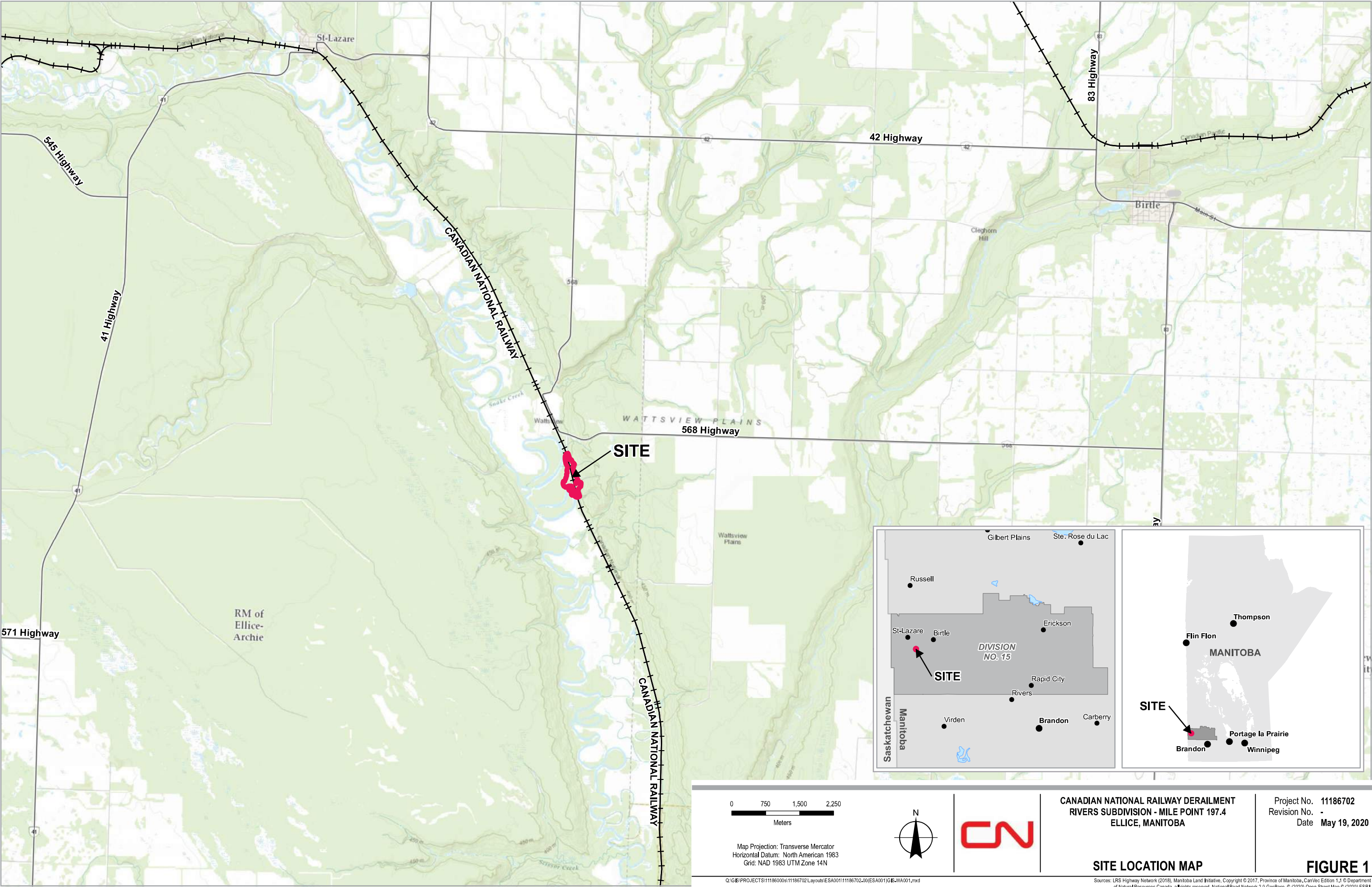
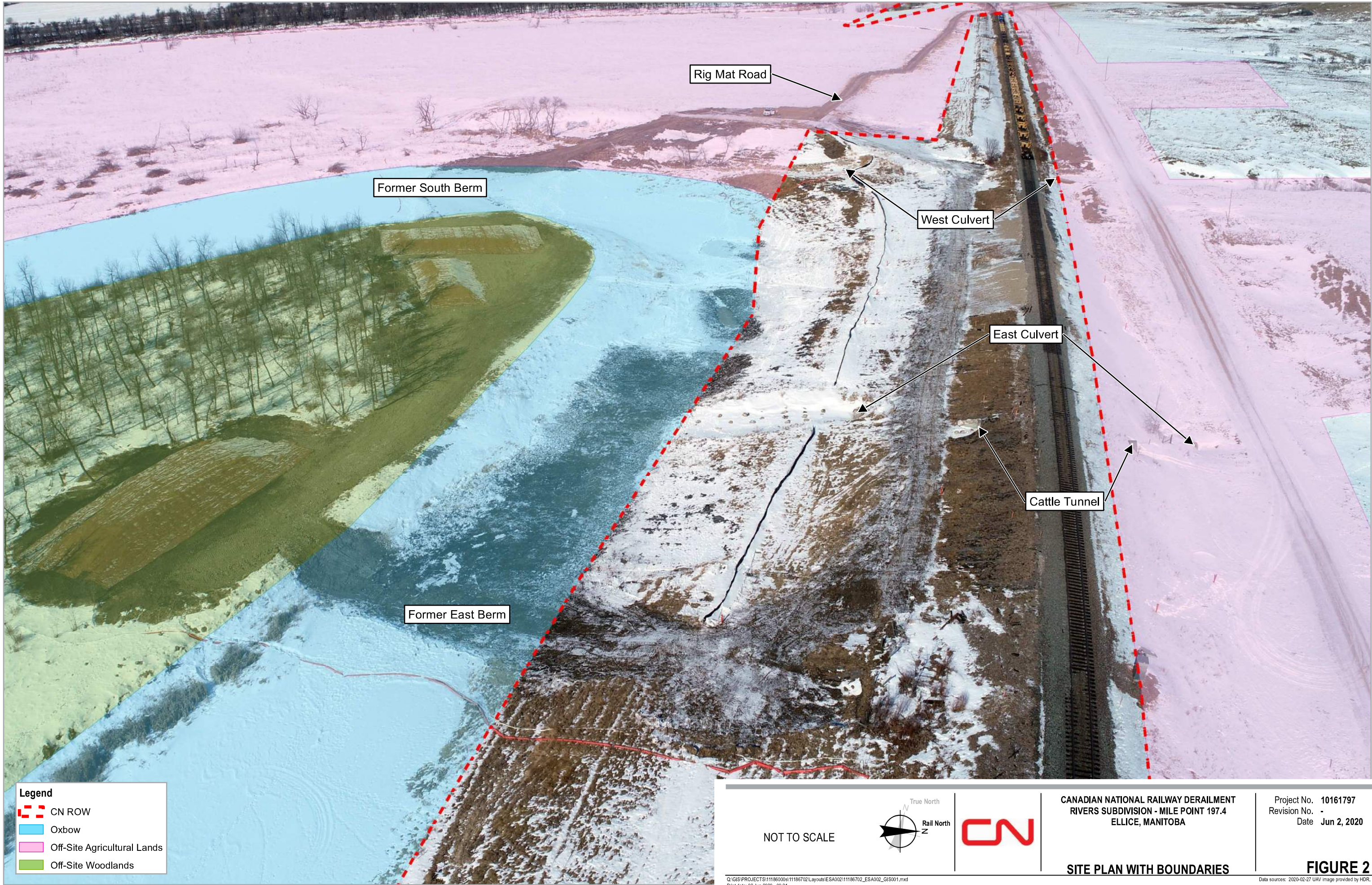




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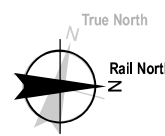
Sources: LRS Highway Network (2018), Manitoba Land Initiative, Copyright © 2017, Province of Manitoba, CanVec Edition 1.1 © Department of Natural Resources Canada, all rights reserved, National Road Network 2.0 GeoBase, © (2020) Open Street Map, © (2020) ESRI



