

B.Sc. Theses

Year	Student	Title of Thesis	Supervisor(s)
1973	Cole, Marian Kathleen	Flow of Fluids in the Winnipeg Formation of Saskatchewan	L. Vigrass
1973	Shaw, Darrell E.	The Geology of the Orphan Lake Area	J. Lewry
1974	Posehn, Gary	The Geology of the Mawdsley Lake Area	J. Lewry
1974	Thomas, Mike	A Review of Orogenic Fronts and Structural Domain Relations, with Comparisons to The Hudsonian Orogen in The Saskatchewan Precambrian	J. Lewry
1975	Letson, John R. J.	A Comparison of Four Palynomorph Zones of the Upper Devonian Saskatchewan Group and Equivalent Rocks of Western Canada by Statistical Analysis of the Palynomorph <i>Leiosphaeridia</i> Eisenack, 1958	D. Kent
1975	Hulbert, Larry	Structure of the Fraser Lake Gabbro Complex, Northern Manitoba	G. Parslow
1976	Garven, Grant	Hydrodynamics and Hydrogeochemistry of the Deadwood Formation, Saskatchewan	L. Vigrass
1976	Potter, Dean	Structural-metamorphic Geology of the Numabin Bay Area, Reindeer Lake, Saskatchewan	J. Lewry
1978	Thomas, David	The Geology of the Compulsion River Area, Saskatchewan	J. Lewry
1978	Haidl, Fran	A Sedimentologic and Geochemical Analysis of the Frobisher Evaporite in the Benson Oilfield, Southeastern Saskatchewan	D. Kent
1980	Tritthardt, Allan	The Lithologies and Depositional Environment of the Upper Member of the Shaunavon Formation of the Whitemud Field	D. Kent
1981	Davison, D.A.	The Paleocology and Diagenesis of a Middle Devonian Reef in the Outcrop Region of Lake Manitoba	D. Kent
1981	Robb, Brian	The Harmattan Reef: a Core Study of a Dolomitized Upper Devonian Leduc reef, Harmattan Area, Alberta, Canada	D. Kent
1982	Arne, Dennis	Petrography and Geochemistry of the Nowyak Lake Area	B. Watters J. Lewry
1982	Walker, Dan	Geochemistry of Volcanic Rocks, West Amisk Lake Area, Saskatchewan	B. Watters
1982	MacEachern, James A.	Lower Cretaceous Microtidal Estuarine Sediments of the Upper Mannville Group, Pikes Peak Heavy Oil Field, Saskatchewan	D. Kent
1985	Richardson, Sherry	Neilburg McLaren Oil Pool of Western Saskatchewan Geology and Depositional Environments	L. Vigrass
1985	Schwann, Pamela Lee	Geochemistry and petrology of the Nicholson Bay ultramafic complex, northwestern Saskatchewan	G. Parslow
1987	Haid, Linda	Sedimentology of a Carbonate Buildup in the Hart River Formation, Yukon Territory	D. Kent
1987	Riley, Deirdre	The Geology of the Cockwill Lake Area, Saskatchewan	G. Parslow
1987	Rehman, Jill	Depositional History and Diagenesis of the Kisbey Sandstone and Related Carbonate Rocks (Mississippian) within the Rosebank - Alida Beds Pool Southeastern Saskatchewan	D. Kent
1988	Toop, David	Hydrogeologic Study of the Paleozoic Rocks of Southwestern Saskatchewan	L. Vigrass
1990	Sparks, Dwayne	Geology of the Raine - Walker Gold Showing, Amisk	D. Kent

		Lake, Saskatchewan	
1991	Edwards, Mark D.	Petrology and Geochemistry of the Alteration Zone at the North Cook Lake Massive Sulphide Deposit, Snow Lake, Manitoba	J. Lewry B. Watters
1992	Wilkinson, Kent	Sedimentology, Depositional Environment and Diagenesis - Controls on Reservoir Quality in the Gull Lake South Voluntary Unit No. 1, Southwest Saskatchewan	D. Kent
1993	Strachan, Eric	Carbonate Facies, Depositional Setting and Diagenesis: a Geological Model of a Mississippian Frobisher Beds Reservoir, South Workman Pool, Southeast Saskatchewan	D. Kent
1994	Labelle, Danny G.P.	Allostratigraphic Analysis of the Middle Cambrian Deadwood Formation in Southern Saskatchewan	K. Bergman
1994	Ellemers, Pamela Cook	A Comparison of the eEker and Till Geochemistry of the Winter Lake Region, NWT to the Bedrock Geochemistry of the Point Lake Greenstone Belt	G. Parslow
