

# Webequie Supply Road Project

Webequie First Nation

February 10, 2025

AtkinsRéalis Ref: 661910

# APPENDIX C-3: MULTIPLE ACCOUNTS ASSESSMENT DATASETS

AtkinsRéalis



**WSR**  
WEBEQUIE  
SUPPLY ROAD



Discipline	Criteria (VC)	Indicator	Layer Name	Data Originator
Vegetation	Upland Ecosystem	Area of impacted upland ecosystem.	Upland_Ecosystem_2	Vegetation Polygon
Vegetation	Upland Ecosystem	Edge Habitat – Total length (km) of edges removed/displaced.	Upland_Polyline	Vegetation Polygon
Vegetation	Upland Ecosystem	Area of impacted Low Structural/Vegetative Complexity (Biodiversity)	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Upland Ecosystem	Area of impacted Moderate Structural/Vegetative Complexity (Biodiversity)	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Upland Ecosystem	Area of impacted High Structural/Vegetative Complexity (Biodiversity).	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Upland Ecosystem	Area of Low Habitat Usage impacted.	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Upland Ecosystem	Area of Moderate Habitat Usage impacted.	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Upland Ecosystem	Area of High Habitat Usage impacted.	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Riparian Ecosystem	Area of impacted riparian ecosystem.	Riparian_Ecosystem	Vegetation Polygon
Vegetation	Riparian Ecosystem	Area of impacted Low Structural/Vegetative Complexity (Biodiversity).	Riparian_Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Riparian Ecosystem	Area of impacted Moderate Structural/Vegetative Complexity (Biodiversity).	Riparian_Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Riparian Ecosystem	Area of impacted High Structural/Vegetative Complexity (Biodiversity).	Riparian_Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Riparian Ecosystem	Area of Low Habitat Usage impacted.	Riparian_Habitat_Usage	Wetland Function Polygon
Vegetation	Riparian Ecosystem	Area of Moderate Habitat Usage impacted.	Riparian_Habitat_Usage	Wetland Function Polygon
Vegetation	Riparian Ecosystem	Area of High Habitat Usage impacted.	Riparian_Habitat_Usage	Wetland Function Polygon
Vegetation	Wetland Ecosystem	Area of impacted wetland ecosystem.	Wetland_Ecosystem	Vegetation Polygon
Vegetation	Wetland Ecosystem	Edge Habitat – Total length (km) of edges removed	Wetland_Polyline	Vegetation Polygon
Vegetation	Wetland Ecosystem	Area of impacted Low Structural/Vegetative Complexity (Biodiversity).	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Wetland Ecosystem	Area of impacted Moderate Structural/Vegetative Complexity (Biodiversity).	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Wetland Ecosystem	Area of impacted High Structural/Vegetative Complexity (Biodiversity).	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Wetland Ecosystem	Area of Low Habitat Usage impacted.	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Wetland Ecosystem	Area of Moderate Habitat Usage impacted.	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Wetland Ecosystem	Area of High Habitat Usage impacted.	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Wetland Ecosystem	Area of Low Wetland Function impacted.	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Wetland Ecosystem	Area of Moderate Wetland Function impacted.	Wetland_Function_Polygon	Wetland Function Polygon
Vegetation	Wetland Ecosystem	Area of High Wetland Function impacted.	Wetland_Function_Polygon	Wetland Function Polygon

