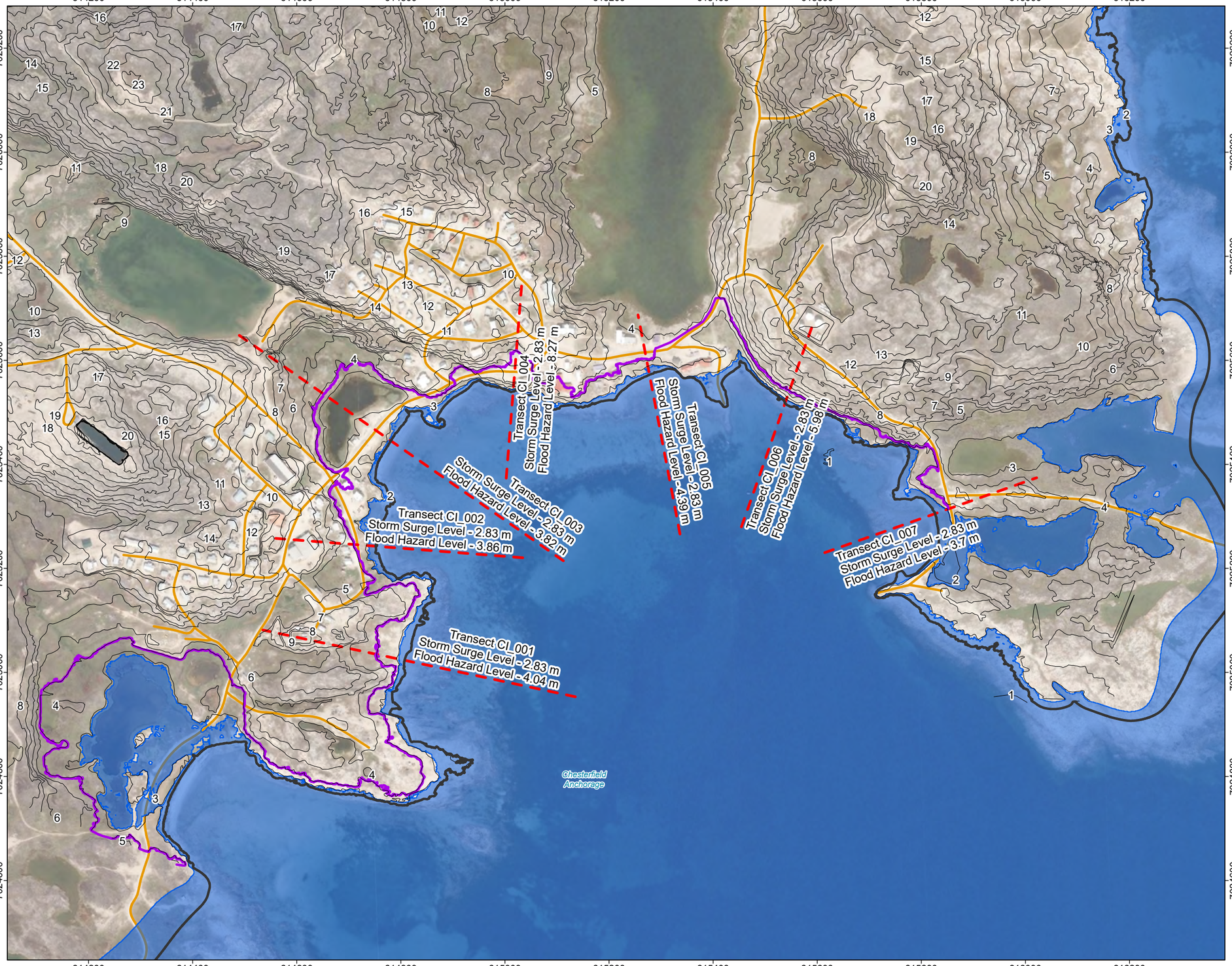


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Figure No.

CI00-10yr

Title

Chesterfield Inlet - 10yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

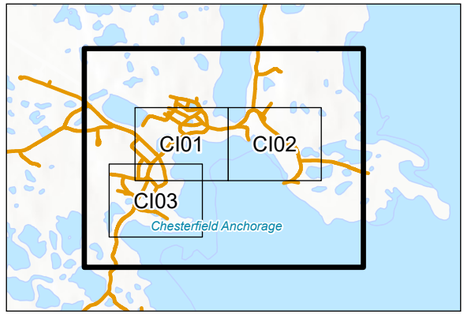
Project Location
Chesterfield Inlet, Nunavut

Prepared by MAINSLEY on 20260910
TR by HDASHTPEYMA on 20260910
IR by NKIMIAGHALAM on 20260910

N

0 100 200 Metres
(At original document size of 11x17)
1:7,500

- Modelling Transect
- HHWLT (1.97 m)
- Flood Hazard Level - 10 yr
- Storm Surge Level - 10 yr
- Topographic Contours - 1 m
- Road



Notes
1. Horizontal Datum / Projection: NAD83(CSRS) Epoch 2010.0 / UTM Zone 15N.
Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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2026-10-06
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Date October 5, 2026
PERMIT NUMBER: P 1117
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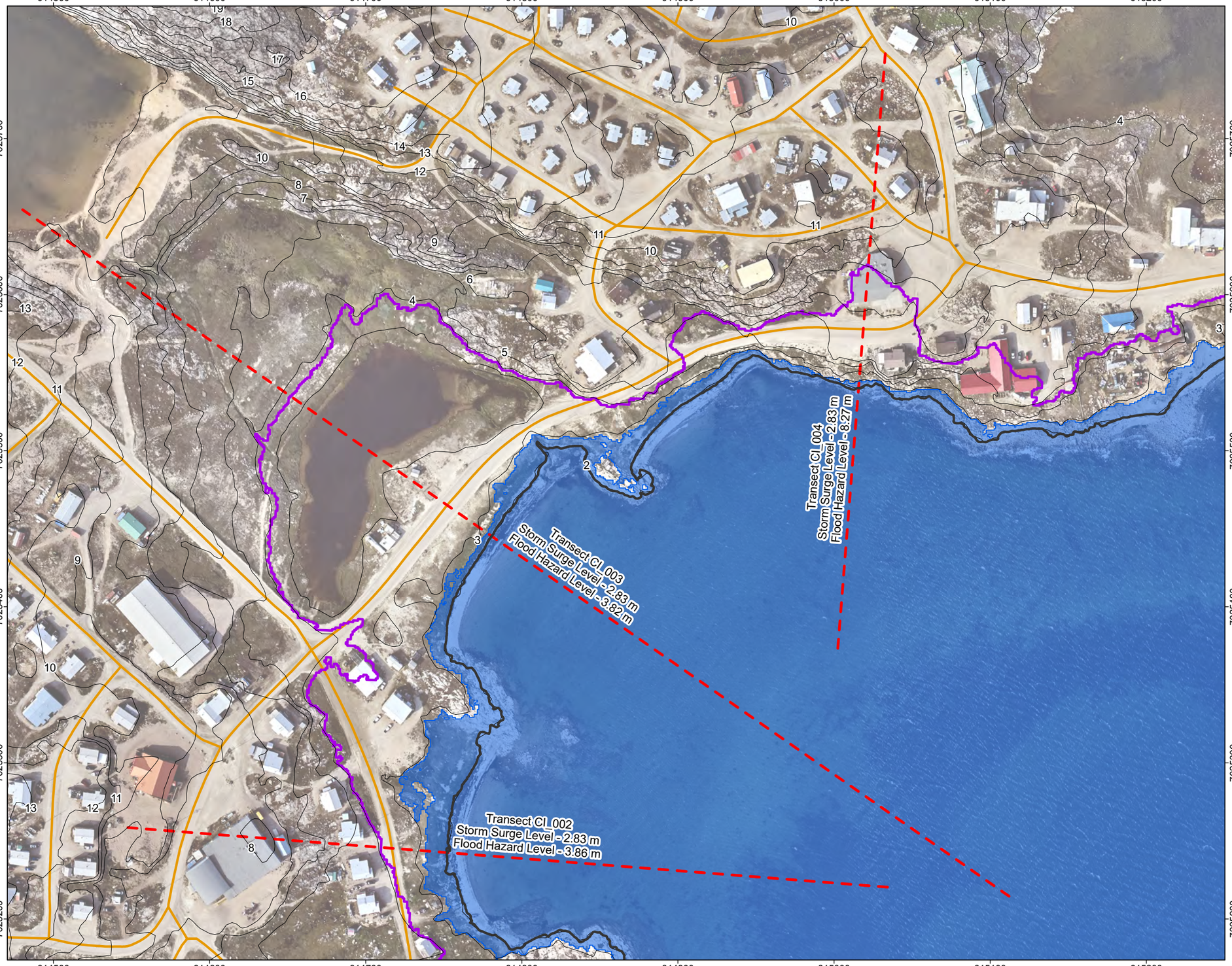
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Canada

Nunavut

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Figure No.

CI01-10yr

Title

Chesterfield Inlet - 10yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

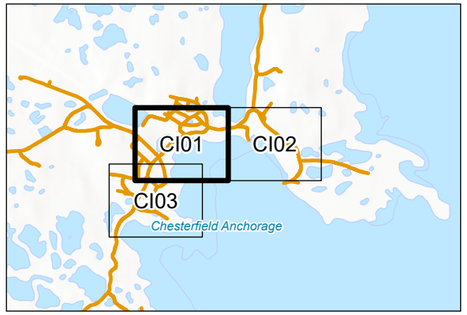
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IR by NKIMIAGHALAM on 20260910

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(At original document size of 11x17)
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- Modelling Transect
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- Flood Hazard Level - 10 yr
- Storm Surge Level - 10 yr
- Topographic Contours - 1 m
- Road



Notes
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Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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615300 615400 615500 615600 615700 615800 615900 616000

7025700 7025600 7025500 7025400 7025300 7025200

Transect CI_005
Storm Surge Level - 2.83 m
Flood Hazard Level - 4.39 m

Transect CI_006
Storm Surge Level - 2.83 m
Flood Hazard Level - 5.98 m

Transect CI_007
Storm Surge Level - 2.83 m
Flood Hazard Level - 3.7 m

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Figure No.

CI02-10yr

Title

Chesterfield Inlet - 10yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

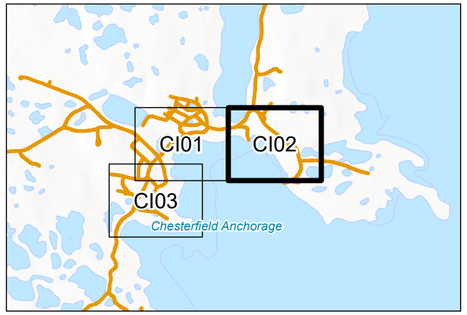
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- Topographic Contours - 1 m
- Road



Notes

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Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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STANTEC LIMITED

Figure No.

