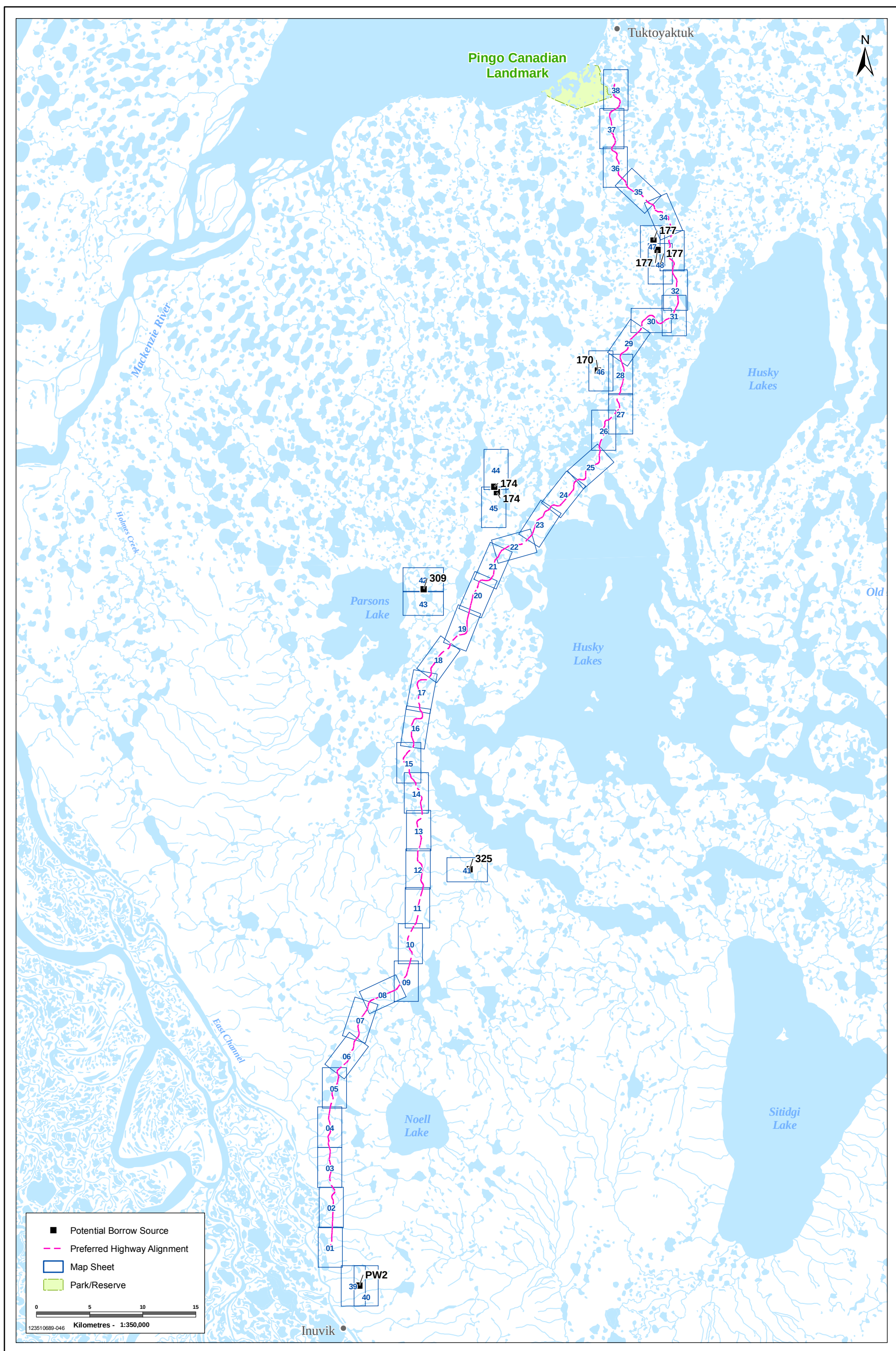




Inuvik – Tuktoyaktuk Highway

Vegetation Atlas with Waterbird Counts

Map Index

Base Data provided by Government of the Northwest Territories; Surficial Data: Stantec

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PREPARED FOR



Just Modified: August 30, 2012 By: joetho



Project Location

- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
- 04 - Cotton-Grass Tussock
- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons
- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch – Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik – Tuktoyaktuk Highway

