

APPENDIX 12-VIII

Critical Landform/Vegetation Association

**APPENDIX 12-VIII
CRITICAL LANDFORM/VEGETATION ASSOCIATION**

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)	
LVFRI	3E-2	Conservation Reserve	Kwinkwaga Ground Moraine Uplands Conservation Reserve	Alluvial & Fluvial Deposits	Conifer Swamp/Fen/Bog	3	3	0	0.0	
					Exposed Rock	0	0	0	0.0	
					Jack Pine (pure)	15	15	0	0.0	
					White Birch Assn.	0	0	0	0.0	
				Glaciofluvial Esker-Kettle Terrain	White Cedar	2	2	0	0.0	
				Glaciofluvial Outwash	Balsam Fir	4	4	0	0.0	
					Conifer Swamp/Fen/Bog	11	11	0	0.0	
					Open Marsh/Fen/Bog	17	17	0	0.0	
					Thicket Swamp	10	10	0	0.0	
					White Birch Assn.	40	40	0	0.0	
					White Birch-Aspen	6	6	0	0.0	
					White Cedar	37	37	0	0.0	
				Precambrian Int. to Acidic Bdrck	Balsam Fir	8	8	0	0.0	
					Black Spruce-Tam. Mixed	4	4	0	0.0	
					Jack Pine (pure)	93	93	0	0.0	
				North Thornhen Lake Moraine Conservation Reserve	Precambrian Basic to Int. Bdrck	Balsam Fir	81	81	0	0.0
						Black Spruce Dominated	66	66	0	0.0
				Slim Jim Lake Conservation Reserve	Fine Lacustrine & Glaciolacustrine Organic Deposits	Exposed Rock	2	2	0	0.0
						Exposed Rock	1	1	0	0.0
					Jack Pine (pure)	2	2	0	0.0	
					Jack Pine Mixedwoods	3	3	0	0.0	
					Precambrian Basic to Int. Bdrck	Black Spruce Dominated	97	97	0	0.0
						Conifer Swamp/Fen/Bog	26	26	0	0.0
					Precambrian Int. to Acidic Bdrck	Jack Pine (pure)	47	47	0	0.0
		Strickland River Mixed Forest Wetland Conservation Reserve	Glaciofluvial Esker-Kettle Terrain	Black Spruce-Tam. Mixed	3	3	0	0.0		
				Conifer Swamp/Fen/Bog	2	2	0	0.0		
			Glaciofluvial Outwash	Jack Pine-Spruces-Bal. Fir	0	0	0	0.0		
				Open Marsh/Fen/Bog	2	2	0	0.0		
			Organic Deposits	Jack Pine (pure)	9	9	0	0.0		
			Precambrian Int. to Acidic Bdrck	Balsam Fir	38	38	0	0.0		
				Black Spruce-Tam. Mixed	0	0	0	0.0		
		Jack Pine (pure)		72	72	0	0.0			
Provincial Park	Missinaibi Provincial Park (Waterway Class)	Alluvial & Fluvial Deposits	Black Spruce-Tam. Mixed	7	7	0	0.0			
			Coarse Ground Moraine	Black Spruce-Tam. Mixed	38	38	0	0.0		
		Open Marsh/Fen/Bog	14	14	0	0.0				
		Fine Ground Moraine	Balsam Fir	13	13	0	0.0			
			Conifer Swamp/Fen/Bog	43	43	0	0.0			
			Jack Pine (pure)	2	2	0	0.0			

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					Jack Pine Mixedwoods	26	26	0	0.0
					Tamarack Dominated	25	25	0	0.0
					Thicket Swamp	11	11	0	0.0
					White Birch-Aspen	4	4	0	0.0
					White Cedar	20	20	0	0.0
				Fine Lacustrine & Glaciolacustrine	Balsam Fir	2	2	0	0.0
					Black Spruce-Tam. Mixed	4	4	0	0.0
					White Birch Assn.	38	38	0	0.0
					White Birch-Aspen	10	10	0	0.0
					White Spruce	1	1	0	0.0
				Glaciofluvial Esker-Kettle Terrain	Conifer Swamp/Fen/Bog	3	3	0	0.0
					White Cedar	22	22	0	0.0
				Glaciofluvial Outwash	Conifer Swamp/Fen/Bog	6	6	0	0.0
					Jack Pine-Spruces-Bal. Fir	48	48	0	0.0
					Open Marsh/Fen/Bog	5	5	0	0.0
					Thicket Swamp	21	21	0	0.0
					White Birch-Aspen	2	2	0	0.0
					White Cedar	0	0	0	0.0
				Organic Deposits	Jack Pine (pure)	7	7	0	0.0
					Jack Pine Mixedwoods	10	10	0	0.0
					White Birch Assn.	6	6	0	0.0
				Precambrian Int. to Acidic Bdrck	Balsam Fir	12	12	0	0.0
					Black Spruce-Tam. Mixed	5	5	0	0.0
					Jack Pine (pure)	65	65	0	0.0
			Nagagami Lake Provincial Nature Reserve	Fine Lacustrine & Glaciolacustrine	Exposed Rock	17	17	0	0.0
			Nagagamis Provincial Park (Natural Environment Class)	Alluvial & Fluvial Deposits	Balsam Fir	8	8	0	0.0
					Conifer Swamp/Fen/Bog	3	3	0	0.0
					Jack Pine (pure)	15	15	0	0.0
					Jack Pine Mixedwoods	9	9	0	0.0
					Tamarack Dominated	4	4	0	0.0
					White Birch Assn.	0	0	0	0.0
					White Spruce	36	36	0	0.0
				Fine Lacustrine & Glaciolacustrine	Balsam Fir	3	3	0	0.0
					Black Spruce-Tam. Mixed	39	39	0	0.0
					Exposed Rock	1	1	0	0.0
					Tamarack Dominated	19	19	0	0.0
					White Spruce	12	12	0	0.0

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				Glaciofluvial Esker-Kettle Terrain	Black Spruce-Tam. Mixed	12	12	0	0.0			
					Conifer Swamp/Fen/Bog	16	16	0	0.0			
					Exposed Rock	1	1	0	0.0			
					White Cedar	23	23	0	0.0			
					Organic Deposits	Black Spruce-Tam. Mixed	10	10	0	0.0		
						Exposed Rock	7	7	0	0.0		
						Jack Pine (pure)	24	24	0	0.0		
						Jack Pine Mixedwoods	3	3	0	0.0		
					Precambrian Basic to Int. Bdrck	Balsam Fir	21	21	0	0.0		
						Black Spruce Dominated	272	272	0	0.0		
						Conifer Swamp/Fen/Bog	7	7	0	0.0		
						White Cedar	1	1	0	0.0		
				Precambrian Int. to Acidic Bdrck	Balsam Fir	40	40	0	0.0			
					Jack Pine (pure)	16	16	0	0.0			
					White Spruce	25	25	0	0.0			
				Pichogen River Mixed Forest Provincial Park (Nature Reserve Class)	Organic Deposits	Jack Pine (pure)	0	0	0	0.0		
						Jack Pine Mixedwoods	6	6	0	0.0		
					Precambrian Int. to Acidic Bdrck	Black Spruce-Tam. Mixed	32	32	0	0.0		
						Jack Pine (pure)	10	10	0	0.0		
				White Lake Peatlands Provincial Nature Reserve	Glaciofluvial Outwash	Conifer Swamp/Fen/Bog	3	3	0	0.0		
						Open Marsh/Fen/Bog	2	2	0	0.0		
						Tamarack Dominated	2	2	0	0.0		
						Thicket Swamp	18	18	0	0.0		
					Organic Deposits	Balsam Fir	13	13	0	0.0		
					Precambrian Int. to Acidic Bdrck	Balsam Fir	22	22	0	0.0		
				3E-4	Conservation Reserve	South Michipicoten River-Superior Shoreline Conservation Reserve	Alluvial & Fluvial Deposits	Balsam Fir	0	0	0	0.0
							Glaciofluvial Outwash	Balsam Fir	5	5	0	0.0
							Precambrian Int. to Acidic Bdrck	Yellow Birch Assn.	39	39	0	0.0
					Widgeon Lake Moraine Conservation Reserve	Glaciofluvial Outwash	Balsam Fir	4	4	0	0.0	
					National Park	Pukaskwa National Park	Alluvial & Fluvial Deposits	Exposed Rock	7	7	0	0.0
								Jack Pine Mixedwoods	34	34	0	0.0
								Tamarack Dominated	2	2	0	0.0
							Coarse Ground Moraine	Aspen Dominated	17	17	0	0.0
Black Spruce Dominated	10	10	0					0.0				
Black Spruce-Tam. Mixed	17	17	0	0.0								
Exposed Rock	3	3	0	0.0								
Intol Hdwd-Other Con Mixed	16	16	0	0.0								

