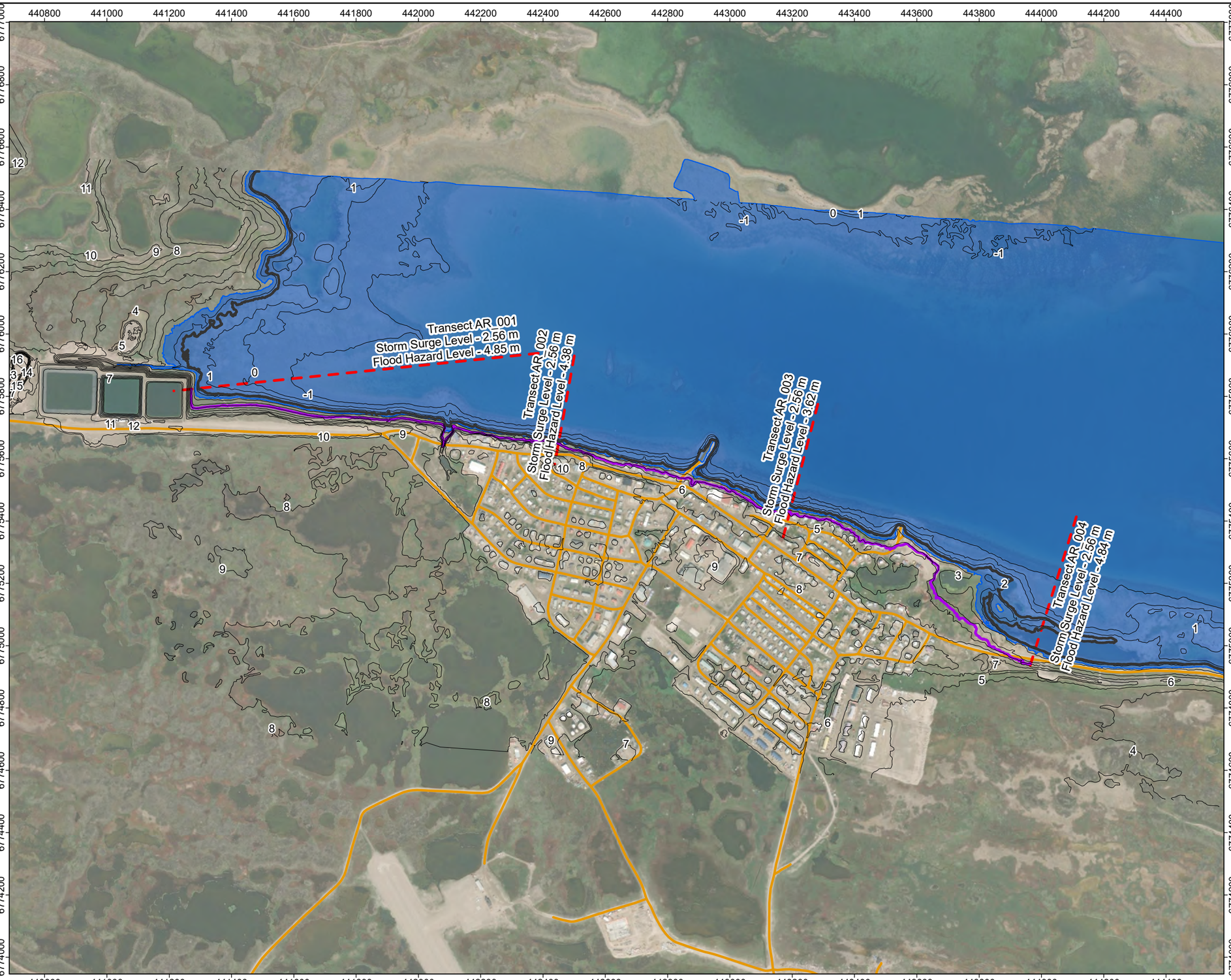


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Figure No.

AR00-10yr

Title

Arviat - 10yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

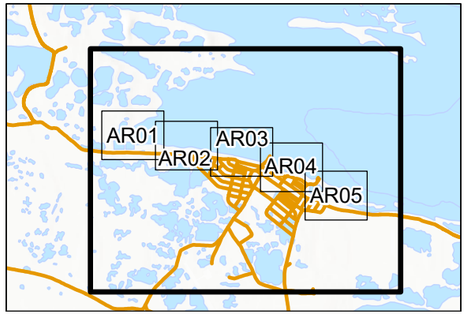
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TR by HDASHTPEYMA on 20260910
IR by NKIMIAGHALAM on 20260910

N

0 200 400 Metres

(At original document size of 11x17)
1:12,500

- Modelling Transect
- HHWLT (1.67 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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Date October 5, 2026
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NT/NU Association of Professional Engineers and Geoscientists

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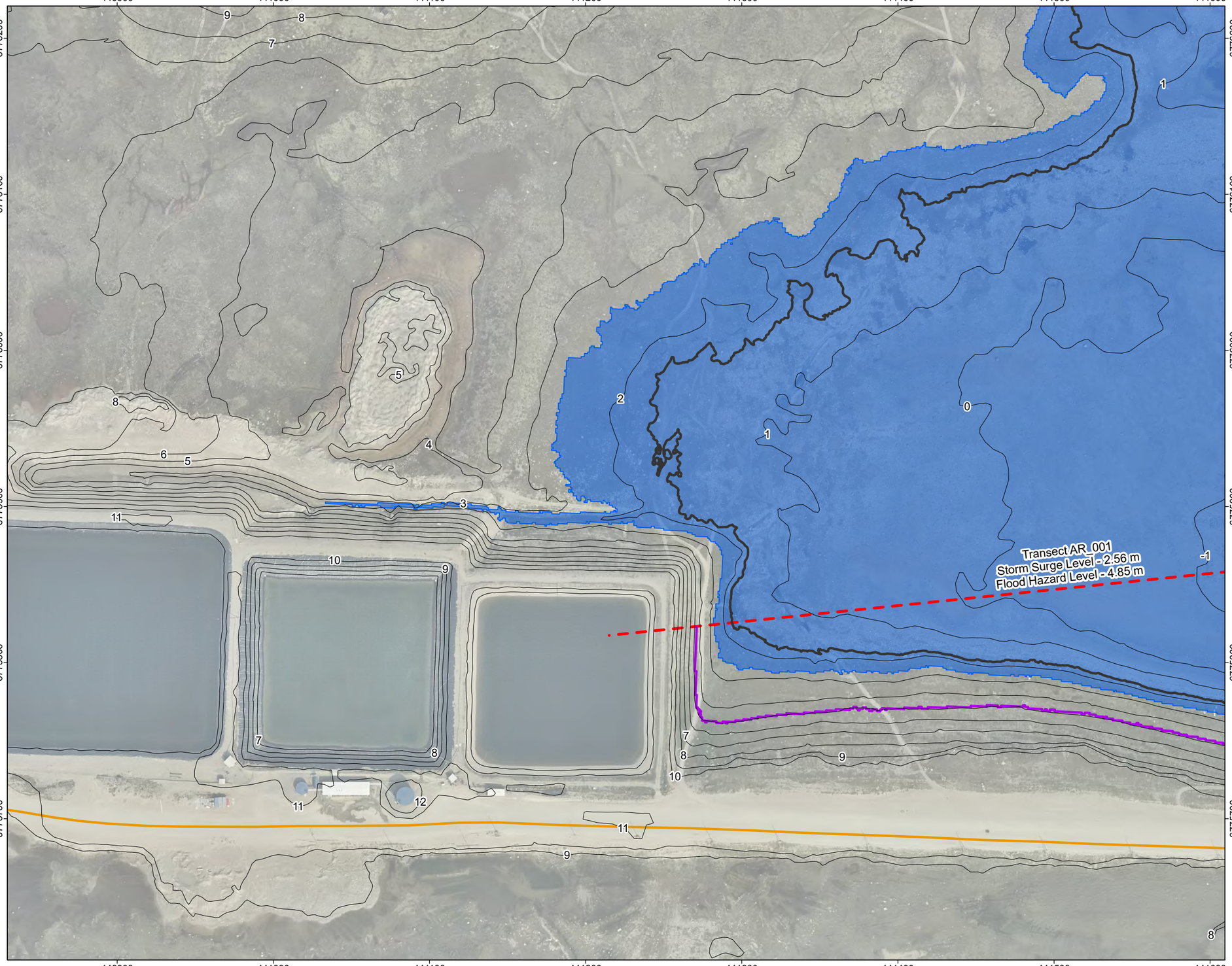
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Nunavut

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STANTEC LIMITED

Figure No.

AR01-10yr

Title

Arviat - 10yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

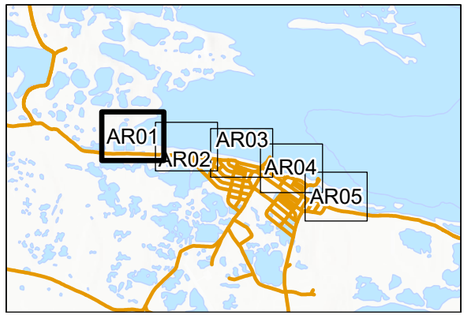
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IR by NKIMIAGHALAM on 20260910

N

0 50 100 Metres

(At original document size of 11x17)
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- Modelling Transect
- HHWLT (1.67 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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Date October 5, 2026
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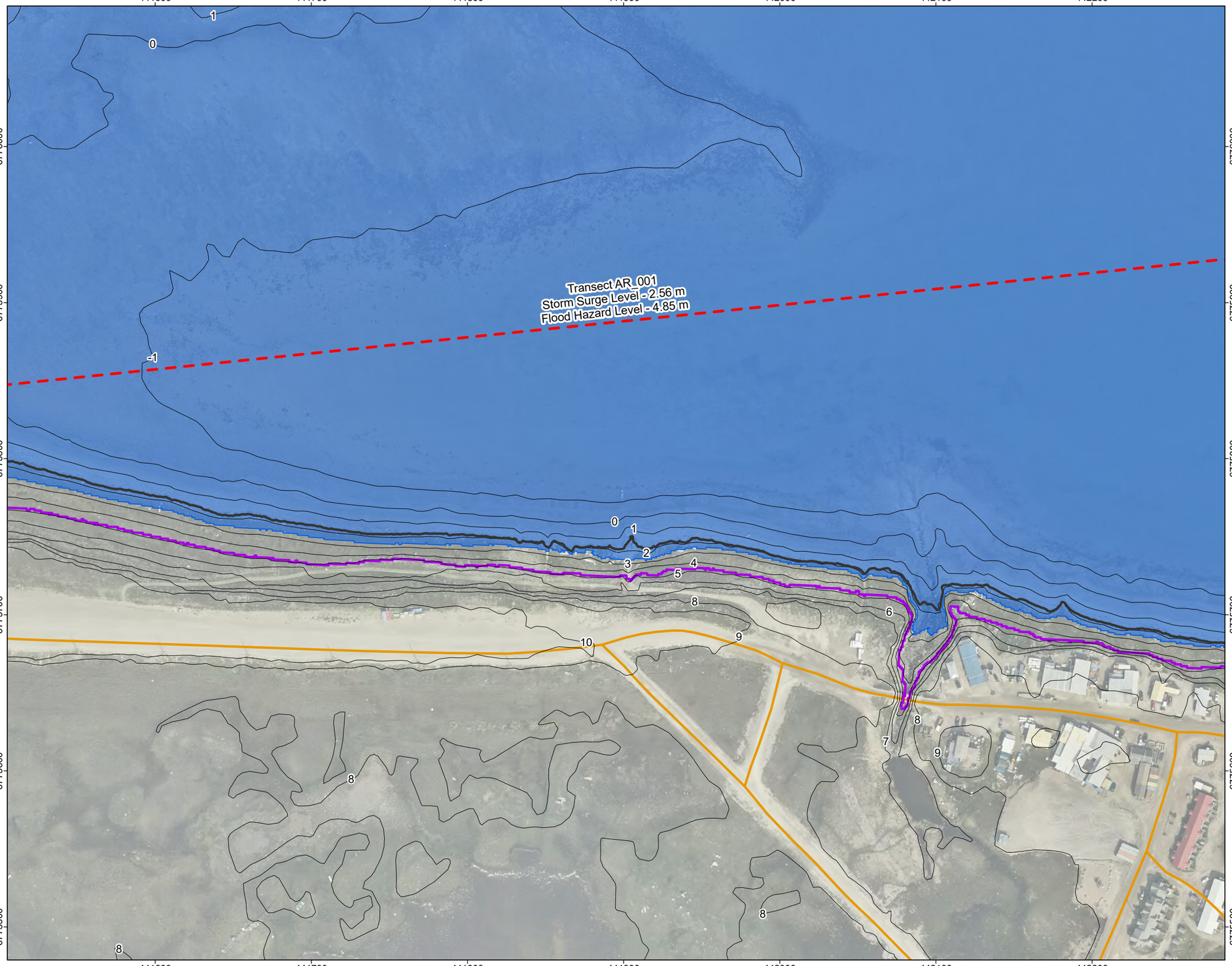
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Canada

Nunavut

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Figure No.

