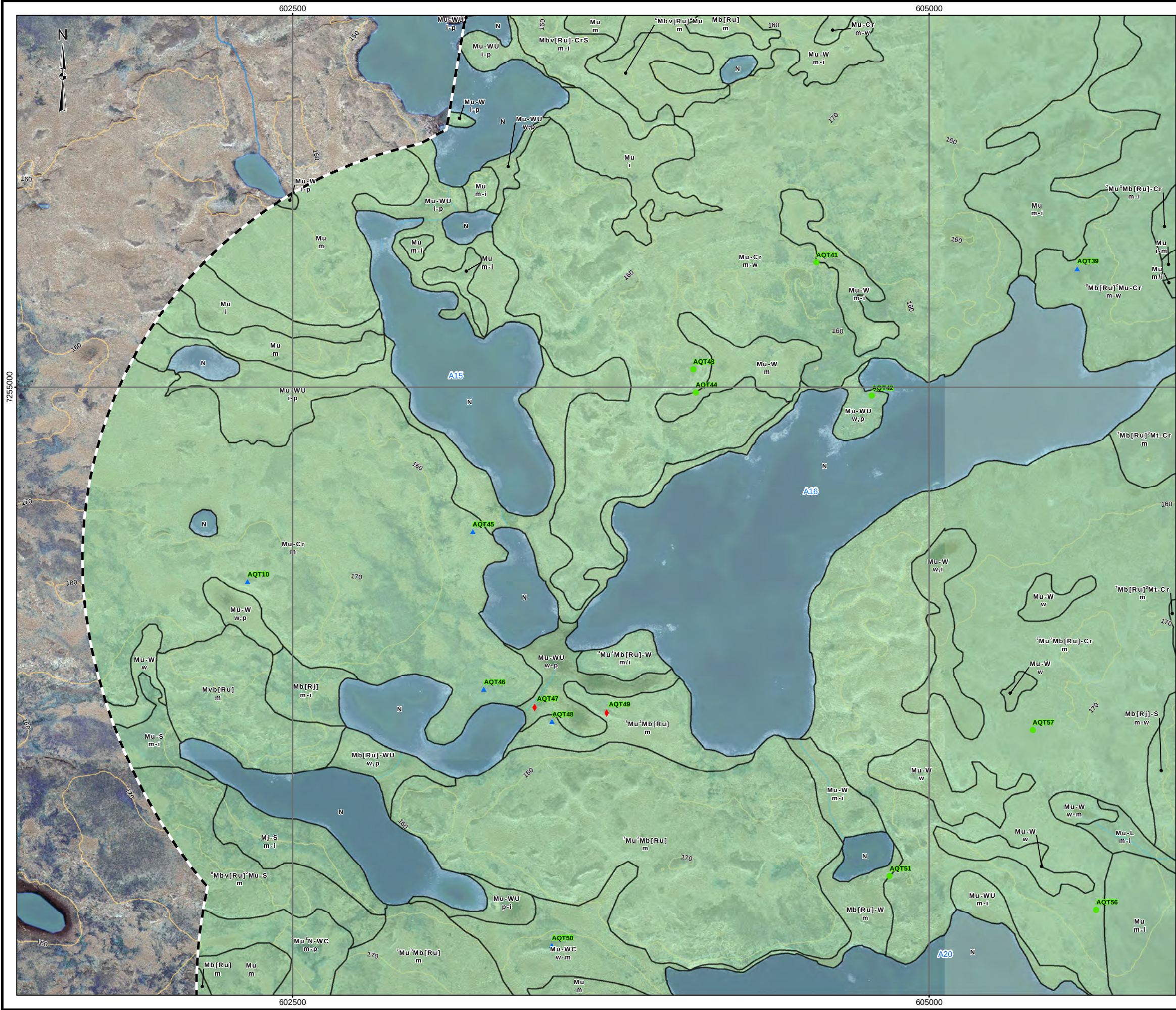


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LEGEND

STUDY AREA

FIELD SITE LOCATION

- TERRAIN (AIR)
- TERRAIN (GROUND - DETAILED)
- TERRAIN (GROUND - QUICK)

DOMINANT SURFICIAL MATERIAL

- TERRAIN UNIT (APPROXIMATE)
- MORAINAL / TILL (M)
- WATER (N)

BASEMAP FEATURES

- CONTOUR (10m INTERVAL)
- WATERCOURSE
- WATERBODY

TERRAIN LABEL:

8 Mbv[Ru]²Ovb[Mb]-Cr

m // v

drainage **drainage separator**

NOTE

1. FOR DETAILED TERRAIN MAPPING AND LABEL DEFINITIONS PLEASE REFER TO LEGEND FIGURE C-1.

2. TERRAIN POLYGONS ARE COLOUR CODED BASED ON THE DOMINANT SURFICIAL MATERIAL. SECONDARY DEPOSITS MAY EXIST IN LESSER AMOUNTS AND ARE IDENTIFIED IN THE TERRAIN LABEL.

REFERENCE

PHOTOSAT IMAGERY/CONTOURS AND BASE DATA OBTAINED FROM AGNICO EAGLE MINES LIMITED (AGNICO EAGLE). HYDROGRAPHY DATA FROM CANVEC. IMAGERY COPYRIGHT © 20150226 ESR| AND ITS LICENSORS. SOURCE: GEOEYE IKONOS. USED UNDER LICENSE, ALL RIGHTS RESERVED.

DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

SCALE 1:15,000

PROJECT

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION
WHALE TAIL PIT PROJECT

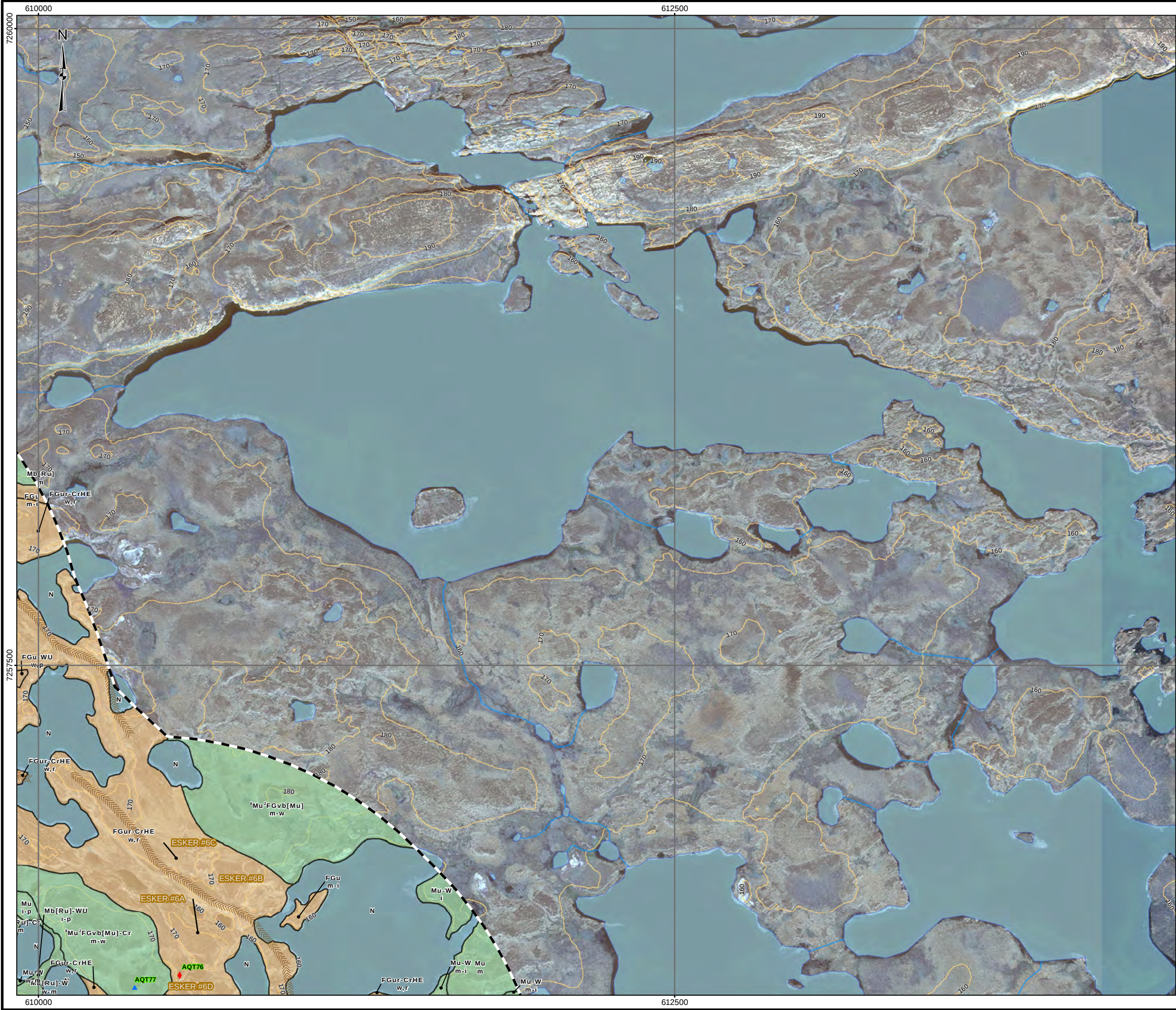
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TERRAIN MAPPING

PROJECT	1524321	FILE No.
DESIGN	AS	27 Oct. 2015
GIS	MM	02 May. 2016
CHECK	AS	02 May. 2016
REVIEW	DO	02 May. 2016

SCALE AS SHOWN
REV. 0
FIGURE C - 20

N:\Active\Project\VIEW\2015\1524321_AmaruqMapping\MXD\Soil&Terrain\Baseline Report\FigC2-23_1524321_TERRAIN_Rev0.mxd



LEGEND

STUDY AREA

FIELD SITE LOCATION

TERRAIN (GROUND - DETAILED)

TERRAIN (GROUND - QUICK)

DOMINANT SURFICIAL MATERIAL

TERRAIN UNIT (APPROXIMATE)

GLACIOFLUVIAL (FG)

MORAINAL / TILL (M)

WATER (N)

BASEMAP FEATURES

CONTOUR (10m INTERVAL)

WATERCOURSE

WATERBODY

ESKER

TERRAIN LABEL:

decile
surficial material
surface expression(s)
underlying material
underlying surface expression
geomorphological process and subclass

Mbv[Ru]²Ovb[Mb]-Cr

m // v
drainage drainage separator

NOTE

1. FOR DETAILED TERRAIN MAPPING AND LABEL DEFINITIONS PLEASE REFER TO LEGEND FIGURE C-1.

2. TERRAIN POLYGONS ARE COLOUR CODED BASED ON THE DOMINANT SURFICIAL MATERIAL. SECONDARY DEPOSITS MAY EXIST IN LESSER AMOUNTS AND ARE IDENTIFIED IN THE TERRAIN LABEL.