Discipline	Criteria (VC)	Indicator	Layer Name	Data Originator
Vegetation	Fire Potential	Area of Low Fire Potential within 500 m.	Fire_Potential A1, A2, A3	LIO
Vegetation	Fire Potential	Area of Moderate Fire Potential within 500 m.	Fire_Potential A1, A2, A3	LIO
Vegetation	Fire Potential	Area of High Fire Potential within 500 m.	Fire_Potential A1, A2, A3	LIO
Vegetation	Fire Potential	Area of Extreme Fire Potential within 500 m.	Fire_Potential A1, A2, A3	LIO
Vegetation	Designated Areas (ANSI, ESA, PSW, Rare Communities, etc.)	Area of Designated Areas removed /displaced	Veg_Designated_Area	ANSI (LIO); ESA (LIO); PSW (LIO); Rare Communities (Vegetation Sampling - AtkinsRéalis (formerly SNC))
Vegetation	Plants of significance or importance; and designated Species at Risk plant populations (including species with special conservation status, rarity, or cultural significance)	Area of significant, important, and/or designated plants impacted.	Veg_Sampling	Vegetation Sampling - AtkinsRéalis (formerly SNC)
Vegetation	Plants of significance or importance; and designated Species at Risk plant populations (including species with special conservation status, rarity, or cultural significance)	Area of sites identified by Indigenous peoples as culturally significant or of value.	Culturally_Significant_Plants	Vegetation Sampling - AtkinsRéalis (formerly SNC); Vegetation Polygons
Vegetation	Plants of significance or importance; and designated Species at Risk plant populations (including species with special conservation status, rarity, or cultural significance)	Area of impacted rare plant species.	Veg_Sampling	Vegetation Sampling - AtkinsRéalis (formerly SNC)
Fish and Fish Habitat	Fish and Fish Habitat (SAR Fish – Lake Sturgeon)	Area of impacted rare habitat	Aquatic_Water_Polygons_All	Digitized using satellite imagery; LIO waterbody
Fish and Fish Habitat	Fish and Fish Habitat (Non-SAR Fish)	Area of waterbodies impacted	Aquatic_Water_Polygons_All	Digitized using satellite imagery; LIO waterbody
Fish and Fish Habitat	Fish and Fish Habitat (Non-SAR Fish)	Area of Low Sensitivity Habitat impacted.	Aquatic_Water_Polygons_All	Digitized using satellite imagery; LIO waterbody
Fish and Fish Habitat	Fish and Fish Habitat (Non-SAR Fish)	Area of Moderate Sensitivity Habitat impacted.	Aquatic_Water_Polygons_All	Digitized using satellite imagery; LIO waterbody
Fish and Fish Habitat	Fish and Fish Habitat (Non-SAR Fish)	Area of High Sensitivity Habitat impacted.	Aquatic_Water_Polygons_All	Digitized using satellite imagery; LIO waterbody
Wildlife	Caribou (Boreal population and Eastern Migratory population), Species at Risk	Area of Range Level (+ 500 m buffer) impacted.	Range_Level A1, A2, A3	ROW polygon
Wildlife	Caribou (Boreal population and Eastern Migratory population), Species at Risk	Area of Category 1 Habitat: High Use Area (nursery) at the Sub-range Level impacted.	Caribou_GHD	MECP
Wildlife	Caribou (Boreal population and Eastern Migratory population), Species at Risk	Area of Category 1 Habitat: High Use Area (nursery) at the Sub-range Level (within 10 km) impacted.	Caribou_GHD A1, A2, A3	MECP
Wildlife	Caribou (Boreal population and Eastern Migratory population), Species at Risk	Area of Category 1 Habitat: High Use Area (winter use) at the Sub-range Level impacted.	Caribou_GHD	MECP
Wildlife	Caribou (Boreal population and Eastern Migratory population), Species at Risk	Area of Category 1 Habitat: High Use Area (winter use) at the Sub-range Level (within 10 km) impacted.	Caribou_GHD A1, A2, A3	MECP
Wildlife	Caribou (Boreal population and Eastern Migratory population), Species at Risk	Area of Category 1 Habitat: High Use Area (travel corridor) at the Sub-range Level impacted.	Caribou_Corridor	Caribou Collaring Program Vegetation Polygon

