

**Table 3.** Reference list for maps listed in Table 2. Additional references for sources of field datasets are also included at the end of this list.

- Arsenault, L., Aylsworth, J. M., Kettles, I. M. & Shilts, W. W. 1981a: Surficial geology, Kaminak Lake, District of Keewatin. *Geological Survey of Canada, Preliminary Map 7-1979 (CGM 245)*.
- Arsenault, L., Aylsworth, J. M., Cunningham, C. M., Kettles, I.M. & Shilts, W. W. 1981b: Surficial geology, Eskimo Point, District of Keewatin. *Geological Survey of Canada, Preliminary Map 8-1980 (CGM 240)*.
- Arsenault, L., Aylsworth, J. M., Kettles, I.M. & Shilts, W. W. 1981c: Surficial Geology, Dawson Inlet, District of Keewatin. *Geological Survey of Canada, Preliminary Map 9-1979 (CGM 241)*.
- Aylsworth, J. M. 1986: Surficial geology, Nuelin Lake, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 6-1985 (CGM 327)*.
- Aylsworth, J. M. 1989: Surficial geology, Watterson Lake, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 1-1988 (CGM 328)*.
- Aylsworth, J. M. 1990a: Surficial geology, Aberdeen Lake, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 44-1989 (CGM 323)*.
- Aylsworth, J. M. 1990b: Surficial Geology, Armit Lake, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 45-1989 (CGM 387)*.
- Aylsworth, J. M. 1990c: Surficial Geology, Tehery Lake, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 46-1989 (CGM 343)*.
- Aylsworth, J. M., Cunningham, C.M. & Shilts, W.W. 1981a: Surficial geology, Ferguson Lake, District of Keewatin. *Geological Survey of Canada, Preliminary Map 2-1979 (CGM 85)*.
- Aylsworth, J. M., Cunningham, C.M. & Shilts, W.W. 1981b: Surficial Geology, Hyde Lake, District of Keewatin. *Geological Survey of Canada, Preliminary Map 8-1979 (CGM 239)*.
- Aylsworth, J. M., Boydell, A.N. & Shilts, W.W. 1981c: Surficial geology, Tavani, District of Keewatin. *Geological Survey of Canada, Preliminary Map 9-1980, 1981 (CGM 244)*.
- Aylsworth, J. M., Boydell, A.N. & Shilts, W.W. 1981d: Surficial Geology, Marble Island, District of Keewatin. *Geological Survey of Canada, Preliminary Map 10-1980 (CGM 242)*.
- Aylsworth, J. M., Boydell, A.N., Cunningham, C.M. & Shilts, W.W. 1981e: Surficial Geology, Macquoid Lake, District of Keewatin. *Geological Survey of Canada, Preliminary Map 11-1980 (CGM 225)*.
- Aylsworth, J. M., Cunningham, C.M., Shilts, W.W. 1985: Surficial geology, Baker Lake, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 3-1985 (CGM 329)*.
- Aylsworth, J. M., Boydell, A. N. & Shilts, W. W. 1986a: Surficial geology, Gibson Lake, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 1-1984 (CGM 246)*.
- Aylsworth, J. M., Boydell, A. N. & Shilts, W. W. 1986b: Surficial geology, Chesterfield Inlet, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 1-1985 (CGM 247)*.

Aylsworth, J. M., Cunningham, C. M., Kettles, I. M. & Shilts, W. W. 1986c: Surficial Geology, Henik Lakes, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 2-1985 (CGM 238)*.

Aylsworth, J. M. & Clarke, M. D. 1989a: Surficial geology, Tebesjuak Lake, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 35-1989 (CGM 134)*.

Aylsworth, J. M. & Clarke, M. D. 1989b: Surficial geology, Tulemalu Lake, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 37-1989 (CGM 325)*.

Aylsworth, J. M. & Clarke, M. D. 1989c: Surficial geology, Thirty Mile Lake, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 39-1989 (CGM 326)*.

Aylsworth, J. M., Cunningham, C. M. & Shilts, W. W. 1990a: Surficial geology, Schultz Lake, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 43-1989 (CGM 324)*.

Aylsworth, J. M., Cunningham, C. M. & Shilts, W. W. 1990b: Surficial geology, Edehon Lake, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Preliminary Map 10-1990 (CGM 243)*.

Campbell, J. E., Little, E. C., Utting, D. J. & McMartin, I. 2013a: Surficial geology, Nanuraqtalik Lake, Nunavut. *Geological Survey of Canada, Canadian Geoscience Map 60*.