Legend

- CN ROW
- Oxbow
- Off-Site Agricultural Lands
- Off-Site Woodlands

NOT TO SCALE

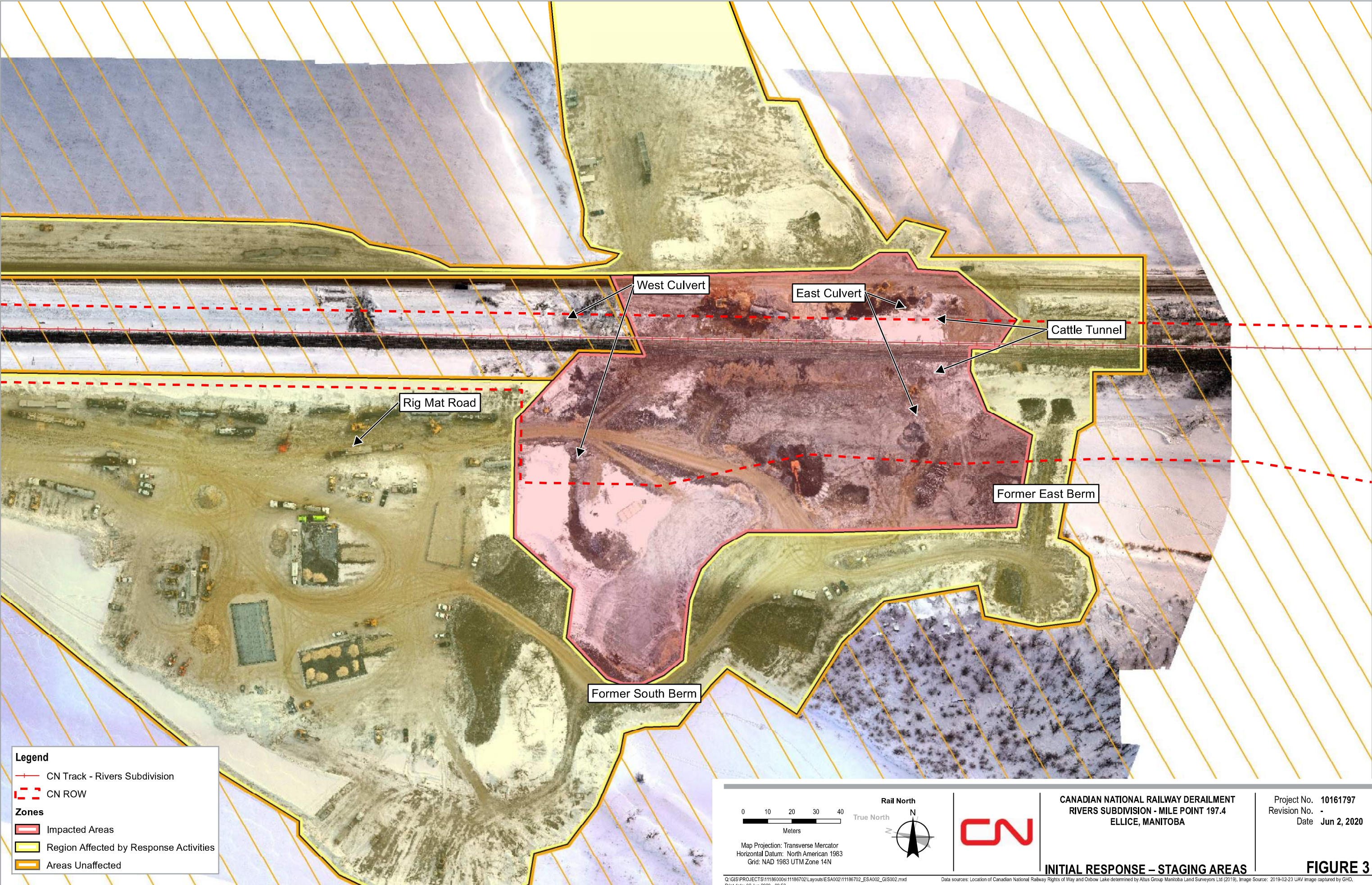


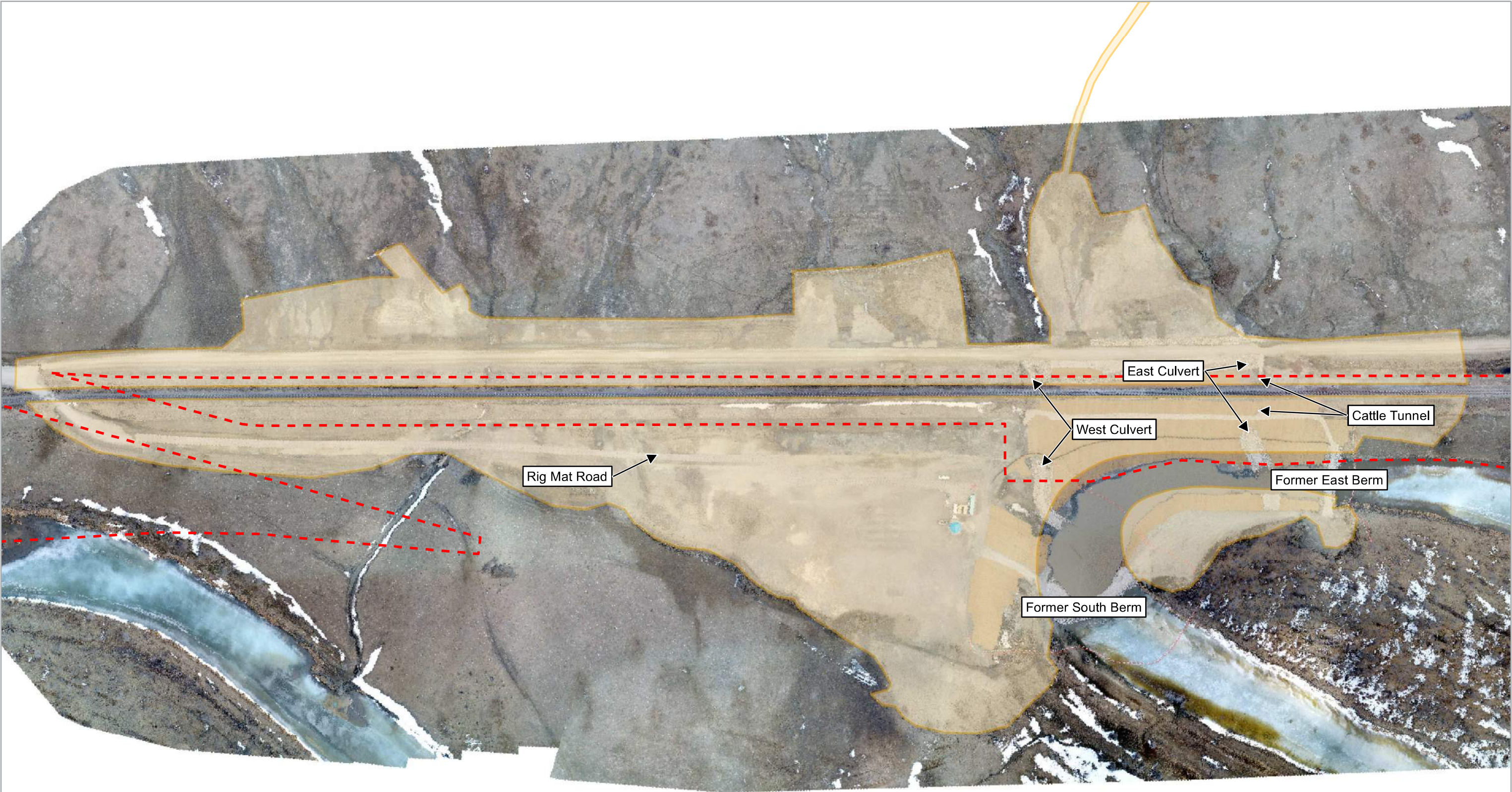
CANADIAN NATIONAL RAILWAY DERAILMENT
RIVERS SUBDIVISION - MILE POINT 197.4
ELLICE, MANITOBA

SITE PLAN WITH BOUNDARIES

Project No. 10161797
Revision No. -
Date Jun 2, 2020

FIGURE 2





Legend

 CN ROW

 Disturbed Acres

***Note:**

1) South CN ROW based on Survey done by Altus Group Manitoba Land Surveyors Ltd.

2) Remaining CN ROW is based on property boundary data from Manitoba Property Assessment Information. Data aquired on:14/03/2019.

0 20 40 60 80

Meters

Rail North
N

True North
Z





CANADIAN NATIONAL RAILWAY DERAILMENT
RIVERS SUBDIVISION - MILE POINT 197.4
ELLICE, MANITOBA

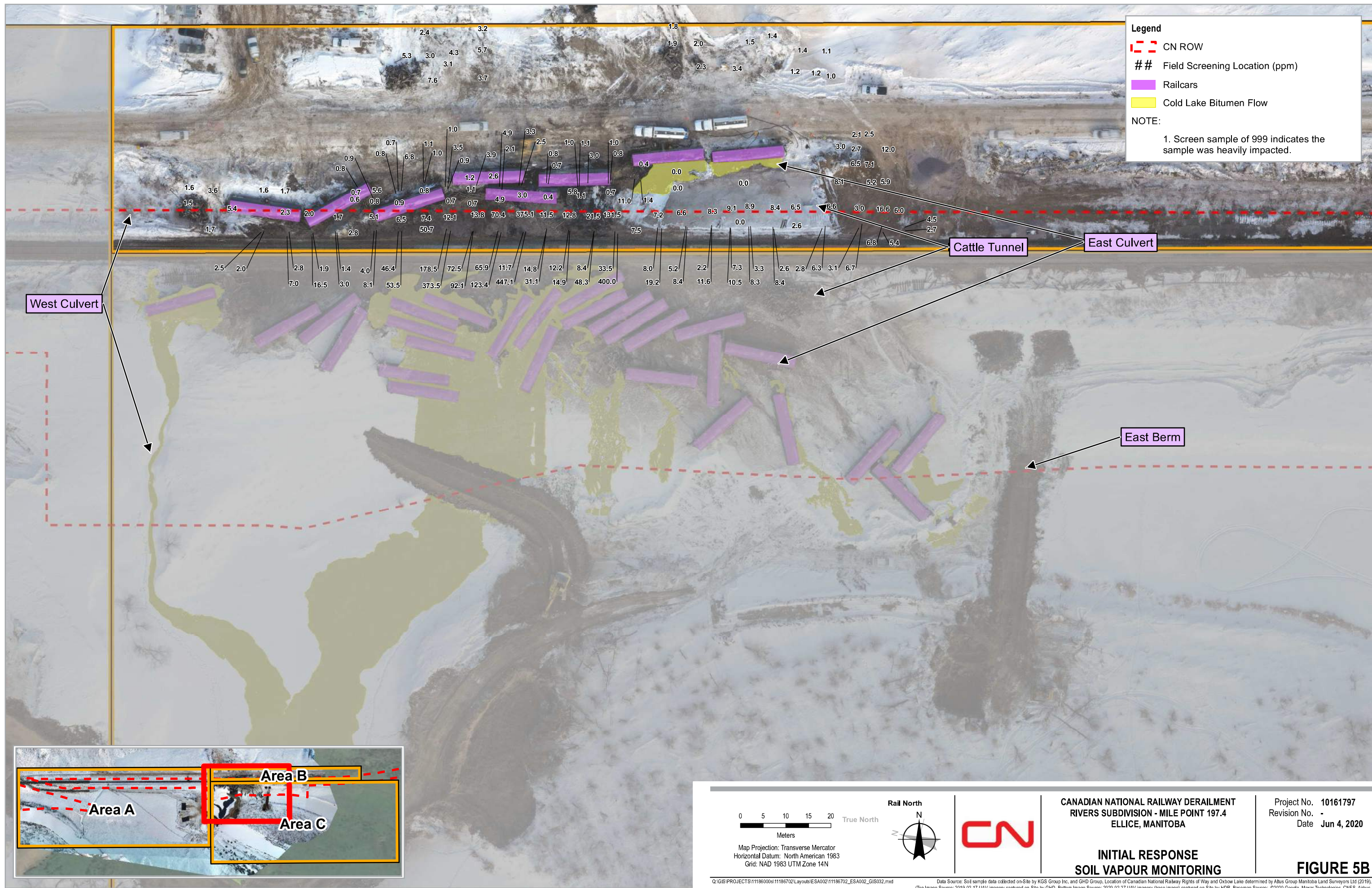
Project No. 10161797
Revision No. -
Date Jun 2, 2020