Discipline	Criteria (VC)	Indicator	Layer Name	Data Originator
Wildlife	Caribou (Boreal population and Eastern Migratory population), Species at Risk	Area of Category 1 Habitat: High Use Area (travel corridor) at the Sub-range Level (within 10 km) impacted.	Caribou_Corridor A1, A2, A3	Caribou Collaring Program Vegetation Polygon
Wildlife	Caribou (Boreal population and Eastern Migratory population), Species at Risk	Area of Category 2 Habitat (seasonal range) impacted.	Caribou_GHD	MECP
Wildlife	Caribou (Boreal population and Eastern Migratory population), Species at Risk	Area of Category 2 Habitat (seasonal range, within 10 km) impacted.	Caribou_GHD A1, A2, A3	MECP
Wildlife	Caribou (Boreal population and Eastern Migratory population), Species at Risk	Area of Category 3 Habitat impacted.	Caribou_GHD	MECP
Wildlife	Wolverine, Species at Risk	Area of den habitat sites within 2 km impacted. (den + 2km buffer around den & the area of this buffer that intersects the ROW)	Wolverine_Den_2km_Buffer	SNC sampling
Wildlife	Wolverine, Species at Risk	Area of habitat impacted (500 m buffer around the ROW).	Range_Level A1, A2, A3	ROW polygon
Wildlife	Wolverine, Species at Risk	Area of ROW within impact zone buffer (10 km) around known wolverine occurrences	NEW in run 4: Runpole_10km	AtkinsRéalis (formerly SNC) sampling
Wildlife	Bats (including SAR Bats)	Area of impacted candidate maternity habitat (forested).	NEW: Candidate_Bat_Maternity OLD: TreedBoreal	Vegetation Polygon
Wildlife	Bats (including SAR Bats)	Area of impacted high-quality candidate habitat.	NEW: High_Quality_Bat_Maternity OLD: SWH_Bat_Maternity_Colony	Vegetation Polygon
Wildlife	Bats (including SAR Bats)	Number of candidate bat hibernacula habitat (e.g., caves) within 2 km impacted.	SWH_Bat_Hibernacula_2km A1, A2, A3	Vegetation Polygon
Wildlife	Bats (including SAR Bats)	Number of candidate bat hibernacula habitat (e.g., caves) within 5 km impacted.	SWH_Bat_Hibernacula_5km A1, A2, A3	Vegetation Polygon
Wildlife	Forest Birds (including SAR birds)	Area of candidate nesting habitat impacted.	TreedBoreal	Vegetation Polygon
Wildlife	Forest Birds (including SAR birds)	Number of SAR recorded occurrences within 2 km	Jon Pleizier	Jon Pleizier
Wildlife	Forest Birds (including SAR birds)	Number of SAR recorded occurrences within 5 km impacted.	Jon Pleizier	Jon Pleizier
Wildlife	Raptors (including SAR birds)	Area of candidate nesting habitat impacted.	TreedBoreal	Vegetation Polygon
Wildlife	Raptors (including SAR birds)	Area of raptor nests recorded occurrences impacted	Raptor_Nest	SNC sampling
Wildlife	Raptors (including SAR birds)	Area of Raptor Nesting SWH impacted.	SWH_Raptor_Nest	Vegetation Polygon
Wildlife	Raptors (including SAR birds)	Area of Osprey and Bald Eagle nests impacted	Raptor_Nest	AtkinsRéalis (formerly SNC) sampling
Wildlife	Raptors (including SAR birds)	Area (ha) of Osprey and Bald Eagle Nesting SWH (within 5 km) impacted.	SWH_OspreyEagle_Nesting_5km A1, A2, A3	Vegetation Polygon
Wildlife	Shorebirds	Area of low-quality habitat impacted - GRYE	Wildlife_RSF	Rob Rempel Modelling
Wildlife	Shorebirds	Area of moderate quality habitat impacted - GRYE	Wildlife_RSF	Rob Rempel Modelling
Wildlife	Shorebirds	Area of high-quality habitat impacted - GRYE	Wildlife_RSF	Rob Rempel Modelling
Wildlife	Shorebirds	Area of Shorebird Stopover SWH impacted.	Jon Pleizier	Jon Pleizier
Wildlife	Shorebirds	Area of Shorebird Stopover SWH (within 5 km) impacted.	Jon Pleizier	Jon Pleizier
Wildlife	Waterfowl	Area of stopover and staging SWH impacted.	WF_Stopover_Staging	Vegetation Polygon
Wildlife	Waterfowl	Area of stopover and staging SWH (within 5 km) impacted.	WF_Stopover_Staging_5km A1, A2, A3	Vegetation Polygon