CI03-10yr

Title

Chesterfield Inlet - 10yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

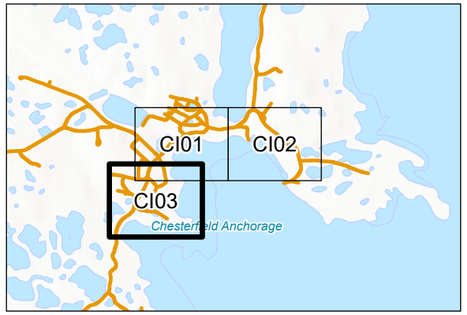
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- Topographic Contours - 1 m
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Notes

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Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
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2026-10-06
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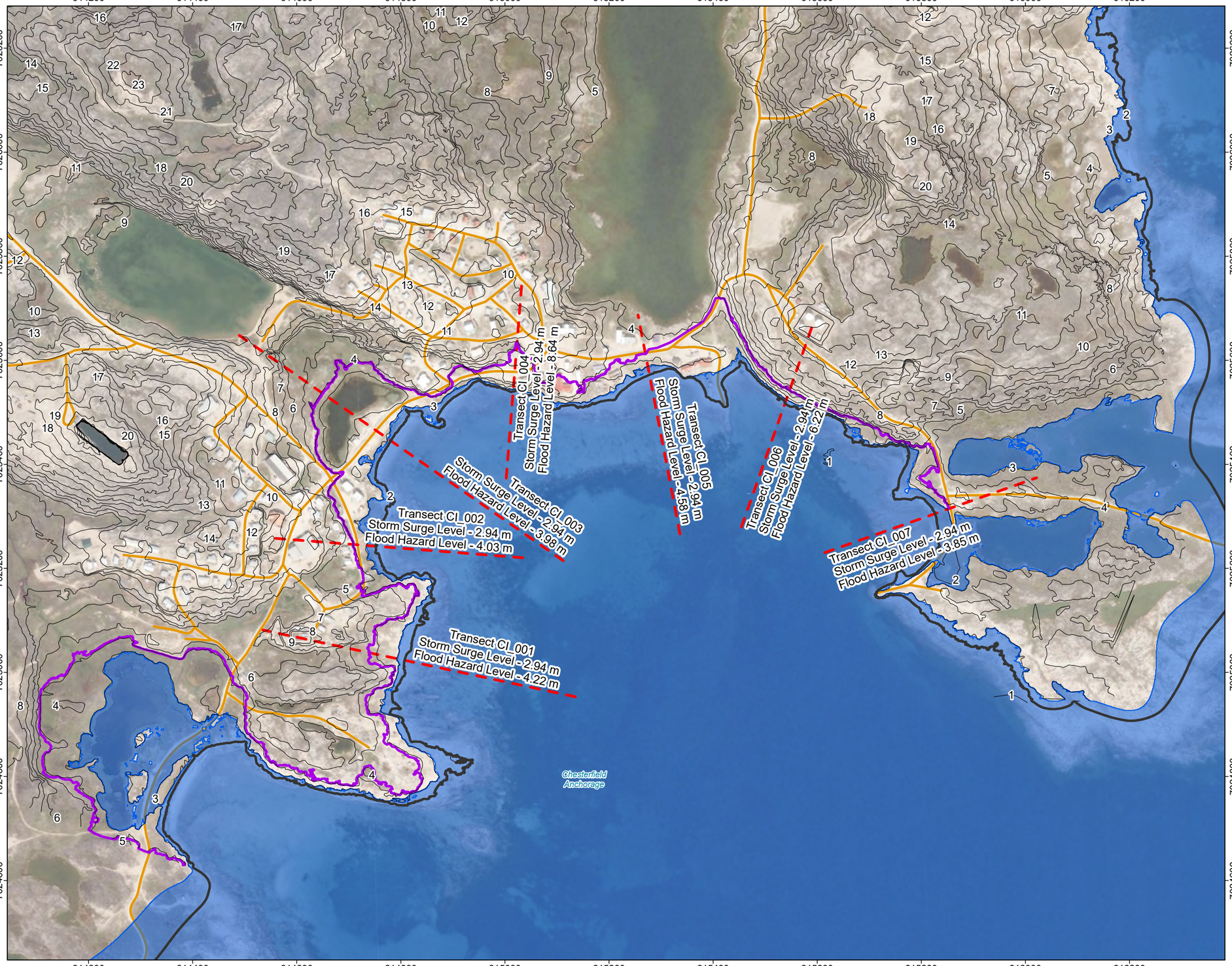
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Canada

Nunavut

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Figure No.

CI00-20yr

Title

Chesterfield Inlet - 20yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

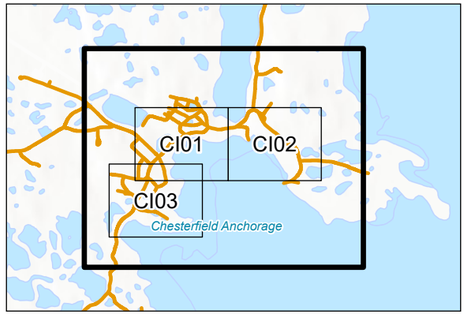
Project Location
Chesterfield Inlet, Nunavut

Prepared by MAINSLEY on 20260910
TR by HDASHTPEYMA on 20260910
IR by NKIMIAGHALAM on 20260910

N

0 100 200 Metres
(At original document size of 11x17)
1:7,500

- Modelling Transect
- HHWLT (1.97 m)
- Flood Hazard Level - 20 yr
- Storm Surge Level - 20 yr
- Topographic Contours - 1 m
- Road



Notes
1. Horizontal Datum / Projection: NAD83(CSRS) Epoch 2010.0 / UTM Zone 15N.
Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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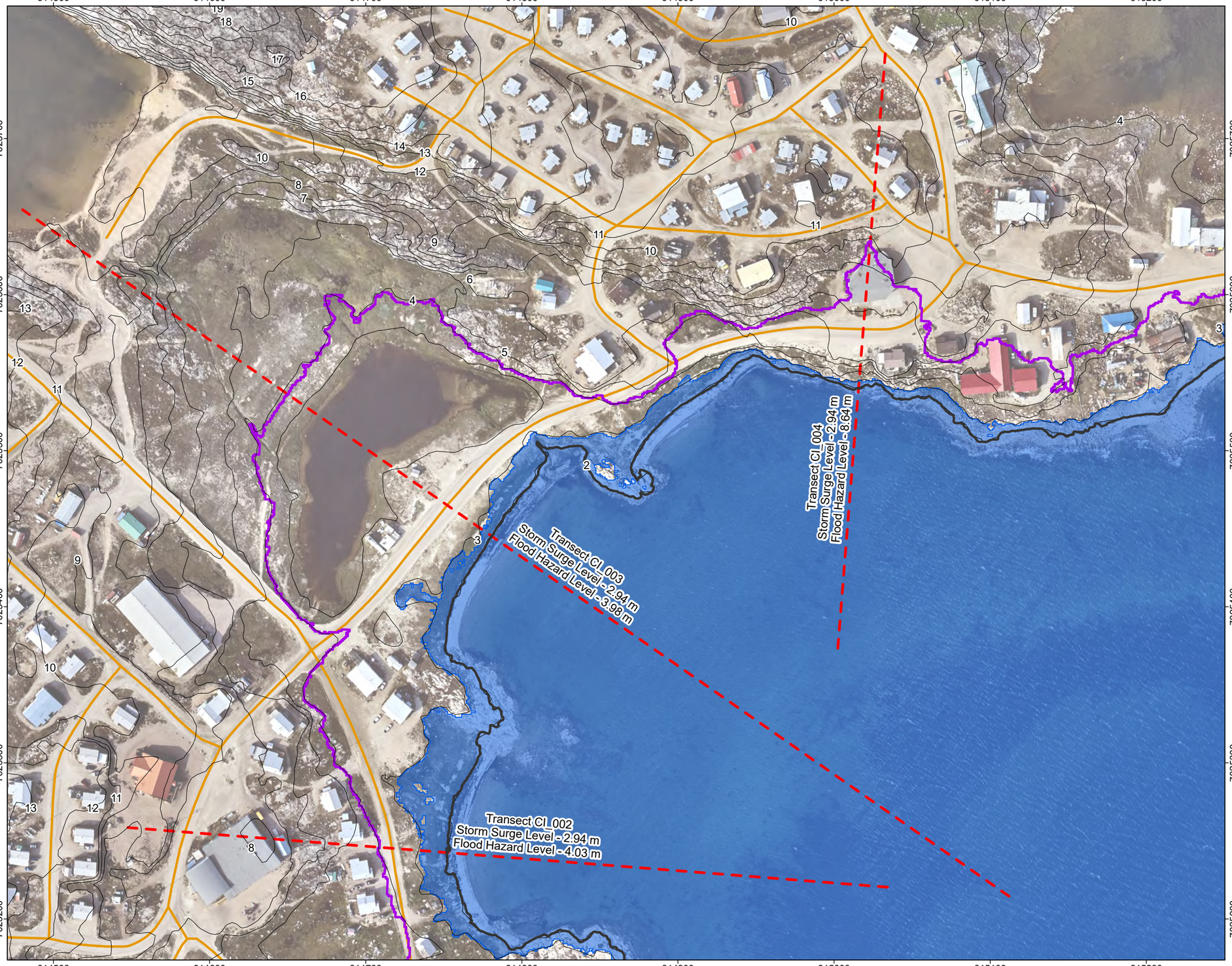
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Canada

Nunavut

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Figure No.

