

Updated: February 5, 2007; June 5, 2009; November 28, 2014, May 31, 2016, January 10, 2018

GAS File Name	Survey_ID	Survey Title	GAS File Contents	Related Publications
GAS001.DAT			Geochemical Discrimination Between Limestone Facies Close To and Distant From Gas-Producing Dolomites In The Slave Point Formation E.M. Cameron Project 63004 - Slave Point carbonates	
GAS002.DAT			A Geochemical Profile Of The Swan Hills Reef E.M. Cameron Project 630042 - Swan Hills carbonate sediments	
GAS003.DAT			A Canonical Correlation Between Physical and Chemical Variables in a Carbonate Reef E.M. Cameron Project 630042 - canonical correlation	
GAS004.DAT			Development of Geochemical Exploration Methods for Uranium - Bancroft, Ontario A.Y. Smith, W. Dyck, J.J. Lynch, D. Church, S. Withers Project 670030 - surface water and radon control samples	
GAS005.DAT			Development of Geochemical Exploration Methods for Uranium - Bancroft, Ontario A.Y. Smith, W. Dyck, J.J. Lynch, D. Church, S. Withers Project 670030 - stream and swamp sediment samples	
GAS006.DAT			Development of Geochemical Exploration Methods for Uranium - Bancroft, Ontario A.Y. Smith, W. Dyck, J.J. Lynch, D. Church, S. Withers Project 670030 - soil profile samples	
GAS007.DAT			Development of Geochemical Exploration Methods for Uranium – Elliott Lake A.Y. Smith Project 670030 - water and radon control samples	
GAS008.DAT			The Surficial Geochemistry of Radium, Radon and Uranium with Application to Prospecting for Uranium R. Morse Project 690080 - water samples – Bancroft, Ontario	

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GAS009.DAT			The Surficial Geochemistry of Radium, Radon and Uranium with Application to Prospecting for Uranium R. Morse Project 690080 - sediment samples – Bancroft, Ontario	
GAS010.DAT	210419	Glacial sediment and bedrock survey, Louvicourt Township, Quebec, 1969	Geochemical Study, Louvicourt Township, Quebec Project 670097 -glacial overburden samples	- GSC Report of Activities, Part B, Paper 69-1B, p. 45-46 - CIM Special Volume, p. 157-158
GAS011.DAT	210051	Till and stream sediment sampling survey, NTS 42F/4, Manitowadge area, northern Ontario, 1968	Geochemical Study, Manitowadge, Ontario R.G. Garrett Project 670097 - 124 stream sediment samples (SAMPLES 200001-200124)	- no Open File (pers. comm.. RGG) - Report of Activities, Part A, GSC Paper 69-1, p. 47-48 - some Manitowadge samples reanalyzed and published in GSC OF 3592
GAS012.DAT	210051	Till and stream sediment sampling survey, NTS 42F/4, Manitowadge area, northern Ontario, 1968	Geochemical Study, Manitowadge, Ontario R.G. Garrett Project 670097 - soil and till samples 100001-100136 - NAMA CREEK SOIL DATA (n=136 samples of soil and till from two lines in down-ice direction) 100137-100256 - GARNET LAKE SOIL DATA (n=120 soil samples collected from an existing mine grid) 100257-100316 - GECO MINES SOIL AND TILL DATA (n=60 samples collected from an existing mine grid) 100317-100608 - NAMA CREEK TILL DATA (n=292 till profile samples on a grid over the Big Nama Creek ore body)	- no Open File (pers. comm.. RGG) - Report of Activities, Part A, GSC Paper 69-1, p. 47-48 - some Manitowadge samples reanalyzed and published in GSC OF 3592 - note: GAS file says Garnet Lake soil data in title, and soil and till saaples in text; it is only soil data (Pers. Comm. RGG, Dec. 3, 2014)
GAS013.DAT	210051	Till and stream sediment sampling survey, NTS 42F/4, Manitowadge area, northern Ontario, 1968	Geochemical Study, Manitowadge, Ontario R.G. Garrett Project 670097 - regional till samples (SAMPLES 110001-110059)	- no Open File (pers. comm.. RGG) - Report of Activities, Part A, GSC Paper 69-1, p. 47-48 - some Manitowadge samples reanalyzed and published in GSC OF 3592
GAS014.DAT	210424	Stream and lake sediment, stream water and lithochemical survey, NTS 74N/9, Beaverlodge area, northern Saskatchewan, 1969.	A Comparison of Geochemical Exploration Methods in the Beaverlodge Area, Saskatchewan W. Dyck, A.S. Dass, C.C. Durham, J.D. Hobbs, J.C. Pelchat, J.H. Galbraith Project 680028 - regional stream sediment and water samples	- CIM Special Volume No. 11 – Geochemical Exploration, p. 132-150 (1971). - GSC Paper 74-32
GAS015.DAT	210424	Stream and lake sediment, stream water and lithochemical survey, NTS 74N/9, Beaverlodge area, northern Saskatchewan, 1969.	A Comparison of Geochemical Exploration Methods in the Beaverlodge Area, Saskatchewan W. Dyck, A.S. Dass, C.C. Durham, J.D. Hobbs, J.C. Pelchat, J.H. Galbraith Project 680028 - regional lake water samples	- CIM Special Volume No. 11 – Geochemical Exploration, p. 132-150 (1971). - GSC Paper 74-32