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					Jack Pine (pure)	21	21	0	0.0
					Jack Pine Mixedwoods	9	9	0	0.0
					Jack Pine-Spruces-Bal. Fir	15	15	0	0.0
					Open Marsh/Fen/Bog	8	8	0	0.0
					Tamarack Dominated	13	13	0	0.0
					Thicket Swamp	26	26	0	0.0
					White Birch Assn.	6	6	0	0.0
					White Birch-Aspen	10	10	0	0.0
				Coarse Lacustrine & Glaciolacustrine	Black Spruce-Tam. Mixed	5	5	0	0.0
					Conifer Swamp/Fen/Bog	20	20	0	0.0
					Exposed Rock	46	46	0	0.0
					Jack Pine Mixedwoods	18	18	0	0.0
					Jack Pine-Spruces-Bal. Fir	48	48	0	0.0
				Fine Lacustrine & Glaciolacustrine	Open Marsh/Fen/Bog	36	36	0	0.0
					Exposed Rock	12	12	0	0.0
				Glaciofluvial Outwash	Open Marsh/Fen/Bog	11	11	0	0.0
					Balsam Fir	6	6	0	0.0
					Black Spruce-Tam. Mixed	11	11	0	0.0
					Exposed Rock	14	14	0	0.0
					Red Maple Assn.	1	1	0	0.0
				Organic Deposits	Tamarack Dominated	20	20	0	0.0
					Exposed Rock	4	4	0	0.0
					Jack Pine-Spruces-Bal. Fir	34	34	0	0.0
					Tamarack Dominated	1	1	0	0.0
					White Birch-Aspen	15	15	0	0.0
				Precambrian Basic to Int. Bdrck	White Cedar	12	12	0	0.0
					White Spruce	0	0	0	0.0
					Exposed Rock	19	19	0	0.0
					Open Marsh/Fen/Bog	15	15	0	0.0
					Red Maple Assn.	4	4	0	0.0
				Precambrian Int. to Acidic Bdrck	Thicket Swamp	5	5	0	0.0
					Tamarack Dominated	27	27	0	0.0
					White Pine-Red Pine	7	7	0	0.0
Provincial Park	Michipicoten Provincial Park	Glaciofluvial Outwash	Balsam Fir	0	0	0	0.0		
		Coarse Lacustrine & Glaciolacustrine	Exposed Rock	1	1	0	0.0		
	Nimoosh Provincial Park (Waterway Class)	Precambrian Basic to Int. Bdrck	Balsam Fir	23	23	0	0.0		
		Exposed Rock	2	2	0	0.0			

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					Open Marsh/Fen/Bog	5	5	0	0.0
					Thicket Swamp	2	2	0	0.0
					White Spruce	16	16	0	0.0
			Pan Lake Fen Provincial Park	Fine Lacustrine & Glaciolacustrine	Open Marsh/Fen/Bog	3	3	0	0.0
				Organic Deposits	Exposed Rock	0	0	0	0.0
					Jack Pine-Spruces-Bal. Fir	1	1	0	0.0
					White Spruce	0	0	0	0.0
			White Lake Provincial Park (Natural Environment Class)	Alluvial & Fluvial Deposits	Exposed Rock	1	1	0	0.0
					Jack Pine Mixedwoods	5	5	0	0.0
				Coarse Lacustrine & Glaciolacustrine	Balsam Fir	9	9	0	0.0
					Conifer Swamp/Fen/Bog	3	3	0	0.0
					Open Marsh/Fen/Bog	1	1	0	0.0
					Tamarack Dominated	4	4	0	0.0
				Fine Lacustrine & Glaciolacustrine	Exposed Rock	1	1	0	0.0
				Glaciofluvial Outwash	Exposed Rock	3	3	0	0.0
				Precambrian Basic to Int. Bdrck	Exposed Rock	1	1	0	0.0
					Jack Pine Mixedwoods	49	49	0	0.0
					Open Marsh/Fen/Bog	11	11	0	0.0
					Thicket Swamp	2	2	0	0.0
					White Birch-Aspen	5	5	0	0.0
		Recommended Conservation Reserve	Lake Superior Highlands Conservation Reserve	Alluvial & Fluvial Deposits	Balsam Fir	16	16	0	0.0
					Exposed Rock	2	2	0	0.0
				Coarse Ground Moraine	White Birch Assn.	9	9	0	0.0
				Coarse Lacustrine & Glaciolacustrine	Balsam Fir	167	167	0	0.0
					Exposed Rock	19	19	0	0.0
					Jack Pine Mixedwoods	34	34	0	0.0
					Jack Pine-Spruces-Bal. Fir	29	29	0	0.0
					Open Marsh/Fen/Bog	6	6	0	0.0
					Tamarack Dominated	14	14	0	0.0
				Glaciofluvial Outwash	Balsam Fir	20	20	0	0.0
				Organic Deposits	Balsam Fir	7	7	0	0.0
					White Birch-Aspen	0	0	0	0.0
				Precambrian Basic to Int. Bdrck	Balsam Fir	253	253	0	0.0
					Conifer Swamp/Fen/Bog	2	2	0	0.0
					Exposed Rock	20	20	0	0.0
					Open Marsh/Fen/Bog	114	114	0	0.0
					Red Maple Assn.	4	4	0	0.0
					Thicket Swamp	1	1	0	0.0

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	3E-5	Conservation Reserve			White Birch-Aspen	88	88	0	0.0	
					White Spruce	2	2	0	0.0	
			Brace Creek Outwash Plain Conservation Reserve	Eolian Sand Dunes	Balsam Fir	21	21	0	0.0	
					Exposed Rock	2	2	0	0.0	
					White Pine-Red Pine	5	5	0	0.0	
					Precambrian Int. to Acidic Bdrck	White Pine-Red Pine	6	6	0	0.0
			Ivanhoe River Clay Plain Conservation Reserve	Coarse Ground Moraine	Hardwoods-Black Ash	5	5	0	0.0	
					Fine Lacustrine & Glaciolacustrine	Tamarack Dominated	7	7	0	0.0
						Glaciofluvial Esker-Kettle Terrain	Black Spruce-Tam. Mixed	3	3	0
					Tamarack Dominated	14	14	0	0.0	
					Precambrian Basic to Int. Bdrck	Hardwoods-Black Ash	7	7	0	0.0
					Precambrian Int. to Acidic Bdrck	Hardwoods-Black Ash	0	0	0	0.0
			Kwinkwaga Ground Moraine Uplands Conservation Reserve	Alluvial & Fluvial Deposits	Exposed Rock	0	0	0	0.0	
					Glaciofluvial Esker-Kettle Terrain	Black Spruce-Tam. Mixed	0	0	0	0.0
			Manitou Mountain Conservation Reserve	Organic Deposits	White Spruce	2	2	0	0.0	
					Precambrian Basic to Int. Bdrck	Jack Pine (pure)	0	0	0	0.0
			Mistinikon Lake Uplands Conservation Reserve	Precambrian Int. to Acidic Bdrck	Hardwoods-White Cedar	37	37	0	0.0	
			Northern Claybelt Forest Complex Conservation Reserve	Coarse Lacustrine & Glaciolacustrine	Exposed Rock	14	14	0	0.0	
					Tamarack Dominated	10	10	0	0.0	
				Fine Ground Moraine	Conifer Swamp/Fen/Bog	16	16	0	0.0	
					Open Marsh/Fen/Bog	9	9	0	0.0	
					White Birch Assn.	7	7	0	0.0	
				Fine Lacustrine & Glaciolacustrine	Exposed Rock	6	6	0	0.0	
			Organic Deposits	White Spruce	9	9	0	0.0		
			Tatachikapika River Plain Conservation Reserve	Coarse Lacustrine & Glaciolacustrine	Jack Pine Mixedwoods	1	1	0	0.0	
					Tamarack Dominated	13	13	0	0.0	
			Vimy Lake Uplands Conservation Reserve	Coarse Ground Moraine	Yellow Birch Assn.	4	4	0	0.0	
					Glaciofluvial Esker-Kettle Terrain	Black Spruce-Tam. Mixed	6	6	0	0.0
			Wapus Creek Conservation Reserve	Glaciofluvial Esker-Kettle Terrain	Exposed Rock	3	3	0	0.0	
					Red Pine Dominated	0	0	0	0.0	
				Glaciofluvial Outwash	Red Pine Dominated	1	1	0	0.0	
			Whitefish And East Whitefish Lakes Sandy Till Upland Conservation Reserve	Coarse Ground Moraine	Exposed Rock	8	8	0	0.0	
Hardwoods-Black Ash	3	3			0	0.0				
Red Maple Assn.	0	0			0	0.0				
White Pine-Red Pine	5	5			0	0.0				
Coarse Lacustrine & Glaciolacustrine	White Spruce	2		2	0	0.0				
	Glaciofluvial Esker-Kettle Terrain	Red Maple Assn.		0	0	0	0.0			

