

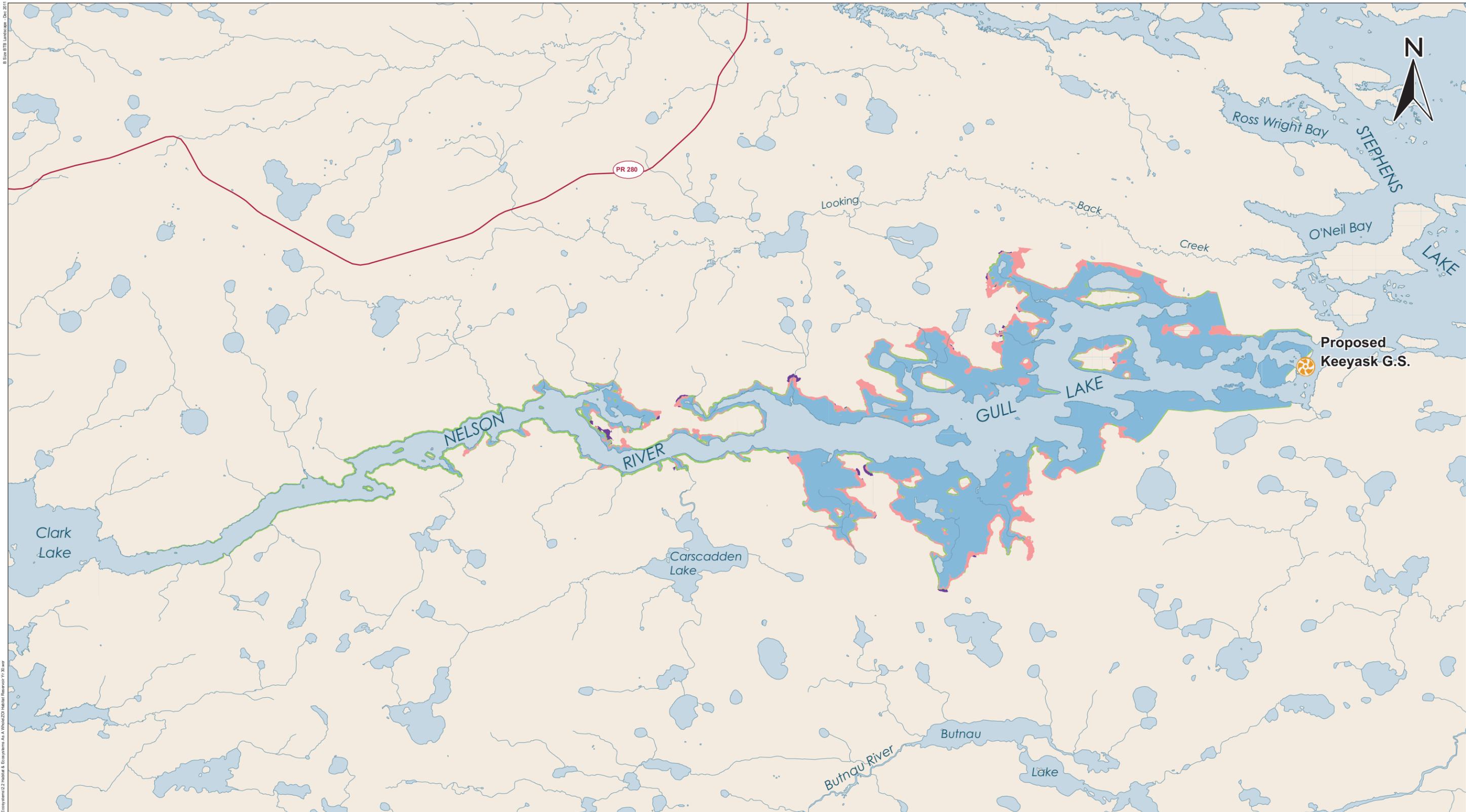


Keeyask Generation Project Environmental Impact Statement

Supporting Volume Terrestrial Environment



June 2012



B:\Site\ITD\Utilities\Doc\2011
 File Location: Z:\Workspaces\Keeyask_GS\GIS\Figures\Terrestrial\2 Habitat & Ecosystems As a Whole\20 Habitat Reservoir Y_30.wor

