



# British Columbia Geological Survey selected publications 2020-2024



Ministry of  
Mining and  
Critical Minerals

Information Circular 2025-08



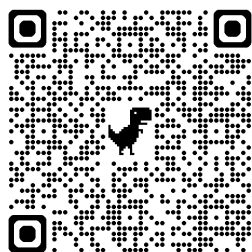
## British Columbia Geological Survey publications

With a mandate to understand the geology of the province for the benefit of all its citizens, the British Columbia Geological Survey integrates historical data with ongoing research programs and draws on evolving concepts in the Earth sciences to create new knowledge.

Since 1874, the Survey has published technical and popular documents, both internally and in the national and international literature. These publications inform decisions about mineral resource, environmental, geotechnical, and land use concerns made by: provincial, federal, and municipal government agencies; Indigenous groups; the mineral exploration and mining industry; academic institutions; and the general public. All Survey publications are available for download, free of charge.



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## Papers

### 2024

- Ootes, L., Cui, Y., Clarke, G., and Hickin, A.S., 2024. British Columbia Geological Survey annual program review 2023-2024. In: Geological Fieldwork 2023, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2024-01, pp. 1-11.
- Hickin, A.S., Ootes, L., Orovan, E.A., Brzozowski, M.J., Northcote, B.K., Rukhlov, A.S., and Bain, W.M., 2024. Critical minerals and mineral systems in British Columbia. In: Geological Fieldwork 2023, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2024-01, pp. 13-51.
- Orovan, E.A., Zaborniak, K., and Hooker, K., 2024. Textural evidence for ore fluid transport and the magmatic to hydrothermal transition at the past-producing Kitsault Mo-Ag mine. In: Geological Fieldwork 2023, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2024-01, pp. 53-64.
- Brzozowski, M.J., and Zaborniak, K., 2024. Sulphide mineralization at the E&L magmatic Ni-Cu-PGE deposit: Textural evidence for contamination, vapour saturation, fluid immiscibility, and metal remobilization. In: Geological Fieldwork 2023, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2024-01, pp. 65-78.
- Wearmouth, C.D., Peters, K.J., Czertowicz, T.A., and Orovan, E.A., 2024. Mineral potential modelling results for northwestern British Columbia, a comparison between past and current work at the British Columbia Geological Survey. In: Geological Fieldwork 2023. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2024-01, pp. 79-95.
- Rukhlov, A.S., Cui, Y., Cunningham, Q., Fortin, G., and Anderson, C., 2024. Geochemical signals of carbonatite-related critical metals in provincial stream sediments. In: Geological Fieldwork 2023, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2024-01, pp. 97-122.
- Ootes, L., Rukhlov, A.S., and Han, T., 2024. British Columbia Geological Survey rock geochemical and geochronological data products: Examples of utility. In: Geological Fieldwork 2023, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2024-01, pp. 123-129.
- Mihalynuk, M.G., Zagorevski, A., Campbell, R., Hajiegeh, A., and Vaillancourt, A., 2024. Preliminary results from revision mapping of the Gladys Lake area, near Atlin, northwest British Columbia. In: Geological Fieldwork 2023, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2024-01, pp. 131-148.
- van Straaten, B.I., 2024. Upper Hazelton Group stratigraphy along the Stikine arch, northwestern British Columbia. In: Geological Fieldwork 2023, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2024-01, pp. 149-177.
- Wearmouth, C., Czertowicz, T.A., Peters, K.J., and Orovan, E., 2024. Mineral potential modelling at the British Columbia Geological Survey: Renewed methods with application to northwestern British Columbia. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2024-02, 28 p., in press.

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- Wildgust, N., Cui, Y., Clarke, G., and Hickin, A.S., 2023. British Columbia Geological Survey annual program review 2022-2023. In: Geological Fieldwork 2022, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2023-01, pp. 1-11.
- Ootes, L., 2023. Did epithermal mineralization in the northern Toadoggonne region develop synchronously with large scale folding? In: Geological Fieldwork 2022, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2023-01, pp. 13-21.