CI01-20yr

Title

Chesterfield Inlet - 20yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

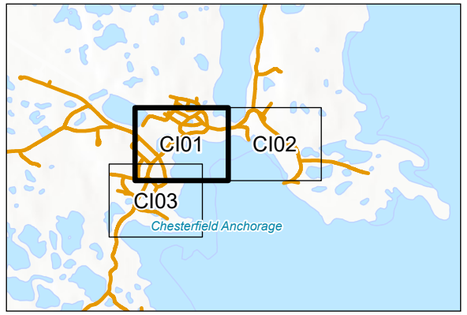
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- Modelling Transect
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- Flood Hazard Level - 20 yr
- Storm Surge Level - 20 yr
- Topographic Contours - 1 m
- Road



Notes
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2026-10-06
NT/NU

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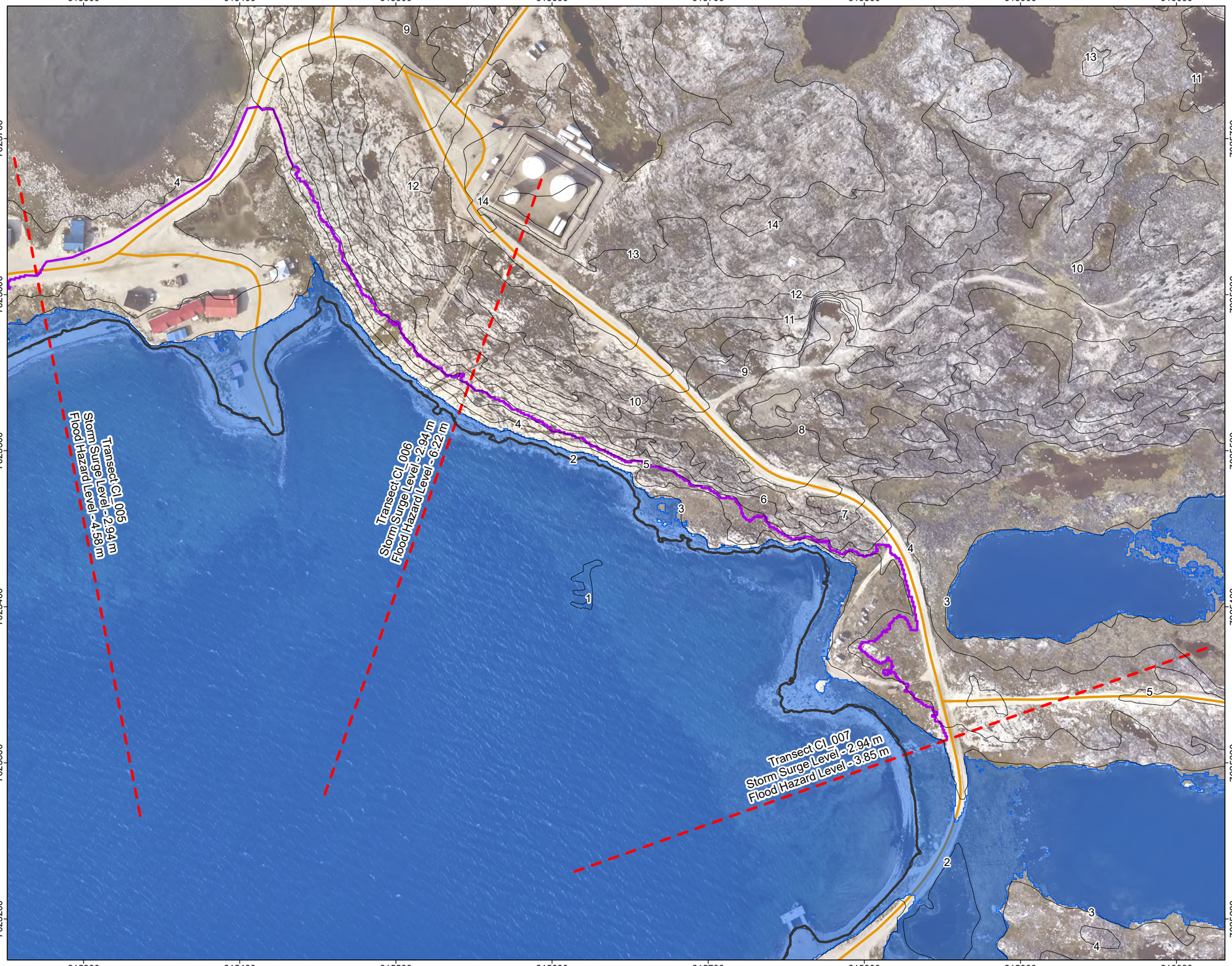
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Canada

Nunavut

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Figure No.

CI02-20yr

Title

Chesterfield Inlet - 20yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

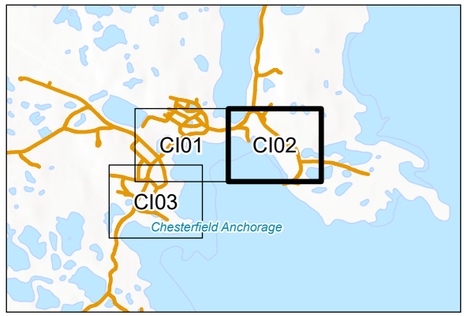
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- Storm Surge Level - 20 yr
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- Road



Notes

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REGISTERED PROFESSIONAL ENGINEER
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STANTEC LIMITED

Figure No.

CI03-20yr

Title

Chesterfield Inlet - 20yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

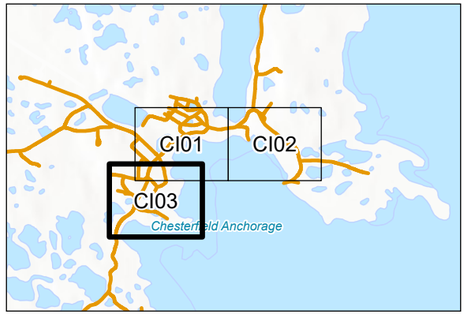
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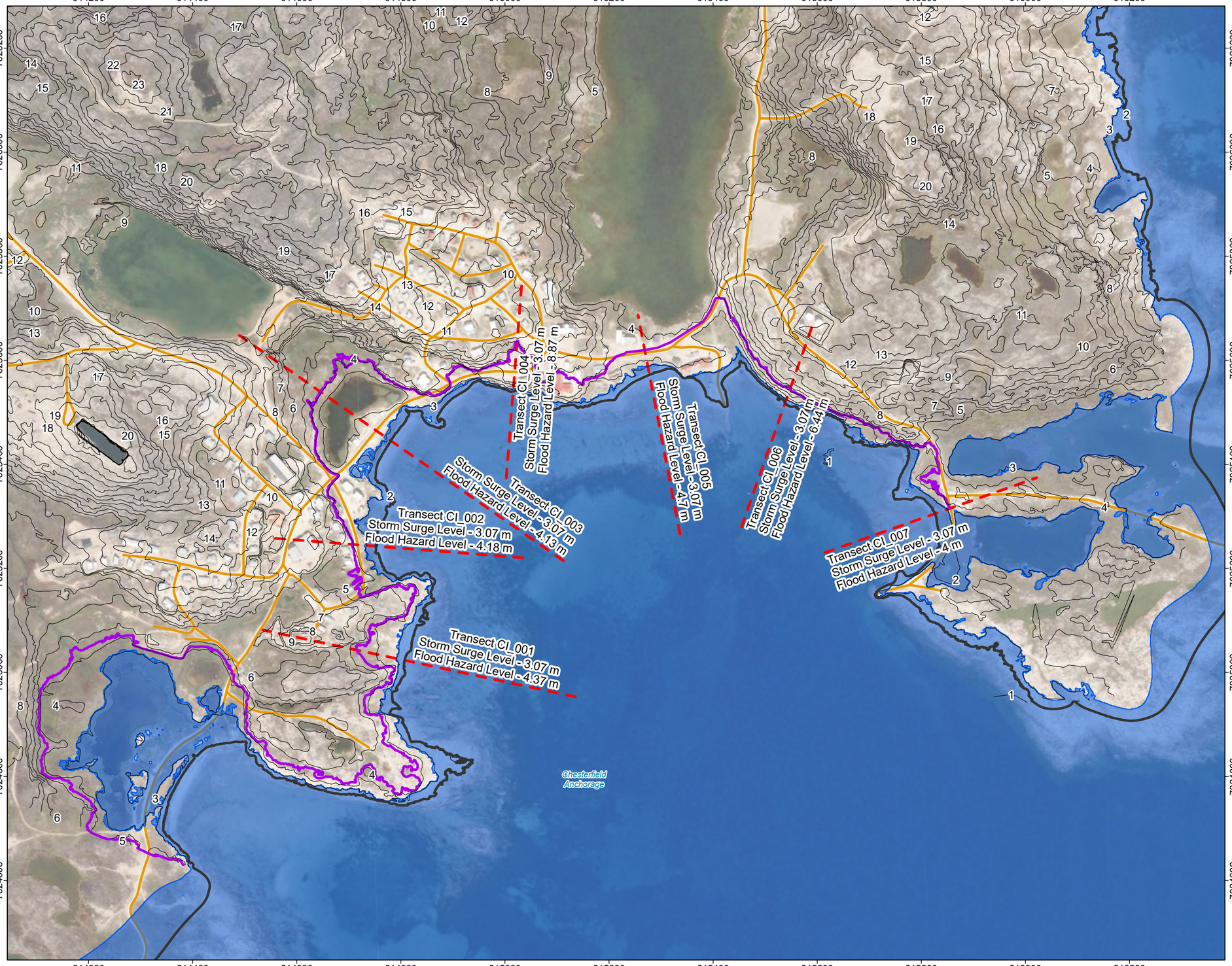
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Figure No.

CI00-50yr

Title

Chesterfield Inlet - 50yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

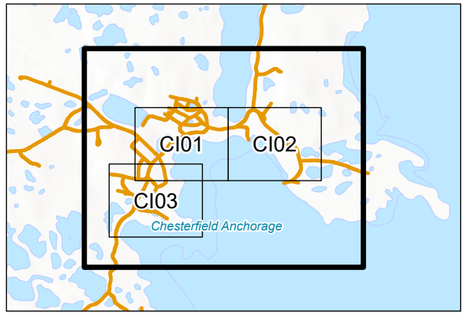
Project Location
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- Storm Surge Level - 50 yr
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- Road