REFERENCE

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DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

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SCALE 1:15,000 METRES

PROJECT

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION
WHALE TAIL PIT PROJECT

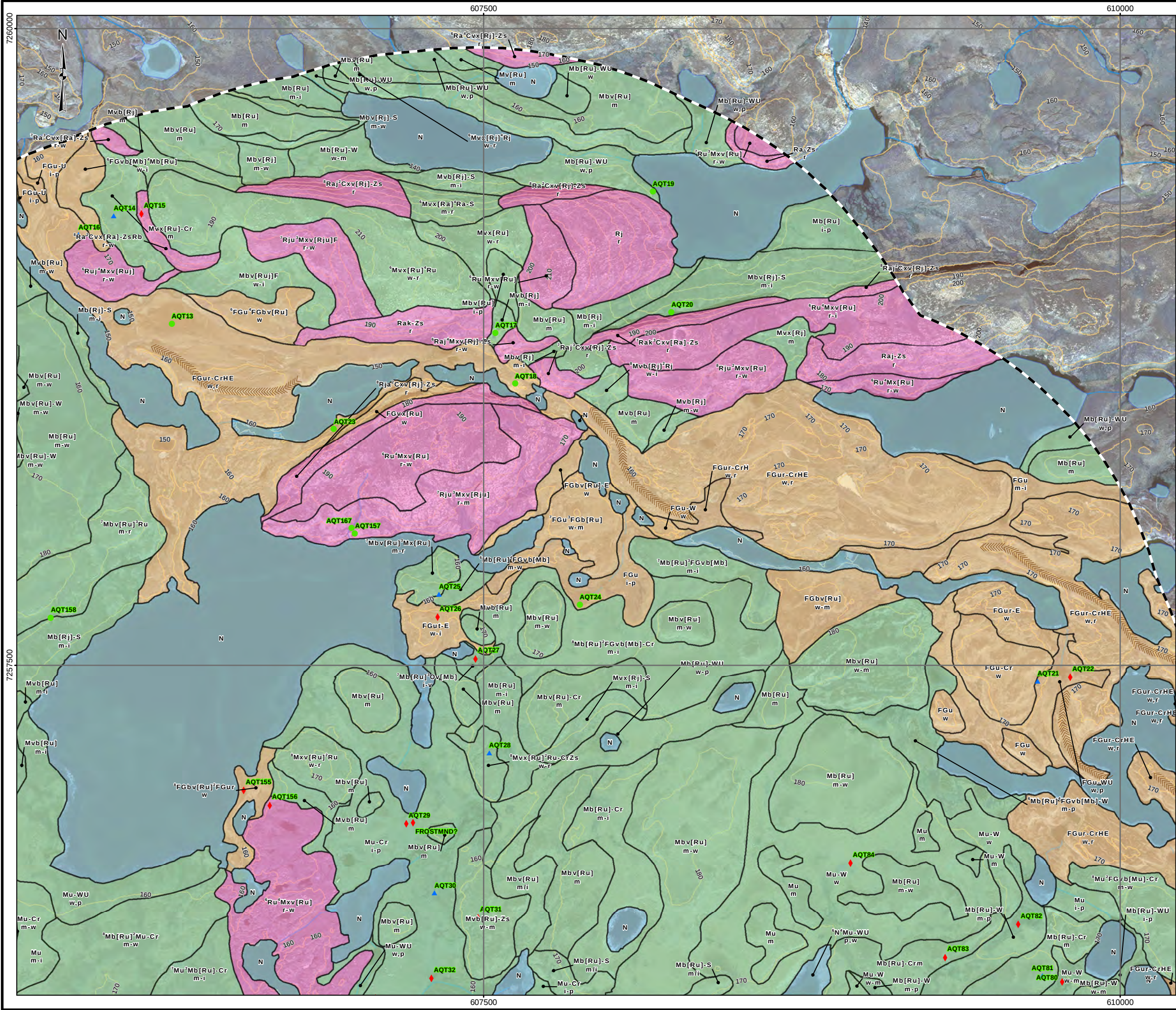
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TERRAIN MAPPING

PROJECT	1524321	FILE No.
DESIGN	AS	27 Oct. 2015
GIS	MM	02 May. 2016
CHECK	AS	02 May. 2016
REVIEW	DO	02 May. 2016

SCALE AS SHOWN REV. 0

FIGURE C - 21



LEGEND

STUDY AREA

FIELD SITE LOCATION

- TERRAIN (AIR)
- TERRAIN (GROUND - DETAILED)
- TERRAIN (GROUND - QUICK)

DOMINANT SURFICIAL MATERIAL

- TERRAIN UNIT (APPROXIMATE)
- GLACIOFLUVIAL (FG)
- MORAINAL / TILL (M)
- WATER (N)
- BEDROCK (R)