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					Tamarack Dominated	1	1	0	0.0	
		Whitefish River Sandy Till Conservation Reserve		Eolian Sand Dunes	Balsam Fir	8	8	0	0.0	
					Yellow Birch Assn.	1	1	0	0.0	
				Glaciofluvial Esker-Kettle Terrain	Black Spruce-Tam. Mixed	8	8	0	0.0	
					Tamarack Dominated	2	2	0	0.0	
		Organic Deposits		White Spruce	1	1	0	0.0		
		Windermere Goldie Lake Complex Conservation Reserve		Eolian Sand Dunes	Balsam Fir	12	12	0	0.0	
		Provincial Park	Chapleau-Nemegosenda River Provincial Park (Waterway Class)	Coarse Ground Moraine	Exposed Rock	0	0	0	0.0	
					White Pine-Red Pine	20	20	0	0.0	
				Glaciofluvial Esker-Kettle Terrain	Black Spruce-Tam. Mixed	9	9	0	0.0	
					White Pine-Red Pine	41	41	0	0.0	
				Glaciofluvial Outwash	White Pine-Red Pine	13	13	0	0.0	
				Precambrian Basic to Int. Bdrck	Balsam Fir	1	1	0	0.0	
			Tamarack Dominated		4	4	0	0.0		
			Dana-Jowsey Lakes Provincial Park (Natural Environment Class)		Glaciofluvial Esker-Kettle Terrain	Black Spruce-Tam. Mixed	11	11	0	0.0
			Englehart River Fine Sand Plain And Waterway Provincial Park		Alluvial & Fluvial Deposits	Grass and Meadow	0	0	0	0.0
						White Spruce	1	1	0	0.0
					Fine Lacustrine & Glaciolacustrine	Balsam Poplar Assn.	12	12	0	0.0
						Exposed Rock	2	2	0	0.0
		Glaciofluvial Outwash		Grass and Meadow	0	0	0	0.0		
		Grassy River-Mond Lake Lowlands And Ferris Lake Uplands Provincial Park (Nature Reserve Class)		Eolian Sand Dunes	Yellow Birch Assn.	3	3	0	0.0	
		Groundhog River Waterway Provincial Park (Waterway Class)		Fine Ground Moraine	White Birch Assn.	0	0	0	0.0	
					Exposed Rock	0	0	0	0.0	
				Precambrian Basic to Int. Bdrck	Black Spruce-Tam. Mixed	5	5	0	0.0	
					Tamarack Dominated	7	7	0	0.0	
		Ivanhoe Lake Provincial Park (Natural Environment Class)		Coarse Ground Moraine	Yellow Birch Assn.	3	3	0	0.0	
					White Spruce	4	4	0	0.0	
				Glaciofluvial Esker-Kettle Terrain	Exposed Rock	2	2	0	0.0	
				Precambrian Basic to Int. Bdrck	Jack Pine (pure)	3	3	0	0.0	
					White Spruce	13	13	0	0.0	
		Makobe-Grays River Provincial Park		Coarse Ground Moraine	Exposed Rock	2	2	0	0.0	
					Fine Lacustrine & Glaciolacustrine	Tamarack Dominated	2	2	0	0.0

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			Missinaibi Provincial Park (Waterway Class)	Coarse Ground Moraine	Exposed Rock	7	7	0	0.0	
				Fine Ground Moraine	Tamarack Dominated	3	3	0	0.0	
					White Cedar	0	0	0	0.0	
			Obatanga Provincial Park	Organic Deposits	Exposed Rock	9	9	0	0.0	
				Precambrian Basic to Int. Bdrck	Balsam Fir	34	34	0	0.0	
					Jack Pine (pure)	2	2	0	0.0	
			Pokei Lake/White River Wetlands Provincial Park (Nature Reserve Class)	Alluvial & Fluvial Deposits	Exposed Rock	2	2	0	0.0	
			Potholes Provincial Nature Reserve	Alluvial & Fluvial Deposits	Exposed Rock	2	2	0	0.0	
				Precambrian Int. to Acidic Bdrck	Sugar Maple	3	3	0	0.0	
			Wakami Lake Provincial Park	Eolian Sand Dunes	Balsam Fir	5	5	0	0.0	
					Yellow Birch Assn.	0	0	0	0.0	
				Glaciofluvial Outwash	Mixed Tol Hdwds	10	10	0	0.0	
					Yellow Birch Assn.	1	1	0	0.0	
			Wakami Lake Provincial Park Addition (Nature Reserve Class)	Eolian Sand Dunes	Balsam Fir	0	0	0	0.0	
			West Montreal River Provincial Park (Waterway Class)	Coarse Ground Moraine	Exposed Rock	1	1	0	0.0	
				Eolian Sand Dunes	Balsam Fir	3	3	0	0.0	
					Exposed Rock	0	0	0	0.0	
				Glaciofluvial Esker-Kettle Terrain	Exposed Rock	9	9	0	0.0	
					Tamarack Dominated	2	2	0	0.0	
				Glaciofluvial Outwash	Hardwoods-Black Spruce	5	5	0	0.0	
					Precambrian Basic to Int. Bdrck	Hardwoods-Black Ash	4	4	0	0.0
				Jack Pine (pure)		43	43	0	0.0	
			Red Maple Assn.	12	12	0	0.0			
			Woman River Forest Provincial Park (Natural Environment Class)	Coarse Ground Moraine	White Pine-Red Pine	17	17	0	0.0	
			Recommended Conservation Reserve	Ivanoe River Clay Plains Conservation Reserve Addition	Eolian Sand Dunes	Exposed Rock	3	3	0	0.0
			Recommended Provincial Park	Chapleau-Nemegosenda River Provincial Park (Waterway Class) Addition	Coarse Ground Moraine	White Pine-Red Pine	6	6	0	0.0
					Glaciofluvial Esker-Kettle Terrain	Black Spruce-Tam. Mixed	0	0	0	0.0
Glaciofluvial Outwash	White Pine-Red Pine	4			4	0	0.0			
Precambrian Basic to Int. Bdrck	Balsam Fir	2			2	0	0.0			
	Black Spruce-Tam. Mixed	0			0	0	0.0			
Jack Pine (pure)	0	0	0	0.0						

**APPENDIX 12-VIII
CRITICAL LANDFORM/VEGETATION ASSOCIATION**

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)	
	3W-2	Conservation Reserve	Dog River Conservation Reserve	Alluvial & Fluvial Deposits	Exposed Rock	9	9	0	0.0	
					Jack Pine Mixedwoods	10	10	0	0.0	
					White Cedar	5	5	0	0.0	
				Coarse Lacustrine & Glaciolacustrine	Black Spruce-Tam. Mixed	28	28	0	0.0	
					Open Marsh/Fen/Bog	11	11	0	0.0	
					Thicket Swamp	6	6	0	0.0	
				Organic Deposits	White Cedar	9	9	0	0.0	
				Precambrian Basic to Int. Bdrck	Open Marsh/Fen/Bog	1	1	0	0.0	
				East Bay Conservation Reserve	Glaciofluvial Esker-Kettle Terrain	Thicket Swamp	0	0	0	0.0
						Organic Deposits	White Birch Assn.	4	4	0
			Precambrian Basic to Int. Bdrck		Balsam Fir	15	15	0	0.0	
					Conifer Swamp/Fen/Bog	8	8	0	0.0	
					Intol Hdwd-Other Con Mixed	156	156	0	0.0	
					Open Marsh/Fen/Bog	3	3	0	0.0	
			Thicket Swamp	4	4	0	0.0			
			Garden Pakashkan Conservation Reserve	Glaciofluvial Esker-Kettle Terrain	Conifer Swamp/Fen/Bog	14	14	0	0.0	
					Exposed Rock	9	9	0	0.0	
					White Cedar	0	0	0	0.0	
				Glaciofluvial Outwash	Balsam Fir	46	46	0	0.0	
					White Spruce	12	12	0	0.0	
					Organic Deposits	White Cedar	4	4	0	0.0
			Precambrian Int. to Acidic Bdrck	White Spruce	39	39	0	0.0		
			Gulliver River Conservation Reserve	Coarse Ground Moraine	Tamarack Dominated	1	1	0	0.0	
				Organic Deposits	Black Spruce-Tam. Mixed	0	0	0	0.0	
				Precambrian Int. to Acidic Bdrck	Black Spruce-Tam. Mixed	0	0	0	0.0	
			Lac Des Mille Lacs Conservation Reserve	Glaciofluvial Esker-Kettle Terrain	Conifer Swamp/Fen/Bog	4	4	0	0.0	
					Thicket Swamp	1	1	0	0.0	
			Otertooth Conservation Reserve	Coarse Lacustrine & Glaciolacustrine	Open Marsh/Fen/Bog	2	2	0	0.0	
					Thicket Swamp	2	2	0	0.0	
				Colluvium (Coarse)	Exposed Rock	32	32	0	0.0	
					Intol Hdwd-Other Con Mixed	37	37	0	0.0	
					Jack Pine Mixedwoods	22	22	0	0.0	
					Thicket Swamp	2	2	0	0.0	
White Cedar	5	5			0	0.0				
Glaciofluvial Delta	Black Spruce Dominated	3		3	0	0.0				
	Conifer Swamp/Fen/Bog	3		3	0	0.0				
	Open Marsh/Fen/Bog	7		7	0	0.0				
Thicket Swamp	21	21	0	0.0						