- Miller, E.A., van Straaten, B.I., and Hunter, R.C., 2023. Update on bedrock mapping in the Kitsault River area, northwestern British Columbia. In: *Geological Fieldwork 2022*, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2023-01, pp. 23-32.
- van Straaten, B.I., Friedman, R.M., and Camacho, A., 2023. Stratigraphy of the Stuhini Group (Upper Triassic) in the Galore Creek area, northwestern British Columbia. In: *Geological Fieldwork 2022*, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2023-01, pp. 33-49.
- Johnston, R., Kennedy, L., and van Straaten, B.I., 2023. Preliminary observations of a high-strain zone along the western flank of the Galore Creek deposit area, northwestern British Columbia. In: *Geological Fieldwork 2022*, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2023-01, pp. 51-63.
- Schiarizza, P., and Friedman, R.M., 2023. U-Pb zircon dates for rhyolite and sandstone of Cadwallader terrane, lower Chilcotin River area, south-central British Columbia. In: *Geological Fieldwork 2022*, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2023-01, pp. 65-84.
- Rukhlov, A.S., Coats, B., Van der Vlugt, J., Beaupre-Olsen, I.J., and Zaborniak, K., 2023. British Columbia Geological Survey Sample Archive: An emerging resource for public geoscience. In: *Geological Fieldwork 2022*, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2023-1, pp. 85-90.

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- Schiarizza, P., Orchard, M.J., and Friedman, R.M., 2022. Conodonts and detrital zircons from Triassic and Jurassic rocks above the Salmon River unconformity, Thompson Plateau, south-central British Columbia. In: *Geological Fieldwork 2021*, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2022-01, pp. 17-30.
- Ootes, L., Ferri, F., Milidragovic, D., and Wall, C., 2022. The age and provenance of the Lay Range assemblage provides an indirect record of basement to north-central Quesnellia, British Columbia. In: *Geological Fieldwork 2021*, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2022-01, pp. 31-44.
- Van Wagoner, N., and Ootes, L., 2022. Geology and geochemistry of the Kamloops Group (Eocene) in its type area, Kamloops, British Columbia. In: *Geological Fieldwork 2021*, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2022-01, pp. 45-62.
- Hunter, R.C., Sebert, C.F.B., Friedman, R., and Wall, C., 2022. Revised stratigraphy and geochronology of the Hazelton Group, host rocks for volcanogenic mineralization in the Kitsault River area, northwest British Columbia. In: *Geological Fieldwork 2021*, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2022-01, pp. 63-81.
- Stanley, B., and Nelson, J., 2022. Revised stratigraphy of the Stuhini and Hazelton groups and LA-ICP MS zircon geochronology of the Scottie gold mine area, northwestern British Columbia. In: *Geological Fieldwork 2021*, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2022-01, pp. 83-102.
- Spence, D.W., Crawford, H., Scoates, J.S., Nott, J.A., Nixon, G.T., and Milidragovic, D., 2022. Mapping ultramafic cumulates at the Tulameen ultramafic-mafic Alaskan-type intrusion, south-central British Columbia, aided by remotely piloted aircraft system photogrammetry. In: *Geological Fieldwork 2021*, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2022-01, pp. 103-122.
- Rukhlov, A.S., Mashyanov, N.R., Pitirimov, P.V., Hickin, A.S., Golovetsky, M., and Coats, B., 2022. Gaseous elemental mercury (GEM) response from sediment-covered, volcanogenic massive sulphide mineralization on southern Vancouver Island. In: *Geological Fieldwork 2021*, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2022-01, pp. 123-135.

