

Hugo Veblhuis

SUBJECT TO REVISION

July, 1970 *gh*

SOIL LEGEND OF THE WEKU KO LAKE, NORWAY HOUSE

AND CROSS LAKE MAP AREA

Parent Material	Natural Drainage	Soil Name and Dominant Texture	Profile Type	Dominant Vegetation	Topography	Stoniness	Map Symbol
Extremely calcareous medium textured till	Well	Atikameg Series (loam)	Degraded Eutric Brunisol	Black spruce, jack pine, aspen	Very gently undulating	Very stony to excessively stony	At
		Westray Series (loam)	Orthic Grey Luvisol	Black spruce, jack pine, aspen	Very gently undulating	Very stony to excessively stony	Wy
	Imperfect	Chitek Series (loam)	Gleyed Degraded Eutric Brunisol	Black spruce, aspen, willow	Very gently undulating	Moderately stony to exceedingly stony	Ci
20 to 40 inches of <i>moderately</i> strongly calcareous medium textured till over limestone bedrock	Poor	Dering Series peaty phase (loam)	Rego Gleysol	Black spruce, Ledum sp., Feather and Sphagnum mosses	Depressional to level	Moderately stony to very stony	Dr(P)
		<i>Limestone Pt.</i> Yawningstone Series (loam)	Degraded Eutric Brunisol	Black spruce, jack pine, aspen	Very gently undulating	Very stony to excessively stony	Y L
		Black Duck Series (loam)	Orthic Grey Luvisol	Black spruce, jack pine, aspen	Very gently undulating	Very stony to excessively stony	Bd
	Imperfect	<i>Birch Bay</i> Nanew Series (loam)	Gleyed Degraded Eutric Brunisol	Black spruce, aspen, willow	Very gently undulating	Moderately stony to exceedingly stony	N L
	Poor	<i>Biscuit Point</i> Gowan Bay Series peaty phase (loam)	Rego Gleysol	Black spruce, Ledum sp., Feather and Sphagnum mosses	Depressional to level	Moderately stony to very stony	St B ₁

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Moderately to very strongly calcareous, sandy loam to loam textured till	Well	Simonhouse Series (loam to sandy loam)	Degraded Eutric Brunisol	Black and white spruce, aspen, jack pine	Very gently undulating	Excessively stony	Ss
		Egg Lake Series (loam to sandy loam)	Orthic Grey Luvisol	Black and white spruce, aspen, jack pine	Very gently undulating	Excessively stony	El
	Imperfect	Leak Lake Series (loam to sandy loam)	Gleyed Degraded Eutric Brunisol	Black and white spruce, aspen, willow	Very gently undulating	Exceedingly stony	Lk
	Poor	Goose River Series peaty phase (loam to sandy loam)	Rego Gleysol	Black spruce, Ledum sp., Feather and Sphagnum mosses	Depressional to level	Moderately stony to very stony	Gr
Non-calcareous sandy loam textured till derived from Precambrian granitic and volcanic rocks	Well	Fay Lake Series (sandy loam)	Degraded Dystric Brunisol	Jack pine and black spruce	Moderately to strongly rolling	Very stony to excessively stony	Fl
		Angus Series (sandy loam)	Orthic Dystric Brunisol	Jack pine and black spruce	Moderately to strongly rolling	Very stony to excessively stony	As
	Imperfect	Hat Lake Series (sandy loam)	Gleyed Degraded Dystric Brunisol	Black spruce and some white spruce	Undulating to gently rolling	Moderately to very stony	Ht
	Poor	Lost Lake Series peaty phase (sandy loam)	Rego Gleysol	Black spruce, Ledum sp., Feather and Sphagnum mosses	Depressional to level	Moderately stony	Ll

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20 to 40 inches of non-calcareous sandy loam textured till derived from Precambrian granitic and volcanic rocks over Precambrian bedrock	Well	Wolverton Series (sandy loam)	Degraded Dystric Brunisol	Jack pine and black spruce	Moderately to strongly rolling	Very stony to excessively stony	W1
		Niblock Series (sandy loam)	Orthic Dystric Brunisol	Jack pine and black spruce	Moderately to strongly rolling	Very stony to excessively stony	N1
	Imperfect	Buzz Lake Series (sandy loam)	Gleyed Degraded Dystric Brunisol	Black spruce and some white spruce	Undulating to gently rolling	Moderately to very stony	Bz
Moderately to strongly calcareous lacustrine clay	Poor	Saw Lake Series peaty phase (sandy loam)	Rego Gleysol	Black spruce, Ledum sp., Feather and Sphagnum mosses	Depressional to level	Moderately stony	Sw
	Well	Wabowden Series (clay)	Solodic Grey Luvisol	Black and white spruce, aspen and jack pine	Undulating	Stone-free	Wa
		Sipiwesk Series (clay)	Orthic Grey Luvisol	Black and white spruce, aspen and jack pine	Undulating	Stone-free	Sk
	Imperfect	Roe Lake Series (clay)	Gleyed Grey Luvisol	Black and white spruce and aspen	Gently undulating	Stone-free	R1
	Poor	La Perouse Series peaty phase (clay)	Peaty Low Humic Eluviated Gleysol	Black spruce, Ledum sp., Feather and Sphagnum mosses	Gently undulating to near level	Stone-free	Pu

