University of Manitoba Archives & Special Collections

Finding Aid - Joseph Henry Ellis fonds (Mss 19, Pc 19, Mc 2)

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Language of description: English

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Joseph Henry Ellis fonds

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Summary information

Repository: University of Manitoba Archives & Special Collections

Title: Joseph Henry Ellis fonds

ID: Mss 19, Pc 19, Mc 2

Date: 1811-1972 (date of creation)

Physical description: 2.5 m of textual records.

2154 photographs.212 negatives.266 maps.

Language: English

Dates of creation, Revisions and Additions by Kathleen Epp, 1992 and John

revision and deletion: Richthammer, 1996. Finding aid migrated to AtoM on August 30, 2017

by Natalie Vielfaure.

Administrative history / Biographical sketch

Note

Born in Coventry, England in 1890, Joseph Henry Ellis immigrated to Canada in 1907. From his arrival until 1914, he worked on a farm at Glenboro, Manitoba, and also at the Brandon Experimental Farm. In 1918 he graduated from Manitoba Agricultural College with a Bachelor of Science degree. He then accepted a position as experimentalist and lecturer in soil management in the Field Husbandry Department. In 1927 he received a MSc from the University of Minnesota and became the first head of the Soils Division at the University of Manitoba, a post he held until 1955. Throughout this period he lectured and participated in soil surveys to map and classify the soils of Manitoba. Elements of his classification system were later incorporated into the Canadian soil classification system. Following his tenure as Head of the Department of Soil Science, Professor Ellis acted as a consultant for the federal government's Department of Mines and Natural Resources and the Manitoba Department of Agriculture.

Custodial history

The first accession of the Joseph Henry Ellis fonds was donated by Dr. R.A. Hedlin of the Department of Soil Science in 1980. The second accession was originally donated to the Provincial Archives of Manitoba, but in view of the fact that the University of Manitoba held the majority of the Dr. J.H. Ellis collection, it was transferred to the University of Manitoba Archives & Special Collections by J. Ellis in 1992.

Scope and content

The fonds consists of biographical material, land inspection reports, special project reports, course materials, awards and surveys set among a few financial records, maps and notes. 2154 photographs, 212 negatives and photograph albums have been transferred to the photograph collection PC 19. MC 2 consists of 266 maps.

Notes

Title notes

Restrictions on access

No restrictions have been placed upon the collection. It is available to all those who wish to consult it on the condition that they abide by all copyright laws and regulations as passed by the Parliament of Canada and exercise proper care of all contained therein. Any excerpts or quotations from the Collection must not be used without acknowledgment and source attribution.

Accruals

Past accruals include: A1980-044, A1992-041 and A1996-047. No further accruals are expected.

Other notes

• **Publication status**: published

Access points

• (documentary form)

Series descriptions

Manuscript Collection

Date: 1811-1972 (date of creation)

Scope and content:

The collection is organized into four series: Miscellaneous; Publications; Reports; University of Manitoba - Course Material; and Framed Documents.

Physical description: 2.5 meters of textual records and other material

Access points:

• Textual record (documentary form)

Publication status:

published

File / item list

Miscellaneous

<u>Date</u>: 1915-1969 (date of creation)

Access points:

• Textual record (documentary form)

Publication status:

published

Ref code	Title	Dates	Access status	Container
	File - Biographical data on Dr. Joseph	n.d.	,	A1980-044,
	Henry Ellis			Box 0001 File
				0001
	File - Report of land inspection of	n.d.		A1980-044,
	Summerberry and Grand Rapids areas			Box 0001 File
				0002
	File - Land inspection of the Minago	n.d.		A1980-044,
	River area			Box 0001 File
				0003
	File - Inspections of: east of Lake	n.d.		A1980-044,
	Manitoba, south-east of Lake Manitoba,			Box 0001 File
	south of river at Portage la Prairie, and			0004
	land adjacent to west shore of Lake			
	Manitoba			
	File - The Delta Marsh area and the weed	n.d.		A1980-044,
	problem			Box 0001 File
				0005
	File - Using alfalfa to reduce flooding in	n.d.		A1980-044,
	the Red River Valley			Box 0001 File
				0006
	File - Report of the reconnaissance soil	1939		A1980-044,

File / item list

survey, municipality of Armstrong

Box 0001 File

0007

File - Summary report to Dr. L.B.	n.d.	A1980-044,
Thomson on stream bank erosion work in Manitoba		Box 0001 File 0008
File - Saskatchewan River reclamation project, #1-10	1956, 1965	A1980-044, Box 0002 File 0001
File - Riesen, H.G. P.F.R.A. projects in Manitoba - Annual Report	1953-1954	A1980-044, Box 0002 File 0002
File - Gill, C.B. Willows in Manitoba	n.d.	A1980-044, Box 0002 File 0003
File - Brodrick F.W. and S.E. Chernick. Preliminary report on the Carrot River survey		A1980-044, Box 0003 File 0001
File - Report on Carrot River reclamation project	n.d.	A1980-044, Box 0003 File 0002
File - Ellis, J.H. Papers in connection with the Pasquia land settlement project	n.d.	A1980-044, Box 0003 File 0003
File - Ellis, J.H. WhitherWhy and How? The Pasquia land settlement project	n.d.	A1980-044, Box 0003 File 0004
File - Pasquia area meetings of the co-operative committee on field crop experiments and demonstrations	n.d.	A1980-044, Box 0003 File 0005
File - Ellis, J.H. Pasquia land settlement project report #1-4	n.d.	A1980-044, Box 0003 File 0006
File - Ellis, J.H. Report of the reconnaissance soil survey of the soils of the Red River Valley in Manitoba	n.d.	A1980-044, Box 0003 File 0007
File - Ellis, J.H. Report of the reconnaissance soil survey, Julius area, Manitoba	n.d.	A1980-044, Box 0003 File 0008
File - Manitoba Agriculture and prairie farm rehabilitation activities	n.d.	A1980-044, Box 0003 File 0009
File - Report on preliminary land inspection, south-eastern Manitoba	n.d.	A1980-044, Box 0004 File 0001
File - Tree planting and soil conservation, meteorological research, Pratt motion and other papers	-1934	A1980-044, Box 0004 File 0002
File - Report on the economy of south- eastern Manitoba	1957	A1980-044, Box 0004 File 0003
File - Preliminary soil survey of the Green Lake Settlement	1951	A1980-044, Box 0004 File 0004
File - Preliminary report - Assiniboine River Development	1945	A1980-044, Box 0004 File 0005

File - Land use and the federal wheat acreage reduction program	n.d.	A1980-044, Box 0004 File
		0006
File - Beraking experiment - thesis material, W.A. Ehrlich	n.d.	A1980-044, Box 0004 File 0007
File - Ellis, J.H. Southern Manitoba grasslands and forest zones,	1968	A1980-044, Box 0004 File 0008
File - Ellis, J.H. et al. Progress report of mineral analyses of hay samples made in connection with provincial pasture studies	1949	A1980-044, Box 0004 File 0009
File - Progress report of fertilizer trials in the Arborg district	1934-1935	A1980-044, Box 0004 File 0010
File - Manitoba Crown landstheir acquisition, tenure and utilization	n.d.	A1980-044, Box 0004 File 0011
File - Proposed regulations governing the use of Crown grasslands	n.d.	A1980-044, Box 0004 File 0012
File - Experimental data from field 2 & 8	1915-1926	A1980-044, Box 0005 File 0001
File - Ellis, J.H. Revenue-bearing Crown grasslands in Manitoba	1962	A1980-044, Box 0005 File 0002
File - Ellis, J.H. Review of grazing leases on Crown land in Manitoba	1962	A1980-044, Box 0005 File 0003
File - Schreiber, K. Manitoba Sugar Co. Ltd.	n.d.	A1980-044, Box 0005 File 0004
File - Ellis, J.H. et al. Report of investigations into the occurrence of nitrate in waters used from domestic and stock-watering purposes; and in fodder produced in the Neepawa and adjacent districts	1951, 1955	A1980-044, Box 0005 File 0005
File - Statistical methods	n.d.	A1980-044, Box 0005 File 0006
File - Jackson, M.L. Soils analysis. chemical and physico-chemical methods	n.d.	A1980-044, Box 0005 File 0007
File - M.A.C. balance sheet	1915	A1980-044, Box 0005 File 0008
File - M.A.C. Bedford Demonstration Rotation Labour Report,	1914	A1980-044, Box 0006 File 0001
File - Ellis, J.H. Historical Summary of conference held by Manitoba agronomists	n.d.	A1980-044, Box 0006 File 0002

File - Junior co-operative fertilizer experiments	1929-1931	A1980-044, Box 0006 File 0003
File - Ellis, J.H. Report on south-eastern Manitoba from a land-use standpoint	n.d.	A1980-044, Box 0006 File 0004
File - Annual sanitary inspectors' institute proceedings and lectures	March 1952	A1980-044, Box 0006 File 0005
File - Ellis, J.H. A review of the Manitoba land inspector's association	1925-1972	A1980-044, Box 0006 File 0006
File - Framingham, Charles F. and James A. MacMillan. The Interlake Fact Digest	1968	A1980-044, Box 0006 File 0007
File - Organic Soils of Manitoba	n.d.	A1980-044, Box 0006 File 0008
File - Ellis, J.H. et al. Nitrates in water and fodder - Neepawa area	n.d.	A1980-044, Box 0006 File 0009
File - Illustrations, south-eastern Manitoba; report	1959	A1980-044, Box 0007 File 0001
File - Report to Dr. L.B. Thomson on observations on flooding and erosion problems in the Riding Mountain district of Manitoba	n.d.	A1980-044, Box 0007 File 0002
File - Synopsis of land-use and land-use problems in Manitoba	1957	A1980-044, Box 0007 File 0003
File - Ellis, J.H. and E.A. Poyser. Report on Hazel Creek and land-use north of Craig Siding	1960	A1980-044, Box 0007 File 0004
File - Photographs relating to the Carrot River Settlement project	1948-1949	A1980-044, Box 0007 File 0005
File - Carrot River reclamation project	1946-1949	A1980-044, Box 0007 File 0006
File - Ellis, J.H. Confidential report on the Porcupine forest reserve in relation to the grazing of livestock	1963	A1980-044, Box 0007 File 0007
File - Ellis, J.H. A study of grazing under permit - Turtle Mountain forest reserve	1962	A1980-044, Box 0007 File 0008
File - Ellis, J.H. Land-use problems in the Interlake and Westlake high-lime region in Manitoba	n.d.	A1980-044, Box 0008 File 0001
File - Aerial Photography Methods	n.d.	A1980-044, Box 0008 File 0002
File - Miscellaneous data on high-lim region	n.d.	A1980-044, Box 0008 File 0003

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	File - Ellis, J.H. Land utilization in	1961	A1980-044,
	Manitoba and the need for a Provincial		Box 0008 File
	land-utilization advisory board		0004
	File - Ellis, J.H. et al. Manitoba - lands,	n.d.	A1980-044,
	land-use, problems, surface waters and		Box 0009 File
	conservation		0001
	File - Ellis, J.H. The Pasquia land	1956	A1980-044,
	settlement project - outlines, results		Box 0009 File
			0002
	File - Miscellaneous maps and notes	n.d.	A1980-044,
			Box 0009 File
			0003
	File - The Mitscherlich method -	n.d.	A1980-044,
	the determination of the manurial		Box 0010 File
	requirements of soils		0001
	File - Results obtained in the agricultural	1943	A1980-044,
	research work conducted by the	1713	Box 0010 File
	Manitoba Sugar Co. Ltd.		0002
	File - New P.F.R.G. set-up	1938	A1980-044,
	The - New F.F.R.O. set-up	1936	Box 0010 File
			0003
	Eile Terre planting morehines	- 4	
	File - Tree planting machines	n.d.	A1980-044,
			Box 0010 File
	Til D 1 wi 11		0004
	File - Bush cutting machines	n.d.	A1980-044,
			Box 0010 File
			0005
	File - Figures used in report on land-use	n.d.	A1980-044,
	problems in Interlake and Westlake high-		Box 0010 File
	lime regions in Manitoba		0006
	File - Addresses - Lectures, papers (6)	1929-1942	A1980-044,
	includes Table of Contents		Box 0011 File
			0001
	File - Addresses - Reports and papers	1943-1946	A1980-044,
	(24) includes Table of Contents		Box 0011 File
			0002
	File - Addresses - Reports and papers	1949-1951	A1980-044,
	(12) includes Table of Contents		Box 0011 File
			0003
	File - Addresses and papers (10) includes	1951-1953	A1980-044,
	Table of Contents		Box 0011 File
			0004
	File - Addresses - Radio Talks (10)	1931-1940	A1980-044,
	includes Table of Contents		Box 0011 File
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		0005
	File - Addresses - Papers - Miscellaneous	1920-1954	A1980-044,
	The Addresses Lapers Wilsemancous	1,20 1,01	Box 0011 File
			0006
-	File - Correspondence - Miscellaneous	1928-1980	A1980-044,
	The Correspondence - Wilseenancous	1/20 1/00	Box 0012 File
			0001 0001
	File Correspondence and Denors	1050 1060	
	File - Correspondence and Papers -	1950-1969	A1980-044,
1	Personal		Box 0012 File
			0002

File - Field Trips - Itineries, etc.	1964-1969	A1980-044,
		Box 0012 File
		0003

Publications

Date: 1919-1960 (date of creation)

Access points:

• Textual record (documentary form)

<u>Publication status</u>:

published

	File / item	list		
Ref code	Title	Dates	Access status	Container
	File - Farm Forestry and Tree Culture	1945		A1980-044, Box 0012 File 0004
	File - The Land For Thine Inheritance	1951-1947		A1980-044, Box 0012 File 0005
	File - List of Publications, Reports, Experiments and Thesis	1919-1955		A1980-044, Box 0012 File 0006
	File - The Soils of Manitoba	1938		A1980-044, Box 0012 File 0007
	File - Reconnaissance Soil Survey - R.M. of Armstrong	1939		A1980-044, Box 0012 File 0008
	File - Reconnaissance Soil Survey - S.W. Manitoba	1940		A1980-044, Box 0012 File 0009
	File - Reconnaissance Soil Survey - S. Central Manitoba	1943		A1980-044, Box 0012 File 0010
	File - Reconnaissance Soil Reports (3)	1956, 1957		A1980-044, Box 0013 File 0001
	File - 2Miscellaneous - Agriculture and Soils	1924-1948		A1980-044, Box 0013 File 0002

Reports

Date: 1930-1971 (date of creation)

Access points:

• Textual record (documentary form)

Publication status:

	File / item	list		
Ref code	Title	Dates	Access status	Container
	File - Soil Drifting in South Western	1936		A1980-044,
	Manitoba			Box 0013 Fil
				0003
	File - Soil Erosion in Western Canada	1954		A1980-044,
				Box 0013 Fil
				0004
	File - Soils and Fertilizers for Durum	[ca. 1934]		A1980-044,
	Wheat			Box 0013 Fil
				0005
	File - Soil Ratings - Manitoba Soil	1960		A1980-044,
	Associations			Box 0013 Fil
				0006
	File - Soil Survey - General	1930-1944		A1980-044,
				Box 0013 Fil
	F1 C 1C M 1 M 1 1	1044		0007
	File - Soil Survey Manual - Manitoba	1944		A1980-044, Box 0013 Fil
				0008
	File - Soil Survey - Reconnaissance	1931		A1980-044,
	File - Son Survey - Reconnaissance	1931		Box 0014 Fil
				0001
	File - Zonal Soils of Manitoba	1947	,	A1980-044,
	The - Zonai Sons of Maintoba	1)47		Box 0014 Fil
				0002
	File - Soil Conditions and Land Use	1939		A1980-044,
				Box 0014 Fil
				0003
	File - Scientific Club of Winnipeg -	1905-1955	,	A1980-044,
	Miscellaneous papers			Box 0014 Fil
				0004
	File - Historical and Scientific Society of	1944-1963		A1980-044,
	Manitoba - Miscellaneous papers			Box 0014 Fil
				0005
	File - Note book - Soil and Crop	n.d.		A1980-044,
	Management Experiments			Box 0014 Fil
				0006
	File - Soils (Miscellaneous) papers	1932-55		A1980-044,
	published (5)			Box 0014 Fi
	Ello DED A Matagard at 11 at 2	1026 1044		0007
	File - P.F.R.A. Notes and publications	1936-1944		A1980-044, Box 0014 Fi
				0008
	File - Reports - Soil conservation	1933-1945		A1980-044,
	The - Reports - Son conservation	1733-1743		Box 0015 Fil
				0001
	File - Reports/Papers - Soil Conservation	1946-1954		A1980-044,
	The - Reports/1 apers - Soil Conservation	1770-1774		Box 0015 Fi
				0002

File - Soils Session notes - Lands Branch Inspectors Conference	1961	A1980-044, Box 0015 File 0003
File - Treatise - Birth of Agronomic	1971	A1980-044,
Research at M.A.C.		Box 0015 File
		0004

University of Manitoba Course Material

Date: n.d. (date of creation)

Access points:

• Textual record (documentary form)

Publication status:

published

File / item list

Ref code	Title	Dates	Access status	Container
	File - What - Where - Why and How	n.d.		A1980-044,
				Box 0016 File
				0001
	File - Land. Land Use. Land - Use	n.d.		A1980-044,
	Problems - Surface Waters and			Box 0016 File
	Conservation			0002
	File - Land - Use Problems in the	n.d.		A1980-044,
	Interlake and Westlake Land - Use			Box 0016 File
	Problems in the Interlake and Westlake			0003
	File - Morphology - Properties and	n.d.		A1980-044,
	Classification of Soils			Box 0017 File
				0001
	File - Soils of Western Canada -	n.d.		A1980-044,
	Utilization, Problems and Management			Box 0017 File
				0002
	File - Evolution, Development and	n.d.		A1980-044,
	Activities of the Ministry of Agriculture			Box 0017 File
	in Manitoba (Book 1)			0003
	File - Evolution, Development and	n.d.		A1980-044,
	Activities of the Ministry of Agriculture			Box 0018 File
	in Manitoba (Book 2 & 3)			0001

Framed Documents

<u>Date</u>: 1913-1975 (date of creation)

Physical location: UMASC

Access points:

• Textual record (documentary form)

<u>Publication status</u>:

published

File / item list					
Ref code	Title	Dates	Access status	Container	
	Item - Joseph Henry Ellis	1890-1973		A1980-044,	
				Box 0019	
	Item - Diploma - School of Scientific	1913	,	A1980-044,	
	Farming of Western Canada			Box 0019	
	Item - Diploma - Manitoba Agriculture	1916		A1980-044,	
	College			Box 0019	
	Item - Baccalaureatum Scientiae in	1918	,	A1980-044,	
	Agricultura			Box 0019	
	Item - Master of Science Minnesota	1927	,	A1980-044,	
				Box 0019	
	Item - Doctor of Science	1969		A1980-044,	
				Box 0019	
	Item - Fellow - The Appraisal Institute of	1941		A1980-044,	
	Canada			Box 0019	
	Item - Fellow - Agricultural Institute of	1950		A1980-044,	
	Canada			Box 0019	
	Item - Charter Member - The Manitoba	1951		A1980-044,	
	Institute of Agrologists			Box 0019	
	Item - Canadian Society of Soil Science	1959		A1980-044,	
	Special Award			Box 0019	
	Item - Fellow - Canadian Society of Soil	1963		A1980-044,	
	Science			Box 0019	
	Item - The Order of the Crocus	1067		A1980-044,	
				Box 0019	
	Item - Honorary Life Membership in the	1969		A1980-044,	
	Manitoba Institute of Agrologists			Box 0019	
	Item - Naming J.H. Ellis Building	1975		A1980-044,	
				Box 0019	

Collection Mss 19, Pc 19, Mc 2-PC 19: Photograph Collection

Date: 1880s-1969 (date of creation)

Physical description: 2154 photographs. -- 212 negatives

Access points:

• Graphic material (documentary form)

Arrangement:

This collection is not organized into series. Instead it has been left in the order in which it was placed by Ellis

Publication status:

published

	File / item list			
Ref code Title Dates Access status Container				
	File - Miscellaneous	1958-1960		A1980-044, Box 0001PC File 0001
	Item - Portrait of Joseph Henry Ellis	1890-1973		
	Item - Pre-Cambrian Rocks, McMunn Area	1960		
	Item - S-E Manitoba Vegetation, Moose Lake Area	1960		
	Item - Vegetation, Moose Lake Area	1960	,	
	Item - Birch Trees - Moose Lake	1960		,
	Item - Tobacco - Marchand Forest Station	1960		
	Item - Tobacco - Marchand Forest Station	1959		
	Item - Alfalfa with and without Gypsum, South Junction	1959		
	Item - Vegetation - Moose Lake	1959		-
	Item - Loan Inspectors - Moose Lake	1959		
	Item - Loan Inspectors - Moose Lake	1959		
	Item - Beaver Dam on Sprague Creek, Sprague Corner Area	1958		
	Item - Grass Field and Abandoned Home, Piney Corner Area	1958		
	Item - Farmstead, Sprague Area	1958		
	Item - Farmstead, Piney Corner Area	1958		
	Item - Farmstead, Steinbach Area	1958	,	
	Item - Farmstead, Steinbach Area	1958	,	
	Item - Abandoned Site of Saw-Mill near Whitemouth Lake	1958		
	Item - Saw Mill, Sprague Area	1958		
	Item - Abandoned House - Marchand	n.d.		
	Item - Abandoned Farm Buildings - Marchand	n.d.		
	Item - White Pine, Moose Lake	1958	,	
	Item - Potatoes at South Junction	1958		
	Item - Dairy Cattle Grazing, Davidson Area	1958		
	Item - Dairy Cattle, S.E. of Steinbach	1958		
	Item - Appaloosa Horse Raising, La Broquerie Area	1958		
	Item - Sandy Stony Till Over Sand, Vassar Area	1958		
	Item - Grey Wooded Profile, Piney Corner	1958		
	Item - Piney Sandy Clay Loam, Piney Corner	1958		
	Item - Mini Sind Sand, Piney Corner Area	1958		
	Item - Mini Sind Sand and Jack Pine, Near Piney Fire Tower	1958		
	Item - Stoney Pelan Soil, S. of Steinbach	1958	1	

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	Item - Leached Soil on Sandy Drift Over Sand, Vassar Area	1958	
	Item - Leached Soil on Sandy Drift Over Sand, Vassar Area	1958	
_	Item - Looking South Over Peaty Area	1958	,
	East of Piney (2)		
	Item - Burnt-Over Forest Land Near South Junction	1958	
	Item - Half-Bog - Swale Grasses, Willow and Poplar, Steinbach Area	1958	
	Item - Second Growth on Boule; Poplar and Pine, South of Steinbach	1958	
	Item - Poplar and Burnt-Over Half-Bog	1958	
	Item - Red Pine, West of Sprague	1958	
	Item - Alfalfa and Blue Grass		
		1958	
	Item - Mallberg Farm - Field	1958	
	Item - Alfalfa and Clover Mixture, Flore District	1958	
	Item - Red Clover and Alsike, East of Sprague	1958	
	Item - Timothy and Clover - East of Wanke's Corner	1958	
	Item - Potato Field, South of Steinbach	1958	
	Item - Sugar Beets, South of Steinbach	1958	
	Item - Blueberry Treals, Forest Nurseries - Prawda (3)	1958	
	Item - Forest Nursery, Marchand (2)	1958	
	Item - Dairy Cattle Grazing, Davidson Area	1958	
	Item - Davidson Property (2)	1958	
	Item - Livestock Grazing, St. Genevieve	1958	
	Item - Grunthal - Milk Plant		
		1958	A 1000 044
	File - Miscellaneous	1958-1960	A1980-044, Box 0001PC File 0002
	Item - Trench Silo, Brandon Experimental Farm	1960	
	Item - Brandon Experimental Farm (2)	1960	
	Item - New Feeding Shed, Brandon Experimental Farm	1960	
	Item - Engine in Station Year, Steep Rock	1960	
	Item - Ferry Landing, Steep Rock	1960	
	Item - Quarry, Steep Rock	1960	
	Item - Lake Manitoba at Steep Rock	1960	
	Ferry Landing	1700	
	Item - Beach, Near Steep Rock	1960	
		1960	
	Item - Cattle and Winter Hay Supply, South-East Interlake Area		
	Item - Cattle and Dugout, South-East Interlake Area	1960	
	Item - Cattle, South-East Interlake Area	1960	
	Item - Gully, Near Swan Lake	1957	
	<u> </u>		

Item - Farm Loan Inspectors' Field Day, Near Swan Lake	n.d.	
Item - Recessional Moraine, South of Bruxelles	n.d.	
Item - Excavation for Gravel, Brandon	1958	,
Item - Eroded Spillway and Gully,	1958	
Alexander	1,500	
Item - Filling in Eroded Gully, Alexander	n.d.	
area		
Item - Fair Valley School Grounds	1958	
Item - Steele's Ferry - Manitoba	1958	
Geographical Society Field Day		
Item - View from Pier, Gimli	1958	
Item - Gimli (5)	1958	,
Item - Rendzina, Interlake Area	1959	
Item - Salt Springs and Site of Salt	1959	
Works, Dawson Bay Area (3)	1,3,	
Item - Salt Springs and Site of Salt	1959	
Works, Dawson Bay Area	1/0/	
Item - Red River in Flood, Wildewood	1960	
Golf Course		
Item - Red River After Flood,	1960	
Wildewood Golf Course (5)	1,00	
Item - Red River in Flood, St. Norbert (2)	1960	,
Item - La Salle River in Flood	1960	
Item - Rivers Dam (6)	1960	
Item - Breaking With Roto Tiller, Catfish	1960	,
Creek (2)	1,00	
* *		
File - Miscellaneous	1961-1964	A1980-044.
File - Miscellaneous	1961-1964	A1980-044, Box 0001PC
File - Miscellaneous	1961-1964	
File - Miscellaneous Item - Winnipeg	1961-1964	Box 0001PC
		Box 0001PC
Item - Winnipeg	1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade,	1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek	1963 1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat,	1963 1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2)	1963 1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek	1963 1963 1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish	1963 1963 1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish Creek Item - Peat Land in Process of Development, Catfish Creek	1963 1963 1963 1963 1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish Creek Item - Peat Land in Process of Development, Catfish Creek Item - White Spruce and Aspen Poplar,	1963 1963 1963 1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish Creek Item - Peat Land in Process of Development, Catfish Creek	1963 1963 1963 1963 1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish Creek Item - Peat Land in Process of Development, Catfish Creek Item - White Spruce and Aspen Poplar, South of Riverton Item - Native Meadow Grassland, Poplar,	1963 1963 1963 1963 1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish Creek Item - Peat Land in Process of Development, Catfish Creek Item - White Spruce and Aspen Poplar, South of Riverton Item - Native Meadow Grassland, Poplar, Cattle	1963 1963 1963 1963 1963 1963 n.d.	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish Creek Item - Peat Land in Process of Development, Catfish Creek Item - White Spruce and Aspen Poplar, South of Riverton Item - Native Meadow Grassland, Poplar, Cattle Item - Livestock Grazing, Porcupine	1963 1963 1963 1963 1963 1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish Creek Item - Peat Land in Process of Development, Catfish Creek Item - White Spruce and Aspen Poplar, South of Riverton Item - Native Meadow Grassland, Poplar, Cattle Item - Livestock Grazing, Porcupine Forest Reserve	1963 1963 1963 1963 1963 1963 n.d.	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish Creek Item - Peat Land in Process of Development, Catfish Creek Item - White Spruce and Aspen Poplar, South of Riverton Item - Native Meadow Grassland, Poplar, Cattle Item - Livestock Grazing, Porcupine Forest Reserve Item - Mailbox on Highway East of	1963 1963 1963 1963 1963 1963 n.d.	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish Creek Item - Peat Land in Process of Development, Catfish Creek Item - White Spruce and Aspen Poplar, South of Riverton Item - Native Meadow Grassland, Poplar, Cattle Item - Livestock Grazing, Porcupine Forest Reserve Item - Mailbox on Highway East of Winkler [missing] (2)	1963 1963 1963 1963 1963 1963 n.d.	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish Creek Item - Peat Land in Process of Development, Catfish Creek Item - White Spruce and Aspen Poplar, South of Riverton Item - Native Meadow Grassland, Poplar, Cattle Item - Livestock Grazing, Porcupine Forest Reserve Item - Mailbox on Highway East of Winkler [missing] (2) Item - Harvesting Potatoes, Winkler	1963 1963 1963 1963 1963 1963 n.d. 1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish Creek Item - Peat Land in Process of Development, Catfish Creek Item - White Spruce and Aspen Poplar, South of Riverton Item - Native Meadow Grassland, Poplar, Cattle Item - Livestock Grazing, Porcupine Forest Reserve Item - Mailbox on Highway East of Winkler [missing] (2) Item - Harvesting Potatoes, Winkler Item - Harvesting Potatoes, Carberry (3)	1963 1963 1963 1963 1963 1963 1963 1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish Creek Item - Peat Land in Process of Development, Catfish Creek Item - White Spruce and Aspen Poplar, South of Riverton Item - Native Meadow Grassland, Poplar, Cattle Item - Livestock Grazing, Porcupine Forest Reserve Item - Mailbox on Highway East of Winkler [missing] (2) Item - Harvesting Potatoes, Winkler Item - Harvesting Potatoes, Carberry (3) Item - Harvesting Potatoes, Winkler	1963 1963 1963 1963 1963 1963 1963 1963	Box 0001PC
Item - Winnipeg Item - Peat Fire Destroying Road Grade, Catfish Creek Item - Experimental Grass Plots on Peat, Catfish Creek (2) Item - Main Drain, Catfish Creek Item - Native Growth on Peat, Catfish Creek Item - Peat Land in Process of Development, Catfish Creek Item - White Spruce and Aspen Poplar, South of Riverton Item - Native Meadow Grassland, Poplar, Cattle Item - Livestock Grazing, Porcupine Forest Reserve Item - Mailbox on Highway East of Winkler [missing] (2) Item - Harvesting Potatoes, Winkler Item - Harvesting Potatoes, Carberry (3)	1963 1963 1963 1963 1963 1963 1963 1963	Box 0001PC