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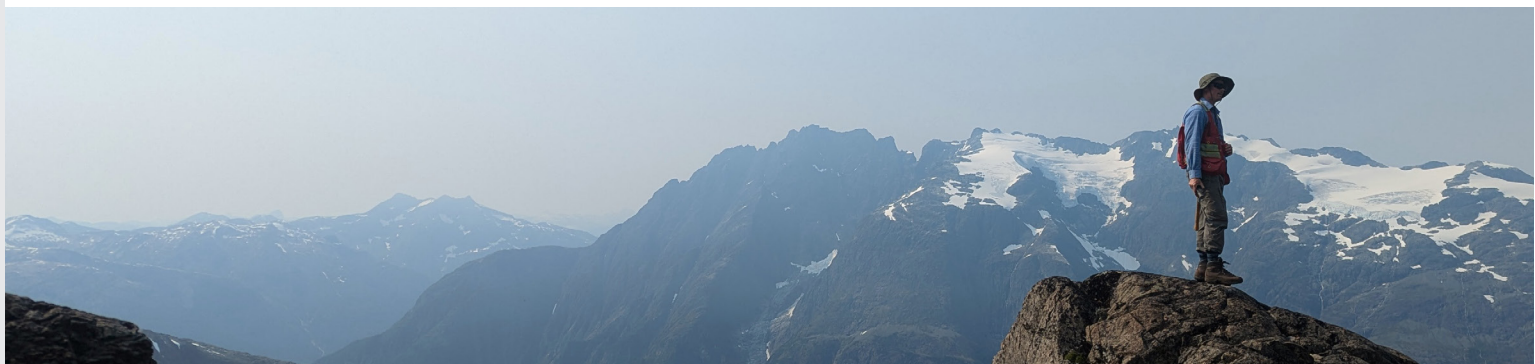
- Wildgust, N., Jones, L.D., Clarke, G., and Hickin, A.S., 2021. British Columbia Geological Survey annual program review 2020-2021. In: *Geological Fieldwork 2020*, Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2021-01, pp. 1-14.

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- Jones, G., Ootes, L., Milidragovic, D., Friedman, R., Camacho, A., Luo, Y., Vezinet, A., Pearson, D.G., and Schiarizza, P., 2021. Geochronology of northern Hogem batholith, Quesnel terrane, north-central British Columbia. In: Geological Fieldwork 2020, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2021-01, pp. 37-56.
- Ferbey, T., and Elia, E.A., 2021. Preliminary surficial geology of the northern Hogem batholith area, north-central British Columbia. In: Geological Fieldwork 2020, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2021-01, pp. 57-64.
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- Rukhlov, A.S., Ootes, L., Hickin, A.S., and Mashyanov, N.R., 2021. Near-surface mercury vapour haloes in air above ore deposits and faults on Vancouver Island: Insights into buried materials in real-time? In: Geological Fieldwork 2020, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2021-01, pp. 113-143.
- Lett, R.E., and Paulen, R.C., 2021. Soil and till geochemical surveys at the Ace mineral property, central British Columbia. In: Geological Fieldwork 2020, British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2021-01, pp. 145-165.
- Ferri, F., McMechan, M., Richards, M.B., and Friedman, R., 2021. Organic-rich Upper Devonian shales of the Patry and Exshaw formations (Besa River Group) in the subsurface of Liard basin. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2021-02, 42 p.
- Cui, Y., 2021. A geospatial frame data model to simplify digital map compilation and integration. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Paper 2021-03, 20 p.

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- Ferri, F., Jones, L.D., Clarke, G., and Hickin, A.S., 2020. British Columbia Geological Survey annual program review 2019-2020. In: Geological Fieldwork 2019, Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 2020-01, pp. 1-12.
- Schiarizza, P., Monger, J.W.H., Friedman, R.M., and Northcote, B., 2020. Detrital zircons from the Gun Lake unit, Gold Bridge area, southwestern British Columbia. In: Geological Fieldwork 2019, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 2020-01, pp. 13-24.
- Ootes, L., Bergen, A.L., Milidragovic, D., Jones, G.O., Camacho, A., and Friedman, R., 2020. An update on the geology of northern Hogem batholith and its surroundings, north-central British Columbia. In: Geological Fieldwork 2019, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 2020-01, pp. 25-47.
- Steinhorsdottir, K., Cutts, J., Dipple, G., Milidragovic, D., and Jones, F., 2020. Origin and serpentinization of ultramafic rocks in dismembered ophiolite north of Trembleur Lake, central British Columbia. In: Geological Fieldwork 2019, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 2020-01, pp. 49-58.
- Nott, J., Milidragovic, D., Nixon, G.T., and Scoates, J.S., 2020. New geological investigations of the Early Jurassic Polaris ultramafic-mafic Alaskan-type intrusion, north-central British Columbia. In: Geological Fieldwork 2019, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 2020-01, pp. 59-76.