BASEMAP FEATURES

- CONTOUR (10m INTERVAL)
- WATERCOURSE
- WATERBODY
- ESKER

TERRAIN LABEL:

decile
surficial material
surface expression(s)
underlying material
underlying surface expression
geomorphological process and subclass

8 Mbv[Ru] 2 Ovb[Mb]-Cr

m // v
drainage drainage separator

NOTE

1. FOR DETAILED TERRAIN MAPPING AND LABEL DEFINITIONS PLEASE REFER TO LEGEND FIGURE C-1.

2. TERRAIN POLYGONS ARE COLOUR CODED BASED ON THE DOMINANT SURFICIAL MATERIAL. SECONDARY DEPOSITS MAY EXIST IN LESSER AMOUNTS AND ARE IDENTIFIED IN THE TERRAIN LABEL.

REFERENCE

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DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

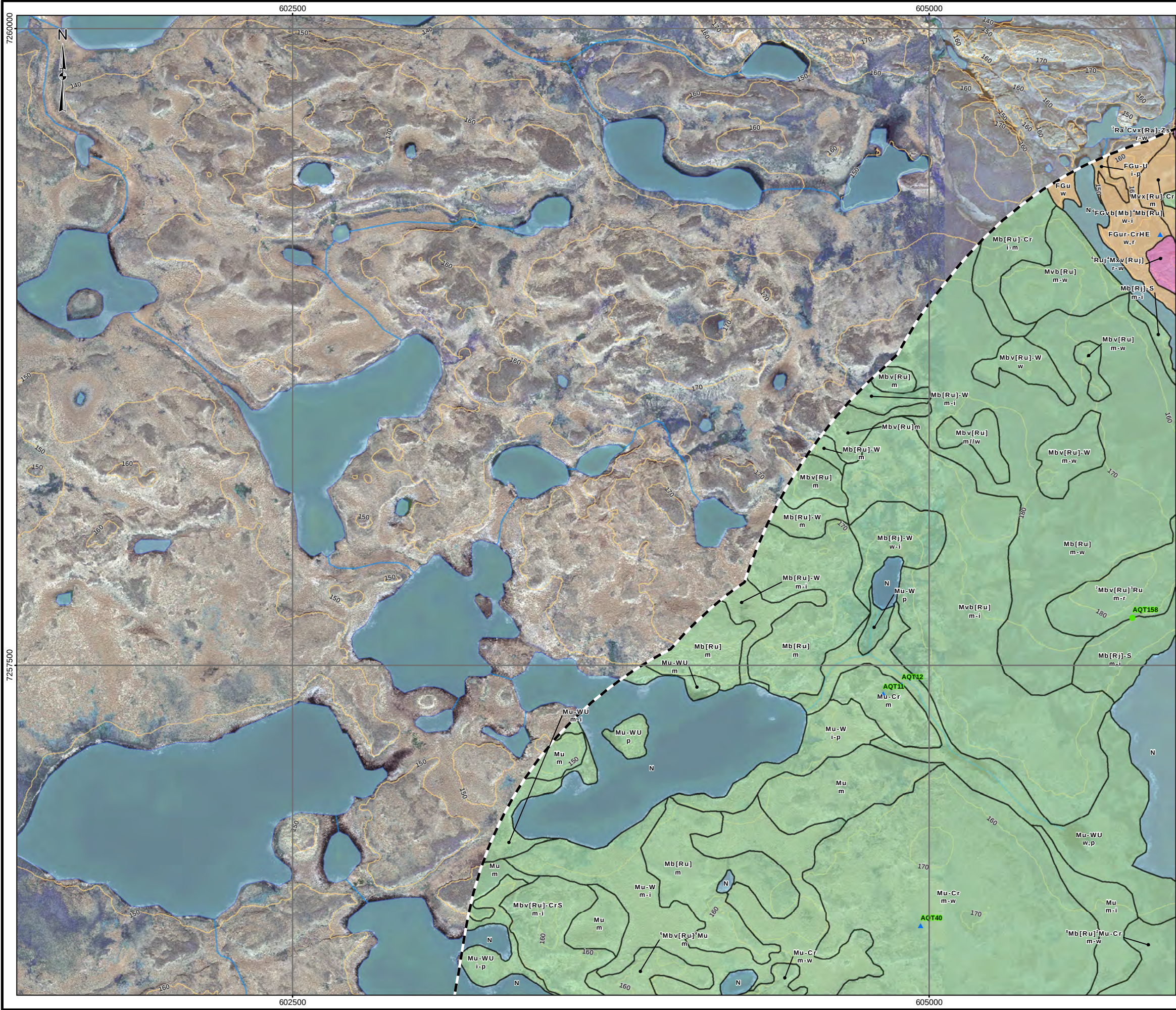
**AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION
WHALE TAIL PIT PROJECT**

TERRAIN MAPPING

PROJECT	1524321	FILE No.
DESIGN	AS	27 Oct. 2015
GIS	MM	02 May. 2016
CHECK	AS	02 May. 2016
REVIEW	DO	02 May. 2016

FIGURE C - 22

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LEGEND

STUDY AREA

FIELD SITE LOCATION

- TERRAIN (AIR)
- TERRAIN (GROUND - DETAILED)