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Item - Construction of Red River Floodway, Lockport (11)	1963	
Item - Shale Beds, Drumheller, Alberta	1963	
(2)	1903	
Item - Badlands Carved In Shale,	1963	
Drumheller, Alberta	1703	
Item - Map of Improved and Unimproved	1963	
Farmland, Canada		
Item - Cleared Land (2)	1964	
Item - Cleared Land, Gunton Area (4)	1963	
Item - Cleared Land	1964	
Item - Cleared Land (6)	1962	
Item - Rocky Mountains (3)	1963	
Item - Land Inspectors' Field Trip,	1962	
Gnadenthal Area (3)		
Item - Land Inspectors' Field Trip,	1962	,
Winkler		
Item - Land Inspectors' Field Trip,	1962	,
Blumengart		
Item - Land Inspectors' Field Trip,	1962	
Winkler		
Item - Strip Crossing, Gnadenthal Area	1962	
(3)		
Item - Field Shelterbelt (9)	1962	
Item - Pre-Cambrian Rocks, Betual Lake	1962	
Item - Mixed Woods, Betula Lake	1962	
Item - Farmstead, Brunkild	1962	
Item - Farmstead, Brunkild (2)	1962	
Item - Fields, Brunkild Area	1962	
Item - Home-Made Hay Stacker, Oak	1961	
Point (2)		
Item - Delta Marsh Area (3)	1961	
Item - Crop on New Breaking, Portage	1961	
Plains Area		
Item - Dairy Cattle Grazing, West	1961	
Interlake Area		
Item - Dairy Cattle Grazing, Camper	1961	
Area	10.01	
Item - Regina Beach, Saskatchewan	1961	
Item - Tree Planting, Conquest,	1961	
Sasktachewan (2)	10/1	
Item - Canadian Soil Science Field Trip,	1961	
Saskatchewan (5)	1001	
Item - Sign at Sodium Sulphate Plant, Saskatchewan	1961	
File - Miscellaneous	1964-1969	A1980-044,
File - Miscerianeous	1904-1909	Box 0002PC
		File 0001
Item - Settler's Home on Road from	1969	1110 0001
Washow Bay Project to Hecla Island	1707	
Ferry (3)		
Item - Fisheries Training School, Hnausa	1969	
(4)		
 117		

Item - Field Trip - Manitoba Loan Inspectors (2)	1969
Item - Manigotagan Falls (2)	1969
Item - Pine Falls Power Plant	1968
Item - Winnipeg River Below Power	1968
Plant, Pine Falls	
Item - Manitoba Land Inspectors' Field Trip, Norris Lake (3)	1967
Item - Australian Seeder in Use, Narcisse (3)	1967
Item - Breaking Plow on Exhibit, Wawanesa (2)	1967
Item - Souris Valley, Wawanesa (2)	1967
Item - Brush Clearing, Interlake Area (2)	1967
Item - Peat Area, Washow Bay	1967
Item - Soil in Windrow After Burning	1967
Item - Brush Clearing, Interlake Areas	1967
(3)	
Item - Brush Piling Machine, Hnausa (2)	1967
Item - Mennonite House and Barn, Old Altona (2)	1967
Item - Land Clearing, E. Interlake Area (2)	1967
Item - Ice Thrown on Strandlines, Sandy Hook (7)	1967
Item - Roller for Smashing Town b sh, Strathclair	n.d.
Item - Land Inspectors' Field Trip, Pine Falls (2)	1966
Item - Grass Plots on Catfish Creek Reclamation Project, Land Ins. Field Trip	1966
Item - Plough on Catfish Creek Reclamation Project, Land Inspectors Field Trip	1966
Item - Silo Being Filled with Alfalfa - Grass Mixture, Selkirk	1966
Item - Government Ferry Hecla Island	1966
Item - Drainage Trench, Washow Bay	1966
District (3) Item - Home-Made Machine for Pushing Small Stayes into Windraws Inwood (2)	1966
Small Stoves into Windrows, Inwood (2)	1066
Item - Stone Picking Machines, Inwood	1966
Item - Stone Picking Machines, Gunton (2)	1964
Item - Sinkhole Near Inwood	1966
Item - Drift Ice at Pier at Gimli (2)	1966
Item - Ice Drift on Shores of Lake Winnipeg, Sandy Hook (2)	1966
Item - Drift Ice - Lake Winnipeg, Willow Point	1966
Item - Off-Shore Ice Ridge - Lake Winnipeg, Willow Point	1966
Item - Low Off-Shore Ice Ridge - Lake Winnipeg, Willow Point	1966
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	Item - Ice Drift Ridges Normal to the Beach, Willow Point	1966	
	Item - Clearing Poplar Bush, Petersfield	1966	
	District		
	Item - Archdeacon Cochrane's Tomb	1966	
	Item - Reinforced Primary Dike, Wildwood Area (2)	1966	
	Item - Wildwood Community Club	1966	
	During Flood, Fort Garry		
	Item - North Drive and Wildwood Gold	1966	
	Course, Fort Garry		
	Item - Wildwood Golf Course, Fort	1966	
	Garry (4)		
	Item - Pumping Sewage Water, Riverwood Avenue	1966	
	Item - Cattle in Pen - Giroux Area (2)	1965	
	Item - Grain in Stook, Oak Brae (2)	1965	
	Item - Cattle on Native Vegetation, Oak Brae Area	1965	
	Item - Stook Threshing, Oak Brae	1965	
	Item - Grain in Stook, Oak Brae	1965	
	Item - Crops in Stook, Lake Dauphin	1965	,
	Area (2)		
	Item - Spillway Control Structure - Red	1964	
	River Floodway, Lockport		
	Item - Lacustoine Clay Over Till Near Lockport	1964	
	Item - Spring Water, Gunton Area (2)	1964	
	Item - Gunton Quarry (2)	1964	
	Item - Cattle on Pasture, Interlake Area	1964	
	Item - Cattle Grazing in Balmoral Bay	1964	
	Area (2)		
	Item - Silver Spring in Balmoral Bay (2)	1964	
	Item - Provincial Park, Hadashville Area	1964	'
	Item - Footbridge, Prairie Forestry	1964	
	Association School Area (2)		
	Item - Prairie Forestry Association	1964	
	School Area File - Miscellaneous	1000 1004	A 1000 044
	File - Miscellaneous	1960-1964	A1980-044, Box 0002PC
			File 0002
	Item - Pasture Field, South of Ashern	1961	1 110 0002
	Item - Field East of Ashern	1961	
	Item - Field, Interlake Area (2)	1961	
	Item - Field, West of Eriksdale	1961	
	Item - Sheep and Geese, Oak Point	1961	
	Item - Sheep Near Woodlands (2)	1961	
	Item - Stone Pile, Gunton Area	1961	
	Item - Rock Formation, WE of Mulvihill	1961	
	Item - Stony Field Near Springhill	1961	
	Item - Bedrock Smoothed by Glacial	1961	
	Action, Spearhill		
	Item - Deposition of Till on Bedrock, Spearhill	1961	
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	Item - Bedrock Smoothed by Glacial Action	1961
	Item - Spearhill Quarry (2)	1961
	Item - Spearhill Quarry (2)	1961
	Item - Bedrock Smooth by Glacial	1961
	Action, Spearhill	
	Item - Terrain Between Oak Point and St. Laurent	1961
	Item - Oak Point Quarry	1961
	Item - Garson Quarry (2)	1961
	Item - Stony Mountain Quarry (3)	1961
	Item - Stonewall Quarry (4)	1961
	Item - Quarry at Steep Rock	1960
	Item - Lake Manitoba, at Steep Rock	1960
	Ferry Landing	
	Item - Striae on Elm Point Limestone, Oak Point Quarry (2)	1961
	Item - Glacial Striae, Elm Point	n.d.
	Limestone, Oak Point Outcrop	
	Item - Striae on Elm Point Limestone, Near Oak Point	1961
	Item - Lattice Pattern of Glacial Striae,	n.d.
	Oak Point Outcrop	ind.
	Item - Glacial Striae, Oak Point Outcrop	n.d.
	Item - Glacial Striae Near Lake	1961
	Atikameg (3)	
	Item - Rock Outcrop Showing Glacial Striae, Broad Valley Area (2)	1961
	Item - Manitoba (Rock) Formation Near Dawson Bay (3)	1962
	Item - Sinkhole Near Road Allowance, W. of Sandridge	1961
	Item - Sinkhole, W. of Sandridge (3)	1961
	Item - Sinkhole, W. of Sandridge (5)	1961
	Sandridge (2)	
	Item - Sinkhole	1961
	Item - Sinkhole at Tyndall (2)	1961
	Item - Snake Pit/Sinkhole Near Chatfield	1961
	Item - Sinkhole	n.d.
	Item - Snake Pit/Sinkhole Near Chatfield	1961
	Item - Sinkhole, Gross Isle (2)	1961
	Item - Park of Gateway Masonry,	1964
	University of Manitoba Entrance, Pembina Highway (2)	
	Item - Stonework at Banff Springs Hotel	1963
	Item - Stonework at Banii Springs Hotel Item - Stonework at Bow Lake, Alberta	1963
	Item - Stonework at Bow Lake, Alberta Item - Stonework on Bridge Over Bow	1963
	River, Banff	
	Item - Coursed Arrangement of Flaggy, Pinkish Limestone	1964
	Item - Church Constructed of Dressed Stones, St. Laurent	1961
	Item - Interior of St. Laurent Church	1961

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Item - St. Laurent Church - Dressed Stones	1961	
Item - Stone Barn at St. Laurent	1961	
Item - Stone Barn at R.C. Mission, St.	1961	
Laurent		
Item - Stone Shrine, Ste. Rose-du-lac	1961	
Item - Method of Constructing Shrine	1961	
with Native Stone, Ste. Rose-du-lac		
Item - Stone Monument to Rev. Father	1962	,
J.E. Garveau		
Item - Stone Building and Wall at Stony	1961	
Mountain		,
Item - (Stone) Concretion from Dug-out S. of Saskatoon	1961	
Item - Stone Picking Machine	1961	
Item - Stone Picker (4)	1964	
File - Miscellaneous	1956-1959	A1980-044,
The Wiscentificous	1730 1737	Box 0003PC
		File 0001
Item - Carrot River Area	n.d.	
Item - Drainage Ditch S. of Dominion	n.d.	
City		
Item - Ag. Rep. "Bert" Hamilton of Swan	1959	
River, Pasquia Area		
Item - Variety Trails - Fall Rye, Pasquia	1959	
Area		
Item - Fertilizer Experiment - Wheat on	1959	
Stubble, Pasquia Area		
Item - Pasquia Area (2)	1959	
Item - Willows Windbreak, The Pas (2)	1959	
Item - Control Structure - Drain "F",	1959	
Pasquia Area		
Item - Eastern Boundary of Halcrow	1959	
Lake, The Pas (5)	1050	
Item - Drain, Pasquia Area	1959	
Item - Culvert and Drain, Pasquia Area	1959	
Item - Sign on Control Dam at The Pas	1959	
Item - Turnips and Mangels	1958	
Item - Experimental Plots, Pasquia Area	1959	
(4)	1059	
Item - Meads of Wheat Grown in Pasquia Area	1958	
Item - Wheat, Pasquia Area	1958	
Item - Burning Crop Residue, Pasquia	1958	
Area	1730	
Item - Pumping Plant, Pasquia Area	1958	
Item - Erosion from Field and Deposition	1958	
in Road Ditch, Pasquia Area (2)		
Item - Pasquia Area Farm	1958	
Item - Experimental Plots, Pasquia Area	1958	,
Item - Seeding and Fertilizing, Pasquia	1958	,
Area (2)		
Item - Rocky Lake - North of The Pas (2)	1958	
Item - Settler's Home, Pasquia Project	1957	
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Itam Matagralagical Instruments	1957	
Item - Meteorological Instruments		
Item - Mangels, Pasquia Area (2)	1957	
Item - Grass Plots, The Pas	1957	
Item - Pumping Station, The Pas (3)	1957	
Item - Carrot River Road Bridge Over	1957	
Salt Channel		
Item - Carrot River Road and Dyke Near	1957	,
Lot 104		
Item - Farm Buildings Between Dyke	1957	
and Carrot River		
Item - Farm Yard Between Dyke and	1957	
Carrot River		
Item - Sowing Experimental Plots	1957	
Item - Raspberry Experiment, The Pas	1957	
Item - Raspberry Trails, Pasquia Area	n.d.	
1 1		
Item - Experimental Plots, Pasquia Area	n.d.	
(11)	1077	
Item - Cattle Grazing on Peaty Meadow,	1957	
Pasquia Area		
Item - Reclaiming Hydromorphic Area	n.d.	
by Grazing, Pasquia Area		
Item - Westray Road Ditch	n.d.	
Item - Undercutting of Road by Ditch,	n.d.	
Westray		
Item - Road Construction on Road S. of	n.d.	
Northcott Farm		
Item - Fertilizer Experiment - Indian	1957	
Lands, The Pas		
Item - Erosion - North Side of Carrot	1957	
River Road	1937	
Item - Temporary Pumping Station	1957	
Item - Diversion Dyke, Pasquia River (2)	n.d.	
· -		
Item - Drainage Ditch W. of Diversion	1957	
Dam, Pasquia Area		
Item - Pumps in Operation, Pasquia Area	1956	
Item - Dyke, Pasquia Area (3)	1956	
Item - Incipient Gully and Deposition in	n.d.	
Road Ditch (2)		
Item - Potato Experiment, Pasquia Area	1956	
File - Miscellaneous	1960-1965	A1980-044,
		Box 0003PC
		File 0002
Item - Field of Dandelions and	1964	
Reedgrass, Pasquia Area (2)		
Item - Settler's Home, Pasquia Area	1965	
Item - Rapeseed in Swath, Pasquia Area	1965	
Item - Garden Adjacent to Settler's	1965	
Home, Pasquia Area	1064	
Item - Sterling R. Lyon and D.M.	1964	
Gourlay in Field, The Pas		
Item - Sterling R. Lyon in Experimental	1964	
Plot, The Pas (2)		
Item - Fall Rye and Winter Wheat, The	1964	
 Pas		

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	Item - Cattle Tramping Into Ditch at Pumping Station #1, Pasquia Area	1964
	Item - Soil Drifting Into Ditch, Pasquia	1964
	Area (2)	1704
	Item - Broken Gate, Pasquia Area	1964
	Item - Drain Blocked, Pasquia Area (2)	1964
	Item - Ditch, Pasquia Area	1964
	Item - Drain, Pasquia Area	1964
	Item - Field Seeded with Alfalfa Mixture,	1964
	Pasquia Area	
	Item - Ditch, Pasquia Area	1964
	Item - Field, Pasquia Area	1964
	Item - Plowed Area and Ditch, Pasquia	1964
	Area	
	Item - Plots, Pasquia Area (2)	1964
	Item - Breaking New Land, Pasquia Area	1964
	Item - Experimental Plots, Pasquia Area	1963
	(2)	
	Item - Rotovator and Disc Used to	1963
	Prepare New Land, The Pas	
	Item - Oats, The Pas (2)	1963
	Item - D. Gourlay and Native Vegetation,	1963
	Pasquia Area	
	Item - Native Vegetation on Unbroken	1963
	Land, Pasquia Area	
	Item - Raspberries	1963
	Item - Hay in Bales, Pasquia Area	1963
	Item - Rapeseed Trial Plots, Pasquia Area	1962
	Item - Potato Variety Trials, Pasquia	1962
	Area	
	Item - Field Shelterbelt, Pasquia Area (2)	1962
	Item - Hay in Saskeram Area (5)	1961
	Item - Alfalfa, Pasquia Area	1961
	Item - Fire on Half-Bog Soil, Pasquia	1960
	Area	
	Item - Pumphouse #1, Pasquia Area	1960
	Item - Fire on Half-Bog Soil, Pasquia	1960
	Area	
	Item - Control and Drain "U", Pasquia	1960
	Area	
	Item - Mr. S. Wilton with his Hybrid	1960
	Gladiolus, Pasquia Area	
	Item - Mrs. Tucker's Raspberries,	1960
	Pasquia Area	
	Item - Fertilizer Plots, Pasquia Area	1960
	Item - Oat Crop, Pasquia Area	1960
	Item - Mrs. Tucker's Raspberry Plot,	1960
	Pasquia Area	
	Item - Clover on Forage Plots, Pasquia	1960
	Area	
	Item - Cattle on Pasture, Pasquia Area	1960
	Item - Experimental Plots, Pasquia Area	1960
	Item - Cattle on Pasture, Pasquia Area	1960

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	Item - Haying on Protective Dyke, Pasquia Area	1960	
	Item - Forage Plots, Pasquia Area	1960	
	Item - Road, Ditch and Field, Pasquia	1960	
	Area (2)		
	Item - Roadside, Pasquia Area	1960	
	Item - Road and Field, Pasquia Area (3)	1960	
	Item - Flin Flon (2)	1960	
	File - Miscellaneous	1968	A1980-044,
			Box 0003PC File 0003
	Item - Project Signboard, Pasquia Area	1968	
	Item - Homestead, Pasquia Area	1968	
	Item - Farm Quarters of Non-Resident	1968	
	(Trailer), Pasquia Area		
	Item - Settlers Residence, Pasquia Area	1968	
	Item - Experimental Plots, Pasquia Area	1968	
	(6)		
	Item - Fertilizer Plots, Pasquia Area	1968	
	Item - Small Fruit Plots, Pasquia Area	1968	
	Item - Raspberries and Windbreak, Pasquia Area (2)	1968	
	Item - Windbreak of Willows, Pasquia Area	1968	
	Item - Grass and Clover Pasture, Pasquia Area (2)	1968	
	Item - Peat in Pasture Area, Pasquia Area	1968	
	Item - Piles of Baled Hay, Pasquia Area	1968	
	(2)	10.60	
	Item - Drainage Ditch, Willow, Pasquia Area	1968	
	Item - Willows Along Drain "Q", Pasquia Area (2)	1968	
	Item - Neglected Shelterbelt of Willows, Pasquia Area (2)	1968	
	Item - New Secondary Drain, Pasquia Area	1968	
	Item - Drain, Roadside Slope, Pasquia Area	1968	
	Item - Culverts and Stagnant Water, Pasquia Area	1968	
	Item - Willows Taking Possession of Slopes, Pasquia Area	1968	
	Item - Lake and Protective Dike, Pasquia Area	1968	
	Item - Native Vegetation, Willows on Peat, Pasquia Area	1968	
	Item - Sluggish Condition of Drainage Ditch, Pasquia Area	1968	
	Item - Silting of Drainage Ditch, Pasquia Area	1968	
	Item - Spoil from Cleaning Road Ditch Dumped on Road Verge, Pasquia Area	1968	
	<u> </u>		

Item - Willows, Strip of Grass Mowed on Verge of Road, Pasquia Area	1968	
Item - Scrub Vegetation on Peat, Pasquia Area	1968	
File - Miscellaneous	1960	A1980-044, Box 0003PC File 0004
Item - Mazel Creek	1960	
Item - Terrain and Stagnate	n.d.	
Item - Drier Portion of Grassed Swamp	1960	
Item - Rocks in Hazel Creek (3)	1960	
Item - Hazel Creek	n.d.	
Item - Windrow of Brush Clearing	1960	
Overburden		
Item - Cattle and Native Vegetation	1960	
Item - Hay Grown on Clearing	1960	
Item - Sadlow P.O.	1960	
Item - Church and Bell Tower, Sadlow	1960	
Item - Farmstead, Sadlow	1960	
Item - Field, Sadlow	1960	
Item - Farm, Hauling Hay-cocks to Stack, Sadlow	1960	
Item - Farmstead, Ostenfeld	1960	
Item - Spruce, Grassy Field, Ostenfeld Area	1960	
File - Miscellaneous	1952-1953	A1980-044, Box 0003PC File 0005
Item - Ravines East of Riding Mountain Forest Reserve	1953	
Item - Grey Wood Soil Riding Mountain National Park	1953	
Item - Grey Wood Soil, Riding Mountain National Park	1953	
Item - Soil, North of Gladstone	1952	
Item - Soil Mapped as Lakeland, N. of Gladstone	1952	
Item - Soil Mapped as Isafold	1952	
Item - Ravine, Riding Mountain (2)	1952	
Item - Soil Mapped as Isafold	1952	
File - Miscellaneous	1962	A1980-044, Box 0003PC File 0006
Item - Cattle Grazing, Turtle Mountain Community Pasture (3)	1962	
Item - Wheat in Stook, Turtle Mountain Community Pasture Area	1962	
Item - Brush Pile, Turtle Mountain Community Pasture Area	1962	
Item - Cattle Grazing, Turtle Mountain Forest Reserve (5)	1962	
Item - Vegetation Turtle Mountain Forest Reserve (3)	1962	

	Item - Land Cleared and Sown to Alfalfa	1962	
	Turtle Mountain Forest Reserve Area		
	Item - Spruce and Scotch Pine Turtle Mountain Forest Reserve Area	1962	
	Item - Ended Knolls Turtle Mountain	1962	
	Forest Reserve		
	Item - Farm, N. of Turtle of Mountain	1962	
	Forest Reserve (4)		
	Item - Terrain Showing Land-Use, N. of	1962	
	Turtle Mountain Reserve (2)		
	Item - Sheet and Gully Erosion	1962	
	Item - Cattle on Pasture, S. of Deloraine	1962	
	Item - Sheet and Gully Erosion S. of	1962	
	Deloraine		
	Item - Terrain N. of Turtle Mountain	1962	
	Forest Reserve		
	Item - Terrain S. of Turtle Mountain	1962	
	Forest Reserve		
	Item - Farm, Turtle Mountain Forest	1962	
	Reserve Area		
	Item - Forest Cleared and Seeded to	1962	
	Alfalfa	-	
	Item - Looking E. of Turtle Mountain	1962	
	Item - Cattle on Overgrazed Pasture, S.E. of Whitewater (2)	1962	
	Item - Farm, N. of Turtle Mountain	1962	
	File - Miscellaneous	1880s-1926	A1980-044,
			Box 0003PC
1			PHP UUU/
	Item - Weighing in Wheat at Old	188-	File 0007
	Item - Weighing in Wheat at Old Millford Grist Mill	188-	File 0007
	Millford Grist Mill	188-	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2)		File 0007
	Millford Grist Mill	1912	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots,	1912	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C.	1912 ca. 1922	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C.	1912 ca. 1922 1924	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed,	1912 ca. 1922	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C.	1912 ca. 1922 1924 1926 n.d.	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle	1912 ca. 1922 1924 1926 n.d. n.d.	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle Item - Cereal Crop Improvement and	1912 ca. 1922 1924 1926 n.d.	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle Item - Cereal Crop Improvement and Management, M.A.C.	1912 ca. 1922 1924 1926 n.d. 1916	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle Item - Cereal Crop Improvement and Management, M.A.C. Item - Experimental Field #1, M.A.C.	1912 ca. 1922 1924 1926 n.d. n.d. 1916	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle Item - Cereal Crop Improvement and Management, M.A.C. Item - Experimental Field #1, M.A.C. Item - Experimental Field #2, M.A.C.	1912 ca. 1922 1924 1926 n.d. n.d. 1916 1917 1918	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle Item - Cereal Crop Improvement and Management, M.A.C. Item - Experimental Field #1, M.A.C. Item - Experimental Field #2, M.A.C. Item - Experimental Field #8, M.A.C.	1912 ca. 1922 1924 1926 n.d. n.d. 1916 1917 1918 1920	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle Item - Cereal Crop Improvement and Management, M.A.C. Item - Experimental Field #1, M.A.C. Item - Experimental Field #2, M.A.C. Item - Experimental Field #8, M.A.C. Item - Cutting Cereal with Cradle,	1912 ca. 1922 1924 1926 n.d. n.d. 1916 1917 1918	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle Item - Cereal Crop Improvement and Management, M.A.C. Item - Experimental Field #1, M.A.C. Item - Experimental Field #2, M.A.C. Item - Experimental Field #8, M.A.C. Item - Cutting Cereal with Cradle, M.A.C.	1912 ca. 1922 1924 1926 n.d. 1916 1917 1918 1920 1916	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle Item - Cereal Crop Improvement and Management, M.A.C. Item - Experimental Field #1, M.A.C. Item - Experimental Field #2, M.A.C. Item - Experimental Field #8, M.A.C. Item - Cutting Cereal with Cradle, M.A.C. Item - Cereal Variety Plots, M.A.C.	1912 ca. 1922 1924 1926 n.d. n.d. 1916 1917 1918 1920 1916	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle Item - Cereal Crop Improvement and Management, M.A.C. Item - Experimental Field #1, M.A.C. Item - Experimental Field #2, M.A.C. Item - Experimental Field #8, M.A.C. Item - Cutting Cereal with Cradle, M.A.C. Item - Cereal Variety Plots, M.A.C. Item - Cereal Variety Plots, M.A.C.	1912 ca. 1922 1924 1926 n.d. n.d. 1916 1917 1918 1920 1916 1916 192-	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle Item - Cereal Crop Improvement and Management, M.A.C. Item - Experimental Field #1, M.A.C. Item - Experimental Field #8, M.A.C. Item - Cutting Cereal with Cradle, M.A.C. Item - Cereal Variety Plots, M.A.C. Item - Alfalfa Item - Experimental Field #1, M.A.C.	1912 ca. 1922 1924 1926 n.d. n.d. 1916 1917 1918 1920 1916 1916 192- 1921	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle Item - Cereal Crop Improvement and Management, M.A.C. Item - Experimental Field #1, M.A.C. Item - Experimental Field #8, M.A.C. Item - Cutting Cereal with Cradle, M.A.C. Item - Cereal Variety Plots, M.A.C. Item - Alfalfa Item - Experimental Field #1, M.A.C.	1912 ca. 1922 1924 1926 n.d. 1916 1917 1918 1920 1916 1916 192- 1921 192-	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle Item - Cereal Crop Improvement and Management, M.A.C. Item - Experimental Field #1, M.A.C. Item - Experimental Field #2, M.A.C. Item - Cutting Cereal with Cradle, M.A.C. Item - Cereal Variety Plots, M.A.C. Item - Alfalfa Item - Experimental Field #1, M.A.C. Item - Alfalfa Item - Experimental Field #1, M.A.C. Item - Alfalfa Item - Experimental Field #1, M.A.C.	1912 ca. 1922 1924 1926 n.d. n.d. 1916 1917 1918 1920 1916 1916 192- 1921	File 0007
	Millford Grist Mill Item - M.A.C. Special Train, (2) Item - Forage Crop Breeding Plots, M.A.C. Item - Corn Developed and Grown at M.A.C. Item - Corn Produced at M.A.C. Item - Cutting Sweet Clover for Seed, M.A.C. Item - Demonstration Farm, Birtle Item - Cereal Crop Improvement and Management, M.A.C. Item - Experimental Field #1, M.A.C. Item - Experimental Field #8, M.A.C. Item - Cutting Cereal with Cradle, M.A.C. Item - Cereal Variety Plots, M.A.C. Item - Alfalfa Item - Experimental Field #1, M.A.C.	1912 ca. 1922 1924 1926 n.d. n.d. 1916 1917 1918 1920 1916 192- 1921 192- n.d.	File 0007

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	Item - Manitoba Flint Corn	n.d.	
	Item - Varieties of Corn	n.d.	
	Item - Manitoba Flint Corn, M.A.C.	n.d.	
	Item - Dining Room, M.A.C.	1913	
	Item - Biological Museum, M.A.C.	n.d.	
	Item - Forage Crop Car, Exhibition	1924	
	Section (7)		
	Item - Plowing with Oxen at Sclater	ca. 1921	
	Item - Forage Crops Exhibit and Lecture	1924	,
	Car		
	Item - Forage Crops Breeding Plots,	1922	
	M.A.C.		
	Item - Stacking Hay on Mental Hospital	n.d.	
	Farm, Brandon		
	File - Miscellaneous	1912-1923,	A1980-044,
		1956-1959	Box 0003PC
			File 0008
	Item - Manitoba Farm Loan Inspectors'	n.d.	,
	Visit		
	Item - M.A.C. Board of Directors with	1920	
	Pres. John Bracken Inspecting Sweet		
	Clover		
	Item - M.A.C. Board of Directors with	1920	,
	Pres. John Bracken Inspecting Clover		
	Item - General View of Plots and Main	n.d.	
	Road Prior to 1919, M.A.C.		
	Item - Fallow Substitute Experiments,	n.d.	
	Field 8		
	Item - Field Husbandry Exhibit, Brandon	n.d.	
	Item - Weeds Commission Exhibit,	n.d.	
	Brandon		
	Item - Soil Division Exhibit, Brandon (2)	n.d.	
	Item - Clearing Brush with Eagle Scrub	n.d.	
	Cutter, M.A.C. (2)		
	Item - Wheat and Flax	n.d.	
	Item - Swede Turnips, M.A.C.	1923	
	Item - Alfalfa	n.d.	
	Item - Red Clover Samples	n.d.	
	Item - Meadow Fescue Samples	n.d.	
	Item - Wild Oats Samples	n.d.	
	Item - Soil Erosion in Alexander District	n.d.	
	Item - Gully, Alexander District	n.d.	
	Item - Farm, Alexander District	n.d.	
	Item - Gully, Alexander District	n.d.	
	Item - Roots and Soil	n.d.	
	Item - Taking Soil Profile Samples	n.d.	
	Item - Alfalfa, Pembina Hills	1938	
	Item - Soil Profiles	n.d.	
	Item - Morris Clay	n.d.	
	Item - Examining and Mapping Soil -	n.d.	
	Manitoba Soil Survey (3)	n.d.	
	Item - Demonstration Soil Testing in the	n.d.	-
	Field	n.u.	
	1 ICIU		

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	Item - Farm Land Inspectors on Soil	1956	
	Inspection Tour (2)		
	Item - Lecture to Manitoba Farm Land Inspectors	1959	
	Item - Cattle, Swan River Valley	n.d.	
	Item - Cattle Showing Effect of	n.d.	
	Molybdenum Poisoning		
	File - Album #1	1920, 1926, n.d.	A1980-044,
	The Mounty 1	1520, 1520, ma	Box 0004PC File 0001
	Itana Dana Dalilana Nasa Alama	1	File 0001
	Item - Farm Buildings Near Alonsa	n.d.	
	Item - Farm Buildings	n.d.	
	Item - Farmstead and Garden, with	n.d.	
	Windbreak, Manitoba		
	Item - Farmstead in Red River Valley,	n.d.	
	Manitoba		
	Item - Barn in Northwestern Manitoba, for Winter Feeding of Cattle	n.d.	
	Item - Water Lying on Field in June,	1926, n.d.	
	Pennington Co., Minnesota		
	Item - Alfalfa on McLeod Farm,	1926	,
	Pennington Co., Minnesota		
	Item - Alfalfa, with and without Sulphur,	1926	
	Minnesota		
	Item - Park Rapids Experimental Field,	n.d.	
	Minnesota, Professor McMiller and Dr.		
	Bodman		
	Item - Milles Lacs Experimental Plots,	n.d.	
	Minnesota		
	Item - Alfalfa, Marshall Co., Minnesota	1926	
	Item - Fertilizer Experiment, Balmoral	n.d.	
	Bog, Manure and Phosphate at left,		
	Muriate of Potash at right		
	Item - Fertilizer Experiment, Balmoral	n.d.	
	Bog, Acid Phosphate at left, Manure and		
	Phosphate at right		
	Item - Fertilizer Experiment, Balmoral	n.d.	
	Bog, Muriate of Potash at left, Manure at		
	right		
	Item - Brome on Balmoral Peat Bog	n.d.	
	Item - Burnt Peat on Balmoral Bog,	n.d.	
	Weed Stage at left, Brome at right	n.c.	
	Item - Balmoral Bog, Manitoba	n.d.	
	Item - Brome on Bog at Balmoral After	n.d.	
	Peat was Burned	n.u.	
		1	
	Item - Balmoral Peat Bog, Various Views	n.d.	
	Item - Thompson's Farm on Balmoral	n.d.	
	Peat Bog		
	Item - Alfalfa Growing and in Stacks,	n.d.	
	Red River Valley, Manitoba		
	Item - Nitrogen Experiment on Lawn,	n.d.	
	M.A.C.		
	Item - Corn Experiment, M.A.C. (2)	n.d.	