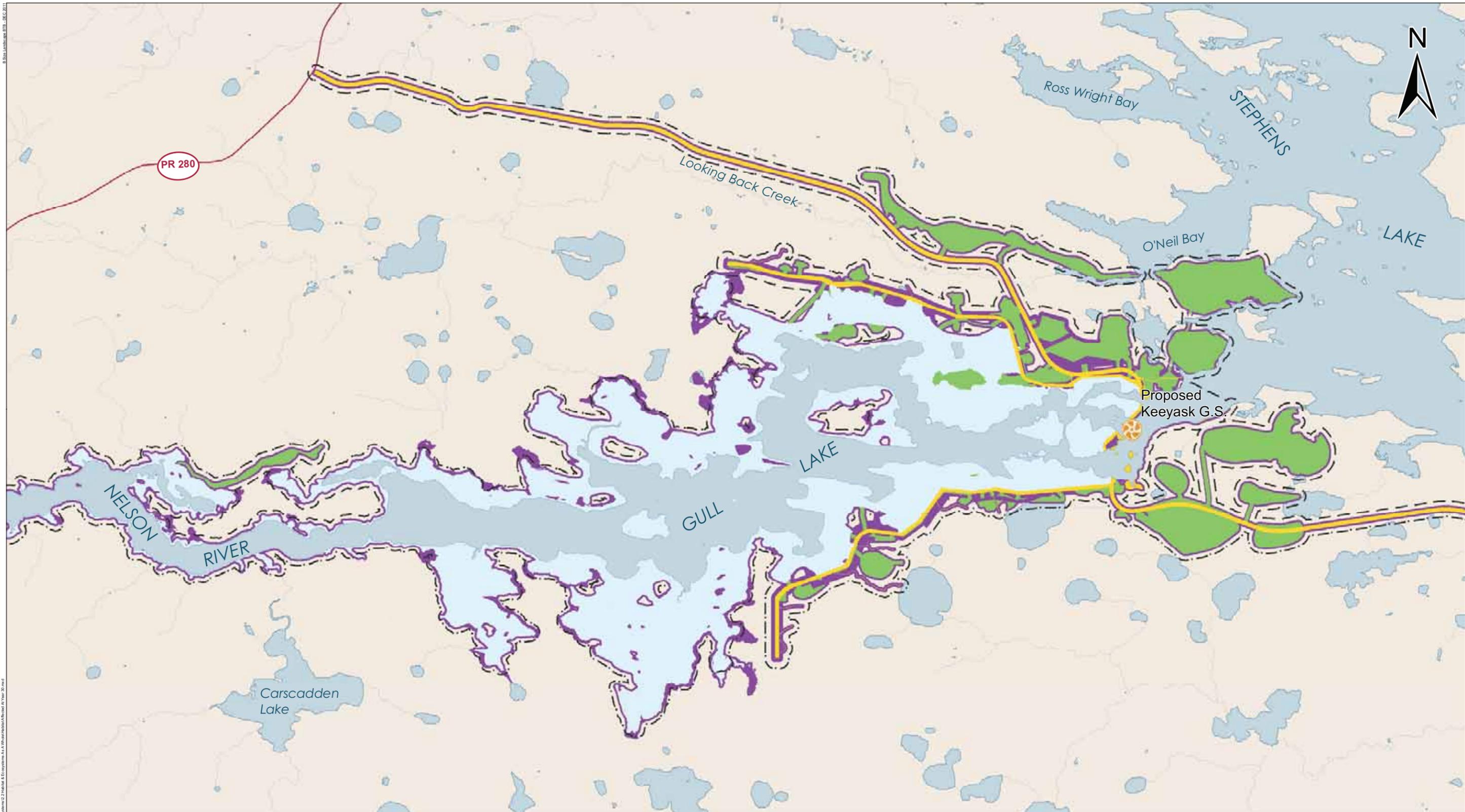


DATA SOURCE: Study areas, habitat effects and Nelson River shoreline - ECOSTEM Ltd.; Roads and rail - Manitoba Conservation; Water - NTS.		
CREATED BY: ECOSTEM Ltd.		
COORDINATE SYSTEM: UTM NAD 1983 Z15N	DATE CREATED: 30-MAY-12	REVISION DATE: 30-MAY-12
	VERSION NO.: 1.0	QA/QC: APPROVED