**APPENDIX 12-VIII
CRITICAL LANDFORM/VEGETATION ASSOCIATION**

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)		
				Glaciofluvial Outwash	Balsam Fir	0	0	0	0.0		
					White Cedar	24	24	0	0.0		
					Organic Deposits	Exposed Rock	0	0	0	0.0	
						Precambrian Basic to Int. Bdrck	Exposed Rock	1	1	0	0.0
					Thicket Swamp	1	1	0	0.0		
					Trewartha Creek Conservation Reserve	Glaciofluvial Esker-Kettle Terrain	Conifer Swamp/Fen/Bog	1	1	0	0.0
				Glaciofluvial Outwash		White Cedar	3	3	0	0.0	
				Upper English River Conservation Reserve	Coarse Ground Moraine	Hardwoods-Black Ash	4	4	0	0.0	
						Coarse Lacustrine & Glaciolacustrine	Open Marsh/Fen/Bog	17	17	0	0.0
							Tamarack Dominated	3	3	0	0.0
							Thicket Swamp	3	3	0	0.0
					White Birch-Aspen	1	1	0	0.0		
					Fine Lacustrine & Glaciolacustrine	Tamarack Dominated	5	5	0	0.0	
						White Cedar	3	3	0	0.0	
					Glaciofluvial Esker-Kettle Terrain	Thicket Swamp	8	8	0	0.0	
				Glaciofluvial Outwash	White Cedar	0	0	0	0.0		
				Provincial Park	Bonheur River Kame Provincial Nature Reserve	Alluvial & Fluvial Deposits	Jack Pine Mixedwoods	1	1	0	0.0
						Glaciofluvial Esker-Kettle Terrain	Conifer Swamp/Fen/Bog	1	1	0	0.0
		Glaciofluvial Outwash	Tamarack Dominated			0	0	0	0.0		
		Organic Deposits	Black Spruce-Tam. Mixed			7	7	0	0.0		
		Brightsand River Provincial Park	End Moraine		Conifer Swamp/Fen/Bog	9	9	0	0.0		
					Jack Pine (pure)	48	48	0	0.0		
					Jack Pine Mixedwoods	8	8	0	0.0		
					Open Marsh/Fen/Bog	14	14	0	0.0		
		East English River Provincial Park (Waterway Class)	Alluvial & Fluvial Deposits		Conifer Swamp/Fen/Bog	8	8	0	0.0		
					Tamarack Dominated	5	5	0	0.0		
					Fine Lacustrine & Glaciolacustrine	Balsam Fir	15	15	0	0.0	
						Conifer Swamp/Fen/Bog	40	40	0	0.0	
			Tamarack Dominated			14	14	0	0.0		
			White Cedar		44	44	0	0.0			
			Glaciofluvial Delta	Black Spruce Dominated	5	5	0	0.0			
				Jack Pine-Spruces-Bal. Fir	2	2	0	0.0			
Open Marsh/Fen/Bog	3	3		0	0.0						
White Birch Assn.	5	5	0	0.0							
Glaciofluvial Esker-Kettle Terrain	Conifer Swamp/Fen/Bog	2	2	0	0.0						
	Thicket Swamp	4	4	0	0.0						
	White Cedar	5	5	0	0.0						

**APPENDIX 12-VIII
CRITICAL LANDFORM/VEGETATION ASSOCIATION**

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)
			Gull River Provincial Park (Waterway Class)	Alluvial & Fluvial Deposits	Jack Pine Mixedwoods	3	3	0	0.0
					White Cedar	16	16	0	0.0
					White Spruce	4	4	0	0.0
				Coarse Lacustrine & Glaciolacustrine	Black Spruce-Tam. Mixed	16	16	0	0.0
					Open Marsh/Fen/Bog	7	7	0	0.0
					Thicket Swamp	1	1	0	0.0
					White Cedar	21	21	0	0.0
				Glaciofluvial Esker-Kettle Terrain	Conifer Swamp/Fen/Bog	2	2	0	0.0
					Exposed Rock	0	0	0	0.0
					Tamarack Dominated	8	8	0	0.0
					Thicket Swamp	11	11	0	0.0
				Glaciofluvial Outwash	White Cedar	1	1	0	0.0
					Black Spruce-Tam. Mixed	0	0	0	0.0
					Tamarack Dominated	12	12	0	0.0
				Organic Deposits	White Spruce	29	29	0	0.0
					Black Spruce-Tam. Mixed	0	0	0	0.0
					Exposed Rock	0	0	0	0.0
					White Birch Assn.	23	23	0	0.0
					White Birch-Aspen	4	4	0	0.0
				Precambrian Basic to Int. Bdrck	White Cedar	28	28	0	0.0
					White Spruce	11	11	0	0.0
			Conifer Swamp/Fen/Bog		3	3	0	0.0	
			Open Marsh/Fen/Bog		4	4	0	0.0	
			Precambrian Int. to Acidic Bdrck	Thicket Swamp	2	2	0	0.0	
				White Spruce	5	5	0	0.0	
			Kaiashk Provincial Nature Reserve	Organic Deposits	White Birch Assn.	0	0	0	0.0
			Kopka River Provincial Park (Waterway Class)	Coarse Lacustrine & Glaciolacustrine	Open Marsh/Fen/Bog	1	1	0	0.0
				Precambrian Basic to Int. Bdrck	Intol Hdwd-Other Con Mixed	4	4	0	0.0
			Obonga-Ottertooth Provincial Park (Waterway Class)	Colluvium (Coarse)	Black Spruce Dominated	1	1	0	0.0
					Jack Pine Mixedwoods	7	7	0	0.0
					White Birch Assn.	1	1	0	0.0
				Glaciofluvial Delta	Thicket Swamp	2	2	0	0.0
				Glaciofluvial Outwash	Tamarack Dominated	1	1	0	0.0
White Cedar	0	0			0	0.0			
Precambrian Basic to Int. Bdrck	Exposed Rock	5		5	0	0.0			
	Intol Hdwd-Other Con Mixed	37		37	0	0.0			
	Thicket Swamp	6		6	0	0.0			

APPENDIX 12-VIII CRITICAL LANDFORM/VEGETATION ASSOCIATION

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)	
			Pantagruel Creek Provincial Nature Reserve	Coarse Lacustrine & Glaciolacustrine	Open Marsh/Fen/Bog	4	4	0	0.0	
					Thicket Swamp	4	4	0	0.0	
			Sandbar Lake Provincial Park (Natural Environment Class)	Fine Lacustrine & Glaciolacustrine	Conifer Swamp/Fen/Bog	7	7	0	0.0	
				Glaciofluvial Esker-Kettle Terrain	Conifer Swamp/Fen/Bog	1	1	0	0.0	
				Glaciofluvial Outwash	Tamarack Dominated	7	7	0	0.0	
			Silver Falls Provincial Park	End Moraine	Balsam Fir	1	1	0	0.0	
					Conifer Swamp/Fen/Bog	1	1	0	0.0	
					Thicket Swamp	3	3	0	0.0	
					White Birch Assn.	14	14	0	0.0	
				Fine Ground Moraine	White Birch-Aspen	36	36	0	0.0	
					Intol Hdwd-Other Con Mixed	36	36	0	0.0	
					Jack Pine-Spruces-Bal. Fir	14	14	0	0.0	
					Thicket Swamp	1	1	0	0.0	
				Fine Lacustrine & Glaciolacustrine	White Birch-Aspen	1	1	0	0.0	
					Balsam Fir	17	17	0	0.0	
					Glaciofluvial Delta	Balsam Fir	26	26	0	0.0
						Black Spruce Dominated	20	20	0	0.0
						Jack Pine-Spruces-Bal. Fir	1	1	0	0.0
						Open Marsh/Fen/Bog	2	2	0	0.0
			Precambrian Basic to Int. Bdrck	Thicket Swamp	7	7	0	0.0		
				Balsam Fir	0	0	0	0.0		
				Conifer Swamp/Fen/Bog	9	9	0	0.0		
				Intol Hdwd-Other Con Mixed	80	80	0	0.0		
			Turtle River-White Otter Lake Provincial Park (Waterway Class)	Open Marsh/Fen/Bog	7	7	0	0.0		
				Thicket Swamp	10	10	0	0.0		
				Black Spruce Dominated	14	14	0	0.0		
				Jack Pine-Spruces-Bal. Fir	43	43	0	0.0		
			Wabakimi Provincial Park	Precambrian Basic to Int. Bdrck	Open Marsh/Fen/Bog	4	4	0	0.0	
					Thicket Swamp	1	1	0	0.0	
			3W-3	Conservation Reserve	Intol Hdwd-Other Con Mixed	1	1	0	0.0	
Black Bay Bog Conservation Reserve	Organic Deposits	Balsam Fir			0	0	0	0.0		
Kama Cliffs Conservation Reserve	Colluvium (Coarse)	Open Marsh/Fen/Bog			0	0	0	0.0		
	Glaciofluvial Outwash	Exposed Rock			<1	<1	<1	-20.6		
Lake Nipigon Conservation Reserve	Alluvial & Fluvial Deposits	Conifer Swamp/Fen/Bog			5	5	0	0.0		
		Exposed Rock			0	0	0	0.0		
		Jack Pine-Spruces-Bal. Fir			0	0	0	0.0		
			White Birch-Aspen	1	1	0	0.0			