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		Medard Series peaty phase	Rego Gleysol	Black spruce, Ledum sp., Feather and Sphagnum mosses	Gently undulating to near level	Stone-free	Me
		<i>Kimstula Series</i>					<i>Ks</i>
0 to 40 inches of moderately to strongly calcareous lacustrine clay over limestone or Precambrian bedrock	Well	<i>Warren Landing</i> Watts Series (clay)	<i>Cryic Rego Gleysol</i> Solodic Grey Luvisol	Black and white spruce, aspen and jack pine	Undulating	Stone-free	<i>Wt W.N</i>
		Kanisota Series (clay)	Orthic Grey Luvisol	Black and white spruce, aspen and jack pine	Undulating	Stone-free	Kt
	Imperfect	Turnbull Series (clay)	Gleyed Grey Luvisol	Black and white spruce and aspen	Undulating to gently undulating	Stone-free	Tb
	Poor	Tyrrell Series peaty phase (clay)	Rego Gleysol	Black spruce, Ledum sp., Feather and Sphagnum mosses	Gently undulating to near level	Stone-free	Tr
to 40 inches of moderately to strongly calcareous lacustrine clay over lacustrine silt	Well	Pipun Series (clay)	Orthic Grey Luvisol	Black and white spruce, jack pine	Undulating	Stone-free	Pp
	<i>Imp</i>	Ponton Series (clay)	Gleyed Grey Luvisol	Black and white spruce	Undulating to gently undulating	Stone-free	Pt
	Poor	Button Series peaty phase (clay)	Rego Gleysol	Black spruce, Ledum sp., Feather and Sphagnum mosses	Gently undulating to near level	Stone-free	Bt
very strongly to extremely calcareous lacustrine silt	Well	Minago Series (silt loam)	Orthic Grey Luvisol	Jack pine, black spruce, aspen	Undulating	Stone-free	Mn

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Non-calcareous glacio-fluvial sand deposits	Imperfect	Muhigan Series (silt loam)	Gleyed Grey Luvisol	Black spruce, aspen and white birch	Undulating to gently undulating	Stone-free	Mu
	Poor	Dunlop Series peaty phase (silt loam)	Rego Gleysol	Black spruce, Feather and Sphagnum mosses	Gently undulating to near level	Stone-free	Du
	Well	Clarke Series <i>Kiski Series (P)</i> (medium to fine sand) o/c	Degraded Dystric Brunisol <i>Cryic Rego Gleysol</i> o/c	Jack pine	Gently rolling	Stone-free	KK <i>KK</i>
	Imperfect	Pakwa Series (medium to fine sand)	Gleyed Degraded Dystric Brunisol	Jack pine and black spruce	Undulating	Stone-free	Pa
	Poor	Baldy Series peaty phase (medium to fine sand)	Rego Gleysol	Black spruce, Feather and Sphagnum mosses	Near level	Stone-free	By
Stratified calcareous sand and gravel outwash and beach deposits	Rapid to well	Woodridge Complex (sand and gravel)	Orthic Grey Luvisol Orthic Eutric Brunisol Degraded Eutric Brunisol	Jack pine, black spruce	Gently undulating to undulating (low narrow ridges)	Slightly to moderately stony	Wx
	Imperfect	Tremaudan Complex (sand and gravel)	Gleyed Grey Luvisol Gleyed Degraded Eutric Brunisol	Black spruce, jack pine and aspen	Gently undulating	Slightly to very stony	Tux
	Poor	Norris Series peaty phase (sand and gravel)	Rego Gleysol	Black spruce, Feather and Sphagnum mosses	Near level	Slightly stony	Nr

