

M.Sc. Theses

Year	Student	Title of Thesis	Supervisor(s)
1977	Dwairi, Ibrahim	Aspects of the Uranium Geochemistry of Selected Lakes in Northern Saskatchewan: A Preliminary Study	G. Parslow
1978	Garven, Audrey	Geology of the Stackhouse – Numabin Bays – Area – Reindeer Lake, Saskatchewan	J. Lewry
1979	Hulbert, Larry	Geology of the Fraser Lake Gabbro Complex, Manitoba	G. Parslow
1979	Roberts, Keith	The Precambrian Geology of the Oliver-Spalding Lakes Region, Northern Saskatchewan	J. Lewry
1980	Rees, Christopher	Metamorphism in the Canadian Shield of Northern Saskatchewan	J. Lewry
1980	Potter, Dean	Zinc-lead Mineralization in the Wollaston Group stratigraphy, Sito–Fable Lakes area, Saskatchewan	G. Parslow J. Lewry
1980	Leibel, Robert	A Pore Geometry Study of the Mississippian Midale Carbonate of the Benson Field, Southeastern Saskatchewan	D. Kent L. Vigrass
1982	Crabtree, Harry	A Geological Model of the Innes Oilfield (Mississippian)	D. Kent
1982	Walters, Kenneth	Microfacies Relationships of the Mississippian Midale Carbonate of the GLEN EWEN Field Southeastern Saskatchewan	D. Kent
1983	Adamson, David	Uranium and Thorium Abundances in High-grade Rock from the Western Saskatchewan Shield	G. Parslow
1983	Eriyagama, Sarath	Geology and Reservoir Rock Types Mississippian – Ratcliffe Beds Hummingbird Oilfield Area Tp. 2-3, Rge. 18-19 W 2 M Saskatchewan	L. Vigrass D. Kent
1983	Thomas, David James	Distribution, Geological Controls and Genesis of Uraniferous Pegmatites in the Cree Lake Zone of Northern Saskatchewan	J. Lewry
1984	Akhurst, Maxine	Pore Geometry Model of The Mississippian Frobisher Beds (Innes Field) Southeastern Saskatchewan	D. Kent
1985	Abraham, Andrew	The Geology of the Otter Lake Area and Its Relation to the Southeastern Complex of the Western Churchill Province, Saskatchewan	J. Lewry
1986	Haidl, Frances	Geology and Fluid Distribution in the Lower Cretaceous Mannville Group, Celtic-Westhazel Area, Saskatchewan	L. Vigrass D. Kent
1986	Maceachern, James	Paleoenvironmental Interpretation of the Lower Cretaceous Waseca Formation, Upper Mannville Group, Lloydminster Area, Saskatchewan	D. Kent L. Vigrass
1988	Stasiuk, Lavern	Thermal Maturation and Organic Petrology of Mesozoic Strata of Southern Saskatchewan	J. Potter L. Vigrass
1990	McDougall,	Characterization of Coals from the Ravenscrag	J. Potter