Notes
1. Horizontal Datum / Projection: NAD83(CSRS) Epoch 2010.0 / UTM Zone 15N.
Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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2026-10-06
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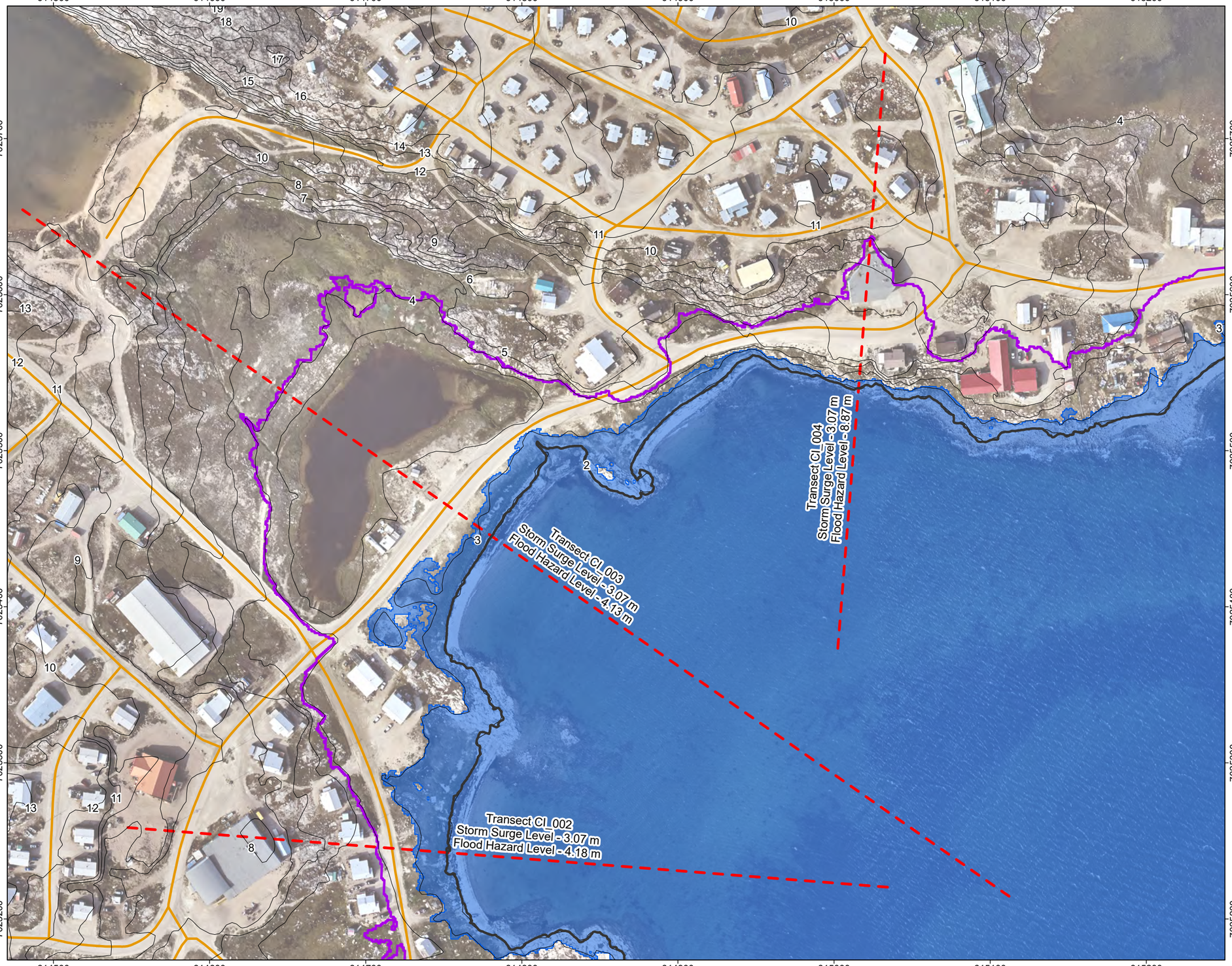
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Figure No.

CI01-50yr

Title

Chesterfield Inlet - 50yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

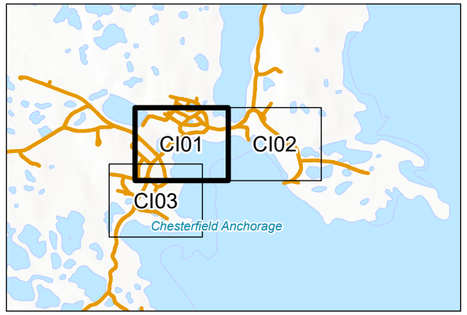
Prepared by MAINSLEY on 20260910
TR by HDASHTPEYMA on 20260910
IR by NKIMIAGHALAM on 20260910

N

0 50 100 Metres

(At original document size of 11x17)
1:2,500

- Modelling Transect
- HHWLT (1.97 m)
- Flood Hazard Level - 50 yr
- Storm Surge Level - 50 yr
- Topographic Contours - 1 m
- Road



Notes
1. Horizontal Datum / Projection: NAD83(CSRS) Epoch 2010.0 / UTM Zone 15N.
Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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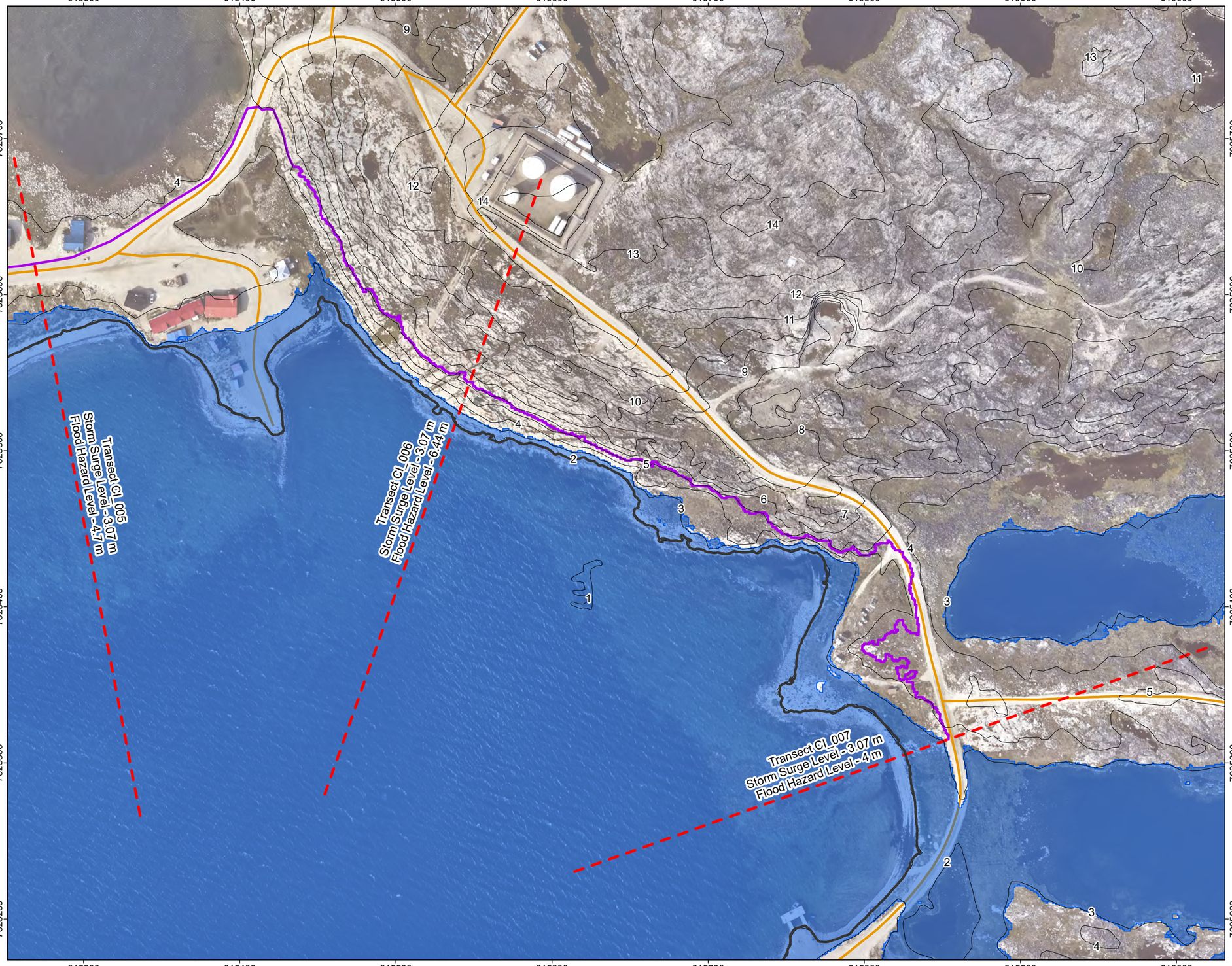
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Canada

Nunavut

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Figure No.

CI02-50yr

Title

Chesterfield Inlet - 50yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

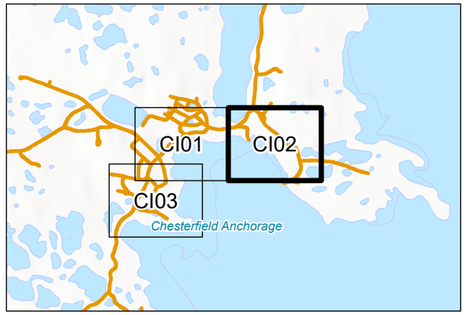
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IR by NKIMIAGHALAM on 20260910

N

0 50 100 Metres

(At original document size of 11x17)
1:2,500

- Modelling Transect
- HHWLT (1.97 m)
- Flood Hazard Level - 50 yr
- Storm Surge Level - 50 yr
- Topographic Contours - 1 m
- Road



Notes
1. Horizontal Datum / Projection: NAD83(CSRS) Epoch 2010.0 / UTM Zone 15N.
Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

REGISTERED PROFESSIONAL ENGINEER
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Canada

Nunavut

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Figure No.

CI03-50yr

Title

Chesterfield Inlet - 50yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

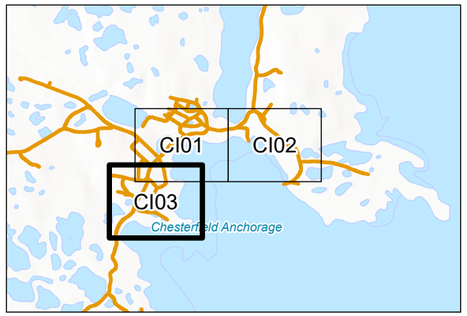
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- Modelling Transect
- HHWLT (1.97 m)
- Flood Hazard Level - 50 yr
- Storm Surge Level - 50 yr
- Topographic Contours - 1 m
- Road



Notes

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Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
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4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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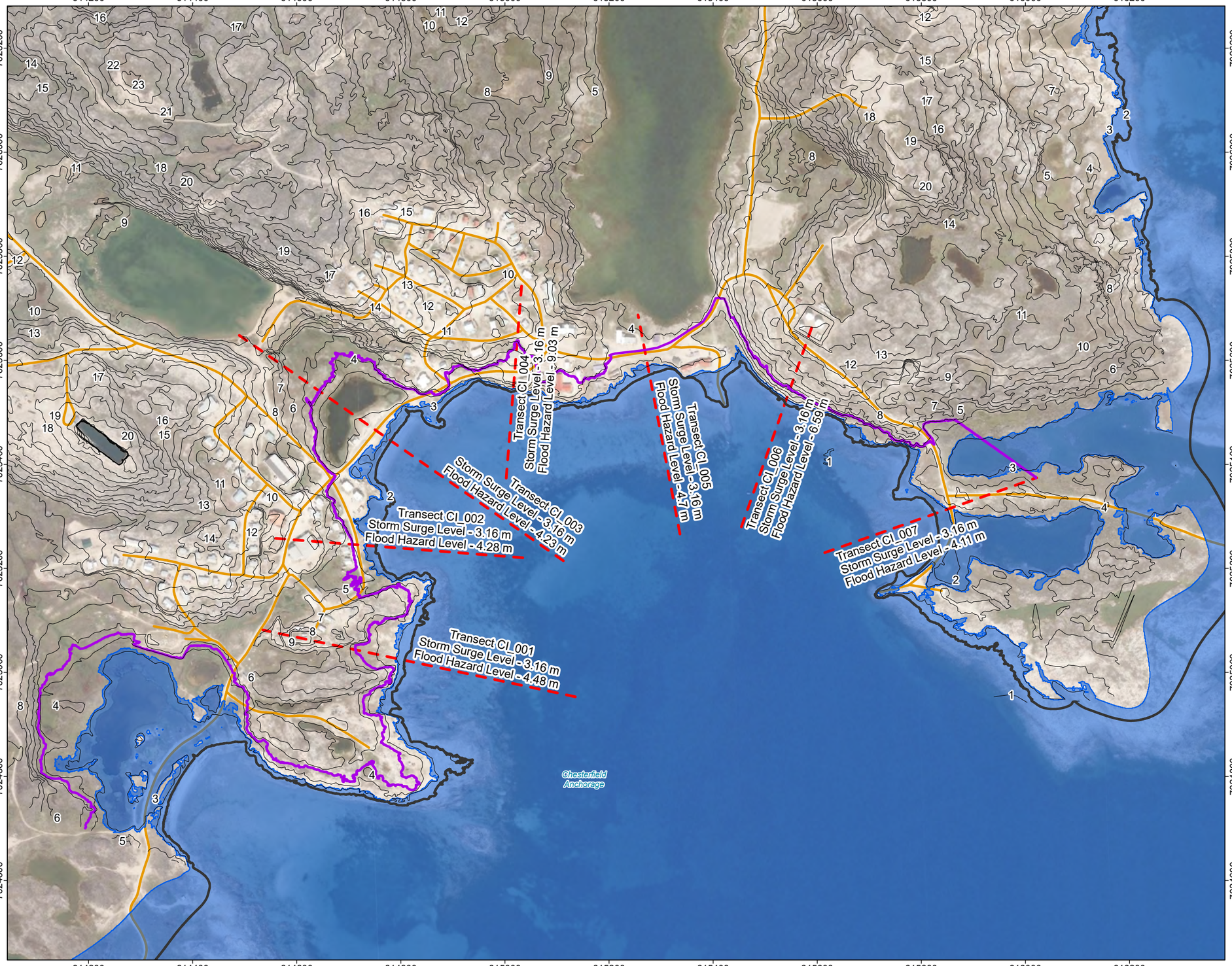
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Canada

