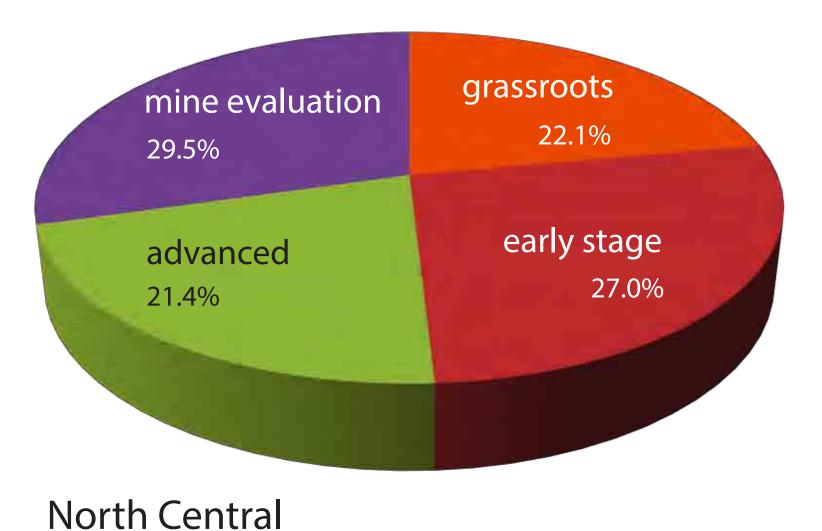
The Northeast Region is prospective for coal and industrial minerals and has three producing coal mines: Conuma Resources Limited's Brule, Wolverine, and Willow Creek operations. Conuma Resources Limited is also working towards reopening the Quintette mine, which was purchased from Teck Resources Limited in 2022. In the far north of the region, Fireside Minerals Ltd. produces barite from its **Fireside** mine to supply the oil and gas drilling industry.

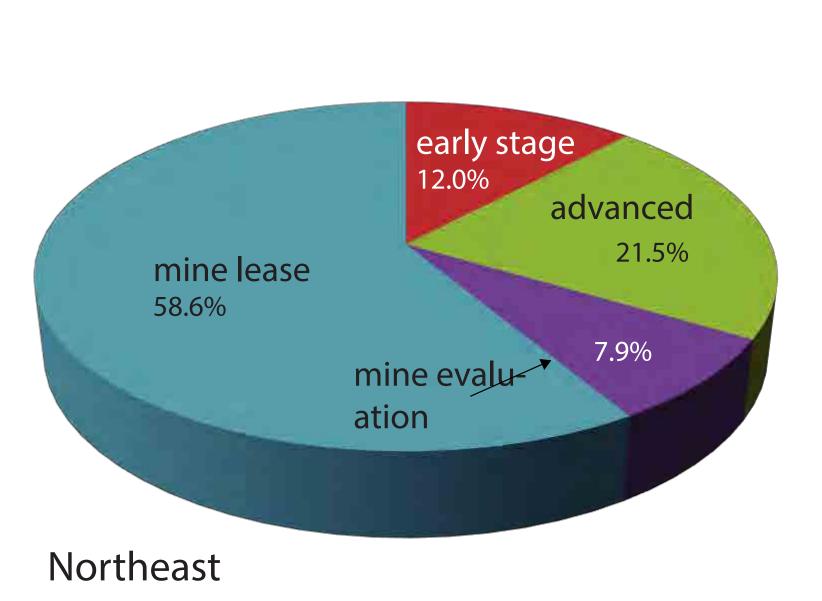
For the North Central Region, exploration expenditures are estimated at \$67.1 million. The estimate for exploration drilling is 69,590 m. For the Northeast Region, exploration expenditures are estimated at \$2.6 million. The estimate for drilling exploration is 4710 m (Clarke et al., 2024; EY LLP, 2024).