Discipline	Criteria (VC)	Indicator	Layer Name	Data Originator
Wildlife	Waterfowl	Area of Waterfowl Nesting SWH impacted.	WF_Nesting	Vegetation Polygon
Wildlife	Waterfowl	Area of Waterfowl Nesting SWH (within 5 km) impacted.	WF_Nesting_5km A1, A2, A3	Vegetation Polygon
Wildlife	Waterfowl	Area of low-quality habitat impacted - Canada Goose	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Waterfowl	Area of moderate quality habitat impacted - Canada Goose	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Waterfowl	Area of high-quality habitat impacted - Canada Goose	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Waterfowl	Area of low-quality habitat impacted - Mallard	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Waterfowl	Area of moderate quality habitat impacted - Mallard	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Waterfowl	Area of high-quality habitat impacted - Mallard	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Bog/Fen Birds and Other Wetland Birds (including SAR-birds)	Area of bog/fen habitat impacted.	BogFen_Habitat	Vegetation Polygon
Wildlife	Bog/Fen Birds and Other Wetland Birds (including SAR-birds)	Area of low-quality habitat impacted - Olive Sided Fly Catcher	BRT_Density	Rob Rempel Modelling
Wildlife	Bog/Fen Birds and Other Wetland Birds (including SAR-birds)	Area of moderate quality habitat impacted - Olive Sided Fly Catcher	BRT_Density	Rob Rempel Modelling
Wildlife	Bog/Fen Birds and Other Wetland Birds (including SAR-birds)	Area of high-quality habitat impacted - Olive Sided Fly Catcher	BRT_Density	Rob Rempel Modelling
Wildlife	Bog/Fen Birds and Other Wetland Birds (including SAR-birds)	Area of low-quality habitat impacted - CONI	BRT_Density	Rob Rempel Modelling
Wildlife	Bog/Fen Birds and Other Wetland Birds (including SAR-birds)	Area of moderate quality habitat impacted - CONI	BRT_Density	Rob Rempel Modelling
Wildlife	Bog/Fen Birds and Other Wetland Birds (including SAR-birds)	Area of high-quality habitat impacted - CONI	BRT_Density	Rob Rempel Modelling
Wildlife	Bog/Fen Birds and Other Wetland Birds (including SAR-birds)	Area of Sharp-tailed Grouse Leks SWH within 2 km impacted.	SWH_Sharp_Tailed_Grouse_2km A1, A2, A3	Vegetation Polygon
Wildlife	Bog/Fen Birds and Other Wetland Birds (including SAR-birds)	Area of Sharp-tailed Grouse Leks SWH within 5 km impacted.	SWH_Sharp_Tailed_Grouse_5km A1, A2, A3	Vegetation Polygon
Wildlife	Furbearers - Excluding SAR (Wolverine)	Area of low-quality habitat impacted - Marten	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Furbearers - Excluding SAR (Wolverine)	Area of moderate quality habitat impacted - Marten	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Furbearers - Excluding SAR (Wolverine)	Area of high-quality habitat impacted - Marten	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Furbearers - Excluding SAR (Wolverine)	Area of low-quality habitat impacted - Otter	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Furbearers - Excluding SAR (Wolverine)	Area of moderate quality habitat impacted - Otter	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Furbearers - Excluding SAR (Wolverine)	Area of high-quality habitat impacted - Otter	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Furbearers - Excluding SAR (Wolverine)	Number of den sites within 2 km impacted.	Jon Pleizier	Jon Pleizier
Wildlife	Furbearers - Excluding SAR (Wolverine)	Number of den sites within 5 km impacted.	Jon Pleizier	Jon Pleizier
Wildlife	Furbearers - Excluding SAR (Wolverine)	Number of Wolf Rendezvous Sites within 2 km impacted	Jon Pleizier	Jon Pleizier
Wildlife	Furbearers - Excluding SAR (Wolverine)	Number of Wolf Rendezvous Sites within 5 km impacted	Jon Pleizier	Jon Pleizier
Wildlife	Moose	Area of low-quality winter area habitat impacted	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Moose	Area of moderate quality winter area habitat impacted	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Moose	Area of high-quality winter area habitat impacted	Wildlife_RSFS	Rob Rempel Modelling
Wildlife	Moose	Area (ha) of low quality winter area habitat removed/displaced	Wildlife_RSFS_AX_2km	Rob Rempel Modelling