133 17, 16 17, 146 2		THEM S TONGS	
	Item - Scene in Red River Valley, Manitoba	n.d.	
	Item - Hemp in Stook and Plots in Fall, M.A.C.	n.d.	
	Item - Turnips on M.A.C. Fertility Field (R. Maddocks in Background)	n.d.	,
	Item - Trench Silo Between Oak Bluff and Starbuck	n.d.	
	Item - Trench Silo, Horse Used for Tramping Silage	n.d.	,
	Item - Poor Over-Grazed Pasture, Red River Valley, Manitoba	n.d.	,
	Item - Case Combine in Action	n.d.	
	1		
	Item - A Flowing Well on Thompson's Farm, Balmoral Bog	n.d.	
	Item - R. Maddock with Kovar Weed Eradicator, M.A.C.	n.d.	
	Item - Blade Weeder Being Tried Out at M.A.C.	1920	
	Item - Burning Manure Pile near Oak Lake, Manitoba	n.d.	
	Item - Pile Driving at the End of the Dock, M.A.C.	n.d.	,
	Item - Indian School, Elkhorn, Manitoba	n.d.	
	Item - Plowing on Plots, M.A.C.	n.d.	
	Item - Wm. Shafer and Wind Carved	n.d.	
	Sand - Sand Pit near Pine Ridge, Manitoba	ii.u.	
	Item - Culvert on Road, Red River Valley (Soil Survey Truck)	n.d.	
	Item - Native Vegetation, Red River Association	n.d.	
	Item - Plowing Burnt-Over Peat, Balmoral Bog	n.d.	
	Item - Plowing Morris Clay	n.d.	
	File - Album #2	1926-1927, n.d.	A1980-044, Box 0004PC File 0002
	Item - Alfalfa on Well Drained Gravelly Sudsoil, Near Thief River Falls, Minnesota	1926	
	Item - Roots of Sow Thistle, Red River Clay (2)	n.d.	
	Item - Fargo Clay Loam, Minnesota	1926	
	Item - Fort Garry Clay	n.d.	,
	Item - Tongues Developed from Cracks Entering into Profile from Above	n.d.	
	Item - Calcareous Hydromorphic Red River, or Osborne Clay	n.d.	
	Item - Ft. Garry Profile from which Samples were Taken by 3" Depths in Tongued and Normal Positions	n.d.	
	Item - Profiles - Fort Garry and Red River Association	n.d.	

Item - Fort Garry Profile, Municipality of Fort Garry, Wooded Invasion - P-PH w.	n.d.
Item - Examining Soil, Manitoba Soil Survey	n.d.
Item - Contact Between Lacustrine Clay and Deposit of Calcareous Material in the Agassiz Basin, Manitoba	n.d.
Item - St. Norbert Clay	n.d.
Item - Erosion from a Drainage Ditch North and West of St. Jean, Manitoba	n.d.
Item - Blocky Structure in Clay, Red River Association, Substratum	n.d.
Item - Gretna Clay, Alkalinized Phase	n.d.
Item - Chart - New Growth of Chemical Origin, 1st. International Congress of Soil Science, Washington, D.C. (U.S.S.R. Charts)	1927
Item - Chart - U.S.S.R. 1st. International Congress of Soil Science, Washington	1927
Item - Chart - U.S.S.R. (9)	1927
Item - Riverdale Soil Along the Banks of the Red River	n.d.
Item - Vegetation on Riverdale Soil	n.d.
Item - Osborne Clay, Vegetation and Topography	n.d.
Item - Vegetation and Topography, Osborne Clay	n.d.
Item - Osborne Clay, Land Abandoned After Flooding	1926-1927
Item - Vegetation - St. Norbert Clay	n.d.
Item - Oak Island at Lake Louise, Near Emerson, Manitoba	n.d.
Item - Ditch and Roadway, Red River Valley, Showing Silting-In of Ditch	n.d.
Item - Osborne Clay After Flooding	1926-1927
Item - Hydromorphic Area in Foreground, Crop in Background, Red River Association	n.d.
Item - Mennonite Village and Cemetary	n.d.
Item - Mennonite Farmstead North of Altona	n.d.
Item - Mennonite Home North of Altona, Blocks of Manure Drying for Fuel	n.d.
Item - Mennonite Farmstead, (new), Near Rosenfeld, Manitoba	n.d.
Item - Students Sampling Soil for Moisture Determinations, M.A.C.	n.d.
Item - Students Digging Out Roots of Alfalfa, M.A.C.	n.d.
Item - Students Examining Soil Profile, M.A.C.	n.d.
Item - International Congress of Soil Science Field Trip in Maryland (2)	1927

File - Envelop # 1	1913, 1930, 1936, n.d.	A1980-044, Box 0004PC
		File 0003
Item - Unidentified Inturdual	n.d.	
Item - Crops	n.d.	
Item - Christmas Card from Manitoba Land Inspectors Association	n.d.	
Item - Crops (2)	n.d.	
Item - Soil Drift Trapped in Russian Thistle (2)	n.d.	
Item - Recording of Observations of Soil Profile, Manitoba Soil Survey (2)	1936	
Item - Man in Field (2)	n.d.	
Item - Unidentified Rural Road (2)	n.d.	
Item - M.A.C. Exhibit - Soil Division (2)	n.d.	
Item - Unidentified Farmstead (2)	n.d.	
Item - Man in Tobacco Field (?) (2)	n.d.	
Item - Cattle (2)	n.d.	
Item - Field	n.d.	,
Item - Farm Machinery (2)	n.d.	
Item - Alfalfa Samples (2)	n.d.	
Item - Harvesting	n.d.	,
Item - River Board (2)	n.d.	,
Item - Cattle Pulling Wagon	n.d.	
Item - Field (2)	n.d.	
Item - Tillage Problem on Morris Clay	n.d.	,
(2)	n.a.	
Item - M.A.C. Buildings, Fields (2)	n.d.	
Item - Field of Corn	n.d.	,
Item - M.A.C. Buildings, Crops	n.d.	
Item - Exhibit	n.d.	
Item - Clearing Fort Garry Site	1913	
Item - M.A.C. Special Trail (2)	n.d.	
Item - Strip Framing as Seen from 4000 ft.	1930	
Item - Soil Studies	n.d.	
Item - Farmstead (2)	n.d.	
Item - Lake	n.d.	
Item - Farmstead	n.d.	
Item - Soil Studies (2)	n.d.	
Item - Farmstead (2)	n.d.	
Item - Marsh	n.d.	
Item - Farmstead	n.d.	
Item - Lake or River (2)	n.d.	
Item - Farmstead	n.d.	
Item - Lake or River (2)	n.d.	
Item - Lake or River	n.d.	
Item - Soil Studies (5)	n.d.	
Item - Soil Studies (2)	n.d.	
File - Envelop #2	1912-1913, 1930-1950	A1980-044, Box 0004PC File 0004

File - Envelop #2a	1962, n.d.	A1980-044, Box 0004PC
		File 0005
Item - Turtle Mountain Forest Reserve	September 6,	,
and Community Pas., Pictures 1-16	1962	
Item - Altona-Winkler, Land Inpsectors, Field Day, etc.	n.d.	
File - Envelope #3	n.d.	A1980-044, Box 0004PC File 0006
Item - Winnipeg/Morris Area Report of Soil Studies: Measurement, Fields, Farmsteads, etc. (48)	n.d.	
Item - River Bank	n.d.	
Item - Flood Scene	n.d.	
Item - Soil Erosion	n.d.	
Item - M.A.C.	n.d.	
File - Folder #1	1917, 1956, 1961, n.d.	A1980-044, Box 0004PC File 0007
Item - Rusted Wheat (2)	n.d.	
Item - Manitoba Farm Boy's Calf Feeding Competition (2)	n.d.	
Item - Potato Variety Trials, Pasquia Area	1956	
Item - M.A.C.	1917	
Item - Burnside School	1961	,
File - Index to Photographs	n.d.	A1980-044, Box 0005PC File 0001
File - Miscellaneous	1919, 1922, n.d.	A1980-044, Box 0005PC File 0002
Item - Wheat and Oats in Intertilled Rows, M.A.C.	n.d.	
Item - Flax and Flax Mixtures, M.A.C. (2 scenes)	n.d.	
Item - Spalding Deep Tillage Plow, M.A.C. (2 scenes)	n.d.	
Item - Cutting Alfalfa on the College Farm	n.d.	
Item - College Board Inspecting Nyon Sweet Clover	n.d.	
 Item - Sweet Clover on Acre Lots, M.A.C.	n.d.	
Item - Corn as a Nurse Crop, M.A.C.	n.d.	
 Item - Growing Turnips for Seed, M.A.C.	n.d.	
Item - Sowing Grasses and Clovers on Winter Rye, M.A.C. (3 scenes)	n.d.	
Item - Jack Stamper, Cutting Sweet Clover, M.A.C.	1922	
Item - Cutting Corn, M.A.C.	n.d.	-
Item - Spraying Potatoes, M.A.C.	n.d.	

-		
Item - Corn at M.A.C. (R. Maddocks) (2 scenes)	1919	
Item - Husking Corn, M.A.C. (4 scenes)	1919	
Item - Clover on Acre Plots, M.A.C.	n.d.	
Item - Plots on Field 2, M.A.C.	n.d.	
Item - Visitors Inspecting Plot of	n.d.	,
Manhardy Red Clover, M.A.C. (2 scenes)		
Item - Sweet Clover and Red Clover on	n.d.	
Acre Lots, M.A.C.		
Item - Cutting Sutan Grass Grown in 3'	n.d.	
Drills, M.A.C.		
Item - Timothy at MA.C.	n.d.	
File - Miscellaneous	1921, n.d.	A1980-044,
		Box 0005PC
		File 0003
Item - Agricultural Survey, 1921	1921	
Item - Alfalfa at Gilbert Plains,	1921	
Agricultural Survey, 1921 (2 views)		
Item - Dr. Bisby and H.C. Grant in Sweet	1921	
Clover Field, Agricultural Survey, 1921		
Item - Blasting Stumps, Swan River,	1921	
1921		,
Item - Looking East from Riding	1921	
Mountain, 1921 (four scenes)		
Item - Grain in Rows as Fallow	1921	
Substitute, Souris, Manitoba, 1921	1021	
Item - Shale Outcrop Near Eden,	1921	
Manitoba, Agricultural Survey, 1921	1021	
Item - Assiniboine Valley, Manitoba	1921	
Agricultural Survey, 1921 Item - Assiniboine Valley, West of	n.d.	
Roblin, n.d.	n.u.	
Item - Eastern View, Duck Mountain,	n.d.	
n.d.	n.u.	
Item - Indian School Farm at Elkhorn,	n.d.	
n.d.		
Item - Wooded Valley, N.W. of	n.d.	,
Manitoba, n.d.		
Item - Junction of Beer Creek and Shell	1921	
River, Agricultural Survey, 1921		
Item - Kelwood from Eastern Slope of	1921	,
Riding Mountain, 1921		
Item - Caterpillar Spring Tooth Tool Bar	n.d.	
Cultivator, n.d.		
Item - Caterpillar Chisel, n.d.	n.d.	
Item - Noble Blade Cultivator Vee Blade,	n.d.	
7' Wide		
 Item - Massey-Harris Trash King	n.d.	
Cultivator, Blades 10' Wide, n.d.		
File - Miscellaneous	n.d.	A1980-044,
		Box 0005PC
I De la Carta		File 0004
Item - Plowing with Oxen at Sclater,	n.d.	
Manitoba (two scenes)	-	

Item - Seeding and Cultivating	n.d.	
Item - Drag Harrow	n.d.	
Item - Cultivator	n.d.	
Item - Same Cultivator, Different View	n.d.	
(two scenes)		
Item - Clover Huller (no negative)	n.d.	
Item - Construction Dug-Out South of	n.d.	,
Carman (two scenes)		
Item - Steam Shovel at Cement Plant	n.d.	
(two scenes)		
Item - Plowing with Tractor	n.d.	
Item - Breaking with Tractor (2)	n.d.	,
Item - The Aftermath of a Fire? (three	n.d.	
scenes)		
Item - Logging with Tractor (three	n.d.	
scenes)		
File - Miscellaneous	1932-1935	A1980-044,
		Box 0005PC
		File 0005
Item - Professor Southworth	1935	
 Item - Harry Walker in Hemp Field at	n.d.	
Portage la Praire (two scenes)		
Item - Farmstead	n.d.	
Item - Farm Buildings	n.d.	
Item - Burned Manure Pile	n.d.	
Item - Pit Silo (three scenes)	n.d.	
Item - Construction Work at Seven	n.d.	
Sister's Plant (two scenes)		
Item - Hemp and Turkeys, Portage la	n.d.	
Prairie, Manitoba		
Item - Horse-Drawn School Van at Eden	n.d.	
Item - Farmers' Meeting, Peskett Farm,	1932	
Gilbert Plains, Manitoba		
Item - Cattle in Pasture	n.d.	
Item - Tomatoes at Glenboro Station,	n.d.	
Protected from Frost Damage by		
Covering of Ice (two scenes) File - Miscellaneous	1937, n.d.	A1980-044,
File - Miscenaneous	1937, II.d.	Box 0005PC
		File 0006
Item - Houses in the Valley (2)	n.d.	1110 0000
Item - Topography Between Roblin and	n.d.	
Kamsack		
Item - Assiniboine Valley West of Roblin	n.d.	
(?)		
Item - Farm of Capt.	n.d.	
Item - Scene Along Highway No. 1,	1937	
Eastern Manitoba		
File - Miscellaneous	1927-1930, n.d.	A1980-044,
		Box 0005PC
		File 0007
Item - Forest at River's Edge	n.d.	
Item - Minnesota Economic Land Survey	n.d.	
Camp		

 1		
Item - Washington's House, Mount Vernon	n.d.	
Item - Soil Experimental Field,	n.d.	
Minnesota (two scenes)		
Item - Mille Lacs, Peat Experiment, Minnesota	n.d.	
	- 1	
Item - Field Day at Mille Lacs' Peat Field (two scenes)	n.d.	
Item - Mille Lacs' Peat Experiment (2)	n.d.	
Item - Experiment Field, University of Minnesota (two scenes)	n.d.	
	-	
Item - Star Island, Cass Lake, Minn.,	n.d.	
Miscellaneous Scenes, Itaska Park, etc.		
Item - Lake (2)	n.d.	
Item - Man in Field	n.d.	
Item - Minnesota Economic Land Survey	1930	
Camp, Itaska Lake, Minnesota		
Item - Effect of Wind Storm, Minnesota	1929	
Item - Dr. Rost and Mr. McMillar,	n.d.	
Maryland Agricultural College	п.с.	
Item - Baltimore Delegates at Baltimore	n.d.	
Item - Peat Experiment at Mille Lacs,	1927	
Minnesota		
Item - Formation of Peat, Minnesota	n.d.	
Item - Pines at Itaska Park, Minnesota	n.d.	
Item - Ditch at Mille Lacs' Peat	n.d.	
Experiment Station		
Item - Waterton, Alberta	n.d.	
File - Miscellaneous	n.d.	A1980-044,
The Miscentineous		Box 0005PC
		File 0008
Item - Waterfall in Mountain Stream,	n.d.	
Rocky Mountains, Waterton Lakes (three		
scenes)		
Item - Waterton Lakes, Alberta	n.d.	
File - Miscellaneous	1927	A1980-044,
		Box 0005PC
		File 0009
Item - Block 5, Range 19, Plot 8 (four	1927	
views)		
Item - Block 4, Range 18, Plot 4 (two	1927	
views)		
Item - Block 4, Range 18, Plot 1 (two	1927	-
views)	1/21	
Item - Block 4, Range 18, Plot 8 (two	1927	
views)	1/4/	
Item - Block 4, Range 17 and 21, Plot 1	1927	
Item - Block 4, Ranges 18 and Plot 6;	1927	-
Block 3, Range 23, Plot 11		
 Item - The Cylinders in Place (seven	1927	
views)	1027	
Item - Cylinders Being Sunk Into Place	1927	
I (three views)		
(three views) Item - Cylinders Filled with Water	1927	

Item - Miscellaneous Views of Cylinders	1927	
and M.A.C. Building	1,2	
File - Miscellaneous	1932-1936,	A1980-044,
	1952, n.d.	Box 0005PC
		File 0010
Item - Messrs. Mather, Prodan, Olson	n.d.	
Item - Messrs. Prodan, Olson, Mather	n.d.	,
Item - Red Clover, East of Seddon	1952	
Corner	1052	
Item - Hadashville District - Prodan's Tobacco Experiment	1952	
Item - Fertilizer Experiment on Farm of	n.d.	
Mr. Allan, Roaring River, Manitoba (no	n.u.	
negative)		
Item - Boslak Farm, Keld, Manitoba	n.d.	
Item - Fertilizer Experiment on Farm of	n.d.	
Geo. Grant, Swan River (no negative)		
Item - Greenhouse Experiment with	n.d.	
Barley (two views)		
Item - Fertilizer Experiment on Farm of	1932	
A.A. Cotton, Harlington, Manitoba		
Item - Results of Fertilizer Experiments,	n.d.	
Roots, Straw and Grain		
Item - Roots from Square Foot of Grass	n.d.	
and Legume Sod		
Item - Fertilizer Trial, Bond Farm,	n.d.	
Teulon, Manitoba (no negative) Item - Dr. McRostie on Dandelion	1025	
Experimental Plot, M.A.C.	1935	
Item - Fertilizer Experiment, Whitemouth	1933	
Area (no negative)	1733	
Item - Volunteer Sweet Clover, Melita	1936	,
Reclamation Farm (no negative)		
Item - Reed Canary Grass, M.A.C. (no	June 1933	-1
negative)		
Item - Lawn Fertilizer Trials, M.A.C.	n.d.	
Item - Barley Experiment, Farm of Anton	n.d.	
Olson, Inwood, Manitoba (two scenes)		
File - Miscellaneous	1929-1932, n.d.	A1980-044,
		Box 0005PC
		File 0011
Item - Samples of Grain, Grandview and	n.d.	
Thunder Hill Experiments Item Greenhouse Experiments Lettuce	1932	
Item - Greenhouse Experiments, Lettuce Grown on Grandview Soil (two views)	1732	
Item - Greenhouse Experiment, Lettuce	1932, n.d.	
Grown on Thunder Bay Soil	1732, II.u.	
Item - Greenhouse Experiment, Wheat	n.d.	
Grown on Thunder Hill Soil		
Item - Greenhouse Experiment, Wheat	n.d.	
Grown on Grandview Soil		
Item - View on the Cannon Farm,	1931-1932	
Grandview, Soil from this Farm Shipped		
to M.A.C. for Greenhouse Experiment		

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	Item - Barley Continuous, M.A.C., A/P and Check (2 views)	1932
	Item - Barley M.A.C. Manure and No Manure	n.d.
	Item - Wheat After Fallow, M.A.C., A/P and Check	n.d.
	Item - Wheat After Fallow, M.A.C., A/P and Check	n.d.
	Item - Thunder Hill, Manitoba	n.d.
	Item - Experiment on Farm of Geo.	1932
	Allan, Roaring River	
	Item - Experiment on Farm of Geo. Allan, Roaring River	1932
	Item - Experiment on Farm of A.A. Cotton, Harlington, Manitoba	1932
	Item - Experiment on Farm of Mr. Banks, Thunder Hill	1932
	Item - Fertilizer Experiment with Potatoes, Bird's Hill	1931
	Item - Fertilizer Experiment with Potatoes, Bird's Hill	1931
	Item - Fertilizer Experiment with Potatoes, Bird's Hill	1931
	Item - Fertilizer Experiment with Potatoes, Bird's Hill	1931
	Item - J. Conner, Agricultural Representative, Dauphin, in Fertilizer Demonstration Field	1931
	Item - Inspecting Myer's Fertilizer Field, Grandview	1931
	Item - Grain from Myer's Fertility Field, Grandview	1931
	Item - Fertility Field, Grandview	1931
	Item - Indications of Fertilizer Requirement, Barley on Red River Clay, P-H Associate	n.d.
	Item - Field Near Little Stony Mountain, Manured from Hog Pen, Hogs had been Fed Garbage	n.d.
	Item - The Same Field Growing Sugar Beets	n.d.
	Item - Planting Sugar Beets at the Prison Farm, Headingly	n.d.
	Item - Green-House Experiment with Petunias, Morden	1930-1931
	Item - Green-House Experiment with Petunias, Morden	1930-1931
	Item - Field Day, Grandview (two views)	1931
	Item - A Junior Co-operative Fertilizer Trial	n.d.
	Item - Junior Fertilizer Trial, Sanford, Manitoba	1929

File - Miscellaneous	1935	A1980-044, Box 0006PC File 0001
Item - Hay Experiment, Arborg (5)	1935	1110 0001
File - Miscellaneous	1935-1936	A1980-044, Box 0006PC File 0002
Item - Green House Experiments on Soil from Drought Area, Six Series of Treatments	1935-1936	
Item - Series No. 1, three scenes	n.d.	
Item - Series No. 2, two scenes	n.d.	
Item - Series No. 3, two scenes	n.d.	
Item - Series No. 4, two scenes	n.d.	
Item - Series No. 5, two scenes	n.d.	
Item - Series No. 6, three scenes	n.d.	
Item - Root Development, Green-House Experiment, Soil from South-Western Manitoba (six scenes)	1935-1936	
Item - Green-House Experiment on Soil from Grandview and Thunder Hill	n.d.	
Item - Green-House Experiment	n.d.	
Item - Green-House Experiment	n.d.	
Item - Green-House Experiment	n.d.	1
Item - Green-House with Melita Soil, D.A. Brown	1935	
Item - Brandon Experimental Farm (no negative) (2)	n.d.	
File - Miscellaneous	1932-1938, 1948, n.d.	A1980-044, Box 0006PC File 0003
Item - Taking Soil Samples (3)	1948	
Item - Taking Soil Moisture Samples, M.A.C. (two scenes)	n.d.	
Item - Provincial Forestry Station, Shilo, Manitoba (five scenes)	1935	
Item - Grey Wooded Soils, Lac du Bonnet, Manitoba	n.d.	
Item - Whiteshell Reserve (two scenes), no negative (2)	n.d.	
Item - Rock Outcrop, Pine Falls, Manitoba (two scenes)	n.d.	
Item - Grey Wooded Soil Profile, Lac du Bonnet,	n.d.	
Item - Road Cut, Whitemouth, Showing Grey A2 Horizon	n.d.	
Item - Pigmatite in Granite, Seven Sisters, Manitoba	n.d.	
Item - Podzolic Soil, Seven Sisters, Manitoba	n.d.	
Item - Podzolic Soil, Riding Mountain, Manitoba	n.d.	
 Item - Native Prairie on Plateau, Riding Mountain	1932	

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Item - Riding Mountain Forest Reserve (two scenes)	1932	
Item - Riding Mountain Forest Reserve	1932	
Item - Breaking Peat Land at Marchand,	n.d.	
Manitoba (two scenes) (no negatives)	n.d.	
Item - Field	n.d.	
Item - Hedges, Indian Head,	1937	
Saskatchewan (two scenes)	1931	
Item - Cretaceous Shale, North of	n.d.	
Dauphin, East of Duck Mountains		
Item - Dykes in Granite Outcrop, Seven	n.d.	
Sisters, Manitoba		
Item - Forestry Camp, Riding Mountain	1932	
Forest Reserve		
Item - Vegetation, Clear Lake, Riding	1932	
Mountain		
File - Miscellaneous	1922, 1927, n.d.	A1980-044,
		Box 0006PC
		File 0004
Item - Man in Field (2)	n.d.	
Item - Ditch Through Peatland on Farm	n.d.	
of Alex Baird, Matlock		
Item - Square Yard Samples of Grasses	August 1927	·
from Balmoral		
Item - Two Men with Split Wood	n.d.	
Item - Man and Mule Pulled Vehicle	n.d.	
Item - Two Men in Field	n.d.	
Item - Man in Field (2)	n.d.	,
Item - Two Men in Field	n.d.	
Item - Field	n.d.	
Item - Two Men in Field	n.d.	
Item - Man in Field	n.d.	
Item - Field of Grain	n.d.	
Item - Man in Field	n.d.	
Item - Field	n.d.	,
Item - Disking Peat Land on Farm of	n.d.	
Alex Baird, Matlock		
Item - Farm of A. Baird, Matlock,	1922	
Manitoba, Seeded Down and a Good		
Catch of Grass and Clover (three scenes)		
(2)		
Item - Brome on Balmoral Peat Land	n.d.	
Item - Brom from Burnt Peat, Balmoral	1927	
File - Miscellaneous	1928-1930,	A1980-044,
	1948-1949,	Box 0006PC
	1958, n.d.	File 0005
Item - Christmas Card from MD Land	1958	
Inspectors	-	
Item - Drainage Channel Near Dominion	n.d.	
City		
Item - Birds Hill Area	n.d.	
Item - Columnal Polygonal Structures in	1948	
Red River Soil, Morris Area (3)		

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	Item - Columnal Polygonal Structures in Red River Soil, Morris Area (8)	1948	
	Item - Polygons, Lower Fort Garry	1949	
	Item - Morris Clay Near Domain,	1948	
	Manitoba	1710	
	Item - Red River Clay at Stanford	1948	1
	Item - Round Topped Columns in Morris	1948	
	Clay Near Domain	17.10	
	Item - Structure in Morris Clay	1948	
	Item - Structure Near Oak Bluff	1948	
	Item - Structure of Soil Near Oak Bluff	1948	
	Item - Structure in Red River Clay Near	1948	
	Oak Bluff		
	Item - Fort Garry Profile (three scenes)	n.d.	
	Item - Fort Garry Soil; Examining Soils	n.d.	
	to Establish Soil Type (no negative)		
	Item - Tongued Intrusions in Red River	n.d.	
	Valley Soils (three copies)		
	Item - Morris Clay (Degraded	n.d.	
	Alkalinized Associate)		
	Item - Monoliths of Soils from Red River	n.d.	
	Valley Area		
	Item - Clay Banks at St. Norbert (two	n.d.	
	scenes)		
	Item - Dolomitic Drift, Tuxedo,	n.d.	
	Assiniboine River, Manitoba		
	Item - Laminations and Foliations in	n.d.	
	Agassiz Clays (two scenes)		
	Item - Heterogeneity in Parent Material,	n.d.	
	Red River Valley (three scenes)	1000	
	Item - Osborne Clay Associate, West of	1928	
	Osborne, Manitoba	1020	
	Item - Peat North of School for Deaf,	1930	
	Tuxedo, Manitoba	1930	
	Item - La Salle River, Manitoba (three scenes)	1930	
	Item - Drainage Ditch, Red River Valley	1929	
	Item - Field	n.d.	,
	Item - Vegetation, Osborne Clay (two	1930	
	scenes)	1930	
	Item - Soil Survey	1930	
	Item - Examining Soil, Manitoba Soil	n.d.	
	Survey		
	Item - Mapping Soil, Manitoba Soil	1930	
	Survey (two scenes)	· ·	
	Item - Soil Survey, Field Equipment,	n.d.	
	R.R. Valley, Manitoba		
	Item - Homestead, Lowe Farm District	1930	
	File - Miscellaneous	1932, n.d.	A1980-044,
			Box 0006PC
			File 0006
	Item - Podzolic Gray Wooded Soil,	1932	
1	Riding Mountains (three scenes)		

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Item - Swamp Podzol, North-Western Drift	n.d.	
Item - Disappearance of Grey A2	n.d.	
Horizon in Oro-Phytomorphic Position		
Near Roblin	~	
Item - Podzolized Soil in Hydromorphic Position, N.W. Drift	n.d.	
Item - Salinized Hydromorphic	n.d.	
Associate, N.W. Drift		
Item - Northwestern Drift (two scenes)	n.d.	
Item - Hydromorphic Associate with Ring of Woods, N.W. Drift	n.d.	
Item - Topography; North-Western Drift (two scenes)	n.d.	
Item - Wood-Ringed Islands, North-	n.d.	
Western Drift	ind.	
Item - Vegetation Transition: Swale,	n.d.	
Wooded Fringe and Prair, North-Western		
Drift		
Item - North-Wetsern Drift	n.d.	_
Item - Woods in Phytohydromorphic Position, N.W. Drift	n.d.	
Item - Woodland Transition from Swale	n.d.	
to Prairie, N.W. Drift		
Item - Swale, with Ring of Young Woodland, N.W. Drift	n.d.	
File - Miscellaneous	1933-1934	A1980-044, Box 0006PC File 0007
Item - South-Western Manitoba,	1933	
Abandoned Area West of Melita (two scenes)		
Item - South-Western Manitoba	1933	
Item - South-Western Manitoba	1933	
Item - Soil Survey	1934	,
Item - Soil Investigation	1933	
Item - Bennett Buggies at Lyleton	1934	
Item - Fall Rye, East of Lyleton (three scenes)	1933	
Item - Corn Stubble, Pierson Area	1933	
Item - Soil Investigation	n.d.	
Item - Soil Investigation	n.d.	
Item - Harvesting Corn Grown on	1934	
Whitewater Clay		
Item - Whitewater Lake Bed, Near	1934	
Montgomery Farm, Deloraine, Manitoba (two scenes)		
Item - Salinized Soil: Root Rot	1934	
1 Julia Summer Son. Root Rot	2,01	
Experimental Field, Whitewater Clav.		
Experimental Field, Whitewater Clay, Deloraine		
	1933	
Deloraine Item - Windbreak, Lyleton District (two scenes)		
Deloraine Item - Windbreak, Lyleton District (two	1933 1933	

Item - Three Scenes East of Lyleton,	1934	
Showing Drifting Soil (no negatives) (3)		
File - Miscellaneous	1934-1936	A1980-044, Box 0006PC File 0008
Item - Farmstead	n.d.	1 110 0000
Item - Lime Stone and Drift, Little Stony	n.d.	-
Mountain (4 scenes)		
Item - Balmoral Complex, Wooded	n.d.	
Item - Rock Outcrop and Vegetation, South of Hodgson	1934	
Item - Rock Outcrop, Fisher River (two scenes)	1934	
Item - Junction Between Drift and Lacustrine Sediments, Pleasant Home District (two scenes)	1934	
Item - Sandy Podzol Adjacent to Fisher River	1934	
Item - Plum Ridge Association, Sandy Podzol (three scenes)	1934	
Item - Degraded Rendzina, Fairford District	1934	
Item - Recently Dried Lake Bed, Shores of North and East Shoal Lake, Armstrong, Manitoba	n.d.	
Item - Shore of Lake Manitoba, St. Laurent, Manitoba (two scenes)	1934	
Item - Wave Sorting on Shore of Lake Manitoba (three scenes)	1934	
Item - Soil on Gravel Beach, Showing Leaching on Limestone Gravel and Sand	1934	
Item - Boulder Strewn Slopes and Rocky Shelves, Interspersed with Swales, Fisher Branch Area (three scenes)	1934	
Item - Stunted Oak Tree Growing on Three Feet of Soil Over Limestone Rock, Lily Bay District	1934	
Item - Pillard Columnar Structure on Freshly Plowed Field, Moweena, District	1934	
Item - Steep Rock Limestone Cliffs	1934	
Item - Dam on Fairford River	1934	
Item - Fertilizer Experiment, Bond Farm, Teulon (three scenes)	n.d.	
Item - Phyto-Hydromorphic Teulon Association, East of Teulon	193?	
Item - Peat on Clay, 1 Mile South of Arborg	1934	
Item - Dolomitic Limestone Outcrop, Between Arborg and Fisher Branch	1934	1
Item - Phyto-Hydromorphic, Arborg Associate (Alkalinized), 1.3 Miles North of Creamery	n.d.	