Nunavut

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Figure No.

CI00-100yr

Title

Chesterfield Inlet - 100yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

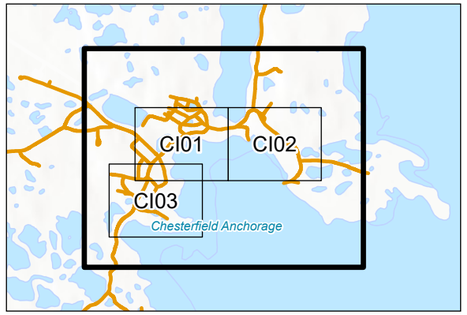
Project Location
Chesterfield Inlet, Nunavut

Prepared by MAINSLEY on 20260910
TR by HDASHTPEYMA on 20260910
IR by NKIMIAGHALAM on 20260910

N

0 100 200 Metres
(At original document size of 11x17)
1:7,500

- Modelling Transect
- HHWLT (1.97 m)
- Flood Hazard Level - 100 yr
- Storm Surge Level - 100 yr
- Topographic Contours - 1 m
- Road



Notes
1. Horizontal Datum / Projection: NAD83(CSRS) Epoch 2010.0 / UTM Zone 15N.
Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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2026-10-06
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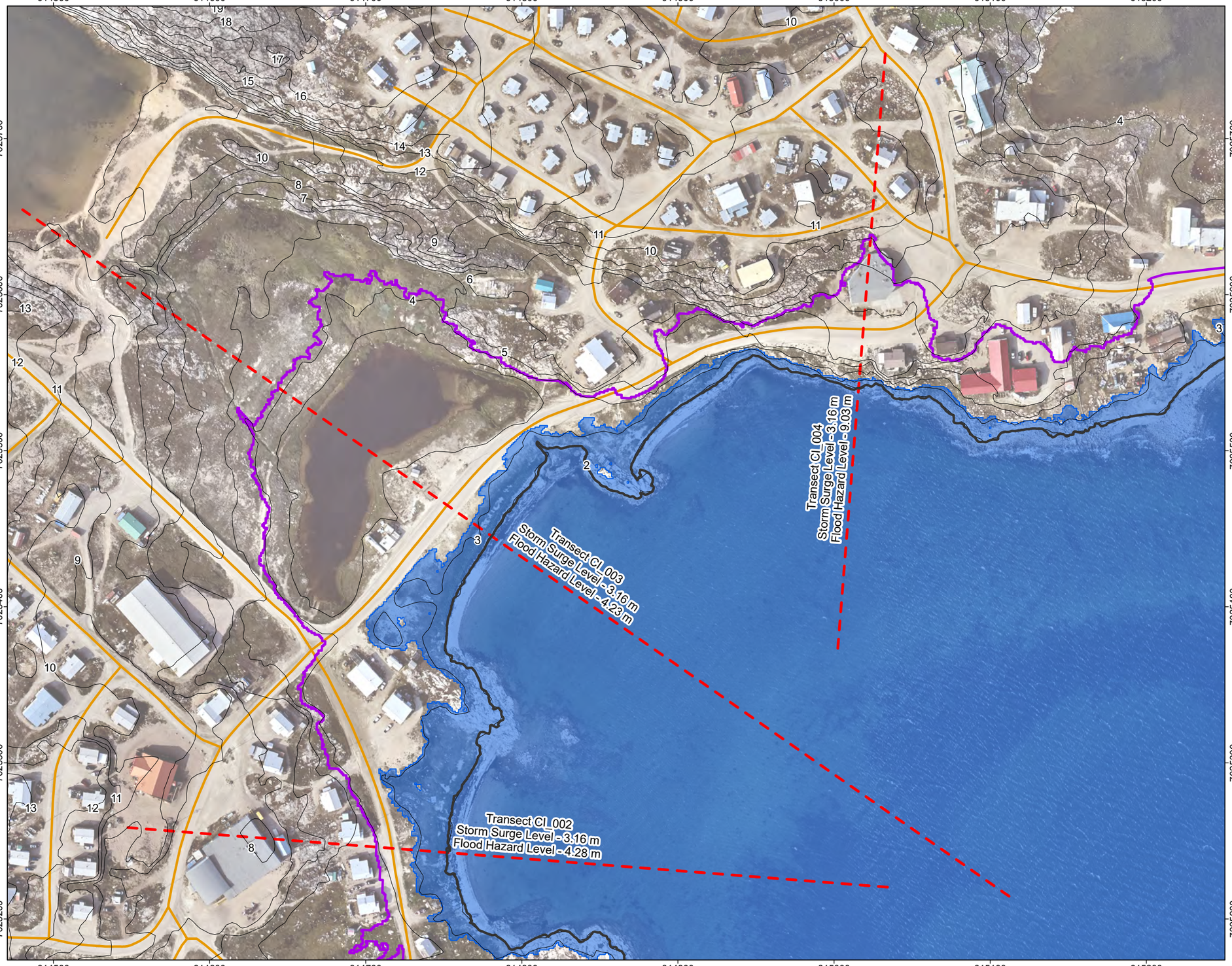
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Canada

Nunavut

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Figure No.

CI01-100yr

Title

Chesterfield Inlet - 100yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

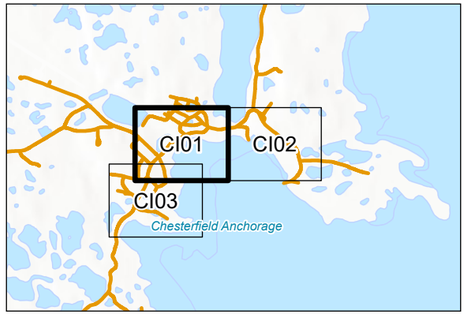
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N

0 50 100 Metres

(At original document size of 11x17)
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- Modelling Transect
- HHWLT (1.97 m)
- Flood Hazard Level - 100 yr
- Storm Surge Level - 100 yr
- Topographic Contours - 1 m
- Road



Notes
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3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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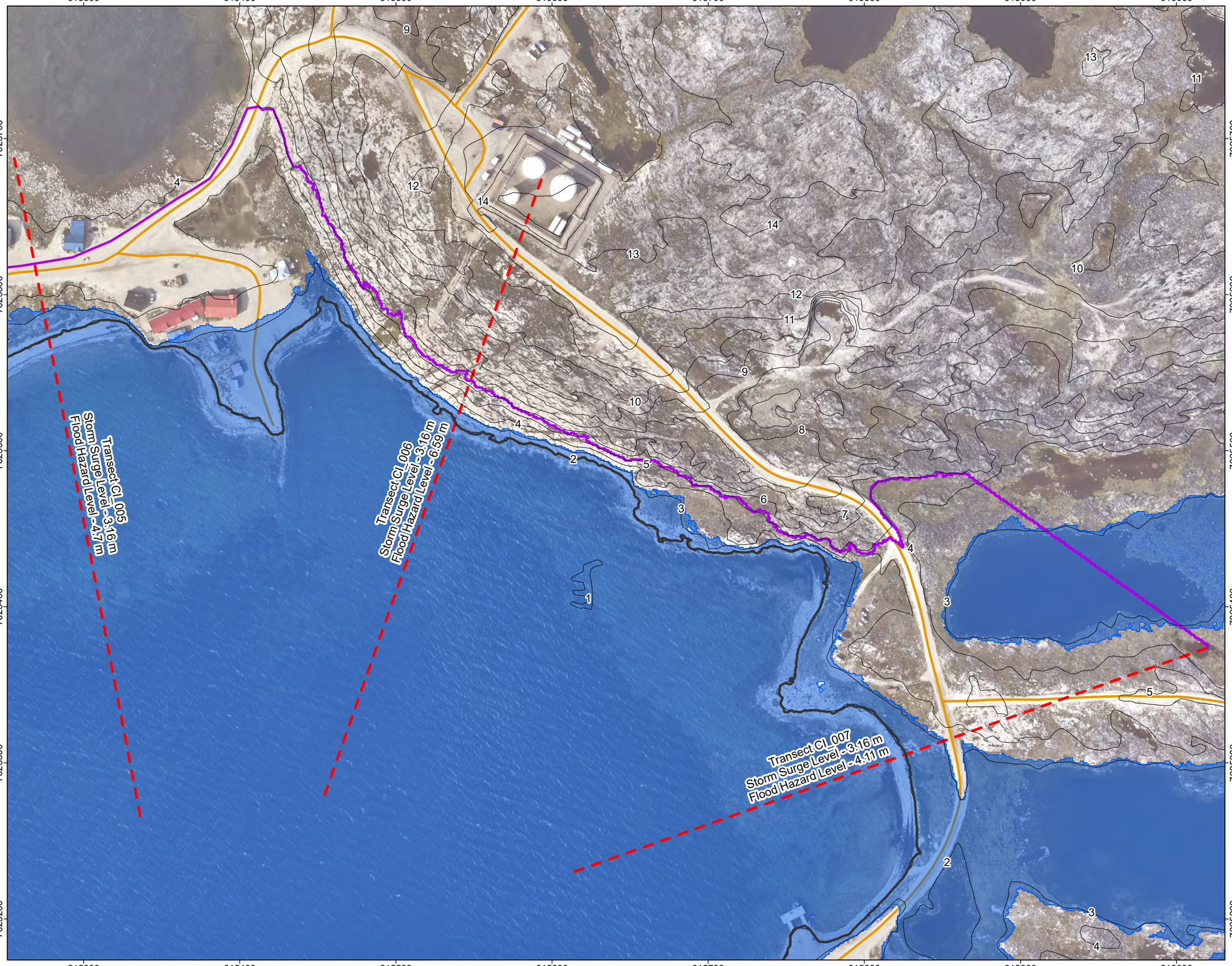
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Figure No.

