

# British Columbia Geological Survey selected publications 2025



Ministry of  
Mining and  
Critical Minerals

Information Circular 2026-04

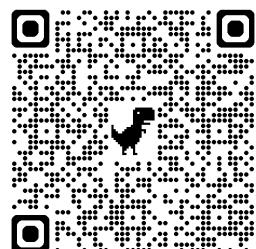


## British Columbia Geological Survey publications

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 1895, 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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BC Geological Survey newsletter

# Papers

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, 28p.

Hickin, A.S., Cui, Y., Clarke, G., Ootes, L., and van Straaten, B.I., 2025. British Columbia Geological Survey annual program review 2024-2025. In: Geological Fieldwork 2024, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2025-01, pp. 1-15.

Miller, E.A., Ferri, M.D., van Straaten, B.I., and Wall, C., 2025. Stratigraphic framework, structural setting, and timing of VMS, epithermal, and porphyry mineralization in the Kitsault River area, northwest British Columbia. In: Geological Fieldwork 2024, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2025-01, pp. 17-47.

Campbell, R.W., and van Straaten, B.I., 2025. New data on Late Triassic to late Early Jurassic plutonic suites in the northern Golden Triangle region of northwest British Columbia. In: Geological Fieldwork 2024, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2025-01, pp. 49-72.

Orovan, E.A., Ebert, S., Baldazzi, P., Saxton, D., and Goudie, D.J., 2025. Critical minerals at the Berg and Huckleberry porphyry deposits, British Columbia, using scanning electron microscopy-mineral liberation analysis (SEM-MLA). In: Geological Fieldwork 2024, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2025-01, pp. 73-84.

Wang, X., Jiao, R., and Ootes, L., 2025. Apatite fission track data from northern Hogem batholith, Quesnel terrane, north-central British Columbia: A progress report. In: Geological Fieldwork 2024, Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2025-01, pp. 85-91.

Morris, R., Canil, D., and Lacourse, T., 2025. An optimized rapid analytical workflow for applying magnetite as an indicator mineral for porphyry copper deposits. In: Geological Fieldwork 2024, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2025-01, pp. 93-103.

Mihalynuk, M.G., Wall, C., and Zagorevski, A., 2025. Time of deposition refinements for key stratigraphic intervals of the Nicola Group, southern British Columbia. In: Geological Fieldwork 2024, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2025-01, pp. 105-118.

Rukhlov, A.S., Ootes, L., Creaser, R.A., Cunningham, Q.F., de Waal, F.S., and Wenger, D.K., 2025. British Columbia carbonatites revisited: New whole rock Sr-Pb-Nd isotopic insights and drainage prospectivity trends. In: Geological Fieldwork 2024, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2025-01, pp. 119-139.

Graham, A.C., Wearmouth, C.D., Northcote, B., and Ootes, L., 2025. A preliminary assessment of critical companion elements in SEDEX deposits of eastern British Columbia: Examples from the historic Sullivan mine and the Cirque project. In: Geological Fieldwork 2024, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2025-01, pp. 141-152.

Bain, W.M., de Waal, F., and Goudie, D.J., 2025. Co-Te mineralization in iron skarns on Vancouver Island and Texada Island. In: Geological Fieldwork 2024, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2025-01, pp. 153-175.

Rukhlov, A.S., Ootes, L., and Han, T., 2025. British Columbia radiogenic isotope compilation (Sr-Nd-Hf-Pb): Introduction and examples of utility. In: Geological Fieldwork 2024, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2025-01, pp. 177-188.

Piercey, S.J., Pietruszka, D., and Goudie, D., 2025. Critical metals in volcanogenic massive sulphide (VMS) deposits in British Columbia: A progress report. In: Geological Fieldwork 2024, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2025-01, pp. 189-201.

Appendix: British Columbia Geological Survey Publications 2024, including peer-reviewed external papers co-authored by BCGS staff. pp. 203-207.



# Geoscience Maps

Sauvé, M., Ward, B., and Ferbey, T., 2025. Surficial geology of the Kinaskan Lake area, British Columbia (parts of NTS 104G/08, 09, 16, and 104H/12, 13). British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Geoscience Map 2025-01, 1:50,000 scale.