Vegetation Atlas with Waterbird Counts

Map 01 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

0 0.125 0.25 0.5 0.75 1

Kilometres 1:10,000

UTM Zone 8 NAD 83

PREPARED BY
KAVIK STANTEC

PREPARED FOR
Northwest Territories Transportation

FIGURE NO.
01

Leaflet | Map data © OpenStreetMap contributors, Imagery © Mapbox



Project Location

- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
- 04 - Cotton-Grass Tussock
- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons
- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch - Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik – Tuktoyaktuk Highway

Vegetation Atlas with Waterbird Counts

Map 02 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

0 0.125 0.25 0.5 0.75 1

Kilometres 1:10,000

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Northwest Territories Transportation

FIGURE NO.

02

File: Roadmap_20120831_jp110



Project Location

- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
- 04 - Cotton-Grass Tussock
- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons

- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch - Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik - Tuktoyaktuk Highway

Vegetation Atlas with Waterbird Counts

Map 03 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

0 0.125 0.25 0.5 0.75 1

Kilometres 1:10,000

UTM Zone 8 NAD 83

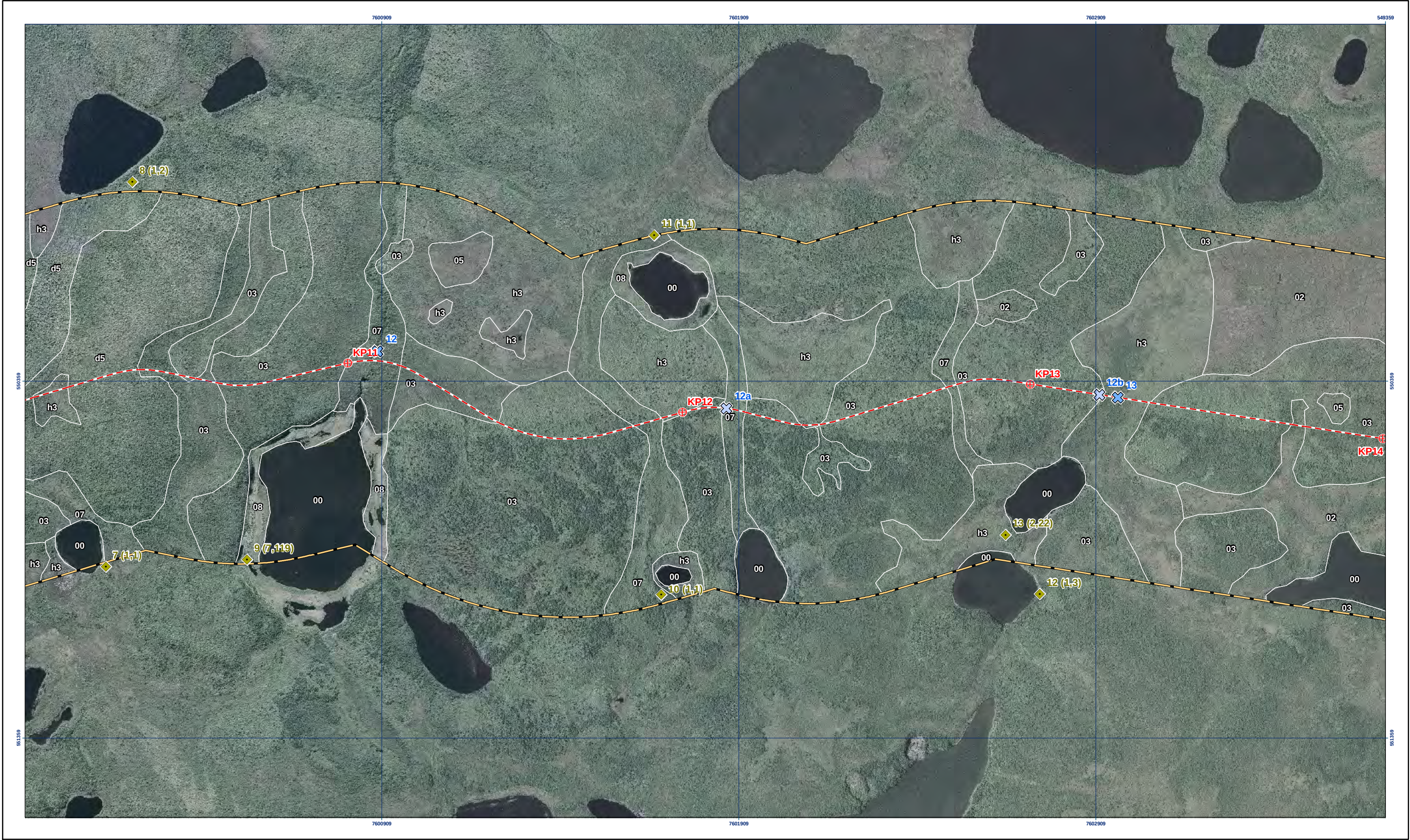
PREPARED BY

PREPARED FOR

FIGURE NO.

03

Last Modified: 20130831 jpet10



Project Location

- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment Kilometre Post
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
- 04 - Cotton-Grass Tussock
- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons
- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch - Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik – Tuktoyaktuk Highway

Vegetation Atlas with Waterbird Counts

Map 04 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

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Kilometres 1:10,000

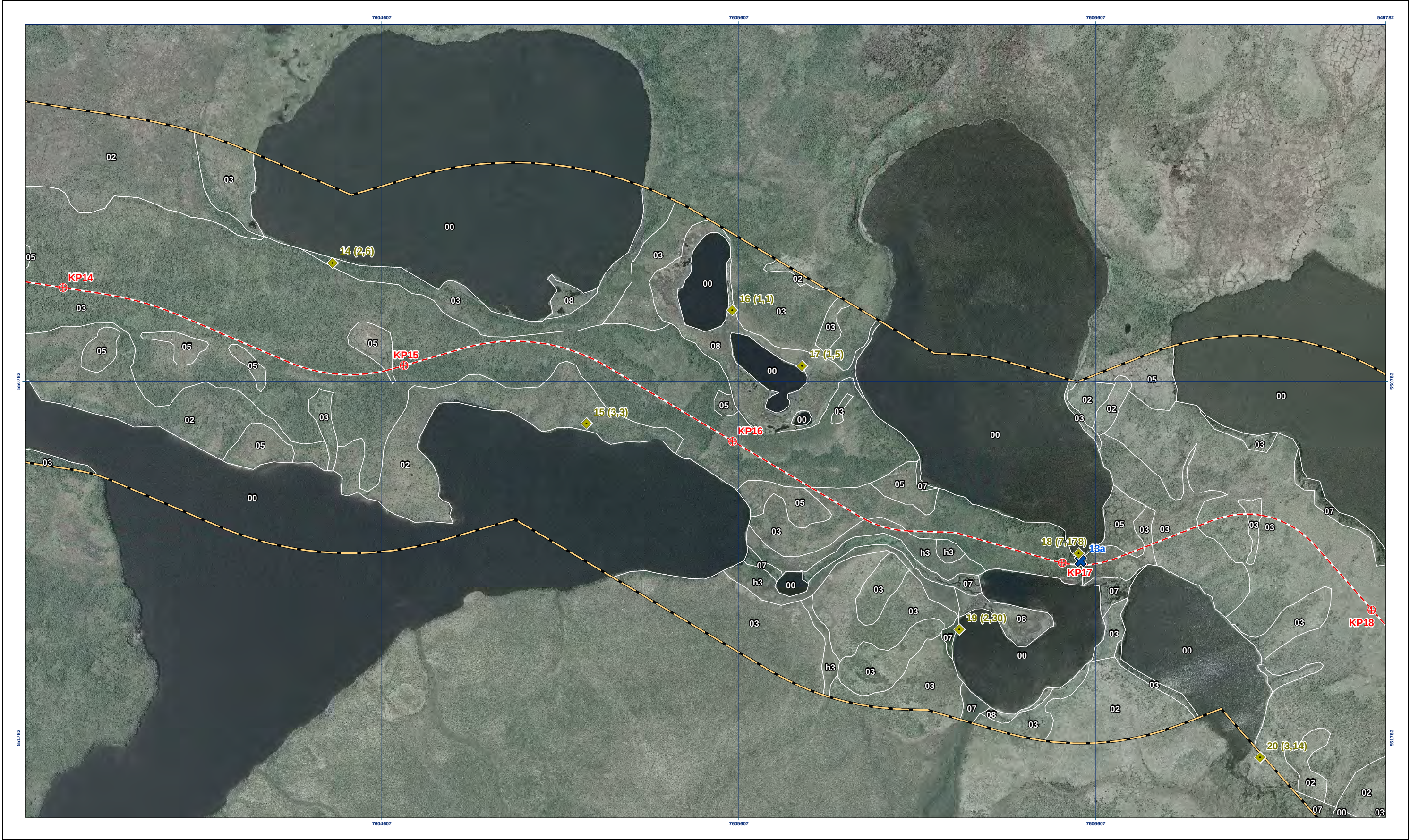
UTM Zone 8 NAD 83

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Northwest Territories Transportation