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GAS016.DAT	210424	Stream and lake sediment, stream water and lithochemical survey, NTS 74N/9, Beaverlodge area, northern Saskatchewan, 1969.	A Comparison of Geochemical Exploration Methods in the Beaverlodge Area, Saskatchewan W. Dyck, A.S. Dass, C.C. Durham, J.D. Hobbs, J.C. Pelchat, J.H. Galbraith Project 680028  - detailed lake water samples	- don't seem to be mentioned in GSC Paper 74-32 or CIM Special Volume 11 (1971)
GAS017.DAT	210424	Stream and lake sediment, stream water and lithochemical survey, NTS 74N/9, Beaverlodge area, northern Saskatchewan, 1969.	A Comparison of Geochemical Exploration Methods in the Beaverlodge Area, Saskatchewan W. Dyck, A.S. Dass, C.C. Durham, J.D. Hobbs, J.C. Pelchat, J.H. Galbraith Project 680028  - nested stream and lake sediment and water samples	- don't seem to be mentioned in GSC Paper 74-32 or CIM Special Volume 11 (1971)
GAS018.DAT	210424	Stream and lake sediment, stream water and lithochemical survey, NTS 74N/9, Beaverlodge area, northern Saskatchewan, 1969.	A Comparison of Geochemical Exploration Methods in the Beaverlodge Area, Saskatchewan W. Dyck, A.S. Dass, C.C. Durham, J.D. Hobbs, J.C. Pelchat, J.H. Galbraith Project 680028  - seasonal stream and lake water samples	- CIM Special Volume No. 11 – Geochemical Exploration, p. 132-150 (1971). - GSC Paper 74-32
GAS019.DAT	210424	Stream and lake sediment, stream water and lithochemical survey, NTS 74N/9, Beaverlodge area, northern Saskatchewan, 1969.	A Comparison of Geochemical Exploration Methods in the Beaverlodge Area, Saskatchewan W. Dyck, A.S. Dass, C.C. Durham, J.D. Hobbs, J.C. Pelchat, J.H. Galbraith Project 680028  - rock samples	- CIM Special Volume No. 11 – Geochemical Exploration, p. 132-150 (1971). -GSC Paper 74-32
GAS020.DAT	210364	Lithochemical survey, parts of NTS 95E, L, 105, 106D, 115P, 116B, Yukon and Northwest Territories, 1969-1971	Regional Geochemical Census of Plutonic Rocks in eastern Yukon Territory R.G. Garrett Project 690036  - granitoid plutonic rocks collected in 1969-1972	GSC OF 2479 (data from 1969-1971 field seasons) GSC OF 51 (data from 1970 field season) GSC Reports of Activities ,Papers 70-1A, 71-1A and 72-1A JGE , v.3, p. 277-289
GAS021.DAT	210307	Multi media Operation Bathurst, NTS 21P/12, 13, 21O/9(E½), 21O/16 (E½), Jacquet River area, northeastern New Brunswick, 1965.	Operation Bathurst R.W. Boyle Project 570022  - stream sediment data	GSC Paper 65-42 GSC Open File 27 GSC Report of Activities 1965, paper 66-1, p.168
GAS022.DAT	210307	Multi media Operation Bathurst, NTS 21P/12, 13, 21O/9(E½), 21O/16 (E½), Jacquet River area, northeastern New Brunswick, 1965.	Operation Bathurst R.W. Boyle Project 570022  - stream water data	GSC Paper 65-42 GSC Open File 27 GSC Report of Activities 1965, Paper 66-1, p.168