CI02-100yr

Title

Chesterfield Inlet - 100yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

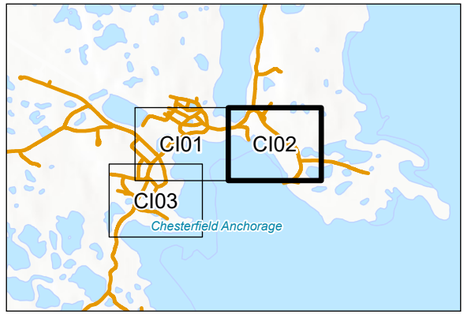
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0 50 100 Metres

(At original document size of 11x17)
1:2,500

- Modelling Transect
- HHWLT (1.97 m)
- Flood Hazard Level - 100 yr
- Storm Surge Level - 100 yr
- Topographic Contours - 1 m
- Road



Notes
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Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
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4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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STANTEC LIMITED

Figure No.

CI03-100yr

Title

Chesterfield Inlet - 100yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
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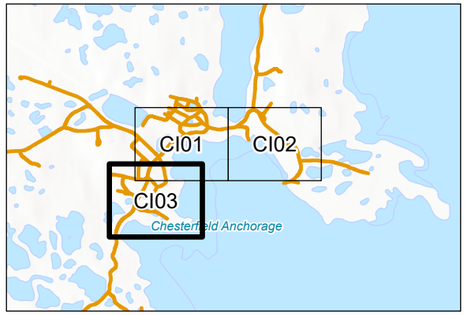
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Notes

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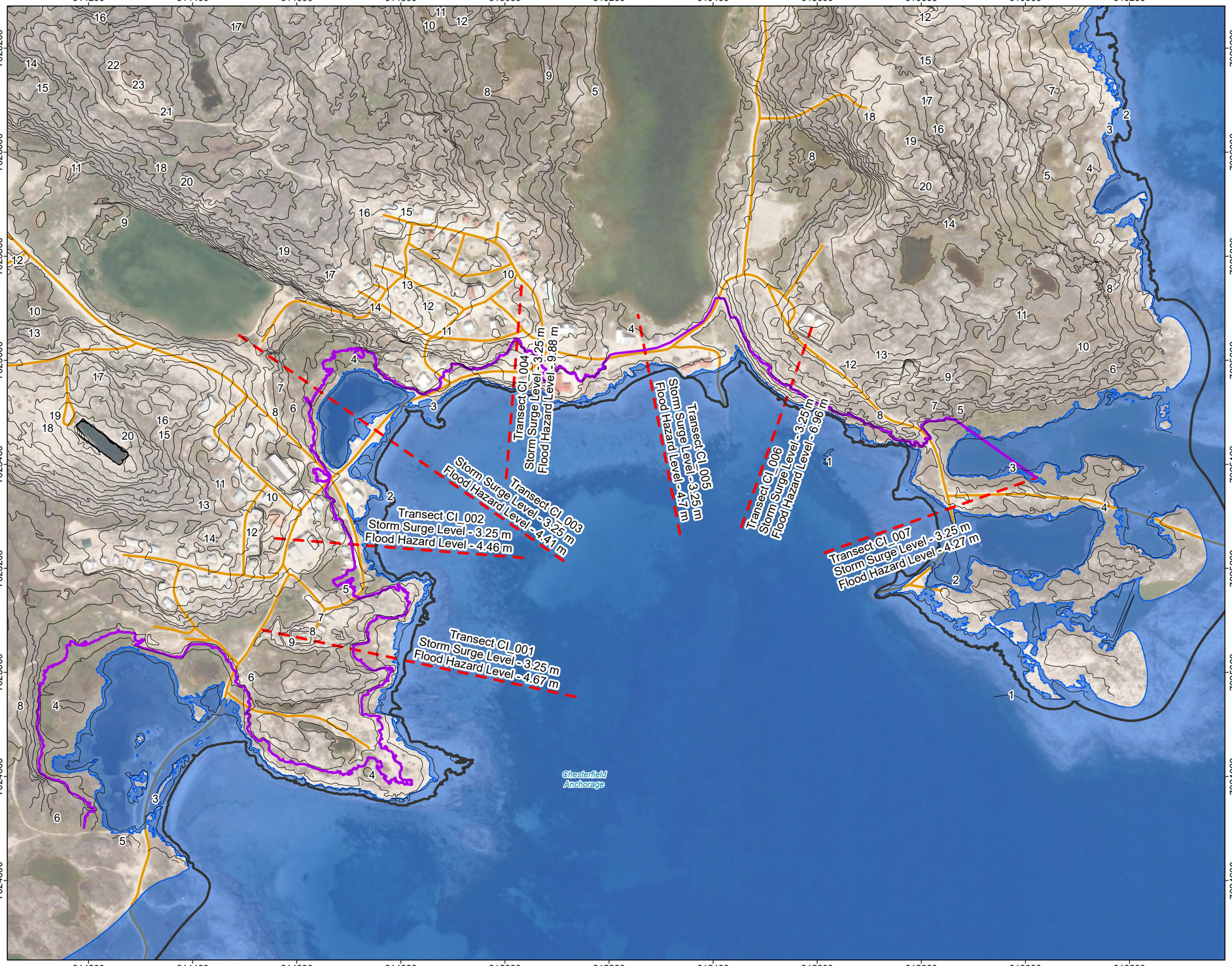
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Figure No.

CI00-200yr

Title

Chesterfield Inlet - 200yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

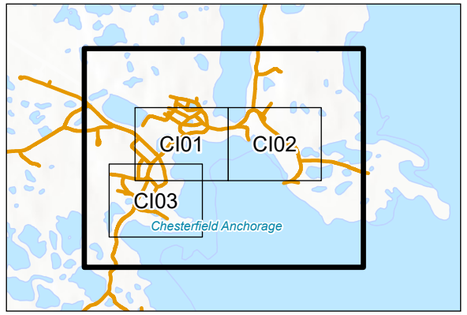
Project Location
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- Flood Hazard Level - 200 yr
- Storm Surge Level - 200 yr
- Topographic Contours - 1 m
- Road



Notes
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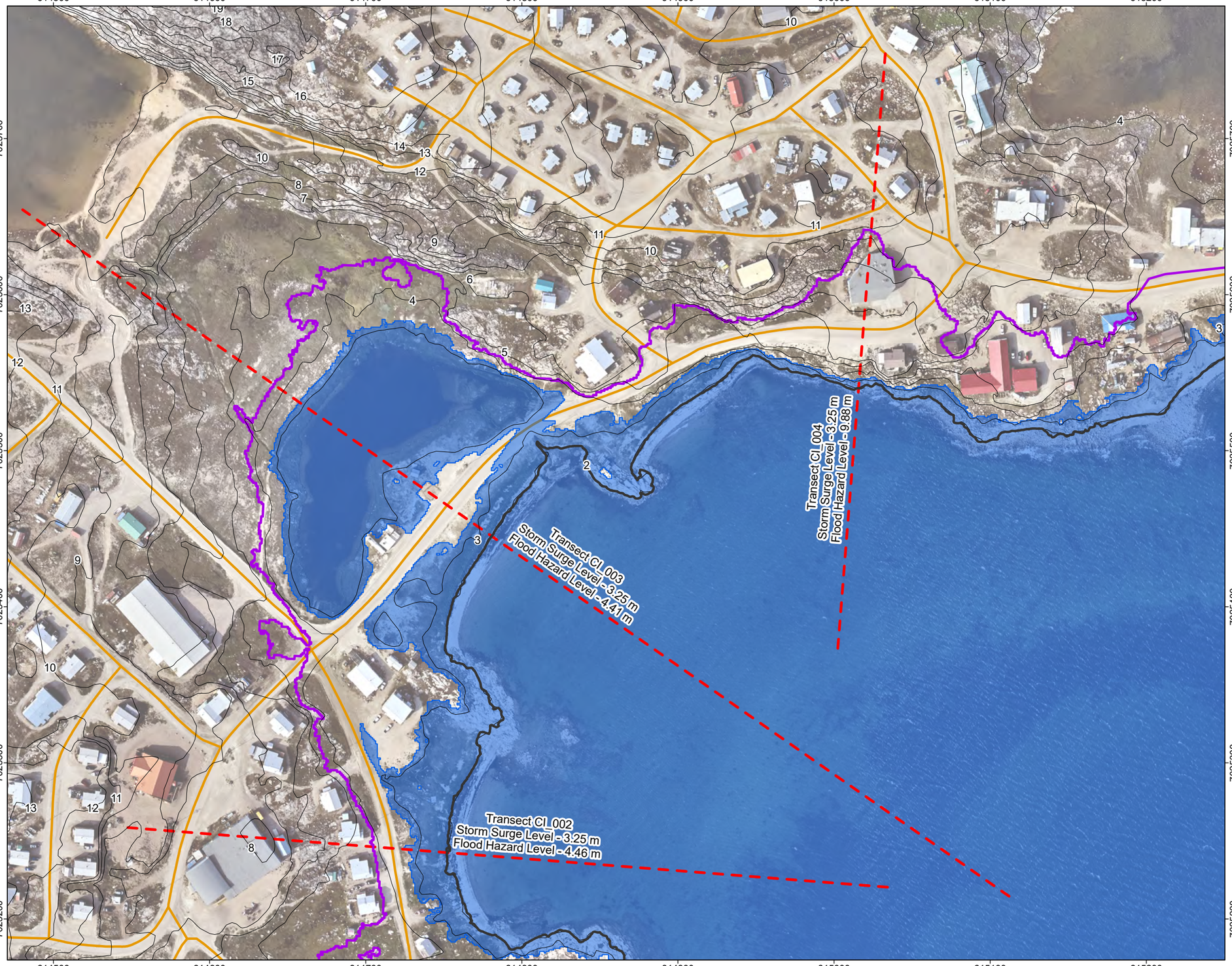
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Canada

Nunavut

\\XZCAC1-VPAGF01\Shared Projects\160911609518681605_report_deliv\drawings_design\gis_map\20260713_Coastal_Flood_Hazard_Maps Revised: 2026-09-10 By: mainsley

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Figure No.