	William	Formation, Southern Saskatchewan, Canada	L. Vigrass
1990	McTavish, Gregory	Salt Dissolution and Tectonics, South-central Saskatchewan	L. Vigrass
1990	Groeneveld, Neil	Geology of the Lower Mannville Strata, Winter-Senlac Area, Western Saskatchewan	L. Vigrass
1990	Beaton, Andrew	The Organic Petrology and Geochemistry of Lignite from the Paleocene Ravenscrag Formation, Southern Saskatchewan, Canada	L. Vigrass J. Potter
1990	Burton, John	Characterization and Comparison of Reservoir Lithologies, Mississippian Ratcliffe Beds; Oungre, Flat Lake and Lake Alma Oilfields, Southeastern Saskatchewan	D. Kent
1990	Kreis, Lyle	Stratigraphy of the Jurassic System in the Wapella-Moosomin Area, Southeastern Saskatchewan	D. Kent
1990	Perras, Gregg L.	Sedimentological and reservoir characteristics of the Frobisher-Alida Beds Lost Horse Hill Field, southeastern Saskatchewan	D. Kent
1990	Lincoln, D'Arcy	Sedimentation, Diagenesis and Petrophysical Characteristics of the Bone Creek Pool, Southwest Saskatchewan	D. Kent
1990	Koopman, Henry	Geology and Base Metal Occurrences of the Proterozoic Upper Grinnell and Lower Siyeh Formations, Southwestern Alberta	P. Binda D. Kent
1991	Karma, Ramez	Geology and Geochemistry of the Bakken Formation (Devonian-Missippian) in Saskatchewan	G. Parslow D. Kent
1991	Cisyk, David	Stratigraphy, Depositional Settings and Diagenesis of Carbonate Rocks of the Upper Devonian Birdbear Formation West-central Saskatchewan	D. Kent
1991	Peiris, Elias	Geology, Geochemistry and Petrography of the Uranium – Precious Metal Mineralization in the Nicholson Bay and Fish Hook Bay Area in Northern Saskatchewan	G. Parslow
1993	Maxeiner, Ralf	Geochemistry, Petrography and Metallogenesis in the Hanson Lake Area	B. Watters
1993	Cole, Kevin	The Regional Geology, Organic Petrology and Geochemistry of the Middle Jurassic Gravelbourg Formation in Southern Saskatchewan	L. Vigrass J. Potter
1994	Slimmon, William	Geology of the Gee-Sadler Lakes Area and Its Relation to the Tectonics of the Glennie Domain, Saskatchewan, Canada	J. Lewry
1995	Ogryzlo, Peter	Hearne Hill, British Columbia, Canada: Collapse Brecciation in a Continental Volcano-plutonic Arc	P. Binda G. Parslow
1995	Shi, Rupan,	Origin and Kinematic History of Highly Strained Gneisses in the Eastern Jan Lake Area	J. Lewry
1996	Yurkowski, Melinda	Factors Influencing Diagenesis, Facies Development and Reservoir Quality for Middle Devonian Upper Winnipegosis Member Southeastern Saskatchewan through Empirical Relationships between Porosity, Permeability and Pore Throat Size Distribution	D. Kent
1996	Minto, Jeffrey	A Study of Winnipegosis Reefs in the Devonian Outcrop Belt of Manitoba	D. Kent

1997	Labelle, Daniel	Allostratigraphic Analysis of the Upper Jurassic (Callovian-Oxfordian) Roseray Formation-Southwestern Saskatchewan	K. Bergman
1997	Tran, Hai	Structural Relations and Thermotectonic History of the Medicine Rapids Grassy Narrows Area, Northern Saskatchewan, Canada	J. Lewry
1997	Webber, Jeffrey	Development of a Regional High-resolution Stratigraphic Framework for the Late Albian Viking Formation in East-central Alberta and West-central Saskatchewan	K. Bergman
1998	Bernatsky, Riona	Hydrogeochemistry of Formation Waters in Southern Saskatchewan	L. Vigrass
1999	Hartlaub, Russell	Boundary Relationships Between the Northern Flin Flon Domain (Attitti Block), Kiskeynew Domain and Scimitar Complex: Towards a Flin Flon-Glennie Complex	J. Lewry K. Ashton
1999	Cosford, Jason	Geomorphology and Glacial History of the Las Hayas Valley, Santa Cruz, Argentina	K. Bergman
2000	Gordon, John	Stratigraphy and Sedimentology of the Foremost Formation in Southeastern Alberta and Southwestern Saskatchewan	K. Bergman
2001	Card, Colin	Geology and Tectonic Setting of the Oldman-Bulyea Shear Zone, Northern Saskatchewan, Canada	K. Bethune K. Ashton
2002	Seibel, Christopher	An examination of the Source Rock Potential of the Deadwood and Winnipeg Formations of Southern Saskatchewan	S. Bend
2003	Ward, Kimberley	Lower Cretaceous Sparky Sandstone, Redwater Area, Central Alberta: Stratigraphy and Paleoenvironment	K. Bergman
2003	Harvey, Douglas	A Reservoir Characterization of Selected Ordovician, Devonian and Mississippian Dolostones from the Southeast Saskatchewan Portion of the Williston Basin	D. Kent H. Qing
2004	Harvey, Shawn E.	Structural Geology and Its Relationship to Paleotopography, Alteration, and Uranium Mineralization in the Deilmann Orebody, Key Lake Mine, Saskatchewan	K. Bethune K. Ashton
2004	Blair, Michael	Allostratigraphic Analysis of the Lower Middle Jurassic, Southern Saskatchewan	K. Bergman
2004	Smith, Mauri	Geochemical Analysis and Familial Association of Oils and Potential Source Rocks of the Ordovician Winnipeg Formation and Cambrian Deadwood Formation, Williston Basin	S. Bend
2005	Toews, Cameron	Sedimentology and Stratigraphic Architecture of the Bakken Formation (Devonian-Mississippian), West-Central Saskatchewan	K. Bergman
2006	MacLean, Natalie	Implications of the compositions erupted during the recent 2001-2003 activity at Mt. Etna, Sicily on the evolution of the volcano	I. M. Coulson
2006	Marsh, Arden	Sedimentology and Diagenesis of the Frobisher Succession in the Steelman Field in Southeast Saskatchewan	H. Qing