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Item - Phyto-Hydromorphic, Arborg	n.d.	
Associate (Alkalinized), 1.3 Miles North		
of Creamery		
Item - Arborg Association (Wooded)	n.d.	
(two scenes)		
Item - Arborg Hydromorphic Associate	1934	
(Adjacent to Peat) (two scenes)		
Item - Phyto-Hydromorphic Lundar	1934	
Association (West of Hove)		
Item - Topography and Vegetation,	1934	
Lundar Area, Between Oak Point and		
Clarkleigh (two scenes)		
Item - Red Clover and Meadow Fescue,	1934	
Veigfusson Farm, Arborg (three scenes)	1931	
Item - Lundar Association, Salinized	1934	
Phase	1934	
1	1024	
Item - Phytomorphic Lundar Association	1934	
Grassland (two scenes)	1001	
Item - Phytomorphic Lundar Profile	1934	
(Near Hove) (two scenes)		
Item - Hydromorphic Lundar	1934	
Association, Between Clarkleigh and		
Oak Point		
Item - Saline Soil, Lundar Association	n.d.	
Item - Cattle Grazing on Lundar	1934	,
Association Soils (5 scenes)		
Item - Bouldery Phase, Komarno	n.d.	
Association (four scenes)		
Item - Cattle in Fisher Branch District	1934	
(two scenes)		
Item - Picking Stones, Komarno Soil	n.d.	,
(three scenes)	ma.	
Item - Phytomorphic Komarno	n.d.	
Association	n.u.	
Item - Rock Approaching Surface,	1934	
Komarno Association	1734	
ļ		
Item - Farmstead Between Inwood and	n.d.	
Teulon, Komarno Soil Association (two		
scenes)	1005	
Item - Result of Fertilizer Trials with	1936	
Barley, Anton Olson, Inwood, Manitoba		
File - Miscellaneous	1939	A1980-044,
		Box 0007PC
		File 0001
Item - Field Corn on the Farm of Peter	1939	
Borg, Armstrong Municipality (two		
scenes)		
 Item - Millet on Farm of Anton Olson,	1939	
Armstrong, Manitoba		
Item - Baking Beans, Olson's Farm,	1939	,
Inwood		
Item - Soybeans and Mr. Olson	n.d.	
Item - Onion and Garden, Chas. Page,	1939	·
S.E. 1/4 18-19-1W		
1		

Item - Flower Garden, N. 8-19-1 1939 Item - Garden and Cabbage, N. 8-19-1 1939 Item - Rock Outcrop and Vegetation, E. 1939 3-19-1W 10m - Team of Oxen, Armstrong 1939 Municipality 10m - Long Draw-Like Area, Peat Soil 4 1939 Item - Long Draw-Like Area, Peat Soil 4 1939 Item - Long Draw-Like Area, Peat Soil 4 1939 Item - Stones on Natural Pusture, F. 1939 13-20-LW Item - Rock Outcrop, N. Centre of 1939 13-20-LW Item - Rock Outcrop, N. Centre of 1939 14-20-LW Item - Rock Outcrop, S.E. Cor, 16-19- 1939 15-20-LW Item - Stone Pile, W. 16-18-1W 1939 16-20-20-20-20-20-20-20-20-20-20-20-20-20-	,	1		
Item - Rock Outcrop and Vegetation, E. 1939		•		
September Sept		Item - Garden and Cabbage, N. 8-19-1	1939	
Municipality Item - Long Draw-Like Area, Peat Soil 4 1939 II. in Depth, Armstrong Item - Stones on Natural Pasture, E. 1939 II. in Depth, Armstrong Item - Stone Pavement, N. 8-19-1W 1939 Item - Rock Outcrop, N. Centre of 1939 36-18-1W Item - Rock Outcrop, N. Centre of 1939 Jabe - November 1939 Item - Rock Outcrop, S.E. Cor, 16-19 1939 Item - Stone Pile, W. 16-18-1W 1939 Item - Gravel Pil, Showing Stratification, 1939 N.E. 1/4, 33-20-1 Item - Gravel Pil, Showing Stee, N.E. 1/4 1939 33-20-1 Item - Gravel Pil, Showing Stee, N.E. 1/4 1939 33-20-1 Item - Rock Outcrop and Vegetation, 1939 Item - Stoney Field and Cattle, E. 1939 28-17-1W Item - Poplared Komamo Soil, E. 1939 36-19-1W Item - Typical Komamo Soil, E. 1939 36-19-1W Item - Typical Komamo Soil, E. 1039 16-19-1 Item - Rock Outcrop and Vegetation, 16-19-1 Item - Rock Outcrop and Vegetation, 16-19-1 Item - Stunted Vegetation and Rock 16-19-1 Item - Stunted Vegetation and Rock 1933-1936 A1980-044, Box 0007PC Item - Field Windbreaks, Denbow (three 1935 Seconds) Item - Field Windbreaks, Denbow (three 1935 Seconds) Item - Field Windbreaks, Denbow (three 1935 Seconds) Item - South-Fast of Filva 1935 Item - Dunes Covering Up Trees, Awemen Item - Drifting Dunes, Awemen (two 1935 Item - Dunes Covering Up Trees, Awemen Item - Feath (two scenes) Item - Searth (two scenes) Item - Seart		1	1939	
Item - Long Draw-Like Area, Peat Soil 4 1939			1939	
Item - Stones on Natural Pasture, E. 1939 13-20-LW Item - Stone Pavement, N. 8-19-1W 1939 Item - Rock Outcrop, N. Centre of 1939 36-18-1W Item - Rock Outcrop, S.E. Cor, 16-19- 1939 Item - Stone Pile, W. 16-18-1W 1939 Item - Gravel Pit, Showing Stratification, N.E. 1/4, 33-20-1 Item - Gravel Pit, Showing Streatification, 1939 N.E. 1/4, 33-20-1 Item - Rock Outcrop and Vegetation, 1939 16-19-1W		Item - Long Draw-Like Area, Peat Soil 4	1939	
Item - Stone Pavement, N. 8-19-1W 1939 Item - Rock Outcrop, N. Centre of 1939 36-18-1W Item - Rock Outcrop, S.E. Cor, 16-19- 1939 LW Item - Stone Pile, W. 16-18-1W 1939 Item - Stone Pile, W. 16-18-1W 1939 Item - Gravel Pit, Showing Stratification, N.E. 1/4, 33-20-1 Item - Gravel Pit, Showing Size, N.E. 1/4 1939 33-20-1 Item - Rock Outcrop and Vegetation, 1939 16-19-1W Item - Rock Fence, 36-17-1W 1939 18em - Stoney Field and Cattle, E. 1939 28-17-1W Item - Poplared Komarno Soil, E. 1939 36-19-1W 18em - Poplared Komarno Soil, E. 1939 36-19-1W 18em - Stoney Field and Cattle, E. 1939 36-19-1W 18em - Stunted Vegetation, n.d. 16-19-1 18em - Stunted Vegetation and Rock n.d. 02-19-1W 28-19-1W 2		Item - Stones on Natural Pasture, E.	1939	
Item - Rock Outcrop, N. Centre of 36-18-1W Item - Rock Outcrop, S.E. Cor, 16-19- 1939 LW Item - Stone Pile, W. 16-18-1W Item - Gravel Pit, Showing Stratification, 1939 Item - Gravel Pit, Showing Stratification, 1939 N.E. 1/4, 33-20-1 Item - Gravel Pit, Showing Size, N.E. 1/4 139		1	1939	
Item - Rock Outcrop, S.E. Cor, 16-19-		Item - Rock Outcrop, N. Centre of		
Item - Stone Pile, W. 16-18-1W 1939 Item - Gravel Pit, Showing Stratification, N.E. 1/4, 33-20-1 Item - Gravel Pit, Showing Size, N.E. 1/4 1939 33-20-1 Item - Rock Outcrop and Vegetation, 1939 16-19-1W 1939 Item - Rock Fence, 36-17-1W 1939 Item - Stoney Field and Cattle, E. 1939 28-17-1W 1939 Item - Poplared Komarno Soil, E. 1939 36-19-1W 1939 Item - Poplared Komarno Soil, E. 1939 36-19-1W 1939 Item - Rock Outcrop and Vegetation, n.d. 16-19-1 Item - Rock Outcrop and Vegetation, n.d. 16-19-1 Item - Stunted Vegetation and Rock		Item - Rock Outcrop, S.E. Cor, 16-19-	1939	
Item - Gravel Pit, Showing Stratification, N.E. 1/4, 33-20-1 Item - Gravel Pit, Showing Size, N.E. 1/4 1939 33-20-1 Item - Rock Outcrop and Vegetation, 1939 16-19-1W Item - Stoney Field and Cattle, E. 1939 28-17-1W Item - Poplared Komarno Soil, E. 1939 36-19-1W Item - Typical Komarno Soil, E. 1939 36-19-1W Item - Rock Outcrop and Vegetation, 16-19-1 Item - Stunted Vegetation and Rock Outcrop, 3-19-1W (2 scenes) File - Miscellaneous		1	1939	
Item - Gravel Pit, Showing Size, N.E. 1/4 1939 33-20-1 Item - Rock Outcrop and Vegetation, 1939 16-19-1W 1 1939 Item - Rock Fence, 36-17-1W 1939 1 1 1 1 1 1 1 1 1		Item - Gravel Pit, Showing Stratification,		
16-19-1W Item - Rock Fence, 36-17-1W 1939 Item - Stoney Field and Cattle, E. 1939 28-17-1W Item - Poplared Komarno Soil, E. 1939 36-19-1W Item - Typical Komarno Soil, E. 1939 36-19-1W Item - Typical Komarno Soil, E. 19.4 10-19-10 Item - Rock Outcrop and Vegetation, 10-19-1 10-19-11 Item - Stunted Vegetation and Rock 1933-1936 1935		Item - Gravel Pit, Showing Size, N.E. 1/4	1939	
Item - Stoney Field and Cattle, E. 1939 28-17-1W Item - Poplared Komarno Soil, E. 1939 36-19-1W Item - Typical Komarno Soil, E. n.d. 22-19-1W Item - Rock Outcrop and Vegetation, n.d. 16-19-1 Item - Stunted Vegetation and Rock n.d. Outcrop, 3-19-1W (2 scenes) File - Miscellaneous 1933-1936 A1980-044, Box 0007PC File 0002 Item - Field Windbreaks, Denbow (three 1935 scenes) Item - Field Windbreaks, Denbow (three 1935 scenes) Item - Blow-Out, Melita Area, Seimen's 1935 Farm, Pierson Irem - Wind-Break on Souris Soil 1935 Association, Denbow Item - South-East of Elva 1935 Item - Sand Dunes Encroaching on 1935 Swamp, Aweme, Manitoba Item - Sand Dunes and Sand Eroded from 1935 Trees, Awemen Item - Drifting Dunes, Awemen (two 1935 scenes) Item - Dunes Covering Up Trees, 1935 Awemen Item - Dunes Covering Up Trees, 1935 Awemen Item - Dunes Covering Up Trees, 1935 Item - Dunes Covering Up Trees, 1935 Awemen Item - Elva District 1933 Item - Elva District 1933 Item - Scarth (two scenes), Professor 1936 Item - Scarth			1939	
18		Item - Rock Fence, 36-17-1W	1939	,
36-19-1W Item - Typical Komarno Soil, E. n.d. 22-19-1W Item - Rock Outcrop and Vegetation, n.d. 16-19-1 Item - Stunted Vegetation and Rock Outcrop, 3-19-1W (2 scenes) 1933-1936 A1980-044, Box 0007PC File 0002 Item - Field Windbreaks, Denbow (three 1935 scenes) Item - Blow-Out, Melita Area, Seimen's 1935 Farm, Pierson Item - Wind-Break on Souris Soil 1935 Association, Denbow Item - South-East of Elva 1935 Item - Sand Dunes Encroaching on 1935 Swamp, Aweme, Manitoba Item - Sand Dunes and Sand Eroded from 1935 Trees, Awemen Item - Drifting Dunes, Awemen (two 1935 Scenes) Item - Dunes Covering Up Trees, 1935 Awemen Item - Dunes Covering Up Trees, 1935 Awemen Item - Elva District 1933 Item - Scarth (two scenes), Professor 1936 Item - Ite			1939	
122-19-1W Item - Rock Outcrop and Vegetation, 16-19-1 Item - Stunted Vegetation and Rock Outcrop, 3-19-1W (2 scenes) File - Miscellaneous 1933-1936 A1980-044, Box 0007PC File 0002 Item - Field Windbreaks, Denbow (three 1935 scenes) Item - Blow-Out, Melita Area, Seimen's 1935 Farm, Pierson Item - Wind-Break on Souris Soil Association, Denbow Item - South-East of Elva 1935 Item - Sand Dunes Encroaching on 1935 Swamp, Aweme, Manitoba Item - Sand Dunes and Sand Eroded from 1935 Item - Sand Dunes and Sand Eroded from 1935 Item - Drifting Dunes, Awemen (two 1935 Scenes) Item - Drifting Dunes, Awemen (two 1935 Scenes) Item - Dunes Covering Up Trees, 1935 Awemen Item - Elva District 1933 Item - Elva District 1933 Item - Elva District 1933 Item - Scarth (two scenes), Professor 1936			1939	
Item - Stunted Vegetation and Rock Outcrop, 3-19-1W (2 scenes)			n.d.	
Outcrop, 3-19-1W (2 scenes) File - Miscellaneous File - Miscellaneous 1933-1936 A1980-044, Box 0007PC File 0002 Item - Field Windbreaks, Denbow (three scenes) Item - Blow-Out, Melita Area, Seimen's Farm, Pierson Item - Wind-Break on Souris Soil Association, Denbow Item - South-East of Elva 1935 Item - Sand Dunes Encroaching on 1935 Swamp, Aweme, Manitoba Item - Sand Dunes and Sand Eroded from 1935 Trees, Awemen Item - Drifting Dunes, Awemen (two 1935 scenes) Item - Dunes Covering Up Trees, 1935 Awemen Item - Elva District 1933 Item - Scarth (two scenes), Professor 1936			n.d.	
File - Miscellaneous 1933-1936 A1980-044, Box 0007PC File 0002 Item - Field Windbreaks, Denbow (three scenes) Item - Blow-Out, Melita Area, Seimen's Farm, Pierson Item - Wind-Break on Souris Soil Item - South-East of Elva Item - Sand Dunes Encroaching on Swamp, Aweme, Manitoba Item - Sand Dunes and Sand Eroded from Item - Drifting Dunes, Awemen (two scenes) Item - Dunes Covering Up Trees, Awemen Item - Elva District Item - Scarth (two scenes), Professor 1935 A1980-044, Box 0007PC File 0002 A1980-044, Box 0007PC File 0002 I 935 Item - Wind-Break on Souris Soil I 935 Alpso 1935 A1980-044, Box 0007PC File 0002 I 935 Item - Scarth (two scenes), Professor I 936			n.d.	
scenes) Item - Blow-Out, Melita Area, Seimen's 1935 Farm, Pierson Item - Wind-Break on Souris Soil 1935 Association, Denbow Item - South-East of Elva 1935 Item - Sand Dunes Encroaching on 1935 Swamp, Aweme, Manitoba Item - Sand Dunes and Sand Eroded from 1935 Trees, Awemen Item - Drifting Dunes, Awemen (two 1935 scenes) Item - Dunes Covering Up Trees, 1935 Awemen Item - Elva District 1933 Item - Scarth (two scenes), Professor 1936			1933-1936	Box 0007PC
Item - Blow-Out, Melita Area, Seimen's Farm, Pierson Item - Wind-Break on Souris Soil 1935 Association, Denbow Item - South-East of Elva 1935 Item - Sand Dunes Encroaching on 1935 Swamp, Aweme, Manitoba Item - Sand Dunes and Sand Eroded from 1935 Trees, Awemen Item - Drifting Dunes, Awemen (two 1935 scenes) Item - Dunes Covering Up Trees, 1935 Awemen Item - Elva District 1933 Item - Scarth (two scenes), Professor 1936		· · · · · · · · · · · · · · · · · · ·	1935	
Association, Denbow Item - South-East of Elva 1935 Item - Sand Dunes Encroaching on 1935 Swamp, Aweme, Manitoba Item - Sand Dunes and Sand Eroded from 1935 Trees, Awemen Item - Drifting Dunes, Awemen (two 1935 scenes) Item - Dunes Covering Up Trees, 1935 Awemen Item - Elva District 1933 Item - Scarth (two scenes), Professor 1936		Item - Blow-Out, Melita Area, Seimen's	1935	
Item - South-East of Elva 1935 Item - Sand Dunes Encroaching on 1935 Swamp, Aweme, Manitoba Item - Sand Dunes and Sand Eroded from 1935 Trees, Awemen Item - Drifting Dunes, Awemen (two 1935 scenes) Item - Dunes Covering Up Trees, 1935 Awemen Item - Elva District 1933 Item - Scarth (two scenes), Professor 1936			1935	
Swamp, Aweme, Manitoba Item - Sand Dunes and Sand Eroded from 1935 Trees, Awemen Item - Drifting Dunes, Awemen (two 1935 scenes) Item - Dunes Covering Up Trees, 1935 Awemen Item - Elva District 1933 Item - Scarth (two scenes), Professor 1936		I .	1935	,
Item - Sand Dunes and Sand Eroded from Trees, Awemen Item - Drifting Dunes, Awemen (two scenes) Item - Dunes Covering Up Trees, Awemen Item - Elva District 1933 Item - Scarth (two scenes), Professor 1936			1935	
Item - Drifting Dunes, Awemen (two scenes) Item - Dunes Covering Up Trees, 1935 Awemen Item - Elva District 1933 Item - Scarth (two scenes), Professor 1936		Item - Sand Dunes and Sand Eroded from	1935	
Item - Dunes Covering Up Trees, Awemen Item - Elva District 1933 Item - Scarth (two scenes), Professor 1936		Item - Drifting Dunes, Awemen (two	1935	
Item - Elva District1933Item - Scarth (two scenes), Professor1936		Item - Dunes Covering Up Trees,	1935	
Item - Scarth (two scenes), Professor 1936		1	1933	
			1936	

Item - Sand Dunes, Lauder 1935 Item - Andropogon on Sand Dunes North of Glenboro Item - Soil Drifting, Melita (two scenes) 1935 Item - Soil Drifting, Seiman's Farm, 1934 Pierson Item - Soil Drifting, Seiman's Farm, 1934 Pierson (two scenes) (2) Item - Trash Over on Fallow, Morlach Reclamation Farm (three scenes) Item - Soil Drifting, Between Cadillac July 1935 and Ponteix, Saskatchewan (4) File - Miscellaneous 1935, n.d. Item - Soil Survey 1935 Item - Grey Wooded Soil, Turtle 1935 Mountain Item - Soil Survey, Topography Waskada 1935 Association Item - Soil Drifting East of Melita n.d.	A1980-044, Box 0007PC File 0003
of Glenboro Item - Soil Drifting, Melita (two scenes) 1935 Item - Soil Drifting, Seiman's Farm, 1934 Pierson Item - Soil Drifting, Seiman's Farm, 1934 Pierson (two scenes) (2) Item - Trash Over on Fallow, Morlach 1936 Reclamation Farm (three scenes) Item - Soil Drifting, Between Cadillac July 1935 and Ponteix, Saskatchewan (4) File - Miscellaneous 1935, n.d. Item - Soil Survey 1935 Item - Grey Wooded Soil, Turtle 1935 Mountain Item - Soil Survey, Topography Waskada 1935 Association	Box 0007PC
Item - Soil Drifting, Melita (two scenes) Item - Soil Drifting, Seiman's Farm, Pierson Item - Soil Drifting, Seiman's Farm, Pierson (two scenes) (2) Item - Trash Over on Fallow, Morlach Reclamation Farm (three scenes) Item - Soil Drifting, Between Cadillac and Ponteix, Saskatchewan (4) File - Miscellaneous Item - Soil Survey Item - Grey Wooded Soil, Turtle Mountain Item - Soil Survey, Topography Waskada Association 1935 Item - Soil Survey, Topography Waskada Association	Box 0007PC
Item - Soil Drifting, Seiman's Farm, Pierson Item - Soil Drifting, Seiman's Farm, Pierson (two scenes) (2) Item - Trash Over on Fallow, Morlach Reclamation Farm (three scenes) Item - Soil Drifting, Between Cadillac and Ponteix, Saskatchewan (4) File - Miscellaneous Item - Soil Survey 1935 Item - Grey Wooded Soil, Turtle Mountain Item - Soil Survey, Topography Waskada Association	Box 0007PC
Pierson Item - Soil Drifting, Seiman's Farm, Pierson (two scenes) (2) Item - Trash Over on Fallow, Morlach Reclamation Farm (three scenes) Item - Soil Drifting, Between Cadillac and Ponteix, Saskatchewan (4) File - Miscellaneous Item - Soil Survey 1935 Item - Grey Wooded Soil, Turtle Mountain Item - Soil Survey, Topography Waskada Association 1935 Item - Soil Survey, Topography Waskada	Box 0007PC
Pierson (two scenes) (2) Item - Trash Over on Fallow, Morlach Reclamation Farm (three scenes) Item - Soil Drifting, Between Cadillac and Ponteix, Saskatchewan (4) File - Miscellaneous Item - Soil Survey 1935 Item - Grey Wooded Soil, Turtle Mountain Item - Soil Survey, Topography Waskada Association Pierson (two scenes) 1936 1935 1935 1935 1935	Box 0007PC
Item - Trash Over on Fallow, Morlach Reclamation Farm (three scenes) Item - Soil Drifting, Between Cadillac and Ponteix, Saskatchewan (4) File - Miscellaneous Item - Soil Survey Item - Grey Wooded Soil, Turtle Mountain Item - Soil Survey, Topography Waskada Association 1936 1936 1935 1935 1935 1935 1935	Box 0007PC
Reclamation Farm (three scenes) Item - Soil Drifting, Between Cadillac and Ponteix, Saskatchewan (4) File - Miscellaneous Item - Soil Survey Item - Grey Wooded Soil, Turtle Mountain Item - Soil Survey, Topography Waskada Association Association Association	Box 0007PC
and Ponteix, Saskatchewan (4) File - Miscellaneous 1935, n.d. Item - Soil Survey 1935 Item - Grey Wooded Soil, Turtle Mountain Item - Soil Survey, Topography Waskada Association 1935 Association	Box 0007PC
File - Miscellaneous 1935, n.d. Item - Soil Survey 1935 Item - Grey Wooded Soil, Turtle 1935 Mountain Item - Soil Survey, Topography Waskada 1935 Association	Box 0007PC
Item - Soil Survey 1935 Item - Grey Wooded Soil, Turtle 1935 Mountain Item - Soil Survey, Topography Waskada 1935 Association	Box 0007PC
Item - Grey Wooded Soil, Turtle 1935 Mountain Item - Soil Survey, Topography Waskada 1935 Association	
Item - Grey Wooded Soil, Turtle 1935 Mountain Item - Soil Survey, Topography Waskada 1935 Association	File 0003
Item - Grey Wooded Soil, Turtle 1935 Mountain Item - Soil Survey, Topography Waskada 1935 Association	
Mountain Item - Soil Survey, Topography Waskada 1935 Association	
Item - Soil Survey, Topography Waskada 1935 Association	
Association	
Item - Sand Drift West of Melita 1935	
Item - Oxbow Association (2) 1935	
File - Souris (?), no negative n.d.	
Item - Level Phase, Waskada Association n.d.	
(two scenes)	
Item - Trees on Farmstead Near Elva 1935	
Item - Blow-Out Near Tilston 1935	
Item - Poplar Volunteering on Blow Out, n.d.	
N.W. 31-2-27	
Item - Soil Erosion Near Tilston (two 1935	
scenes)	
Item - Fertilizer Experiment, Brandon 1935	
Experimental Farm (two scenes)	
File - Unnamed Soil Profiles (two views) n.d.	
(2)	
Item - Three Unnamed Scenes (fields) (3) n.d.	
Item - Three Views of Soil Drifting (3) n.d.	
Item - Four Views of Soil Drifting Near n.d.	
Lyleton (Duplicates) (8)	
Item - East of Lyleton (three views) (3) 1935	
Item - Waskada Profile, no negative n.d.	
Item - Bede Profile, no negative n.d.	
File - Miscellaneous 1936, n.d.	A1980-044, Box 0007PC File 0004
Item - Tree and Shrub Roots Growing on n.d. Rotten Shale, Wooden Binney Associate	
Item - Binney Phytomorphic Associate n.d. (no negative)	
Item - Marringhurst Profile South of n.d. Rock Lake	,

