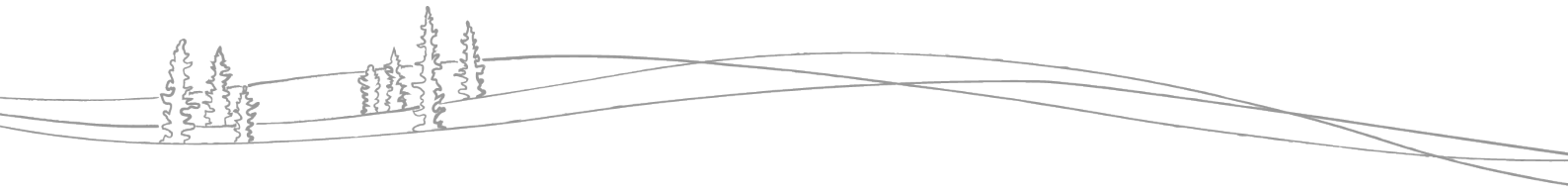




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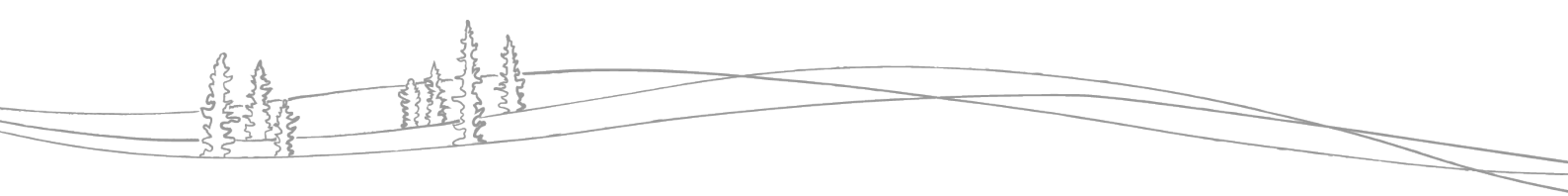
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Summary 2015–2016

NWT Open Reports: 15
NWT Open Files: 6
External: NA
Extras (Overviews and GSF abstract Vol): 2
Assessment Reports: NA

Falck, H., and Gochnauer, K. 2016. 2015 Northwest Territories Mineral Exploration Overview: Updated February 2016; Northwest Territories Geological Survey, 34 pages.

Fischer, B.J., Covello, L., and Mirza, A.M., 2015. Historical aeromagnetic surveys over the north shore of the East Arm, Great Slave Lake, NWT; Northwest Territories Geological Survey, NWT Open File 2015-02, digital data.
<https://doi.org/10.46887/2015-02>

Geological Survey of Canada, 2015. Surficial geology, Snowbird Lake, Northwest Territories, NTS 65D; Geological Survey of Canada, Canadian Geoscience Map (preliminary, Surficial Data Model v.2.0 conversion of NWT Open File 2006-02); Northwest Territories Geological Survey, NWT Open File 2015-03, scale 1:125 000. <https://doi.org/10.46887/2015-03>

Irwin, D., 2016. Mineral showings, petroleum wells and generalized geology of the Inuvialuit settlement area; Northwest Territories Geological Survey, NWT Open Report 2016-004, 1 poster in Adobe® PDF format.
<https://doi.org/10.46887/2016-004>

Irwin, D., Normandeau, P.X., and Gervais, S.D. (compilers), 2015. 43rd Annual Yellowknife Geoscience Forum Abstracts; Northwest Territories Geological Survey, Yellowknife, Northwest Territories. YKGSF Abstracts Volume 2015.

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<https://doi.org/10.46887/2015-014>

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<https://doi.org/10.46887/2015-016>

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<https://doi.org/10.46887/2015-018>