Ferbey, T. and Elia, E.A., 2025. Surficial geology of the Nanitsch Lake area (NTS 94D/1), British Columbia. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Geoscience Map 2025-02, 1:50,000 scale.

Ferbey, T. and Elia, E.A., 2025. Surficial geology of the Carruthers Pass area (NTS 94D/8), British Columbia. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Geoscience Map 2025-03, 1:50,000 scale.

## Open Files

Mihalynuk, M.G., Zagorevski, A., Campbell, R.W., Vaillancourt, A., and Haji Egeh, A., 2024. Geology of the western Gladys Lake area (NTS 104N/13E, 14). British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Open File 2024-02, 1:50,000 scale.

Wearmouth, C., Czertowicz, T.A., Peters, K.J., and Orován, 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.

Wearmouth, C., Czertowicz, T.A., Peters, K.J., 2024. Preliminary mineral potential maps for the SEDEX and MVT mineral systems, northeastern British Columbia. British Columbia Ministry of Energy, Mines and Low Carbon Innovation, British Columbia Geological Survey Open File 2024-11, 1:500,000 scale.

Clarke, G., Northcote, B.K., Corcoran, N.L., Pothorin, C., Heidarian, H., and Hancock, K., 2025. Mines, mine development, selected proposed mines, and selected exploration projects in British Columbia, 2024. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Open File 2025-01.

Höy, T. and DeFields, G.M., 2025. Geology of the Lightning Peak map area (NTS 082E/15). British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Open File 2025-02, scale 1:50,000.



# GeoFiles

Clarke, G., Northcote, B.K., Corcoran, N.L., Pothorin, C., Heidarian, H., and Hancock, K., 2025. Exploration and mining in British Columbia, 2024. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-01 (poster).

Corcoran, N.L., 2025. Exploration and mining highlights, Northwest Region, 2024. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-02 (poster).

Heidarian, H., 2025. Exploration and mining highlights, North Central and Northeast regions, 2024. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-03 (poster).

Pothorin, C., 2025. Exploration and mining highlights, South Central Region, 2024. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-04 (poster).

Hancock, K., 2025. Exploration and mining highlights, Southeast Region, 2024. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-05 (poster).

Northcote, B.K., 2025. Exploration and mining highlights, Southwest Region, 2024. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-06 (poster).

Wallace, B., Grundy, R., and Harrison, D., 2025. Assessment report summary: Expenditures and activities 2022. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-07 (poster).

British Columbia Geological Survey, 2025. British Columbia radiogenic isotope compilation (Sr-Nd-Hf-Pb). British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey, GeoFile 2025-08, 1 p.

Rukhlov, A.S., Ootes, L., Creaser, R.A., Cunningham, Q.F., de Waal, F.S., and Wenger, D.K., 2025. Supplementary data for British Columbia carbonatites revisited: New whole rock Sr-Pb-Nd isotopic insights and drainage prospectivity trends. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey, GeoFile 2025-09, 4 p.

Morris, R., Canil, D., and Lacourse, T., 2025. LA-ICP-MS data files for optimized workflow analyses and reproducibility of hydrothermal magnetite as an indicator for porphyry copper deposits. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-10, 1 p.

Fortin, G., and Silva, P.L., 2025. Assessment report drillhole database: Development and initial data release. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-11, 9 p.

Piercey, S.J., 2025. Assay data for volcanogenic massive sulfide (VMS) deposit samples from British Columbia. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-12, 3 p.

Graham, A.C., and Ootes, L., 2025. Geochemical analyses of SEDEX deposits in eastern British Columbia. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-13, 9 p.

Bailey, L., Kim, R., Takaichi, M., Logan, J., Crowley, J., Friedman, R., Wall, C., van Straaten, B.I., and Campbell, R., 2025. U-Pb geochronological data for intrusive rocks near the Schaft Creek and Galore Creek deposits (southern Telegraph Creek area, NTS 104G), northwestern British Columbia. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-14, 16 p.

Mihalynuk, M.G., Friedman, R.M., and Wall, C., 2025. U-Pb geochronologic data from samples collected as part of the Southern Nicola Arc Project. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey, GeoFile 2025-15, 7 p.

Gabites, J.E., and Mihalynuk, M.G., 2025.  $^{40}\text{Ar}/^{39}\text{Ar}$  geochronologic data from samples collected as part of the Southern Nicola Arc Project. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile, 2025-16, 9 p.