	Item - Alfalfa Seeding on Grey Wooded	n.d.	
	Soil Pembina Association, Near		
	Deerwood	_	
	Item - Topography, Bruxelles District	n.d.	
	Item - Topography, South of Bruxelles	n.d.	
	Item - Morainic Topography Between	n.d.	
	Notre Dames de Lourdes and Bruxelles,		
	Manitoba (three scenes)		
	Item - Farmstead Near Miami (five	1936	
	scenes)		
	Item - Topography South of Pembina	n.d.	
	Hills, North of Somerset		
	Item - Fertilizer Experiment, Morden	June 1936	
	Experimental Farm (two scenes)		
	Item - Drift on Glacial Fluvial Deposits,	1936	
	St. Alphonse		
	Item - Distortion of Outwash by Ice, St.	n.d.	
	Alphonse		
	Item - Distortion of Outwash by Ice, St.	n.d.	
	Alphonse		
	Item - Black-Earth on Sandy Lacustrine	n.d.	
	Sediments, Clearwater (two scenes)		
	Item - Mortlach Reclamation Area	June 24, 1936	
	Item - Strip Farming, Mortlach	June 24, 1936	
	Reclamation Area		
	Item - Podzols, Nova Scotia (five scenes)	1936	
	File - Miscellaneous	1937, n.d.	A1980-044,
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	The - Wiscendieous	1937, n.u.	· ·
	The - Miscenaneous	1937, ii.d.	Box 0007PC
			· ·
	Item - Benton Shale South-West of Morden	1937, i.i.d.	Box 0007PC
	Item - Benton Shale South-West of Morden	1937	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of		Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views)	1937 1937	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden	1937 1937	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association	1937 1937	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston	1937 1937 1937 1937	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of	1937 1937	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam	1937 1937 1937 1937	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on	1937 1937 1937 1937	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two	1937 1937 1937 1937	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two scenes)	1937 1937 1937 1937 n.d.	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two scenes) Item - Scene on Waskada Soils, Dust	1937 1937 1937 1937	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two scenes) Item - Scene on Waskada Soils, Dust Storm and Trees Killed by Drought	1937 1937 1937 1937 n.d.	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two scenes) Item - Scene on Waskada Soils, Dust Storm and Trees Killed by Drought Item - Gully Erosion on Waskada Rolling	1937 1937 1937 1937 n.d.	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two scenes) Item - Scene on Waskada Soils, Dust Storm and Trees Killed by Drought Item - Gully Erosion on Waskada Rolling Phase (9-2-23)	1937 1937 1937 1937 n.d.	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two scenes) Item - Scene on Waskada Soils, Dust Storm and Trees Killed by Drought Item - Gully Erosion on Waskada Rolling Phase (9-2-23) Item - Waskada Undulation Phase (two	1937 1937 1937 1937 n.d.	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two scenes) Item - Scene on Waskada Soils, Dust Storm and Trees Killed by Drought Item - Gully Erosion on Waskada Rolling Phase (9-2-23) Item - Waskada Undulation Phase (two scenes)	1937 1937 1937 1937 n.d. 1937 n.d.	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two scenes) Item - Scene on Waskada Soils, Dust Storm and Trees Killed by Drought Item - Gully Erosion on Waskada Rolling Phase (9-2-23) Item - Waskada Undulation Phase (two scenes) Item - Waskada Soil Association (three	1937 1937 1937 1937 n.d.	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two scenes) Item - Scene on Waskada Soils, Dust Storm and Trees Killed by Drought Item - Gully Erosion on Waskada Rolling Phase (9-2-23) Item - Waskada Undulation Phase (two scenes) Item - Waskada Soil Association (three scenes)	1937 1937 1937 1937 n.d. 1937 n.d.	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two scenes) Item - Scene on Waskada Soils, Dust Storm and Trees Killed by Drought Item - Gully Erosion on Waskada Rolling Phase (9-2-23) Item - Waskada Undulation Phase (two scenes) Item - Waskada Soil Association (three scenes) Item - Waskada Clay Loam Showing	1937 1937 1937 1937 n.d. 1937 n.d.	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two scenes) Item - Scene on Waskada Soils, Dust Storm and Trees Killed by Drought Item - Gully Erosion on Waskada Rolling Phase (9-2-23) Item - Waskada Undulation Phase (two scenes) Item - Waskada Soil Association (three scenes) Item - Waskada Clay Loam Showing Columnar B Horizon	1937 1937 1937 1937 n.d. 1937 n.d. 1937 n.d.	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two scenes) Item - Scene on Waskada Soils, Dust Storm and Trees Killed by Drought Item - Gully Erosion on Waskada Rolling Phase (9-2-23) Item - Waskada Undulation Phase (two scenes) Item - Waskada Soil Association (three scenes) Item - Waskada Clay Loam Showing Columnar B Horizon Item - Carroll Association Showing	1937 1937 1937 1937 n.d. 1937 n.d.	Box 0007PC
	Item - Benton Shale South-West of Morden Item - Benton Shale South-West of Morden (two views) Item - Shale Outcrop East of Morden Item - Typical Oxbow Association Profile Near Tilston Item - Shallow or Carbonated Phase of Oxbow Clay Loam Item - Trees Killed by Drought on Oxbow Clay Loam, Near Tilston (two scenes) Item - Scene on Waskada Soils, Dust Storm and Trees Killed by Drought Item - Gully Erosion on Waskada Rolling Phase (9-2-23) Item - Waskada Undulation Phase (two scenes) Item - Waskada Soil Association (three scenes) Item - Waskada Clay Loam Showing Columnar B Horizon	1937 1937 1937 1937 n.d. 1937 n.d. 1937 n.d.	Box 0007PC

	Item - Phytomorphic Carroll Association, North of Carroll	1937	
	Item - Souris Association, Showing Dust	n.d.	
	Deposit on Surface (three scenes)	II.U.	
	Item - Oats and Millet and Corn and	n.d.	,
	Millet on Souris Sandy Loam, South of		
	Melita (two scenes)		
	Item - Blow Out and Russian Thistles,	n.d.	
	N.E. 25-5-28, Souris Association		
	Item - Giant Ragweed, Sweet Clover and	1937	
	Spider Flower on Road Allowance, N.E.		
	35-2-28		
	Item - Dust Storm, Melita Area (two	n.d.	·
	scenes)		
	Item - Intertilling Corn at Thornhill	1937	
	Item - Corn in Drill Widths, Thornhill	n.d.	
	Item - Intertilled Corn, Lyleton (two	1937	,
	scenes)		
	Item - Arrow Hills Moraine, Arrow River	1937	
	(two scenes)		
	Item - Dam on the Souris River at Souris,	n.d.	
	Manitoba (two scenes)		
	Item - Dugout North of Reston	1937	
	Item - Pile of Bones at Melita Station	1937	
	Item - Saskatchewan Cattle Being	1937	,
	Unloaded Carberry, Manitoba (two		
	views)		
	Item - Basin Listing, Soil Conservation		
1	Item - Dasin Listing, Son Conservation	n.d.	
	_	n.d.	
	Project, Bottineau, North Dakota (three scenes)	n.d.	
	Project, Bottineau, North Dakota (three scenes)		A1980-044,
	Project, Bottineau, North Dakota (three	1948-1949	,
	Project, Bottineau, North Dakota (three scenes)		A1980-044, Box 0007PC File 0006
	Project, Bottineau, North Dakota (three scenes)		Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous	1948-1949	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo	1948-1949 1949	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain	1948-1949 1949	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier	1948-1949 1949 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral	1948-1949 1949 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine	1948-1949 1949 1948 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine Item - Columbia Ice Fields Showing	1948-1949 1949 1948 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine Item - Columbia Ice Fields Showing Melting Ice and Glacial Milk	1948-1949 1949 1948 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine Item - Columbia Ice Fields Showing Melting Ice and Glacial Milk Item - Margin of Glacial Ice, Columbia	1948-1949 1949 1948 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine Item - Columbia Ice Fields Showing Melting Ice and Glacial Milk Item - Margin of Glacial Ice, Columbia Icefield	1948-1949 1949 1948 1948 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine Item - Columbia Ice Fields Showing Melting Ice and Glacial Milk Item - Margin of Glacial Ice, Columbia Icefield Item - Moraine Near Columbia Icefield	1948-1949 1949 1948 1948 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine Item - Columbia Ice Fields Showing Melting Ice and Glacial Milk Item - Margin of Glacial Ice, Columbia Icefield Item - Moraine Near Columbia Icefield from which Ice has Returned	1948-1949 1948 1948 1948 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine Item - Columbia Ice Fields Showing Melting Ice and Glacial Milk Item - Margin of Glacial Ice, Columbia Icefield Item - Moraine Near Columbia Icefield from which Ice has Returned Item - Bow Falls Near Banff	1948-1949 1948 1948 1948 1948 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine Item - Columbia Ice Fields Showing Melting Ice and Glacial Milk Item - Margin of Glacial Ice, Columbia Icefield Item - Moraine Near Columbia Icefield from which Ice has Returned Item - Bow Falls Near Banff Item - Bear on Mountain Highway	1948-1949 1948 1948 1948 1948 1948 1948 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine Item - Columbia Ice Fields Showing Melting Ice and Glacial Milk Item - Margin of Glacial Ice, Columbia Icefield Item - Moraine Near Columbia Icefield from which Ice has Returned Item - Bow Falls Near Banff Item - Bear on Mountain Highway Item - Columbia Icefields	1948-1949 1948 1948 1948 1948 1948 1948 1948 1948 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine Item - Columbia Ice Fields Showing Melting Ice and Glacial Milk Item - Margin of Glacial Ice, Columbia Icefield Item - Moraine Near Columbia Icefield from which Ice has Returned Item - Bow Falls Near Banff Item - Bear on Mountain Highway Item - Columbia Icefields Item - Podsol in Rocky Mountains,	1948-1949 1948 1948 1948 1948 1948 1948 1948 1948 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine Item - Columbia Ice Fields Showing Melting Ice and Glacial Milk Item - Margin of Glacial Ice, Columbia Icefield Item - Moraine Near Columbia Icefield from which Ice has Returned Item - Bow Falls Near Banff Item - Bear on Mountain Highway Item - Columbia Icefields Item - Podsol in Rocky Mountains, Between Jasper and Banff	1948-1949 1948 1948 1948 1948 1948 1948 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine Item - Columbia Ice Fields Showing Melting Ice and Glacial Milk Item - Margin of Glacial Ice, Columbia Icefield Item - Moraine Near Columbia Icefield from which Ice has Returned Item - Bow Falls Near Banff Item - Bear on Mountain Highway Item - Columbia Icefields Item - Podsol in Rocky Mountains, Between Jasper and Banff Item - Hoodoos N. of Cranbrook, B.C.	1948-1949 1948 1948 1948 1948 1948 1948 1948	Box 0007PC
	Project, Bottineau, North Dakota (three scenes) File - Miscellaneous Item - Glacia Striae Near Lake Atikomeo Item - A Braided Stream in Mountain Valley Between Jasper and Glacier Item - Columbia Ice Fields and Lateral Moraine Item - Columbia Ice Fields Showing Melting Ice and Glacial Milk Item - Margin of Glacial Ice, Columbia Icefield Item - Moraine Near Columbia Icefield from which Ice has Returned Item - Bow Falls Near Banff Item - Bear on Mountain Highway Item - Columbia Icefields Item - Podsol in Rocky Mountains, Between Jasper and Banff Item - Hoodoos N. of Cranbrook, B.C. Item - A Braided Stream Valley in Rocky	1948-1949 1948 1948 1948 1948 1948 1948 1948	Box 0007PC

File - Miscellaneous	1939, n.d.	A1980-044, Box 0007PC File 0007
Item - Lang's Valley at Buncloddy (no negative)	n.d.	
Item - Vegetation on Oxbow Soil West of Tilston	n.d.	
Item - Vegetation on Tiger Hills Just North of Lang's Valley (2 views) (2)	n.d.	
Item - Big Blue-Stem Growing in Sand- Dunes North of Glenboro	n.d.	
Item - Margin of Alkali Slough South of Babin, No. 2 Highway	n.d.	
Item - Flash Water in Channel Through Oxbow Soil Association (two views)	n.d.	
Item - Arrow Hills Moraine	n.d.	
Item - Dug-Out, Lyleton	1939	,
Item - Field Shelter-Belt, Lyleton, October 1939	October 1939	
Item - Cotten-Wood Invasion of Blown- Out Area West of Melita	1939	
Item - Open Corn Crib on Altona Soil Near Morden, S.W. 1/4, 3-3-5	n.d.	
Item - So-Called "Agassiz" Soil (Blumenstein Out-Crop) on Morden Experimental Farm, N.W. Corner of S.W. 1/4 or 4-3-5	n.d.	
Item - Fort Garry Soil Profile Southwood Golf Course on River Bank	n.d.	
File - Miscellaneous	1940	A1980-044, Box 0007PC File 0008
Item - Excessive Clearing on Hilly Topography South of Riding Mountain	July 1940	
Item - Topography, Vegetation and Broken Hillsides South of Riding Mountain	July 1940	
Item - Complete Removal of Forest on South Side of Riding Mountain	1940	,
Item - Broadly Undulating Newdale Topography, South Centre 15-31-26	1940	
Item - Gently to Moderately Undulating Topography in Newdale Association, South West of 10-19-23	1940	
Item - Dried Lake Bed in Newdale, West Side 22-19-27	1940	,
Item - Stand of Buffalo Grass on Edge of Birdtail Valley, (Dry Newdale Soil) N.E. 27-19-25	1940	
Item - Vegetation on Shaly Newdale Soils, West Centre 10-21-26	1940	
Item - Vegetation on Shaly Newdale Soils, West Centre 10-21-26	1940	

Item - Vegetation on Gravelly Eroded Hill in Newdale Association South-West	1940
Item - Fodder Crops on Newdale Soil, S.W. 3-22-28	1940
Item - Fodder Crops on Newdale Soil, S.W. 3-22-28	1940
Item - Wheat Stooks on Newdale Soil, S.W. 3-21-26	1940
Item - Wheat Stooks on Newdale Soil, N.E. 1/4, 35-20-27	1940
Item - Attempt at Better Land Use in Newdale (Stoney Shallow Knoll Soil) Association, S.W. 8-21-28	1940
Item - Rill Erosion (see spade for size), on Short 5-10% Slope in Newdale Association, S.C. 35-20-26	1940
Item - Soil Drifting from Newdale Soil, N.E. of 1-21-29	1940
Item - Soil Drifting from Newdale Soil, N.E. of 1-21-29	1940
Item - Newdale Profile, S.W. 1/4 32-20-28	1940
Item - Newdale Profile (Mate to Colour), S.W. 16-21-27	1940
Item - Newdale Profile, S.W. 16-21-27	1940
	1940
(-8) Showing Low Hay Flat with Significantly Better Drained Soils Being	
Item - Intermittent Cultivated and Non- Cultivated Lands Typical of Low Phase	1940
Item - Marsh, etc., on Low Newdale (-8),	1940
Item - Vegetation on Low Newdale Soils	1940
	1940
Item - Vegetation on Low Newdale Soils	1940
Item - Gully Erosion on Newdale to (-9) Soil, S.C. 22-21-26	1940
Item - Alluvial Fan from Gully on a Short Cross-Cultivated 15% Slope in Newdale Association (?) or (-9), W.C. 2-21-26	1940
Item - Alluvial Fan from Gully on a Short Cross-Cultivated 15% Slope in Newdale Association (?) or (-9), W.C. 2-21-26	1940
Item - Root Piles on a Scrubbed Field in (-9) Soil, E.C. 18-21-26"	n.d.
Item - (-9) Profile, N.E. 23-21-26	1940
Item - Ukrainian Sod Roofed House and Barn - in (-9) Area, N.E. 14-21-24	1940
	Hill in Newdale Association South-West of 5-22-28 Item - Fodder Crops on Newdale Soil, S.W. 3-22-28 Item - Fodder Crops on Newdale Soil, S.W. 3-22-28 Item - Wheat Stooks on Newdale Soil, S.W. 3-21-26 Item - Wheat Stooks on Newdale Soil, N.E. 1/4, 35-20-27 Item - Attempt at Better Land Use in Newdale (Stoney Shallow Knoll Soil) Association, S.W. 8-21-28 Item - Rill Erosion (see spade for size), on Short 5-10% Slope in Newdale Association, S.C. 35-20-26 Item - Soil Drifting from Newdale Soil, N.E. of 1-21-29 Item - Soil Drifting from Newdale Soil, N.E. of 1-21-29 Item - Newdale Profile, S.W. 1/4 32-20-28 Item - Newdale Profile, S.W. 16-21-27 Item - Newdale Profile, S.W. 16-21-27 Item - Topography of Low Newdale (-8) Showing Low Hay Flat with Significantly Better Drained Soils Being Cultivated, N.E. 5-19-24 Item - Intermittent Cultivated and Non-Cultivated Lands Typical of Low Phase Newdale (-8), N.E. 4-19-24 Item - Marsh, etc., on Low Newdale (-8), N.C. 23-19-27 Item - Vegetation on Low Newdale Soils Item - Vegetation on Low Newdale Soils (-8) Item - Gully Erosion on Newdale Soils Item - Vegetation on Low Newdale Soils (-8) Item - Gully Erosion on Newdale Soils Item - Gully Erosion on Newdale Soils (-8) Item - Gully Erosion on Newdale Soils Item - Alluvial Fan from Gully on a Short Cross-Cultivated 15% Slope in Newdale Association (?) or (-9), W.C. 2-21-26 Item - Alluvial Fan from Gully on a Short Cross-Cultivated 15% Slope in Newdale Association (?) or (-9), W.C. 2-21-26 Item - Root Piles on a Scrubbed Field in (-9) Soil, E.C. 18-21-26" Item - Root Piles on a Scrubbed Field in (-9) Soil, E.C. 18-21-26" Item - Ukrainian Sod Roofed House and

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Item - Alfalfa Setting Seed on (-9) Soil, S.W. 1/4 16-20-23 (2)	1940	
Item - Vegetation on Cut-Over Acid Peat in (-9) Association, N.E. 35-19-23 (2)	1940	
Item - Roughly Undulating Topography, (-9) Association, N.E. 25-19-23	1940	
Item - Topography of (-9) (Roughly Undulating) Varying from Slough to Hill, N.E. 32-19-23	1940	
Item - Roughly Undulating Topography in (-9) Association, Showing Slough and Roughly Undulating Fields, N.W. 28-19-23	1940	
File - Miscellaneous	1940	A1980-044, Box 0007PC File 0009
Item - Vegetation on Plytomorphic (9) to (-9) Association in Riding Mountain National Park, ?-22-26	1940	
Item - Stock Watering Hole	1940	
Item - Vegetation on Low (9) to (-9) in Riding Mountain National Park, ?-22-26	1940	
Item - Excessive Clearing on Hilly Topography on Riding Mountain North of Rackham (2)	1940	
Item - Forest and Cultivated Fields on Hilly Topography, North of Rackham	1940	
Item - Baldy Lake from Oakburn Watchtower, Riding Mountain National Park	1940	
Item - Buffalo Herd Near Lake Hardy, Grazing on Outwash Plain (four views)	1940	
Item - Topography Along Birdtail Valley Flats, Showing Hilly Nature of Banks, C. 21-21	1940	
Item - Burnt Peat Bog with Ashes from About Two Feet of Bog, N.E. 6-20-33 (two views)	1940	
Item - Fire Burning in Peat, Showing Pile of Ashes, Centre of 32-30-23	1940	
Item - Swamps Along Heron Creek, S.C. of 12-20-23	1940	
Item - Stony Eroded Knoll Along Edge of Heron Creek Between 35 and 26, 1 20-23	1940	
Item - Vegetation on the Benton Soils, N.E. 1/4 of 9-21-29	1940	
Item - Assiniboine Flats, (Benton Soils) Looking North-West from the N.E. 1/4 of 9-21-26	1940	
Item - Assiniboine Valley and Hills from Bridge on Highway West of Russell, 15-51-29	1940	
	S.W. 1/4 16-20-23 (2) Item - Vegetation on Cut-Over Acid Peat in (-9) Association, N.E. 35-19-23 (2) Item - Roughly Undulating Topography, (-9) Association, N.E. 25-19-23 Item - Topography of (-9) (Roughly Undulating) Varying from Slough to Hill, N.E. 32-19-23 Item - Roughly Undulating Topography in (-9) Association, Showing Slough and Roughly Undulating Fields, N.W. 28-19-23 File - Miscellaneous Item - Vegetation on Plytomorphic (9) to (-9) Association in Riding Mountain National Park, ?-22-26 Item - Stock Watering Hole Item - Vegetation on Low (9) to (-9) in Riding Mountain National Park, ?-22-26 Item - Excessive Clearing on Hilly Topography on Riding Mountain North of Rackham (2) Item - Forest and Cultivated Fields on Hilly Topography, North of Rackham Item - Baldy Lake from Oakburn Watchtower, Riding Mountain National Park Item - Buffalo Herd Near Lake Hardy, Grazing on Outwash Plain (four views) Item - Topography Along Birdtail Valley Flats, Showing Hilly Nature of Banks, C. 21-21 Item - Burnt Peat Bog with Ashes from About Two Feet of Bog, N.E. 6-20-33 (two views) Item - Fire Burning in Peat, Showing Pile of Ashes, Centre of 32-30-23 Item - Swamps Along Heron Creek, S.C. of 12-20-23 Item - Stony Eroded Knoll Along Edge of Heron Creek Between 35 and 26, 1 20-23 Item - Vegetation on the Benton Soils, N.E. 1/4 of 9-21-29 Item - Assiniboine Flats, (Benton Soils) Looking North-West from the N.E. 1/4 of 9-21-26 Item - Assiniboine Valley and Hills from Bridge on Highway West of Russell,	S.W. 1/4 16-20-23 (Ž) Item - Vegetation on Cut-Over Acid Peat in (-9) Association, N.E. 35-19-23 (2) Item - Roughly Undulating Topography, (-9) Association, N.E. 25-19-23 Item - Topography of (-9) (Roughly Undulating) Varying from Slough to Hill, N.E. 32-19-23 Item - Roughly Undulating Topography in (-9) Association, Showing Slough and Roughly Undulating Fields, N.W. 28-19-23 File - Miscellaneous 1940 Item - Vegetation on Plytomorphic (9) to (-9) Association, Showing Slough and Roughly Undulating Fields, N.W. 28-19-23 File - Miscellaneous 1940 Item - Vegetation on Plytomorphic (9) to (-9) Association in Riding Mountain National Park, ?-22-26 Item - Stock Watering Hole 1940 Item - Vegetation on Low (9) to (-9) in 1940 Riding Mountain National Park, ?-22-26 Item - Excessive Clearing on Hilly 1940 Topography on Riding Mountain North of Rackham (2) Item - Forest and Cultivated Fields on 1940 Hilly Topography, North of Rackham 1940 Watchtower, Riding Mountain National Park 1940 Item - Buffalo Herd Near Lake Hardy, 1940 Grazing on Outwash Plain (four views) Item - Buffalo Herd Near Lake Hardy, 1940 Grazing on Outwash Plain (four views) Item - Topography Along Birdtail Valley Flats, Showing Hilly Nature of Banks, C. 21-21 Item - Burnt Peat Bog with Ashes from About Two Feet of Bog, N.E. 6-20-33 (two views) Item - Fire Burning in Peat, Showing Pile of Ashes, Centre of 32-30-23 Item - Swamps Along Heron Creek, S.C. 1940 of 12-20-23 Item - Swamps Along Heron Creek, S.C. 1940 of Heron Creek Between 35 and 26, 1 20-23 Item - Vegetation on the Benton Soils, 1940 N.E. 1/4 of 9-21-29 Item - Stony Eroded Knoll Along Edge of Heron Creek Between 35 and 26, 1 20-23 Item - Vegetation on the Benton Soils, 1940 N.E. 1/4 of 9-21-29 Item - Assiniboine Flats, (Benton Soils) 1940 Looking North-West from the N.E. 1/4 of 9-21-26 Item - Assiniboine Valley and Hills from 1940

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	Item - Valley of Tributary Leading into Birdtail Creek, Taken from the North	1940	
	Edge of the N.E. 1/4 of 9-21-24		
	Item - View of Flat Topography in Birdtail Valley Along the Read Between N.W. 1/4 or S.W. 1/4 of 7-21-24	1940	
	Item - Steam Threshing Outfit at Work on the Lizard Point Indian Reserve, S.W. 22-19-25	1940	
	Item - Drying Lake in Lizard Point Indian Reserve	1940	
	Item - Jack Parker in Wheat Field, S.W. 3-20-25	1940	
	Item - View of Fort Ellice Cairn	1940	
	File - Miscellaneous	1939-1940, 1948, n.d.	A1980-044, Box 0008PC File 0001
	Item - Phytomorphic Waskada Soil Profile	1948	1110 0001
	Item - Waskada Topography	1948	
	Item - Farm Home of Mr. Eric Willis, Conservative Leader, Manitoba Legislative Assembly	September 1940	
	Item - Garden Surrounded by Wind Break of Maples, Taylor Farm on Carroll Fine Loam (3-6-23)	September 1940	
	Item - Field Wind-Break and Potato Crop on Farm of Mr. Taylor, Hartney (3-6-23) (two views)	1940	
	Item - Field Wind-Break, Two Rows of Maples with an Outside Row of Caragana, Taylor Farm, n.d. (3-6-23)	n.d.	
	Item - Corn in 100-Foot Strip Between Field Shelter Belts, Taylor Farm (3-6-23)	September 1940	
	Item - Plum Tree on Taylor Farm, Carroll Fine Loam (3-6-23)	September 1940	
	Item - Farm Garden, Taylor Farm on Carroll Fine Loam (3-6-23), n.d.	n.d.	
	Item - Newly Planted Field Shelter Belt, Taylor Farm (Ash and Elm) (3-6-23)	September 1940	
	Item - Wind-Break of Maple and Caragana, Taylor Farm on Carroll Fine Loam (3-6-23), Wheat on Fallow 20 Bush, Per Acre, Second Crop 17 Bush	September 1940	
	Item - Cattle and Horses Grazing on Souris Loamy Fine Sand (28-7-23), Native Poplar on Dune Sand in the Background	September 1940	
	Item - Part of Garden of J. Parker, and Rhubarb, Melita Reclamation Station (19-4-26)	September 1940	
	Item - Corn Variety Trials on Melita Reclamation Station on Souris Light Fine Sandy Loam	September 1940	

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Item - Artemisia and Native Grasses	September 1940
Re-Established on Field Pitted with Blow-Out, Souris Sand, Deleau, N.W. of	
19-7-23	
Item - Souris Sandy Loam, Pytomorphic	September 1940
Associate, Road Between Section 10 and	
15, Tp 1. Rge. 28	
Item - Souris Soils, Well Drained	n.d.
Associate, n.d.	
Item - Topography, Souris Soil Association, Lake Souris Basin Showing	n.d.
Wind Eroded Headland, n.d.	
Item - Two Views Taken on Oxbow Soil	n.d.
Association, C.W. Lowe, n.d. (2)	
Item - Prairie and Aspen Bluffs and	September 1940
Typograph on Oxbow Loam Northwest	
of Pierson (two views)	
Item - Topograph and Vegetation on	n.d.
Oxbow Soil Association, n.d. Item - Wheat Crop on Pipestone Clay,	September 1940
Sec. 16-7-26	September 1740
Item - Alfalfa on Bede Soil, 8-7-26,	September 1940
(Experiment Sub-Station) September	-
1940 (two views)	
Item - Sweet Clover Sown with Nurse	September 1940
Crop of Wheat on Bede Soil (Ex. Sub	
Station) 8-7-26 Item - Profile of Bede Soil Type	September 1940
Item - Hilton Soil Association, South of	October 1939
Cabin, Tp. 7 R. 19	300000 1707
Item - Hilton Association, Tp. 7 R. 19	1939
Item - Hilton Loam, Showing	September 1940
Topography, Crop and "A" Horizon	
Eroded from Knoll Position	Contambou 1040
Item - Soil Profile, Topography, Aspen Groves and Eroded Knolls, Hilton Clay	September 1940
Loam, N.W. of 9-7-19	
Item - Hilton Clay Loam, N.W. of 9-7-19	September 1940
(three views)	•
Item - Vegetation on Tiger Hills and	1940
Hilton Soils	
Item - Vegetation on Tiger Hills, Hills	September 1940
Wooded on Northern Slope, Grassed on Southern Slope, Just South of No. 2	
Highway on Boissevain Road	
Item - Vegetation and Topograph, Tiger	September 1940
Hills, Just West of Cabin No. 2 Highway	
Item - Vegetation and Topograph, Tiger Hills	September 1940
Item - Topograph and Vegetation on	September 1940
Tiger Hills, Woods on Northern and	
Eastern Slopes; Prairie Vegetation on	
Southern and Western Slopes	Santambar 1040
Item - Topograph, Smooth Phase Waskada	September 1940
** askada	

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Item - Crop on Waskada Clay Loam	September 1940
Gently Rolling Phase, South of	
Boissevain, Farm Windbreak in	
Background Showing Trees Partially	
Killed by Drought	
Item - Waskada Landscape Area,	n.d.
Undulating Phase, n.d.	
Item - Eroded Phase Waskada	n.d.
Association, South of Melita, n.d.	
Item - Cattle in Field, n.d.	n.d.
Item - Grey Wooded Soil, Turtle	n.d.
Mountain, n.d.	
Item - Alfalfa Crop on Turtle Mountain	September 1940
Clay Loam at Wassewa (two views)	
Item - Alfalfa Crop on Turtle Mountain	September 1940
Clay Loam, Also Showing Topograph	
and Native Vegetation, Near Wassewa	
Item - Grain Crops and Topograph,	1940
Turtle Mountain Clay Loam	
Item - Native Vegetation and Topograph	September 1940
in the Peace Garden on Turtle Mountain	•
Item - Second Growth Native Vegetation	September 1940
on Turtle Mountain Near Peace Gardens	1
Item - Spruce Planted by Forestry	September 1940
Service on Turtle Mountain Between	
Lake Max and Wassea, Planted in 1912,	
Badly Eaten by Rabbits in 1916, but	
Grew Up Again	
Item - Conifers Planted by Forestry	September 1940
Service on Turtle Mountain, Between	•
Lake Max and Wassewa, Spruce on Left,	
Scotch Pine on Right	
Item - Souris Valley 8 Miles South of	September 1940
Melita, Taken from East Side of Channel,	•
Showing Native Vegetation on East Bank	
and Native Trees on First River Terrace	
with Grain in Stock on Coulter Clay in	
the Valley	
Item - Cattle Grazing on Banks of Souris	September 1940
Channel, Sec. 1, Tp. 21, Rge. 27, One	
Mile East of Coulter	
Item - Souris River Valley, 6-2-26, East	September 1940
of Coulter, Used for Grazing (two views)	-
Item - Chesterfield Clay and Native	September 1940
Vegetation, Dry Souris Channel (two	•
views)	
Item - View Across Dry Channel	September 1940
Seven Miles South of Melita Showing	•
Chesterfield Clay Used for Grazing (two	
views)	
Item - Chesterfield Clay Used for	September 1940
Grazing in Dry Channel, Six Miles South	•
of Melita, Hydromorphic Area	
Item - Poplar (Cottonwood) Spreading	September 1940
by Root Suckers into Garden on Lyleton	1
j - j - z - z - z - z - z - z - z - z -	

viss 19, 10 19, ivic 2		Tienry Ems fonds	
	Experiment Sub Station, Taken 25 Feet		
	from Windbreak which was Planted in		
	1936		
	File - Miscellaneous	1941-1942	A1980-044, Box 0008PC File 0002
	Item - Waskada Soil Area North-East of	1941	1 HC 0002
	Killarney		
	Item - Ravine in Waskada Soil Area South of Killarney, Showing Stony Banks	1941	
	Item - Waskada Undulating Phase East of Killarney Showing Erosion (two views)	1941	
	Item - Topography - Manitou - Clearwater Prairie Area, 2-C	July 1942	
	Item - Grass and Prairie Flowers on Blackearth Prairie, 2-C, Between Glenora and Greenway	July 1942	
	Item - Manitou Association, Landscape and Topography	September 1942	
	Item - Topography - Manitou Clay Loam (three views)	1941	,
	Item - Manitou Clay Loam	n.d.	
	Item - Darlingford Clay Loam	1941	
	Item - Darlingford Clay Loam	July 1942	
	Item - Darlingford Soil Profile, Near	1941	
	Darlingford on No. 3 Highway (two views)	1741	
	Item - Marringhurst Profile, North of Rock Lake	July 1942	
	Item - Peas and Onions in Garden on Marringhurst Sandy Loam, R. Collin's Garden, Glenora Village	July 1942	
	Item - Marringhurst Coarse Sandy Loam Over Grave	July 1942	
	Item - Tiger Hills Topography, Grass on South Slope, Woods on North Slope, North of Ninette	1941	
	Item - Vegetation - Tiger Hills North of Ninette	1941	
	Item - Topography in Tiger Hills West of Glenora	July 1942	
	Item - Saline Border Around Lake in Tiger Hills, North of Baldue	1941	
	Item - Tiger Hills South of Glenboro and Cypress River (two views)	September 1942	
	Item - Livestock Grazing in Broad Eroded Channel, Southeast of Tp. 4, Range 14	1941	
	Item - Tiger Hills South of Cypress River, Grain at Left Grown on Old Land, Grain at Right on New Breaking, Tiger Hills Soil on North Slope	n.d.	