Campbell, J. E., Little, E. C., Utting, D. J. & McMartin, I. 2013b: Surficial geology, Kinngalugjuaq Mountain, Nunavut. *Geological Survey of Canada, Canadian Geoscience Map 61*.

Campbell, J. E., Little, E. C., Utting, D. J. & McMartin, I. 2013c: Surficial geology, Atorquait River, Nunavut. *Geological Survey of Canada, Canadian Geoscience Map 62*.

Campbell, J. E., Little, E. C., Utting, D. J., McMartin, I. 2013d: Surficial geology, Curtis River, Nunavut. *Geological Survey of Canada, Canadian Geoscience Map 63*.

Campbell, J. E. & McMartin, I. 2014: Surficial geology, Lefroy Bay (southwest), Nunavut. *Geological Survey of Canada, Canadian Geoscience Map 152*.

Dredge, L. A., 2020. Surficial Geology, Deep Rose south, NTS 66-G south, Nunavut. *Geological Survey of Canada, Canadian Geoscience Map 411*.

Dredge, L. A., in prep. Surficial Geology, Joe Lake north, NTS 66-J north, Nunavut. *Geological Survey of Canada, Canadian Geoscience Map*.

Dredge, L. A. & McMartin, I, 2007: Surficial geology, Wager Bay, Nunavut. *Geological Survey of Canada, "A" Series Map 2111A (CGM 344)*.

Dredge, L. A., McMartin, I. & Campbell, J. E. 2013a: Reconnaissance surficial geology, Yellow Bluff (west), Nunavut, NTS 46-D west. *Geological Survey of Canada, Canadian Geoscience Map 145*.

Dredge, L. A., McMartin, I. & Campbell, J. 2013b: Reconnaissance surficial geology, Daly Bay (south) and Cape Fullerton (north), Nunavut, NTS 56-A south and 55-P north. *Geological Survey of Canada, Canadian Geoscience Map 146*.

- Dredge, L., McMartin, I. & Campbell, J. 2013c: Reconnaissance surficial geology, Daly Bay north, Nunavut, NTS 56-A North. *Geological Survey of Canada, Canadian Geoscience Map 147*.
- Dredge, L. A., Campbell, J. E. & McMartin, I. 2016: Surficial geology, Walker Lake south, Nunavut, NTS 56-J south. *Geological Survey of Canada, Canadian Geoscience Map 151*.
- Dredge, L. A. 2018: Reconnaissance surficial geology, Arrowsmith River north, Nunavut, NTS 56-O north. *Geological Survey of Canada, Canadian Geoscience Map 384*.
- Ferbey, T. & Little, E. C. 2003: Surficial geology, Laughland Lake north, Nunavut. *Geological Survey of Canada, Open File 4279*.
- Helie, R. G. 1984: Surficial geology, King William Island and Adelaide Peninsula, districts of Keewatin and Franklin, Northwest Territories. *Geological Survey of Canada, "A" Series Map 1618A (CGM 313)*.
- Little, E. C. 2006: Surficial geology, Ellice Hills (north), Nunavut. *Geological Survey of Canada, Open File 5016*.
- Little, E. C. & Ferbey, T. 2003: Surficial geology, Laughland Lake south, Nunavut. *Geological Survey of Canada, Open File 4278*.
- McMartin, I. 2002. Surficial geology, Rankin Inlet, Nunavut. *Geological Survey of Canada, Open File 4116 (CGM 68)*.
- McMartin, I. & Henderson, P. J. 2004: Ice flow history and glacial stratigraphy, Kivalliq Region, Nunavut (NTS 55 J, K, L, M, N, O; 65 I and P): complete datasets, maps and photographs from the Western Churchill NATMAP Project. *Geological Survey of Canada, Open File 4595*.
- McMartin, I., Dredge, L. A. & Aylsworth, J. M. 2008: Surficial geology, Schultz Lake South, Nunavut. *Geological Survey of Canada, "A" Series Map 2120A (CGM 314)*.
- McMartin, I. Campbell, J. E. & Dredge, L. A. 2015a: Surficial geology, Curtis Lake north, Nunavut, NTS 56-I north. *Geological Survey of Canada, Canadian Geoscience Map 204*.
- McMartin, I., Campbell, J. E. & Dredge, L. A. 2017: Surficial geology, Curtis Lake south, Nunavut, NTS 56-I south. *Geological Survey of Canada, Canadian Geoscience Map 294*.
- Randour, I. & McMartin, I. 2017: Surficial geology, Douglas Harbour (south), Nunavut, NTS 56-H south. *Geological Survey of Canada, Canadian Geoscience Map 312*.
- Randour, I., McMartin, I., Campbell, J. E. & Dredge, L. A., in press: Surficial geology, Cape Dobbs, Nunavut, NTS 46-E. *Geological Survey of Canada, Canadian Geoscience Map 422*.
- Ozyer, C. A. 2004: Surficial geology, Arrowsmith River south, Nunavut. *Geological Survey of Canada, Open File 4281*.
- Prest, V. K., Grant, D. R. & Rampton, V. N. 1968: Glacial map of Canada. *Geological Survey of Canada, "A" Series Map 1253A*.
- St-Onge, D. A. & Kerr, D. E. 2014: Reconnaissance surficial geology, Joe Lake, Nunavut, NTS 66-J, south half. *Geological Survey of Canada, Canadian Geoscience Map 194*.