Discipline	Criteria (VC)	Indicator	Layer Name	Data Originator
		within 2 km.		
Wildlife	Moose	Area (ha) of moderate quality winter area habitat removed/displaced within 2 km.	Wildlife_RSFS_AX_2km	Rob Rempel Modelling
Wildlife	Moose	Area (ha) of high quality winter area habitat removed/displaced within 2 km.	Wildlife_RSFS_AX_2km	Rob Rempel Modelling
Wildlife	Moose	Area (ha) of low-quality winter area habitat removed/displaced within 10 km.	Wildlife_RSFS_AX_10km	Rob Rempel Modelling
Wildlife	Moose	Area (ha) of moderate quality winter area habitat removed/displaced within 10 km.	Wildlife_RSFS_AX_10km	Rob Rempel Modelling
Wildlife	Moose	Area (ha) of high-quality winter area habitat removed/displaced within 10 km.	Wildlife_RSFS_AX_10km	Rob Rempel Modelling
Wildlife	Moose	Area of aquatic (wetland) feeding habitat within 2 km impacted.	Moose_Aquatic_Habitat_2km A1, A2, A3	Vegetation Polygon
Wildlife	Moose	Area of aquatic (wetland) feeding habitat within 10 km impacted.	Moose_Aquatic_Habitat_5km A1, A2, A3	Vegetation Polygon
Wildlife	Amphibians (Frogs)	Area of candidate breeding habitat impacted.	SWH_Amphibian_Breeding_Habitat	Vegetation Polygon
Wildlife	Designated Significant Wildlife Habitat	Area of non-caribou significant wildlife habitat impacted.	NonCaribou_Designated_SWH	Provincial restricted data (MNR?)
Surface Water	Surface Water	Area of lakes and ponds crossed	Lakes_Ponds	Vegetation Polygon
Surface Water	Surface Water	Area of streams and rivers crossed	River_Stream_Polygon_2	Vegetation Polygon and digitized streams from satellite imagery
Groundwater	Groundwater	Number of drinking water wells displaced or potentially affected within 300 m of alternative.	Wells_WWIS_MECP_300m A1, A2, A3	MECP
Groundwater	Groundwater	Number of springs displaced or potential affected within 300 m of alternative.	Webequie_Point	Webequie First Nation
Groundwater	Groundwater	Area (ha) of recharge areas impacted.	Recharge_Area	Vegetation Polygon
Groundwater	Groundwater	Area (ha) of discharge areas impacted	Discharge_Area	Vegetation Polygon
Indigenous Peoples Land Use and Interests	Indigenous Current and Historical Use of Lands and Resources for Traditional Purposes	Area of caribou habitat impacted.	Webequie_IK_Polygon	Webequie First Nation
Indigenous Peoples Land Use and Interests	Indigenous Current and Historical Use of Lands and Resources for Traditional Purposes	Number of hunting/fishing cabin sites impacted	Webequie_IK_Polygon Webequie_IK_Point	Webequie First Nation
Indigenous Peoples Land Use and Interests	Indigenous Current and Historical Use of Lands and Resources for Traditional Purposes	Number of unspecified Indigenous land use sites of value or interest impacted.	Webequie_IK_Polygon Webequie_IK_Line Webequie_IK_Point	Webequie First Nation
Indigenous Peoples Land Use and Interests	Indigenous Current and Historical Use of Lands and Resources for Traditional Purposes	Area of hunting and trapping sites impacted.	Webequie_IK_Polygon	Webequie First Nation
Indigenous Peoples Land Use and Interests	Indigenous Current and Historical Use of Lands and Resources for Traditional Purposes	Number of fishing sites impacted.	Webequie_IK_Polygon	Webequie First Nation
Indigenous Peoples	Indigenous Current and Historical Use of Lands and Resources for Traditional	Area (ha) of plant harvesting (food and/or medicinal) or gathering	Webequie_IK_Polygon	Webequie First Nation