AR02-10yr

Title

Arviat - 10yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

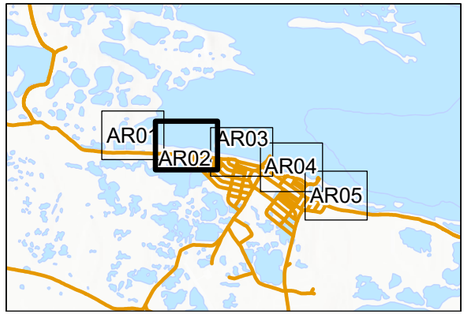
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N

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

- Modelling Transect
- HHWLT (1.67 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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Nunavut

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STANTEC LIMITED

Figure No.

AR03-10yr

Title

Arviat - 10yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

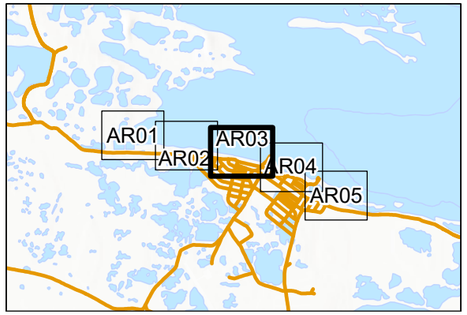
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N

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

- Modelling Transect
- HHWLT (1.67 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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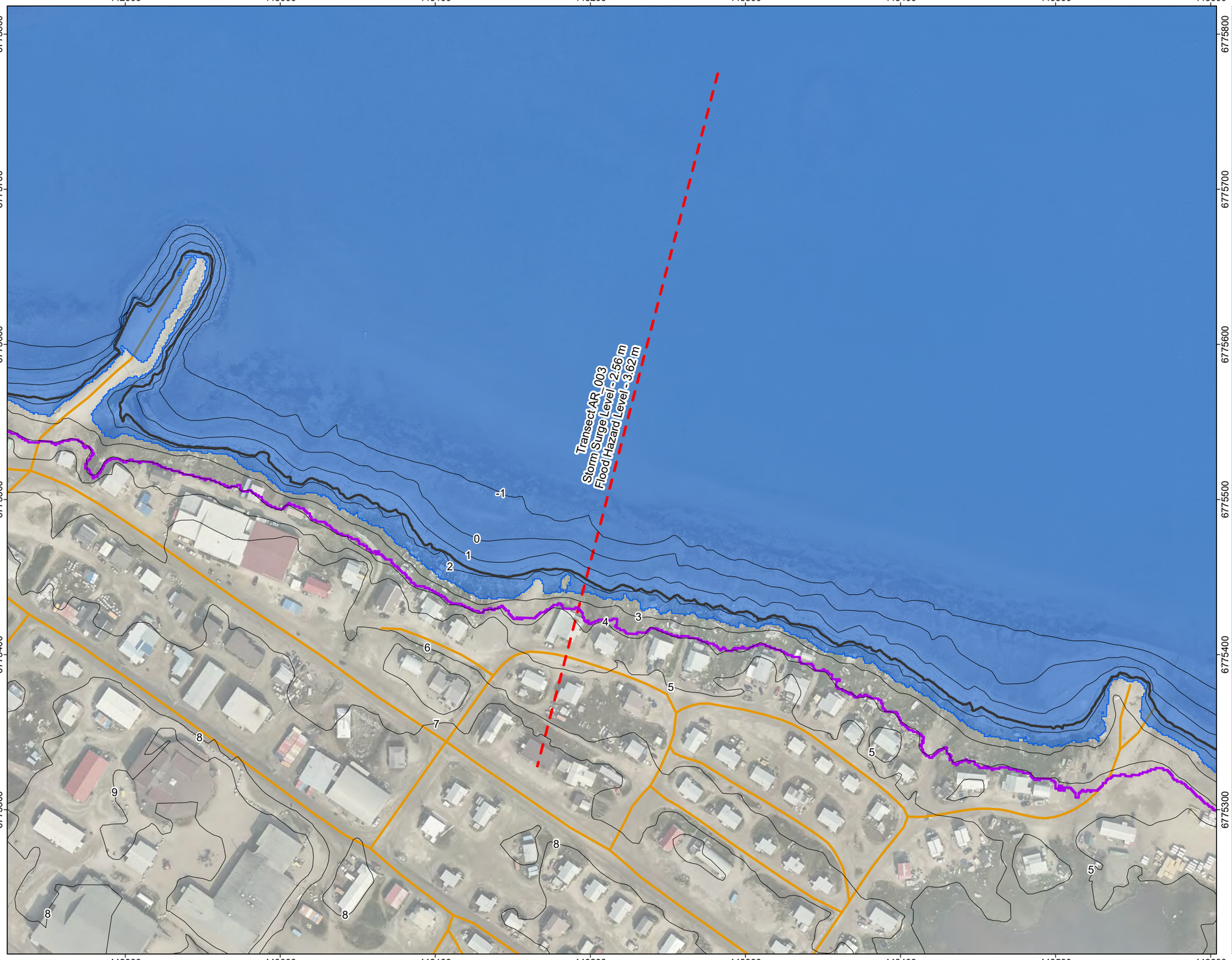
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STANTEC LIMITED

Figure No.

AR04-10yr

Title

Arviat - 10yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

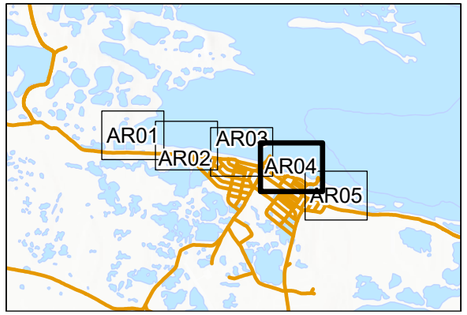
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N

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

- Modelling Transect
- HHWLT (1.67 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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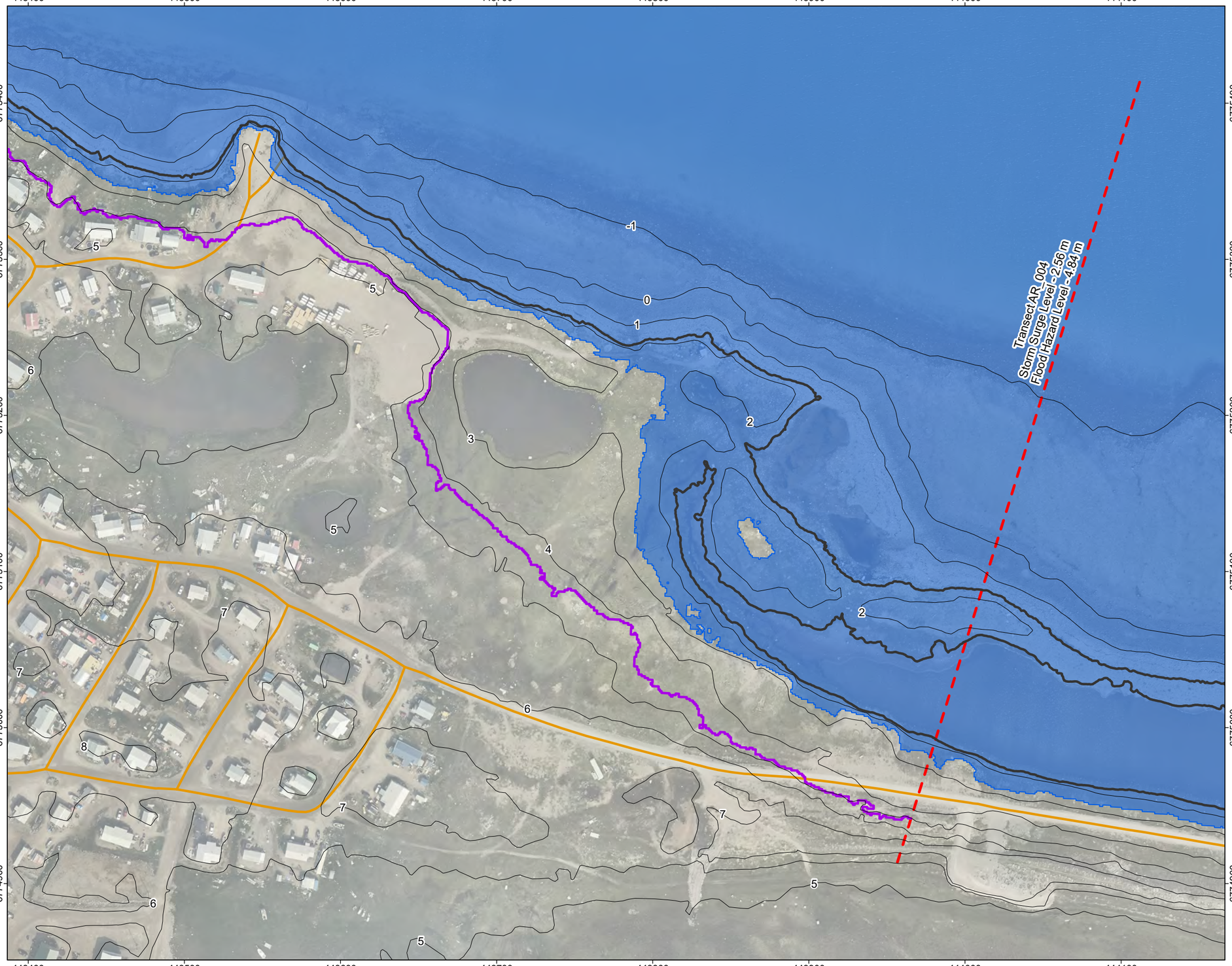
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Nunavut

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NUNAMI
STANTEC LIMITED

Figure No.