- Legend**
Terrestrial Habitat Effects By Source
- Reservoir
 - Edge Effects
 - Groundwater Effects (Includes Edge Effects Zone)
 - Peatland Hydrology and Long-term Reservoir Expansion

Terrestrial Habitat Effects

Year 30 of Operation



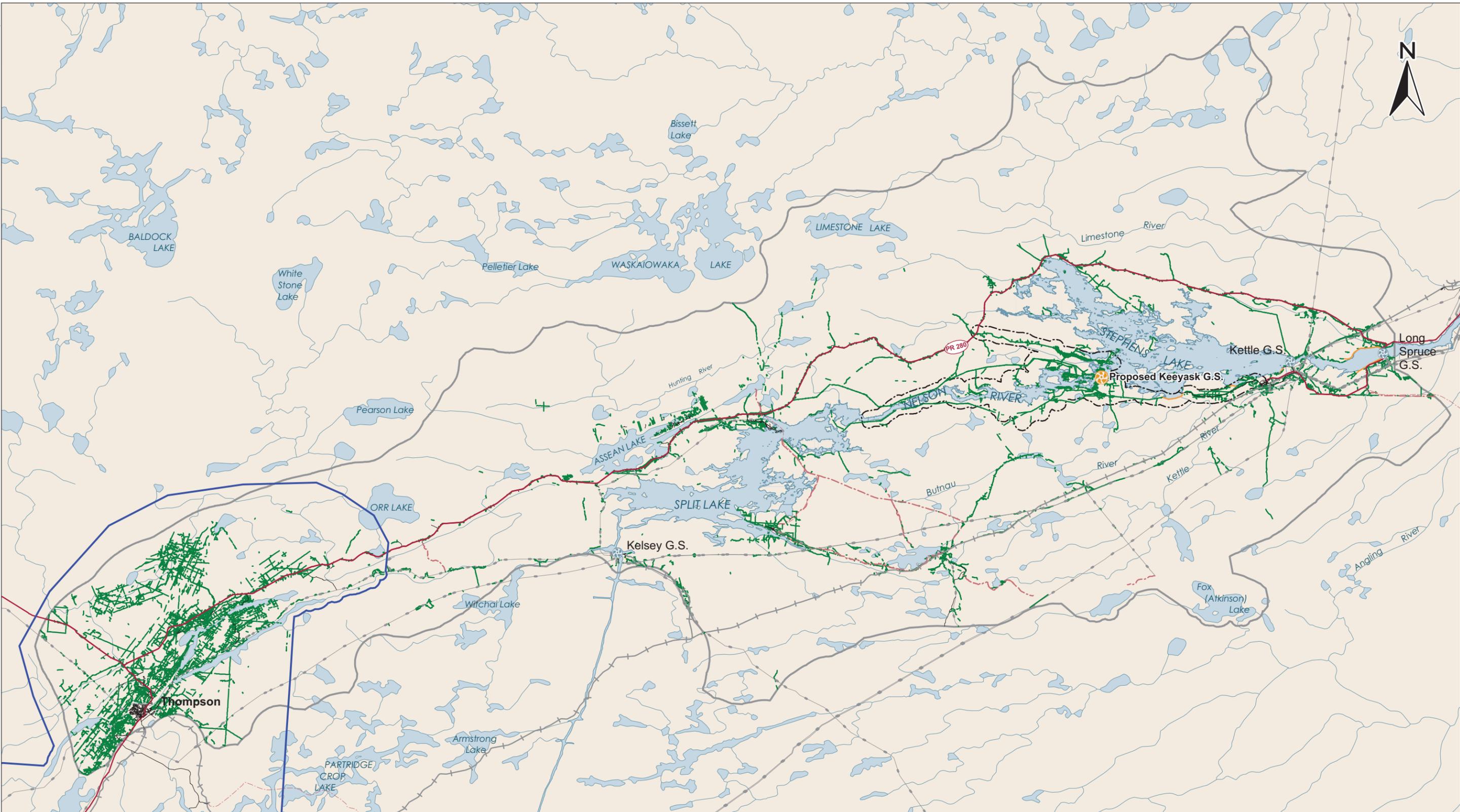
File Location: Z:\Work\Keeyask\GIS\BPR\GIS\Map\Habitat & Ecosystems\A4_1_0\Map\HabitatAffected_40Year_30.dwg
 Date: 2012-03-22 10:00:00 AM