FIGURE NO.
04

Last Modified: 20120831 jpetto



- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment Kilometre Post
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
- 04 - Cotton-Grass Tussock
- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons
- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch - Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik – Tuktoyaktuk Highway
Vegetation Atlas with Waterbird Counts
Map 05 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

0 0.125 0.25 0.5 0.75 1

Kilometres 1:10,000

123510689-046

UTM Zone 8 NAD 83

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FIGURE NO.
05



Project Location

- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment Kilometre Post
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
- 04 - Cotton-Grass Tussock
- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons
- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch - Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik - Tuktoyaktuk Highway

Vegetation Atlas with Waterbird Counts

Map 06 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

0 0.125 0.25 0.5 0.75 1

Kilometres 1:10,000

123510689-046

06

FIGURE NO.

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PREPARED FOR: Northwest Territories Transportation

DATE: November 2013 05:11 pm



Project Location

- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
- 04 - Cotton-Grass Tussock
- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons
- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch – Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik – Tuktoyaktuk Highway
Vegetation Atlas with Waterbird Counts
Map 08 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

0 0.125 0.25 0.5 0.75 1

Kilometres 1:10,000

UTM Zone 8 NAD 83

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PREPARED FOR
Northwest Territories Transportation

FIGURE NO.
08

Leaflet | Map data © OpenStreetMap contributors, Imagery © Mapbox



Project Location

- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment Kilometre Post
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
- 04 - Cotton-Grass Tussock
- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons
- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch - Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik - Tuktoyaktuk Highway