AR05-10yr

Title

Arviat - 10yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

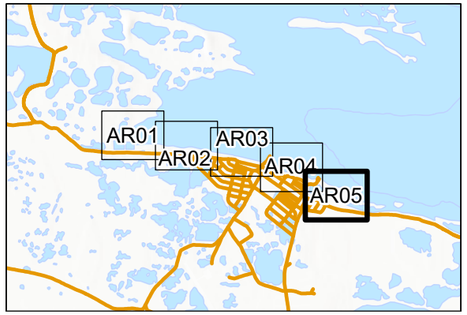
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IR by NKIMIAGHALAM on 20260910

N

0 50 100 Metres

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

- Modelling Transect
- HHWLT (1.67 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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2026-10-05
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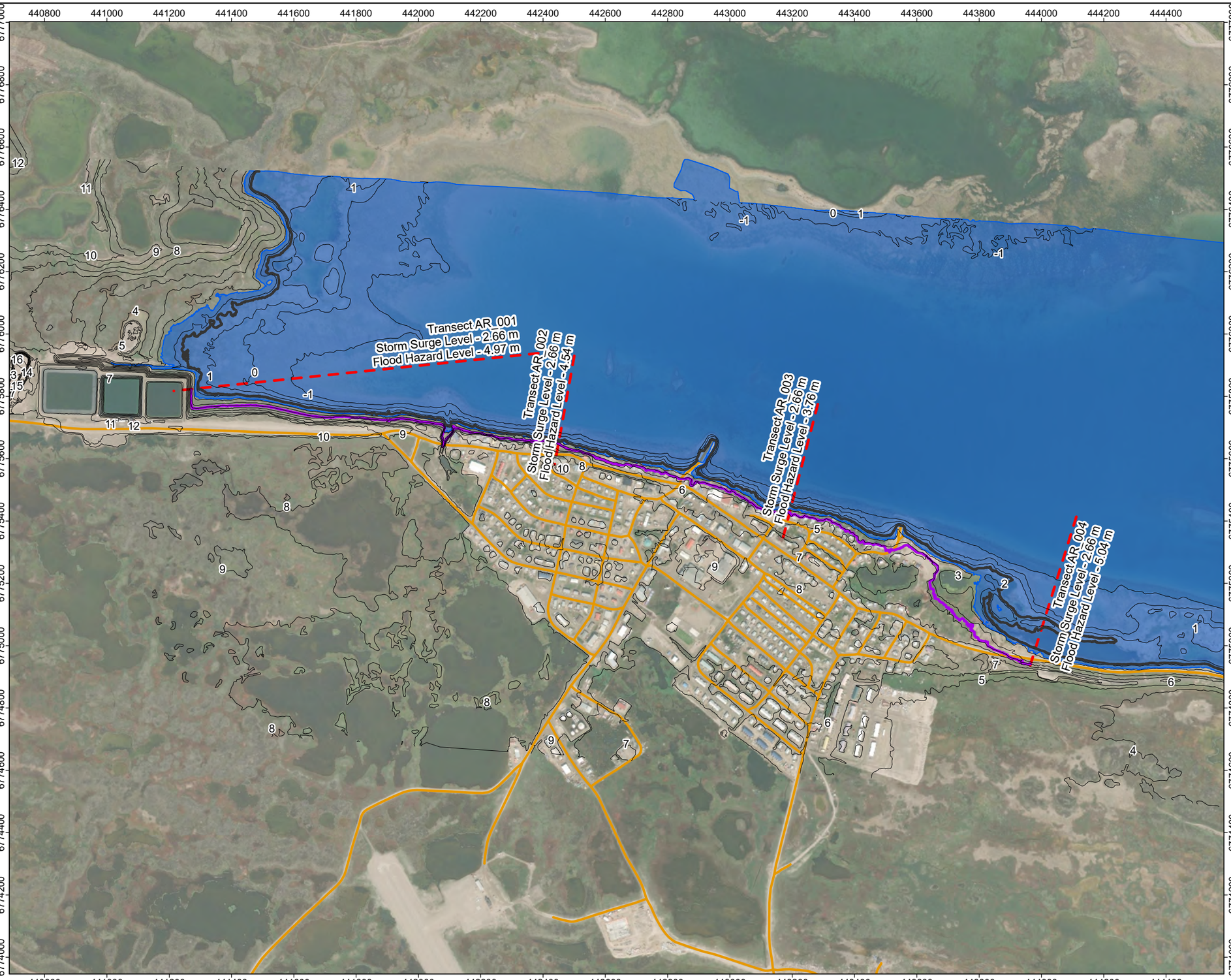
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Nunavut

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STANTEC LIMITED

Figure No.

AR00-20yr

Title

Arviat - 20yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

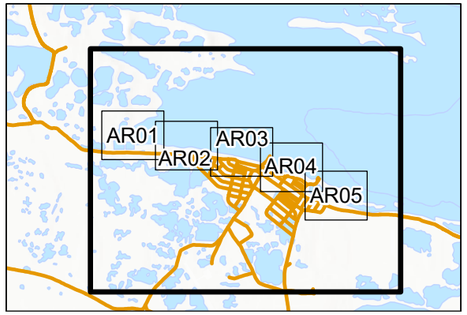
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(At original document size of 11x17)
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- Modelling Transect
- HHWLT (1.67 m)
- Flood Hazard Level - 20 yr
- Storm Surge Level - 20 yr
- Topographic Contours - 1 m
- Road



Notes

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REGISTERED PROFESSIONAL ENGINEER
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2026-10-05
NT/NU

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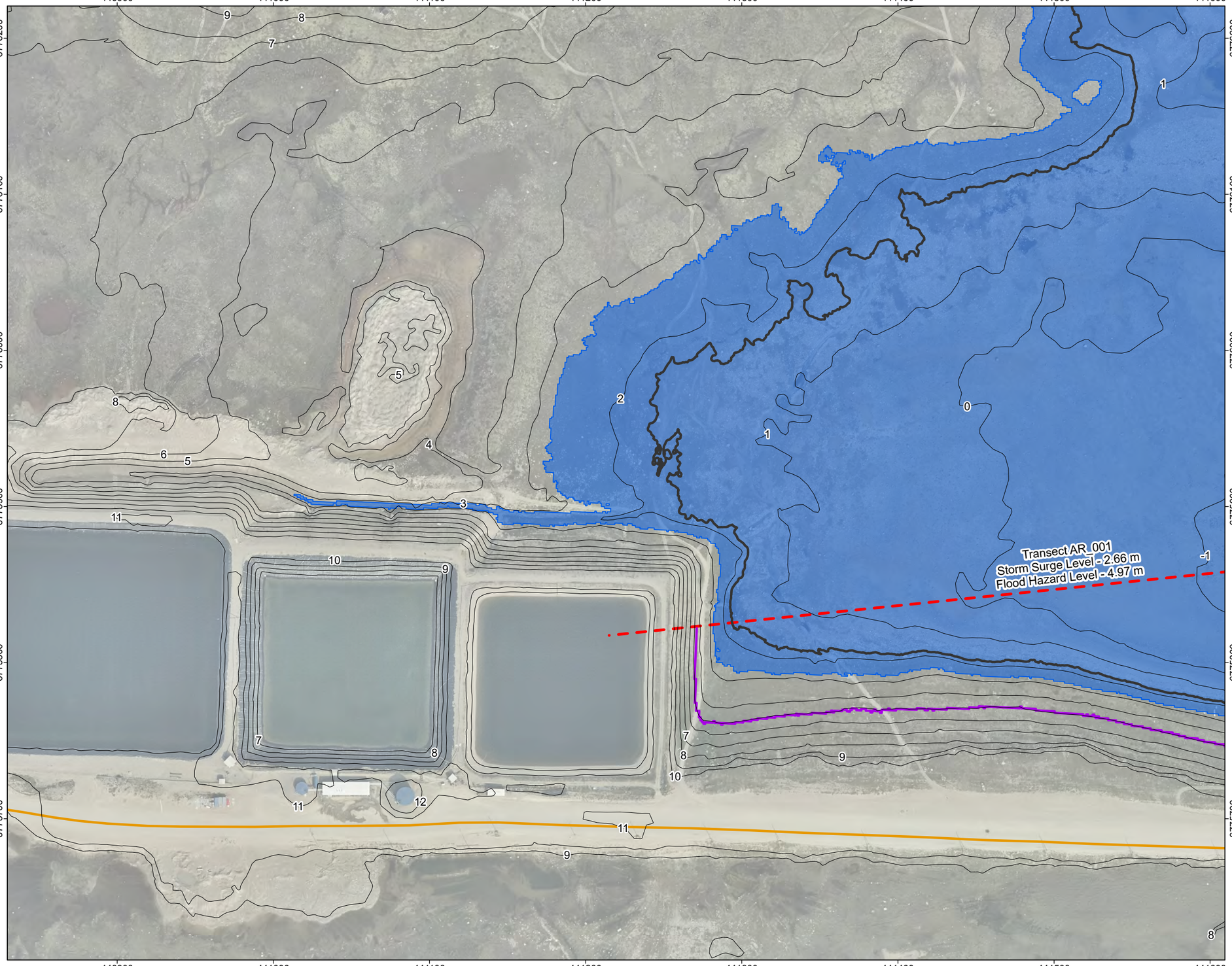
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NUNAMI
STANTEC LIMITED

Figure No.

AR01-20yr

Title

Arviat - 20yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

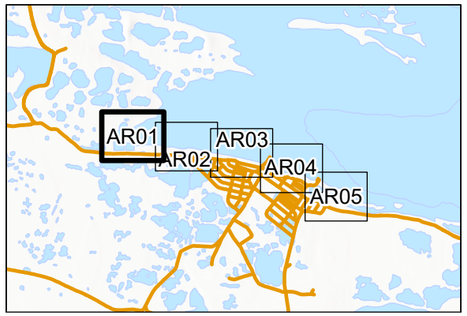
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- Modelling Transect
- HHWLT (1.67 m)
- Flood Hazard Level - 20 yr
- Storm Surge Level - 20 yr
- Topographic Contours - 1 m
- Road



Notes
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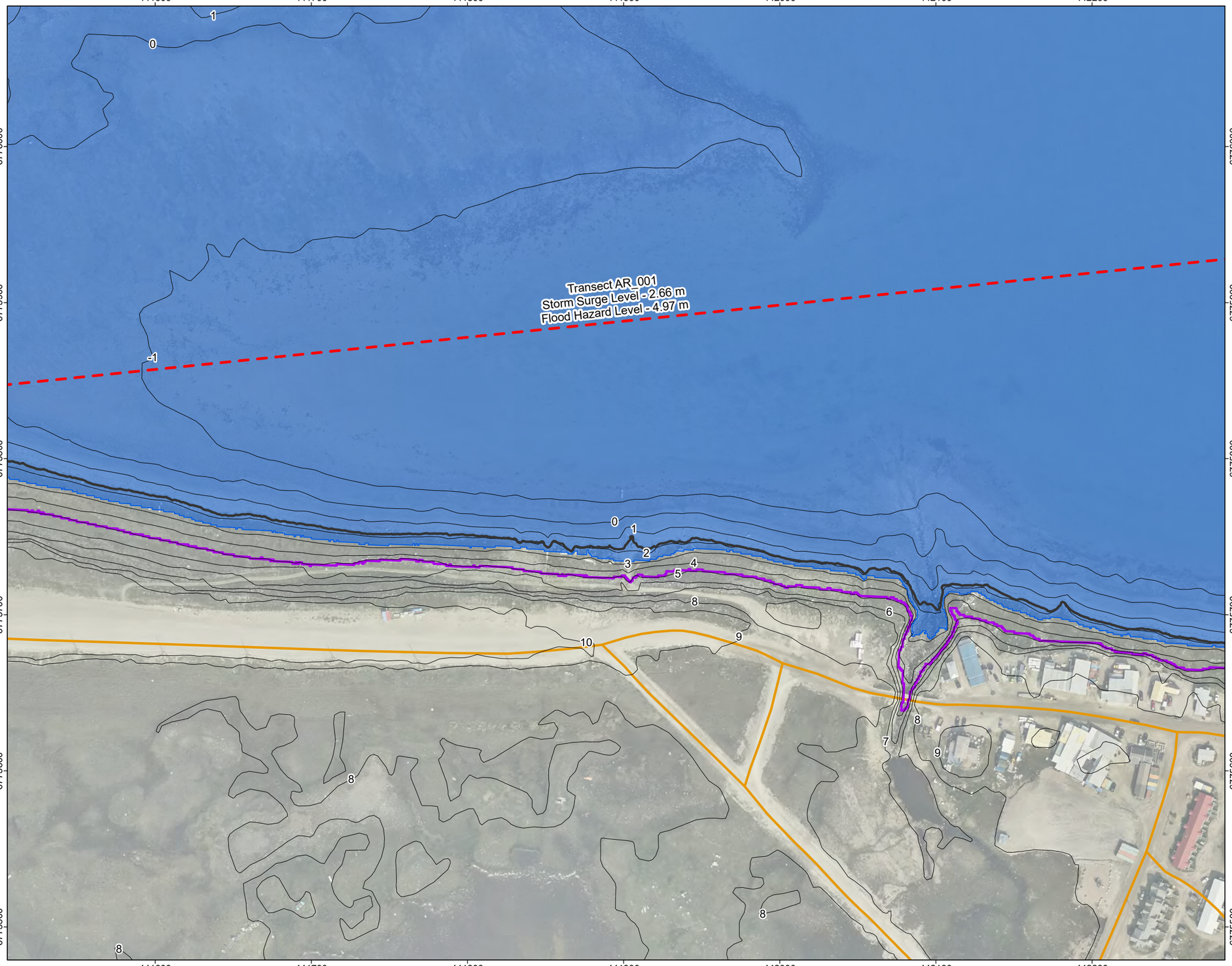
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Canada

Nunavut

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Figure No.