CI01-200yr

Title

Chesterfield Inlet - 200yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

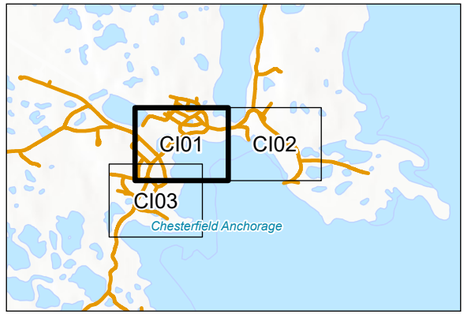
Prepared by MAINSLEY on 20260910
TR by HDASHTPEYMA on 20260910
IR by NKIMIAGHALAM on 20260910

N

0 50 100 Metres

(At original document size of 11x17)
1:2,500

- Modelling Transect
- HHWLT (1.97 m)
- Flood Hazard Level - 200 yr
- Storm Surge Level - 200 yr
- Topographic Contours - 1 m
- Road



Notes
1. Horizontal Datum / Projection: NAD83(CSRS) Epoch 2010.0 / UTM Zone 15N.
Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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Signature
Date October 5, 2026
PERMIT NUMBER: P 1117
NT/NU Association of Professional Engineers and Geoscientists

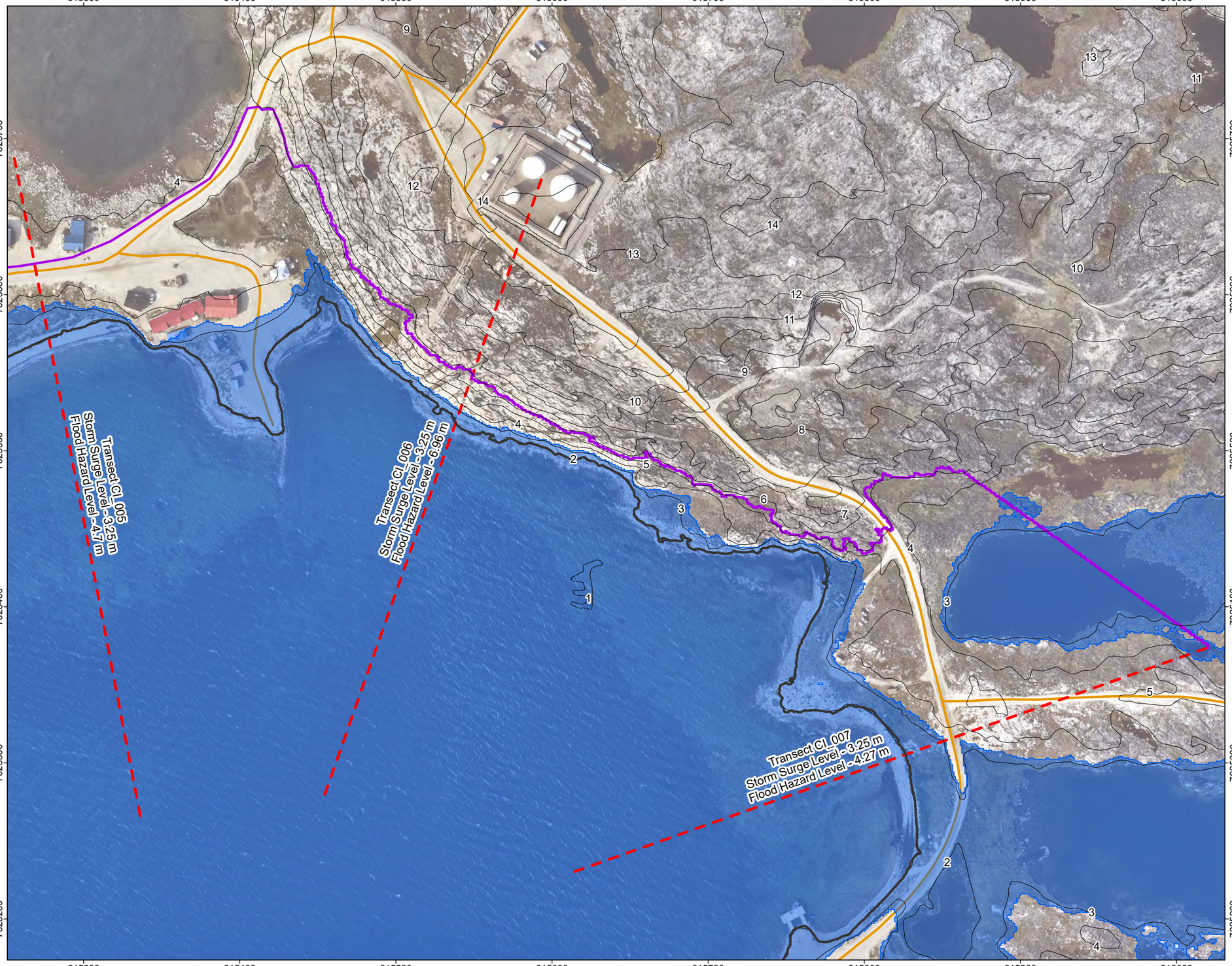
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Figure No.

CI02-200yr

Title

Chesterfield Inlet - 200yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

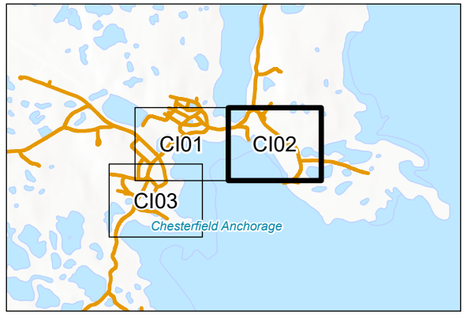
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0 50 100 Metres

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- Modelling Transect
- HHWLT (1.97 m)
- Flood Hazard Level - 200 yr
- Storm Surge Level - 200 yr
- Topographic Contours - 1 m
- Road



Notes

1. Horizontal Datum / Projection: NAD83(CSRS) Epoch 2010.0 / UTM Zone 15N.
Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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Figure No.

CI03-200yr

Title

Chesterfield Inlet - 200yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

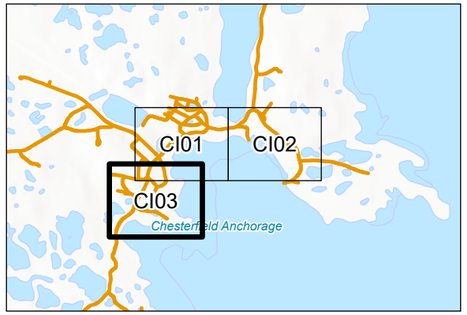
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N

0 50 100 Metres

(At original document size of 11x17)
1:2,500

- Modelling Transect
- HHWLT (1.97 m)
- Flood Hazard Level - 200 yr
- Storm Surge Level - 200 yr
- Topographic Contours - 1 m
- Road



Notes

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Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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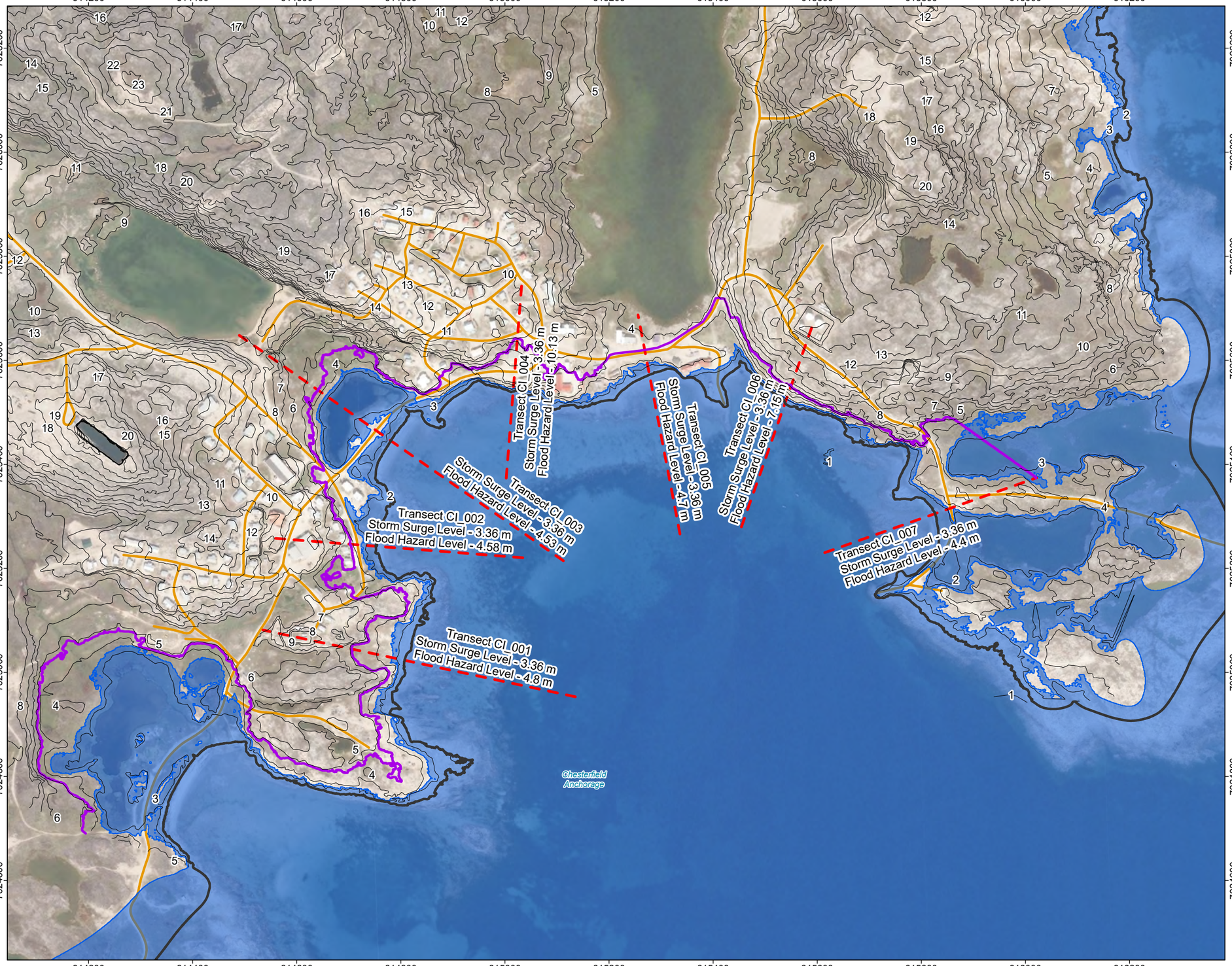
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Figure No.