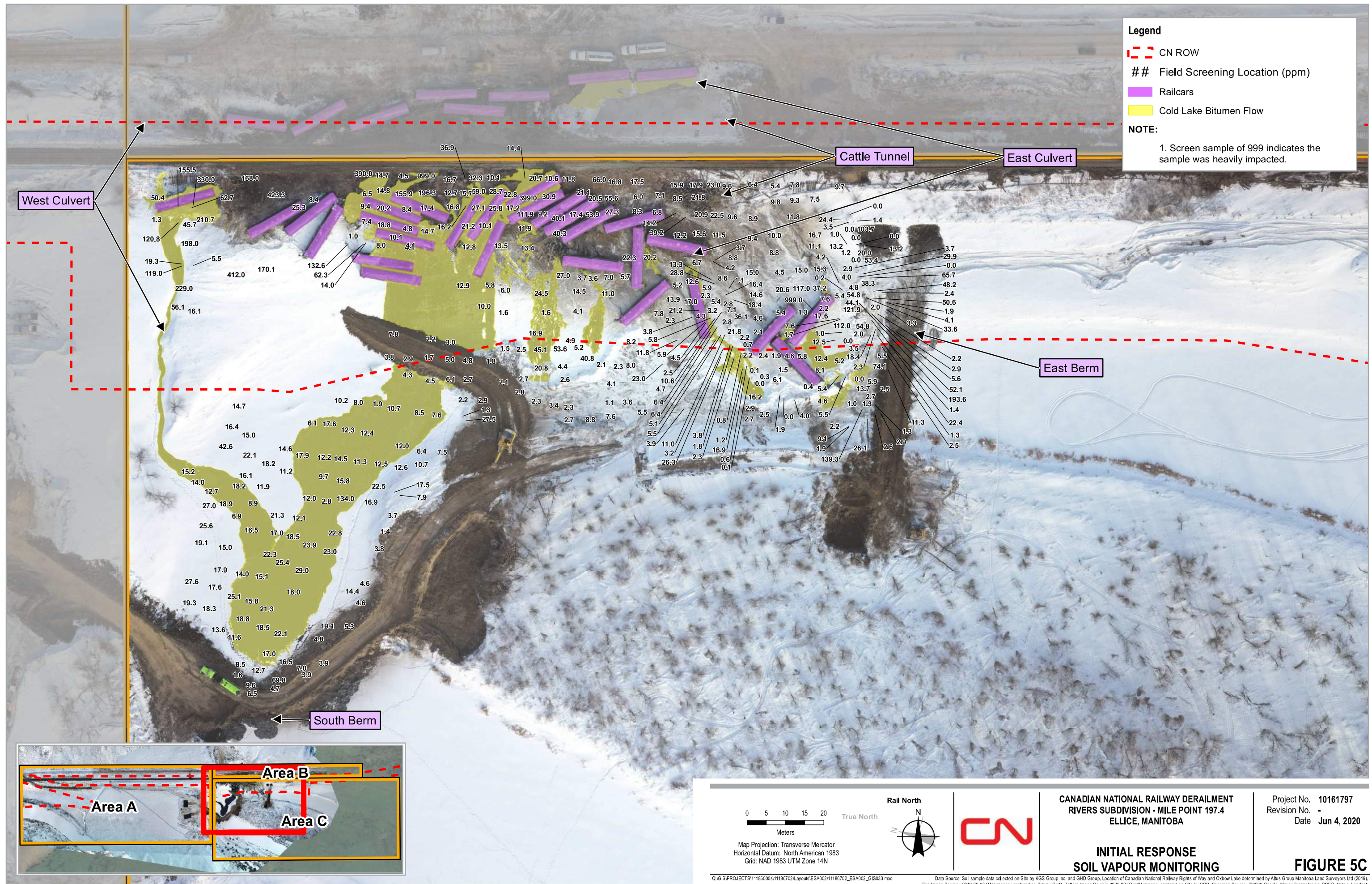
INITIAL RESPONSE - DISTURBED AREAS

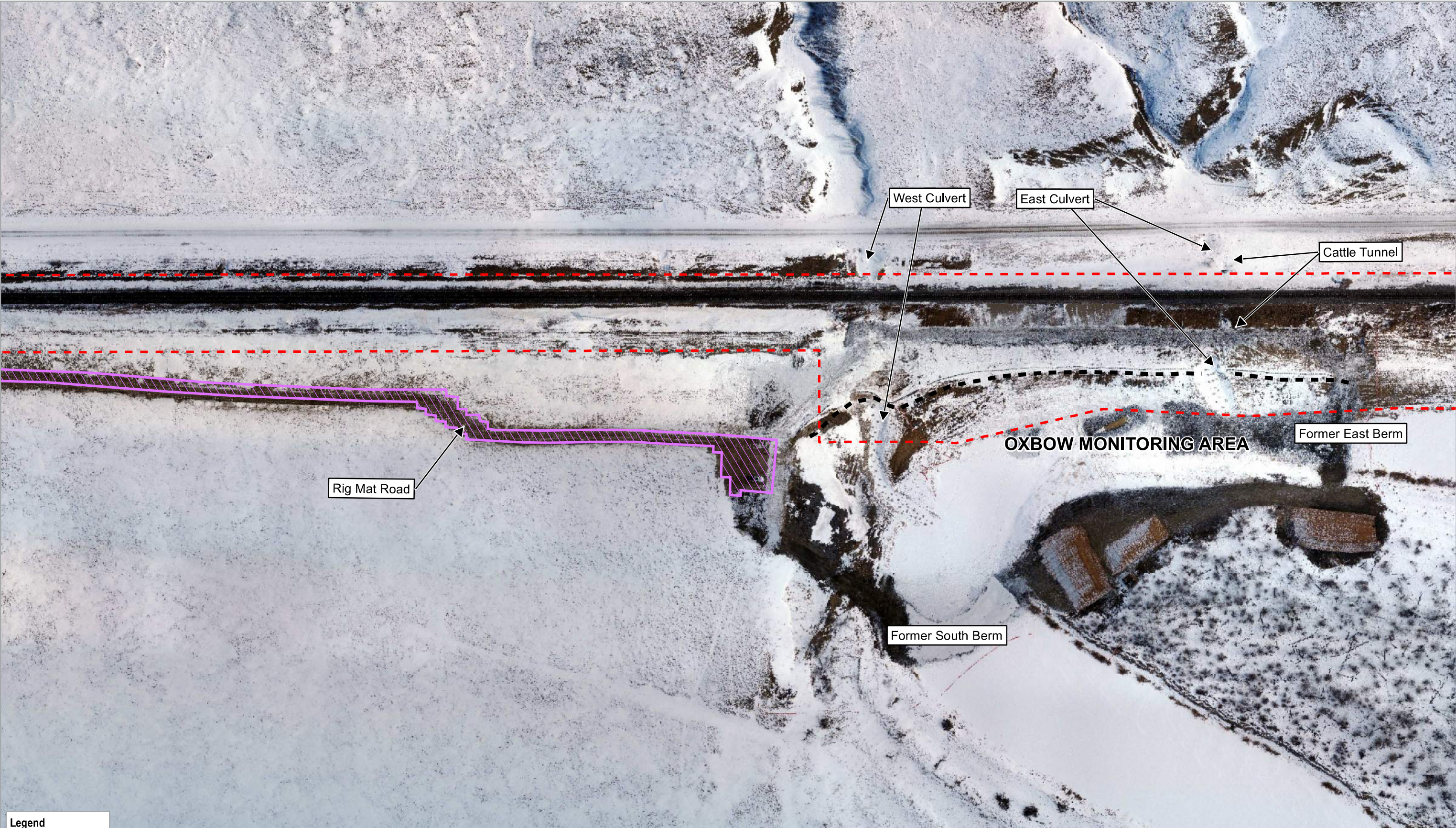
FIGURE 4

Q:\GIS\PROJECTS\11186000\11186702\Layouts\ESA002\11186702_ESA002_GIS003.mxd
Print date: 02 Jun 2020 - 00:34

Data sources: Location of Canadian National Railway Rights of Way and Oxbow Lake determined by Altus Group Manitoba Land Surveyors Ltd (2019). Image Source: 2019-27-03 UAV Imagery provided by KGS Group.







Legend

CN ROW

Silt Fence

Rig Mat Road

***Note:**
1) South CN ROW based on Survey done by Altus Group Manitoba Land Surveyors Ltd.
2) Remaining CN ROW is based on property boundary data from Manitoba Property Assessment Information. Data aquired on:14/03/2019.