AR02-20yr

Title

Arviat - 20yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

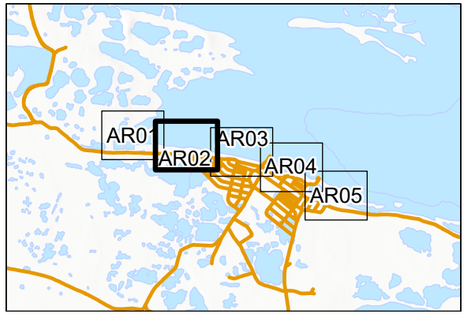
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TR by HDASHTPEYMA on 20260910
IR by NKIMIAGHALAM on 20260910

N

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

- Modelling Transect
- HHWLT (1.67 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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Date October 5, 2026
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Canada

Nunavut

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Figure No.

AR03-20yr

Title

Arviat - 20yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

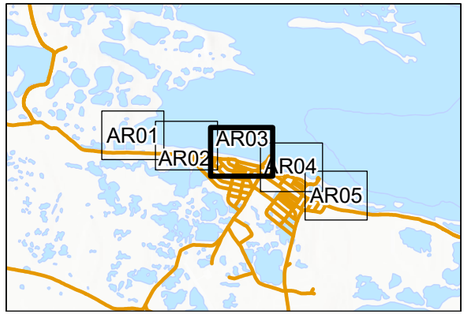
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- Modelling Transect
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- Flood Hazard Level - 20 yr
- Storm Surge Level - 20 yr
- Topographic Contours - 1 m
- Road



Notes

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

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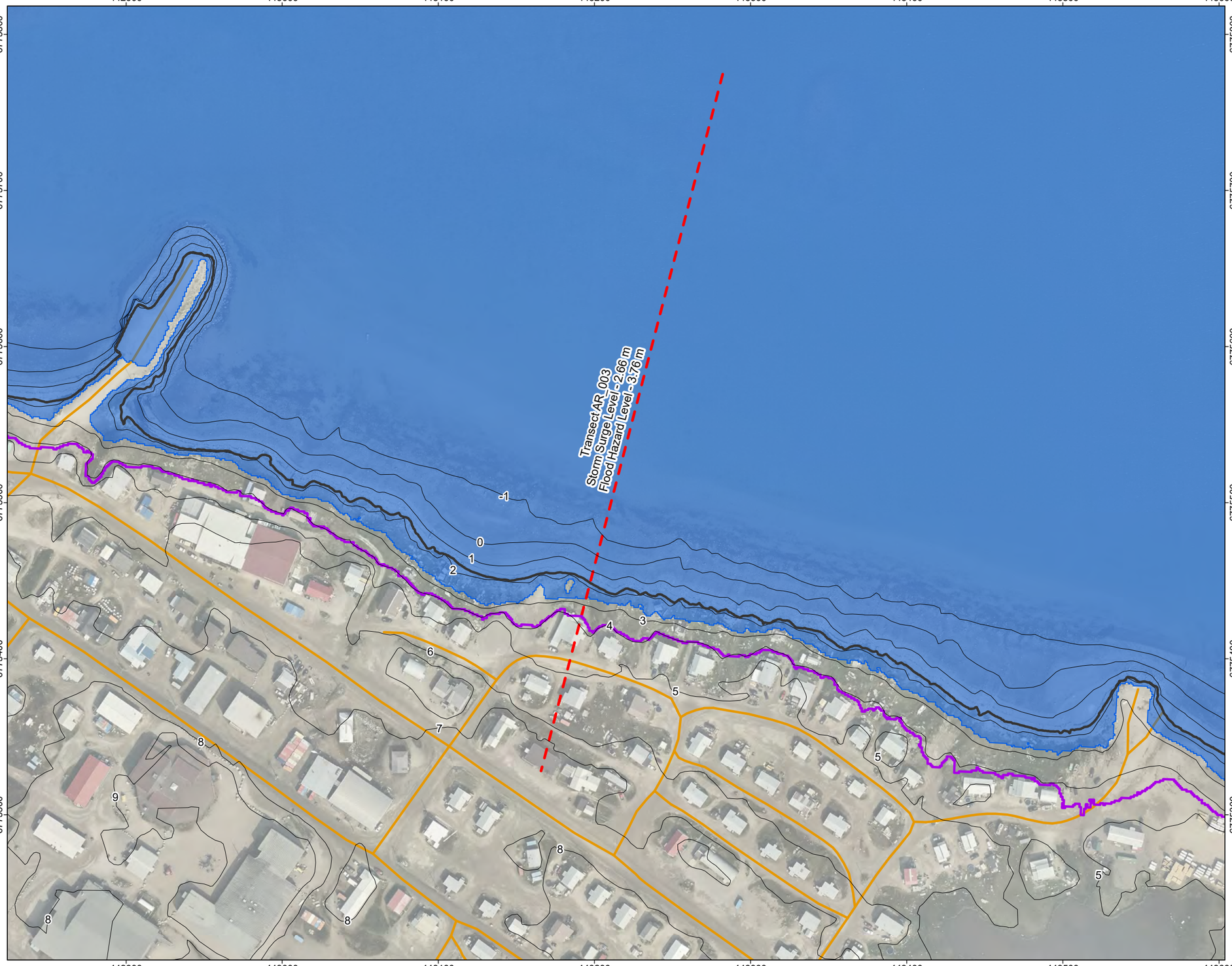
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Canada

Nunavut

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STANTEC LIMITED

Figure No.

AR04-20yr

Title

Arviat - 20yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

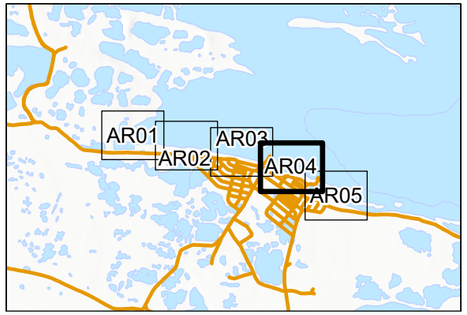
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- Modelling Transect
- HHWLT (1.67 m)
- Flood Hazard Level - 20 yr
- Storm Surge Level - 20 yr
- Topographic Contours - 1 m
- Road



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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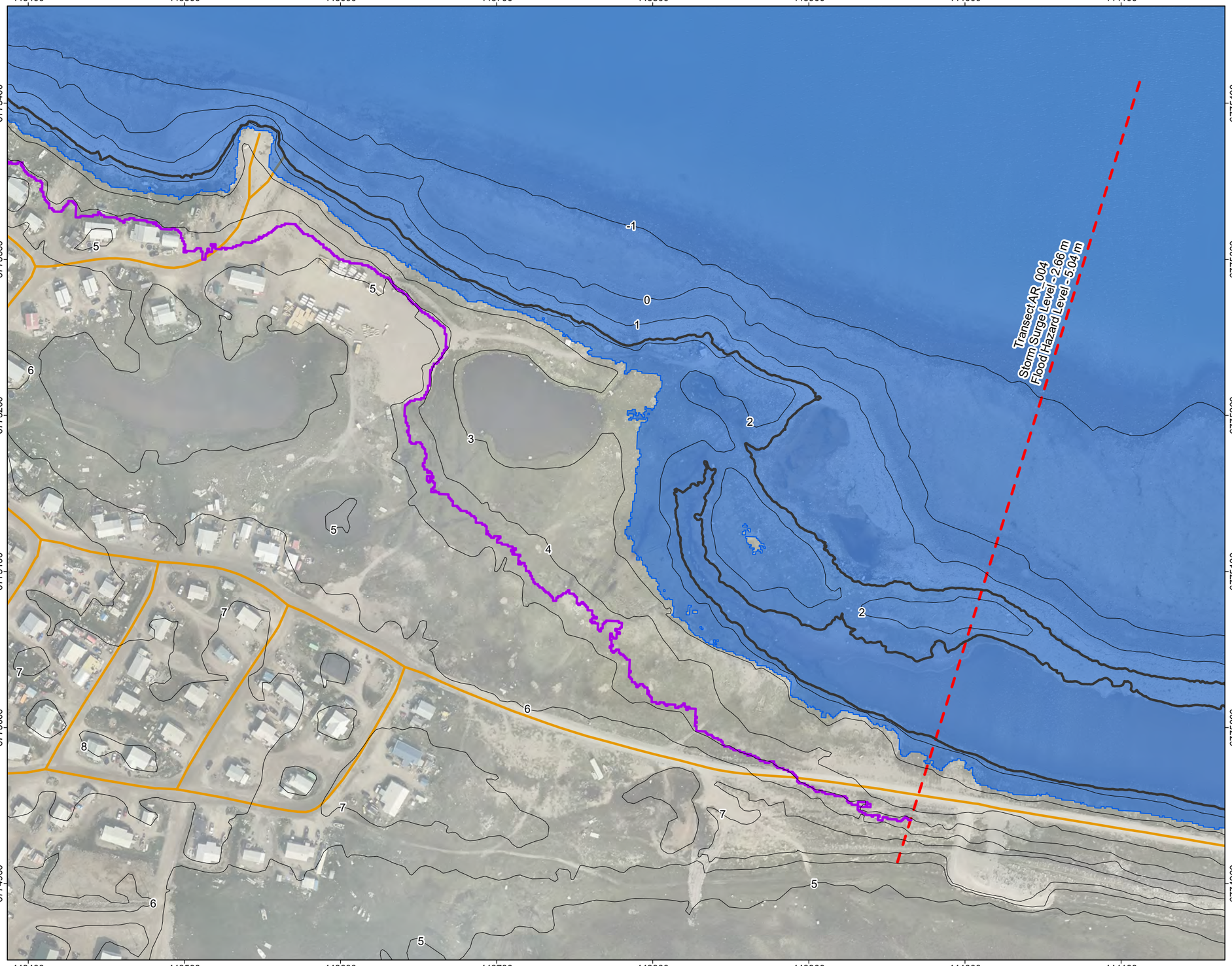
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Figure No.