2006	Cameron, Angela	Petrography, Diagenesis and Reservoir Analysis of The Middle Devonian Upper Winnipegosis Unit, South-Central Saskatchewan	D. Kent
2006	Nimegeers, Andrew	Stratigraphic Relationships and Depositional Model of the Mississippian Midale Beds in the Steelman-Bienfait Area, Souththeastern Saskatchewan	H. Qing
2007	Cameron, Orrin	The stratigraphy, Organic Petrology, and Depositional Environments of The Middle Devonian Brichtholme Member and Ratner Formation of South Central Saskatchewan	D. Kent
2007	Hunter, Rebecca	A Geological Investigation of the Thluicho Lake Group, Southwestern Rae Province, SK, Canada	K. Bethune K. Ashton
2007	Walz, Carrie	Sedimentologic, Stratigraphic, and Diagenetic Study of The Viking Formation, Bayhurst Pool and Surrounding Areas, Southwestern Saskatchewan	G. Chi P. Pedersen
2008	Nickel, Erik	Geological and Geochemical Characterization of Sealing Units in the Weyburn Oil Field, Southeast Saskatchewan	H. Qing
2009	Tong, Andy	Sedimentology, Sequence Stratigraphy, and Diagenesis of the Lower Cretaceous Viking Formation, Dodsland and Hoosier Area, West-Central Saskatchewan.	G. Chi P. Pedersen
2009	Cliveti, Monica	The Ennadai Greenstone Belt, Northern Saskatchewan	I. Coulson
2009	Cen, Xiaochun	Stratigraphy, Sedimentology and Reservoir Characterization of an Inner Platform Carbonate-Evaporite Sequence: the Late Devonian Duperow Formation of Southeastern Saskatchewan, Canada.	H. Qing O. Salad-Hersi
2010	Urban, Mark	Sedimentology, Diagenetic History and Reservoir Characterization of the Coronach Member, Herald Formation, Williston Basin, SE Saskatchewan.	H. Qing
2010	Wang, Autumn	Stratigraphic, Diagenetic and Geochemical Study of Cretaceous Strata in Central Saskatchewan.	G. Chi Per Kent Pedersen
2010	Liu, Yongxing	Fluid Dynamics and Fluid-Structural Relationships in the Red Lake Mine Trend, Red Lake Greenstone Belt, Ontario.	G. Chi
2011	Liu, Junjie	Diagenesis of the Mississippian Midale Beds, Steelman Midale Pool, Southeastern Saskatchewan.	H. Qing
2011	Xu, Qin	Diagenetic Studies of the Mannville Group with Reference to Petroleum Charging & Biodegradation in the Lloydminster Area, Saskatchewan.	G. Chi
2010	Han, Deliang	Remote Predictive Mapping (RPM) of the Surficial Materials in the Phelps Lake Area, Northern Saskatchewan.	J. Dale
2012	Boulanger, Rachel	Geological, petrographic and geochemical characterization of the Roughrider West Zone unconformity-type uranium deposit, Athabasca Basin, Saskatchewan.	G. Chi
2012	Kohlruss, Daniel	Stratigraphic Architecture and facies analysis of	G. Chi