1995	Webber, Jeffrey D.	High Resolution Stratigraphic Analysis of the Lower Cretaceous (Albian) Flotten Lake Sandstone, West-Central Saskatchewan	K. Bergman
1995	Fossenier, Kevin	Litho-geochemistry of Metavolcanic Rocks from the Courtenay Lake Formation, Courtenay Lake, Saskatchewan	B. Watters
1997	Sandy, David G.	Allostratigraphic Analysis of the Spinney Hill Member (basal Joli Four Formation); West Central Saskatchewan; Backstepping Incised Shoreface Deposits	K. Bergman
1997	Kletzel, Andrea	Geochemical Modeling of the Thermal Maturation for the Saskatchewan Portion of the Williston Basin	S. Bend
1997	Zimmer, Paula	Dolomitization in the Yeoman Member, Red River Formation, Minton Pool, South-central Saskatchewan: Timing, Distribution and Controls	D. Kent
1998	Ward, Kimberley	Sequence Stratigraphic Analysis of the Lower Cretaceous (Albian) St. Walburg Sandstone, in West-central Saskatchewan	K. Bergman
1998	Card, Colin D.	Structural Geology of the Mokoman (Knife) Lake-Reindeer River Transect, Northern Saskatchewan, Canada	J. Lewry
1998	Harvey, Shawn	Geology of the Knife (Mokoman) Lake Copper Deposit: Petrology, Geochemistry and a New Ore Deposit Model	J. Lewry
1998	Ricci, Angela	Vadose Diagenesis of the Middle Devonian Upper Winnipegosis Carbonate and the Origin of the Whitkow Anhydrite, Southern Elk Point Basin, Southern Saskatchewan	K. Bergman J. Jin
1998	Blair, Michael James	Vadose Diagenesis of the Upper Winnipegosis Carbonate and the Origin of the Ratner Laminite and Whitkow Anhydrite, Middle Devonian Elk Point Basin, South-central Saskatchewan	K. Bergman J. Jin
1998	Pinnow, Rachelle	Mapping and Sedimentologic Analysis of the Devonian-Mississippian Bakken Formation in Southeast Alberta	K. Bergman
1998	Legault, Alain R.	The Kisbey Sandstone: An Example of Basin Margin Gamma-ray Marker Convergence in the Frobisher-Alida Beds, Williston Basin, Southeastern Saskatchewan	D. Kent
1998	Hasanie, Raza	Petrology and Geochemistry of Amphibolites of the Maclean Lake Belt, Sucker Lake Area, La Ronge Domain	B. Watters
1999	Marsh, Arden	Carbonate/Evaporite Cycles within the Shell Lake Marker Bed of the Middle Devonian Elk Point Basin at Rocanville, Saskatchewan	K. Bergman
1999	Kevin Treptau	Sub-Phanerozoic Precambrian of southwest Saskatchewan: lithological, geochemical, and geophysical interpretations,	K. Bethune K. Ashton

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2000	Coolican, Jeffrey	Geochemistry and Tectonic Setting of Meta-igneous Rocks within the Train Lake and Dodge Domains, Eastern Rae Province, Saskatchewan	K. Ashton B. Watters
2000	Smith, Mauri	Geochemical, Petrological and Structural Analysis of Basement Gneisses at the Wollaston-Mudjatic Domain Boundary, Northern Saskatchewan	K. Bethune B. Watters
2000	Cameron, Orrin	Proximal to Distal Outer Ramp Rocks of the Mississippian Midale Formation of the Williston Basin, Southeastern Saskatchewan, Canada	D. Kent
2000	Williamson, Cathy	Stratigraphy and Paleoenvironments of the Basal Manitou Falls Formation in the P2 North Area Athabasca Basin, Saskatchewan	H. Qing
2000	Nimegeers, Andrew	An Allostratigraphic Analysis of the Middle Ordovician Winnipeg Group in Southern Saskatchewan	K. Bergman
2001	Collier, Brent	Stratigraphy of the Paleoproterozoic Lower Manitou Falls B Member of the Deilmann pit, at Key Lake, Saskatchewan	K. Bethune
2001	Chorney, Erin	Geology of the Eagle Lake Area within the Beaverlodge Domain, Southwestern Rae Province, Saskatchewan	K. Bethune K. Ashton
2001	Heinemann, Kimberley	Petrographical and Geochemical Investigation of the Influence of Organic Matter in the Dolomitization of the Ordovician Red River Formation	S. Bend H. Qing