0 15 30 45
Meters

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 14N

Rail North
True North

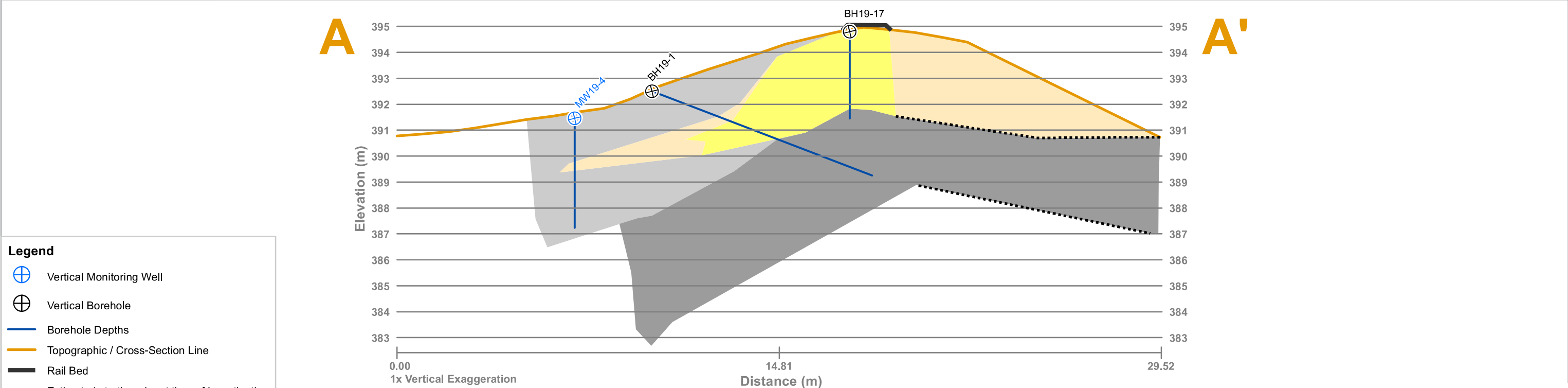
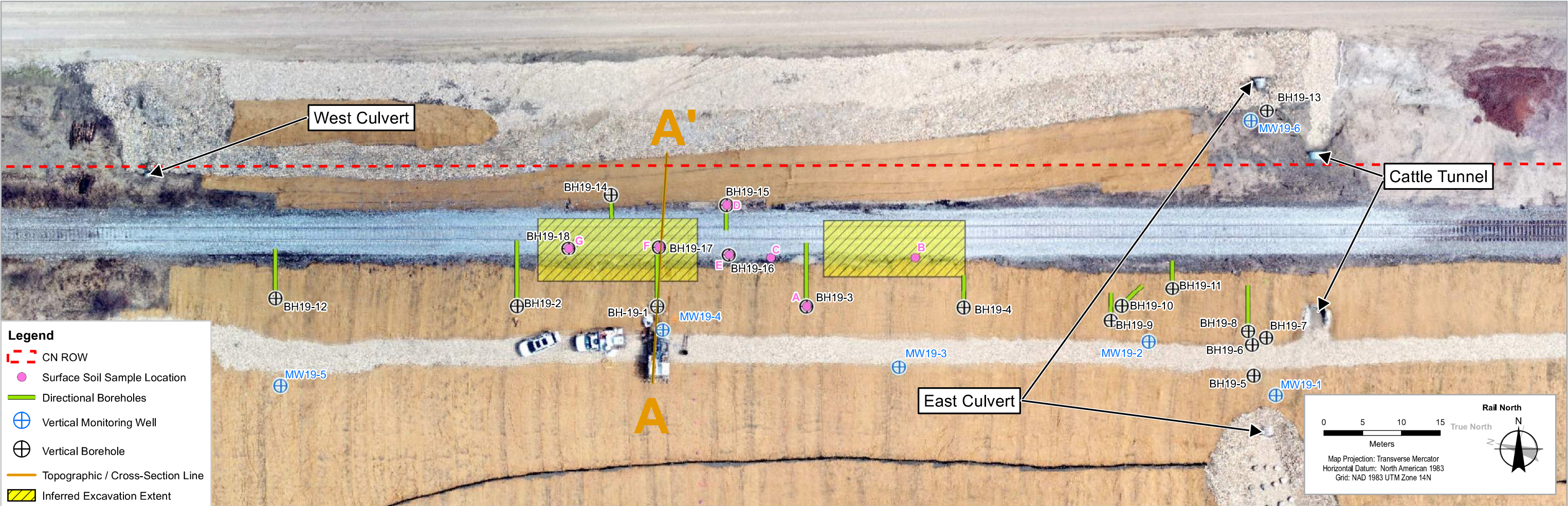
CANADIAN NATIONAL RAILWAY DERAILMENT
RIVERS SUBDIVISION - MILE POINT 197.4
ELLICE, MANITOBA

Project No. 10161797
Revision No. -
Date Jun 2, 2020

MONITORING AREAS

FIGURE 6A



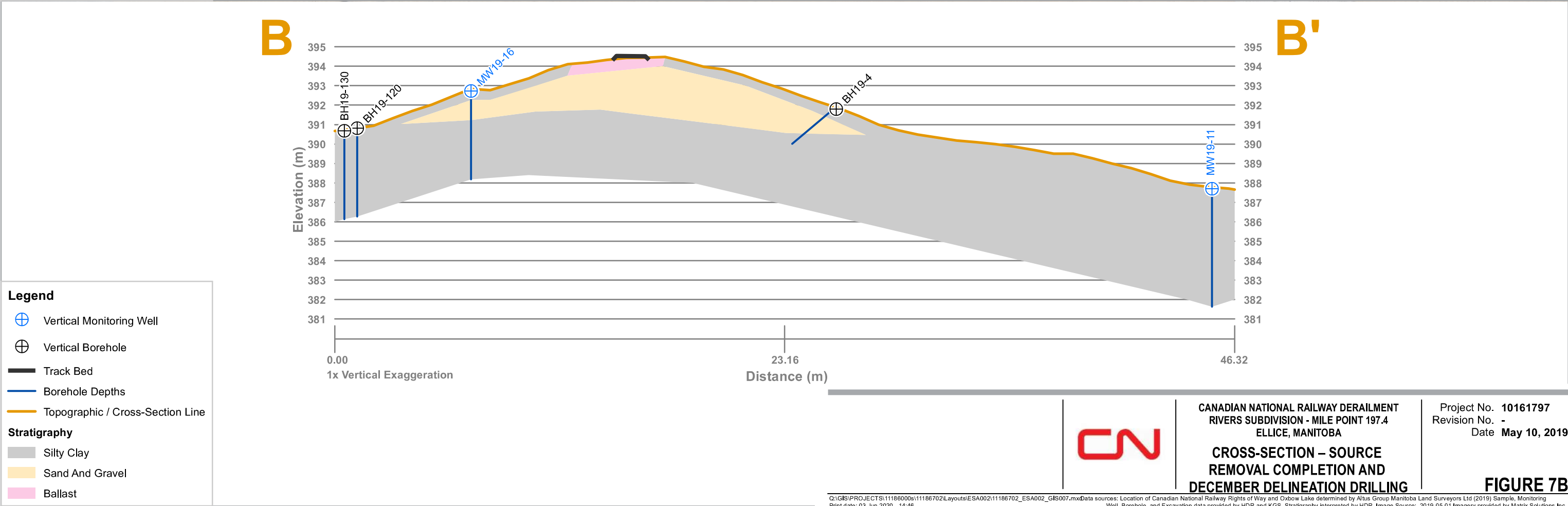
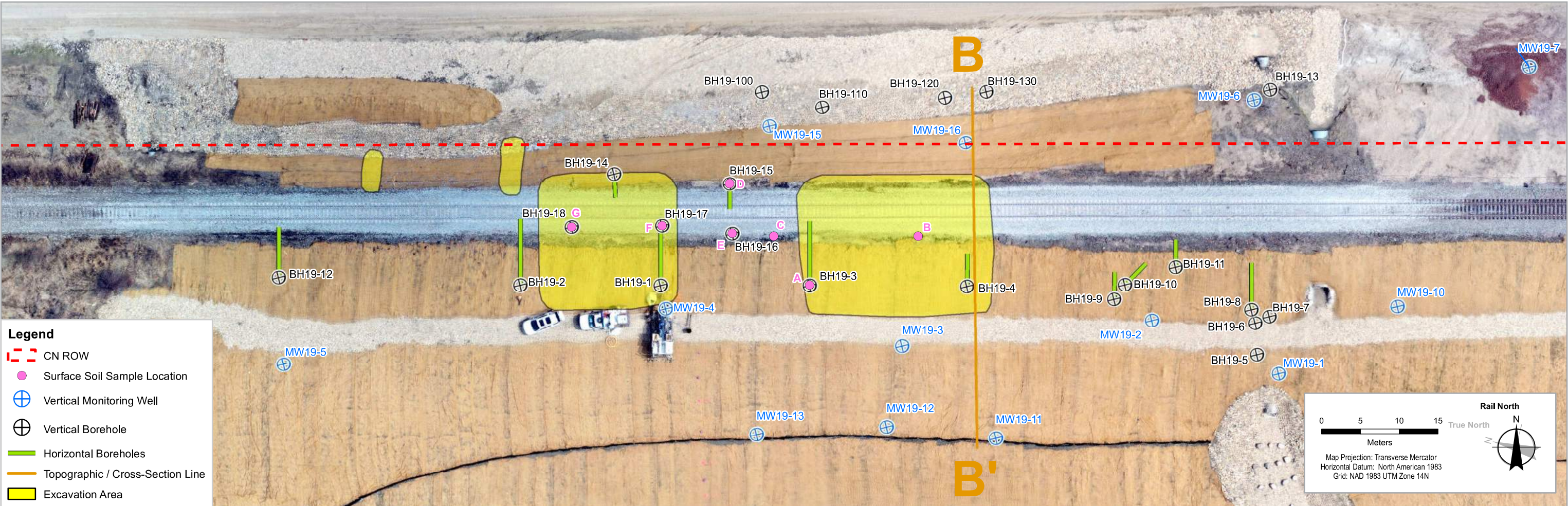


CANADIAN NATIONAL RAILWAY DERAILMENT
RIVERS SUBDIVISION - MILE POINT 197.4
ELLICE, MANITOBA

**CROSS-SECTION
MAY DELINEATION DRILLING &
SOURCE REMOVAL PLANNING**

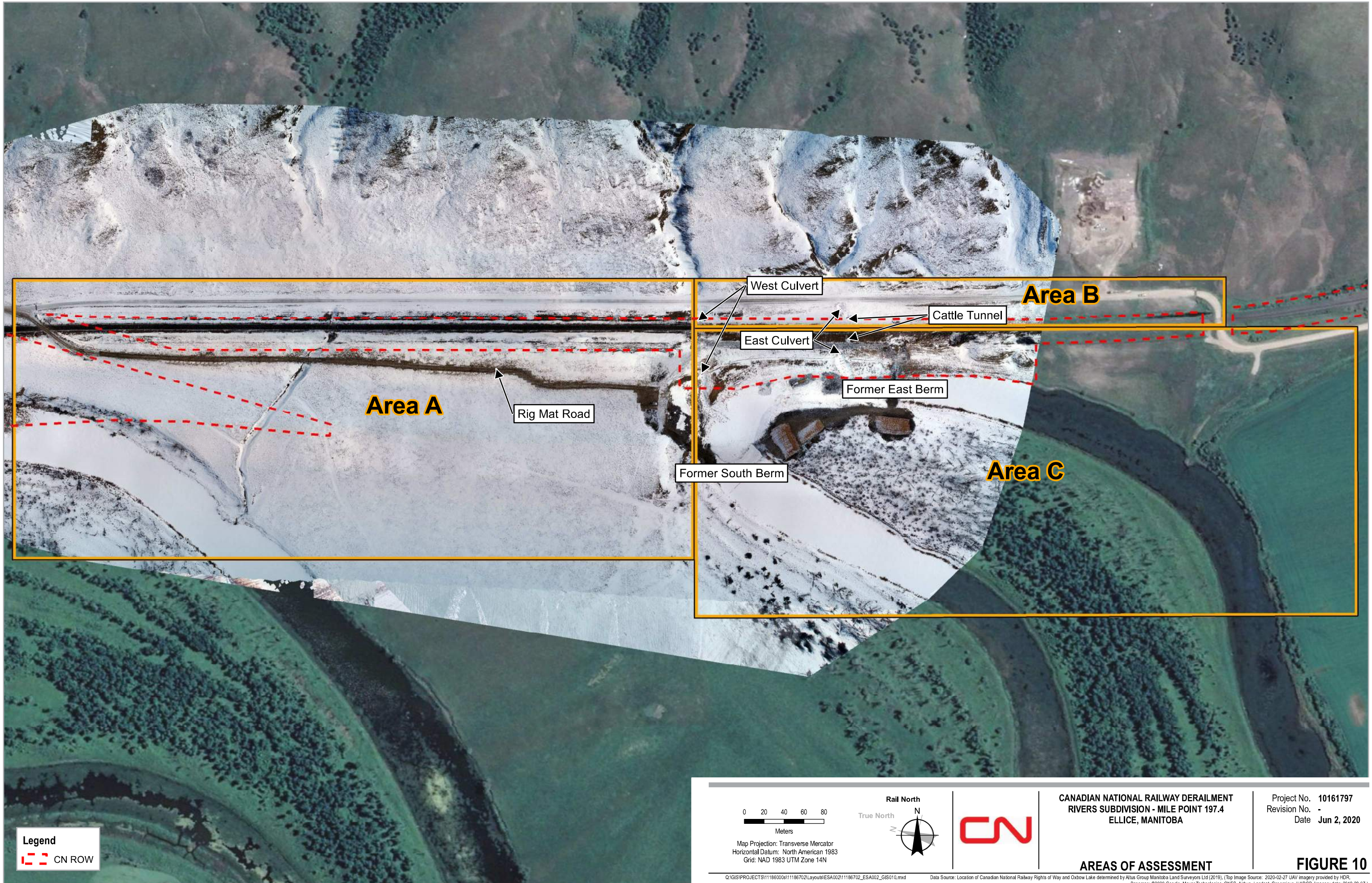
Project No. **10161797**
Revision No. -
Date **May 10, 2019**