**APPENDIX 12-VIII
CRITICAL LANDFORM/VEGETATION ASSOCIATION**

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)	
				Coarse Ground Moraine	Hardwoods-Black Ash	2	2	0	0.0	
					White Pine-Red Pine	2	2	0	0.0	
				End Moraine	Black Spruce-Tam. Mixed	8	8	0	0.0	
					Open Marsh/Fen/Bog	3	3	0	0.0	
					Thicket Swamp	1	1	0	0.0	
				Fine Lacustrine & Glaciolacustrine	Hardwoods-Black Ash	7	7	0	0.0	
					White Pine-Red Pine	25	25	0	0.0	
				Glaciofluvial Delta	Balsam Fir	6	6	0	0.0	
					Conifer Swamp/Fen/Bog	3	3	0	0.0	
					Jack Pine-Spruces-Bal. Fir	1	1	0	0.0	
					Open Marsh/Fen/Bog	3	3	0	0.0	
					Thicket Swamp	1	1	0	0.0	
					White Birch-Aspen	10	10	0	0.0	
					White Spruce	11	11	0	0.0	
				Glaciofluvial Esker-Kettle Terrain	Conifer Swamp/Fen/Bog	2	2	0	0.0	
					Jack Pine (pure)	2	2	0	0.0	
					Jack Pine-Spruces-Bal. Fir	19	19	0	0.0	
					Open Marsh/Fen/Bog	9	9	0	0.0	
					Thicket Swamp	14	14	0	0.0	
				Glaciofluvial Outwash	White Birch Assn.	35	35	0	0.0	
					Conifer Swamp/Fen/Bog	3	3	0	0.0	
				Organic Deposits	Balsam Fir	21	21	0	0.0	
					Hardwoods-Black Ash	0	0	0	0.0	
				Precambrian Int. to Acidic Bdrck	Conifer Swamp/Fen/Bog	7	7	0	0.0	
					Exposed Rock	10	10	0	0.0	
					Tamarack Dominated	2	2	0	0.0	
					Thicket Swamp	27	27	0	0.0	
				Nipigon Palisades Conservation Reserve	Colluvium (Coarse)	Balsam Fir	14	14	0	0.0
						Conifer Swamp/Fen/Bog	1	1	0	0.0
						Jack Pine (pure)	7	7	0	0.0
						Jack Pine-Spruces-Bal. Fir	5	5	0	0.0
						Open Marsh/Fen/Bog	4	4	0	0.0
					White Spruce	30	30	0	0.0	
				Glaciofluvial Outwash	Conifer Swamp/Fen/Bog	4	4	0	0.0	
					Exposed Rock	13	13	0	0.0	
				Nipigon River Conservation Reserve	Colluvium (Coarse)	Open Marsh/Fen/Bog	0	0	0	0.0
						Thicket Swamp	0	0	0	0.0
					Glaciofluvial Esker-Kettle Terrain	Aspen Dominated	23	23	0	0.0

APPENDIX 12-VIII CRITICAL LANDFORM/VEGETATION ASSOCIATION

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)		
		Ottertooth Conservation Reserve		Alluvial & Fluvial Deposits	Jack Pine Mixedwoods	0	0	0	0.0		
				Coarse Ground Moraine	Tamarack Dominated	13	13	0	0.0		
				Glaciofluvial Esker-Kettle Terrain	Jack Pine (pure)	10	10	0	0.0		
					Jack Pine-Spruces-Bal. Fir	13	13	0	0.0		
				Glaciofluvial Outwash	Conifer Swamp/Fen/Bog	33	33	0	0.0		
					Exposed Rock	21	21	0	0.0		
				Organic Deposits	Exposed Rock	4	4	0	0.0		
					Precambrian Int. to Acidic Bdrck	Conifer Swamp/Fen/Bog	7	7	0	0.0	
						Exposed Rock	23	23	0	0.0	
				Thicket Swamp	0	0	0	0.0			
				Shook Lake Conservation Reserve	Organic Deposits	White Pine-Red Pine	29	29	0	0.0	
				National Marine Conservation Area	Lake Superior National Marine Conservation Area	Fine Ground Moraine	Balsam Fir	9	9	0	0.0
							Exposed Rock	2	2	0	0.0
		Fine Lacustrine & Glaciolacustrine	Grass and Meadow			0	0	0	0.0		
		Glaciofluvial Delta	Balsam Fir			0	0	0	0.0		
			White Spruce			0	0	0	0.0		
		Precambrian Int. to Acidic Bdrck	Exposed Rock	0	0	0	0.0				
		Provincial Park	Albert Lake Mesa Provincial Nature Reserve	Black sturgeon river provincial park (waterway class)	Glaciofluvial Esker-Kettle Terrain	Aspen Dominated	0	0	0	0.0	
						Alluvial & Fluvial Deposits	Conifer Swamp/Fen/Bog	13	13	0	0.0
							Exposed Rock	1	1	0	0.0
							Jack Pine Mixedwoods	7	7	0	0.0
							Jack Pine-Spruces-Bal. Fir	21	21	0	0.0
							White Birch-Aspen	40	40	0	0.0
							White Spruce	4	4	0	0.0
						Colluvium (Coarse)	Balsam Fir	8	8	0	0.0
							Conifer Swamp/Fen/Bog	1	1	0	0.0
							Open Marsh/Fen/Bog	3	3	0	0.0
							Thicket Swamp	4	4	0	0.0
						End Moraine	White Spruce	3	3	0	0.0
							Balsam Fir	20	20	0	0.0
							Jack Pine (pure)	11	11	0	0.0
							Open Marsh/Fen/Bog	17	17	0	0.0
							Thicket Swamp	25	25	0	0.0
						Glaciofluvial Delta	White Birch-Aspen	8	8	0	0.0
		Conifer Swamp/Fen/Bog	5	5	0		0.0				
		Open Marsh/Fen/Bog	2	2	0		0.0				
		White Birch-Aspen	19	19	0		0.0				

**APPENDIX 12-VIII
CRITICAL LANDFORM/VEGETATION ASSOCIATION**

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)	
				Glaciofluvial Outwash	Conifer Swamp/Fen/Bog	3	3	0	0.0	
					Exposed Rock	11	11	0	0.0	
				Organic Deposits	Balsam Fir	8	8	0	0.0	
				Precambrian Int. to Acidic Bdrck	Conifer Swamp/Fen/Bog	4	4	0	0.0	
					Exposed Rock	4	4	0	0.0	
					Thicket Swamp	6	6	0	0.0	
					White Pine-Red Pine	11	11	0	0.0	
		Gull River Provincial Park (Waterway Class)		Coarse Lacustrine & Glaciolacustrine	Black Spruce-Tam. Mixed	5	5	0	0.0	
					Glaciofluvial Outwash	Exposed Rock	4	4	0	0.0
		Kabitotikwia River Provincial Nature Reserve		Glaciofluvial Esker-Kettle Terrain	Conifer Swamp/Fen/Bog	2	2	0	0.0	
						Open Marsh/Fen/Bog	23	23	0	0.0
						White Birch Assn.	8	8	0	0.0
					Organic Deposits	Balsam Fir	0	0	0	0.0
		Kopka River Provincial Park (Waterway Class)		Coarse Lacustrine & Glaciolacustrine	Tamarack Dominated	11	11	0	0.0	
					End Moraine	Balsam Fir	6	6	0	0.0
					Glaciofluvial Outwash	Conifer Swamp/Fen/Bog	1	1	0	0.0
		Pantagruel Creek Provincial Nature Reserve		Alluvial & Fluvial Deposits	Exposed Rock	0	0	0	0.0	
						Jack Pine Mixedwoods	14	14	0	0.0
						White Birch-Aspen	2	2	0	0.0
					Glaciofluvial Esker-Kettle Terrain	Aspen Dominated	6	6	0	0.0
						Jack Pine (pure)	28	28	0	0.0
						Open Marsh/Fen/Bog	2	2	0	0.0
						Thicket Swamp	2	2	0	0.0
					Glaciofluvial Outwash	Conifer Swamp/Fen/Bog	4	4	0	0.0
						Exposed Rock	0	0	0	0.0
						Organic Deposits	Exposed Rock	0	0	0
		Ruby Lake Provincial Park (Natural Environment Class)		Colluvium (Coarse)	Jack Pine-Spruces-Bal. Fir	0	0	0	0.0	
						Open Marsh/Fen/Bog	1	1	0	0.0
						Thicket Swamp	2	2	0	0.0
					Organic Deposits	Exposed Rock	38	38	0	0.0
		Sleeping Giant Provincial Park		Colluvium (Coarse)	Balsam Fir	1	1	0	0.0	
						Fine Ground Moraine	Balsam Fir	19	19	0
						Black Spruce-Tam. Mixed	23	23	0	0.0
						Exposed Rock	5	5	0	0.0
						Jack Pine-Spruces-Bal. Fir	18	18	0	0.0
					Precambrian Basic to Int. Bdrck	Grass and Meadow	1	1	0	0.0
							Hardwoods-Black Ash	4	4	0