Discipline	Criteria (VC)	Indicator	Layer Name	Data Originator
Land Use and Interests	Purposes	sites impacted.		
Indigenous Peoples Land Use and Interests	Cultural Continuity (ability to practice and transmit cultural traditions including historical disruptions where Indigenous peoples have a desire to reinvigorate a cultural tradition)	Number of water access routes used by small boats (i.e., canoe) impacted.	Webequie_Line	Webequie First Nation
Indigenous Peoples Land Use and Interests	Cultural Continuity (ability to practice and transmit cultural traditions including historical disruptions where Indigenous peoples have a desire to reinvigorate a cultural tradition)	Number of historical travel routes impacted.	Webequie_Line	Webequie First Nation
Indigenous Peoples Land Use and Interests	Cultural Continuity (ability to practice and transmit cultural traditions including historical disruptions where Indigenous peoples have a desire to reinvigorate a cultural tradition)	Number of portage routes impacted.	Webequie_Line	Webequie First Nation
Indigenous Peoples Land Use and Interests	Cultural Continuity (ability to practice and transmit cultural traditions including historical disruptions where Indigenous peoples have a desire to reinvigorate a cultural tradition)	Number of burial sites impacted.	Webequie_Point Webequie_Poly	Webequie First Nation
Indigenous Peoples Land Use and Interests	Cultural Continuity (ability to practice and transmit cultural traditions including historical disruptions where Indigenous peoples have a desire to reinvigorate a cultural tradition)	Number of hunting blinds impacted.	Webequie_Point	Webequie First Nation
Indigenous Peoples Land Use and Interests	Cultural Continuity (ability to practice and transmit cultural traditions including historical disruptions where Indigenous peoples have a desire to reinvigorate a cultural tradition)	Number of ice fishing houses/huts impacted.	Webequie_Point	Webequie First Nation
Indigenous Peoples Land Use and Interests	Cultural Continuity (ability to practice and transmit cultural traditions including historical disruptions where Indigenous peoples have a desire to reinvigorate a cultural tradition)	Number of cultural teaching/spiritual sites impacted.	Webequie_Point	Webequie First Nation
Indigenous Peoples Land Use and Interests	Cultural Continuity (ability to practice and transmit cultural traditions including historical disruptions where Indigenous peoples have a desire to reinvigorate a cultural tradition)	Number of tent frames impacted.	Webequie_Point	Webequie First Nation
Land and Resource Use (non-Indigenous)	Mineral and Aggregate Resources	Number of mining claims impacted.	Mine_Claims	OGS
Land and Resource Use (non-Indigenous)	Mineral and Aggregate Resources	Area of licensed pits/quarries impacted.	Project Knowledge	Project Knowledge
Land and Resource Use (non-Indigenous)	Provincial Parks, Areas of Natural and Scientific Interest (ANSIs) or Conservation Reserves	Area of Provincial Parks, Areas of Natural and Scientific Interest (ANSIs) and/or Conservation Reserves impacted.	Provincial_Park Conservation_Reserve_Regulated ANSI	LIO
Visual Aesthetics	Visual Character and Sensitivity	Number of tourism/outfitter operations within 1 km impacted.	Camp_Lodge	Project Knowledge
Visual Aesthetics	Visual Character and Sensitivity	Number of known land and/or water access routes impacted.	CHL_Polyline	ASI
Visual Aesthetics	Visual Character and Sensitivity	Number of fishing and hunting areas impacted where potential visual change or experience may occur.	CHL_Polygon	ASI
Archaeology	Archaeological Sites and Resources	Number of registered archaeological sites within 1 km impacted.	Feln1_SiteLocation_1km	ASI
Archaeology	Archaeological Sites and Resources	Area of archaeological potential impacted.	Arch_Potential	ASI

Discipline	Criteria (VC)	Indicator	Layer Name	Data Originator
Archaeology	Archaeological Sites and Resources	Number of known burial sites within 1 km impacted.	Burial_Site_1km (derived from Webequie_IK_Point)	Webequie First Nation
Archaeology	Archaeological Sites and Resources	Number of known burial sites impacted.	Webequie_IK_Point	Webequie First Nation
Cultural Heritage	Built Heritage Resources and Cultural Heritage Landscapes	Number of known Indigenous or non-Indigenous built heritage features/sites impacted.	Project Knowledge	Project Knowledge
Cultural Heritage	Built Heritage Resources and Cultural Heritage Landscapes	Number of non-Indigenous cultural heritage landscapes of value or interest impacted.	Project Knowledge	Project Knowledge
Cultural Heritage	Built Heritage Resources and Cultural Heritage Landscapes	Number of designated Provincial heritage properties affected	Project Knowledge	Project Knowledge
Technical	Constructability and Design	Area of geohazards (hazardous slopes, landslides, sinkholes/depressions) intersected.	Project Knowledge	Project Knowledge
Technical	Constructability and Design	Area of good terrain conditions for design and construction.	JDMA_Terrain_Map	JDMA
Technical	Constructability and Design	Area of fair terrain conditions for design and construction.	JDMA_Terrain_Map	JDMA
Technical	Constructability and Design	Area of poor terrain conditions for design and construction.	JDMA_Terrain_Map	JDMA
Technical	Constructability and Design	Area of very poor terrain conditions for design and construction.	JDMA_Terrain_Map	JDMA
Technical	Constructability and Design	Area of open water crossings required for consideration of structures (bridges, culverts).	Open_Water_Crossings	Vegetation Polygon
Technical	Constructability and Design	Area of alluvial floodplains crossed with floating vegetation mats or groundwater near surface that may need enhanced engineering design.	Riparian_Ecosystem	Vegetation Polygon
Technical	Cost	Total length (km) of alternative route.	All_Alternatives_Centreline	Centreline polyline
Technical	Cost	Construction capital cost (\$)	Excel Sheet from Eng '661910 - WSR - Cost of Construction Comparison - Community, Terrain and Engineering Alternatives - 2022-09-28'	AtkinsRéalis (formerly SNC) Engineering
Technical	Location of Supportive Infrastructure (aggregate/rock extraction areas, construction camps, laydown/storage yards, access roads)	Length (km) of temporary and permanent access roads required to construct and maintain the alternative route	Access_Roads	AtkinsRéalis (formerly SNC)