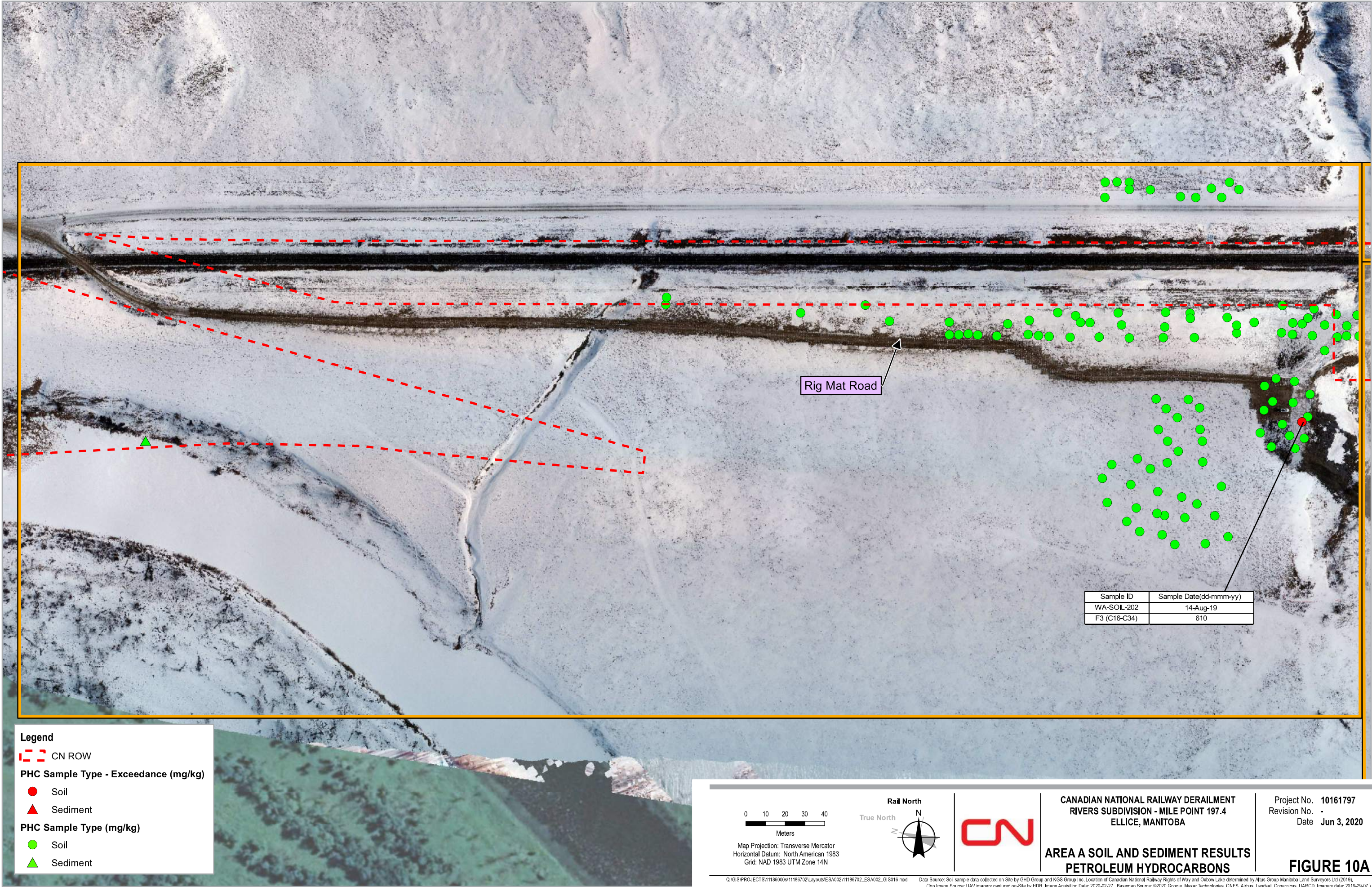
FIGURE 7A



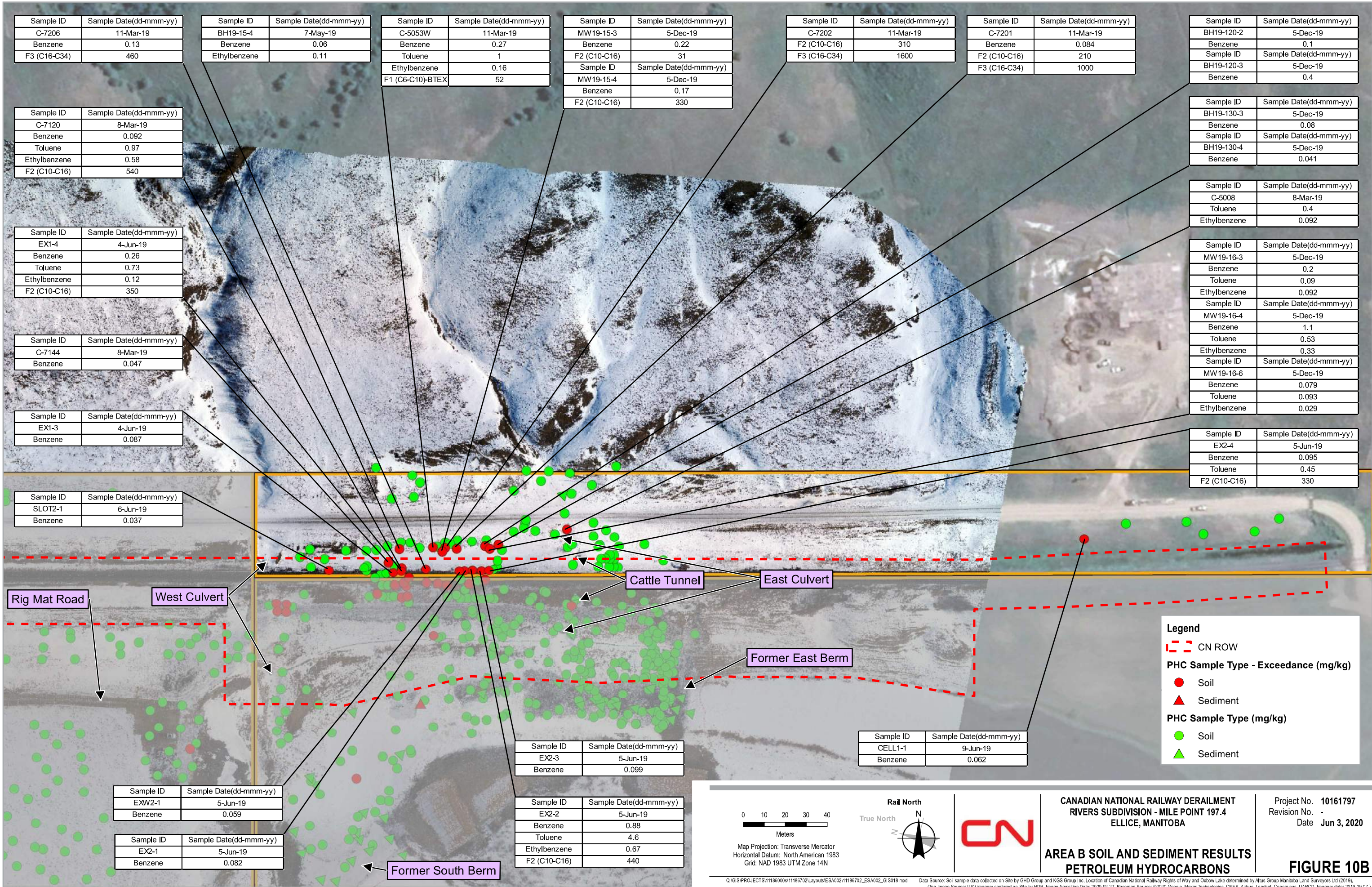








Q:\GIS\PROJECTS\11186000\11186702\Layouts\ESA002\11186702_ESA002_GIS016.mxd Data Source: Soil sample data collected on-Site by GHD Group and KGS Group Inc. Location of Canadian National Railway Rights of Way and Oxbow Lake determined by Atlas Group Manitoba Land Surveyors Ltd (2019).
(Top Image Source: UAV imagery captured on-Site by HDR, Image Acquisition Date: 2020-02-27, Basemap Source: ©2020 Google, Maxar Technologies, CNES, Airbus, Landsat, Copernicus, UARCD, Imagery date: 2019-29-07.)