- Miller, E.A., Kennedy, L.A., and van Straaten, B.I., 2020. Geology of the Kinskuch Lake area and Big Bulk porphyry prospect, northwestern British Columbia: Syndepositional faulting and basin formation during the Rhaetian (latest Triassic) transition from the Stuhini to the Hazelton Group. In: Geological Fieldwork 2019, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 2020-01, pp. 77-99.
- Hunter, R.C., and van Straaten, B.I., 2020. Preliminary stratigraphy and geochronology of the Hazelton Group, Kitsault River area, Stikine terrane, northwest British Columbia. In: Geological Fieldwork 2019, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 2020-01, pp. 101-118.
- Nixon, G.T., Friedman, R.M., and Creaser, R.A., 2020. Late Neogene porphyry Cu-Mo ( $\pm$ Au-Ag) mineralization in British Columbia: the Klaskish Plutonic Suite, northern Vancouver Island. In: Geological Fieldwork 2019, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 2020-01, pp. 119-132.
- Rukhlov, A.S., Fortin, G., Kaplenkov, G.N., Lett, R.E., Lai, V.W.-M., and Weis, D., 2020. Multi-media geochemical and Pb isotopic evaluation of modern drainages on Vancouver Island. In: Geological Fieldwork 2019, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 2020-01, pp. 133-167.
- Shewchuk, C., Ferbey, T., and Lian, O.B., 2020. Detecting porphyry Cu-Mo mineralization using major oxides and pathfinder elements in subglacial till, Highland Valley mine area, south-central British Columbia. In: Geological Fieldwork 2019, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 2020-01, pp. 169- 187.
- Elia, E.A., and Ferbey, T., 2020. Generating photogrammetric DEMs in the field from remotely piloted aircraft systems. In: Geological Fieldwork 2019, British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey Paper 2020-01, pp. 189-200.



## Information Circulars

### 2024

- 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.
- Corcoran, N.L., 2024. Exploration and mining in the Northwest Region, 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 55-83.
- 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.
- Pothorin, C., 2024. Exploration and mining in the South Central Region, 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.103-124.
- Hancock, K., 2024. Exploration and mining in the Southeast Region, 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. 125-135.
- Northcote, B.K., 2024. Exploration and mining in the Southwest Region, 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. 137-149.

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- Clarke, G., Northcote, B., Corcoran, N.L., Heidarian, H., and Hancock, K., 2023. Exploration and Mining in British Columbia, 2022: A summary. In: Provincial Overview of Exploration and Mining in British Columbia, 2022. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2023-01, pp. 1-48.
- Corcoran, N.L., 2023. Exploration and mining in the Northwest Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2022. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2023-01, pp. 49-76.
- Heidarian, H., 2023. Exploration and mining in the North Central and Northeast regions, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2022. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2023-01, pp. 77-92.
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- Hancock, K., 2023. Exploration and mining in the Southeast Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2022. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2023-01, pp. 115-128.
- Northcote, B., 2023. Exploration and mining in the Southwest Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2022. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2023-01, pp. 129-142.

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- Clarke, G., Northcote, B., Corcoran, N.L., and Hancock, K., 2022. Exploration and Mining in British Columbia, 2021: A summary. In: Provincial Overview of Exploration and Mining in British Columbia, 2021. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2022-01, pp. 1-42.
- Clarke, G., 2022. Exploration and mining in the Northwest Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2021. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2022-01, pp. 43-65.
- Corcoran, N.L., 2022. Exploration and mining in the North Central and Northeast regions, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2021. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2022-01, pp. 67-83.
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- Hancock, K., 2022. Exploration and mining in the Southeast Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2021. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2022-01, pp. 105-116.
- Northcote, B., 2022. Exploration and mining in the Southwest Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2021. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2022-01, pp. 117-129.