DATA SOURCE: Study areas, habitat and Nelson River shoreline - ECOSTEM Ltd.; Water - NTS; Roads and rail - Manitoba Conservation.		
CREATED BY: ECOSTEM Ltd.		
COORDINATE SYSTEM: UTM NAD 1983 Z15N	DATE CREATED: 22-MAR-12	REVISION DATE: 03-APR-12
	VERSION NO.: 1.0	QA/QC: APPROVED

Legend Permanence of Habitat Effects [Yellow] Permanently Lost - Infrastructure [Light Blue] Permanently Lost - Reservoir [Green] Permanent and Temporary Alteration - Rehabilitated, Disturbed or Unused Construction Areas [Purple] Permanent and Temporary Alteration - Indirect Effects	Study Areas [Dashed Line] Habitat Local Study Area
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Habitat Affected at Year 30



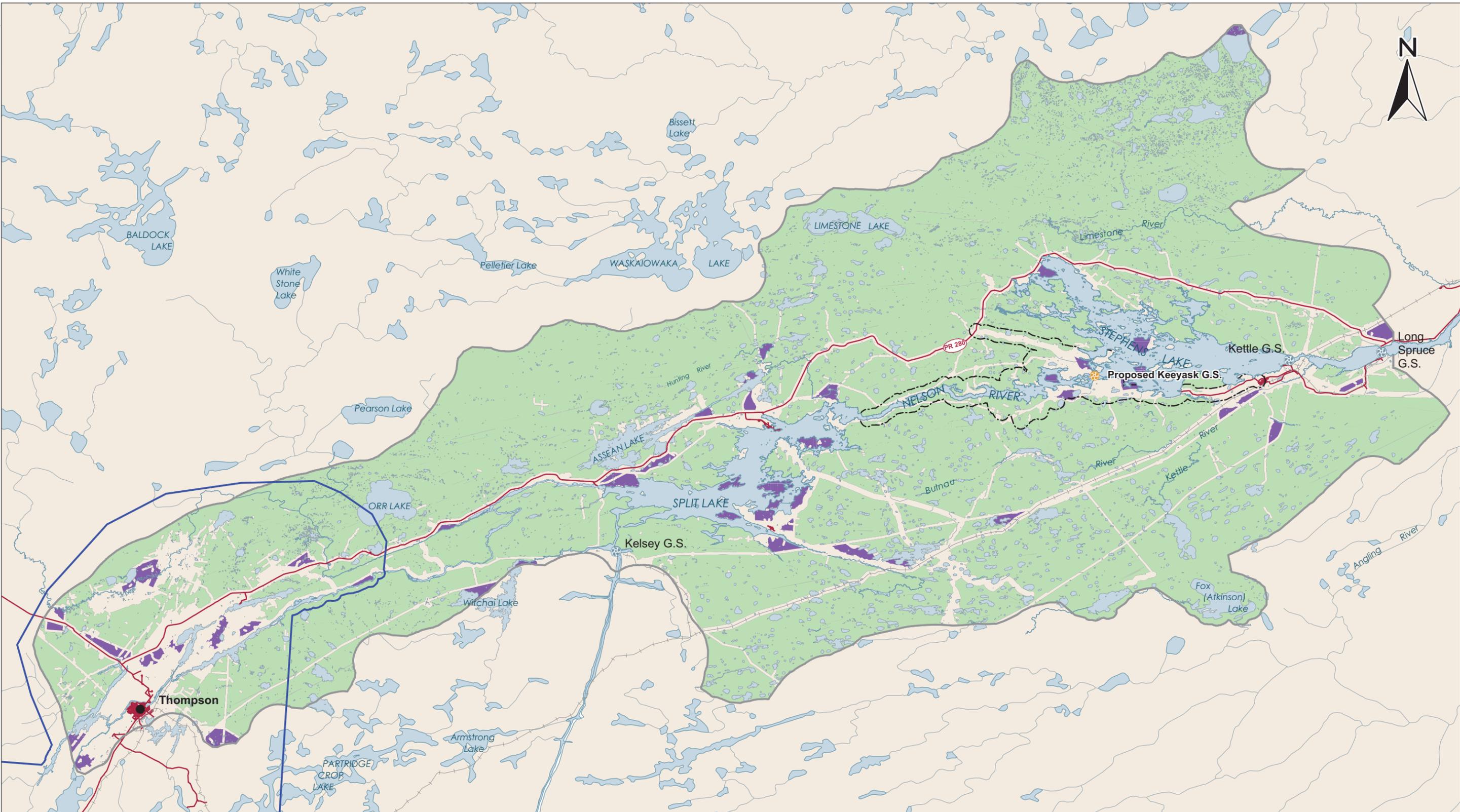
DATA SOURCE: Linear features and Nelson River shoreline - ECOSTEM Ltd.; Highways and winter roads - Manitoba Conservation; Water and Rail - NTS.		
CREATED BY: ECOSTEM Ltd.		
COORDINATE SYSTEM: UTM NAD 1983 Z15N	DATE CREATED: 16-FEB-12	REVISION DATE: 19-APR-12
		VERSION NO.: 1.0
		QA/QC: APPROVED