Vegetation Atlas with Waterbird Counts

Map 09 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

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Kilometres 1:10,000

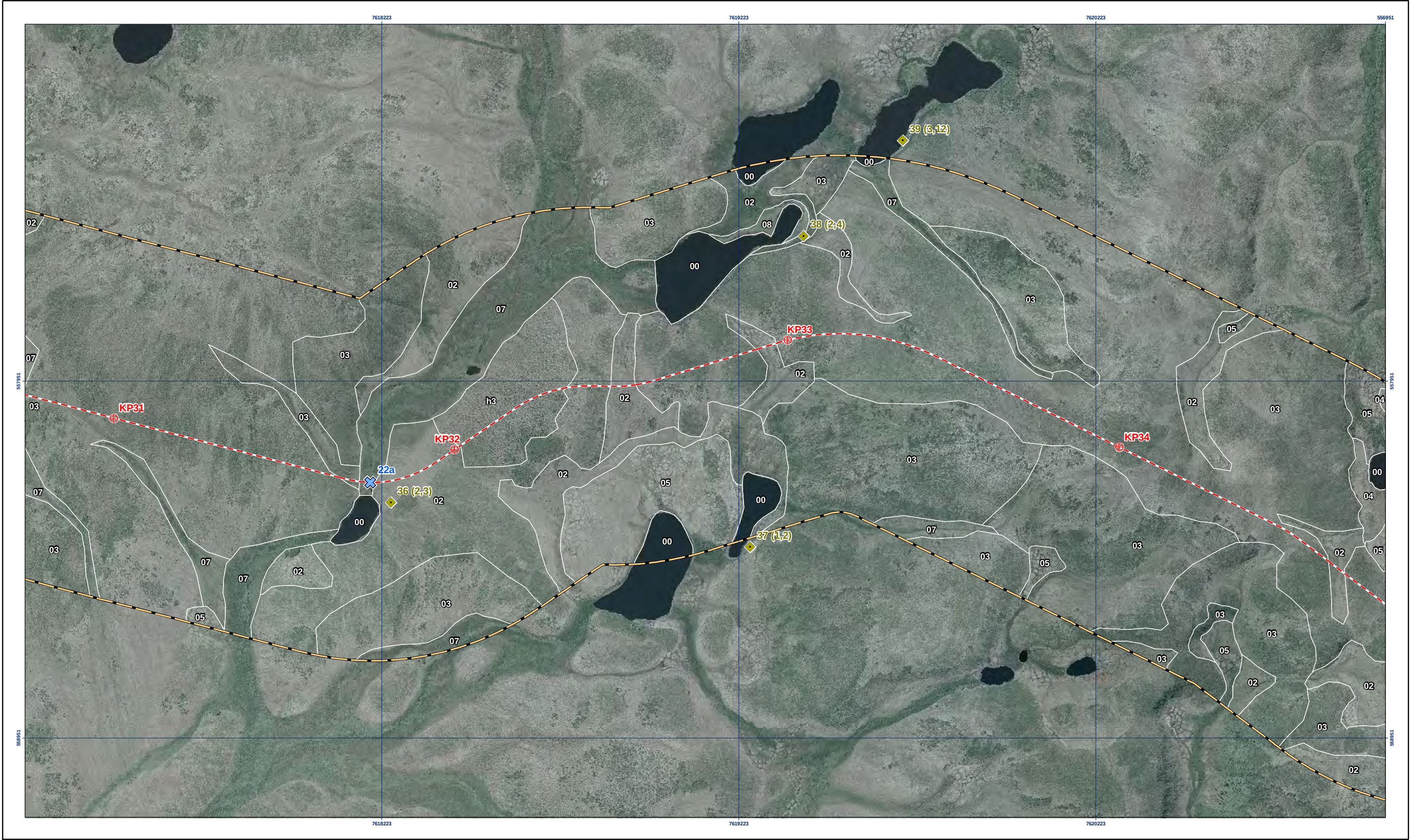
UTM Zone 8 NAD 83

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Northwest Territories Transportation

FIGURE NO.
09

Last Modified: 20130831 jpetto



Project Location

- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment Kilometre Post
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