AR05-20yr

Title

Arviat - 20yr

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

Project Number: 160951868

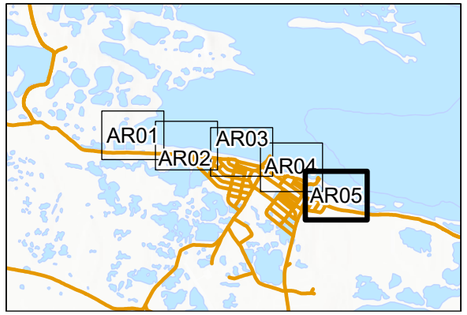
Project Location
Arviat, Nunavut

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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 (1.67 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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2026-10-05
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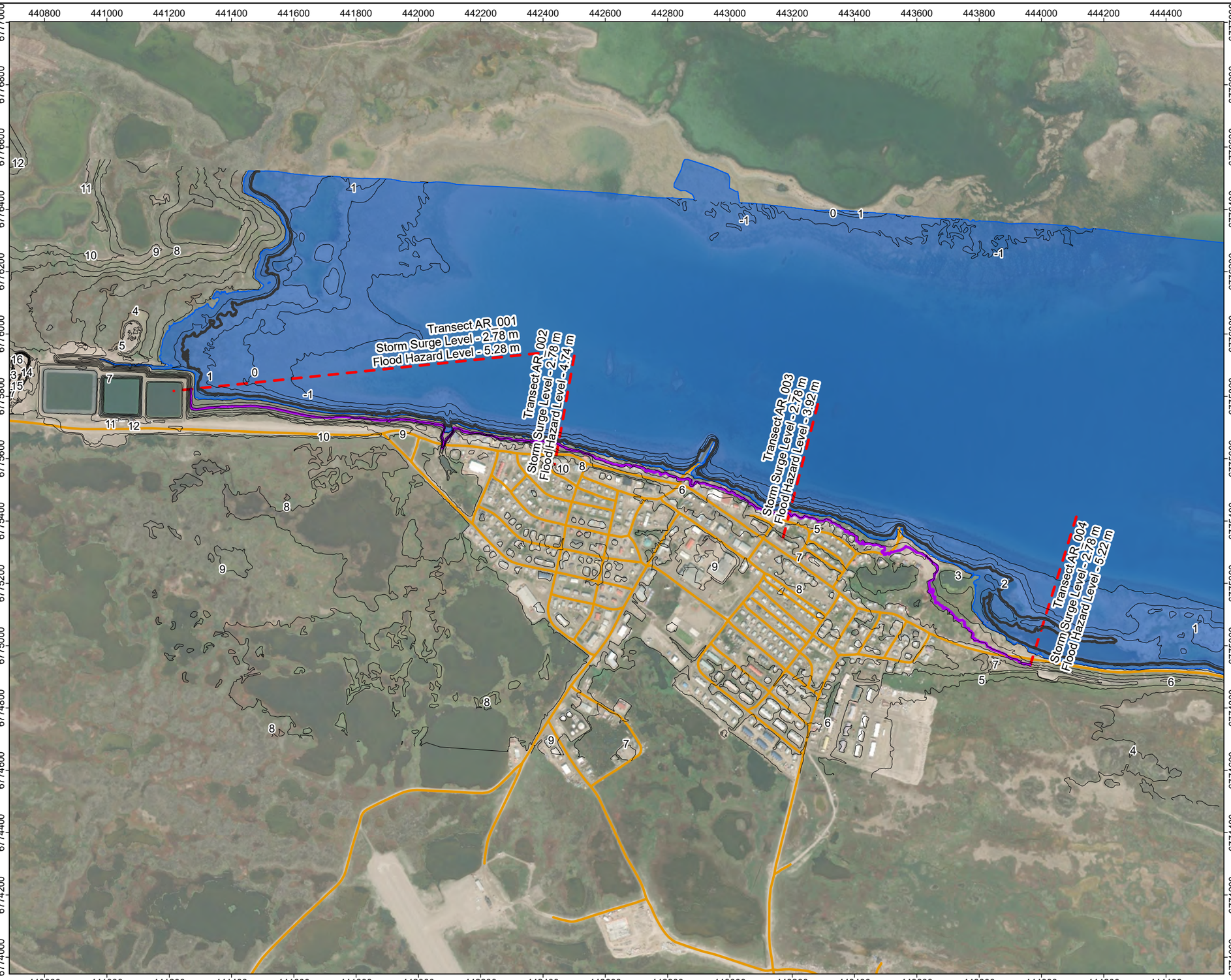
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Figure No.

AR00-50yr

Title

Arviat - 50yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

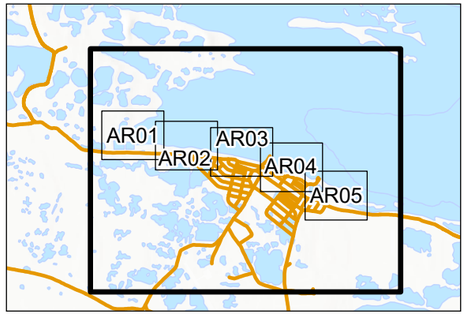
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N

0 200 400 Metres

(At original document size of 11x17)
1:12,500

- Modelling Transect
- HHWLT (1.67 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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2026-10-05
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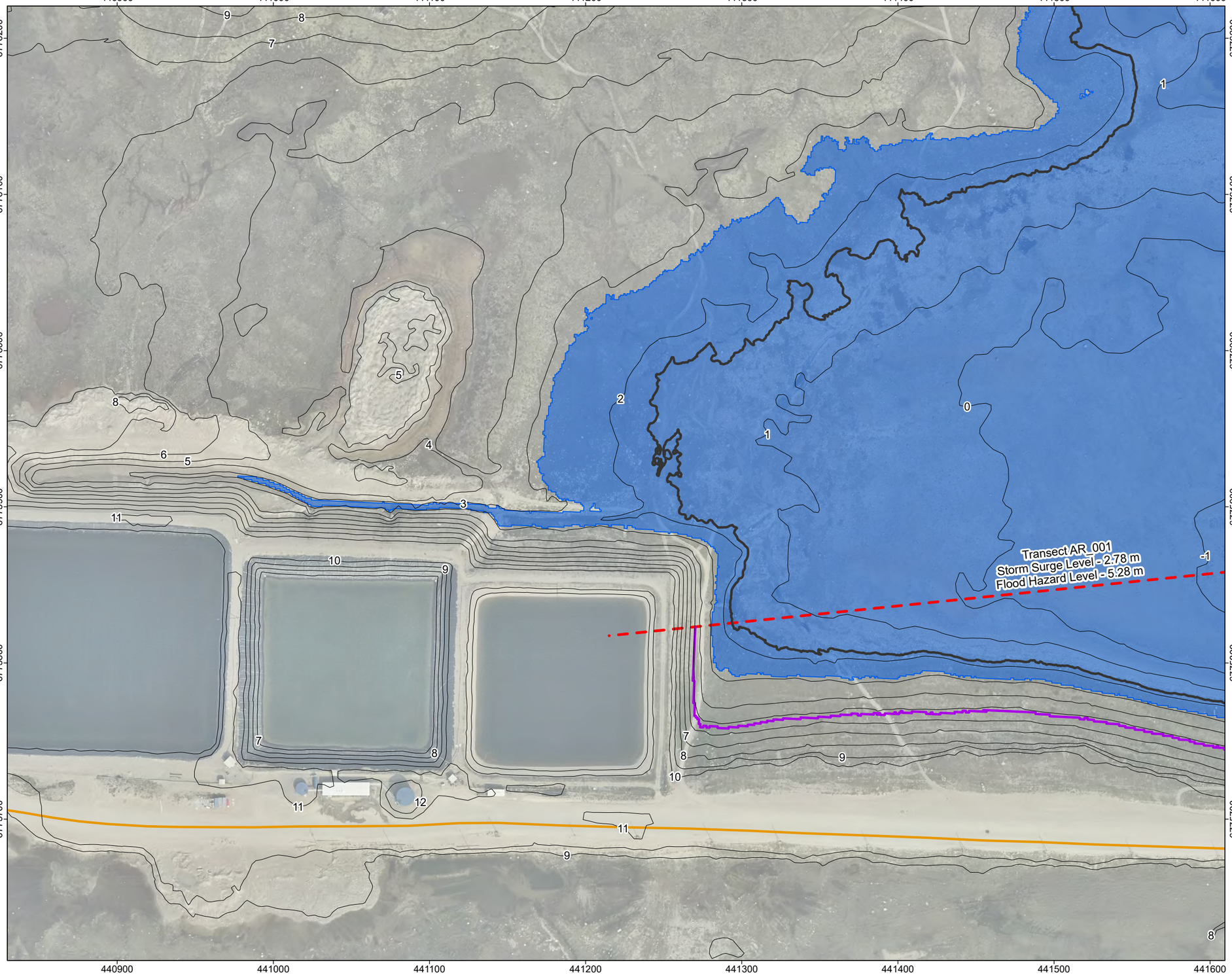
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Nunavut

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Figure No.

AR01-50yr

Title

Arviat - 50yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

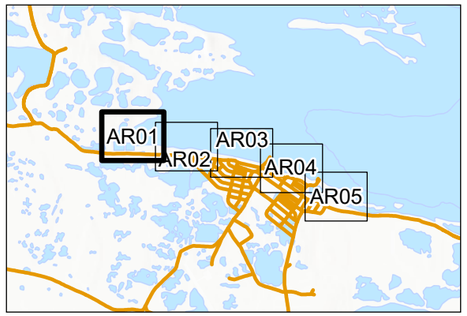
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N

0 50 100 Metres

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

- Modelling Transect
- HHWLT (1.67 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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2026-10-05
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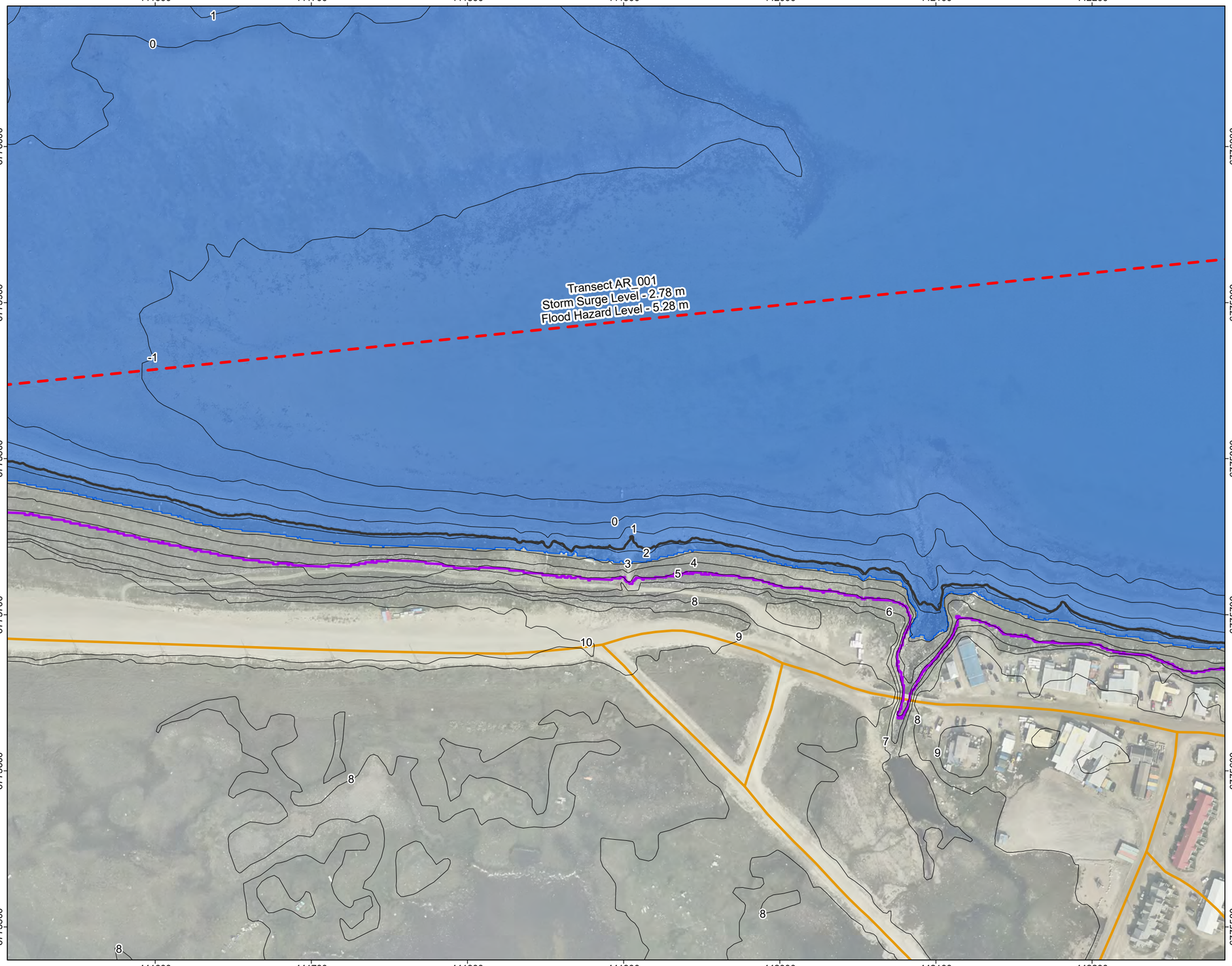
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Canada

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Figure No.