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0 to 4 inches of rubble over limestone and Precambrian bed-rock	Rapid	Rock Outcrop (L)		Jack pine, black spruce	Level to undulating		RL
		Rock Outcrop (P)		Jack pine, black spruce	Strongly rolling, hilly		RP
Recent cobbly and sand beach deposits	Rapid to poor	Sand Beach					Sb
Thin muck and silty deposits	Very poor	Marsh	Rego Gleysol	Reeds and sedges	Near level		Mh
16 to 52 inches of mesic forest peat or thin (0 to 24 inches) of fibric Sphagnum moss peat overlying mesic forest peat	Poor to very poor	Atik Complex (underlain by medium to fine textured calcareous lacustrine sediments)	Terric Fibrisol	Black spruce with an understory of feather and Sphagnum mosses and ericaceous shrubs	Level to depressional	Stone-free	Alx
		Iskwasum Complex (underlain by extremely calcareous till)	Terric Mesic Fibrisol				Iwx
		File Lake Complex (underlain by non-calcareous sandy till)					Flx
		Flux Lake Complex (underlain by dolomite bedrock)	Lithic Fibrisol				Flx
			Lithic Mesic Fibrisol				

Gormley Lake (Ck) underlain by C-MC Sediments

Gmx

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24 to 64 inches of fibric Sphagnum moss peat, which may be underlain by significant amounts of forest or sedge peat	Poor to very poor	Chocolate Complex (underlain by medium to fine textured calcareous lacustrine sediments) Farewell Complex (underlain by extremely calcareous till) Optic Lake Complex (underlain by non-calcareous till)	Terric Mesic Fibrisol Terric Fibric Mesisol Terric Fibrisol	Stunted black spruce and tamarack with an understory of Sphagnum mosses and ericaceous shrubs	Depressional to level	Stone-free	Chx Fax Otx Mhx
Forest or feather moss peat with a cryic layer within the control section	Imperfect	Nekik Lake Complex	Cryic Mesic Fibrisol Cryic Mesic Fibrisol	Black spruce with an understory of Cladonia, Labrador-tea and feather mosses	Level or irregular domes and ridges	Stone-free	Nlx
Fibric Sphagnum moss peat with a cryic layer within the control section	Imperfect	Cormorant Lake Complex	Cryic Sphagnum Fibrisol Cryic Mesic Fibrisol	as above	as above	Stone-free	Cmx
16 to 52 inches of moderately decomposed sedge peat with little (<24 inches) or no Sphagnum moss peat deposits	Very poor	Reed Lake Complex (underlain by medium to fine textured calcareous lacustrine sediments) Loonhead Complex (underlain by non-calcareous till) Mawdesley Complex (underlain by extremely calcareous till)	Terric Mesic Fibrisol Terric Fibric Mesisol Mesisol	Sedges and mosses with clumps of black spruce and tamarack	Depressional to level	Stone-free	Rex Lox Mwx Wax

Michigan Lake Complex underlain by C-MC Sediments.

Waskik Lake (Cx) underlain by C-MC sediments

Parent Material	Natural Drainage	Soil Name and Dominant Texture	Profile Type	Dominant Vegetation	Topography	Stoniness	Map Symb
Mesic forest peat greater than 52 inches thick or thin (0 to 24 inches) fibric Sphagnum moss peat overlying mesic forest peat	Poor to very poor	Hargrave Complex (underlain by medium to fine textured calcareous lacustrine sediments) Claw Lake Complex (underlain by extremely calcareous till)	Typic Mesic sol Mesic Fibrisol	Black spruce with an understory of feather and Sphagnum mosses and ericaceous shrubs	Depressional to level	Stone-free	Hgx
		Wekusko Complex (underlain by non-calcareous till)		<i>Muningwari Cx underlain by C-MC sediments</i>			Wlx Mux
(1) 24 to 64 inches of fibric sphagnum moss peat, underlain by a significant layer or layers of mesic forest peat. (2) Fibric Sphagnum moss peat greater than 64 inches thick.	Poor to very poor	Kiskitto Complex (underlain by medium to fine textured calcareous lacustrine sediments) Crowduck Complex (underlain by extremely calcareous till)	Mesic Fibrisol Sphagno Fibrisol	Stunted black spruce and tamarack, with dominantly Sphagnum moss and ericaceous shrub understory	Depressional to level	Stone-free	Khx
		White Forest Complex (underlain by non-calcareous till)		<i>Pamush Cx underlain by C-MC sediments</i>			Wfx Pax
Greater than 52 inches of mesic sedge peat with little (24 inches) or no Sphagnum moss peat deposits	Very poor	Rock Island Complex (underlain by medium to fine textured calcareous lacustrine sediments)	Typic Mesic sol	Sedges and mosses	Depressional to level	Stone-free	Rlx
				<i>Wabisi Cx underlain by C-MC sediments</i>			Wbx