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- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons
- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch – Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik – Tuktoyaktuk Highway

Vegetation Atlas with Waterbird Counts

Map 10 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

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Kilometres 1:10,000

UTM Zone 8 NAD 83

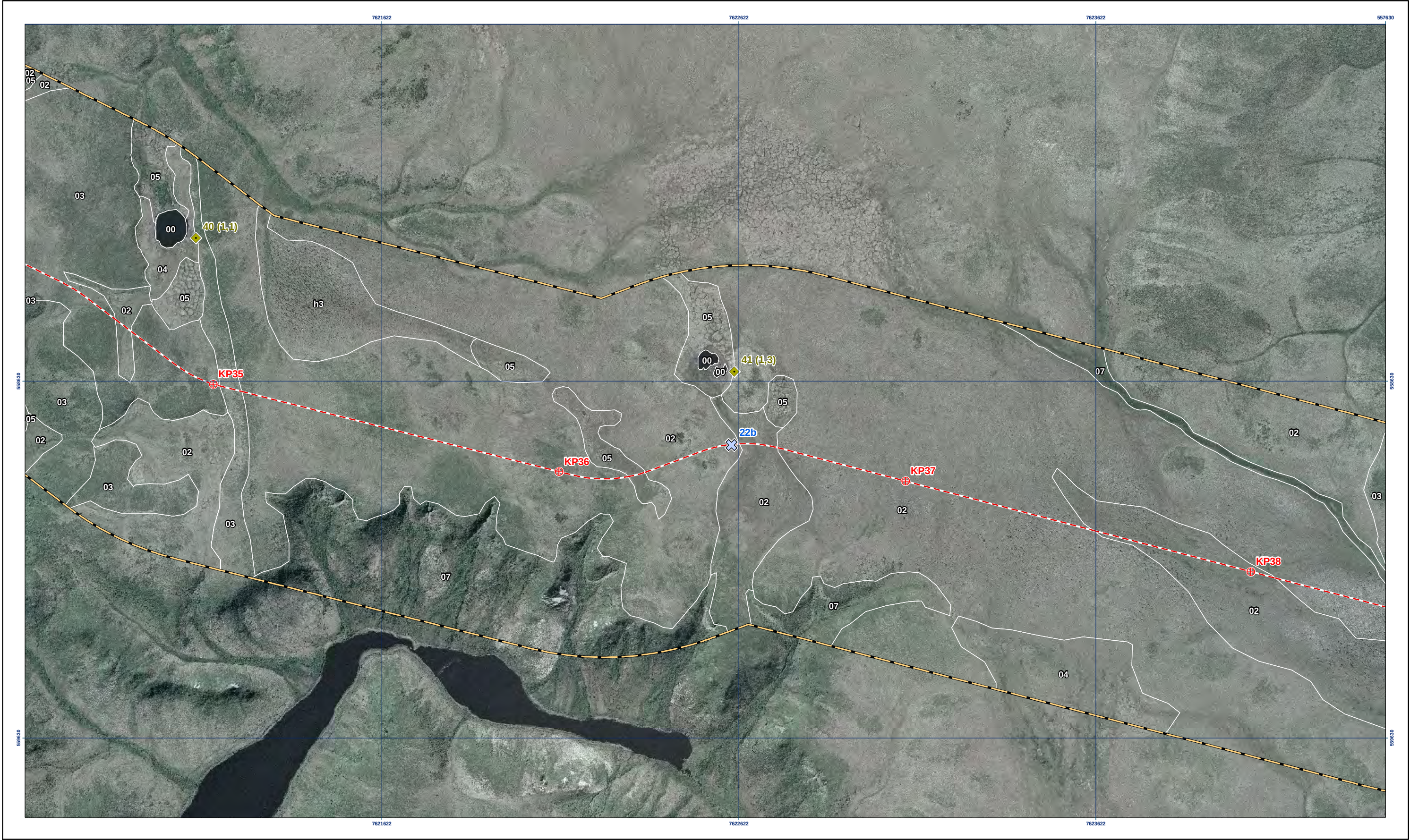
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PREPARED FOR