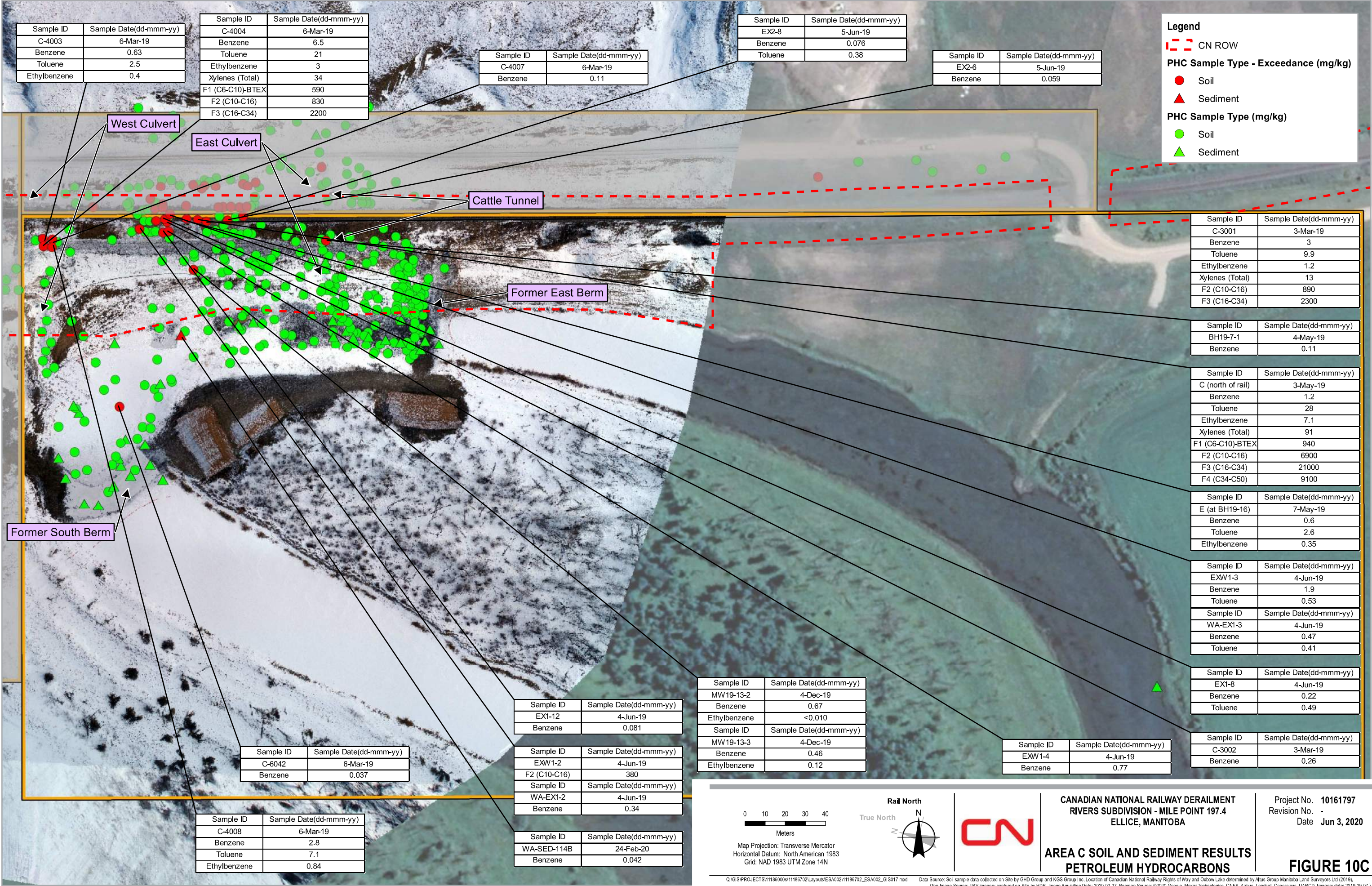


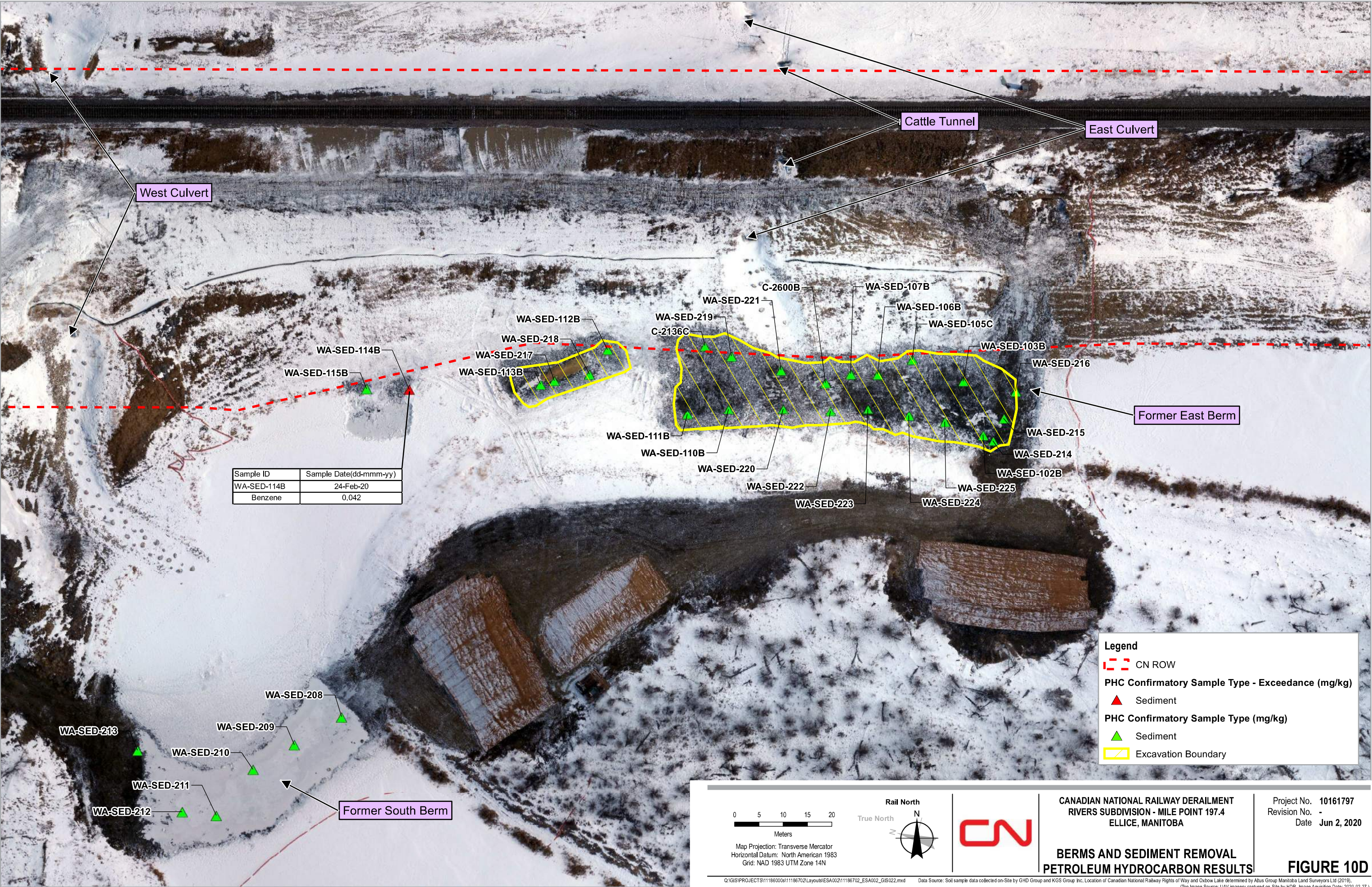
CANADIAN NATIONAL RAILWAY DERAILMENT
RIVERS SUBDIVISION - MILE POINT 197.4
ELLICE, MANITOBA

**AREA B SOIL AND SEDIMENT RESULTS
PETROLEUM HYDROCARBONS**

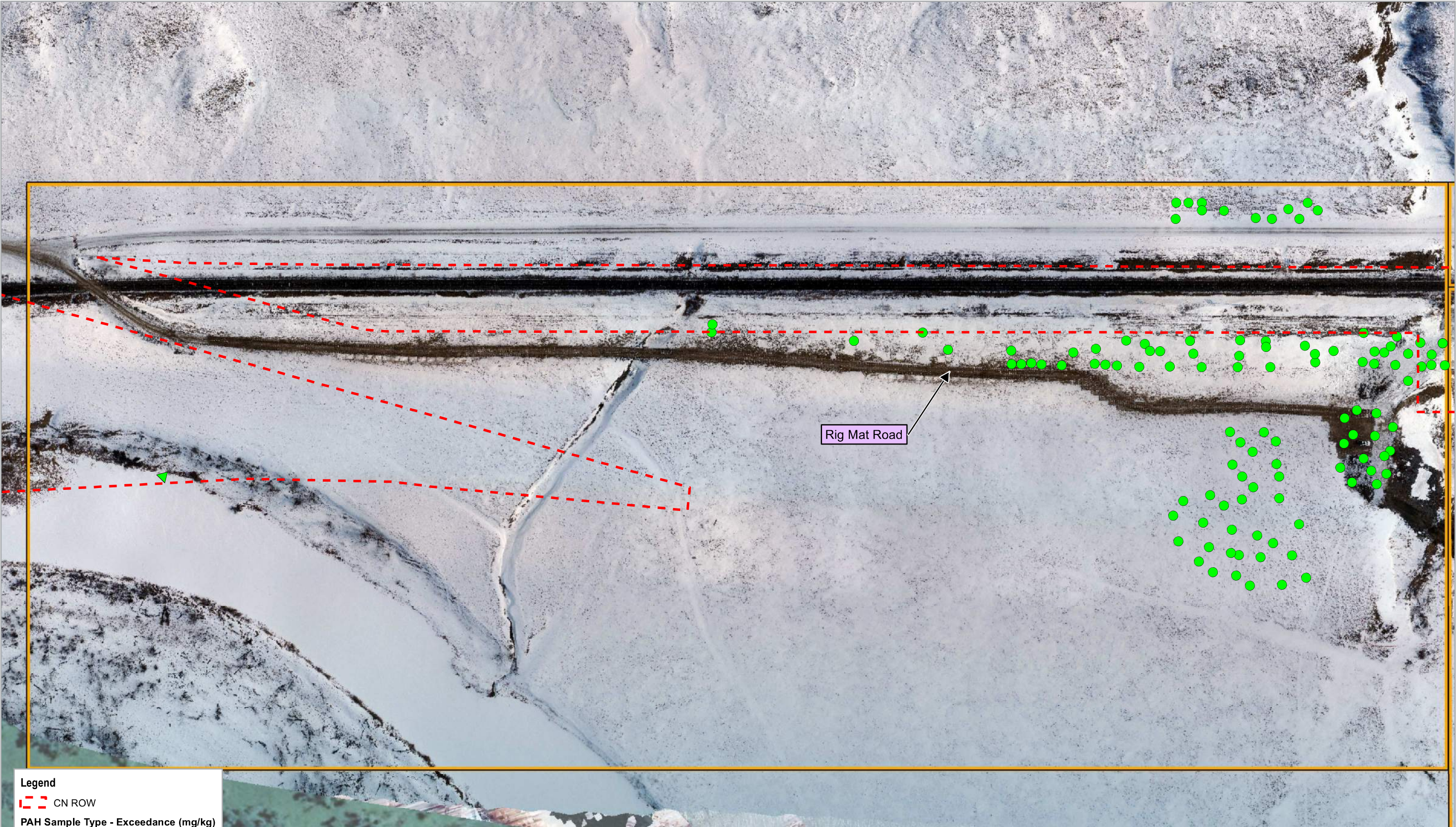
Project No. 10161797
Revision No. -
Date Jun 3, 2020