Cordey, F., Zagorevski, A., and Mihalynuk, M.G., 2025. Report on samples collected for radiolaria identification, Atlin area, northwest British Columbia. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-17, 3 p.

Mihalynuk, M.G., Wall, C., and Zagorevski, A., 2025. Volcanic evolution and refinement of stratigraphy hosting porphyry systems in the southern Nicola arc. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile, 2025-18 (poster).

Northcote, B.K., 2025. Sedimentary hosted lead-zinc deposits in British Columbia. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey, GeoFile 2025-19, 23 p.

Miller, E.A., van Straaten, B.I., Ferri, M.D., and Hunter, R., 2025. Preliminary bedrock geology of the Kitsault River area, northwestern British Columbia: GIS data. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-20, 3 p.

Miller, E.A., Ferri, M.D., Wall, C., Creaser, R.A., van Straaten, B.I., and Graham, A.C., 2025. New geochronologic data, Kitsault River area, northwestern British Columbia: Igneous zircons (high-precision CA-TIMS), detrital zircons (LA-ICP-MS), and molybdenite (Re-Os). British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-21, 6 p.

Bacha, R. R. B., 2025. Field trip guidebook to the geology near Merritt, south-central British Columbia, for the Citxw Nlaka'pamux Assembly. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-22, 14 p.

Graham, A.C., Orovan, E., Wall, C., Goudie, D., Creaser, R., Layton-Matthews, D., and Ootes, L., 2025. Data release from critical mineral studies of the Kitsault, Huckleberry, and Berg porphyry deposits. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey GeoFile 2025-23, 7p.

British Columbia Geological Survey, 2025. Pan-Canadian workshop on mineral potential modelling, September 23, 2025, program with extended abstracts. British Columbia Geological Survey GeoFile 2025-24, 37 p.



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Clarke, G., Northcote, B.K., Corcoran, N.L., Pothorin C., Heidarian, H., and Hancock, K., 2025. Exploration and Mining in British Columbia, 2024: A summary. In: Provincial Overview of Exploration and Mining in British Columbia, 2024, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-01, pp. 1-60.

Corcoran, N., 2025. Exploration and mining in the Northwest Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2024. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-01, pp. 61-91.

Heidarian, H., 2025. Exploration and mining in the North Central and Northeast regions, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2024. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-01, pp. 93-113.

Pothorin, C., 2025. Exploration and mining in the South Central Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2024. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-01, pp. 115-143.

Hancock, K., 2025. Exploration and mining in the Southeast Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2024. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-01, pp. 145-156.

Northcote, B.K., 2025. Exploration and mining in the Southwest Region, British Columbia. In: Provincial Overview of Exploration and Mining in British Columbia, 2024. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-01, pp. 157-170.

British Columbia Geological Survey, 2025. British Columbia Geological Survey. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-02, 14p. (brochure)

British Columbia Geological Survey, 2025. Mineral Development Office. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-03, 4p. (brochure)

British Columbia Geological Survey, 2025. Online databases at the British Columbia Geological Survey. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-04, 14p. (brochure)

British Columbia Geological Survey, 2025. Geoscience engagement at the British Columbia Geological Survey. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-05, 4p. (brochure)

British Columbia Geological Survey, 2025. Critical minerals research at the British Columbia Geological Survey. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-06, 4p. (brochure)

British Columbia Geological Survey, 2025. Mineral potential modelling at the British Columbia Geological Survey. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-07, 4p. (brochure)

British Columbia Geological Survey, 2025. British Columbia Geological Survey publications, 2020 to 2024. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-08, 8p. (brochure)

British Columbia Geological Survey, 2025. High-resolution aeromagnetic compilations of British Columbia. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-09, 2p. (brochure)

British Columbia Geological Survey, 2025. Tahltan Land Use Planning area mineral potential map for porphyry, volcanogenic massive sulphide (VMS), and magmatic mafic-ultramafic deposits. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-10, 2p.

British Columbia Geological Survey, 2025. Kaska Land Use Planning area mineral potential map for porphyry, volcanogenic massive sulphide (VMS), magmatic mafic-ultramafic, sedimentary exhalative (SEDEX) and Mississippi Valley Type (MVT) deposits. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-11, 2p.