St-Onge, D. A. & Kerr, D. E. 2017: Reconnaissance surficial geology, Deep Rose Lake, Nunavut, NTS 66-G north. *Geological Survey of Canada, Canadian Geoscience Map 208*.

Thomas, R. D. 1981: Surficial Geology, Amer Lake, District of Keewatin. *Geological Survey of Canada, Preliminary Map 9-1981 (CGM 331)*.

Thomas, R. D. 1982: Surficial Geology, Montresor River, District of Keewatin. *Geological Survey of Canada, Preliminary Map 10-1981 (CGM 332)*.

Thomas, R. D., Dyke, A. S. & Edlund, S. 1979: Surficial geology and geomorphology, north-central Keewatin. *Geological Survey of Canada, Open File 626*.

Thomas, R. D. & Dyke, A. S. 1981a: Surficial geology, Woodburn Lake, District of Keewatin. *Geological Survey of Canada, Preliminary Map 3-1981 (CGM 330)*.

Thomas, R. D. & Dyke, A. S. 1981b: Surficial geology, Pennington Lake, District of Keewatin. *Geological Survey of Canada, Preliminary Map 4-1981 (CGM 381)*.

Thomas, R. D. & Dyke, A. S. 1982a: Surficial geology, Mistake River, District of Keewatin. *Geological Survey of Canada, Preliminary Map 6-1981 (CGM 175)*.

Thomas, R. D. & Dyke, A. S. 1982b: Surficial geology, lower Hayes River. District of Keewatin. *Geological Survey of Canada, Preliminary Map 7-1981 (CGM 385)*.

Thomas, R. D. & Dyke, A. S. 1982c: Surficial geology, Darby Lake, District of Keewatin. *Geological Survey of Canada, Preliminary Map 8-1981 (CGM 380)*.

Utting, D. J. 2004: Surficial geology, Walker Lake, Nunavut. *Geological Survey of Canada, Open File 4280*.

Wright, G. M. 1967: Surficial Geology, southeastern Barren Grounds, District of Keewatin and District of Mackenzie. *Geological Survey of Canada, "A" Series Map 1217A*.

#### ***Additional references for sources of field datasets.***

Boulianne-Verschelden, N., De Bronac de Vazelhes, V., McMartin, I. & Beaudoin, G. Cartographie du Quaternaire dans la région du gisement Amaruq, Nunavut. *Commission géologique du Canada, Dossier public 8651*.

Bustard, A. 2016: *Fingerprinting and Tracing the Signature of Basement-hosted Unconformity-type Uranium Alteration through Thick Quaternary Tills: An Example from the Thelon Basin, Nunavut*. M.Sc. thesis, University of Waterloo, Waterloo, Ontario, 216 p.

Craig, B. G. 1961: Surficial Geology, northern District of Keewatin. *Geological Survey of Canada, Preliminary Map 7-1961*.

Dredge, L. A., 2004: Till geochemistry, and results of carbonate, lithological and textural analyses, southern Melville Peninsula, Nunavut. *Geological Survey of Canada, Open File 4636, 227 p*.

Dredge, L. A., McMartin, I., Ford, K., 2005: Till geochemistry, gamma ray spectrometry, and gold grain counts, Wager Bay area, mainland Nunavut (NTS 56 G). *Geological Survey of Canada, Open File 5014*, 189 p.

Hodder, T. J. 2014: *Quaternary Stratigraphy and Glacial Dynamics from a Core Region of the Laurentide Ice Sheet, Aberdeen Lake, Kivalliq, Nunavut*. M.Sc. thesis, University of Waterloo, Canada, 245 p.

Jefferson, C. W., Smith, J. E. M. & Hamilton, S. M. 1991: Preliminary Account of the Resource Assessment Study of Proposed National Park, Wager Bay - Southampton Island Areas, District of Keewatin. *Geological Survey of Canada, Open File 2351*, 47 p.