FIGURE 10B





Q:\GIS\PROJECTS\11186000s\11186702\Layouts\ESA00211186702_ESA002_GIS022.mxd Data Source: Soil sample data collected on-site by GHD Group and KGS Group Inc. Location of Canadian National Railway Rights of Way and Oxbow Lake determined by Altus Group Manitoba Land Surveyors Ltd (2019). (Top Image Source: UAV imagery captured on-site by HDR, Image Acquisition Date: 2020-02-27.)



Legend

CN ROW

PAH Sample Type - Exceedance (mg/kg)

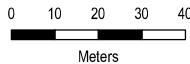
Soil

Sediment

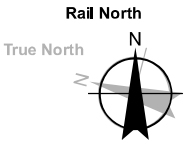
PAH Sample Type (mg/kg)

Soil

Sediment



Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 14N

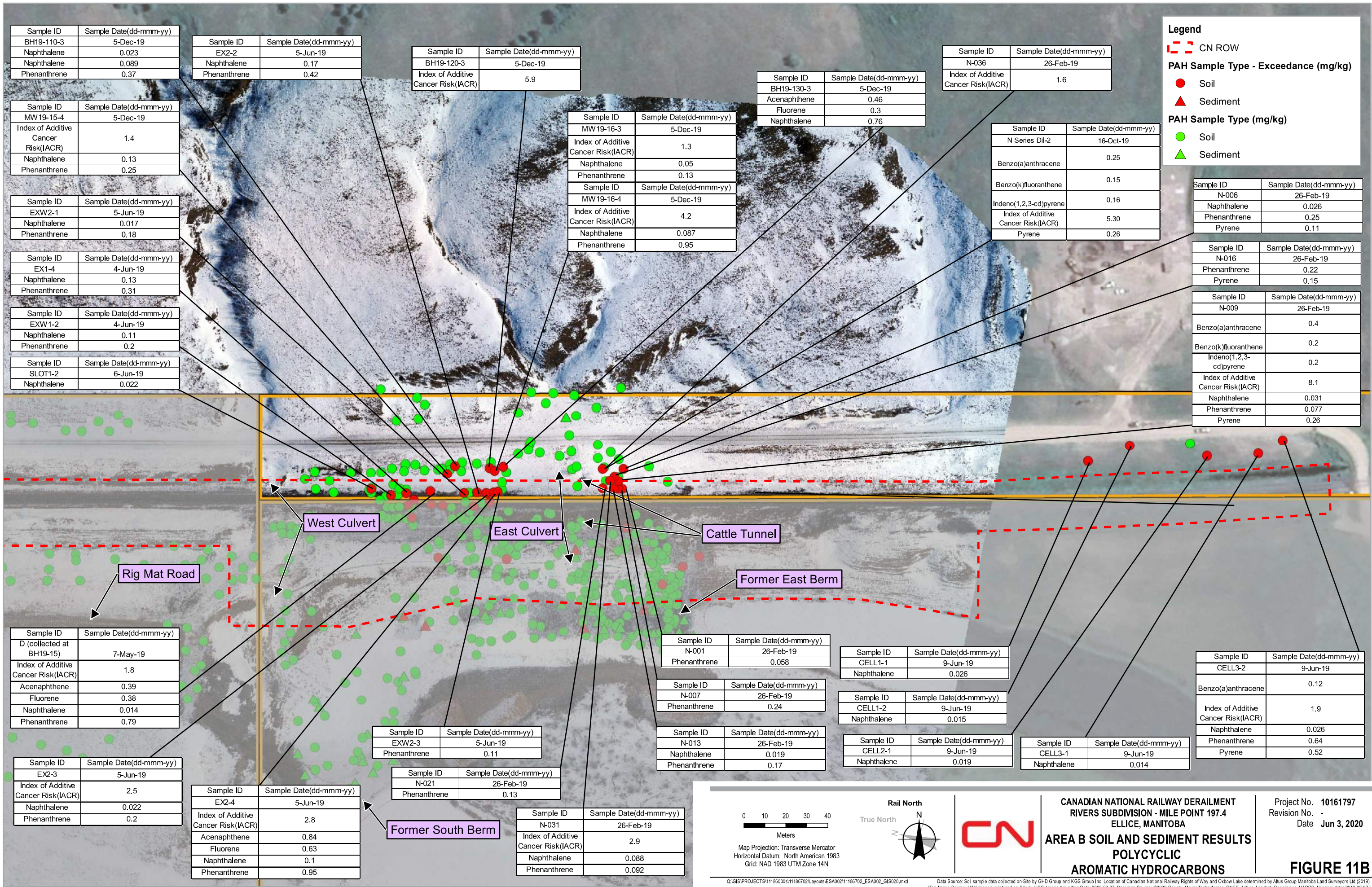


**CANADIAN NATIONAL RAILWAY DERAILMENT
RIVERS SUBDIVISION - MILE POINT 197.4
ELLICE, MANITOBA
AREA A SOIL AND SEDIMENT RESULTS
POLYCYCLIC
AROMATIC HYDROCARBONS**

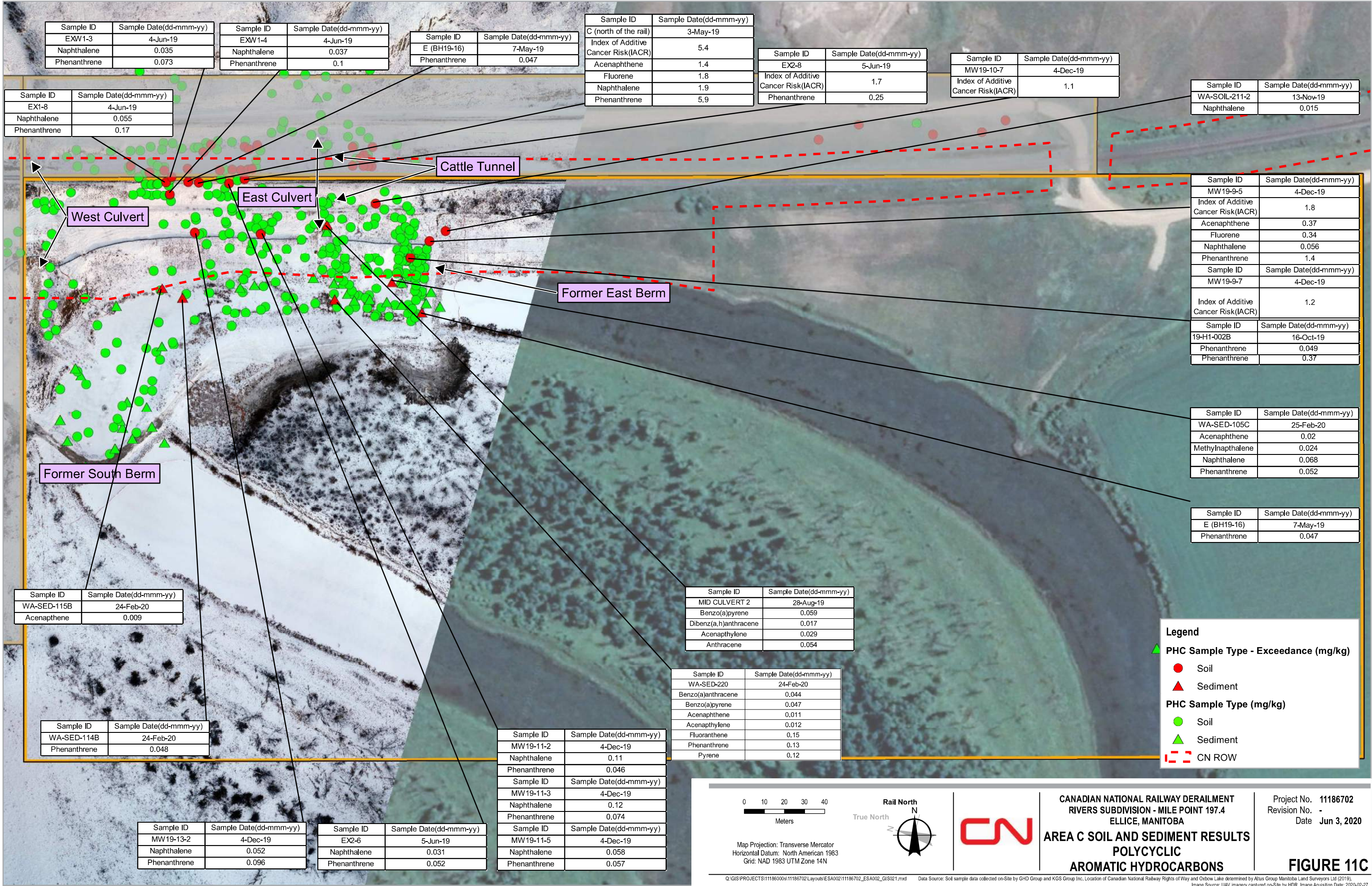
Project No. 10161797
Revision No. -
Date Jun 3, 2020