		the lower cretaceous Dina Member of the Mannville group in Northwest, Saskatchewan.	
2012	McEwan, Brian	Structural Style and regional comparison of the Paleoproterozoic Ketyet River group in the region north-northwest of Baker Lake, Nunavut.	K. Bethune
2012	Knox, Bernadette	A geological investigation of the south-central Beaverlodge Domain, southern Rae Province: with emphasis on the nature and timing of deformation and associated metamorphism	K. Bethune K. Ashton
2013	Yip, Sze Shan	Diagenetic Evolution of the Middle Devonian Stone and Dunedin Formations of the Liard Basin, Northeast British Columbia	O. Salad Hersi H. Qing
2014	Andrea Saldarriaga	Paleoecological and Paleohydrological Reconstruction of Holocene Deposits of the Cauca River Based on Diatoms and Sedimentological Analysis	I. Coulson and M. Velez
2014	Chengyu Yang	A Preliminary Investigation of Possible Occurrences of Transition Zones and Residual Oil Zones Below Oil-Water Contact in Matured Oil Fields, Southeast Saskatchewan	H. Qing
2014	Bree Wrolson	Maceral Variations and Maceral Assemblages Within the Upper and Lower Members of the Bakken Formation, Williston Basin, Saskatchewan, Canada	S. Bend
2014	Zhang, Siyang	Petrography and Diagenesis of Cambrian Dolomite in Tabei Uplift, Northern Tarim Basin, China	H. Qing
2014	Fillmore, Julie	The Origin of Adakites in the Garibaldi Volcanic Complex, southwestern British Columbia, Canada	Coulson
2015	Fanghao Xu	Characteristics of Tight Reservoirs in the Oligocene Huagang Formation, Xihu Sag, East China Sea Basin	I. H. Qing
2015	Rong Liang	Characterization of Fluids Associated with Vein-type Uranium Mineralization in the Beaverlodge Uranium District, Northern Saskatchewan: Field, Petrographic, Fluid Inclusion and C-O Isotope Studies	G. Chi & K. Ashton
2015	Adam Staruiala	Sedimentology, Diagenesis (Including Dolomitization) of the Bakken Formation, Southeastern Saskatchewan Canada	H. Qing & G. Chi
2015	Ryan Scott	Petrographic, Fluid Inclusion, and Illite Geothermometry Analysis of the Rumpel Lake Drill Core, Athabasca Basin, Northern Saskatchewan, Canada	G. Chi
2016	Rabiei, Morteza	Petrography, Geochronology, Oxygen Isotope Geochemistry and Fluid Inclusion Analysis of the Maw Zone Ree Deposit: New Insights on the Relationships with Unconformity-Related Uranium Mineralization in the Athabasca Basin, Canada	G. Chi C. Normand
2016	Wood, Chase R.	Structural study of the auriferous Santoy shear zone, northeastern Glennie domain, Saskatchewan	K. Bethune
2016	Wang, Kewen	A Study of Petrography, Fluid Inclusions and Graphite Alteration of the Phoenix Uranium	G. Chi K. Bethune

		Deposit, Athabasca Basin, Northern Saskatchewan, Canada	
2016	Ji, Congwei	Lithofacies, Cyclicity and Diagenetic Characteristics of the Mississippian Mission Canyon Formation, Southeast Saskatchewan	O. Salad Hersi
2016	Lei, Ming	An Examination of the Mineralogy and Lithology of the Bakken Shale with Implications upon the Bakken Petroleum System, Southeastern Saskatchewan	H. Qing
2016	Berenyi, Jason	Stratigraphic investigations into the genesis of anomalously thick coal deposits in East-central Saskatchewan	H. Qing
2016	Diaz, Juan Fernando	Litho- and Biostratigraphic analysis of the Upper Cretaceous Carlile and Niobrara formations in southern Saskatchewan, Canada	M. Velez
2017	Kennicott, Jacklyn	Petrographic, geochemical and geochronological study of albitization associated with vein type uranium mineralization in the Beaverlodge district, northern Saskatchewan	G. Chi K. Ashton
2017	Ullah, Aman	Lithofacies properties, biostratigraphy, cyclicity and depositional environment of the Margala Hill Limestone, Hazara Basin, Northern Pakistan	O. Salad-hersi
2018	Yin, Hang	A Comparative Study of Silicified Rock Reservoir in Shunnan 4 well of Tarim Basin with Hydrothermal Chert Reservoir of Parkland Gas Field in Western Canada Sedimentary Basin	H. Qing
2018	Hill, Peter	Sedimentology, Stratigraphy and Reservoir Characterization of the Middle Jurassic Upper Shaunavon Member in Southwestern Saskatchewan	O. Salad-Hersi
2018	MacKnight, Scott	A geological and Geochemical Assessment of the Lower Mississippian Souris Valley Beds of the Lodgepole Formation in South-East Saskatchewan	S. Bend
2018	Telmotzin-Loranca, Y.	Palaeoenvironments and palaeoclimates during the late Holocene in lake Siscunsi (Colombia), a multiproxy perspective	M. Velez G. Simpson
2018	Johnstone, Dillon	Lithostratigraphic and Structural Controls of Uranium mineralization in the Kiggavik East Zone, Centre Zone, and Min Zone Deposits, Thelon Basin, Nunavut	K. Bethune
2019	Cloutier, Michael	U-Pb geochronology, geochemistry, and isotopic composition of Archean and Paleoproterozoic granitoids of NW Saskatchewan: implications for Arrowsmith orogenesis and the origin of the Nolan-Zemlak domain boundary	K. Bethune
2020	Wang, Yumeng	A study of compaction and cementation of sandstones in the Athabasca Basin, Northern Saskatchewan, Canada, and implications for unconformity-related uranium mineralization	G. Chi
2020	Chow, Celine	Sedimentology and Diagenesis with Respect to the Reservoir Development of the Mississippian Midale Beds in the Pinto-Roche Percee Area, Southeastern Saskatchewan	H. Qing