DOMINANT SURFICIAL MATERIAL

- TERRAIN UNIT (APPROXIMATE)
- GLACIOFLUVIAL (FG)
- MORAINAL / TILL (M)
- WATER (N)
- BEDROCK (R)

BASEMAP FEATURES

- CONTOUR (10m INTERVAL)
- WATERCOURSE
- WATERBODY

TERRAIN LABEL:

decile
surficial material
surface expression(s)
underlying material
underlying surface expression
geomorphological process and subclass

8Mb[Ru]²Ovb[Mb]-Cr

m // v
drainage drainage separator

NOTE

1. FOR DETAILED TERRAIN MAPPING AND LABEL DEFINITIONS PLEASE REFER TO LEGEND FIGURE C-1.

2. TERRAIN POLYGONS ARE COLOUR CODED BASED ON THE DOMINANT SURFICIAL MATERIAL. SECONDARY DEPOSITS MAY EXIST IN LESSER AMOUNTS AND ARE IDENTIFIED IN THE TERRAIN LABEL.

REFERENCE

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DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

PROJECT

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION
WHALE TAIL PIT PROJECT

TITLE

TERRAIN MAPPING

PROJECT	1524321	FILE No.
DESIGN	AS	27 Oct. 2015
GIS	MM	02 May. 2016
CHECK	AS	02 May. 2016
REVIEW	DO	02 May. 2016

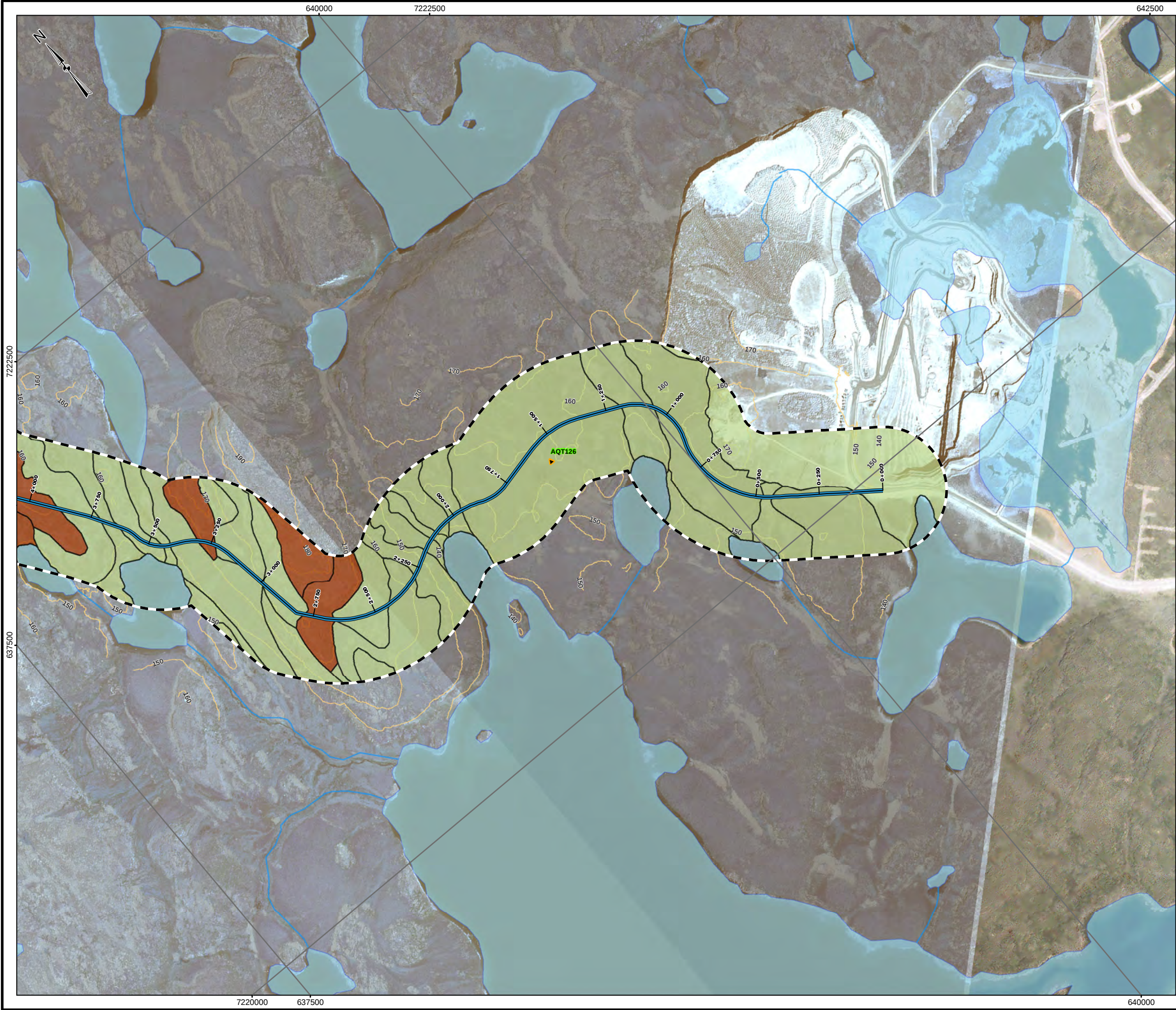
FIGURE C - 23



APPENDIX D

Soils Figures

N:\Active\Project\2015\1524321_Amaruq\Mapping\MXD\Soil&Terrain\Baseline Report\FigD1-22_1524321_SOIL_Rev0.mxd