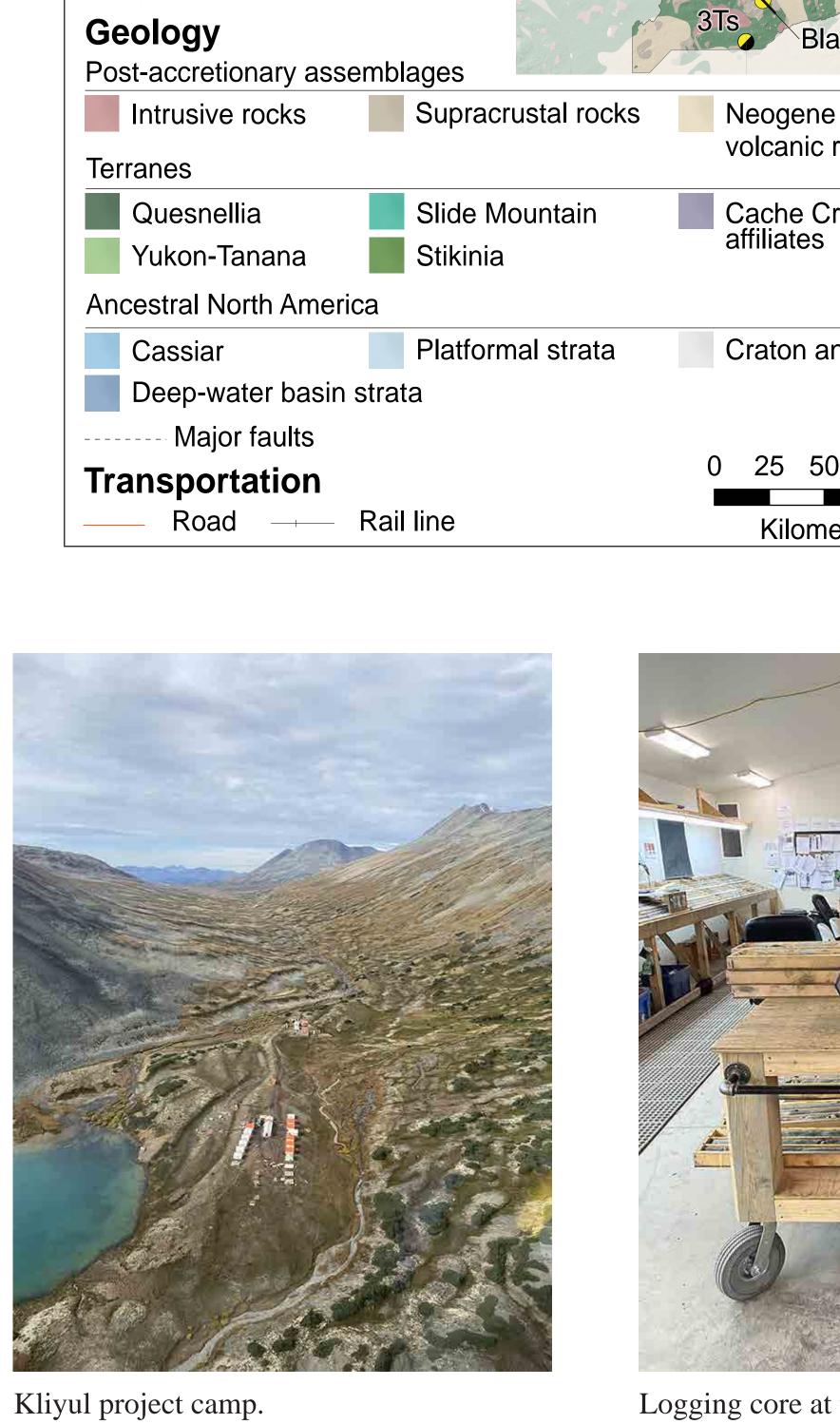
Exploration and drilling estimates

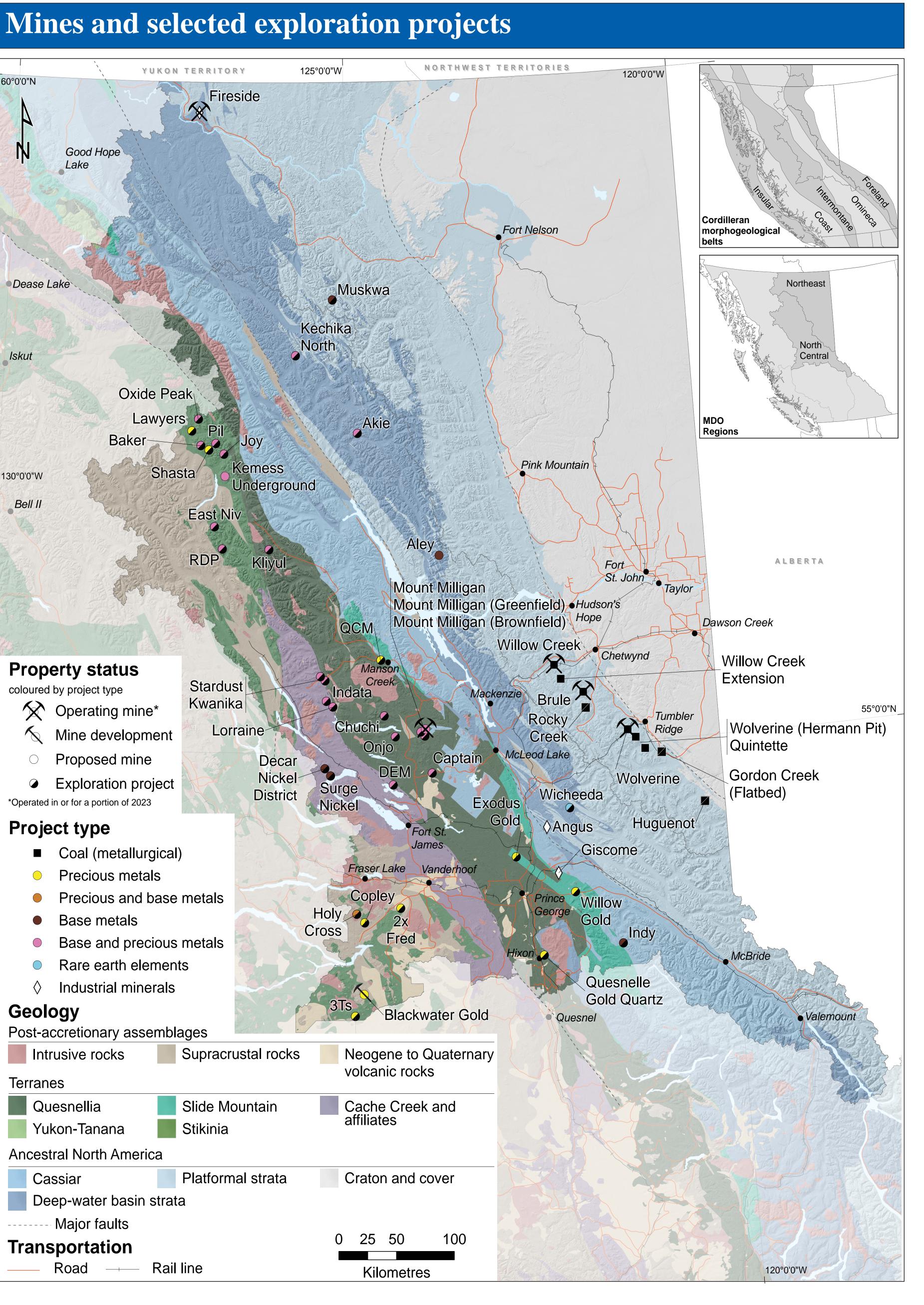
Provincial expenditures by region



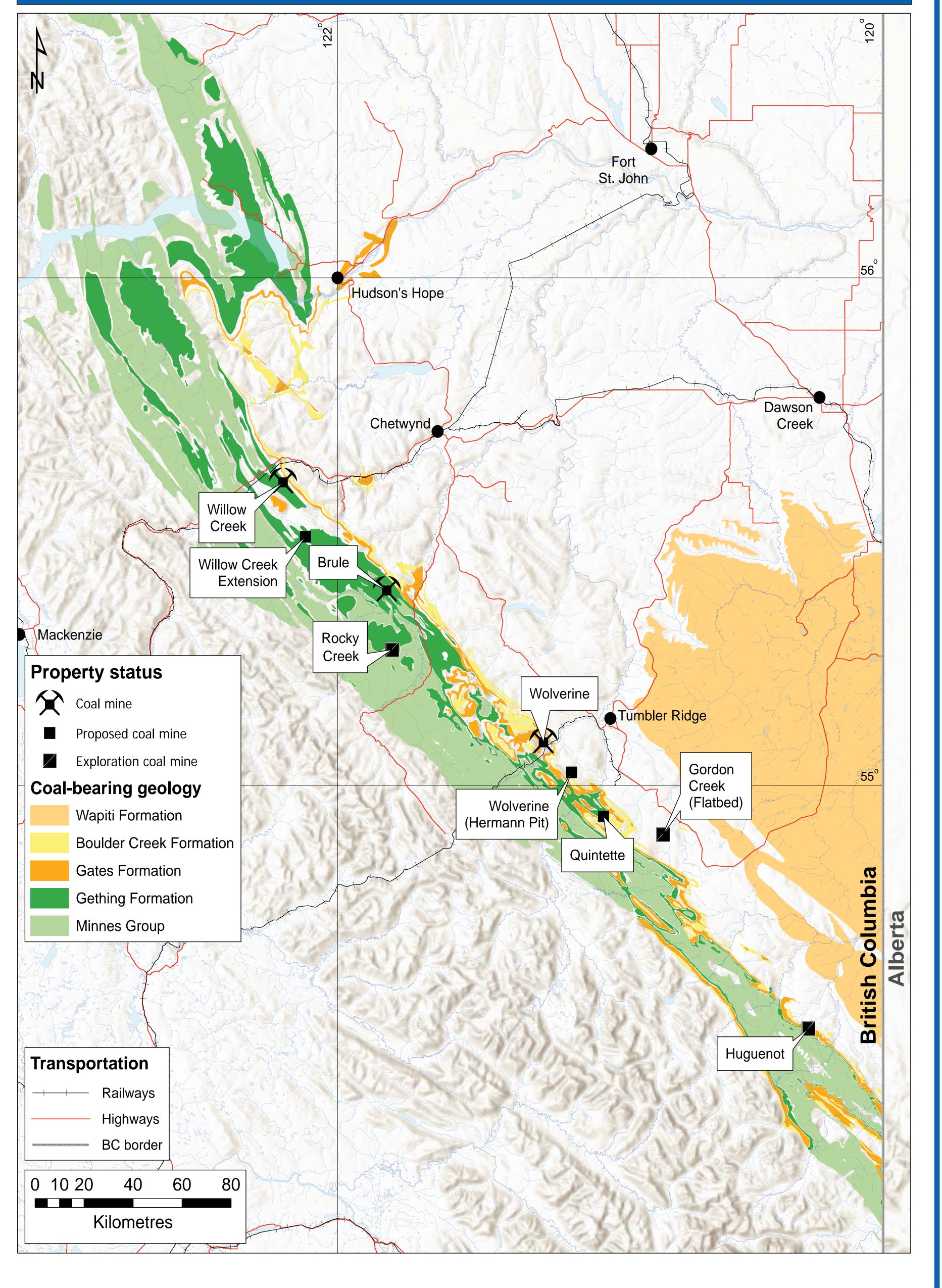














Formation strata, Willow Creek mine.



Exploration highlights

North Central Region

3Ts (Independence Gold Corp.):

Drilling, 44 DDH (6300 m). Highlight results included 11.50 m grading 8.82 g/t Au and 78.26 g/t Ag, and 0.75 m grading 26.75 g/t Au and 295 g/t Ag.

Baker (TDG Gold Corp.):

Relogging, resampling, and assaying historical drilling to examine the potential porphyry targets for drill testing. Highlight results included 126.8 m grading 0.12 g/t Au, 2 g/t Ag, and 0.04% Cu, and 105.8 m grading 0.14 g/t Au, 4 g/t Ag, and 0.05% Cu.

Decar Nickel District (FPX Nickel Corp.):