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GAS023.DAT	210307	Multi media Operation Bathurst, NTS 21P/12, 13, 21O/9(E½), 21O/16 (E½), Jacquet River area, northeastern New Brunswick, 1965.	Operation Bathurst R.W. Boyle Project 570022 - heavy mineral data	GSC Paper 67-45
GAS024.DAT	210324	Lake sediment and till sampling, NTS 31M, N, 32C, D, 42A, 41P, Timmins-Val D'Or-area, Ontario and Quebec, 1971-1972.	Regional Geochemical Lake Bottom Sediment and Till Sampling in the Timmins - Val D'Or region, Ont. and Que. E.H.W. Hornbrook and C.F. Gleeson Project 710099 - regional lake sediment samples	OF 112
GAS025.DAT	210324	Lake sediment and till sampling, NTS 31M, N, 32C, D, 42A, 41P, Timmins-Val D'Or-area, Ontario and Quebec, 1971-1972.	Regional Geochemical Lake Bottom Sediment and Till Sampling in the Timmins - Val D'Or region, Ont. and Que. E.H.W. Hornbrook and C.F. Gleeson Project 710099 - till and detailed lake sediment samples	OF 112
GAS026.DAT			Geochemistry of Ultramafic Rocks and Ore Bearing Possibilities from their Geochemical Character Gordon Siddeley Project 68006 - sample suites were collected from 61 ultramafic localities in Manitoba, Ontario, Quebec and Ungava	OF 35 CIM Special Volume No. 11 – Geochemical Exploration, p. 1-16 GSC Paper 1969-1 Part A, pp.55, 1970-1 pp.63
GAS027.DAT	210325	Lake sediment and water sampling, Operation Bear-Slave, parts of NTS 76 and 86, Nunavut and Northwest Territories, 1971-1973.	Bear-Slave Operation: Reconnaissance geochemistry using lake sediments and waters of a 36,000-square mile area of the Canadian Shield Allan, R.J., Cameron, E.M., Durham, C.C. Project 720063 - near-shore lake sediments	GSC Paper 73-1, Part A, p. 50-52. GSC Paper 72-50, 70 p. GSC Maps 9-1972 to 15-1972 (1973) OF 2239 (digital release) OF 2578 (reanalysis)
GAS032.DAT	210087	NGR lake sediment survey, NTS 063M, 064D, parts of 063K, 063L, 063N, 73L, 73O, 73P and 74A. Saskatchewan, 1974	Regional Lake Sediment Geochemical Reconnaissance Data, East-Central Saskatchewan (NTS 63M, 64D, and parts of 63K, 63L, 63N, 73L, 73O, 73P AND 74A) E.H.W. Hornbrook Project 740079	GSC OF 266
GAS033.DAT	210404	Lake water survey, NTS 76M, High Lake District, Nunavut, 1975.	Lake Water Sampling, High Lake district, NWT, July 03-20, 1975 (note: now in Nunavut) E.M. Cameron	
GAS034.DAT	210405	Lake water survey, NTS 76F, G, Agricola Lake area, Nunavut, 1975.	Seasonal Lake Water Sampling Project, Agricola Lake and Hackett River Areas, NWT. (note: now in Nunavut) E.M. Cameron	
GAS035.DAT	210406	Lake water survey, NTS 86I/2, Takijuu Lake area, Nunavut, 1975.	Lake Water Sampling, Takiyauk (Takijuu) Lake, NWT (note: now in Nunavut) E.M. Cameron	