2001	Urban, Mark	Ordovician Red River Reservoir Development in the Midale Field, Southeastern Saskatchewan	H. Qing
2002	Boivin, Danielle	Structural Geology of the Fold Lake Area, Northwestern Saskatchewan	K. Bethune K. Ashton
2002	Yanko, Asha D.	Structural Geology of the Kluachesi Lake, Peace River District (94G/13), Northeastern British Columbia	K. Bethune K. Ashton
2002	Tong, Andy	Petrography of Chert Nodules in the Mississippian Midale and Frobisher Beds, Steelman Field, Southeastern Saskatchewan	H. Qing
2002	Rainville, Scott	Geochemical Investigation and Geological Mapping of Possible Ennadai-Rankin Metavolcanic Rocks in the Bonokoski Lake Area, Northern Saskatchewan	B. Watters I. Coulson
2003	Senkow, Matthew	Investigation of a Presumed Rhodochrosite Occurrence in Hurwitz Group Carbonate Rocks, Many Islands Lake Area, Northeast Saskatchewan	I. Coulson
2003	Bailey, Kimberley	Geology and Geochemistry of Part of the Myo Lake Section, Creighton, Saskatchewan	K. Bethune
2003	Thain, Scott F.	Occurrence, Distribution and Evaluation of Coalbed Methane and Enhanced Coalbed Methane Recovery Potentials of the Sparky Coal, Lower Cretaceous Mannville Formation, West-central Saskatchewan, Canada	S. Bend
2003	Niebergall, Gregory	The Basal Polymictic Conglomerate Separating ca. 3.05 Granitoid Basement and the Murmac Bay Group in Northwestern Saskatchewan	K. Bethune K. Ashton
2004	Hagen, Nadene	A Thermal Maturity Assessment of Two Boreholes in the Williston Basin Using Vitrinite Reflectance	S. Bend
2004	Sulz, Rachel	Geology, Structural History and Geochemistry of the Xenolith-rich Northwest margin of the Patterson Island Pluton, Peter Lake Domain	K. Bethune
2004	Legault, Kathie	The formation of the white-banded sand layer of Madge Lake and the Seward Sand Hills	J. Dale
2004	Geller, Kari	Wisconsinan Glacial Retreat Margins in Northern Saskatchewan: reconstruction using Radiocarbon Data	J. Dale
2005	Clark, William	Sedimentology and Stratigraphy of the Carlile Formation, Dodsland-Hoosier Area, Western Saskatchewan	G. Chi, P.K. Pedersen
2005	Brown, Aaron	Metamorphic Pressure-Temperature Conditions of	K. Bethune

		Migmatization in the Rottenstone Domain, Northern Saskatchewan	
2005	Leugner, Chad	Petrographic and Geochemical Investigation of the Wathaman Batholith and 'Tonalite-Migmatite Complex' of the Rottenstone Domain in the Davin Lake - Wathaman Lake area, Northern Saskatchewan	K. Bethune
2005	Craven, Jason	A Petrographic Study of Metamorphosed Mafic Igneous Rocks Southwest of 'Spider Island', Northwest Reindeer Lake	K. Bethune
2006	Ebel, Chelsey	Development of a Highly Strained, Paleoweathered Zone at the Contact between the Archean Shaganappie Island Basement Inlier and Paleoproterozoic Wollaston Supergroup, Kukulko Island, Northern Wollaston Lake Area, Saskatchewan	K. Ashton K. Bergman
2006	Walz, Russell	Sedimentology and Stratigraphy of the Viking Formation in the Edgerton/Wainwright Area, East-central Alberta	G. Chi
2006	Solomon, Amanda	A Preliminary Fluid Inclusion and Stable Isotope Study of the Buffalo Gold Deposit, Red Lake, Ontario	G. Chi
2007	Mack, Earline M	Sedimentology, Stratigraphy and Depositional Model of the Mississippian Midale Evaporite, Tableland Field, Southeastern Saskatchewan	H. Qing
2007	Giesen, Marsha	Controls on Petroleum Fluid Compartmentalization in the Upper Cretaceous Chinook Formation, Northwest Alberta	S. Bend
2007	Marcotte, Jeanette M.	Brittle Structure and Dylkes of the South-Central Beaverlodge Domain, Southern Rae Province: Late Magmatism, Upper Crustal Stresses and Implications for Uranium Exploration	K. Bethune K. Ashton
2008	Nicolay, Jennifer	Preliminary Results of Golden Band Resources "Hope Showing" Gold Exploration Project	J. Dale