LEGEND

 STUDY AREA

FIELD SITE LOCATION

 SURVEYED SOIL SITE

 SAMPLE SOIL SITE

DOMINANT SOIL SUBGROUP

 SOIL UNIT (APPROXIMATE)

 ORTHIC DYSTRIC TURBIC CRYOSOL (OD.TC)

 REGOSOLIC TURBIC CRYOSOL (R.TC)

 WATER (N)

PROPOSED HAUL ROAD

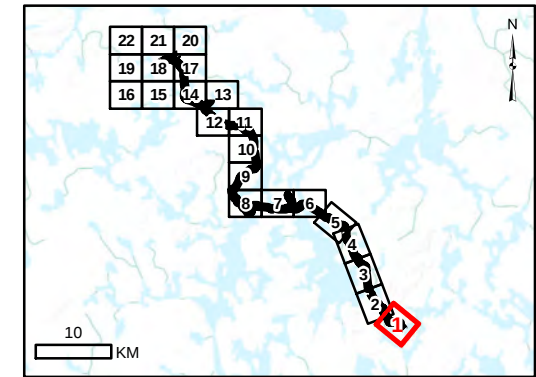
 SECTION 1

BASEMAP FEATURES

 CONTOUR (10m INTERVAL)

 WATERCOURSE

 WATERBODY



REFERENCE

PHOTOSAT IMAGERY/CONTOURS AND BASE DATA OBTAINED FROM AGNICO EAGLE MINES LIMITED (AGNICO EAGLE). HYDROGRAPHY DATA FROM CANVEC. IMAGERY COPYRIGHT © 20150226 ESRI AND ITS LICENSORS. SOURCE: GEOEYE IKONOS. USED UNDER LICENSE, ALL RIGHTS RESERVED.

DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

300

0

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SCALE 1:15,000 METRES

PROJECT

 AGNICO EAGLE

TITLE

DISTRIBUTION AND EXTENT OF DOMINANT SOIL SUBGROUPS WITHIN THE STUDY AREA

 Golder Associates

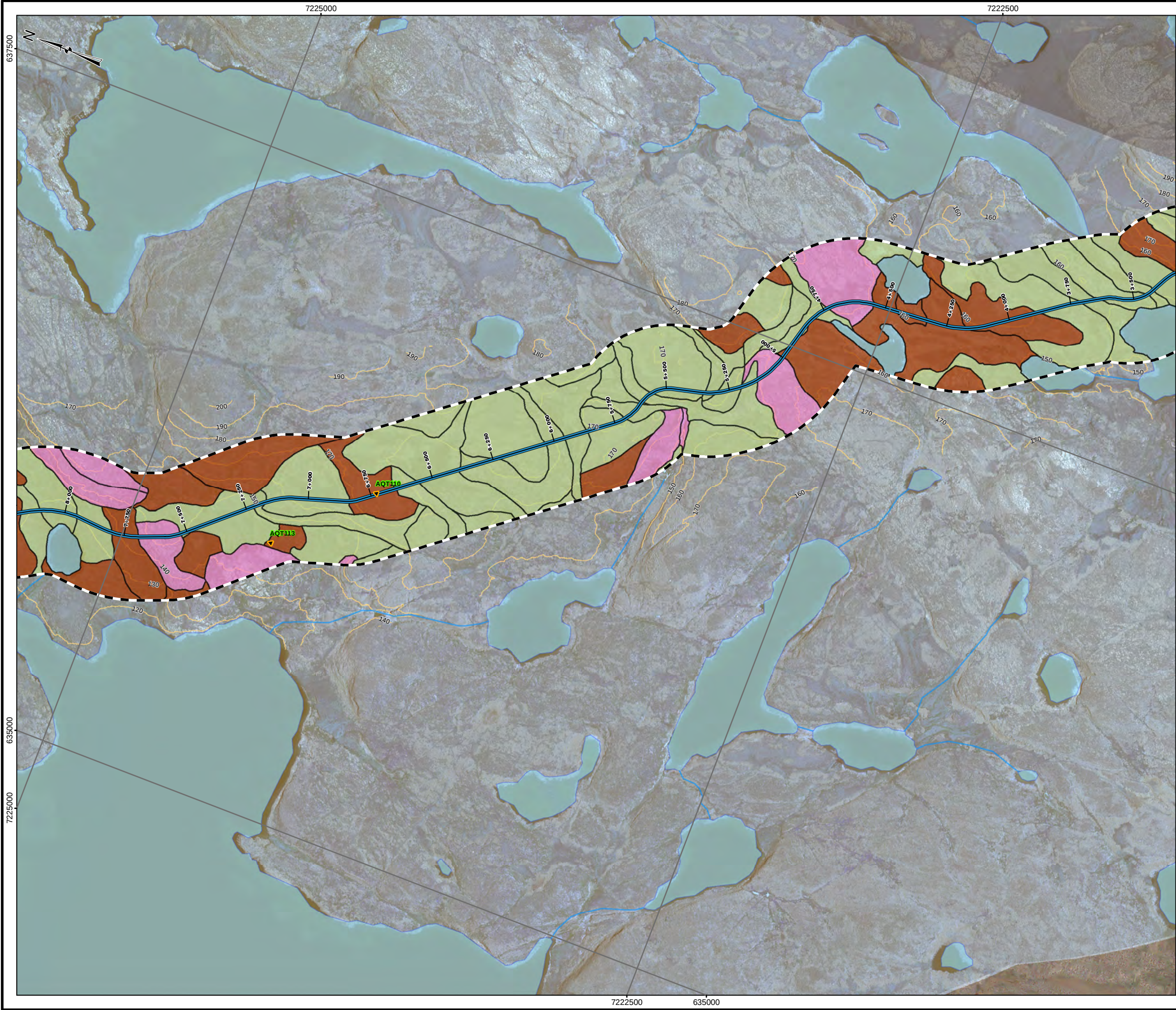
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DESIGN	AS	27 Oct. 2015
GIS	MM	02 May. 2016
CHECK	AS	02 May. 2016
REVIEW	DO	02 May. 2016