CI00-500yr

Title

Chesterfield Inlet - 500yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

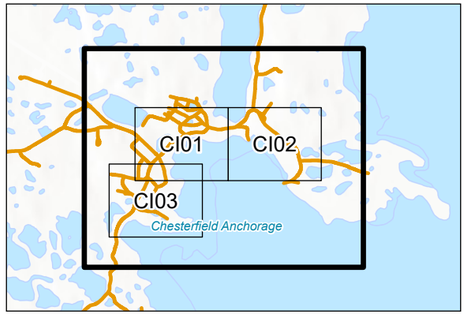
Project Location
Chesterfield Inlet, Nunavut

Prepared by MAINSLEY on 20260910
TR by HDASHTPEYMA on 20260910
IR by NKIMIAGHALAM on 20260910

N

0 100 200 Metres
(At original document size of 11x17)
1:7,500

- Modelling Transect
- HHWLT (1.97 m)
- Flood Hazard Level - 500 yr
- Storm Surge Level - 500 yr
- Topographic Contours - 1 m
- Road



Notes
1. Horizontal Datum / Projection: NAD83(CSRS) Epoch 2010.0 / UTM Zone 15N.
Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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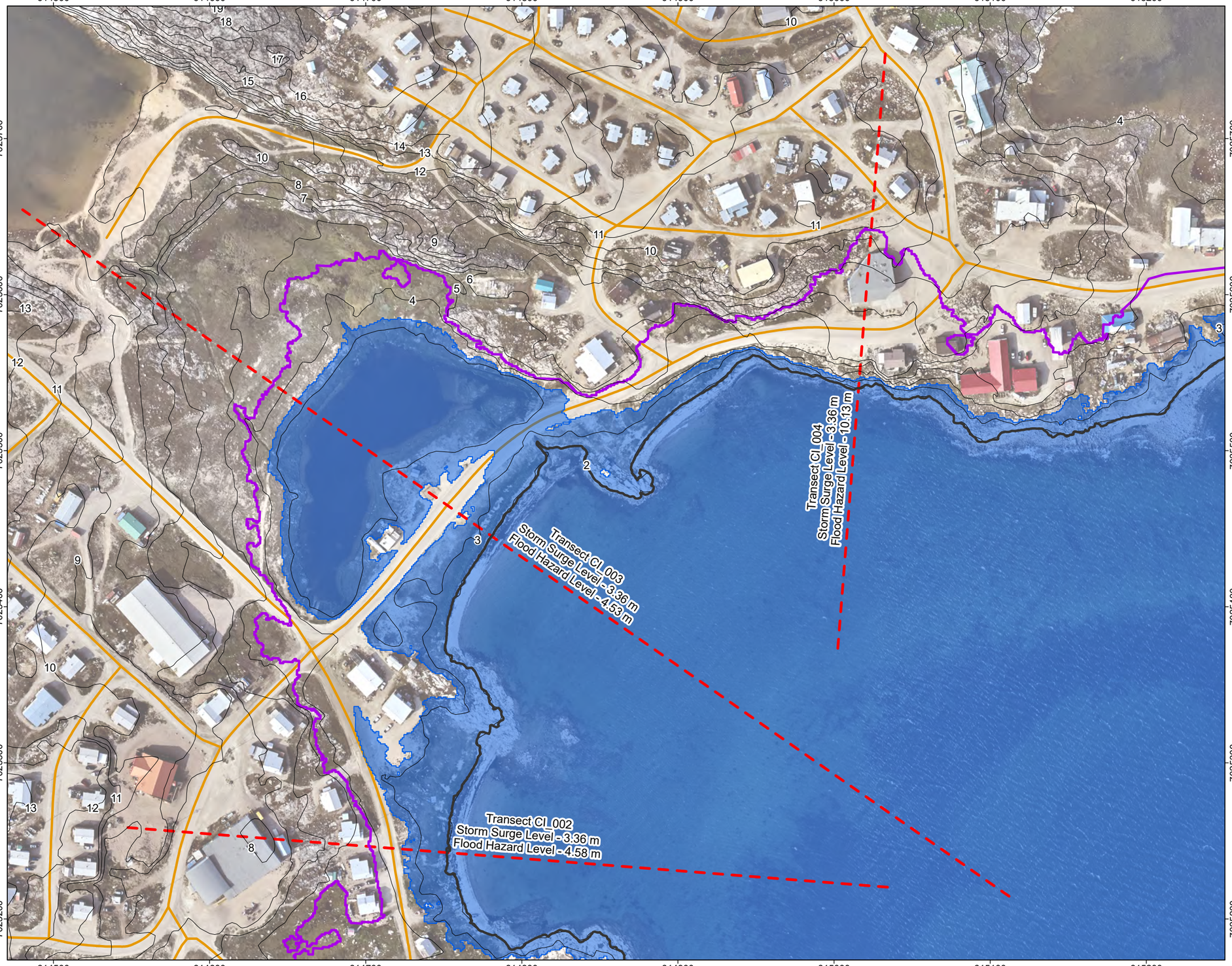
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Figure No.

CI01-500yr

Title

Chesterfield Inlet - 500yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
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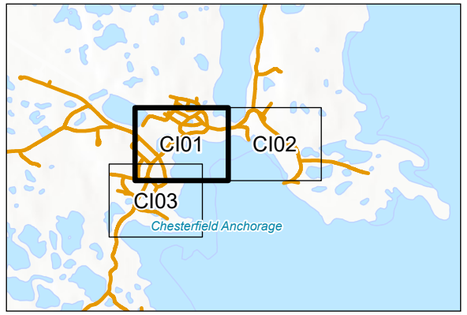
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N

0 50 100 Metres

(At original document size of 11x17)
1:2,500

- Modelling Transect
- HHWLT (1.97 m)
- Flood Hazard Level - 500 yr
- Storm Surge Level - 500 yr
- Topographic Contours - 1 m
- Road



Notes
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Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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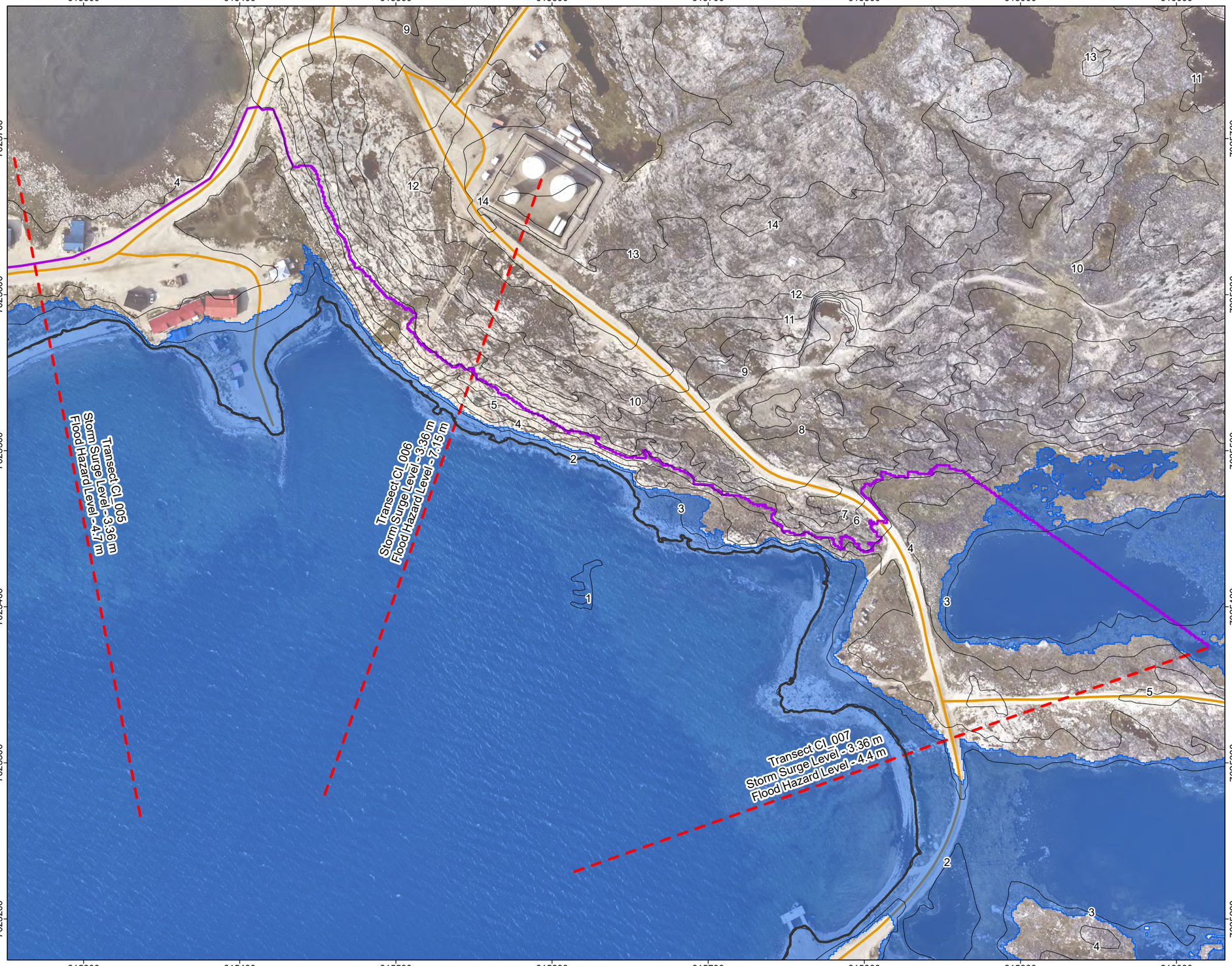
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Figure No.

CI02-500yr

Title

Chesterfield Inlet - 500yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
Chesterfield Inlet, Nunavut

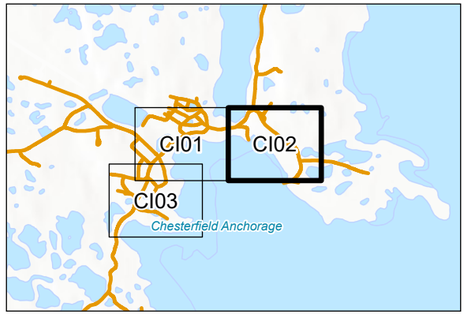
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N

0 50 100 Metres

(At original document size of 11x17)
1:2,500

- Modelling Transect
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- Storm Surge Level - 500 yr
- Topographic Contours - 1 m
- Road



Notes
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3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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2026-10-05
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STANTEC LIMITED

Figure No.

CI03-500yr

Title

Chesterfield Inlet - 500yr

Client/Project
Government of Nunavut
Regional Coastal Flood Mapping for four (4) Nunavut Communities

Project Number: 160951868

Project Location
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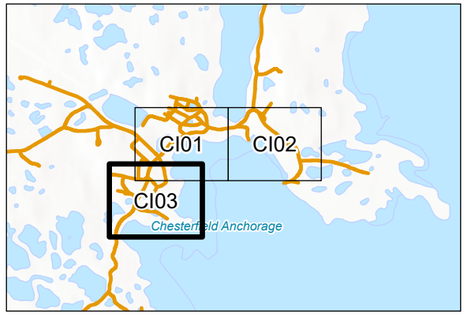
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