2008	Urbatsch, Misty	Diagenetic Study of the Carbonates of the West Point Formation, Gaspé Peninsula, Quebec	G. Chi
2008	Adeboye, Oyeleye	Heat Affected Coals	S. Bend
2008	Cugnet, Jennifer	Effects of Prairie Evaporite Salt Collapse on the Bakken Formation, Southeast Saskatchewan	H. Qing
2008	Kazowcka, Andrew	Quaternary Investigations of the Keeler Peninsula-McRae Bay area Northeast Wollaston Lake, Saskatchewan	J. Dale
2008	Nicolay, Jennifer	Preliminary Results of Golden band Resources "Hope Showing" Gold Exploration Project	J. Dale
2009	McEwan, Brian	Origin of mafic dykes in the Lloyd Domain adjacent to the Virgin River shear zone.	K. Bethune
2009	Morley, Andrew	Metamorphism of the Virgin schist group in the Virgin River shear zone, southeast of the Athabasca Basin	K. Bethune
2009	Boulanger, Rachelle	Characterization and Evolution of Fluids Associated with the Cu-Zn Deposit of the Rambler Metals and Mining Plc Mining Mine, Northeast Newfoundland, Canada	G. Chi
2010	Scott, Ryan	Petrographic and Geochemical Studies of Ferroan Poikilotopic Calcite Cement in Sandstones from the Western Canada Sedimentary Basin	G. Chi
2010	Wang, Yi	Petrographic and Geochemical Studies of the Uranium Deposit at Cigar Lake, Northern Saskatchewan, Canada	G. Chi
2011	Chabanole, Luc	An Environmental Reconstruction of Mauritius Island Based Upon Diatom Analysis of the Mare aux Tatos Core	M. Velez
2011	Biss, Susan	An Analysis of the Ichnofossils of a Holocene Floodplain Deposit in the Cauca River, Colombia	M. Velez
2011	Seed, Danielle	The Effects of Volcanic Tephra on the Productivity within Lake Amatitlan, Guatemala	M. Velez
2011	Riemer, Waren	Tectonic Fabric Elements and Their Relationship to Metamorphism in the Archean Woodburn Lake and Paleoproterozoic Ketyet River Groups	K. Bethune

2011	Boulding, Richard	Geology Select Stratigraphic Sections of the Eastend Formation, Lower Cretaceous, near Eastend Saskatchewan	J. Dale
2010	Wang, Yi	Petrographic and Geochemical Studies of the Uranium Deposit at Cigar Lake, Northern Saskatchewan, Canada	G. Chi
2012	Kerckhove, Samantha	Petrographic, Geochemical and Structural Analysis of Outcrop ALSV-12 in the Amisk Lake Gold Deposit, Saskatchewan	G. Chi & K. Bethune
2013	Rocha, Amanda	The Use of Forward Modelling to Interpret a Near Surface Electromagnetic Survey	J. Dale
2013	Latimer, Ashlee	An Evaluation of Source Rock Potential of the Devonian Birdbear Formation in Southern Saskatchewan	S. Bend
2013	Mueller, Braden	A Source Rock Appraisal of The Duperow Formation, Southern Saskatchewan	S. Bend
2014	Johnstone, Dillon	Geomorphology, Paleopedology and Sedimentology of the Holocene Sediments of the Santa Fe-Sopetran Basin, Antioquia Colombia	M. Velez & U. Hardenbicker
2014	LeGault Travis	Petrographic and Geochemical Study of Hydrothermal Albitite Alteration in the Beaverlodge Uranium District, Northwestern Saskatchewan, Canada	G. Chi & K. Ashton
2014	Haid, Taylor	Petrographic and Fluid Inclusion studies of the End Uranium Deposit, Kiggavik, Nunavut, Canada	G. Chi
2014	Wielgoz, Nathan	Petroleum Source Rock Analysis of the Upper Devonian Torquay Formation of South Eastern Saskatchewan	S. Bend
2015	Ogilvie, William T.	Geological Characterization and Structural Analysis of Ni-Cu Sulphide Bearing Mafic Dykes of the Tantato Domain, Saskatchewan.	K. Bethune, & C. Normand & B. Knox
2015	Johnson, Sienna	Petrographic and Natural Fracture Analysis of the Souris Valley Beds (Lodgepole Formation)	S. Bend
2015	Olineck, Brant	Examining the Qu'Appelle Valley subsurface sediments as potential archives for the paleoflood history within the valley and a preliminary, multiproxy reconstruction of precipitation events	M. Velez