SCALE AS SHOWN

REV. 0

FIGURE D - 1

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LEGEND

STUDY AREA

FIELD SITE LOCATION

- SURVEYED SOIL SITE
- SAMPLE SOIL SITE

DOMINANT SOIL SUBGROUP

- SOIL UNIT (APPROXIMATE)
- ORTHIC DYSTRIC TURBIC CRYOSOL (OD.TC)
- REGOSOLIC TURBIC CRYOSOL (R.TC)
- WATER (N)
- BEDROCK (R)

PROPOSED HAUL ROAD

- SECTION 1

BASEMAP FEATURES

- CONTOUR (10m INTERVAL)
- WATERCOURSE
- WATERBODY

REFERENCE

PHOTOSAT IMAGERY/CONTOURS AND BASE DATA OBTAINED FROM AGNICO EAGLE MINES LIMITED (AGNICO EAGLE). HYDROGRAPHY DATA FROM CANVEC. IMAGERY COPYRIGHT © 20150226 ESRii AND ITS LICENSORS. SOURCE: GEOEYE IKONOS. USED UNDER LICENSE, ALL RIGHTS RESERVED.

DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

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3000000

SCALE 1:15,000

METRES

PROJECT

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION
WHALE TAIL PIT PROJECT

TITLE

**DISTRIBUTION AND EXTENT
OF DOMINANT SOIL SUBGROUPS
WITHIN THE STUDY AREA**

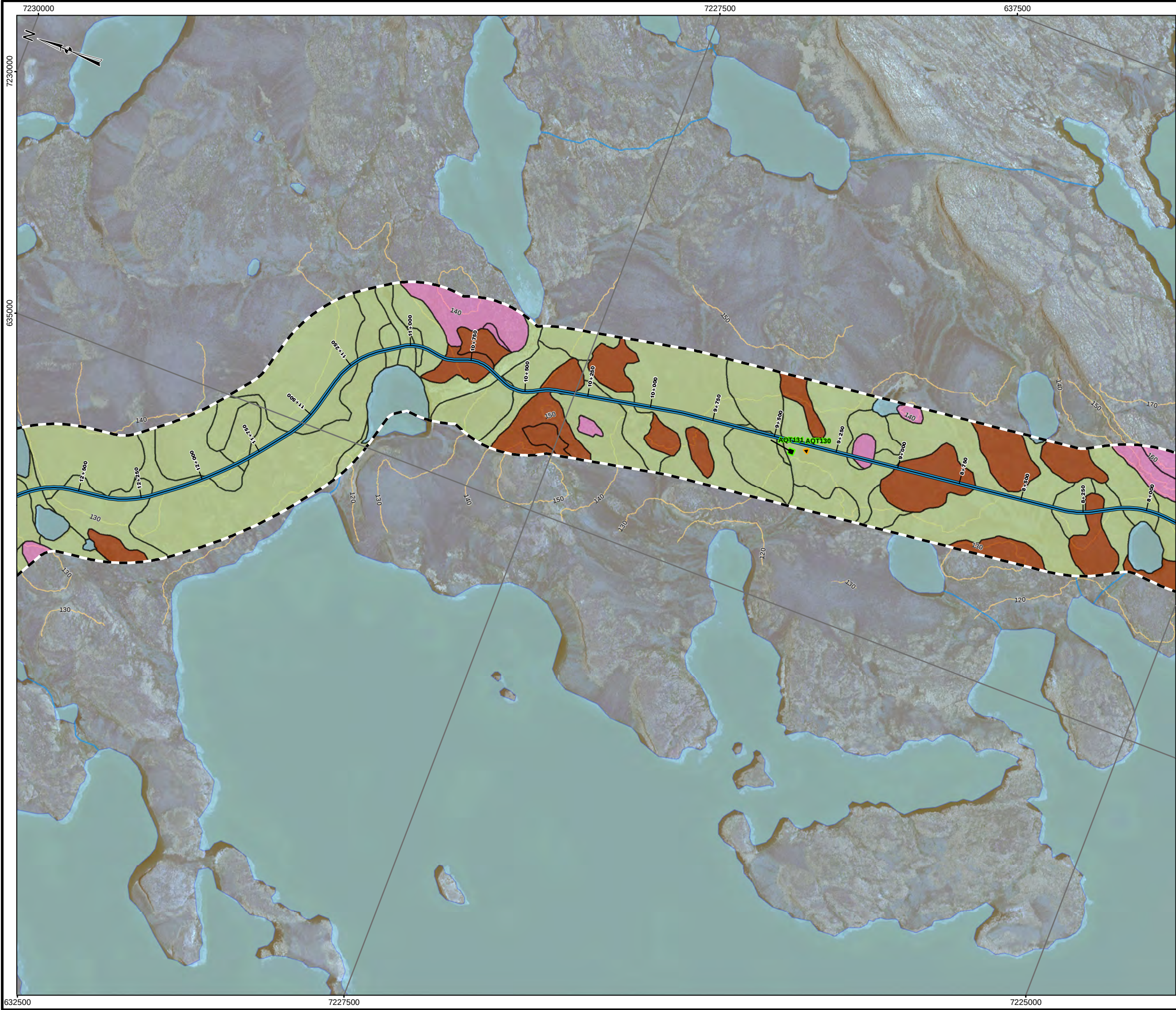
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DESIGN	AS	27 Oct. 2015
GIS	MM	02 May. 2016
CHECK	AS	02 May. 2016
REVIEW	DO	02 May. 2016