- NTGS, BCOGC, BC MNGD, YGS, and NEB., 2016. The unconventional gas resources of Mississippian-Devonian shales in the Liard Basin of British Columbia, the Northwest Territories, and Yukon; Northwest Territories Geological Survey, NWT Open File 2016-05; National Energy Board, Energy Briefing Note, 16 pages. <https://doi.org/10.46887/2016-05>
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- Palmer, M.J., Galloway, J.M., Jamieson, H.E., Patterson, R.T., Falck, H., and Kokelj, S.V., 2016. The concentration of arsenic in lake waters of the Yellowknife area; Northwest Territories Geological Survey, NWT Open File 2015-06, 25 pages. <https://doi.org/10.46887/2015-06>
- Palmer, E.M., Lentz, D.R., and Falck, H., 2015. Gamma-ray spectrometry analysis of selected rare-element bearing granitic pegmatites in the Yellowknife pegmatite field, NWT: Preliminary evaluation of exploration potential; Northwest Territories Geological Survey, NWT Open Report 2015-010, 10 pages. <https://doi.org/10.46887/2015-010>
- Pierce, K.L., and Falck, H., 2015. Delineation of watersheds in the Mackenzie Mountains; Northwest Territories Geological Survey, NWT Open Report 2015-007, ESRI® digital files. <https://doi.org/10.46887/2015-007>
- Stubley, M., Bégin, N., and Irwin, D., 2015. Geology of the Smoky Lake area, southern Slave Province, parts of NTS 85P/3 & 6 (a digital re-release of EGS 1993-05 in ESRI® and Adobe® formats); Northwest Territories Geological Survey, NWT Open Report 2015-011. <https://doi.org/10.46887/2015-011>
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Summary 2016–2017

Open Reports: 31

Open Files: 5

External: 10

Extras (Overviews and Annual Yellowknife Geoscience Forum Abstract Volume): 3

Assessment Reports: NA

Berger, A., Cousens, B., Ootes, L., and Jackson, V.A., 2015. Geochemistry of late Archean rocks from the Slave craton, Northwest Territories; Northwest Territories Geological Survey, NWT Open Report 2015-029, 37 pages.

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<https://doi.org/10.46887/2015-07>

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<https://doi.org/10.46887/2016-001>

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- Jackson, V.A., and Ootes, L., 2016. Petrographic summary of samples from the Snare River volcanic belt, Northwest Territories (NTS 85 O/13); Northwest Territories Geological Survey, NWT Open Report 2015-027, 47 pages. <https://doi.org/10.46887/2015-027>
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- Jackson, V.A., Williams, B., Berger, A., Ootes, L., and Hamilton, M.A., 2015. Geology of some of the volcanic rocks at Wijinnedi Lake – Snare River, southern Slave craton, NWT (part of NTS 85O/13); Northwest Territories Geological Survey, NWT Open Report 2015-025, 1:15,000 scale map and accompanying report, 34 pages. <https://doi.org/10.46887/2015-025>
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- Mirza, A.M., and Elliott, B., 2017. Airborne electromagnetic and horizontal-gradient magnetic survey of the central Slave craton area, Northwest Territories, parts of NTS 75M, N, and 76D; Northwest Territories Geological Survey; NWT Open Report 2017-015, 121 pages with 54 maps and digital data. <https://doi.org/10.46887/2017-015>

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- Normandeau, P.X., Elliott, B., and Gervais, S.D., 2016. Slave Province Surficial Materials and Permafrost Study – Geochemical and textural data from the 2015 Reverse Circulation Drilling Program; Northwest Territories Geological Survey, NWT Open Report 2016-012, 12 pages and appendix. <https://doi.org/10.46887/2016-012>
- NTGS, BCOGC, BC MNGD, YGS, NEB, 2016. The Unconventional Gas Resources of Mississippian-Devonian Shales in the Liard Basin of British Columbia, the Northwest Territories, and Yukon; Northwest Territories Geological Survey, NWT Open File 2016-05; National Energy Board, Energy Briefing Note (March 2016), 16 pages. <https://doi.org/10.46887/2016-05>
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- Palmer, E.M., Lentz, D.R., and Falck, H., 2016. Field and lithogeochemical data for the Prestige pluton and surrounding pegmatites, NWT, Canada; Northwest Territories Geological Survey, NWT Open Report 2016-003, 16 pages. <https://doi.org/10.46887/2016-003>
- Pyle, L.J., Rocheleau, J., and Fiess, K.M., 2015. Devonian and Cretaceous hydrocarbon source rocks, Central Mackenzie Valley, Northwest Territories (Presentation at the Yellowknife Geoscience Forum, 2014); Northwest Territories Geological Survey, NWT Open Report 2015-003, 23 pages. <https://doi.org/10.46887/2015-003>
- Segal, R.A., Kokelj, S.V., Lantz, T.C., Pierce, K.L., Durkee, K., Gervais, S., Mahon, E., Snijders, M., Buysse, J., and Schwarz, S., 2016. Mapping of terrain affected by retrogressive thaw slumping in northwestern Canada; Northwest Territories Geological Survey, NWT Open Report 2016-023, 5 pages. <https://doi.org/10.46887/2016-023>
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External Publications