## 2021

- Clarke, G., Northcote, B., Katay, F., and Tombe, S.P., 2021. Exploration and Mining in British Columbia, 2020: A summary. In: Provincial Overview of Exploration and Mining in British Columbia, 2020. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2021-01, pp. 1-45.
- Tombe, S.P., 2021. Exploration and mining in the Northwest Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2020. British Columbia Ministry of Energy, Mines and and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2021-01, pp. 47-64.
- Clarke, G., 2021. Exploration and mining in the North Central and Northeast regions, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2020. British Columbia Ministry of Energy, Mines and and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2021-01, pp. 65-79.
- Northcote, B., 2021. Exploration and mining in the South Central Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2020. British Columbia Ministry of Energy, Mines and and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2021-01, pp. 81-100.
- Katay, F., 2021. Exploration and mining in the Southeast Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2020. British Columbia Ministry of Energy, Mines and and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2021-01, pp. 101-119.

Northcote, B., 2021. Exploration and mining in the Southwest Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2020. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey, Information Circular 2021-01, pp. 121-134.

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Clarke, G., Northcote, B., Katay, F., and Tombe, S.P., 2020. Exploration and Mining in British Columbia, 2019: A summary. In: Provincial Overview of Exploration and Mining in British Columbia, 2019. British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey, Information Circular 2020-01, pp. 1-40.

Tombe, S.P., 2020. Exploration and mining in the Northwest Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2019. British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey, Information Circular 2020-01, pp. 41-58.

Clarke, G., 2020. Exploration and mining in the North Central and Northeast regions, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2019. British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey, Information Circular 2020-01, pp. 59-73.

Northcote, B., 2020. Exploration and mining in the South Central Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2019. British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey, Information Circular 2020-01, pp. 75-94.

Katay, F., 2020. Exploration and mining in the Southeast Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2019. British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey, Information Circular 2020-01, pp. 95-112.

Northcote, B., 2020. Exploration and mining in the Southwest Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2019. British Columbia Ministry of Energy, Mines and Petroleum Resources, British Columbia Geological Survey, Information Circular 2020-01, pp. 113-126.



## Geoscience Map

### 2024

Schiarizza, P., 2024. Bedrock geology, Bonaparte Lake-Quesnel River, parts of NTS 92P, 93A, 93B. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Geoscience Map 2024-01, 1:125,000 scale.

### 2022

van Straaten, B.I., Logan, J.M., Nelson, J.L., Moynihan, D.P., Diakow, L.J., Gibson, R., Bichlmaier, S.J., Wearmouth, C.D., Friedman, R.M., Golding, M.L., Miller, E.A., and Poulton, T.P., 2022. Bedrock geology of the Dease Lake area. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey, Geoscience Map 2022-01, 1:100,000 scale.

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Mihalynuk, M.G., and Diakow, L.J., 2020. Southern Nicola arc geology. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Geoscience Map 2020-01, 1:50,000 scale, two sheets.





## Open Files

### 2024

Clarke, G., Northcote, B.K., Corcoran, N.L., Pothorin, C., Heidarian, H., and Hancock, K., 2024. Mines, mine development, selected proposed mines, and selected exploration projects in British Columbia, 2023. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Open File 2024-01.

Mihalynuk, M.G., Zagorevski, A., Campbell, R.W., Vaillancourt, A., and Hajjegah, A., 2024. Geology of the Gladys Lake area (NTS 104N/13E, 14). British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Open File 2024-02, 1:50,000 scale.

Elia, E.A., Ferbey, T., and Ward, B.C., 2024. Mapping surficial sediments in the Interior Plateau using remotely piloted aircraft system lidar. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Open File, 2024-03, 12 p.

Ferbey, T., Elia, E.A., Shives, R.B.K., Martin-Burtart, N., Best, M., and Ward, B.C., 2024. Quantifying potassium concentrations in Interior Plateau surface sediments using remotely piloted aircraft system gamma-ray spectrometry. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Open File 2024-04, 19 p.

Wearmouth, C., Czertowicz, T., Peters, K.J., and Orovan, E., 2024. Preliminary mineral potential maps for the porphyry, volcanic massive sulphide, and magmatic mafic-ultramafic mineral systems, northwestern British Columbia. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Open File 2024-05, 1:800,000 scale, in press.