SCALE AS SHOWN

REV. 0

FIGURE D - 2

N:\Active\Project\2015\1524321_Amaruq\Mapping\MXD\Soil&Terrain\Baseline Report\FigD1-22_1524321_SOIL_Rev0.mxd



LEGEND

STUDY AREA

FIELD SITE LOCATION

SURVEYED SOIL SITE

SAMPLE SOIL SITE

DOMINANT SOIL SUBGROUP

SOIL UNIT (APPROXIMATE)

ORTHIC DYSTRIC TURBIC CRYOSOL (OD.TC)

REGOSOLIC TURBIC CRYOSOL (R.TC)

WATER (N)

BEDROCK (R)

PROPOSED HAUL ROAD

SECTION 1

BASEMAP FEATURES

CONTOUR (10m INTERVAL)

WATERCOURSE

WATERBODY

REFERENCE

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DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

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723000

635000

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SCALE 1:15,000METRES

PROJECT

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION
WHALE TAIL PIT PROJECT

TITLE

DISTRIBUTION AND EXTENT
OF DOMINANT SOIL SUBGROUPS
WITHIN THE STUDY AREA

PROJECT		1524321	FILE No.
DESIGN	AS	27 Oct. 2015	SCALE AS SHOWN
GIS	MM	02 May. 2016	REV. 0
CHECK	AS	02 May. 2016	
REVIEW	DO	02 May. 2016	

FIGURE D - 3

N:\Active\Project\2015\1524321_Amaruq\Mapping\MXD\Soil&Terrain\Baseline Report\FigD1-22_1524321_SOIL_Rev0.mxd



LEGEND

STUDY AREA

FIELD SITE LOCATION

SURVEYED SOIL SITE

SAMPLE SOIL SITE

DOMINANT SOIL SUBGROUP

SOIL UNIT (APPROXIMATE)

ORTHIC DYSTRIC BRUNISOL (O.DYB)

ORTHIC DYSTRIC TURBIC CRYOSOL (OD.TC)

REGOSOLIC TURBIC CRYOSOL (R.TC)

WATER (N)

BEDROCK (R)

PROPOSED HAUL ROAD

SECTION 1

SECTION 2

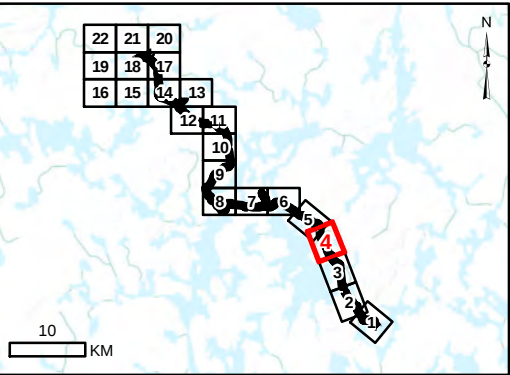
BASEMAP FEATURES

CONTOUR (10m INTERVAL)

WATERCOURSE

WATERBODY

ESKER



REFERENCE
PHOTOSAT IMAGERY/CONTOURS AND BASE DATA OBTAINED FROM AGNICO EAGLE MINES LIMITED (AGNICO EAGLE). HYDROGRAPHY DATA FROM CANVEC. IMAGERY COPYRIGHT © 20150226 ESRii AND ITS LICENSORS. SOURCE: GEOEYE IKONOS. USED UNDER LICENSE, ALL RIGHTS RESERVED.
DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

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SCALE 1:15,000METRES

PROJECT

AGNICO EAGLE

TITLE

DISTRIBUTION AND EXTENT
OF DOMINANT SOIL SUBGROUPS
WITHIN THE STUDY AREA

PROJECT	1524321	FILE No.
DESIGN	AS	27 Oct. 2015
GIS	MM	02 May. 2016
CHECK	AS	02 May. 2016
REVIEW	DO	02 May. 2016

SCALE AS SHOWNREV. 0

FIGURE D - 4