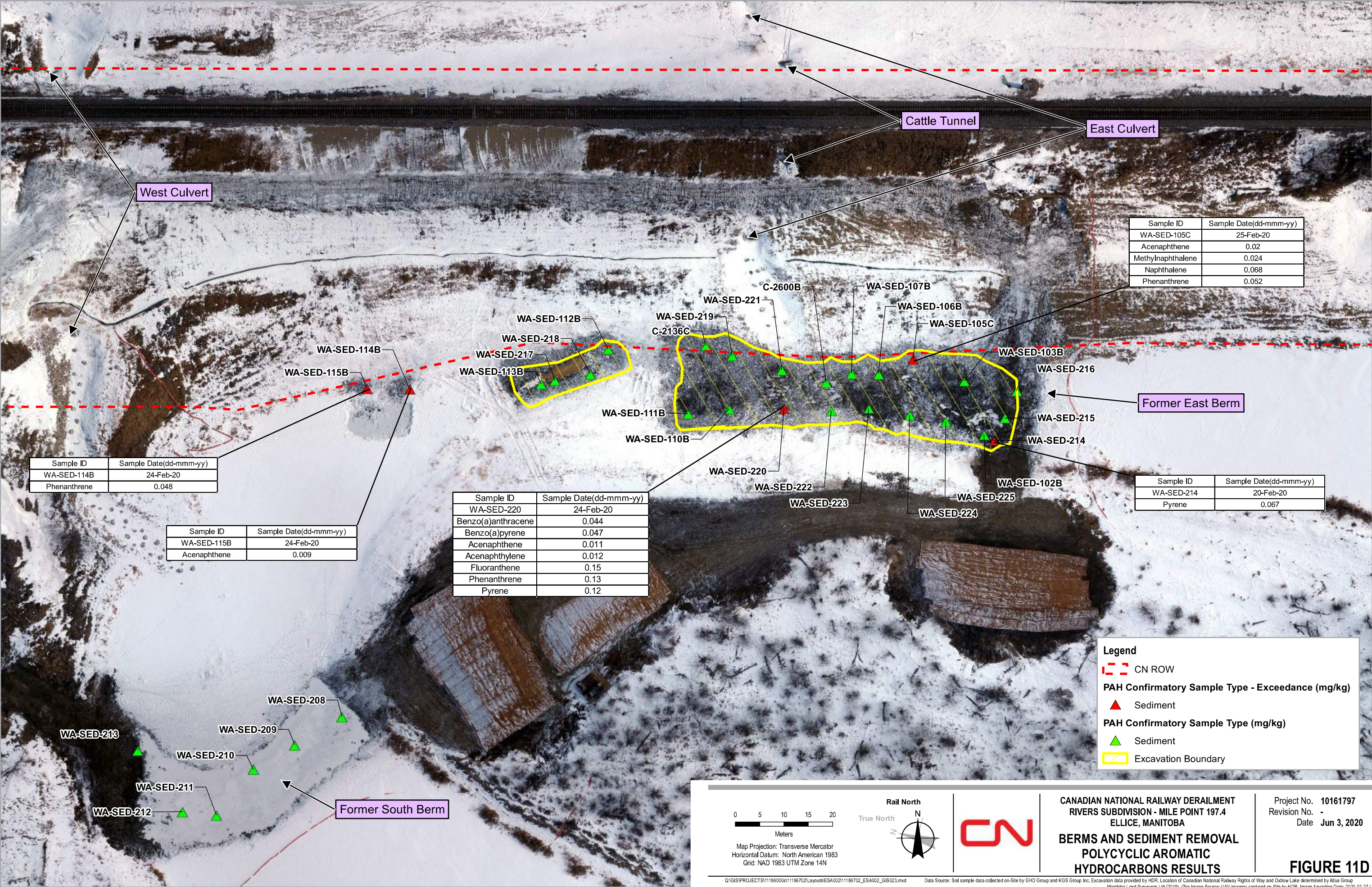
FIGURE 11A

Q:\GIS\PROJECTS\11186000\11186702\Layouts\ESA002\11186702_ESA002_GIS019.mxd Data Source: Soil sample data collected on-site by GHD Group and KGS Group Inc. Location of Canadian National Railway Rights of Way and Oxbow Lake determined by Atlas Group Manitoba Land Surveyors Ltd (2019).
(Top Image Source: UAV imagery captured on-site by HDR, Image Acquisition Date: 2020-02-27, Basemap Source: ©2020 Google, Maxar Technologies, CNES, Airbus, Landsat, Copernicus, UARCD, Imagery date: 2019-29-07)

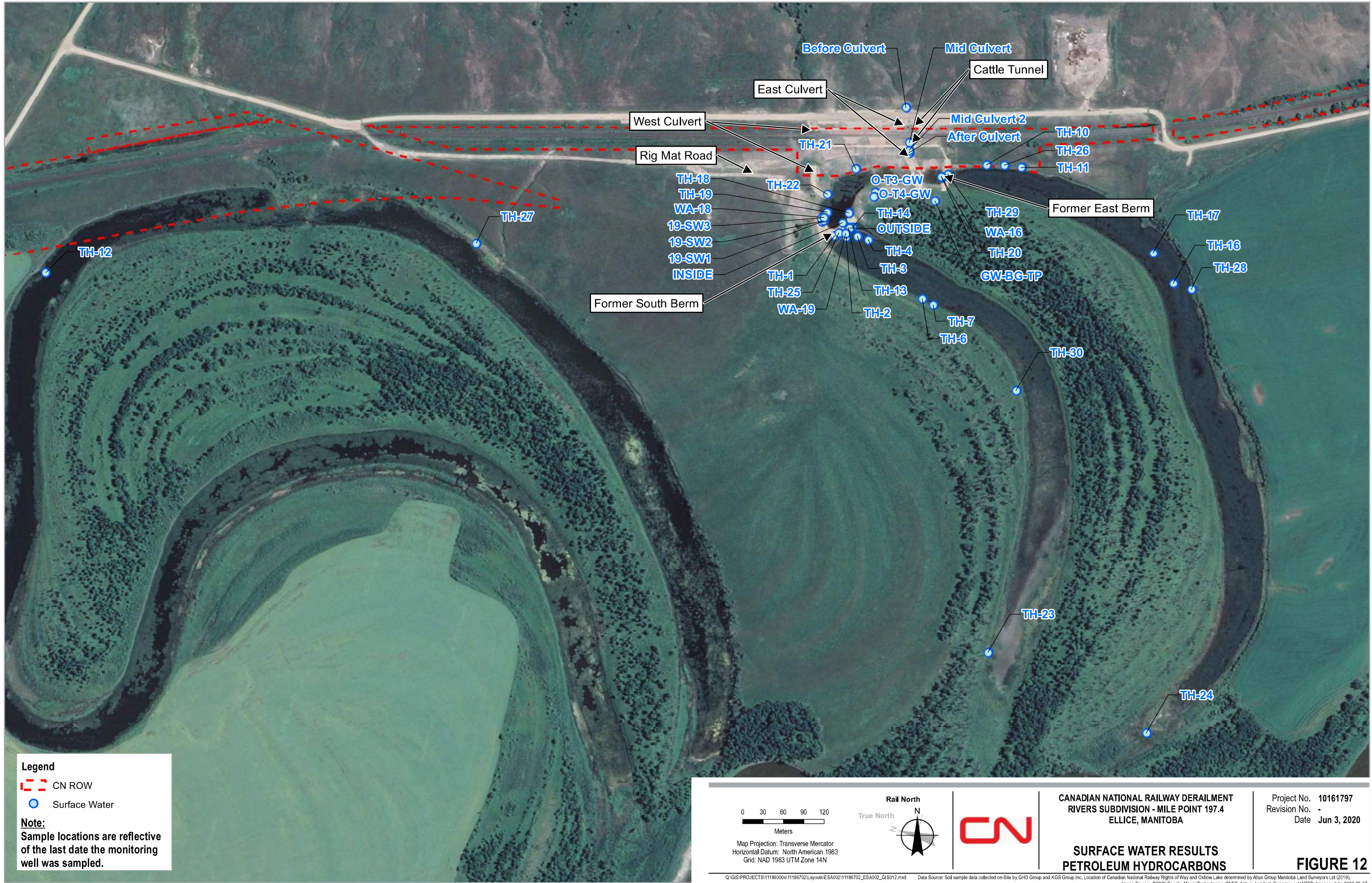


Q:\GIS\PROJECTS\11186000\11186702\Layouts\ESA002\11186702_ESA002_GIS020.mxd
Data Source: Soil sample data collected on-site by GHD Group and KGS Group Inc. Location of Canadian National Railway Rights of Way and Onbow Lake determined by Allus Group Manitoba Land Surveyors Ltd (2019).
(Top Image Source: UAV imagery captured on-site by HDR, Image Acquisition Date: 2020-02-27, Basemap Source: ©2020 Google, Maxar Technologies, CNES, Airbus, Landsat, Copernicus, UARCD, Imagery date: 2019-29-07.)





Q:\GIS\PROJECTS\11186000s\11186702\Layouts\ESA002\11186702_ESA002_GIS023.mxd Data Source: Soil sample data collected on-site by GHD Group and KGS Group Inc. Excavation data provided by HDR, Location of Canadian National Railway Rights of Way and Oxbow Lake determined by Altus Group, Manitoba Land Surveyors Ltd (2019). (Top Image Source: UAV imagery captured on-site by HDR, Image Aquisition Date: 2020-02-27.)





Legend

--- CN ROW

● Surface Water

Note:
Sample locations are reflective of the most recent analytical sampling event.

0 30 60 90 120

Meters

Map Projection: Transverse Mercator
Horizontal Datum: North American 1983
Grid: NAD 1983 UTM Zone 14N

Rail North

True North

CANADIAN NATIONAL RAILWAY DERAILMENT
RIVERS SUBDIVISION - MILE POINT 197.4
ELLICE, MANITOBA

**SURFACE WATER RESULTS
POLYCYCLIC
AROMATIC HYDROCARBONS**

Project No. 10161797
Revision No. -
Date Jun 3, 2020

FIGURE 13

Q:\GIS\PROJECTS\11186000\11186702\Layouts\ESA002\11186702_ESA002_GIS013.mxd Data Source: Soil sample data collected on-site by GHD Group and KGS Group Inc. Location of Canadian National Railway Rights of Way and Oxbow Lake determined by Atlas Group Manitoba Land Surveyors Ltd (2019). Image Source: ©2020 Google, Maxar Technologies, CNES, Airbus, Landsat, Copernicus, UARCD. Imagery date: 2019-29-07.