Ootes, L. and Wall, C., 2024. High-precision U-Pb zircon igneous crystallization and detrital zircon maximum depositional ages from the Toodoggone region, north-central British Columbia. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Open File 2024-06, 10 p.

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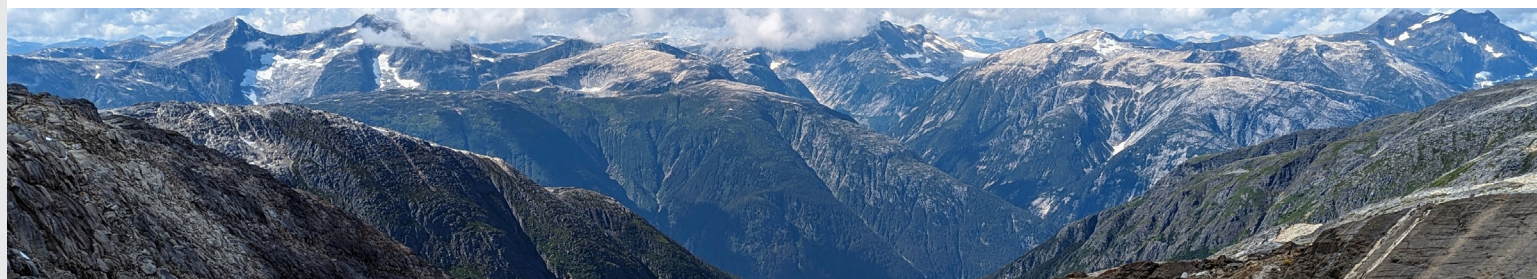
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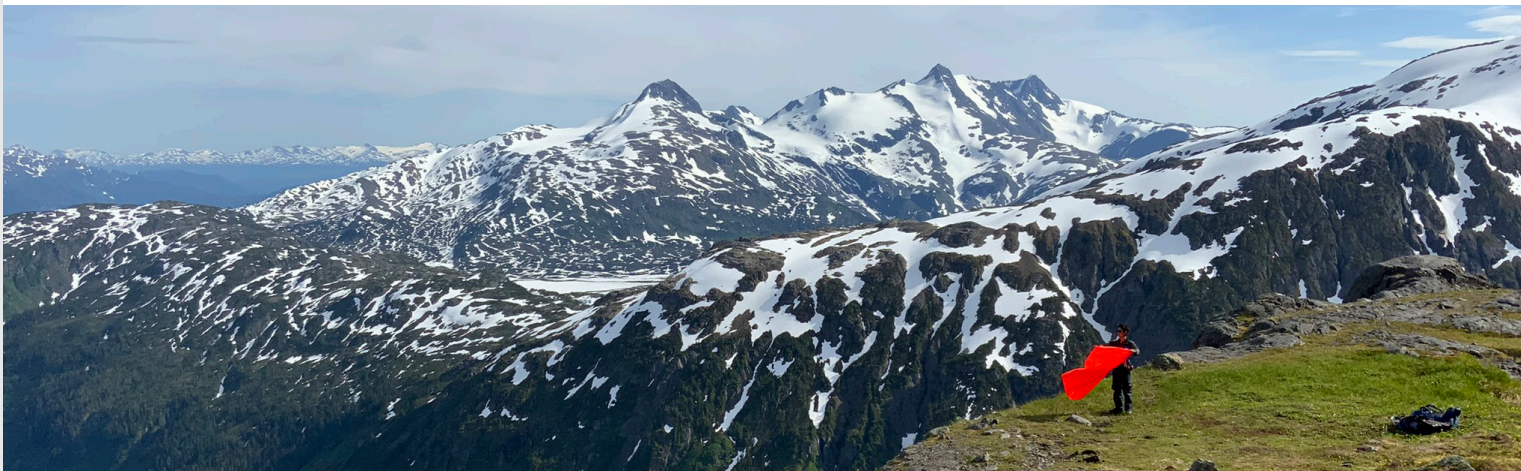
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