Klassen, R. A. & Knight, R. D. 1996: Till geochemistry of the Baker Lake area, District of Keewatin, Northwest Territories. *Geological Survey of Canada, Open File 3243*, 216 p.

Lee, H. A. 1959: Surficial geology of southern district of Keewatin and the Keewatin Ice Divide, Northwest Territories. *Geological Survey of Canada, Bulletin 51*, 42 p.

Little, E. C. 2004: Results of kimberlite indicator mineral analyses on till and esker samples from the Committee Bay project: Laughland Lake (56 K), Walker Lake (56 J north), Arrowsmith River (56-O south) and Ellice Hills (56 P). *Geological Survey of Canada, Open File 4602*.

Little, E.C., Sandeman, H., Ozyer, C., Young, M. & Utting, D. J. 2005: Preliminary bedrock geochemistry and drift prospecting results from the Committee Bay North Project (NTS 56N and 56-O/North), mainland Nunavut. *Geological Survey of Canada, Open File 5003*, 87 p.

McMartin, I. 2000: Till composition across the Meliadine Trend, Rankin Inlet area, Kivalliq region, Nunavut. *Geological Survey of Canada, Open File 3747*, 330 p.

McMartin, I., Henderson, P. J., Kjarsgaard, B. K. & Venance, K. 2003: Regional distribution and chemistry of kimberlite indicator minerals, Rankin Inlet and MacQuoid Lake areas, Kivalliq region, Nunavut. *Geological Survey of Canada, Open File 1575*, 109 p.

McMartin, I., Utting, D. J., Little, E. C., Ozyer, C. A. & Ferbey, T. 2003: Complete results from the Committee Bay Drift Prospecting Survey, central Nunavut. *Geological Survey of Canada, Open File 4493*, 236 p.

McMartin, I., Dredge, L. A., Ford, K. L. & Kjarsgaard, I. M. 2006: Till composition, provenance and stratigraphy beneath the Keewatin Ice Divide, Schultz Lake area (NTS 66A), mainland Nunavut. *Geological Survey of Canada, Open File 5312*, 81 p.

McMartin, I., Wodicka, N., Bazor, D. & Boyd, B. 2013a: Till composition across the Rae craton south of Wager Bay, Nunavut: results from the Geo-Mapping Frontiers' Tehery-Cape Dobbs project. *Geological Survey of Canada, Open File 7417*, 31 p.

McMartin, I. Berman, R. G., Normandeau, P. X. & Percival, J. A. 2013b: Till composition of a transect across the Thelon tectonic zone, Queen Maud block, and adjacent Rae craton: results from the Geo-Mapping Frontiers' Chantrey project. *Geological Survey of Canada, Open File 7418*, 26 p.

McMartin, I., Campbell, J. E., Dredge, L. A., LeCheminant, A. N., McCurdy, M. W. & Scromeda, N. 2015b: Quaternary geology and till composition north of Wager Bay, Nunavut: Results from the GEM Wager Bay Surficial Geology Project. *Geological Survey of Canada, Open File 7748*, 53 p.

McMartin, I., Tremblay, T. & Godbout, P.-M. 2017: Report of 2017 field activities for the GEM-2 Rae glacial history activity in the Kivalliq region, Nunavut. *Geological Survey of Canada, Open File 8320*, 14 pp.

McMartin, I., Randour, I. & Wodicka, N. 2019: Till composition across the Keewatin Ice Divide in the Tehery-Wager GEM-2 Rae project area, Nunavut. *Geological Survey of Canada, Open File 8563*, 42 p.

Robinson, S. V. J., Paulen, R. C., Jefferson, C. W., McClenaghan, M. B., Layton-Matthews, D., Quirt, D. & Wollenberg, P. 2014: Till geochemical signatures of the Kiggavik uranium deposit, Nunavut. *Geological Survey of Canada, Open File 7550*, 168 p.

Shilts, W. W., 1980: Geochemical profile of till from Longlac, Ontario to Somerset Island. *Canadian Institute of Mining Bulletin*, 73, no. 822: 85-94.

Shilts, W. W. & Wyatt, P. H. 1989: Gold and Base Metal Exploration using Drift As a Sample Medium, Kaminak Lake-Turquetil Lake area, District of Keewatin. *Geological Survey of Canada, Open File 2132*, 168 p.

Utting, D. J. & McMartin, I. 2004: Ice-movement indicator mapping north of the Keewatin Ice Divide, Meadowbank area, Nunavut. *Geological Survey of Canada, Current Research no. 2004-C8*, 6 p.

Wright, G. M. 1955: Geological Notes on Central District of Keewatin, Northwest Territories. *Geological Survey of Canada, Paper 55-17*, 21 p.