AR02-50yr

Title

Arviat - 50yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

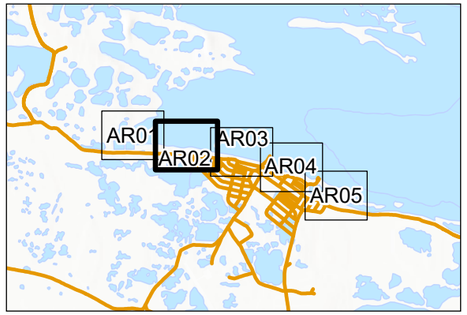
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N

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

- Modelling Transect
- HHWLT (1.67 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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2026-10-05
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Nunavut

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NUNAMI
STANTEC LIMITED

Figure No.

AR03-50yr

Title

Arviat - 50yr

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

Project Number: 160951868

Project Location
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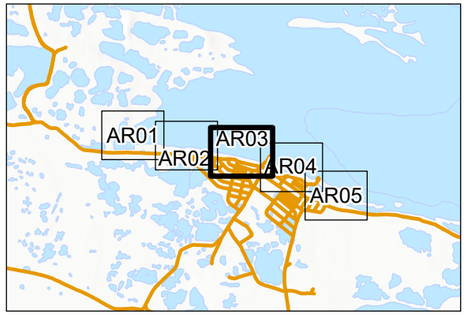
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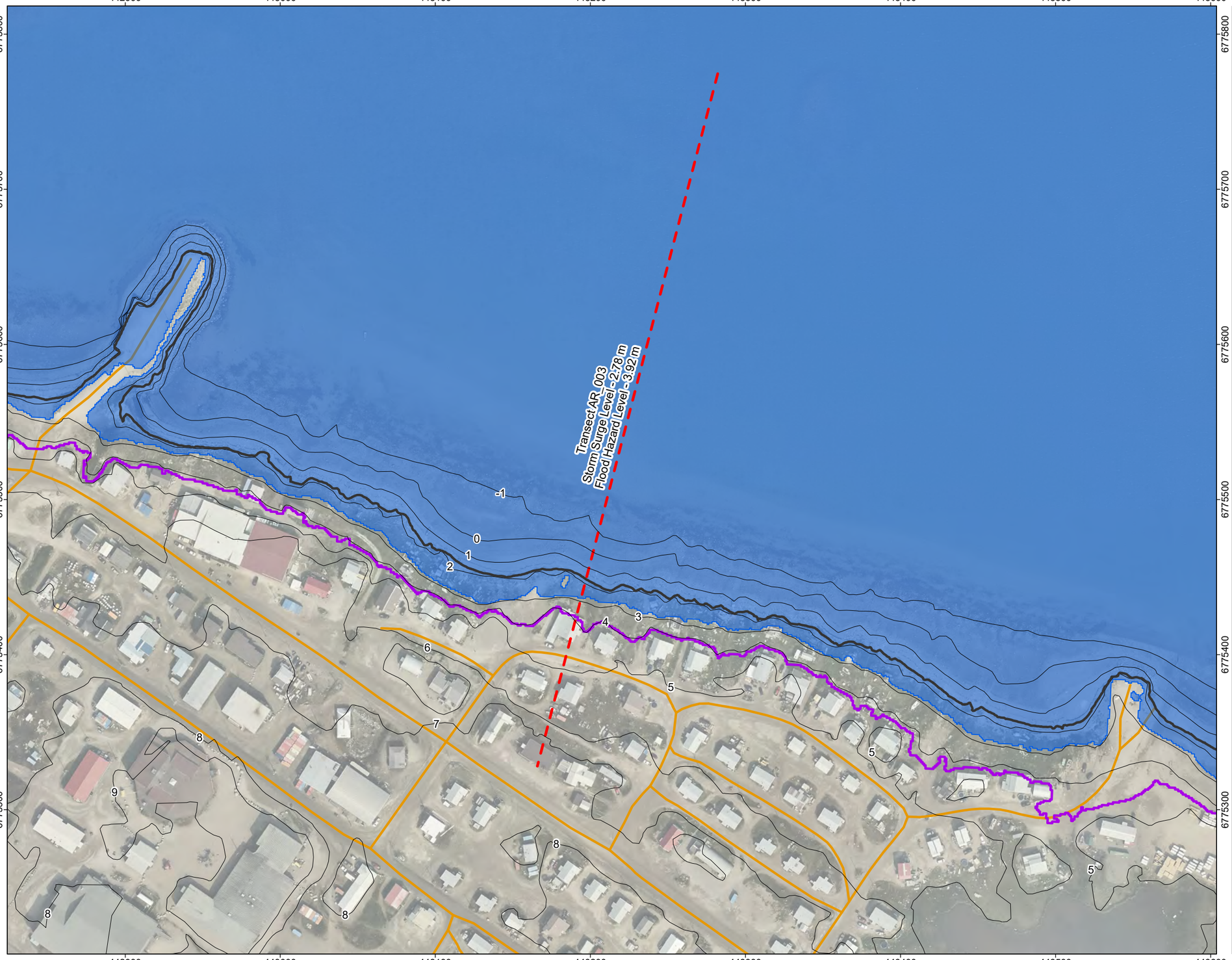
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NUNAMI
STANTEC LIMITED

Figure No.

AR04-50yr

Title

Arviat - 50yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

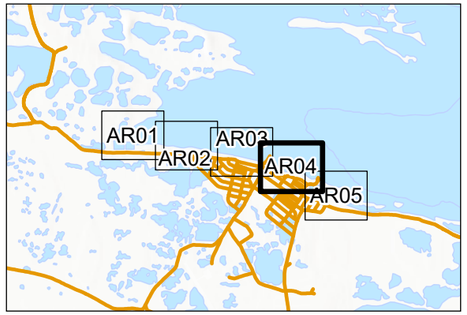
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Nunavut

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STANTEC LIMITED

Figure No.

AR05-50yr

Title

Arviat - 50yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

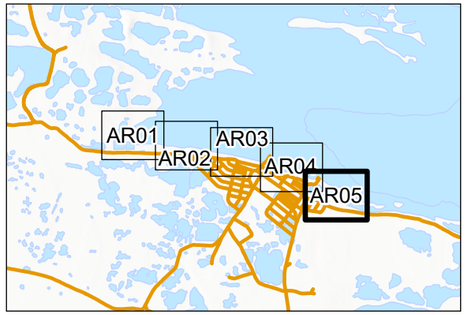
Prepared by MAINSLEY on 20260910
TR by HDASHTPEYMA on 20260910
IR by NKIMIAGHALAM on 20260910

N

0 50 100 Metres

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

- Modelling Transect
- HHWLT (1.67 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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2026-10-05
NT/NU

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

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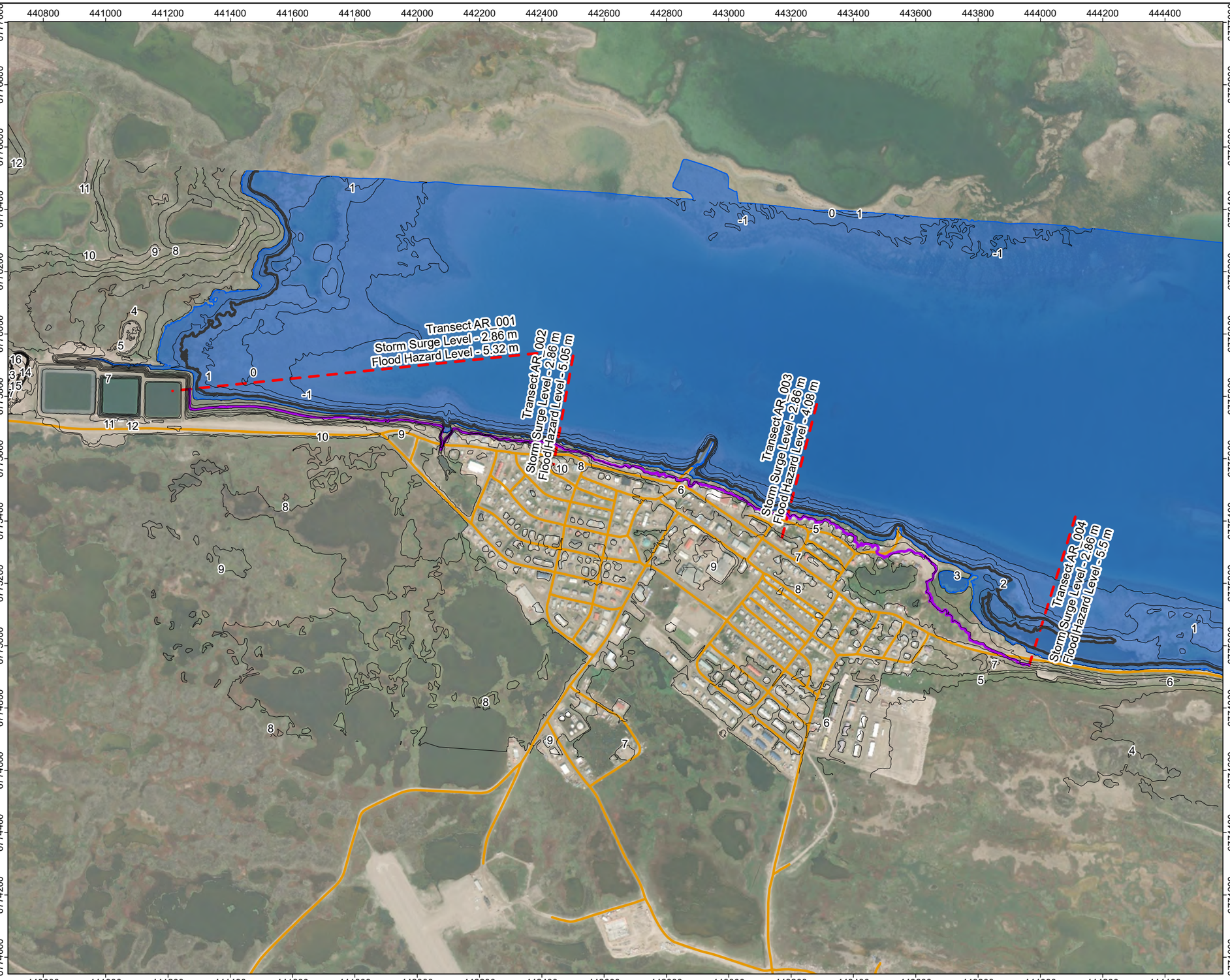
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Canada

Nunavut

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Figure No.