10155 19, 10 19, 1010 2		Tiemy Ems fonds	
	Item - View of Landscape Looking North	1941	
	in Tiger Hills, Taken South of Cypress		
	River		
	Item - In the Tiger Hills Looking North-	1941	
	East, Showing Morainic Topography in		
	Background		
	Item - Looking North in the Tiger Hills,	1941	-
	South of Cypress River, Lake Agassiz		
	Basin in the Distance		
	Item - Topography and General	1941	
	Landscape in the Pembina Hills Looking		
	Northeast (Tp. 6, R. 8)		
	Item - Pembina Hills, Showing Land Use	1941	1
	and Native Vegetation of Forest, Also		
	Hay Swale in Dyromorphic Position		
	Item - Topography and Land Use -	1941	
	Pembina Hills	2, 12	
	Item - Greenway and Heaslip Complex,	July 1942	
	South of Baldun, Gravelly Profile as	July 1772	
	Result of Water Working East of Dry		
	Ravine		
	Item - Land Use in the Pembina Hills	1941	
	Showing Also Moraine in Background	1941	
	and Willow and Associated Tree Growth		
	in Low Position		
		1	,
	Item - Pembina Hills, Showing Land	n.d.	
	Cleared Which Should Have Remained		
	Under Forest or Put Into Grass	1041	
	Item - Topography and General	1941	
	Landscape in the Pembina Hills Looking		
	North (Tp. 6, R. 8)		
	Item - Pembina Hills, Summer-Fallow	n.d.	
	and Native Growth on Grey-Wooded		
	Soil, Native Vegetation is Second		
	Growth, the Slope is a Western Exposure		
	File - Miscellaneous	1941-1942,	A1980-044,
		1948	Box 0008PC
			File 0003
	Item - Phytomorphic Darlingford Soil	1948	
	Profile		
	Item - Topography of Association	1948	,
	Item - Manitoba Escarpment Looking	1941	
	South (1-2-6?)		
	Item - Profile of Grey-Wooded Soil	1941	
	(Pembina) Above the North Bank of	-	
	Pembina Channel South of Darlingford		
	Item - Altamont Phytomorphic Associate,	1941	
	Degrading Blackearth, Four and One-		
	Half Miles South of Notre Dame		
	Item - Altamont Phytomorphic Associate,	1941	
	Degrading Blackearth, Four and One-	1771	
	Half Miles South of Notre Dame, Profile		
	View		
1	VICW		

1	Tiemy Bins fonds
Item - Topography and Land Use Two Miles West of Altamont, Vegetation - Woodland Invasion (2)	1941
Item - Lang's Valley (two views)	September 1942
Item - Lang's Valley, Looking North by	September 1942
East (4-5, 6, 17)	
Item - Lang's Valley, Looking North (4-5, 6, 17)	September 1942
Item - Junction of Pembina and Lang's Valley, Photos Taken from North Bank, Showing a View of South Bank from Lake Lorne to Pelican Lake, Order of Pictures East and West - 1 to 5	1941
Item - Road-Cut Through Eroded Slopes on Pembina Channel, Highway No. 3 Showing Thin Soil Over Shale, with Native Vegetation	September 1942
Item - Pembina Valley at La Riviere (two views)	1941
Item - Pembina Channel, La Riviere	September 1942
Item - Weathered Shale with Thin Soil Cover and Native Vegetation - Eroded Slopes, Pembina Channel, South of La Riviere	September 1942
Item - Assiniboine Valley and Oxbow, Looking South Across 34-7-15 (two views)	September 1942
Item - Assiniboine Valley, Stockton, Looking South Over 34-7-15 (three views)	September 1942
Item - Sandy Hills and Golf Course, Glenboro	July 1942
Item - Topography and Native Vegetation, Sand Dune Area North of Steel's Febbry, near the So-Called "Bald Headed" Sand Hills	October 1942
Item - Sand Dunes and Stockton Sand, Land with Smoother Topography, Glenboro Golf Course	July 1942
Item - Abandoned Field and Blow-Out, Stockton, 20-7-15	September 1942
Item - Soil Profile Taken Near Cypress River, Glenboro Type	1941
Item - Soil Profile at Cypress River, Glenboro Type	July 1942
Item - Landscape - Glenboro Plain, Douglas Fir, Glenboro (two views)	September 1942
Item - Vegetation on Hecla Complex, on Left Vegetation is Normal, at the Right Vegetation is Sparse on Solodized Spot or Blow-Out	July 1942
Item - Hecla Soil Profile, Showing Gravel and Rotten Shale Substrata, Sec. 13-6-14 (2 views)	September 1942

(VISS 17, 1 C 17, 1VIC 2	**************************************	Tiemy Ems fonds	
	Item - Looking East Through Ravine	1941	
	in the Pembina Escarpment with Lake		
	Agassiz Basin in Background (12-4-7)	1041	
	Item - Agassiz Sandy Loam Over Gravel, South-West of Morden	1941	
	Item - Blumenstein Soil Profile, South-	September 1942	
	West of Morden (two views)	September 1942	
	Item - Hecla Soil Profile, Showing	September 1942	
	Gravel and Rotten Shale Substrata, Sec.	1	
	13-6-16 (2 views)		
	Item - Alkalinized Soil (Benton Clay), S.W. 1-2-6	1941	
	Item - Native Vegetation on Benton Clay	1941	
	Near North Star, Showing Vegetation		
	Undisturbed on Road Allowance and		
	Overgrazing in the Pasture Field (no		
	negative)	, 1011	
	Item - Artemisia on Benton Clay,	1941	
	Manitoba Escarpment West of Miami (no negative)		
	Item - Shale Clay Butte, on 18-4-16, with	1941	
	Cactus, Sage and Sparse Vegetation		
	Item - Altona Sandy Loam Churned Up	July 1942	
	by Gophers, One Mile West and Three	•	
	Miles North of Morden		
	Item - Escarpment As Seen From	September 1942	
	Agassiz Basin in Tp. 1, Rge. 5, Gretna		
	Clay in Foreground, Ravine from which		
	Clay was Derived Can Be Seen in Background		
	Item - Vegetation on Valley Floor of the	n.d.	
	Pembina Channel, Central Section		
	File - Miscellaneous	1942-1943	A1980-044,
			Box 0008PC
			File 0004
	Item - Hay Crop, University Farm, Block	1942	
	B	11 1040	
	Item - Hay Crop, Fertility Field, University of Manitoba, Block B	July 1942	
	Item - Hay Crop, on Fertility Field, Block	1942	
	B, University Farm	1772	
	Item - Hay Crop, Block B, University	July 1942	
	Farm, Alfalfa and Grass Mixtures	•	
	Item - Roots of Crested Wheat, Alfalfa	July 1942	
	and Brome in One Square Foot Six		
	Inches Deep, University Farm	***	
	Item - Roots from One Square Foot, Six	July 1942	
	Inches Deep, University Farm; 1. Brome,		
	2. Alfalfa, 3. Crested Wheat Item - Roots from One Square Foot,	July 1042	
	Six Inches Deep, University Farm; 1.	July 1942	
	Brome, 2 Alfalfa, 3. Crested Wheat, 4.		
	Timothy, 5. Alfalfa and Grass Mixtures,		
	6. Meadow Fescue		
t			

Item - Flax Experiment University Farm; 1. A/P, 2. Check, 3; A/P	1942	
Item - Block 3, Range Plot 11, Fertility Field University Farm (July)	July 1942	
Item - Greenhouse Experiment on Soil from the Farm of Mr. E.E. Ward, Dauphin, Manitoba, Experiment No. 4	n.d.	
Item - Hay on Fertility Field, University Farm	n.d.	
Item - Intake Studies with Wheat on Barn-Field, University Farm	1943	
Item - Salberg Alfalfa Plots, With and Without Sulpher, South Junction	1943	
Item - Alfalfa Experiment With and Without Gypsum, South Junction	1943	
Item - Alfalfa Experiment at South Junction, Manitoba With and Without Gypsum	n.d.	
Item - Alfalfa Roots	n.d.	
File - Miscellaneous	1943	A1980-044, Box 0008PC File 0005
Item - Menisi No Sand, South-Eastern Manitoba	1943	
Item - Wampum Soil Associate, Shallow Phase, South-Eastern Manitoba (two views)	1943	
Item - Wintergreen Mucky Loam Sand (Poorly Drained Associate), South- Eastern Manitoba	1943	
Item - Burning Slash South West of Piney, Manitoba (two views)	1943	
Item - From Fire Tower, 3.5 Miles East and 1 Mile North from Piney, Jack Pine in Foreground and Along Horizon, Tamarack Swamp in Pine Creek Valley	1943	
Item - Garden at Vassar on Sand, August 1943	1943	
File - Miscellaneous	1944-1945, 1951	A1980-044, Box 0008PC File 0006
Item - Planting Seedlings, Carberry	n.d.	
Item - Manitoba Land Inpsector's Field Trip for Shilo	July 1951	
Item - Fire Killing in Bluff on Carroll Soil Type	1944	
Item - Fire Killing in Bluff on Carroll Soil Type (Close-Up of No. 768)	1944	
Item - Tree Invasion of Drainage Ditch North of Sperling	1944	
Item - Natural Grove of White Spruce Spreading from Central Seed Trees, Stockton Dune Phase, South of Camp	n.d.	
Item - Second Generation Scots Pine Planted 1930, South of Camp Hughes	September 1944	

<u> </u>	*	·
	Item - Jack Pine Planted 1924, Stockton Dune Phase, South of Camp Hughes	September 1944
	Item - Seed Now Being Borne on Second	September 1944
	Generation Scots Pine, South of Camp	
	Hughes	
	Item - Government Shelterbelt of Three	September 1944
	Rows of Manitoba Maples, Riverdale	
	Soil Item - Basswood Grove and Abandoned	October 2, 1944
	Poplar Log House, at Foot of Pembina	October 2, 1944
	Hills - Roseisle, Manitoba, Morden Soil	
	Association at House	
	Item - Wild Hay Field, Section 19,	n.d.
	Township 6, Range 25W, Wet Phase of	
	Souris Sand	
	Item - Plantation, Lake Max (two views)	1944
	Item - In Saskatoon Bush on Roadway,	1944
	Alexander	1044
	Item - Saskatoons at Alexander	1944
	Item - Farmer's Woodlot Near Poplar Point, Grazing has Prevented Restocking	n.d.
	Item - As Above, W.M. Robertson	1945
	Item - Farmer's Woodlot, Poplar Point,	1945
	Manitoba, Cattle Have Been Kept Out,	1710
	Growth Conditions are Good and Area	
	Has Advance Growth	
	Item - Clear Lake, August 1945, W.M.	1945
	Robertson	
	Item - Interior of Plantation No. 3,	n.d.
	1906, Camp Hughes - Scots Pine (W.M. Robertson)	
	Item - North Side of Plantation No.	August 29, 1945
	3, 1906, Camp Hughes, Showing	August 29, 1943
	Reproduction to Scots Pine and Spruce	
	Item - Plantation No. 58, 1924, Camp	August 29, 1945
	Hughes, Jack Pine, Em. M. Robertson	
	Item - Spruce Plantations at Lake Audy,	August-
	Riding Mountain, W.M. Robertson	September 1945
	Item - Photo by W.M. Robertson,	1945
	Location not Given (2)	
	Item - Seed Beds at Lake Audy, Riding Mountain, Manitoba	n.d.
	Item - Provincial Forest Nursery, Courtesy C.B. Gill	1945
	Item - Natural Reproduction to Spruce	1945
	on North Side of 31-Year Old Plantation,	
	Turtle Mountain (Courtesy U.S.D.A.	
	Region 5, Lincoln, Nebraska)	
	Item - 1912 Spruce Plantation, Turtle	1945
	Mountain, Taken May 1943, or 31 Years	
	Later (Courtesy U.S.D.A. Region 5,	
	Lincoln, Nebraska)	1045
	Item - Settler's Fuel Wood Operation -	1945
	Turtle Mountain, Aspen Poplar About 40 Years Old is Being Clear-Cut	
	Tours Old is Dellig Clear-Cut	

	1		
	Item - Photo Courtesy Highways Branch,	n.d.	
	Showing Caragana Hedge (2)		
	Item - Photo Courtesy Highways Branch, Showing Winlow Hedge	n.d.	
	Item - Photo Courtesy Highways Branch,	n.d.	
	Showing Caragana with Willow Clump		
	in Low Section		
	I .		
	Item - Photo Courtesy Highways Branch (2)	n.d.	
	Item - Pictures Showing Wood Products	n.d.	
	in South Eastern Manitoba, Courtesy Mr.		
	Richardson, Provincial Lands Branch (6		
	views) (2)		
-	1 1 1	1944	
	Item - Spruce Plantation Lake Max		
	Item - Basswood 18" D.B.H. Along	October 2, 1944	
	River at Roseisle		
	Item - Volunteer Cottonwood, South of	1944	
	Elva, Manitoba (2)		
	Item - Maple Dying Out North of	1944	
	Sperling (2)		
	File - Miscellaneous	1938,	A1980-044,
	The - Wiscentaneous	1941-1942	Box 0008PC
		1941-1942	
			File 0007
	Item - Pembina Hills Area, (1) Head of	1942	
	Gully on Farm 9 Miles West of Swan		
	Lake		
	Item - Pembina Hills Area, (2) Gully	n.d.	
	Looking East		
	Item - Pembina Hills Area, (3) Gully	n.d.	
	Looking East	11.0.	
	Item - Pembina Hills Area, (4) Gully	- d	
		n.d.	
	Looking East (two views)		
	Item - Erosion on Carroll Clay Loam	September 1942	
	South of No. 2 Highway, Elliot's Siding		
	Item - Erosion on Section 26-5-12 (three	September 1942	
	views)	•	
	Item - Erosion in Tiger Hills West of St.	September 1942	
	Alphonse	2-pomot 12 12	
	Item - Gully Cut by Erosion North of	1941	
		1741	
	Bield, Roblin Area		
	Item - Gully Cut by Erosion North of	1941	
	Bield		
	Item - Dam on Dead Horse Creek at	July 1942	
	Morden		
	Item - Dam on Dead Horse Creek at	July 1942	
	Morden	·	
	Item - Gully South-West of St. Claude	n.d.	
	Item - Sod Hut in Wet Sand Area	n.d.	
	Item - Sampling Soil, South Section 30,	n.d.	
	Tp. 17, Rge. 7, Near Methven		
	Item - Escarpment South-West of Austin	1938	
	Item - Erosion North of Alexander	1938	
	Item - Erosion in Alexander District (on	1938	
	Carroll Association) (no negative)		

 1		
Item - Topography, Firdale West of Edrans (6)	1938	
Item - Alkalinized (or Bad Structure Forming Alkali) Soil, Miami	1938	
Item - Types of Structural Capacity of Soils	n.d.	
Item - Photo of Mr. George Spence at Fort Ellice	1938	
Item - Swift Current, Saskatchewan (3)	1938	
Item - Flash Water in Channel Through Oxbow Soil Association Pipestone Creek, Manitoba	n.d.	
File - Miscellaneous	1944-1954	A1980-044, Box 0009PC File 0001
Item - Erosion West of Swan Lake (3)	1954	
Item - Rip Rapping to Retard Erosion at Road Side, South of Brandon	n.d.	
Item - Fill and Cut on Roadway Ditch, S. of Hall's Bridge	1949	
Item - Result of No Protection at Culvert Outlet, S. of Hall's Bridge	1949	
Item - Result of Too Small a Culvert, S. of Hall's Bridge	1949	
Item - Weed Growth at Rabe's Dam and Spillway	n.d.	
Item - Erosion in Field from Roadway, S. of Hall's Bridge	1949	
Item - Outlet, Rabe's Dam and Spillway	n.d.	
Item - Result of No Protection at Culvert Outlet, S. of Hall's Bridge	1949	,
Item - Slip on Highway, South of Brandon	n.d.	
Item - Shoestring Gully Between Holland and Cypress (two views)	1944	
Item - Incipient Gullying Between Holland and Cypress	1944	
Item - Soil Erosion on Carroll Soil Type, Alexander District	1944	
Item - Gully, Alexander Project, Sect. 27	July 1944	
Item - Gully, Alexander Project, Sect. 27	1944	-
Item - Hedgerow Alongside No. 1 Highway, Near Alexander	1944	
Item - Rabe's Farm North West of Alexander, Showing Gully	1944	
Item - Topography Northwest of Alexander	1944	
Item - Top Soil Removed by Wind and Sheet Erosion Near Alexander, Manitoba	1944	
Item - Soil Erosion Pictures Taken Near Alexander (two views)	1944	
Item - Topography and Fallow Field Showing Gullying Northwest of Alexander (four views)	n.d.	

	Item - Dyke and Diversion Ditch -	1945	
	Earthworks Seeded to Brome and		
	Alfalfa, Alexander		
	Item - Sowing/Contour Control, Strip of	1945	
	Grass and Alfalfa, on Youman's Farm,		
	Alexander		
		C 1045	
	Item - Spillway on Diversion Ditch -	Spring 1945	
	Alexander, Spring of 1945		
	Item - Cutting by Overfall Erosion and	1945	
	Carroll Soil at Alexander		
	Item - Freshet Cut in Diversion Dyke,	1946	
	Alexander		
	Item - Well Graded Roadside Seeded	n.d.	-
	to Alexander and Grass, Showing a		
	Smoothed Runway with Adequate		
	Capacity That Can Be Cut and Harvested		
	with Standard Haying Machinery	1016	_
	Item - Spring Flash Water Erosion in	1946	
	Diversion Ditch at Alexander Where it		
	Was Not Adequately Protected by Grass		
	Item - Initial Meeting of Turtle Mountain	May 7, 1946	
	Conservation Project on the Farm of S.E.		
	Rans (?)		
	Item - Scene in Sand Dune Area from	1946	
	No. 1 Highway	1740	
		1045 1040	A 1000 044
	File - Miscellaneous	1945-1949	A1980-044,
			Box 0009PC
I .			
			File 0002
	Item - W. of Portage - Field and Stubble	n.d.	File 0002
	Item - W. of Portage - Field and Stubble Item - Stony Area Foot of Riding	n.d. 1949	F116 0002
			File 0002
	Item - Stony Area Foot of Riding Mountain	1949	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony		F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area	n.d.	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer,	1949	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage	n.d. 1949	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of	n.d.	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin	n.d. 1949 n.d. 1949 n.d.	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of	n.d. 1949	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin	n.d. 1949 n.d. 1949 n.d.	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak	n.d. 1949 n.d. 1949 n.d.	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford	n.d. 1949 n.d. 1949 1949	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2)	n.d. 1949 n.d. 1949 1949 1948	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area	1949 n.d. 1949 n.d. 1949 1948	File 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area Item - Sanford Area (2)	n.d. 1949 n.d. 1949 1949 1948 1948	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area Item - Sanford Area (2) Item - Valley Eroded Into Lauestrine	1949 n.d. 1949 n.d. 1949 1948	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area Item - Sanford Area (2) Item - Valley Eroded Into Lauestrine Plain, N. of Durban	1949 n.d. 1949 n.d. 1949 1948 1948 1948 1948	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area Item - Sanford Area (2) Item - Valley Eroded Into Lauestrine	n.d. 1949 n.d. 1949 1949 1948 1948	File 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area Item - Sanford Area (2) Item - Valley Eroded Into Lauestrine Plain, N. of Durban Item - Field Shelterbelts, Lyleton	1949 n.d. 1949 n.d. 1949 1948 1948 1948 1948	File 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area Item - Sanford Area (2) Item - Valley Eroded Into Lauestrine Plain, N. of Durban Item - Field Shelterbelts, Lyleton Item - Cultivation of Stubble, Brandon	1949 n.d. 1949 n.d. 1949 1948 1948 1948 1948	File 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area Item - Sanford Area (2) Item - Valley Eroded Into Lauestrine Plain, N. of Durban Item - Field Shelterbelts, Lyleton Item - Cultivation of Stubble, Brandon Area	1949 n.d. 1949 n.d. 1949 1948 1948 1948 1948 1948	File 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area Item - Sanford Area (2) Item - Valley Eroded Into Lauestrine Plain, N. of Durban Item - Field Shelterbelts, Lyleton Item - Cultivation of Stubble, Brandon Area Item - Burning of Combined Stubble, S.	1949 n.d. 1949 n.d. 1949 1948 1948 1948 1948	File 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area Item - Sanford Area (2) Item - Valley Eroded Into Lauestrine Plain, N. of Durban Item - Field Shelterbelts, Lyleton Item - Cultivation of Stubble, Brandon Area Item - Burning of Combined Stubble, S. of High Bluff	1949 n.d. 1949 n.d. 1949 1948 1948 1948 1948 1948 1948	File 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area Item - Sanford Area (2) Item - Valley Eroded Into Lauestrine Plain, N. of Durban Item - Field Shelterbelts, Lyleton Item - Cultivation of Stubble, Brandon Area Item - Burning of Combined Stubble, S. of High Bluff Item - Roadside Cutting, Birtle (2)	1949 n.d. 1949 n.d. 1949 1948 1948 1948 1948 1948 1948 1948	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area Item - Sanford Area (2) Item - Valley Eroded Into Lauestrine Plain, N. of Durban Item - Field Shelterbelts, Lyleton Item - Cultivation of Stubble, Brandon Area Item - Burning of Combined Stubble, S. of High Bluff Item - Roadside Cutting, Birtle (2) Item - Manure Spread to Stop Soil	1949 n.d. 1949 n.d. 1949 1948 1948 1948 1948 1948 1948	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area Item - Sanford Area (2) Item - Valley Eroded Into Lauestrine Plain, N. of Durban Item - Field Shelterbelts, Lyleton Item - Cultivation of Stubble, Brandon Area Item - Burning of Combined Stubble, S. of High Bluff Item - Roadside Cutting, Birtle (2)	1949 n.d. 1949 n.d. 1949 1948 1948 1948 1948 1948 1948 1948	F116 0002
	Item - Stony Area Foot of Riding Mountain Item - Foot of Riding Mountain, Stony Area Item - Straw Baled with Pick-Up Bailer, W. of Portage Item - Water Wheel on River, E. of Roblin Item - Misses Gladys and Dorothy Rachnell Breaking Sod, Makinak Item - Erosion on Plowed Field, Sanford Area (2) Item - Fill-In Drain, Sanford Area Item - Sanford Area (2) Item - Valley Eroded Into Lauestrine Plain, N. of Durban Item - Field Shelterbelts, Lyleton Item - Cultivation of Stubble, Brandon Area Item - Burning of Combined Stubble, S. of High Bluff Item - Roadside Cutting, Birtle (2) Item - Manure Spread to Stop Soil	1949 n.d. 1949 n.d. 1949 1948 1948 1948 1948 1948 1948 1948	File 0002

7155 17, 16 17, 1416 2	TI	Tiemy Emis Tonds
	Item - Soil Drift, Culross Area	1947
	Item - Bad Roadside Cutting, Bruxelles	1947
	Area	
	Item - Flood Conditions, Hall's Bridge	1947
	Area	
	Item - Gully on Bill Parker's Farm	1947
	Item - Gully on Bill Parker's Farm	1947
	Item - Road Cutting, Birtle (2)	1947
	Item - Gully Erosion, N.W. of Alexander	1947
	Item - Damage to Diversion Ditch and	1947
	Small Dam, Alexander	1777
	Item - Small Stone Dam, La Riviere (2)	1947
	Item - Waterway that Should be Toned	1947
	Down, W. of Glenboro	1747
	Item - Gully, E. of Austin (2)	1947
	Item - Drainage Ditch Cutting and	1947
	Slippage	1747
		1947
	Item - Bole's Farm, Dauphin (2)	
	Item - North Road Allowance of Bole's	1947
	Farm Washed Out, Dauphin	1047
	Item - Bole's Farm, Dauphin (5)	1947
	Item - Farmstead Shelter Belt (2)	1945
	Item - 92 High Russian Poplar, Neepawa	1945
	Item - Aspen Poplar	n.d.
	Item - Jack Pine Plantation	1945
	Item - 87 Cottonwood, Neepawa	1945
	Item - Caragana Hedge, Neepawa	1945
	Item - Tractor, Alexander Area	1948
	Item - Various Types of Fall Cultivation	Fall 1946
	on Field 4, University	
	Item - Spring Flood, Riverdale Soil,	Spring 1947
	Wildwood Park, Ft. Garry	
	Item - Flood Waters Over Flats at	July 1947
	Brandon, Taken from 18th Street Bridge,	
	Brandon, Manitoba	
	Item - Flats Flooded by Assiniboine	July 1947
	River, Brandon, Manitoba	
	Item - View of Experimental Farm,	July 1947
	Brandon, Manitoba, South of Valley	
	Road, Taken from 18th Street, 175 Acres	
	of Land on this Farm were Under Water	
	from Overflow of Assiniboine River	
	Item - Harvesting Irrigated Alfalfa,	1947
	Brandon Mental Hospital, Brandon,	
	Manitoba	
	Item - Erosion on the Parker Farm, Ste.	Spring 1947
	Agathe, Manitoba	
	Item - Soil Creep Into Gully on the	Spring 1947
	Parker Farm, Ste. Agathe	
	Item - Culvert with Outlet Protection	n.d.
	Item - Culvert with No Outlet Protection	n.d.
	Item - Seeded Down Runway Near Ste.	1946
	Agathe, Manitoba on Red River Clay	
	-	

Item - Gully in Turtle Mountain District	1946	
Before Stabilizing (Ramsay's Farm)		
Item - Gully on Ramsay's Farm After Filling In and Stabilizing	1946	
	I 1 1047	
Item - Buffer Grass Strips and Cropping	July 1947	
Strips on Farm of A.E. Yeomans,		
Alexander	-	
Item - McManes' Farm, Alexander,	1946	
Manitoba		
Item - Grass Strips on McManes' Farm,	1946	
Alexander	_	
Item - Looking Northwest Down Gully	1947	
on McManes' Farm, Alexander, Before it		
was Contour Stripped, Field in Fallow		
Item - Incipient Gully Erosion Following	July 1947	
Cultivator Tracks Down Hill, McManes		
Farm, Alexander		
Item - Alfalfa and Grass Sodded	July 1947	
Runway, McManes' Farm, Alexander		
Item - Buffer Strips of Grass, Farm	July 1947	,
of J. McManes and Sons, Alexander,	-	
Manitoba		
Item - Run-Off in Gully, Farm of W.	July 1947	
McKay, Alexander, Manitoba		
Item - Run-Off in Gully, Farm of W.	July 1947	
McKay, Alexander, Manitoba	•	
Item - Gully by Over-Fall Cutting in	n.d.	
Brome, Alex. Rabe's Farm		
Item - Stabilized Runway on Lundy's	July 1947	
Farm, Alexander		
Item - Run-Off After Thunderstorm,	July 1947	
Alexander		
Item - Terrain with Intense Sheet Erosion	July 1947	
on Pembina Hills Soil South of Treherne	July 1747	
Item - Ditch Filled with Silt East of	July 1947	
Bruxelles	July 1947	
Item - Erosion of Farm at Bruxelles,	1947	
Manitoba	1947	
Item - Severe Erosion East of Bruxelles,	July 1947	
Manitoba	July 1747	
	1026 1051	A 1000 044
File - Miscellaneous	1936-1951	A1980-044, Box 0009PC
		File 0003
Itam Annual Maating Assignificant	1951	1,116,0002
Item - Annual Meeting, Agricultural Institute of Canada	1731	
	1050	
Item - Professor Ellis and R.A. Hedlin,	1950	
Soils Building, University of Manitoba		1
Item - Unidentified Group of 7 Men	n.d.	
Item - Unidentified Group of 8 Men	n.d.	
Item - Unidentified Group of 7 Men	n.d.	
Item - Visit of United Kingdom Mission	1950	
to U of M		
Item - Sir William Ogg, British	1950	
Agriculture Mission, Visit to U of M		