Filed a NI 43-101 technical report, Prefeasibility study completed, 33-year mine life.

Indy (InZinc Mining Ltd.):

Drilling, 9 RC (1064 m). Reported 2022 drilling results, which included 27.1 m of red clay grading 0.67% Zn, 0.13% Ni, 0.0163% Co, and 0.036% TREO; within this, 7.7 m graded 0.11% Cu.

Joy (Amarc Resources Ltd.):

638 line-km of airborne magnetotelluric geophysics, 30 km2 of ground-based MT geophysics, and 72.5 line-km of IP ground geophysics, and undertook geologic mapping. Soil (1788) and rock (769) sampling was also carried out.

Kliyul (Pacific Ridge Exploration Ltd.):

19 DDH (10,284 m). Highlight results included: 305.5 m grading 0.23% Cu, 0.51 g/t Au, and 1.22 g/t Ag, and 540.3 m grading 0.19% Cu, 0.36 g/t Au, and 1.09 g/t Ag.

Kwanika (NorthWest Copper Corp.):

Preliminary Economic Assessment and updated mineral resource assessment. PEA is for the combined Kwanika and Stardust deposits and the company refers to the project as Kwanika-Stardust.

Lawvers (Thesis Gold Inc.):

Drilling, 51 DDH (23,691 m). Highlight results included 45.00 m grading 1.03 g/t Au and 51.53 g/t Ag, 53.00 m grading 2.12 g/t Au and 104.95 g/t Ag, and 45.00 m grading 2.29 g/t Au and 132.10 g/t Ag.

Mount Milligan (Brownfield):

Drilling, 26 DDH (14,537 m).

Drilling, 16 DDH (6289.5 m).

Mount Milligan (Greenfield):

RDP (Pacific Ridge Exploration Ltd.):

Drilling, 3 DDH (1428 m). Highlight results included 62 m grading 0.16% Cu, 0.06 g/t Au, and 0.84 g/t Ag at Day, and 110 m grading 0.09% Cu, 0.20 g/t Au, and 0.31 g/t Ag at Bird.