British Columbia Geological Survey, 2025. Meziadin Land Use Planning area mineral potential map for porphyry, volcanogenic massive sulphide (VMS), and magmatic mafic-ultramafic deposits. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-12, 2p.

British Columbia Geological Survey, 2025. TRT Land Use Planning area mineral potential map for porphyry, volcanogenic massive sulphide (VMS), and magmatic mafic-ultramafic deposits. British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Information Circular 2025-13, 2p.



# External peer-reviewed journal papers and volume publications

Abazu, G., Brook, M.S., Druskovich, B., Brideau, M.-A., and Hayward, B.W., 2025. Rainfall-triggered landslides from the January 2023 1-in-200 year storm at Maungakiekie/One Tree Hill, Auckland, New Zealand. *New Zealand Journal of Geology and Geophysics*, 68, 1049-1063.

<https://doi.org/10.1080/00288306.2025.2479699>

Abdale, L., Millonig, L., Nelson, J., Groat, L.A., and Gerdes, A., 2025. Temporal evolution of enriched mantle sources in the southeastern Canadian Cordillera revealed by zircon geochronology and Hf isotopes in carbonatites. *Chemical Geology*, 695, article 123044.

<https://doi.org/10.1016/j.chemgeo.2025.123044>

Hardman, M.F., Pearson, D.G., DuFrane, S.A., Cabral-Neto, I., Azzone, R.G., Shu, Q., Hinde, J., and Rukhlov, A.S., 2025. Improved trace element discrimination of kimberlitic and carbonatitic zircon: implications for zircon origin in kimberlite and the search for superdeep diamonds. *Mineralogy and Petrology*, 119, 583-605.

<https://doi.org/10.1007/s00710-025-00916-2>

Heidarian, H., Lentz, D.R., Thorne, K.G., and McFarlane, C.R.M., 2025. Mineralogy, geochronology, and stable isotope geochemistry of gold mineralization in the Belleisle Bay and Annidale groups, southwestern New Brunswick, Canada. *Ore Geology Reviews*, 178, article 106899.

<https://doi.org/10.1016/j.oregeorev.2025.106899>

Orchard, M.J., Friedman, R.M., and Mihalynuk, M.G., 2025. Conodonts identify the lower-middle Norian boundary in association with ~224 Ma U-Pb dates from the Nicola Group, southern British Columbia, Canada. *Journal of the Geological Society*, 182.

<https://doi.org/10.1144/jgs2024-299>

Lawley, C.J.M., Petts, D.C., Lee, W.-S., Cajal, Y., Carrasco-Godoy, C., Campbell, I., Dlugosz, J., Larson, K., Savard, D., Kjarsgaard, I., and van Straaten, B., 2025. Critical raw material potential of porphyry copper-gold deposits in the Golden Triangle, British Columbia, Canada. *Ore Geology Reviews*, article 106463.

<https://doi.org/10.1016/j.oregeorev.2025.106463>

Lockie, J., Ielpi, A., Canam, R., Perrot, M.G., Davies, J.H.F.L., and Ootes, L., 2025. Orogenic unroofing of the Talton and Thelon orogens depicted through detrital zircon geochronology of the Sosan Group, Great Slave Lake Supergroup (Northwest Territories, Canada). *Precambrian Research*, 419, article 107706.

<https://doi.org/10.1016/j.precamres.2025.107706>

Mashyanov, N.R., Rukhlov, A.S., Sholupov, S.E., Ryzhov, V.V., Shashko, A.D., Perkins, E., Barnes, W., 2025. New methodology for air mercury surveys over mineralization. *Explore*, 208, 1-19.

<https://doi.org/10.70499/ZXZS8433>

## Contributions to partner publications

Abdale, L., Nelson, J.L., Millonig, L.J., and Groat, L.A., 2025. Preliminary insights into carbonatite genesis, and future directions using uranium-lead zircon ages and hafnium isotopic signatures of alkaline rocks from the Canadian Cordillera, southeastern British Columbia. In: *Geoscience BC Summary of Activities 2024*, Geoscience BC, Report 2025-01, pp. 47-56.

Brideau, M.-A., Brayshaw, D., Hancock, C.-A., Lipovsky, P., Cronmiller, D., Lewkowicz, A., Geertsema, M., McGregor, C., Tannant, D., Friele, P., Clarke, J., Steelquist, A., Wong-Teichroeb, H., Ring, C., and Wells, G., 2025. Preliminary Canadian landslide database (13.0), Zenodo dataset.