APPENDIX 12-VIII CRITICAL LANDFORM/VEGETATION ASSOCIATION

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)
			West Bay Provincial Nature Reserve	Glaciofluvial Delta	Balsam Fir	31	31	0	0.0
					Conifer Swamp/Fen/Bog	7	7	0	0.0
					Open Marsh/Fen/Bog	9	9	0	0.0
					Thicket Swamp	5	5	0	0.0
			Windigo Bay Provincial Park	Alluvial & Fluvial Deposits	Conifer Swamp/Fen/Bog	0	0	0	0.0
					Exposed Rock	0	0	0	0.0
					Jack Pine-Spruces-Bal. Fir	4	4	0	0.0
					Thicket Swamp	0	0	0	0.0
		Precambrian Int. to Acidic Bdrck		Conifer Swamp/Fen/Bog	6	6	0	0.0	
				Exposed Rock	2	2	0	0.0	
				Thicket Swamp	0	0	0	0.0	
				Thicket Swamp	0	0	0	0.0	
		Recommended Conservation Reserve	Lake Superior Archipelago Conservation Reserve	Colluvium (Coarse)	Balsam Fir	2	2	0	0.0
					Open Marsh/Fen/Bog	0	0	0	0.0
					Thicket Swamp	2	2	0	0.0
				Fine Ground Moraine	Balsam Fir	193	193	0	0.0
					Organic Deposits	29	29	0	0.0
				Precambrian Int. to Acidic Bdrck	Exposed Rock	1	1	0	0.0
			Conifer Swamp/Fen/Bog		3	3	0	0.0	
			Exposed Rock		10	10	0	0.0	
			Thicket Swamp		4	4	0	0.0	
Recommended Provincial Park	Black Sturgeon River Provincial Park Addition		Alluvial & Fluvial Deposits	Jack Pine-Spruces-Bal. Fir	1	1	0	0.0	
				Thicket Swamp	0	0	0	0.0	
LVFN	3W-5		Conservation Reserve	Fishnet lake conservation reserve	Glaciofluvial Outwash	Treed Fen	3	3	0
		Precambrian Int. to Acidic Bedrock			Open Fen	2	2	0	0.0
					Thicket Swamp	5	5	0	0.0
		Gravel River Conservation Reserve		Alluvial & Fluvial Deposits	Bedrock	18	18	0	0.0
					Disturbance - Non and Sparse Woody	0	0	0	0.0
					Disturbance - Treed and/or Shrub	13	13	0	0.0
			Fresh Water Marsh		1	1	0	0.0	
			Sparse Treed		6	6	<1	-4.7	
			Treed Fen		1	1	0	0.0	
			Coarse Lacustrine & Glaciolacustrine	Disturbance - Treed and/or Shrub	1	1	0	0.0	
				Sparse Treed	2	2	0	0.0	
				Thicket Swamp	2	2	0	0.0	
		Glaciofluvial Outwash		Treed Bog	29	27	-2	-6.8	
				Treed Fen	3	3	0	0.0	
				Bedrock	7	7	0	0.0	

**APPENDIX 12-VIII
CRITICAL LANDFORM/VEGETATION ASSOCIATION**

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)
					Disturbance - Non and Sparse Woody	5	5	0	0.0
					Fresh Water Marsh	5	5	0	0.0
					Sparse Treed	4	4	0	0.0
					Thicket Swamp	11	11	0	0.0
					Treed Bog	1	1	0	0.0
					Treed Fen	3	3	0	0.0
				Precambrian Basic to Int. Bedrock	Thicket Swamp	18	18	0	0.0
				Precambrian Int. to Acidic Bedrock	Bedrock	10	10	0	0.0
					Open Fen	30	30	0	0.0
					Thicket Swamp	4	4	0	0.0
					Treed Bog	16	16	0	0.0
			Isko Dewabo Lake Complex Conservation Reserve	Organic Deposits	Coniferous Swamp	24	24	0	0.0
					Deciduous Swamp	2	2	0	0.0
					Open Bog	0	0	0	0.0
					Thicket Swamp	0	0	0	0.0
					Treed Fen	2	2	0	0.0
				Precambrian Int. to Acidic Bedrock	Bedrock	2	2	0	0.0
					Deciduous Swamp	29	29	0	0.0
					Open Bog	19	19	0	0.0
					Open Fen	9	9	0	0.0
					Thicket Swamp	2	2	0	0.0
					Treed Bog	19	19	0	0.0
			Killala Lake Conservation Reserve	Fine Lacustrine & Glaciolacustrine	Coniferous Treed	13	13	0	0.0
					Deciduous Treed	4	4	0	0.0
				Glaciofluvial Esker-Kettle Terrain	Coniferous Swamp	0	0	0	0.0
					Deciduous Treed	7	7	0	0.0
					Disturbance - Treed and/or Shrub	3	3	0	0.0
					Fresh Water Marsh	1	1	0	0.0
					Thicket Swamp	1	1	0	0.0
					Treed Bog	3	3	0	0.0
				Glaciofluvial Outwash	Deciduous Swamp	6	6	0	0.0
					Disturbance - Non and Sparse Woody	1	1	0	0.0
					Open Fen	5	5	0	0.0
					Thicket Swamp	4	4	0	0.0
					Treed Bog	1	1	0	0.0
					Treed Fen	29	29	0	0.0

**APPENDIX 12-VIII
CRITICAL LANDFORM/VEGETATION ASSOCIATION**

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)
				Precambrian Basic to Int. Bedrock	Thicket Swamp	1	1	0	0.0
				Precambrian Int. to Acidic Bedrock	Bedrock	12	12	0	0.0
					Thicket Swamp	7	7	0	0.0
					Treed Bog	3	3	0	0.0
		Lake Superior North Shore Conservation Reserve		Glaciofluvial Outwash	Treed Fen	2	2	0	0.0
				Precambrian Int. to Acidic Bedrock	Bedrock	9	9	<1	<0.1
					Open Fen	3	3	0	0.0
					Sand/Gravel/Mine Tailings	1	1	0	0.0
		Nipigon Palisades Conservation Reserve		Coarse Lacustrine & Glaciolacustrine	Bedrock	2	2	0	0.0
				Fine Lacustrine & Glaciolacustrine	Coniferous Swamp	16	16	0	0.0
					Coniferous Treed	8	8	0	0.0
					Deciduous Treed	19	19	0	0.0
					Disturbance - Treed and/or Shrub	1	1	0	0.0
					Fresh Water Marsh	4	4	0	0.0
					Treed Bog	1	1	0	0.0
				Glaciofluvial Outwash	Bedrock	7	7	0	0.0
					Disturbance - Non and Sparse Woody	2	2	0	0.0
					Sparse Treed	1	1	0	0.0
				Precambrian Basic to Int. Bedrock	Thicket Swamp	0	0	0	0.0
				Precambrian Int. to Acidic Bedrock	Bedrock	5	5	0	0.0
					Thicket Swamp	0	0	0	0.0
		Seahorse Lake Conservation Reserve		Organic Deposits	Coniferous Swamp	4	4	0	0.0
					Open Fen	13	13	0	0.0
					Treed Bog	5	5	0	0.0
				Precambrian Int. to Acidic Bedrock	Open Fen	6	6	0	0.0
					Treed Bog	8	8	0	0.0
		National Marine Conservation Area	Lake Superior National Marine Conservation Area	Alluvial & Fluvial Deposits	Disturbance - Non and Sparse Woody	0	0	0	0.0
				Coarse Lacustrine & Glaciolacustrine	Disturbance - Non and Sparse Woody	0	0	0	0.0
					Sand/Gravel/Mine Tailings	0	0	0	0.0
					Sparse Treed	0	0	0	0.0
				Fine Lacustrine & Glaciolacustrine	Fresh Water Marsh	0	0	0	0.0
				Glaciofluvial Outwash	Sand/Gravel/Mine Tailings	0	0	0	0.0
					Sparse Treed	3	3	0	0.0
				Precambrian Int. to Acidic Bedrock	Bedrock	2	2	<1	<0.1

APPENDIX 12-VIII CRITICAL LANDFORM/VEGETATION ASSOCIATION

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)	
					Open Fen	0	0	0	0.0	
					Sand/Gravel/Mine Tailings	0	0	0	0.0	
		Provincial Park	Craig's Pit Provincial Nature Reserve	Coarse Lacustrine & Glaciolacustrine	Disturbance - Treed and/or Shrub	2	2	0	0.0	
					Fine Lacustrine & Glaciolacustrine	Coniferous Swamp	0	0	0	0.0
					Coniferous Treed	2	2	0	0.0	
				Glaciofluvial Delta		Coniferous Swamp	3	3	0	0.0
						Coniferous Treed	50	50	0	0.0
						Disturbance - Treed and/or Shrub	16	16	0	0.0
						Open Bog	2	2	0	0.0
					Treed Fen	3	3	0	0.0	
			Gravel River Provincial Nature Reserve	Alluvial & Fluvial Deposits		Disturbance - Non and Sparse Woody	0	0	0	0.0
						Fresh Water Marsh	1	1	0	0.0
						Open Fen	3	3	0	0.0
						Treed Bog	10	10	<1	-3.2
				Coarse Lacustrine & Glaciolacustrine		Disturbance - Treed and/or Shrub	5	5	0	0.0
						Open Fen	0	0	0	0.0
		Thicket Swamp				0	0	0	0.0	
				Treed Bog	<1	<1	<	-8.3		
		Fine Lacustrine & Glaciolacustrine			Coniferous Treed	2	2	0	0.0	
					Fresh Water Marsh	3	3	0	0.0	
			Thicket Swamp		2	2	0	0.0		
		Neys Provincial Park (Natural Environment Class)	Coarse Lacustrine & Glaciolacustrine		Bedrock	4	4	0	0.0	
					Fresh Water Marsh	1	1	0	0.0	
					Open Fen	1	1	0	0.0	
					Sparse Treed	8	8	0	0.0	
			Fine Lacustrine & Glaciolacustrine		Coniferous Swamp	9	9	0	0.0	
					Coniferous Treed	85	85	0	0.0	
					Deciduous Treed	59	59	0	0.0	
					Sparse Treed	1	1	0	0.0	
			Precambrian Basic to Int. Bedrock	Thicket Swamp	<1	<1	<1	<0.1		
			Prairie River Mouth Provincial Nature Reserve	Coarse Lacustrine & Glaciolacustrine		Sand/Gravel/Mine Tailings	10	10	0	0.0
		Sparse Treed				4	4	0	0.0	
		Thicket Swamp				2	2	0	0.0	
		Treed Fen				1	1	0	0.0	
		Organic Deposits				Bedrock	4	4	0	0.0