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GAS036.DAT	210093	NGR lake sediment survey, NTS 064J, Manitoba, 1975	Regional Lake Sediment Geochemical Reconnaissance Data, Northwestern Manitoba (NTS 64J) E.H.W. Hornbrook, R.G. Garrett, J.J. Lynch Project 740079	GSC OF 320
GAS037.DAT	210094	NGR lake sediment survey, NTS 064K, Manitoba, 1975	Regional Lake Sediment Geochemical Reconnaissance Data, Northwestern Manitoba (NTS 64K) E.H.W. Hornbrook, R.G. Garrett, J.J. Lynch Project 740079	GSC OF 321
GAS038.DAT	210095	NGR lake sediment survey, NTS 064N, Manitoba, 1975	Regional Lake Sediment Geochemical Reconnaissance Data, Northwestern Manitoba (NTS 64N) E.H.W. Hornbrook, R.G. Garrett, J.J. Lynch Project 740079	GSC OF 322
GAS039.DAT	210096	NGR lake sediment survey, NTS 064O, Manitoba, 1975	Regional Lake Sediment Geochemical Reconnaissance Data, Northwestern Manitoba (NTS 64O) E.H.W. Hornbrook, R.G. Garrett, J.J. Lynch Project 740079	GSC OF 323
GAS040.DAT	210097	NGR lake sediment survey, NTS 075C, North West Territories, 1975	Regional Lake Sediment Geochemical Reconnaissance Data, Nonacho Belt, N.W.T. (NTS 75C) E.H.W. Hornbrook, R.G. Garrett, J.J. Lynch Project 740079	GSC OF 324
GAS041.DAT	210098	NGR lake sediment survey, NTS 075F, North West Territories, 1975	Regional Lake Sediment Geochemical Reconnaissance Data, Nonacho Belt, N.W.T. (NTS 75F) E.H.W. Hornbrook, R.G. Garrett, J.J. Lynch Project 740079	GSC OF 325
GAS042.DAT	210099	NGR lake sediment survey, NTS 075K, North West Territories, 1975	Regional Lake Sediment Geochemical Reconnaissance Data, Nonacho Belt, N.W.T. (NTS 75K) E.H.W. Hornbrook, R.G. Garrett, J.J. Lynch Project 740079	GSC OF 326
GAS043.DAT	210100	NGR lake sediment survey, NTS 086K, Northwest Territories and Nunavut, 1975	Regional Lake Sediment Geochemical Reconnaissance Data, Great Bear Lake, N.W.T. (NTS 86K) E.H.W. Hornbrook, R.G. Garrett, J.J. Lynch Project 740079	GSC OF 327
GSC044.DAT	210101	NGR lake sediments survey, parts of NTS 086L and 96I, Northwest Territories, 1975	Regional Lake Sediment Geochemical Reconnaissance Data, Great Bear Lake, N.W.T. (NTS 86L, 96I) E.H.W. Hornbrook, R.G. Garrett, J.J. Lynch Project 740079	GSC OF 328
GAS098.DAT	210095	NGR lake sediment survey, NTS 064N, Manitoba, 1975	Experimental Water Analysis, NGR Water Samples - 64N - 1975	GSC OF 322

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GAS099.DAT	210099	NGR lake sediment survey, NTS 075K, North West Territories, 1975	Experimental Water Analysis, NGR Water Samples - 75K - 1975	GSC OF 326
GAS0100.DAT	210380	Stream sediment and water survey, NTS 105M, 106C, D, 115P, 116A, Operation Keno Hill, central Yukon, 1964.	Keno Hill 1977 Uranium Analysis by W.D. Goodfellow R.W. Boyle	GSC OF 612 GSC Paper 76-31 (1980) GSC Paper 77-31 (1980)
GAS0101.DAT			Rabbit Lake Orientation Survey, 1975, Saskatchewan - lake sediments	
GAS0102.DAT			Rabbit Lake Orientation Survey, 1975, Saskatchewan - lake waters	
GAS0103.DAT	210380	Stream sediment and water survey, NTS 105M, 106C, D, 115P, 116A, Operation Keno Hill, central Yukon, 1964.	Keno Hill 1977 Chemex Analysis for W.D. Goodfellow - some of the original Keno sediment samples circa 1964 were analysed by Chemex. - some of these were used in Open File 518.	Details of this survey and results have been published in many GSC publications, including GSC Paper 66-54. Maps of heavy metal content of stream and spring sediments and waters as well as individual metal maps for the stream sediment samples have also been published
GAS0104.DAT	210403	Lake water, soil and lithochemical survey, NTS 76G/12, Agricola Lake area, Nunavut, 1974.	Agricola Lake Volcanic Rocks (June, July, 1974) E.M. Cameron	GSC Paper 75-1A, p. 189-192
GAS0110.DAT	210380	Stream sediment and water survey, NTS 105M, 106C, D, 115P, 116A, Operation Keno Hill, central Yukon, 1964.	Operation Keno Hill C.F. Gleeson Project 640015 - heavy mineral study, stream and spring sediments; stream waters	GSC Paper 71-51 GSC Maps 18-1964 to 31-1964 GSC Maps 45-1965 to 56-1965 GSC Paper 66-54