17, 10 17, 110 2		Tiemy Emis Tones	
	Item - Glass Bottles Containing Various Minerals	n.d.	
	Item - Faculty Meeting, Morden (3)	1949	
	Item - Taken at Griswold, Courtesy of Mr. J.F. Kristganson	n.d.	
	Item - Extension Service Experimental Field	1936	
	Item - Appraisal Institute Field Day at the University	n.d.	
	Item - Pine Fall, Winnipeg River	1943	,
	Item - Rock Outcrop East of Whitemouth, Manitoba (two views)	1943	
	Item - Sand Pit at Beausejour, Manitoba, Showing Cross Bedding	1943	
	Item - Silver Falls, Winnipeg River, Manitoba	1943	
	Item - High Lime Drift Over Rock at Garson, Manitoba	n.d.	
	Item - Vegetation and Soil Profile, Grey Wooded Soil North-East of Roblin	1941	
	Item - Vegetation and Soil Profile, Grey Wooded Soil North East of Roblin	1941	
	Item - Cultivator Constructed by Mr. Ronald, Winnipeg	n.d.	
	File - Miscellaneous	1946-1948	A1980-044, Box 0009PC File 0004
	Item - Topography of Newdale Association	1948	
	Item - Phytomorphic Newdale, Southeast of 18-14-24 (two views)	1946	
	Item - Phyto-hyromorphic Newdale, Degrading Blackearth at Foot of Slope, West Side of 20-14-24	1946	
	Item - Phyto-hyromorphic, Slightly Salinized Newdale (P-H)Gs, 1.6 Miles North of 18-14-24 (East Side of 19-14-24) (two views)	1946	
	Item - PH-Hw Newdale, West Side of 20-14-24 (two views)	1946	
	Item - Shallow Phase of Knoll Phase of Newdale, N.W. 17-14-24	1946	
	Item - Slope of Rolling Phase Newdale Near Pettapiece	1946	
	Item - Poplar and Willow (PHw) Lower Slope Position, Newdale Association Near Pettapiece	1946	
	Item - Newdale Soil Association Just West and South of Crandall (three views)	1946	
	Item - Harvesting by Combine on Newdale Soil Association, North and	1946	

<u> </u>	<u>1</u>	
	Hydromorphic Newdale with Ring	1946
	low and Poplar Vegetation, Near	
	iece (two views) Photo of Stubble Field with	1946
I I	s at Skyline, Newdale Topography	1940
	Oxbow Soil Near Virden	1946
	Oxbow Landscape Five Miles	1946
I I	of Virden	1740
	Oxbow Soil West of Virden,	1946
I	ng White Knolls (two views)	
Item -	Photo of Landscape on Oxbow	1946
Soil A	ssociation, Near Willen	
	Saline Soil, Oxbow Association,	1946
	outh of Elkhorn	
	Oxbow Soil Association West	1946
I	den, Showing Topography and	
	d Hillocks (two views)	1046
I I	Lodgepole Pine on Oxbow Soil iles West of Virden, Showing	1946
	ed Growth on Calcerous Knoll,	
	the Knoll Effervesces at Surface,	
I	Servescence in the Normal Position	
	White Spruce on Oxbow Soil 7.5	1946
I I	West of Virden, Note Differential	
Growt	h on Different Sites, and Trees	
	Out in Low Alkaline Position	
I I	Heavy Carroll (P) with 12 to 14	1946
	Drifted Soil on Top, West Side of	
36-11-		
I I	PH-Gs Carroll, Just East of old, 30-9-22	1946
	Shallow Phase Carroll Silt Loam,	1946
I	Side of 22-10-22	1740
	Carroll Soil (7-10-22) Showing	1946
I I	and Gully Erosion	
Item -	Carroll Landscape, Tp. 11, Rge. 23	1946
	views)	
I	Carroll Silty Clay Loam with	1946
	in Background, Looking West on	
27-10-		1046
	Souris Loamy Sand Over Sand	1946
	Yest of Oak Lake 2-10-25 Phyto-Hydromorphic Calcareous	1946
I	ow Soil, Souris Association, South	1 <i>7</i> + U
	Lake, 14-9-24	
	Phyto-Hydromorphic Calcareous	1946
I I	Soil Looking East from West Side	
of 14-	•	
Item -	Photo of Souris Loamy Sands with	1946
Sand I	Dunes on the Skyline	
I I	Sand Dunes and Vegetation, South	1946
	x Lake	
	Tiger Hills Soil Association, (PH)	1946
Just E	ast of Cabin on No. 2 Wooded	
1	er - Grey Black or Degrading	

7188 19, 1 C 19, IVIC 2	303ерп	Tienry Ems folius	
	Blackearth, West Side of 17-8-19 (two views)		
	Item - Tiger Hills Near Lake Clementi	1946	
	Item - Vegetation, Tiger Hills, West of the Cabin on No. 2 Highway	1946	
	Item - Phytomorphic Grassland Member, Hilton Loams, in Association with Tiger Hills, West Side of 17-9-19	1946	
	Item - Scene in Tiger Hills Soil Association, Showing Vegetation and Lake Clementi	1946	-
	Item - Topography and Vegetation on Beresford Soil Association 15-9-21, East of Terrance	1946	
	Item - Shaly Marringhurst Five Miles East of Virden on River Bank	1946	
	Item - Esker-Like Ridge, 9-11-24	1946	
	Item - Salt Lake, 9-11-24	1946	
	Item - Soil on Esker, 23-10-24	1946	
	Item - Esker-Like Ridge, 23-10-24	1946	
	Item - Stony Phase of Eroded Channel East of Willen, Tributary to the Assiniboine (two views)	1946	
	Item - Assiniboine Valley West of Miniota	1946	
	Item - Photograph of Assiniboine Valley from East Bank Near Virden	1946	,
	Item - Solod Soil Showing Round- Topped Columns, in Assiniboine Valley Between Willen and Miniota	1946	
	Item - Buffer Strips of Grass and Alfalfa on the Contour	1946	
	Item - Buffer Strips on Youman's Farm, Alexander, S.E. 15-10-22 (two views)	1946	,
	Item - Stabilized Runways Seeded to Brome Grass, S.W. of 14-10-22 (three views)	1946	
	Item - Stabilized Runway and Buffer Strips of Grass and Alfalfa, Youman's Farm, Alexander, Manitoba	1946	
	Item - Stabilized Gully, 22-10-22 (two views)	1946	
	Item - Badly Drifted Area East of Scarth, 9-9-25, (S.W.) Same Location as Fig. 39, 'Soils of Manitoba' (four views)	1946	
	File - Miscellaneous	1946-1952	A1980-044, Box 0009PC File 0005
	Item - Julius Bog - Harvesting Peat	1952	
	Item - Storage Yard of the Pas Lumber Co.	1946	
	Item - Logs at Mill on Pas Highway (two views)	1946	

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	Item - Taken on Highway Just South of the Pas	July 1946
	Item - Sternwheeler Owned by the Pas	1946
	Lumber Co. Item - Burned Saw Mill on Pine Falls	n.d.
	Highway	
	Item - Storage Yard of the Pas Lumber Co.	1946
	Item - View from East Side of Section	1946
	22 Looking West, Showing Burnt Over Woods; Young Second Growth of	
	Poplar, etc., and the Banks and Channel	
	of the So-Called Trout or Friday Creek (27-37-29W)	
	Item - View in Section 20 Looking	1946
	North, Showing Grass and Young	
	Growth of Poplar and Shrubs on the	
	Gravel Ridge in the Foreground; Islands	
	of Unburnt Woods on the Smooth Boulder Till in the Central Portion; and	
	the Rise of Land in the Northern Tier of	
	Sections in the Background (20-37-29)	
	Item - Showing Roadway on East Line	1946
	Cleared of Burnt Woods by Bulldozer,	17.10
	with Invasion of Dandelions, etc.,	
	Shallow Ditch at Side of Poorly Graded	
	Road Shows the Stony Nature of the	
	Boulder Till	
	Item - View Where the So-Called Trout	1946
	or Friday Creek Enters the Area from the	
	North in Section 34, Showing Normal Vegetation of the Boulder Till Portion,	
	and the Sttoniness that Results from	
	Removal of Soil by Water	
	Item - Pine Falls Lumber Co. Plant	n.d.
	Item - View Looking West in Carrot	1946
	River Delta	
	Item - Land Clearing Camp at Birch River	1946
	Item - Bands of Peat and Silt Along the	1946
	South Banks of the Saskatchewan River	
	(three views)	
	Item - View of Saskatchewan River from	1946
	Southbank Just West of the Pas, Looking	
	West-Northwest, Location of Deposits	
	Shown in Picture No. 908 May be Seen	
	in Foreground Item - View from South Bank of Carrot	n.d.
	River, Showing Wooded Growth on	n.u.
	Southern Bank, a Cultivated Field Above	
	the North Bank and Logs Stored in the	
	River	
	Item - Barn of Partially Sawn Logs,	n.d.
	Carrot River Area	

Item - Chicken House and Part of Outbuildings	n.d.	
File - Miscellaneous	1947-1950	A1980-044, Box 0009PC File 0006
Item - P.F.R.A. Community Pasture, Saskatchewan (7)	1950	
Item - P.F.R.A. Community Pasture, Saskatchewan (4)	1950	
Item - Milk River Reclamation Project, Lethbridge, Alberta (2)	1947	
Item - Ranch Area, Southern Saskatchewan	1949	
Item - Cypress Lake, Saskatchewan	1949	
Item - Terrain Above Cypress Lake, Saskatchewan	1949	,
Item - Artificial Lake in Cypress Hills Reserve, Saskatchewan	1949	1
Item - Irrigating with Aluminum Pipe Spray System, Swift Current	1949	
Item - East End Irrigation Project, Saskatchewan	1949	,
Item - Geological Formations at Porthole Dam, Alberta	1949	1
Item - Irrigation Project at Frenchman River, Saskatchewan	1949	
Item - Spillway at Pothold Dam	1949	
Item - St. Mary's Dam in Process of Construction	1949	
Item - Outlet from Diversion Tunnel, St. Mary's Dam	1949	
File - Miscellaneous	1947-1951	A1980-044, Box 0010PC File 0001
Item - Manitoba Farm Loan Inspector's Trip - Eroded Gully, Alexander	1951	
Item - Manitoba Farm Loan Inspector's Trip - Grass Buffer Strip, Alexander	1951	
Item - Alexander Spillway	1951	
Item - Farm, Alexander (3)	1951	
Item - Alexander Spillway, 1950 (6)	1950	
Item - Gully Erosion Near Spillway, Alexander	1947	,
Item - Gully Through Grain, S. of Benito	1947	
Item - Strip Copping, Farm, Alexander	1948	
Item - Contour Strips, Alexander	1948	
Item - Farm, Alexander	1948	
Item - Buffer Strips, Alexander	1948	
Item - National Film Board Taking Shots	1948	
at Alexander		
Item - Farm, Alexander	1948	
Item - Contour Strip Cropping, Alexander	1948	

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	Item - Hay Cut on Buffer Grass Strips, Alexander	1948	
	Item - McManes Spillway (3)	1949	
	Item - Alexander (3)	1949	
	Item - Erosion on Manes Spillway	1949	
	Item - McManes, After Spillway had	n.d.	
	Washed Out		
	Item - Alexander (4)	1949	
	Item - Remains of Spillway on McManes	1949	
	Farm, Alexander		
	Item - Siltation in Runway, Shea Farm,	1949	
	Alexander		
	Item - Gully on Shea Farm	1949	
	Item - Accumulation of Silt on Shea	1949	
	Farm, Alexander	2,0,0	
	Item - Erosion and Siltation, Shea Farm,	1949	
	Alexander	2,0,0	
	Item - Erosion on the McKay Farm,	1949	
	Alexander		
	Item - Gullying in Crop Land, Alexander	1949	
	Item - Erosion at Alexander	1949	
	Item - Soil Conservation Dam and Outlet	1949	
	Pipes, Alexander	1949	
	File - Miscellaneous	1949	A1980-044,
	The - Wiscentaneous	1747	Box 0010PC
			File 0002
	Item - Kenville Soils	1950	1110 0002
	Item - Test Plots on Kamarno Soils,	1950	
	Ashern	1730	
	Item - Cobbly Cultivated Field, Ashern	1950	
	Item - Barley Field, Ashern	1950	
	File - Miscellaneous	1948, 1950	A1980-044,
	The - Wiscentaneous	1940, 1930	Box 0010PC
			File 0003
	Item - Phytomorphic Waskada Soil	1948	1110 0003
	Profile	1940	
	Item - Phytomorphic Newdale, Soil	n.d.	
	Profile	n.a.	
	Item - Phytomorphic Darlingford Soil	1948	
	Profile	1946	
	Item - Podzolic Sandy Soil, Beausejour	1950	
	Area	1930	
	Item - Clay Podzolic Soil, W. of West	1950	
	Hawk Lake	1930	
	Item - Tree Nursery, Sandilands Forest	1950	
	Reserve	1930	
	Item - Clay Podzolic Soil, W. of West	1950	
	Hawk Lake	1730	
	Item - Clay Podzolic Soil, W. of West	1950	
	Hawk Lake	1 <i>7J</i> U	
	Item - Sandy Podzol, W. of West Hawk	1950	
	Lake	1 <i>7J</i> U	
	Item - Podzolic Soil, W. of West Hawk	1950	
	I Item - Fouzone Son, w. of West Hawk	17JU	
	Lake (2)		

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	Item - Grey Wooded Soil, Duck Mountain Area (2)	1950	
	Item - Clay Podzolic Soil, W. of West Hawk Lake (2)	1950	
	Item - Walkerburn Fine Loam	1950	,
	Item - Podzolic Soils, Marchand (2)	1950	
	Item - Brown Podzolic Soil Profile, E. of	1950	
	Lockport		
	Item - Sugar Beet Experiment, Steinbach	1950	
	File - Miscellaneous	1953	A1980-044,
			Box 0010PC File 0004
	Item - Soil Correlation Party, Falcon Lake Area	1953	
	Item - Profile of Darlington Loam	1953	
	Item - Profile of Sperling Loam, N.E. of	1953	
	Carman		
	Item - Profile of Whitemouth Loam, N. of Whitemouth	1953	
	Item - Profile of Podzol, Laurentian Shield Country	1953	
	Item - Grey Wooded Soil, E. of Winnipeg (3)	1953	
	Item - Granite Boss, Laurentian Shield Country	1953	
	Item - Profile of Ft. Garry Clay, Ft. Whyte, MB	1953	
	Item - Profile of Ft. Garry Clay, Ft. Whyte, MB	1953	
	Item - Profile of Ft. Garry Clay, Ft. Whyte (2)	1953	
	Item - Profile of Emerson Loam	1953	
	Item - Field Party Examining Profile of Emerson Loam, Emerson Area	1953	
	Item - Landscape of Emerson, Red River and Related Soil, Emerson Area	1953	
	Item - Profile of Pelan Loam, E. of Dominion City	1953	
	Item - Profile of Garson Soil, W. of Vita	1953	
	Item - Profile of Pine Ridge Loamy Fine Sand, E. of Vita	1953	
	Item - Profile of Nereson Fine Sand Loam, Roseau County	1953	
	Item - Profile of Chilgren Fine Sand Loam, Roseau County	1953	
	Item - Profile of Faunce Sand, Roseau County	1953	
	Item - Profile of Chilgren Loam, Lake of the Woods County, Minnesota	1953	
	Item - Profile of Gameland Soil, N. of Rainy River, Ontario	1953	
	Item - Profile of Atwood Catena Soil, S.W. of Ft. Francis, Ontario	1953	

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	Item - Profile of Grey Wooded Soil, S.W.	1953
	of Ft. Francis, Ontario (2)	
	Item - Profile of Wet Regosol, S.W. of Ft. Francis, Ontario	1953
	1	1052
	Item - Profile of Taylor Silt Loam, Koochiching County, Minnesota	1953
		1052
	Item - Profile of Mizpah Loamy Fine Sand, Koochiching County, Minnesota	1953
		1052
	Item - Profile of Nibish Loam, Koochiching County, Minnesota	1953
		1953
	Item - P.R. McMiller and Iver Nygard	1955
	Examining Profile of Nebish Loam	1052
	Item - Profile of Grey Wooded Soil,	1953
	Itaska County, Minnesota	1072
	Item - Profile of Podzol and Brown	1953
	Podzolic Soils in Roadcut, Minnesota	10.72
	Item - Profile of Podzol, Itaska County, Minnesota	1953
	Item - Profile of Podzol, Itaska County,	1953
	Minnesota	
	Item - Profile of Podzol, E. of Jacobson,	1953
	Minnesota	
	Item - Profile of Podzol, E. of Jacobson,	1953
	Minnesota	
	Item - Profile of Podzol, Gray Wooded	1953
	Soil, St. Louis County, Minnesota	
	Item - Profile of Nokay Loam, Crow	1953
	Wing County, Minnesota	
	Item - Profile of Hibbing Soil, Crow	1953
	Wing County, Minnesota	
	Item - Profile of Menagha Sand, Crow	1953
	Wing County, Minnesota	
	Item - Profile of Claron Loam, Kandiyohi	1953
	County, Minnesota	
	Item - Landscape in Clarion-Webster	1953
	Soils Area, E. of Willmar, Minnesota	
	Item - Member of Field Party on	1953
	International Soils Study Tour,	
	Kandiyoki County, Minnesota	
	Item - Examining Exposure of Clarion	1953
	Loam, Kandiyohi County, Minnesota	
	Item - Discussing Exposure of Clarion	1953
	Loam, Profile, Kandiyoki County,	
	Minnesota	
	Item - Guy D. Smith Looking for	1953
	"Tonhautchen" in Clairon Foam,	
	Kandiyaki County, Minnesota	
	Item - Canadian Members of Field Party	1953
	on International Soils Study Tour	
	Item - Manitoba Members of Field Party	1953
	on International Soils Study Tour	
	Item - Field Party Attending International	1953
	Soil Study Tour	

Item - Profile of Lester Loam, McLeod County, Minnesota	1953	
File - Miscellaneous	1948-1951	A1980-044, Box 0010PC File 0005
Item - Black and White Cow Turning Grey, Thunder Hill	1951	
Item - Hereford Yearling in Non- Affected Area	1951	
Item - Calf Affected with Scours, Thunder Hill	1951	
Item - Unthrifty Cattle in Pasture, Thunder Hill	1951	
Item - Outwash, Thunder Hill	1951	
Item - Soil Profile, Davidson	1950	
Item - Etomami Phytomorphic Associate	1950	,
Item - Grain in Porcupine Mountain	n.d.	
Item - Lenswood Sandy Loam	1950	
Item - Lenswood Sandy Loam	1950	
Item - Farmyard, N. of Pelly, Saskatchewan	1950	
Item - Soil Profile	1950	,
Item - Soil Profile	1950	,
Item - Soil Profile	1950	
Item - Soil Profile	1950	
Item - Burned Over Area in Porcupine	1950	
Hills	-	
Item - View N.E. from Minitonas Hill	1950	
Item - Bulldozed Field	1950	
Item - Cropped Fields Between Bulldoze and Windrows	1950	
Item - Farmstead	1950	
Item - Barley Field	1950	
Item - Deep Seeded Ravine, N. of Benito	1950	
Item - Deep Seeded Ravine, N. of Benito	1950	·
Item - Sandy Loam Profile, Bowsman River Area	n.d.	
Item - Former Gopher Action, S. of Bowman River	1949	
Item - Grey-Black Soil Near Bowsman River Showing Old Gopher Action	n.d.	
Item - Rolling Topography in Swan River District, Thunder Hill Area	1948	
File - Miscellaneous	1950	A1980-044, Box 0010PC File 0006
Item - Farm During Flood, Brunkild	1950	
Item - Red River in Flood, Riverwood Avenue	1950	
Item - Park Field, College Farm, as Water Receding	1950	
Item - Pembina Highway Flood	1950	
Item - Park Field, College Farm, as	1950	
Water Receding	1730	

Item - Farm During Flood, Brunkild	1950	
Item - Flood Looking North from Soils Building	1950	
Item - Flood Looking N.W. from Soils Building	1950	
Item - Fort Garry Campus Falling N.E. from Soils Building	1950	
File - Miscellaneous	1950-1953	A1980-044, Box 0010PC File 0007
Item - Map of S. Manitoba Showing Physiographic Areas	n.d.	
Item - 1st Fairway, Glendale Golf Course	1953	
Item - 1st Fairway, Glendale Golf Course	1953	
Item - 1st Fairway, Glendale Golf Course	1953	
Item - Typical Type of Slough in Pierson Area	1951	
Item - Waskada Soil N. of Goodlands	1952	
Item - At Edge of Salt Lake (S.W. of Strathclair)	1951	
Item - Along No. 4 Highway Between Woodside and Westbourne	1952	
Item - Surface Efflorescence of Salts, S. of Deloraine	1951	
Item - Old Salt Well, N. of Red Deer River	1950	
Item - Salt Vegetation of Shore of Dawson Bay	1950	
Item - Old Salt Well, N. of Red Deer River	1950	
File - Miscellaneous	1949-1951	A1980-044, Box 0010PC File 0008
Item - Irrigating Sugar Beets, Middlechurch	1951	
Item - Grain Fertility Field, University of Manitoba	1951	
Item - Samples of Hay, La Broquerie	1949	,
Item - Applying Fertilizer, Steinbach	1950	
Item - Sugar Beet Experiment, Steinbach	1950	,
File - Miscellaneous	1951-1954	A1980-044, Box 0010PC File 0009
 Item - Lysimeter on Gravel Ridge, Arden	1954	
Item - Ridge Service Station, Campbell Beach Near No. 4 Highway	1954	
 Item - Back Lane, Arden	1954	
Item - Back Lane Accumulation, Arden	1954	
 Item - Farmstead, Arden	1954	
Item - Lysimeter in Alfalfa-Grass Mixture	1954	
Item - Lysimeter Site in Brome Field	1954	
Item - Lysimeter Site in Brome Field	1954	

	-		
	Item - Lysimeter Site in Fallow Field	1954	
	Item - Cover Over Pit in Summer Fallow Field	1954	
	Item - Growth of Mushrooms at	1954	
	Lysimeter Site	1070	
	Item - Catchment Pans	1953	
	Item - Catchment Pans	1953	
	Item - Catchment Pans	1953	
	Item - Pond Looking S. to Privy and House Yard	n.d.	
	Item - Nitrate Study Plot	1953	
-	Item - Profile of Almasippi Soil	1951	
	Item - Profile of Almasippi Soil	1951	
	Item - Looking E. from Langruth Dugout	n.d.	
	and Reservoir	n.u.	
	Item - Pond Showing Unsanitary Surroundings	n.d.	
	Item - Pond and Farmyard, Neepawa	1951	
	Area	-	
	Item - Farmyard on Street Farm, Austin	n.d.	
	Item - Slough in Almasippi Soil Area, E. of Neepawa	n.d.	
	Item - Swimming Hole Dugout in Almasippi Soil, Neepawa Area	1951	
	Item - Cemetary S. of Langruth	n.d.	,
	Item - Dugout Immediately W. of	n.d.	 ,
	Cemetary		
	Item - View of Langruth Village Dugout and Reservoir	n.d.	
	Item - Pond in Farmyard of Street Farm, Austin	1951	
	Item - Village Dugout at Langruth	n.d.	'
	Item - Testing Ground-Water for Nitrates, Neepawa Area	1951	
	File - Miscellaneous	1952, n.d.	A1980-044, Box 0010PC File 0010
	Item - Podzol Developing in Grey Wooded Soil, Rice Lake Area	n.d.	
	Item - Grey Wooded Profile	1952	
	Item - Clay Profile, West Hawk Lake	n.d.	,
	Area		
	Item - Grey Wooded Clay Profile, West Hawk Lake Area	1952	
	Item - Sandy Podzol, E. of Kenora	n.d.	-
	Item - Miscellaneous	1954, n.d.	A1980-044,
	Tem - Miscenaneous	170 7 , II. u .	Box 0010PC File 0011
	Item - Campbell Beach or Arden Ridge at Edrans	n.d.	
	Item - Sunflowers and Fallow in Alternate Strips, N. of Holland	1954	
	Item - Corn in Wide Rows, N. of Holland	n.d.	_
	Item - Agassiz Beach, E. of Arden	n.d.	,
L	, , , , , , , , , , , , , , , , , , , ,		

Item - Holland Phytomorphic Associate, N. of Holland	1954
Item - Holland Phytomorphic Associate, N. of Holland	1954
Item - Holland Phytomorphic Associate, N. of Holland	1954

Collection Mss 19, Pc 19, Mc 2-MC 2: Map Collection

Scope and content:

This collection consists of the following series: Canada and Manitoba (Various); Early Settlement and Physiographic Regions in Manitoba; Various Manitoba Municipalities; Agriculture Conferences; Charts; Manitoba Crop Values, Acreage, Fertilization, Supply Votes Distribution and Animal Units; Various Studies of Southeastern Manitoba c. 1941; Southern Manitoba Limestone Regions; Utilization of Farmland 1941-1959; Distance and Clearing Acre Value; Livestock, Grazing Leases, Permits and Price Averages; Crop Reporting Districts; Drainage in Manitoba; University of Manitoba Fertility/Crop Fields, [ca. 1919]; Pasquia Area; Piney District; The Pas, MB: Monthly Temperatures & Precipitation.

Physical description: 266 maps

Access points:

• Cartographic material (documentary form)

Publication status:

published

File / item list

Canada & Manitoba (Various)

Date: 1951, n.d. (date of creation)

Access points:

• Cartographic material (documentary form)

Publication status:

File / item list					
Ref code	Title	Dates	Access status	Container	
	Item - Manitoba (southern portion)	1951		A1980-044,	
	showing distribution of regional soils			Box 0001MC	
	Item - Total farmland in Canada, both	n.d.		A1980-044,	
	unimproved and improved.			Box 0001MC	
	Item - Manitoba (southern portion)	n.d.		A1980-044,	
	physiographic and landscape areas.			Box 0001MC	

	Item - Manitoba (southern portion)	n.d.	A1980-044,
	physiographic and landscape areas.		Box 0001MC

Early Settlement and Physiographic Regions in Manitoba

<u>Date</u>: 1811-1970, n.d. (date of creation)

Access points:

• Cartographic material (documentary form)

<u>Publication status</u>:

	File / item list			
Ref code	Title	Dates	Access status	Container
	Item - Boundaries of Manitoba	1870-1912		A1980-044,
				Box 0002MC
	Item - Boundaries of Manitoba	1870-1912		A1980-044,
				Box 0002MC
	Item - Manitoba townships showing crop	1883		A1980-044,
	season			Box 0002MC
	Item - Manitoba townships showing crop	1883		A1980-044,
	season			Box 0002MC
	Item - Boundary of area in Manitoba to	n.d.		A1980-044,
	which the prairie farm rehabilitation act			Box 0002MC
	applied in the earlier years.			
	Item - Manitoba counties as grouped into	1884-1886		A1980-044,
	crop reporting districts			Box 0002MC
	Item - Province of Manitoba	[ca. 1871]		A1980-044,
				Box 0002MC
	Item - Red River Settlement lots	1814	,	A1980-044,
	surveyed by Peter Fidler			Box 0002MC
	Item - Big Eddy Settlement	1959		A1980-044,
				Box 0002MC
	Item - Selkirk Settlers route to Red River	1812-1813		A1980-044,
	and subsequent crops			Box 0002MC
	Item - Manitoba showing crown lands as	n.d.		A1980-044,
	dominant.			Box 0002MC
	Item - Physiographic regions and	n.d.		A1980-044,
	landscape areas.			Box 0002MC
	Item - Physiographic regions of	n.d.		A1980-044,
	Manitoba.			Box 0002MC
	Item - Physiographic regions of	n.d.	,	A1980-044,
	Manitoba, figure 1			Box 0002MC
	Item - Forest areas of Manitoba.	n.d.	,	A1980-044,
				Box 0002MC
	Item - Assiniboia boundaries	1811-1834		A1980-044,
				Box 0002MC
	Item - Manitoba crown lands: categorical	n.d.	,	A1980-044,
	disposition			Box 0002MC
	Item - Manitoba: land utilization	n.d.		A1980-044,
				Box 0002MC

Item - Topographic map of Winnipeg and	n.d.	A1980-044,
surrounding districts.		Box 0002MC
Item - Manitoba main, undeveloped and	n.d.	A1980-044,
pioneer agricultural areas		Box 0002MC
Item - Manitoba rural development area.	n.d.	A1980-044,
		Box 0002MC
Item - Manitoba areas to which A.R.D.A.	n.d.	A1980-044,
and F.R.E.D. agreements applied		Box 0002MC
Item - Manitoba areas to which A.R.D.A.	n.d.	A1980-044,
and F.R.E.D. agreements applied		Box 0002MC
Item - Mean of supply votes during the	1871-1970	A1980-044,
component sessions of each legislature		Box 0002MC
for the administration and maintenance of		
all departments of provincial government		
(exclusive of capital expenditures and		
statutory commitments)		_
Item - Mean of supply votes during the	n.d.	A1980-044,
component sessions of each legislature		Box 0002MC
for the administration and maintenance		
of the agricultural department of the		
province.		
Item - Physiographic regions and soil	n.d.	A1980-044,
areas.		Box 0002MC

Various Manitoba Municipalities

<u>Date</u>: [ca. 1921]-1966 (date of creation)

Physical location: UMASC

Access points:

• Cartographic material (documentary form)

Publication status:

published

Ref code	Title	Dates	Access status	Container
	Item - Farm and other population by	1941-1956		A1980-044,
	municipalities (Siglunes-Grahamdale,			Box 0003MC
	Eriksdale, Coldwell, St. Laurent, Bifrost,			
	Gimli)			
	Item - Grahamdale district 16,	1941-1956		A1980-044,
	Woodlands district 9, Rockwood district			Box 0003MC
	9, southern and northern districts			
	Item - Southeastern Manitoba population	1881-1958		A1980-044,
	of municipalities by census periods			Box 0003MC
	1881-1921 and 1921-1956.			
	Item - Population of Interlake area by	1881-1956		A1980-044,
	census periods 1981-1956.			Box 0003MC

1870-1958

File / item list

Item - Quarter-sections involved in

(exclusive of river lots)

disposal of land by various procedures

A1980-044, Box 0003MC

Item - Population of unit areas (Bifrost,	1901-1956	A1980-044,
Siglunes-Grahamdale, Coldwell,		Box 0003MC
Eriksdale) cresting in 1921 (census		
periods 1901-1956).		
Item - Same as above but including	n.d.	A1980-044,
Rockwood, Armstrong-Fisher, Gimli,		Box 0003MC
Woodlands, St. Laurent.		
Item - Farm and other populations by	1941-1956	A1980-044,
municipalities (Hanover, La Broquerie,		Box 0003MC
Ste. Anne, Tache, Piney-Reynolds-		
Unorganized, Stuartburn, De Salaberry,		
Franklin)		
Item - Population of Interlake area	1871-1961	A1980-044,
		Box 0003MC
Item - Population of Westlake area	1871-1961	A1980-044,
		Box 0003MC
Item - Gleyed grey wooded soils for Part	n.d.	A1980-044,
Township 17, Range 8, E Manitoba.		Box 0003MC
Item - Number of farm units, acres under	1966	A1980-044,
cultivation and improved pasture of the		Box 0003MC
Interlake area (census).		
Item - Block diagram of area covered by	n.d.	A1980-044,
the R.M. of Dufferin showing surface		Box 0003MC
deposits and underlying rock strata.		
Item - Black print of same.	n.d.	A1980-044,
		Box 0003MC
Item - Soil association map of Turtle	n.d.	A1980-044,
Mountain forest reserve, community		Box 0003MC
pasture and grazing permittees' farms.		