Surge Nickel (Surge Battery Metals Inc.):

Filed a NI 43-101 technical report. Reported 2022 drilling results, which included 94 m grading 0.058% DTR Ni and 15 m grading 0.119% DTR Ni.

Wicheeda (Defense Metals Corp.):

Geotechnical drilling. Filed an updated NI 43-101 mineral resource estimate. Filed an updated NI 43-101 mineral resource estimate. Geotechnical drilling (16 sonic holes totalling 225.5 m), overburden test pits (20 totalling 76.8 m), diamond drilling (six holes 1182 m), metallurgical testing, environmental testing on anticipated waste rock, shipment of mixed rare earth oxide and mixed rare earth carbonate to interested parties allowing the recipients to independently verify the quality of REE products.

Northeast Region

Muskwa (Fabled Copper Corp.):

Surface samples at Eagle Creek copper occurrence (Neil property) assayed 23.40%, 15.55%, 19.85%, and 21.90% Cu.

Rocky Creek (CTI Plus Resources Ltd.):

Large diameter core drilling for bulk sample. Nine holes, 240 m.

Mining highlights

North Central Region

Metal mines

Mount Milligan (Centerra Gold Inc.):

Mount Milligan produced 114,000 ounces of gold and 42 million pounds of copper in the first three quarters of 2023.

Mine development

Blackwater (Artemis Gold Inc.):

Geotechnical drilling (sonic, 790 m). About 660 employed during construction. \$280 million spent on project construction. Reserves (August 2020) are reported at 8 Moz Au and 62.2 Moz Ag, with a life of mine average annual gold production of 339,000 oz.

Proposed Mines and quarries

Aley (Taseko Mines Limited):

Proposed open-pit mine with 10,000 tpd ore processing rate and average annual production of 9000 t Nb. Environmental monitoring and product marketing.

Giscome (Graymont Western Canada Inc.):

Environmental assessment in place. Proposed 600,000 tpy limestone quarry to feed a vertical lime kiln producing 198,000 t of lime annually during a 50+ year mine life.

Angus (Vitreo Minerals Ltd.):

Proposed mine production is 2.9 Mt of quartz arenite per year over a 20-year mine life.

Kemess Underground (Centerra Gold Inc.):

Permitted, proposed underground panel cave mine with 24,600 tpd ore processing rate and life-of-mine average annual production of 106,000 oz Au and 47 Mlbs Cu over a 12-year life of mine.

Northeast Region

Coal mines

Brule Mine (Conuma Resources Limited):

Forecast production for the Brule mine was 1.6 Mt of pulverized coal injection (PCI) coal. The company drilled two holes (264.57 m) to extend the deposit.

Willow Creek Mine (Conuma Resources Limited):

The Willow Creek mine forecasted production was 1.3 Mt of hard coking coal (HCC) and pulverized coal injection (PCI) product.

Wolverine Mine (Conuma Resources Limited):

Forecast production for the Wolverine mine was 2.2 Mt of hard coking coal (HCC).

Industrial mineral mines and quarries

Fireside (Fireside Minerals Ltd.):

Fireside Minerals produces 4.1 API spec barite for sale to western Canadian oil and gas markets. In-pit mapping carried out. Geotechnical drilling for a new pit design. Remote sensing survey of a 20 km2 area.

Proposed coal mines

Ouintette (Conuma Resources Limited):

Conuma Resources Limited is preparing to restart the former Quintette mine. The Windy pit will be re-opened.

Willow Creek Extension (Conuma Resources Limited):

Prefeasibility study completed in September 2022. Continued baseline monitoring. The project contains 15.6 Mt Proven and Probable reserves.

Wolverine (Hermann Pit) (Conuma Resources Limited): Continued baseline monitoring. Project contains 13.9 Mt Proven and Probable reserves of coal in the Gates Formation.

Further information

EY LLP, 2024. British Columbia Mineral and coal exploration survey 2023 report.

Heidarian, H., 2024. Exploration and mining in the North Central and Northeast regions, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2023. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Information Circular 2024-01, pp. 85-102.

Clarke, G., Northcote, B.K., Corcoran, N.L., Pothorin, C., Heidarian, H., and Hancock, K., 2024. Exploration and Mining in British Columbia, 2023: A summary. In: Provincial Overview of Exploration and Mining in British Columbia, 2023. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Information Circular 2024-01, pp. 1-53.