- Haiblen, A.M., Ward, B.C., Campbell, J.E., and Normandeau, P.X., 2016. Landform-sediment associations within 'subglacial meltwater corridors' reflect channelised subglacial hydraulic conditions during deglaciation on the Canadian Shield. 2016, C33A-0758. AGU Fall Meeting Abstracts.
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- Haugaard, R., Ootes, L., Heaman, L.M., Hamilton, M.A., Shaulis, B.J., and Konhauser, K., 2017. Depositional timing of Neoarchean turbidites of the Slave craton—Recommended nomenclature and type localities; *Canadian Journal of Earth Sciences*, volume 54, number 1, pages 15–32. <https://doi.org/10.1139/cjes-2016-0098>
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Summary 2017–2018

Open Reports: 8

Open Files: 6

External: 10

Extras (Overviews and Annual Yellowknife Geoscience Forum Abstract Volume): 3

Assessment Reports: NA

Cummings, D.I., 2018. Slave province surficial material and permafrost study – Quaternary geology of the 2012 Diavik Diamond Mines Inc. Till sample grid, Lac de Gras area, NWT (NTS 76C) – Map and Technical Report; Northwest Territories Geological Survey, NWT Open Report 2017-012, 87 pages, appendix, and digital data.

<https://doi.org/10.46887/2017-012>

Falck, H., Cairns, S., Robb, M., and Powell, L., 2018. 2017 Northwest Territories Mineral Exploration Overview: February 2018; Northwest Territories Geological Survey, 30 pages.

Fischer, B.J., 2018. Carlin-type gold and clastic-dominated zinc-lead potential of the Misty Creek embayment region, Mackenzie Mountains, Northwest Territories; Northwest Territories Geological Survey, NWT Open File 2017-02, 90 pages. <https://doi.org/10.46887/2017-02>

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<https://doi.org/10.46887/2018-02>

Geological Survey of Canada, 2017. Surficial geology, Snowbird Lake, Northwest Territories, NTS 65D; Geological Survey of Canada, Canadian Geoscience Map 202 (2nd edition, preliminary, Surficial Data Model v. 2.3 conversion of NWT Open File 2015-03); Northwest Territories Geological Survey, NWT Open File 2017-04, scale 1:125 000.

<https://doi.org/10.46887/2017-04>

Irwin, D., 2017. Mineral showings, petroleum wells and generalized geology of parts of the south Slave and north Slave regions, Northwest Territories; Northwest Territories Geological Survey, NWT Open Report 2017-022, 1 poster in Adobe® PDF format. <https://doi.org/10.46887/2017-022>

Irwin, D., Gervais, S.D., and Terlaky, V. (compilers), 2017. 45th Annual Yellowknife Geoscience Forum Abstracts; Northwest Territories Geological Survey, Yellowknife, Northwest Territories. YKGSF Abstracts Volume 2017.

Jamieson, H.E., Maitland, K.M., Oliver, J.T., and Palmer, M.J., 2017. Regional distribution of arsenic in near-surface soils in the Yellowknife area; Northwest Territories Geological Survey, NWT Open File 2017-03, 28 pages and appendices.

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Lantz, T.C., Steedman, A.E., Kokelj, S.V., and Segal, R.A., 2017. Inventory of polygonal terrain in the Tuktoyaktuk coastlands, Northwest Territories; Northwest Territories Geological Survey, NWT Open Report 2016-022, 10 pages and digital data. <https://doi.org/10.46887/2016-022>

Martel, E., Fischer, B.J., Pierce, K.L., and Falck, H., 2018. Geology of the Mactung tungsten skarn deposit; Northwest Territories Geological Survey, NWT Open File 2018-01, 1 map at 1:10 000 scale and digital files.

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- Mirza, A.M., and Prowse, N.D., 2018. Slave province surficial materials and permafrost study - 100 MHz and 500 MHz ground penetrating radar survey data, Lac de Gras area, Northwest Territories; Northwest Territories Geological Survey, NWT Open Report 2017-001, 13 pages and appendices. <https://doi.org/10.46887/2017-001>
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