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CRITICAL LANDFORM/VEGETATION ASSOCIATION**

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)
					Coniferous Swamp	7	7	0	0.0
					Mixed Treed	4	4	0	0.0
					Treed Bog	2	2	0	0.0
				Precambrian Basic to Int. Bedrock	Sand/Gravel/Mine Tailings	1	1	0	0.0
				Precambrian Int. to Acidic Bedrock	Bedrock	10	10	0	0.0
					Open Fen	0	0	0	0.0
		Rainbow Falls Provincial Park	Coarse Lacustrine & Glaciolacustrine		Sand/Gravel/Mine Tailings	1	1	0	0.0
					Sparse Treed	3	3	0	0.0
			Precambrian Int. to Acidic Bedrock		Sand/Gravel/Mine Tailings	1	1	0	0.0
		Isle of the Nations Provincial Park	Precambrian Int. to Acidic Bedrock		Open Fen	0	0	0	0.0
		Steel River Provincial Park	Alluvial & Fluvial Deposits		Disturbance - Non and Sparse Woody	2	2	0	0.0
					Disturbance - Treed and/or Shrub	4	4	0	0.0
					Sparse Treed	0	0	0	0.0
					Treed Fen	0	0	0	0.0
				Glaciofluvial Esker-Kettle Terrain	Deciduous Treed	1	1	0	0.0
					Disturbance - Non and Sparse Woody	5	5	0	0.0
					Disturbance - Treed and/or Shrub	18	18	0	0.0
				Glaciofluvial Outwash	Disturbance - Non and Sparse Woody	7	7	0	0.0
					Open Fen	3	3	0	0.0
					Sparse Treed	0	0	0	0.0
					Thicket Swamp	1	1	0	0.0
					Treed Fen	0	0	0	0.0
				Organic Deposits	Deciduous Treed	1	1	0	0.0
					Mixed Treed	1	1	0	0.0
			Precambrian Basic to Int. Bedrock		Thicket Swamp	2	2	0	0.0
			Precambrian Int. to Acidic Bedrock		Deciduous Swamp	1	1	0	0.0
					Open Fen	0	0	0	0.0
					Thicket Swamp	2	2	0	0.0
		Recommended Provincial Park	Craig's Pit Provincial Park Addition	Fine Lacustrine & Glaciolacustrine	Coniferous Swamp	13	13	0	0.0
					Coniferous Treed	31	31	0	0.0
					Deciduous Swamp	4	4	0	0.0
					Deciduous Treed	8	8	0	0.0
					Disturbance - Treed and/or Shrub	10	10	0	0.0

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Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)		
				Glaciofluvial Delta	Open Fen	2	2	0	0.0		
					Treed Fen	1	1	0	0.0		
					Bedrock	0	0	0	0.0		
					Coniferous Swamp	7	7	0	0.0		
					Coniferous Treed	10	10	0	0.0		
					Deciduous Swamp	4	4	0	0.0		
					Disturbance - Treed and/or Shrub	21	21	0	0.0		
					Open Bog	3	3	0	0.0		
				Treed Fen	1	1	0	0.0			
				Precambrian Int. to Acidic Bedrock	Deciduous Swamp	9	9	0	0.0		
				Treed Bog	1	1	0	0.0			
				Open Bog	0	0	0	0.0			
				LV2000	4E-1	Conservation Reserve	Tikamaganda Lake Conservation Reserve	Organic Deposits	Open Bog	0	0
Provincial Park	Lake Superior Provincial Park (Natural Environment Class)	Alluvial & Fluvial Deposits	Bedrock						37	37	0
Open Bog			19			19	0	0.0			
Coarse Ground Moraine		Open Bog	12			12	0	0.0			
		Coarse Lacustrine & Glaciolacustrine	Bedrock			31	31	0	0.0		
Glaciofluvial Esker-Kettle Terrain			Coniferous Forest			21	21	0	0.0		
			Sparse Forest			4	4	0	0.0		
		Treed Bog	5			5	0	0.0			
Glaciofluvial Outwash		Open Bog	20			20	0	0.0			
Organic Deposits		Open Bog	12			12	0	0.0			
Precambrian Basic to Int. Bedrock		Treed Bog	39			39	0	0.0			
LVFRI		4W-2	Conservation Reserve			Fallingsnow Lake Conservation Reserve	Fine Ground Moraine	Aspen Dominated	6	6	0
	Black Spruce Dominated							0	0	0	0.0
	Jack Pine (pure)			0	0			0	0.0		
	Jack Pine Mixedwoods			8	8			0	0.0		
	Jack Pine-Spruces-Bal. Fir			3	3			0	0.0		
	Open Marsh/Fen/Bog			2	2			0	0.0		
	Thicket Swamp			1	1			0	0.0		
	White Birch Assn.			9	9			0	0.0		
	Fine Lacustrine & Glaciolacustrine			Black Spruce Dominated	0		0	0	0.0		
	Precambrian Basic to Int. Bdrck			White Cedar	2		2	0	0.0		
	Provincial Park			Arrow Lake Provincial Park	Glaciofluvial Delta		Black Spruce Dominated	6	6	0	0.0
			Conifer Swamp/Fen/Bog			8	8	0	0.0		
			Exposed Rock			5	5	0	0.0		
Open Marsh/Fen/Bog		1	1			0	0.0				

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CRITICAL LANDFORM/VEGETATION ASSOCIATION**

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)		
					White Birch Assn.	1	1	0	0.0		
					White Birch-Aspen	37	37	0	0.0		
					Precambrian Basic to Int. Bdrck	Conifer Swamp/Fen/Bog	4	4	0	0.0	
				Castle Creek Provincial Nature Reserve	Colluvium (Coarse)	Balsam Fir	8	8	0	0.0	
						Black Spruce Dominated	1	1	0	0.0	
						Exposed Rock	3	3	0	0.0	
						Jack Pine Mixedwoods	0	0	0	0.0	
						Thicket Swamp	0	0	0	0.0	
						White Cedar	5	5	0	0.0	
						Glaciofluvial Delta	Exposed Rock	1	1	0	0.0
							Jack Pine Mixedwoods	11	11	0	0.0
							Jack-Red-White Pine	10	10	0	0.0
							White Cedar	4	4	0	0.0
				Precambrian Basic to Int. Bdrck	Jack-Red-White Pine	28	28	0	0.0		
					White Cedar	6	6	0	0.0		
				Devon Road Mesa Provincial Nature Reserve	Fine Lacustrine & Glaciolacustrine	White Birch-Aspen	2	2	0	0.0	
				Divide Ridge Provincial Park (Nature Reserve Class)	Colluvium (Coarse)	Black Spruce Dominated	24	24	0	0.0	
						Jack Pine Mixedwoods	17	17	0	0.0	
						Open Marsh/Fen/Bog	1	1	0	0.0	
					Fine Ground Moraine	Aspen Dominated	3	3	0	0.0	
						Black Spruce Dominated	0	0	0	0.0	
					Organic Deposits	Jack Pine (pure)	8	8	0	0.0	
						Jack Pine Mixedwoods	1	1	0	0.0	
					Precambrian Basic to Int. Bdrck	Hardwoods-Black Ash	0	0	0	0.0	
				Fraleigh Lake Provincial Nature Reserve	Colluvium (Coarse)	Black Spruce Dominated	2	2	0	0.0	
						Exposed Rock	4	4	0	0.0	
						Jack Pine (pure)	0	0	0	0.0	
						White Cedar	9	9	0	0.0	
					Fine Ground Moraine	Aspen Dominated	1	1	0	0.0	
						Open Marsh/Fen/Bog	1	1	0	0.0	
						White Cedar	0	0	0	0.0	
					Fine Lacustrine & Glaciolacustrine	Balsam Fir	0	0	0	0.0	
						Black Spruce Dominated	1	1	0	0.0	
Jack Pine-Spruces-Bal. Fir	2	2	0			0.0					
Open Marsh/Fen/Bog	6	6	0			0.0					
Organic Deposits	Exposed Rock	1	1		0	0.0					
	Jack Pine (pure)	18	18		0	0.0					