2015	Berthiaume, Jonathan	Geology of the 10-vein outcrop, Seabee Mine, Saskatchewan: Structural Controls on Gold Mineralization	K. Bethune
2015	Cloutier, Michael A.	An Overview of Quartz (LPO/CPO) Fabric Analysis	K. Bethune
2015	Edwards, Adam	Micro and Macro Structural Analysis of a Fault Zone in the End East Zone, Kiggavik, Nunavut	K. Bethune
2016	Stroh, Brodie	Structural, Petrographic, and Fluid Inclusion Studies of Zone 3 and Zone 7 Gold Occurrences in the Tantato Domain of Northern Saskatchewan	G. Chi, & C. Normand
2016	Deane, Jordan	Reanalysis of Santoy Zones 6 and 7 along the Sheared Western Limb of the Carruthers Lake Synform	K. Bethune
2016	Bachynski, Ryan	Field, Petrographic, and Structural Analysis of Sulphide Mineralization in Western Brabant Lake, Saskatchewan	K. Bethune R. Morelli
2017	MacKenzie, Katie	An Environmental Reconstruction of Pedro-palo Lake Based Upon Diatom Analysis	M. Velez
2017	Hoover, Kevin	The Colombian Holocene and the Identification of the Anthropocene through a Paleolimnologic Reconstruction of Lake Fuquene in the Eastern Cordillera of Colombia	M. Velez
2017	Comtois-Poissant, Anastasia	Petrogenesis and Geochemistry of Mafic Granulites from the Upper-Deck of the Tantato Domain, Northern Saskatchewan, Canada	T. Raharimahefa
2018	Koshin, Ebbyan	Subsurface Distribution and Reservoir Variability of the late Jurassic Roseray Formation, Southwestern Saskatchewan	O. Salad-Hersi
2018	Cunningham, Kirsten	Petrography and Geochemistry of late to Post-Collisional Felsic Suites in the Laird and White Lake areas of the Northern Glennie Domain, Saskatchewan	G. Chi & R. Morelli

2018	Squire, Jared	Detailed Mapping, Petrography and Economic Significance of a Magnetite Amphibolite Outcrop near White Lake, Northern Saskatchewan	T. Raharimahefa
2018	Schmidt, Jamie	The Structural Controls of the Ampfey Monogenetic Volcanic Field , Central Madagascar	T. Raharimahefa
2018	Dixon, Dallas	Quaternary Investigations of the Wapus Bay Area, Reindeer Lake, Saskatchewan	J. Dale
2018	Kistanov, Yevgeniy	Paleoenvironmental and Paleolimnological Reconstruction of the Big Quill Lake, SK	M. Velez
2018	Kitchen, Arin	Structural Study of Deformation Bands and their Application to Paleo-stress Analysis in the Athabasca Sandstone at Fox Lake, Northern Saskatchewan	K. Bethune
2019	Brandt, Shelby	Structural Analysis of the Glennie, Wapassini, Robertson, and Pa;mer Lakes Area, Glennie Domain Reindeer Zone, Canada	K. Bethune
2019	Wichruk, Nikolas	Basement Geology of the Eastern part of the Athabasca Basin Constrained by Aeromagnetic and Drillhole Data: Geological Factors Spatially-related to Uranium Deposits	G. Chi
2019	McClintock, Rae	Reservoir Potential of the Middle Member of the Bakken Formation in Southeastern Saskatchewan	M. Velez
2019	Queypo, Ryen	Characterization of Geological Structures of the Isalo Formation at Isalo National Park, Madagascar	T. Raharimahefa
2019	Miller, Erik	Comparison of basement and sandstone-hosted structures in two drill-cores from the Hughes Lake area, Southeastern Athabasca Basin, Saskatchewan, Canada: Insights into post-Athabasca fault reactivation processes	K. Bethune
2019	Mass, Evan	Structural investigations of a brittle ductile fault zone at the Patterson Lake South Project, southwestern Athabasca Basin, Saskatchewan	K. Bethune
2020	Strocen, Brody	Structural analysis of a sulphide-bearing shear zone on Colin Lake, northern Saskatchewan	K. Bethune
2020	Ferguson, Daniel	Petrographic and paragenetic study of uranium mineralization along the Midwest Trend, northeastern Athabasca Basin, Saskatchewan	G. Chi C. Normand