Agriculture Conferences

Date: 1920-1961 (date of creation)

Access points:

• Cartographic material (documentary form)

Publication status:

published

File / item list					
Ref code	Title	Dates	Access status	Container	
	Item - Registered attendance at Manitoba	1920-1960		A1980-044,	
	Agronomists Conference			Box 0004MC	
	Item - Manitoba Agronomists	1920-1960		A1980-044,	
	designation and continuity of committees			Box 0004MC	
	Item - Types of agriculture indicated by	1961		A1980-044,	
	class of crops, in percent, on "improved"			Box 0004MC	
	farmland (1961 census)				

Charts

Date: [ca. 1945], n.d. (date of creation)

Access points:

• Cartographic material (documentary form)

<u>Publication status</u>:

published

File / item list					
Ref code	Title	Dates	Access status	Container	
	Item - Hierarchy of Dept. of Agriculture		,	A1980-044,	
	& Immigration, 1875-1954			Box 0005MC	
	Item - Hierarchy of Dept. of Agriculture			A1980-044,	
	& Immigration, 1875-1954			Box 0005MC	
	Item - Summary outline of individual			A1980-044,	
	and government responsibility for land			Box 0005MC	
	and surface water management and				
	of federal-provincial cooperation as a				
	national land and water conservation				
	policy				
	Item - Southeastern Manitoba annual			A1980-044,	
	production of lumber (million board			Box 0005MC	
	feet), pulpwood, fuelwood and other cord				
	products and annual production of piece				
	products and round timber.				

Manitoba Crop Values, Acreage, Fertilization, Supply Votes, Distribution and Animal Units

Access points:

• Cartographic material (documentary form)

Publication status:

File / item list				
Ref code	Title	Dates	Access status	Container
	Item - Agricultural land use by crop reporting districts	1952-1957		A1980-044, Box 0006MC
	Item - Agricultural land use by crop reporting districts	1952-1957		A1980-044, Box 0006MC
	Item - Internal carryover of wheat	1935-1970		A1980-044, Box 0006MC
	Item - Five-year moving average of production and disposition of western Canadian wheat	1939-1970		A1980-044, Box 0006MC
	Item - Western Canadian wheat disposition	1935-1970		A1980-044, Box 0006MC
	Item - Western Canadian wheat supply	1935-1970		A1980-044, Box 0006MC

 Item - Manitoba Agricultural College	1925-1959	A1980-044,
supply vote 1906-1924 and Department of Agriculture supply vote		Box 0006MC
Item - Farm land under cultivation by	1883-1968	A1980-044,
periods		Box 0006MC
Item - Number of milk cows by years	1925-1959	A1980-044,
		Box 0006MC
Item - Number of cattle other than milk	1925-1959	A1980-044,
cows by years		Box 0006MC
Item - Number of livestock pastured by	1938-1962	A1980-044,
years at Turtle Mountain forest reserve		Box 0006MC
Item - Guide for textural classification	n.d.	A1980-044,
(percent clay, silt and sand).		Box 0006MC
Item - Frequency distribution of yields	[1960]	A1980-044,
of wheat samples taken by W. Ferguson		Box 0006MC
from area selected for alkai soil studies		
on farm of Nikolychuk		
Item - Estimated value of net agricultural	1925-1959	A1980-044,
production		Box 0006MC
Item - Provincial mean yield of wheat	1908-1956	A1980-044,
by years and average price per bushel at		Box 0006MC
point of shipment		
Item - Number of pigs in relation to acres	1896-1956	A1980-044,
of barley		Box 0006MC
Item - Yield of wheat per acre and five-	1925-1959	A1980-044,
year moving average yields		Box 0006MC
Item - Fertilizer applied to wheat stubble	1958	A1980-044,
		Box 0006MC
Item - Fertilizer applied to wheat on	1958-1959	A1980-044,
fallow (two year average)		Box 0006MC
Item - Fertilizer applied to wheat on	1958-1959	A1980-044,
stubble		Box 0006MC
Item - Fertilizer applied to wheat fallow	1958	A1980-044,
		Box 0006MC
Item - Gross acre value of wheat crop by	1908-1955	A1980-044,
years		Box 0006MC
Item - Cultivated acreage by census	1881-1956	A1980-044,
periods		Box 0006MC
Item - Cultivated acreage and population	1831-1956	A1980-044,
from the period of Red River Settlement		Box 0006MC
to the 1950s		
Item - Wheat, oats, barley and flax in	1886-1956	A1980-044,
percent of total grain acreage averages		Box 0006MC
for five-year periods ending in census		
years Item - Animal units and acres of grasses	1893-1956	A1980-044,
and legumes averaged by five-year	10/3 1/30	Box 0006MC
periods		Box occome

Various Studies of Southeastern Manitoba

Date: [ca. 1941], n.d. (date of creation)

Access points:

• Cartographic material (documentary form)

Publication status:

published

File / i	tem list
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Ref code	Title	Dates	Access status	Container
	Item - Rock formations in the Stony			A1980-044,
	Mountain, Amaranth and Red River			Box 0007MC
	districts.			
	Item - Increase or decrease in population	1941-1956		A1980-044,
	by townships of Hanover, Whitemouth,			Box 0007MC
	Reynolds, Unorganized, La Broquerie,			
	Franklin, De Salaberry, Stuartburn,			
	Tache, Ste. Anne and Piney over 15 years			
	Item - Contour map of southeastern			A1980-044,
	Manitoba (detail from sectional maps			Box 0007MC
	from Topographical Survey of Canada).			
	Item - Soil zones in southeastern			A1980-044,
	Manitoba.			Box 0007MC
	Item - Approximate location of critical			A1980-044,
	strandlines at Glacial Lake Agassiz			Box 0007MC

Southern Manitoba Limestone Regions

<u>Date</u>: n.d. (date of creation)

Access points:

• Cartographic material (documentary form)

Publication status:

published

File / item list

Ref code	Title	Dates	Access status	Container
	Item - Interlake high lime region	n.d.		A1980-044,
	(including Upper Assiniboine Delta).			Box 0008MC
	Item - Limestone region by cross-section	n.d.		A1980-044,
	between townships showing altitudes and			Box 0008MC
	underlying rock formations.			
	Item - Limestone region by cross-section	n.d.	·	A1980-044,
	between townships showing altitudes and			Box 0008MC
	underlying rock formations.			
	Item - High Lime region showing Central	n.d.	;	A1980-044,
	Laucstrine Basin, Southeastern (Lake			Box 0008MC
	Terrace) Complex, Western Uplands			
	Region, Valders Drift Region and Pre-			
	Cambrian region.			
	Item - High Lime region showing Central	n.d.		A1980-044,
	Laucstrine Basin, Southeastern (Lake			Box 0008MC
	Terrace) Complex, Western Uplands			

Region, Valders Drift Region and Pre-		
Cambrian region.		
Item - High Lime region showing Central	n.d.	A1980-044,
Laucstrine Basin, Southeastern (Lake		Box 0008MC
Terrace) Complex, Western Uplands		
Region, Valders Drift Region and Pre-		
Cambrian region.		
Item - High Lime region showing Central	n.d.	A1980-044,
Laucstrine Basin, Southeastern (Lake		Box 0008MC
Terrace) Complex, Western Uplands		
Region, Valders Drift Region and Pre-		
Cambrian region.		
Item - High Lime region showing Central	n.d.	A1980-044,
Laucstrine Basin, Southeastern (Lake		Box 0008MC
Terrace) Complex, Western Uplands		
Region, Valders Drift Region and Pre-		
Cambrian region.		

Utilization of Farmland

Date: 1941-1959 (date of creation)

Access points:

• Cartographic material (documentary form)

Publication status:

File / item list				
Ref code	Title	Dates	Access status	Container
	Item - La Broquerie			A1980-044,
				Box 0009MC
	Item - Piney - Reynolds - Unorganized			A1980-044,
				Box 0009MC
	Item - Stuartburn			A1980-044,
				Box 0009MC
	Item - Ste. Anne			A1980-044,
				Box 0009MC
	Item - Tache			A1980-044,
				Box 0009MC
	Item - Hanover			A1980-044,
				Box 0009MC
	Item - De Salaberry			A1980-044,
				Box 0009MC
	Item - Franklin			A1980-044,
				Box 0009MC
	Item - Morton			A1980-044,
				Box 0009MC
	Item - Winchester			A1980-044,
				Box 0009MC
	Item - Whitewater			A1980-044,
				Box 0009MC

Item - St. Laurent	A1980-044,
	Box 0009MC
Item - Armstrong - Pt. Fisher	A1980-044,
	Box 0009MC
Item - Gimli	A1980-044,
	Box 0009MC
Item - Coldwell	A1980-044,
	Box 0009MC
Item - Eriksdale	A1980-044,
	Box 0009MC
Item - Pt. Grahamdale	A1980-044,
	Box 0009MC
Item - Rockwood	A1980-044,
	Box 0009MC
Item - Siglunes - Pt. Grahamdale	A1980-044,
	Box 0009MC
Item - Woodlands	A1980-044,
	Box 0009MC
Item - Bifrost	A1980-044,
	Box 0009MC
 Item - Present utilization of farmland on	A1980-044,
farms of permittees located in "Plains	Box 0009MC
Region".	
Item - Utilization of farmland on farms of	A1980-044,
 permittees located in "Forest Area".	Box 0009MC

Distance and Clearing Acre Value

<u>Date</u>: n.d. (date of creation)

Access points:

• Cartographic material (documentary form)

Publication status:

published

File / item list						
Ref code	Title	Dates	Access status	Container		
	Item - Percent of reduction from basic acre value to compensate for clearing overburden and breaking.	n.d.		A1980-044, Box 0010MC		
	Item - Amount to be subtracted from basic acre value for distance from market.	n.d.		A1980-044, Box 0010MC		

Livestock, Grazing Leases, Permits and Price Averages

<u>Date</u>: [ca. 1957-1961?] (date of creation)

Access points:

• Cartographic material (documentary form)

Publication status:

published				
File / item list				
Ref code	Title	Dates	Access status	Container
	Item - Forest reserves, community pastures and crown land leased for hay and grazing	1956-1957		A1980-044, Box 0011MC
	Item - Number of horses on farms by years	1925-1959		A1980-044, Box 0011MC
	Item - Number of swine and sheep by years	1925-1959		A1980-044, Box 0011MC
	Item - Number of hay permits, grazing permits and grazing leases on crown lands	1930-1961		A1980-044, Box 0011MC
	Item - Grazing leases on crown land	1930-1961		A1980-044, Box 0011MC
	Item - Grazing permits on crown land	1930-1961		A1980-044, Box 0011MC
	Item - Revenue from hay permits, grazing permits and grazing leases on crown land	1930-1961		A1980-044, Box 0011MC
	Item - Utilization of revenue-bearing crown grasslands	1930-1961		A1980-044, Box 0011MC
	Item - Average price of cattle (calves, stockers and feeders) at St. Boniface stock yards	1930-1961		A1980-044, Box 0011MC
	Item - Average price of cattle (steers and all grades of cattle) at St. Boniface stock yards	1930-1961		A1980-044, Box 0011MC
	Item - Sliding scale of grazing lease rentals: based on Alberta system	n.d.		A1980-044, Box 0011MC
	Item - Average daily gain in liveweight of cattle in Birch River Pasture	1961-1962		A1980-044, Box 0011MC
	Item - Sliding scale of grazing lease rentals: Saskatchewan system rates.	1960		A1980-044, Box 0011MC
	Item - Sliding scale of grazing lease	n.d.		A1980-044,

n.d.

n.d.

Crop Reporting Districts

Date: [ca. 1960?] (date of creation)

Access points:

• Cartographic material (documentary form)

rentals: Proposed and former rental (5

classes of no. of head per 1/4 section) Item - Sliding scale of grazing lease

rentals: Proposed and former rental (5

classes of no. of head per 1/4 section)

animal husbandry in Britain.

Item - Residual effect of early methods of

Box 0011MC

A1980-044,

A1980-044,

Box 0011MC

Box 0011MC

ss 19, Pc 19, Mc 2	Joseph Henry Ellis fonds			
Publication status published	:			
	File / ite	em list		
Ref code	Title	Dates	Access status	Container
	Item - Agricultural land use by crop reporting districts, 1952-1957			A1980-044, Box 0012M0
Access points:	f grain crops by years: Distri material (documentary form)	cts (1921-196)	
published	File / ite	em list		
			Access status	Container
	File / ite Title Item - No. 1 - Melita	em list Dates	Access status	,
	Title		Access status	A1980-044, Box 0012M A1980-044,
	Title Item - No. 1 - Melita		Access status	A1980-044, Box 0012M A1980-044, Box 0012M A1980-044,
	Title Item - No. 1 - Melita Item - No. 2 - Killarney		Access status	A1980-044, Box 0012Me A1980-044, Box 0012Me A1980-044, Box 0012Me A1980-044,
	Title Item - No. 1 - Melita Item - No. 2 - Killarney Item - No. 3 - Red River		Access status	A1980-044, Box 0012Me
	Title Item - No. 1 - Melita Item - No. 2 - Killarney Item - No. 3 - Red River Item - No. 4 - Winnipeg		Access status	A1980-044, Box 0012Me A1980-044, Box 0012Me A1980-044, Box 0012Me A1980-044, Box 0012Me
published Ref code	Title Item - No. 1 - Melita Item - No. 2 - Killarney Item - No. 3 - Red River Item - No. 4 - Winnipeg Item - No. 5 - Springfield		Access status	A1980-044, Box 0012Me A1980-044, Box 0012Me A1980-044, Box 0012Me A1980-044, Box 0012Me A1980-044, Box 0012Me

Average yield of grain crops by years: Districts (1921-1962)

Access points:

Cartographic material (documentary form)

<u>Publication status</u>:

		File / item list		
Ref code	Title	Dates	Access sta	tus Container
	Item - No. 9 - Neepawa			A1980-044,
				Box 0012MC

Average yield of grain crops by years: Districts (1921-1961)

Access points:

• Cartographic material (documentary form)

<u>Publication status</u>:

published

	File / item list					
Ref code	Title	Dates	Access status	Container		
	Item - No. 10 - Russell			A1980-044,		
				Box 0012MC		
	Item - No. 11 - Dauphin			A1980-044,		
				Box 0012MC		
	Item - No. 12 - "Mid-Lake"			A1980-044,		
				Box 0012MC		
	Item - No. 12 - "Mid-Lake" (acreages	3		A1980-044,		
	of various classes of crops by years,			Box 0012MC		
	1921-1960)					
	Item - No. 13 - Swan River			A1980-044,		
				Box 0012MC		
	Item - No. 14 - West Shore (acreages)		A1980-044,		
				Box 0012MC		
	Item - No. 15 - West Shore (average			A1980-044,		
	yield)			Box 0012MC		

Drainage in Manitoba

Date: [ca. 1961] and n.d. (date of creation)

Access points:

• Cartographic material (documentary form)

Publication status:

File / item list					
Ref code	Title	Dates	Access status	Container	
	Item - Bearings of glacial stria indicating	n.d.		A1980-044,	
	changing directions of glacial ice			Box 0013MC	
	Item - Indications of the principles	n.d.		A1980-044,	
	involved in improving the drainage of the			Box 0013MC	
	fluted till-plain in the high-lime region of				
	Manitoba where land has been alienated.				
	Item - "V" and "W" field and parallel	n.d.		A1980-044,	
	field drains.			Box 0013MC	
	Item - Soil moisture regime under free	1961		A1980-044,	
	drainage			Box 0013MC	

Item - Soil moisture regime under	1961	A1980-044,
retarded drainage		Box 0013MC
Item - Original/transparency of drainage	n.d.	A1980-044,
ditches in central lowlands area east of		Box 0013MC
Red River.		
Item - Map of same.	n.d.	A1980-044,
		Box 0013MC
Item - Original/transparency of	n.d.	A1980-044,
southeastern Manitoba land use problem		Box 0013MC
areas.		
Item - Map of same.	n.d.	A1980-044,
		Box 0013MC
Item - Watershed areas and drainage	n.d.	A1980-044,
maintenance systems in Manitoba's		Box 0013MC
southern portion.		

University of Manitoba Fertility/Crop Fields

Date: [ca. 1919] and 1953 (date of creation)

Access points:

• Cartographic material (documentary form)

Publication status:

published

File / item list						
Ref code	Title	Dates	Access status	Container		
	Item - Field 2 - crop management	1918		A1980-044,		
	projects, 1915-1919 and Field 4 - crop			Box 0014MC		
	sequence project					
	Item - Field 6 - fertility projects, 1919,	1919		A1980-044,		
	and Field 8 - soil cultivation projects			Box 0014MC		
	Item - Fertility field - organized 1919,	1953		A1980-044,		
	revised 1946, map date			Box 0014MC		

Pasquia Area

<u>Date</u>: [ca. 1954-1965] and n.d. (date of creation)

Access points:

Cartographic material (documentary form)

Publication status:

File / item list						
Ref code	Title	Dates	Access status	Container		
	Item - Fertilizer applied to wheat on	1957-1960		A1980-044,		
	fallow			Box 0015MC		

Item - Fertilizer applied to wheat on	1958-1961	A1980-044,
fallow	1936-1901	Box 0015MC
Item - Fertilizer applied to wheat on	1957-1960	A1980-044,
stubble	1937-1900	Box 0015MC
Item - Fertilizer applied to wheat on	1958-1961	A1980-044,
stubble	1938-1901	Box 0015MC
I .	1042 1065	
Item - Land settlement project (cultivated	1942-1965	A1980-044,
acreage on leased crown lands)	1051 1054	Box 0015MC
Item - Fertilizer trials with wheat	1951-1954	A1980-044,
		Box 0015MC
Item - Land settlement project (design for	n.d.	A1980-044,
secondary drains)		Box 0015MC
Item - Comparative average yields of	1957-1962	A1980-044,
grain and oil seed crops		Box 0015MC
Item - Crop adaptation (figure 3)	n.d.	A1980-044,
		Box 0015MC
Item - Grasses vs alfalfa (figure 4)	n.d.	A1980-044,
		Box 0015MC
Item - Effect of alfalfa on subsequent	n.d.	A1980-044,
crop of oats (figure 5)		Box 0015MC
Item - Five year average yields of wheat	n.d.	A1980-044,
on stubble land (figure 6)		Box 0015MC
Item - Farmsteads raised with earth from	n.d.	A1980-044,
dugouts (figure 9)		Box 0015MC
Item - Design of market, access and	n.d.	A1980-044,
secondary roads		Box 0015MC
Item - Pasquia area in general	1956	A1980-044,
		Box 0015MC
Item - General map of land settlement	n.d.	A1980-044,
project		Box 0015MC
Item - High water mark	1923	A1980-044,
		Box 0015MC
Item - High water mark (Revision)	1923	A1980-044,
		Box 0015MC
Item - Signs in the Pasquia area	n.d.	A1980-044,
		Box 0015MC
Item - Reclamation: Riesen & Kuiper	1951	A1980-044,
		Box 0015MC
Item - Reclamation: Riesen & Kuiper	1951	A1980-044,
(Revision)		Box 0015MC
Item - Unsurveyed land in the Pasquia	1956	A1980-044,
area	1,00	Box 0015MC
Item - Soils of the Pasquia area	1956	A1980-044,
item soms of the rusquia area	1730	Box 0015MC
Item - Soils of the Pasquia area	1956	A1980-044,
(Revision)		Box 0015MC
Item - Reclamation: The Blackwell	1953	A1980-044,
Scheme	1700	Box 0015MC
Item - Reclamation: The Blackwell	1953	A1980-044,
Scheme (Revision)	1/33	Box 0015MC
Item - Suggested protective works,	1946	A1980-044,
Manitoba soil survey	1240	Box 0015MC
· ·	1944	A1980-044,
Item - Proposed post-war project: Carrott River settlement scheme	1744	Box 0015MC
Kivei settiement scheme		DOX OUTSING

Item - Proposed post-war project: Carrott	1944	A1980-044,
River settlement scheme (Revision)		Box 0015MC
Item - Roads	-1956	A1980-044,
		Box 0015MC
Item - Roads (Revision)	-1956	A1980-044,
		Box 0015MC
Item - Field observations by Kimball &	1951	A1980-044,
Anderson		Box 0015MC
Item - Field observations by Kimball &	1951	A1980-044,
Anderson (Revision)		Box 0015MC
Item - Plan of primary roads and drains	1957	A1980-044,
		Box 0015MC
Item - Drainage system proposed by G.F.	1956	A1980-044,
Horsey for Dominion Department of the		Box 0015MC
Interior, 1924		
Item - Drainage system proposed by G.F.	1956	A1980-044,
Horsey for Dominion Department of the		Box 0015MC
Interior, 1924 (Revision)		
Item - Drainage unit blocks	1956	A1980-044,
		Box 0015MC
Item - Drainage unit blocks (Revision)	1956	A1980-044,
		Box 0015MC
Item - Drainage unit blocks (Further	1956	A1980-044,
Revision)		Box 0015MC
Item - Dykes and drains completed	1956	A1980-044,
J J		Box 0015MC
Item - Dykes and drains completed	1956	A1980-044,
(Revision)		Box 0015MC
Item - Reclamation: The P.F.R.A.	1954	A1980-044,
Scheme		Box 0015MC
Item - Reclamation: The P.F.R.A.	1954	A1980-044,
Scheme (Revision)		Box 0015MC
Item - Reclamation: The Biezeveld	1953	A1980-044,
Scheme		Box 0015MC
Item - Revision of The Biezeveld	1953	A1980-044,
Scheme		Box 0015MC
Item - Revision of The Biezeveld	1953	A1980-044,
Scheme		Box 0015MC
Item - Revision of The Biezeveld	1953	A1980-044,
Scheme	1700	Box 0015MC
Item - Simplified vegetation cover map	1956	A1980-044,
The sampling regions of the samp		Box 0015MC
Item - Simplified vegetation cover map	1956	A1980-044,
(Revision)		Box 0015MC
Item - Reclamation: E.B. Patterson's 1st	1947	A1980-044,
proposal draft		Box 0015MC
Item - Reclamation: E.B. Patterson's 1st	1947	A1980-044,
proposal draft		Box 0015MC
Item - Reclamation: E.B. Patterson's 1st	1947	A1980-044,
proposal draft (Revision)		Box 0015MC
Item - Reclamation: E.B. Patterson's 2nd	1947	A1980-044,
proposal draft	1711	Box 0015MC
Item - Reclamation: E.B. Patterson's 2nd	1947	A1980-044,
proposal draft	1/1/	Box 0015MC
Proposar drait		DOV OOLDING

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	Item - Reclamation: E.B. Patterson's 2nd	1947	A1980-044,
	proposal draft (Revision)		Box 0015MC
	Item - Surface deposits	1956	A1980-044,
	-		Box 0015MC
	Item - Surface deposits (Revision)	1956	A1980-044,
			Box 0015MC
	Item - Suggested protective works:	1946	A1980-044,
	Manitoba soil survey		Box 0015MC
	Item - Suggested protective works:	1946	A1980-044,
	Manitoba soil survey (draft)		Box 0015MC
	Item - Saskatchewan River reclamation	1960	A1980-044,
	project as constructed		Box 0015MC
	Item - Map No. 2: land flooded in	1948	A1980-044,
	Pasquia area		Box 0015MC
	Item - Map showing E.B. Patterson's first	1947	A1980-044,
	reclamation proposal		Box 0015MC
	Item - Saskatchewan River reclamation	1954	A1980-044,
	project: topographical plan		Box 0015MC
	Item - Saskatchewan River reclamation	1954	A1980-044,
	project: topographical plan (Revision)		Box 0015MC
	Item - Figure 4 of above series (design	1954	A1980-044,
	drainage system)		Box 0015MC
	Item - Figure 6 of above series (design	1954	A1980-044,
	drainage system)		Box 0015MC
	Item - Figure 7 of above series	1953	A1980-044,
	(Blackwell)		Box 0015MC
	Item - Figure 8 of above series (Wolski)	1953	A1980-044,
			Box 0015MC
	Item - Figure 9 of above series	1953	A1980-044,
	(Biezeveld)		Box 0015MC
	Item - Figure 10 of above series (draining	1955-1956	A1980-044,
	development)		Box 0015MC
	Item - Location plan for Pasquia project	1957	A1980-044,
	road, contract no. 1		Box 0015MC
	Item - Location plan for Pasquia project	1957	A1980-044,
	road, contract no. 2		Box 0015MC
	Item - Location plan for Pasquia project	1957	A1980-044,
I	road, contract no. 3		Box 0015MC

Piney District

<u>Date</u>: n.d. (date of creation)

Access points:

• Cartographic material (documentary form)

<u>Publication status</u>:

		File / item list		
Ref code	Title	Dates	Access status	Container

Item - Piney District	n.d.	A1980-044,
		Box 0016MC
Item - Transparency/original of and	n.d.	A1980-044,
classification: agricultural and non-		Box 0016MC
agricultural land		
Item - Transparency/original of and	n.d.	A1980-044,
classification: agricultural and non-		Box 0016MC
agricultural land		
Item - Soils of the Piney district	n.d.	A1980-044,
		Box 0016MC
Item - Legend for soils of the Piney	n.d.	A1980-044,
district		Box 0016MC
Item - Piney and nearby townships as	n.d.	A1980-044,
census district no. 21		Box 0016MC
Item - Six pages of information detailing	n.d.	A1980-044,
various sections of land in the Piney		Box 0016MC
district		

The Pas, MB: Monthly Temperature & Precipitation

<u>Date</u>: [ca. 1954-1968] (date of creation)

Access points:

• Cartographic material (documentary form)

<u>Publication status</u>:

	File / item	list		
Ref code	Title	Dates	Access status	Container
	Item - Monthly precipitation (figure 1)	September-	,	A1980-044,
		October 1954		Box 0017MC
				File 0249
	Item - Monthly precipitation (figure 1)	September-		A1980-044,
		October 1956		Box 0017MC
				File 0250
	Item - Monthly precipitation (figure 1)	1963-1964		A1980-044,
				Box 0017MC
				File 0251
	Item - Monthly precipitation (figure 1)	1965-1966	,	A1980-044,
				Box 0017MC
				File 0252
	Item - Monthly precipitation (figure 1)	1967-1968		A1980-044,
				Box 0017MC
				File 0253
	Item - Monthly Precipitation	1968-1969		A1980-044,
				Box 0017MC
				File 0254
	Item - Monthly Precipitation	1969-1970	1	A1980-044,
				Box 0017MC
				File 0255

Item - Monthly temperatures	1910-1969	A1980-044,
		Box 0017MC
		File 0256
Item - Monthly temperatures	1910-1970	A1980-044,
		Box 0017MC
		File 0257
Item - Monthly temperatures (figure 2)	1910-1964	A1980-044,
		Box 0017MC
		File 0258
Item - Monthly temperatures (figure 2)	1910-1965	A1980-044,
		Box 0017MC
		File 0259
Item - Monthly temperatures (figure 2)	1910-1968	A1980-044,
		Box 0017MC
		File 0260
Item - Monthly temperatures (figure 2)	1910-1967	A1980-044,
		Box 0017MC
		File 0261
Item - Monthly temperatures (figure 2)	1910-1966	A1980-044,
		Box 0017MC
		File 0262
Item - Relationship of land price to	n.d.	A1980-044,
assessment index (first approximation)		Box 0017MC
		File 0263

Rural Municipality of Thompson

Date: n.d. (date of creation)

Access points:

• Cartographic material (documentary form)

<u>Publication status</u>:

File / item list				
Ref code	Title	Dates	Access status	Container
	Item - Landscape features: altitudes,	n.d.		A1980-044,
	native vegetation and soils			Box 0017MC
				File 0263
	Item - Drainage Systems	n.d.		A1980-044,
				Box 0017MC
				File 0263
	Item - Soil Map	n.d.		A1980-044,
				Box 0017MC
				File 0263