Legend	
Linear Feature Type	
	Cutline
	Dyke
	Highway
	Rail
	Road
	Transmission Line
	Winter Road

Study Areas	
	Intactness Local Study Area
	Intactness Regional Study Area
	Thompson Area

Linear Features

B:\Site\ITD_Landuse - Dec 2011
 File Location: Z:\Workspaces\Keeyask_GIS\Figures\Terms\2 Habitat & Ecosystems\3 VECs and Key Supporting Topical Core Areas Map 2-26 Distribution of core areas by minimum size, including additional, in the Regional Study Area 120216.wrx



DATA SOURCE: Core areas and Nelson River shoreline - ECOSTEM Ltd.; Roads and rail - Manitoba Conservation; Water - NTS.		
CREATED BY: ECOSTEM Ltd.		
COORDINATE SYSTEM: UTM NAD 1983 Z15N	DATE CREATED: 13-MAR-12	REVISION DATE: 19-APR-12
	VERSION NO.: 1.0	QA/QC: APPROVED

Legend

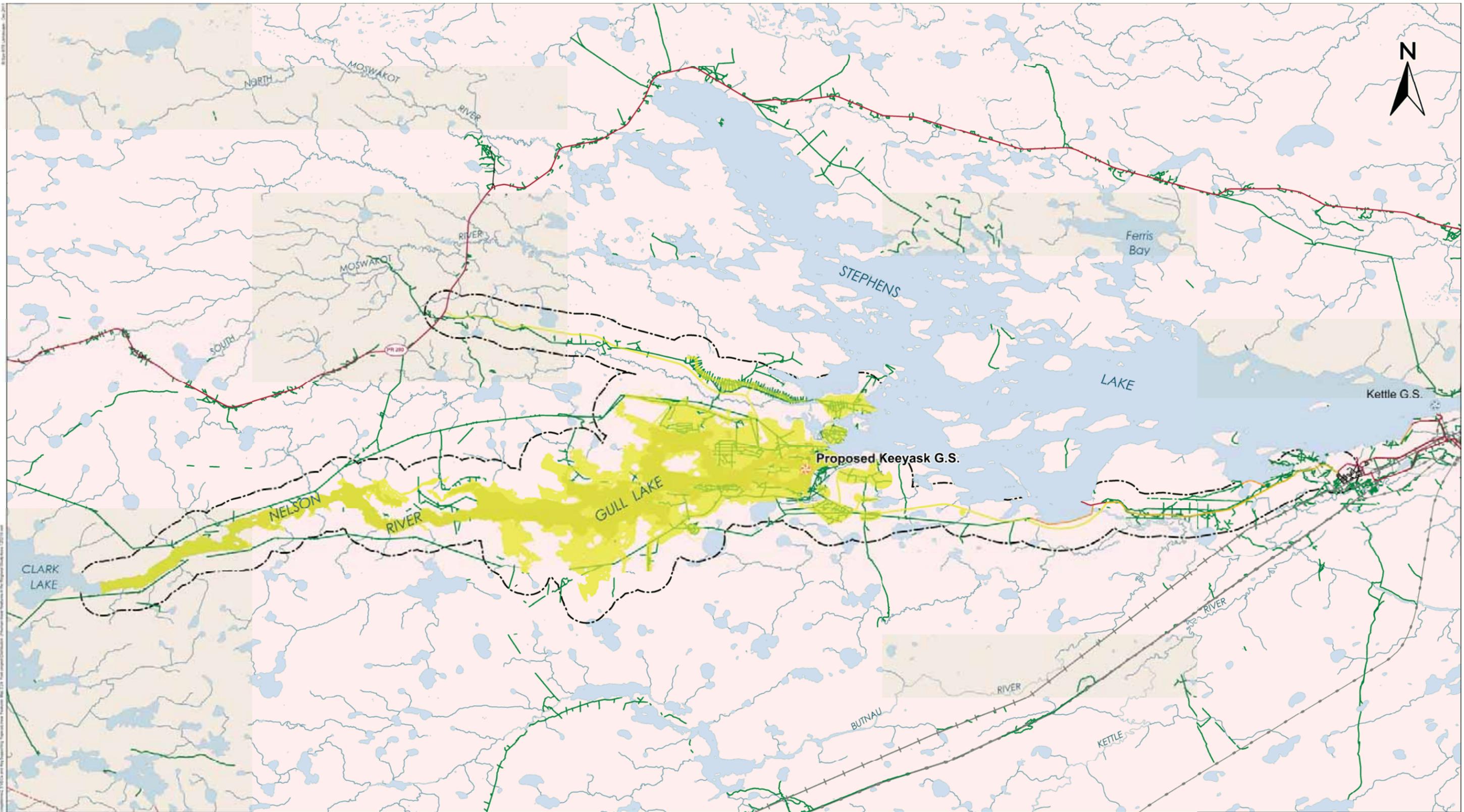
Core Areas

1,000 ha minimum size
 Additional core area when minimum size reduced to 200 ha

Study Areas

Intactness Local Study Area
 Intactness Regional Study Area
 Thompson Area

Core Areas

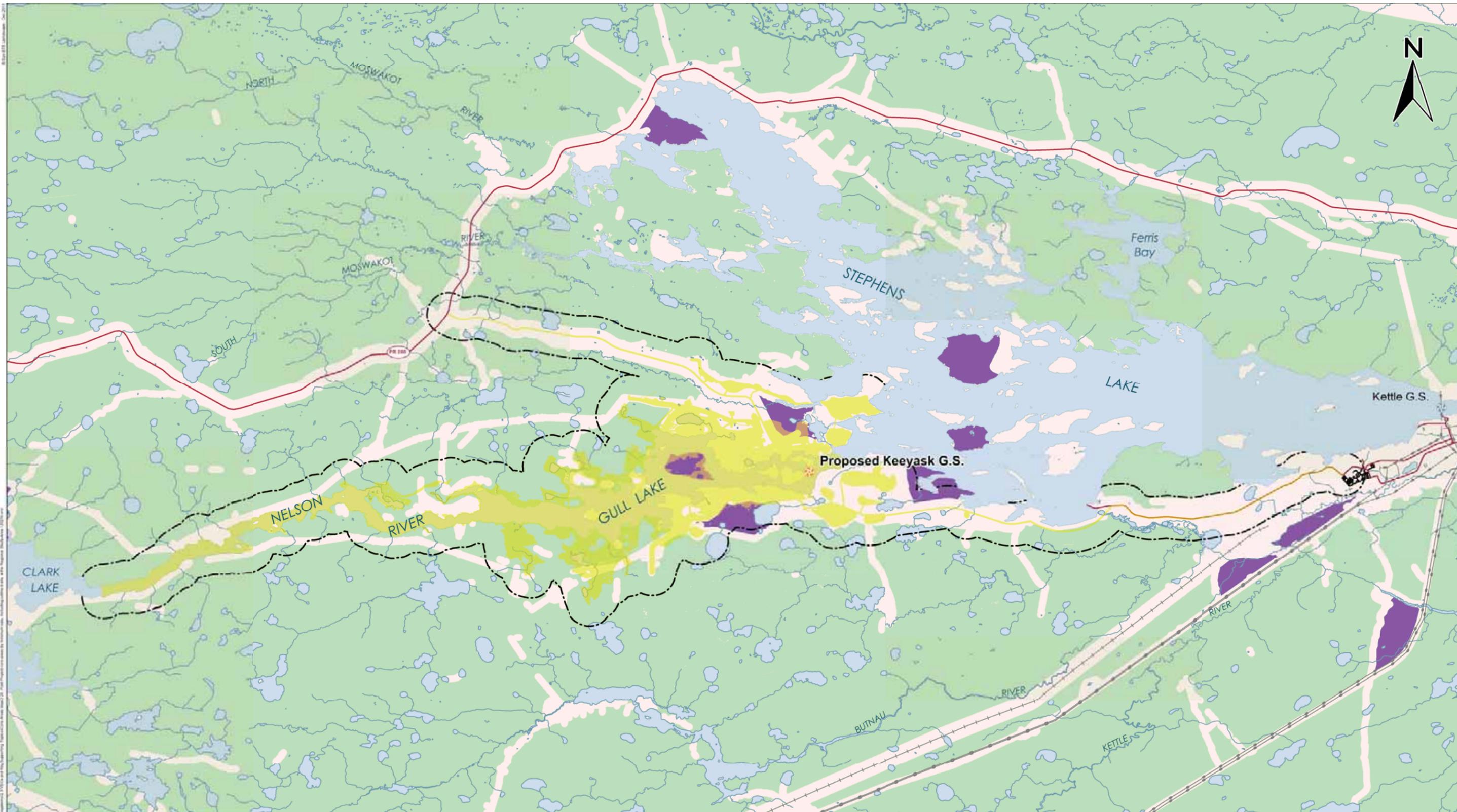


DATA SOURCE: Linear features and Nelson River shoreline - ECOSTEM Ltd.; Roads and rail - Manitoba Conservation; Water - NTS; Transmission lines - Manitoba Hydro.		
CREATED BY: ECOSTEM Ltd.		
COORDINATE SYSTEM: UTM NAD 1983 Z15N	DATE CREATED: 16-FEB-12	REVISION DATE: 06-JUN-12
	VERSION NO.: 1.0	STATUS: APPROVED

Legend	
Linear Feature Type	
Cutline	Rail
Dyke	Road
Highway	Transmission Line

Study Areas	
Project Footprint	Intactness Local Study Area

Linear Features During Construction



DATA SOURCE:
Core areas and Nelson River shoreline - ECOSTEM Ltd.; Roads and rail - Manitoba Conservation; Water - NTS; Transmission lines - Manitoba Hydro.

CREATED BY:
ECOSTEM Ltd.

COORDINATE SYSTEM: UTM NAD 1983 Z15N	DATE CREATED: 16-FEB-12	REVISION DATE: 06-JUN-12
VERSION NO.: 1.0	QA/QC: APPROVED	

Legend

Core Areas

- 1,000 ha minimum size
- Additional core area when minimum size reduced to 200ha

Study Areas

- Project Footprint
- Intactness Local Study Area

Infrastructure

- Highway
- Road
- Rail
- Transmission Line

Core Areas During Construction