AR00-100yr

Title

Arviat - 100yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

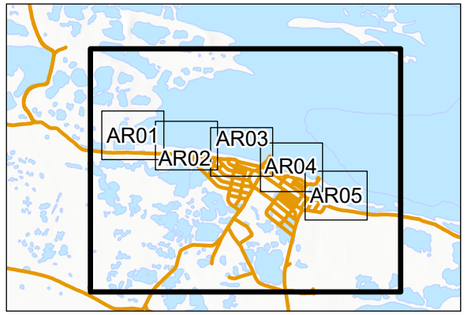
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TR by HDASHTPEYMA on 20260910
IR by NKIMIAGHALAM on 20260910

N

0 200 400 Metres

(At original document size of 11x17)
1:12,500

- Modelling Transect
- HHWLT (1.67 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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2025-10-05
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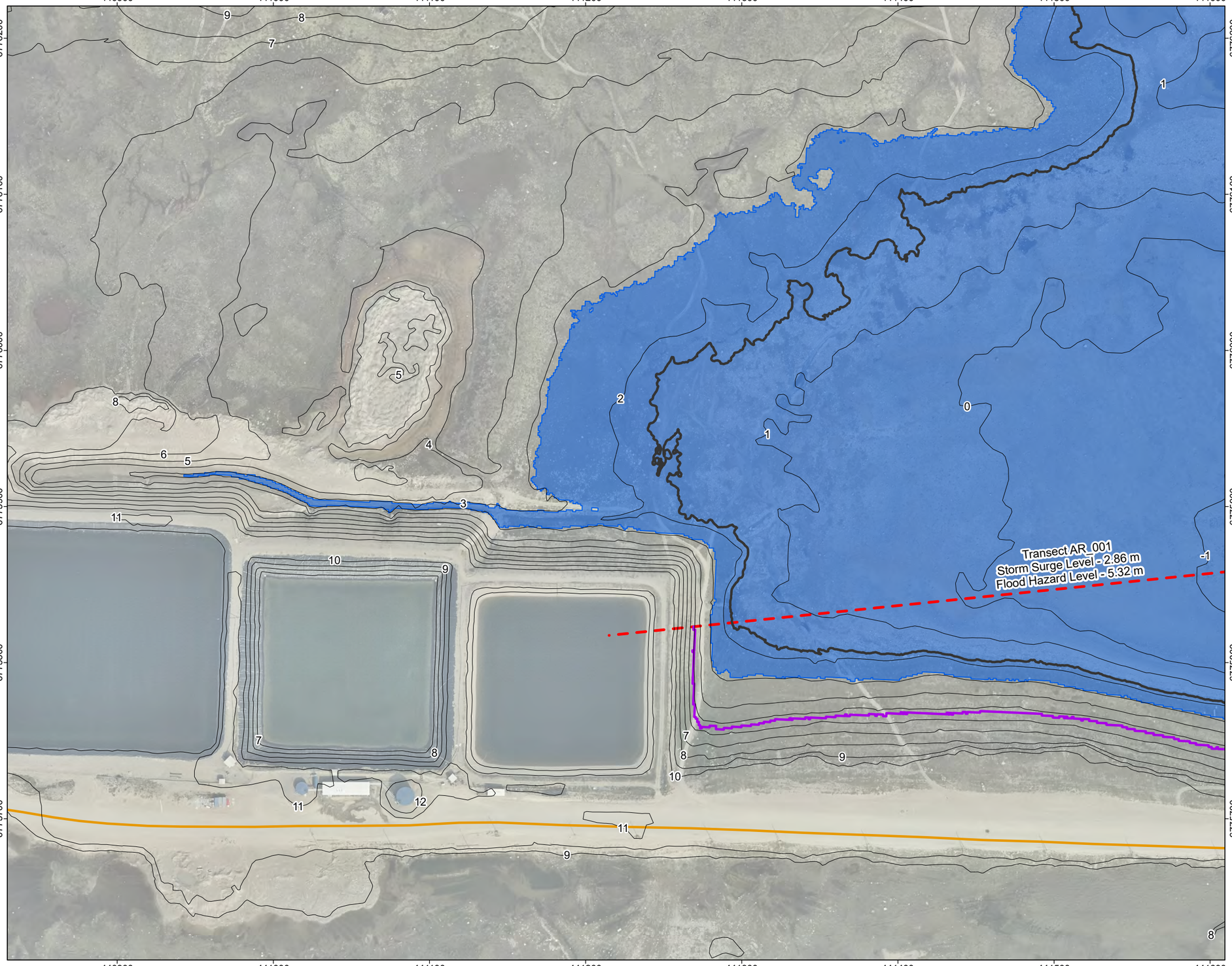
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Canada

Nunavut

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STANTEC LIMITED

Figure No.

AR01-100yr

Title

Arviat - 100yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

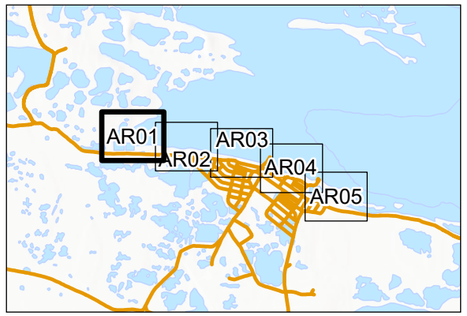
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IR by NKIMIAGHALAM on 20260910

N

0 50 100 Metres

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

- Modelling Transect
- HHWLT (1.67 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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2026-10-05
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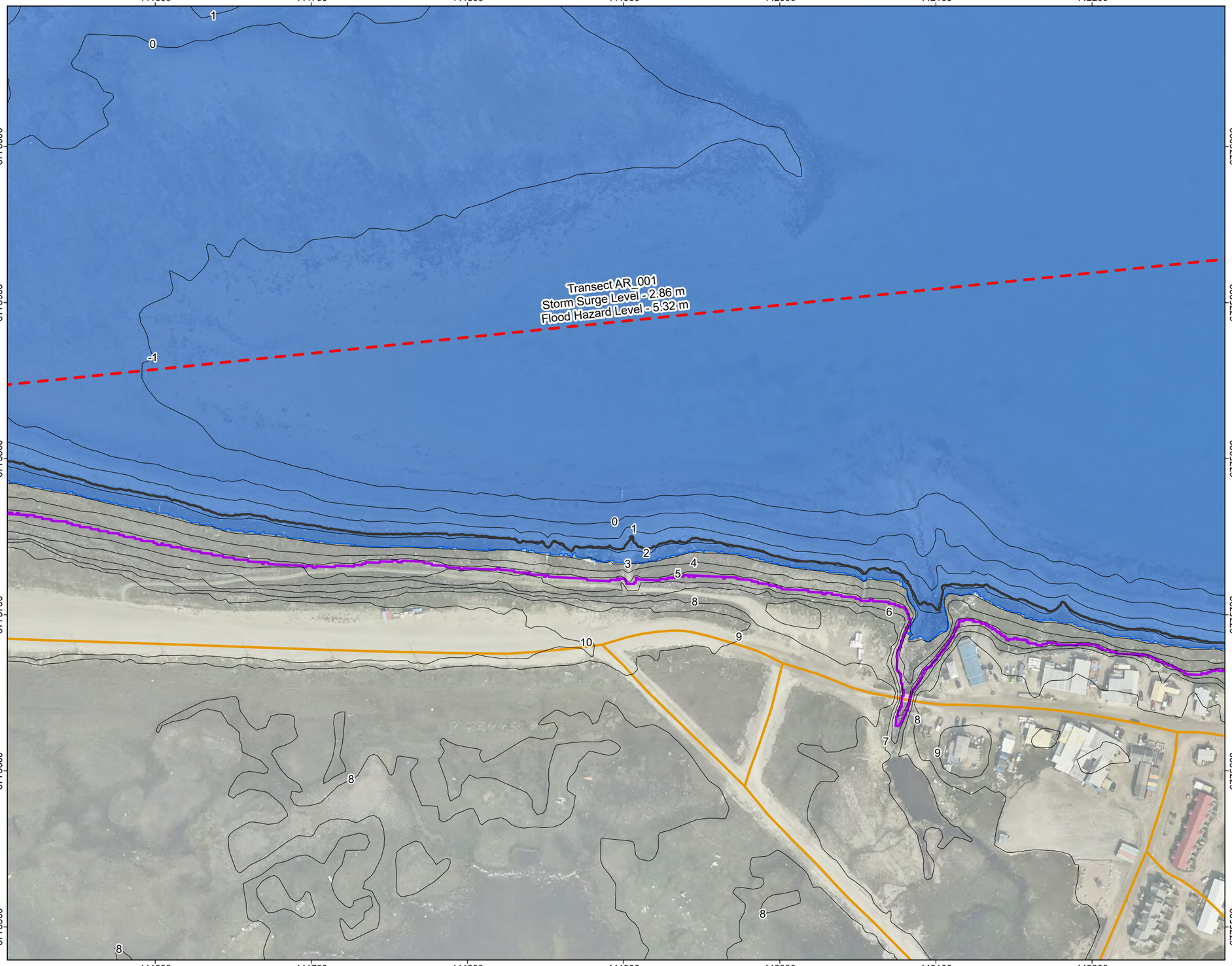
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Canada

Nunavut

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Figure No.

AR02-100yr

Title

Arviat - 100yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

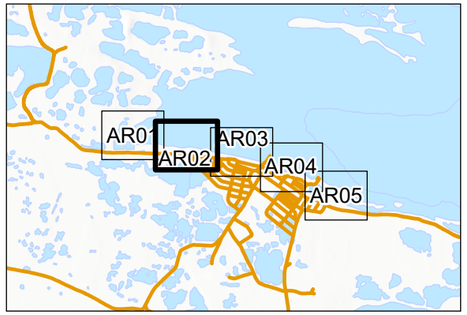
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IR by NKIMIAGHALAM on 20260910

N

0 50 100 Metres

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

- Modelling Transect
- HHWLT (1.67 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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2026-10-05
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PERMIT NUMBER: P 1117
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STANTEC LIMITED

Figure No.

AR03-100yr

Title

Arviat - 100yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

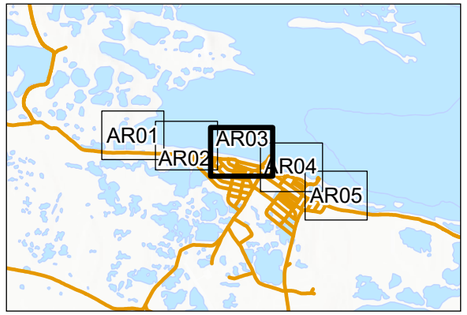
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N

0 50 100 Metres

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- Modelling Transect
- HHWLT (1.67 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.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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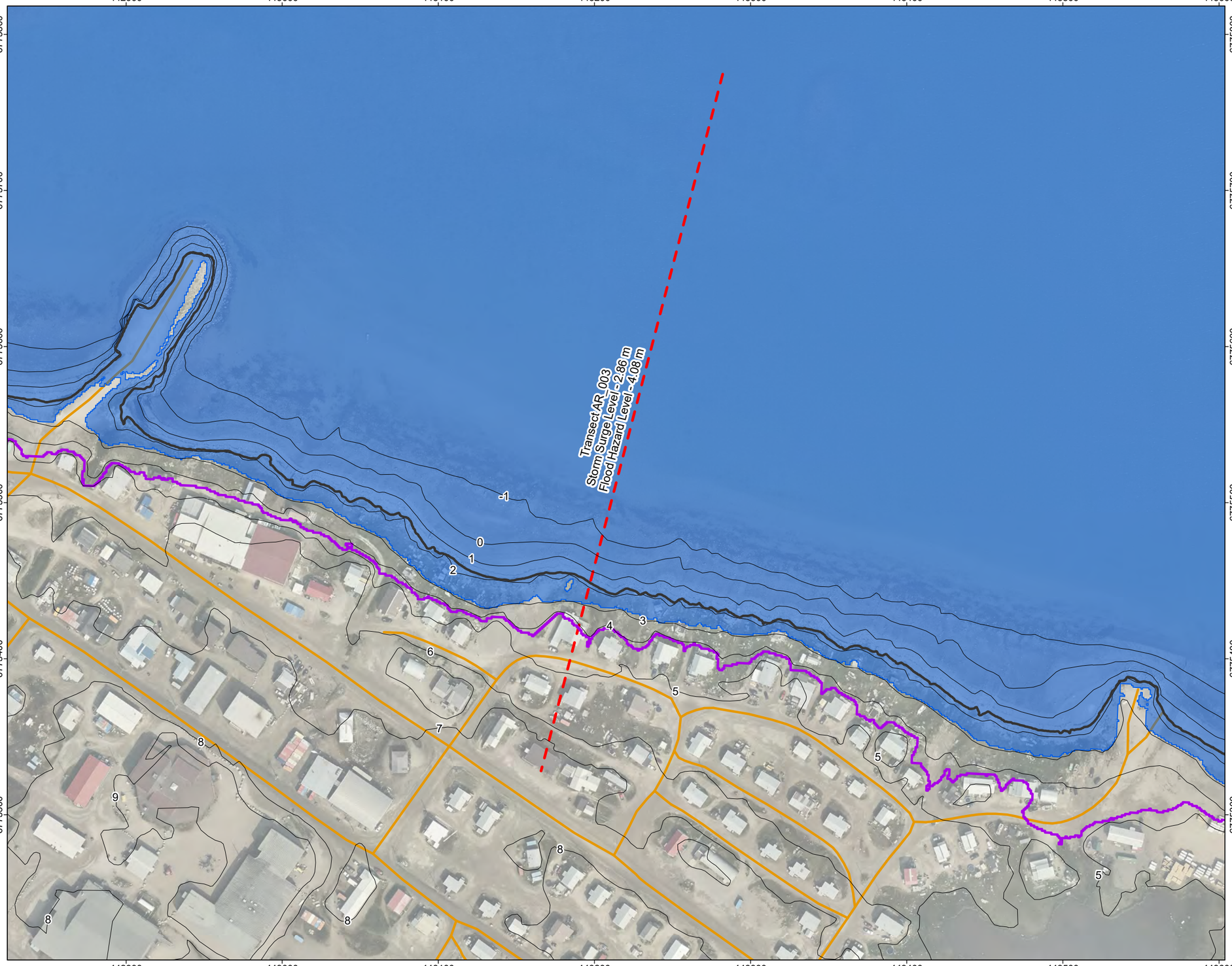
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Canada

Nunavut

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Figure No.