FIGURE NO.

10

Unit: Metres, 2013/08/31, jpet10



Project Location

- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment Kilometre Post
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
- 04 - Cotton-Grass Tussock
- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons
- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch – Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik – Tuktoyaktuk Highway

Vegetation Atlas with Waterbird Counts

Map 11 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

0 0.125 0.25 0.5 0.75 1

Kilometres 1:10,000

UTM Zone 8 NAD 83

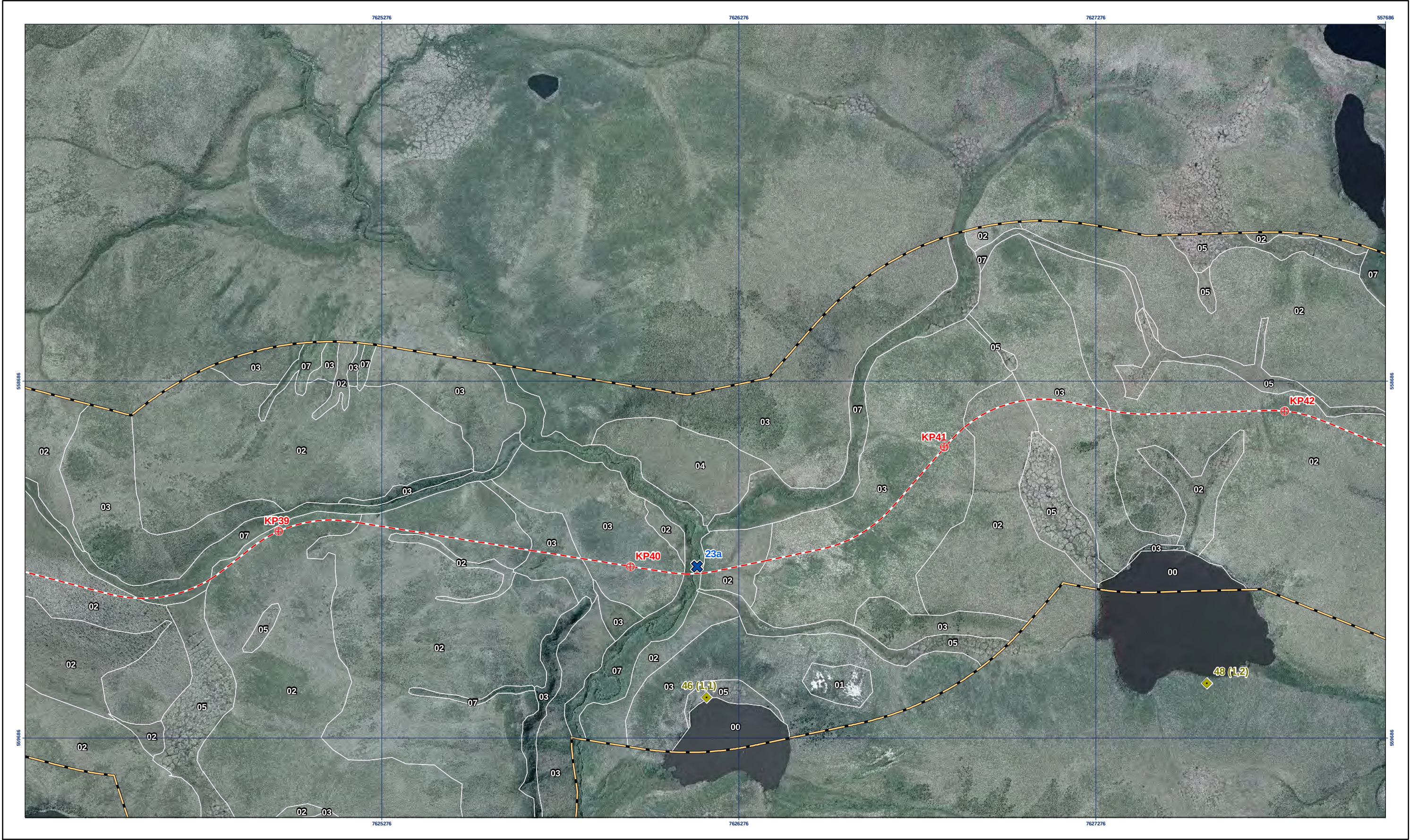
PREPARED BY

PREPARED FOR

FIGURE NO.

11

Last Modified: 20120831 jpetto



Project Location

- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
- 04 - Cotton-Grass Tussock
- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons
- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch – Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik – Tuktoyaktuk Highway

Vegetation Atlas with Waterbird Counts

Map 12 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

Scale

0 0.125 0.25 0.5 0.75 1

Kilometres 1:10,000

UTM Zone 8 NAD 83

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PREPARED FOR

FIGURE NO.

12

File: NWATLAS_20120811_j.pdf



Project Location

- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment Kilometre Post
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
- 04 - Cotton-Grass Tussock
- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons
- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch - Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik – Tuktoyaktuk Highway
Vegetation Atlas with Waterbird Counts
Map 13 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

Scale

0 0.125 0.25 0.5 0.75 1

Kilometres 1:10,000

UTM Zone 8 NAD 83

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PREPARED FOR

FIGURE NO.
13

123510689-046



Project Location

- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment Kilometre Post
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
- 04 - Cotton-Grass Tussock
- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons
- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch - Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik – Tuktoyaktuk Highway

Vegetation Atlas with Waterbird Counts

Map 14 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

0 0.125 0.25 0.5 0.75 1

Kilometres 1:10,000

UTM Zone 8 NAD 83

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FIGURE NO.
14

Leaflet | Map data © OpenStreetMap contributors, Imagery © Mapbox



Project Location

- Rare Plant Location
- Waterfowl Survey Site (# of Species, # of Individuals Observed)
- Preferred Highway Alignment
- Study Area
- Primary Borrow Sources

Water Crossing (with ID Label)

- Unclassified Crossing
- Minor Crossing < 2.5m
- Crossing > 2.5m & < 5.0m
- Major Crossing > 5.0m

Habitat Classification

- 01 - Dry Saxifrage Tundra
- 02 - Dwarf Shrub Heath
- 03 - Dwarf Shrub Heath/Upland Shrub
- 04 - Cotton-Grass Tussock
- 05 - High-Centred Polygons
- 06 - Low-Centred Polygons
- 07 - Riparian Shrub
- 08 - Riparian Sedge - Cotton-Grass
- 13 - Riparian Black Spruce/Shrub
- d5 - Upland Alaska Birch - Spruce
- h3 - Black Spruce/Ground Birch
- Dist - Disturbed
- 00 - Water

Inuvik – Tuktoyaktuk Highway

Vegetation Atlas with Waterbird Counts

Map 15 of 48

Base Data and Imagery provided by Government of the Northwest Territories; Wildlife Data: Kavik Stantec

0 0.125 0.25 0.5 0.75 1

Kilometres 1:10,000

UTM Zone 8 NAD 83

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FIGURE NO.
15

123510689-046