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Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)	
					Jack Pine Mixedwoods	0	0	0	0.0	
					Jack Pine-Spruces-Bal. Fir	18	18	0	0.0	
				Precambrian Basic to Int. Bdrck	White Cedar	0	0	0	0.0	
		Kakabeka Falls Provincial Park	Alluvial & Fluvial Deposits		Aspen Dominated	11	11	0	0.0	
					Balsam Fir	43	43	0	0.0	
					Grass and Meadow	1	1	0	0.0	
					Open Marsh/Fen/Bog	0	0	0	0.0	
					White Birch-Aspen	2	2	0	0.0	
					White Cedar	10	10	0	0.0	
					Coarse Lacustrine & Glaciolacustrine	Black Spruce-Tam. Mixed	3	3	0	0.0
						Jack Pine (pure)	0	0	0	0.0
						Jack Pine Mixedwoods	1	1	0	0.0
						Open Marsh/Fen/Bog	10	10	0	0.0
					White Spruce	0	0	0	0.0	
				Fine Lacustrine & Glaciolacustrine	Balsam Fir	16	16	0	0.0	
					Grass and Meadow	4	4	0	0.0	
					Jack Pine Mixedwoods	0	0	0	0.0	
					Open Marsh/Fen/Bog	23	23	0	0.0	
					White Birch-Aspen	10	10	0	0.0	
					White Spruce	18	18	0	0.0	
				Precambrian Basic to Int. Bdrck	Black Spruce-Tam. Mixed	12	12	0	0.0	
			La Verendrye Provincial Park	Alluvial & Fluvial Deposits		Aspen Dominated	6	6	0	0.0
						Balsam Fir	0	0	0	0.0
					Black Spruce Dominated	1	1	0	0.0	
					Intol Hdwd-Other Con Mixed	9	9	0	0.0	
					Open Marsh/Fen/Bog	2	2	0	0.0	
					Red Pine Dominated	0	0	0	0.0	
					Thicket Swamp	13	13	0	0.0	
					White Cedar	8	8	0	0.0	
				Coarse Lacustrine & Glaciolacustrine	Black Spruce Dominated	2	2	0	0.0	
					Conifer Swamp/Fen/Bog	4	4	0	0.0	
					Exposed Rock	0	0	0	0.0	
					Open Marsh/Fen/Bog	6	6	0	0.0	
					Thicket Swamp	4	4	0	0.0	
					White Cedar	1	1	0	0.0	
				Colluvium (Coarse)	Balsam Fir	36	36	0	0.0	
					Conifer Swamp/Fen/Bog	2	2	0	0.0	
					Exposed Rock	12	12	0	0.0	

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Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)
					Jack Pine (pure)	9	9	0	0.0
					Jack Pine-Spruces-Bal. Fir	15	15	0	0.0
					Open Marsh/Fen/Bog	3	3	0	0.0
					Thicket Swamp	4	4	0	0.0
				Fine Ground Moraine	Aspen Dominated	217	217	0	0.0
					Balsam Fir	21	21	0	0.0
					Black Spruce Dominated	9	9	0	0.0
					Conifer Swamp/Fen/Bog	8	8	0	0.0
					Exposed Rock	1	1	0	0.0
					Jack Pine (pure)	2	2	0	0.0
					Open Marsh/Fen/Bog	9	9	0	0.0
					Thicket Swamp	0	0	0	0.0
					White Cedar	10	10	0	0.0
					White Pine-Red Pine	10	10	0	0.0
					White Spruce	17	17	0	0.0
				Fine Lacustrine & Glaciolacustrine	Balsam Fir	25	25	0	0.0
					Black Spruce Dominated	6	6	0	0.0
					Hardwoods-Black Ash	0	0	0	0.0
					Hardwoods-White Cedar	0	0	0	0.0
					Open Marsh/Fen/Bog	3	3	0	0.0
					Red Pine Dominated	2	2	0	0.0
					Thicket Swamp	1	1	0	0.0
					White Birch-Aspen	3	3	0	0.0
					White Cedar	5	5	0	0.0
				Glaciofluvial Delta	Jack Pine (pure)	2	2	0	0.0
					Jack Pine Mixedwoods	1	1	0	0.0
					Open Marsh/Fen/Bog	12	12	0	0.0
					Red Pine Dominated	6	6	0	0.0
					White Pine-Red Pine	23	23	0	0.0
				Glaciofluvial Outwash	Aspen Dominated	5	5	0	0.0
					Intol Hdwd-Other Con Mixed	17	17	0	0.0
					White Birch Assn.	0	0	0	0.0
				Organic Deposits	Exposed Rock	2	2	0	0.0
				Precambrian Basic to Int. Bdrck	Conifer Swamp/Fen/Bog	20	20	0	0.0
					Red Pine Dominated	4	4	0	0.0
					White Cedar	36	36	0	0.0
				Precambrian Int. to Acidic Bdrck	Jack Pine Mixedwoods	1	1	0	0.0
					Jack Pine-Spruces-Bal. Fir	12	12	0	0.0

**APPENDIX 12-VIII
CRITICAL LANDFORM/VEGETATION ASSOCIATION**

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)
					Open Marsh/Fen/Bog	2	2	0	0.0
			Pigeon River Provincial Park	Fine Ground Moraine	Aspen Dominated	3	3	0	0.0
				Fine Lacustrine & Glaciolacustrine	Hardwoods-Black Ash	17	17	0	0.0
					Open Marsh/Fen/Bog	8	8	0	0.0
					Red Pine Dominated	29	29	0	0.0
					Thicket Swamp	24	24	0	0.0
					White Birch Assn.	17	17	0	0.0
					White Birch-Aspen	5	5	0	0.0
					Organic Deposits	Exposed Rock	2	2	0
				Hardwoods-Black Ash		14	14	0	0.0
				Hardwoods-White Cedar		6	6	0	0.0
				Precambrian Basic to Int. Bdrck	Hardwoods-Black Ash	8	8	0	0.0
					Hardwoods-White Cedar	9	9	0	0.0
					Red Pine Dominated	9	9	0	0.0
			White Cedar		2	2	0	0.0	
			Sleeping Giant Provincial Park	Coarse Lacustrine & Glaciolacustrine	Exposed Rock	2	2	0	0.0
					White Birch Assn.	9	9	0	0.0
					White Spruce	1	1	0	0.0
				Glaciofluvial Outwash	Balsam Fir	3	3	0	0.0
					Exposed Rock	1	1	0	0.0
					Intol Hdwd-Other Con Mixed	0	0	0	0.0
			Recommended Conservation Reserve	Pearson Township Conservation Reserve	White Birch Assn.	0	0	0	0.0
					Balsam Fir	3	3	0	0.0
					Black Spruce Dominated	15	15	0	0.0
					Conifer Swamp/Fen/Bog	6	6	0	0.0
					Jack Pine (pure)	2	2	0	0.0
				Open Marsh/Fen/Bog	5	5	0	0.0	
				Thicket Swamp	5	5	0	0.0	
				Organic Deposits	Hardwoods-Tamarack	7	7	0	0.0
					Jack Pine (pure)	0	0	0	0.0
					Black Spruce Dominated	0	0	0	0.0
			Exposed Rock		3	3	0	0.0	
			Hardwoods-White Cedar		1	1	0	0.0	
			Western Lake Superior Conservation Reserve	Coarse Lacustrine & Glaciolacustrine	Jack Pine Mixedwoods	19	19	0	0.0
					Open Marsh/Fen/Bog	4	4	0	0.0
					Thicket Swamp	4	4	0	0.0
					White Birch Assn.	60	60	0	0.0
					White Cedar	12	12	0	0.0

APPENDIX 12-VIII CRITICAL LANDFORM/VEGETATION ASSOCIATION

Table 12-VIII-1: Critical Landform/Vegetation Associations in the Vegetation and Wetlands Local Study Area and Regional Study Area

LV Data Source	Ecodistrict	Protected Area Type	Protected Area Name	Landform Type	Vegetation Type	Baseline Characterization (ha)	Net Effects Characterization (ha)	Change in Area (ha)	Percent Change (%)		
				Colluvium (Coarse)	Balsam Fir	1	1	0	0.0		
					Exposed Rock	9	9	0	0.0		
				Fine Ground Moraine	Aspen Dominated	27	27	0	0.0		
					Balsam Fir	66	66	0	0.0		
					Exposed Rock	20	20	0	0.0		
					Open Marsh/Fen/Bog	1	1	0	0.0		
					Thicket Swamp	0	0	0	0.0		
					White Birch Assn.	126	126	0	0.0		
					White Birch-Aspen	9	9	0	0.0		
					White Spruce	6	6	0	0.0		
				Fine Lacustrine & Glaciolacustrine	Balsam Fir	13	13	0	0.0		
					Hardwoods-Black Ash	2	2	0	0.0		
					White Birch Assn.	22	22	0	0.0		
					White Spruce	8	8	0	0.0		
				Organic Deposits	Hardwoods-White Cedar	3	3	0	0.0		
					White Spruce	4	4	0	0.0		
				Recommended Provincial Park	La Verendrye Provincial Park Addition	Fine Lacustrine & Glaciolacustrine	Black Spruce Dominated	44	44	0	0.0
							Hardwoods-Black Ash	9	9	0	0.0
							Hardwoods-White Cedar	6	6	0	0.0
							Thicket Swamp	6	6	0	0.0
							White Cedar	9	9	0	0.0
							White Pine-Red Pine	59	59	0	0.0
				Pigeon River Provincial Park Addition	Fine Lacustrine & Glaciolacustrine	Hardwoods-Black Ash	2	2	0	0.0	
Total					10,022	10,019	-3	<0.1			

ha = hectare; LV = landform/vegetation; % = percent; < = less than.