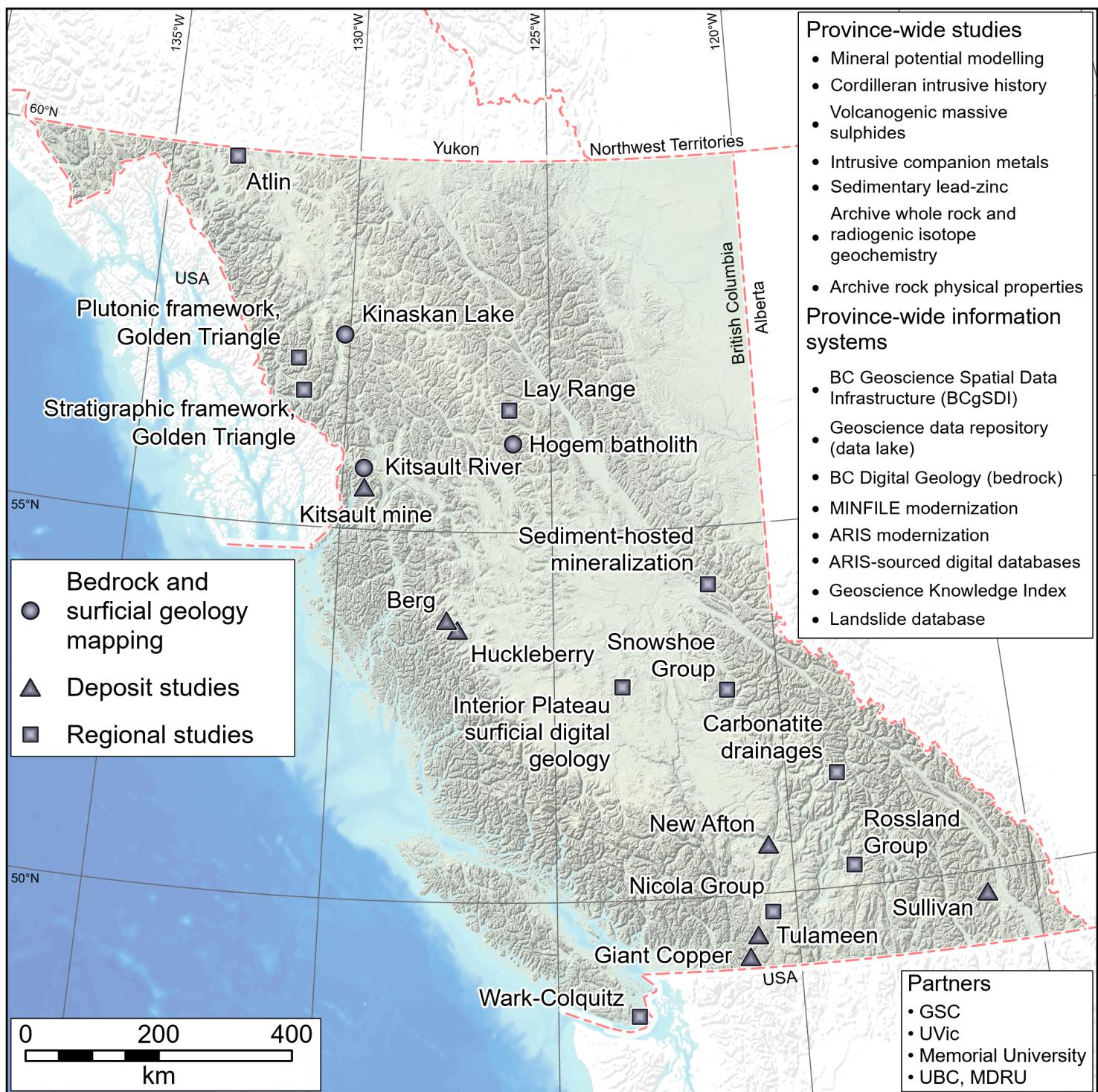
<https://doi.org/10.5281/zenodo.17219072>



# 2025 Projects

With a focus on the critical minerals needed for a low-carbon future and to promote competitiveness on the global stage, the Survey continued to carry out bedrock and surficial geology mapping, deposit studies, regional studies, and province-wide studies, and advance work on information systems.

Survey critical mineral geoscience provides the knowledge that will attract investment and inform decisions, enabling British Columbia to responsibly contribute the raw materials needed to transition to a green economy and curb climate change.





# Geological Fieldwork 2025

## A Summary of Field Activities and Current Research

### Paper 2026-01 Geological Fieldwork 2025 in press

Geological Fieldwork 2025. British Columbia Ministry of Energy, Mines Low Carbon Innovation, British Columbia Geological Survey Paper 2026-01, in press.

Brideau, M.-A., Cui, Y., Clarke, G., and Hickin, A.S., 2026. British Columbia Geological Survey annual program review 2025-2026. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Hickin, A.S., 2026. British Columbia Geological Survey's contributions to the Pan-Canadian Geoscience Strategy 2020-2025. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Wei, C., Pietruszka, D.K., Piercy, S.J., Aylward, W., Kommescher, S., Scanlan, E., and Layton-Matthews, D., 2026. Critical metal distributions in volcanogenic massive sulfide (VMS) deposits in British Columbia: A progress report. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Ootes, L., Graham, A.C., Whitmore, K., Goudie, D., Piercy, S.J., Barker, S., Milnes, S., and McFarlane, C., 2026. Mineralogical control on critical companion metal distribution: Expanded workflow, with examples from the Sullivan Pb-Zn-Ag deposit. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Graham, A.C., Vaughan-Forrester, K., Ootes, L., Bain, W., Campbell, R., and Goudie, D., 2026. Critical companion metals in porphyry deposits: Lithogeochemistry and quantitative mineralogy from the Schaft Creek, Mount Polley, and New Afton deposits. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Rukhlov, A.S., Ootes, L., and Cunningham, Q.F., 2026. Scanning electron microscopy-mineral liberation analysis (SEM-MLA) of modern drainages validates geochemical Nb-Ta-REE signal (carbonatite index). In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Ootes, L., Wall, C., and Mihalynuk, M., 2026. Rossland Group extends north: Detrital zircon U-Pb ages allow supracrustal unit re-assignments in southern British Columbia. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

van Straaten, B.I., 2026. A Triassic-Jurassic stratigraphic framework for the Golden Triangle, northwestern British Columbia: A project update. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Campbell, R.W., Gibson, K., van Straaten, B.I., Creaser, R.A., and Oliver, J., 2026.. Paleozoic to Eocene intrusions in the Golden Triangle, northwestern British Columbia: A project update. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Zagorevski, A., Cordey, F., Mihalynuk, M.G. and Vaillancourt, A., 2026. Application of radiolarian biostratigraphy in constraining geology of the northern Canadian Cordillera, British Columbia and Yukon. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Ferri, F. and Friedman, R., 2026. Permian volcanism along the western edge of Ancestral North America in the Lay Range of north-central British Columbia. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Ferri, F. and Friedman, R., 2026. Permian igneous activity in rocks of the Snowshoe Group near Likely, British Columbia. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Mihalynuk, M.G. and Gabites, J.E., 2026. 24 Ma Giant Copper polymetallic porphyry-related breccia in the Baker belt, southwest British Columbia. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Nelson, J.L., 2026. Early Jurassic intrusion and deformation in the Wark-Colquitz complex, Victoria, British Columbia. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Elia, E.A., and Ferbey, T., 2026. Interior Plateau surficial geology compilation: Selection and standardization of maps and data. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Zhang, D., Brideau, M-A., and Szponarski, K., 2026. Geoscience knowledge index map of British Columbia. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Cui, Y., Norris, J., and Fortin, G., 2026. BC Geoscience Spatial Data Infrastructure (BCgSDI): A progress report. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Bacha, R. R. B., 2026. Data sharing for Indigenous Peoples engagement: What and how. In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Brideau, M.-A., Brayshaw, D., and Hancock C-A., 2026. Highlights for British Columbia from the Preliminary Canadian Landslide Database (version 13). In: Geological Fieldwork 2025, British Columbia Ministry of Mining and Critical Minerals, British Columbia Geological Survey Paper 2026-01, in press.

Appendix: British Columbia Geological Survey Publications 2025, including peer-reviewed external papers co-authored by BCGS staff, in press.





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