AR04-100yr

Title

Arviat - 100yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

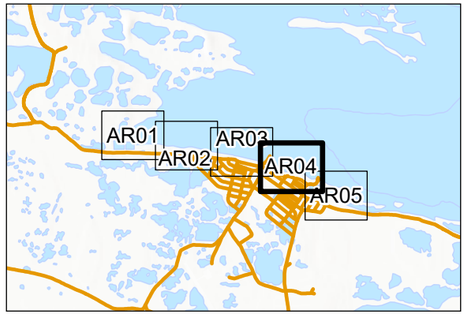
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N

0 50 100 Metres

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

- Modelling Transect
- HHWLT (1.67 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.
3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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STANTEC LIMITED

Figure No.

AR05-100yr

Title

Arviat - 100yr

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

Project Number: 160951868

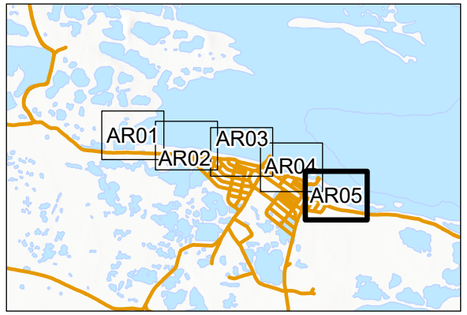
Project Location
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- Modelling Transect
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- Flood Hazard Level - 100 yr
- Storm Surge Level - 100 yr
- Topographic Contours - 1 m
- Road



Notes

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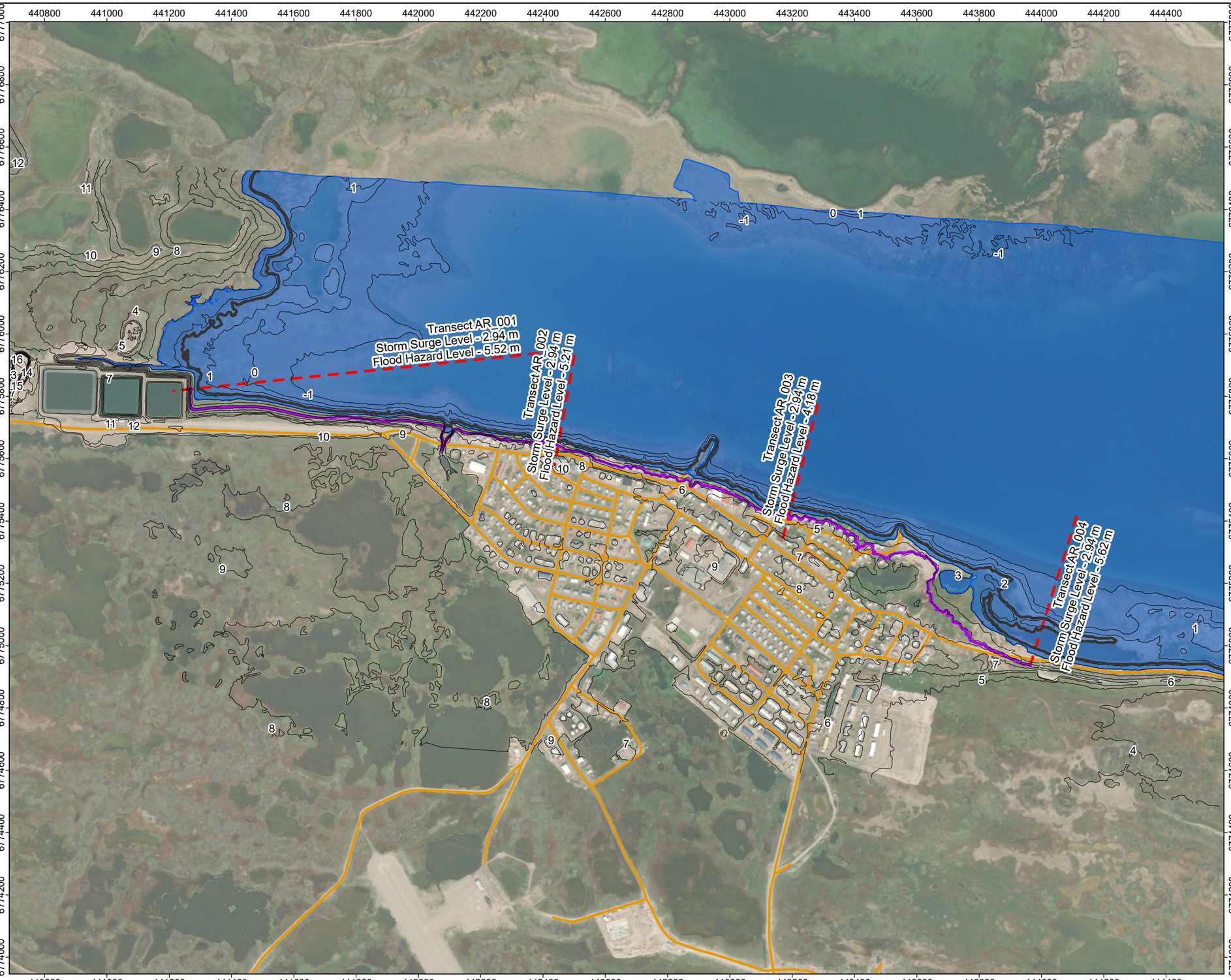
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NUNAMI
STANTEC LIMITED

Figure No.

AR00-200yr

Title

Arviat - 200yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

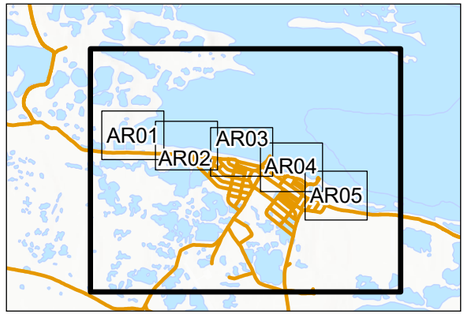
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N

0 200 400 Metres

(At original document size of 11x17)
1:12,500

- Modelling Transect
- HHWLT (1.67 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

REGISTERED PROFESSIONAL ENGINEER
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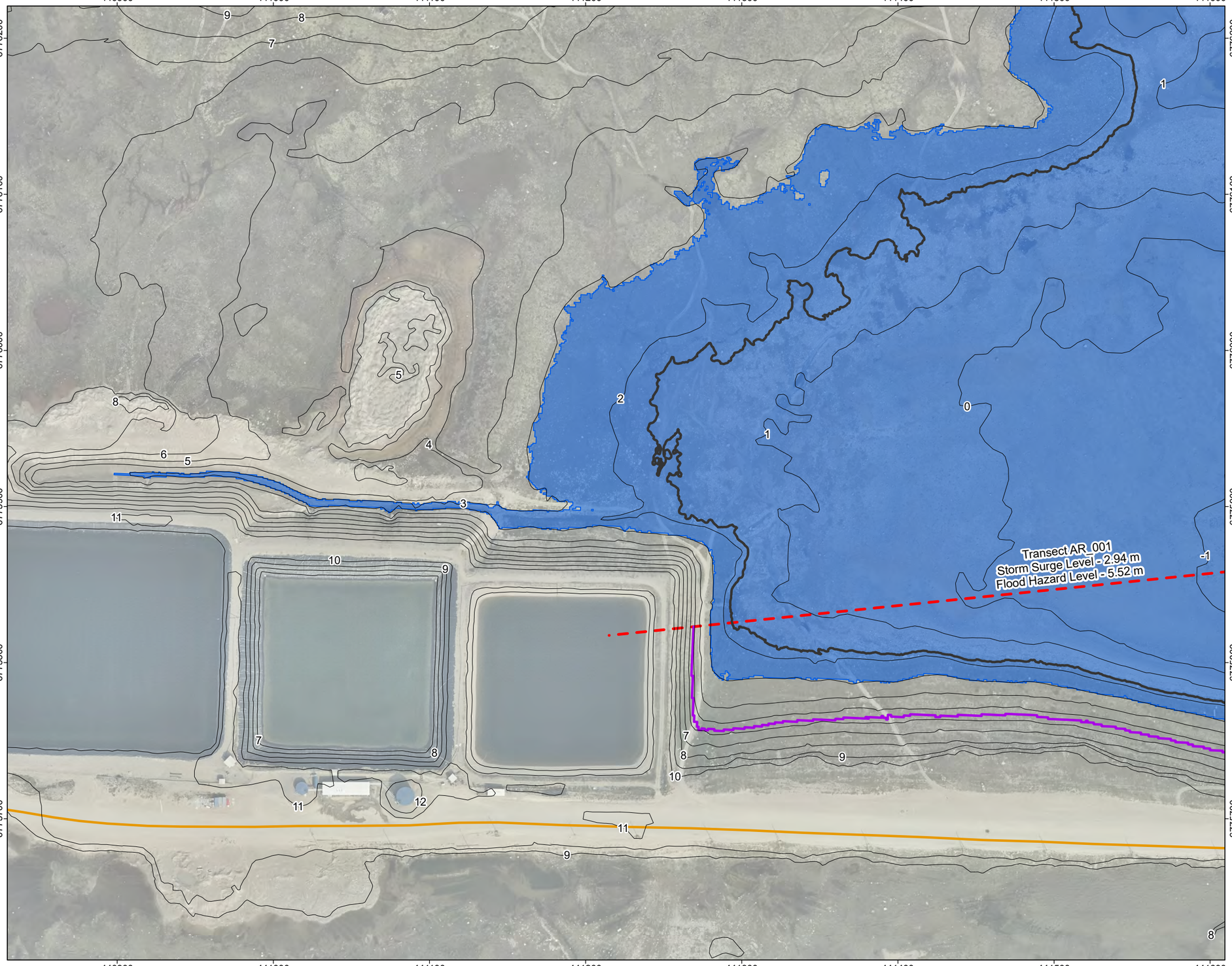
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Canada

Nunavut

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Figure No.

AR01-200yr

Title

Arviat - 200yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

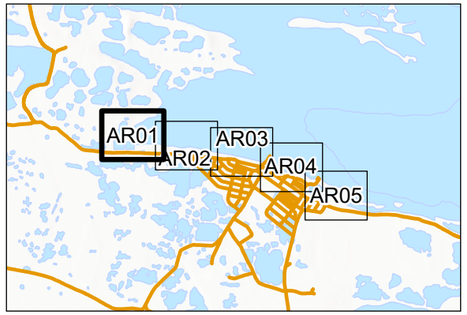
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TR by HDASHTPEYMA on 20260910
IR by NKIMIAGHALAM on 20260910

N

0 50 100 Metres

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

- Modelling Transect
- HHWLT (1.67 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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2026-10-05
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Date October 5, 2026
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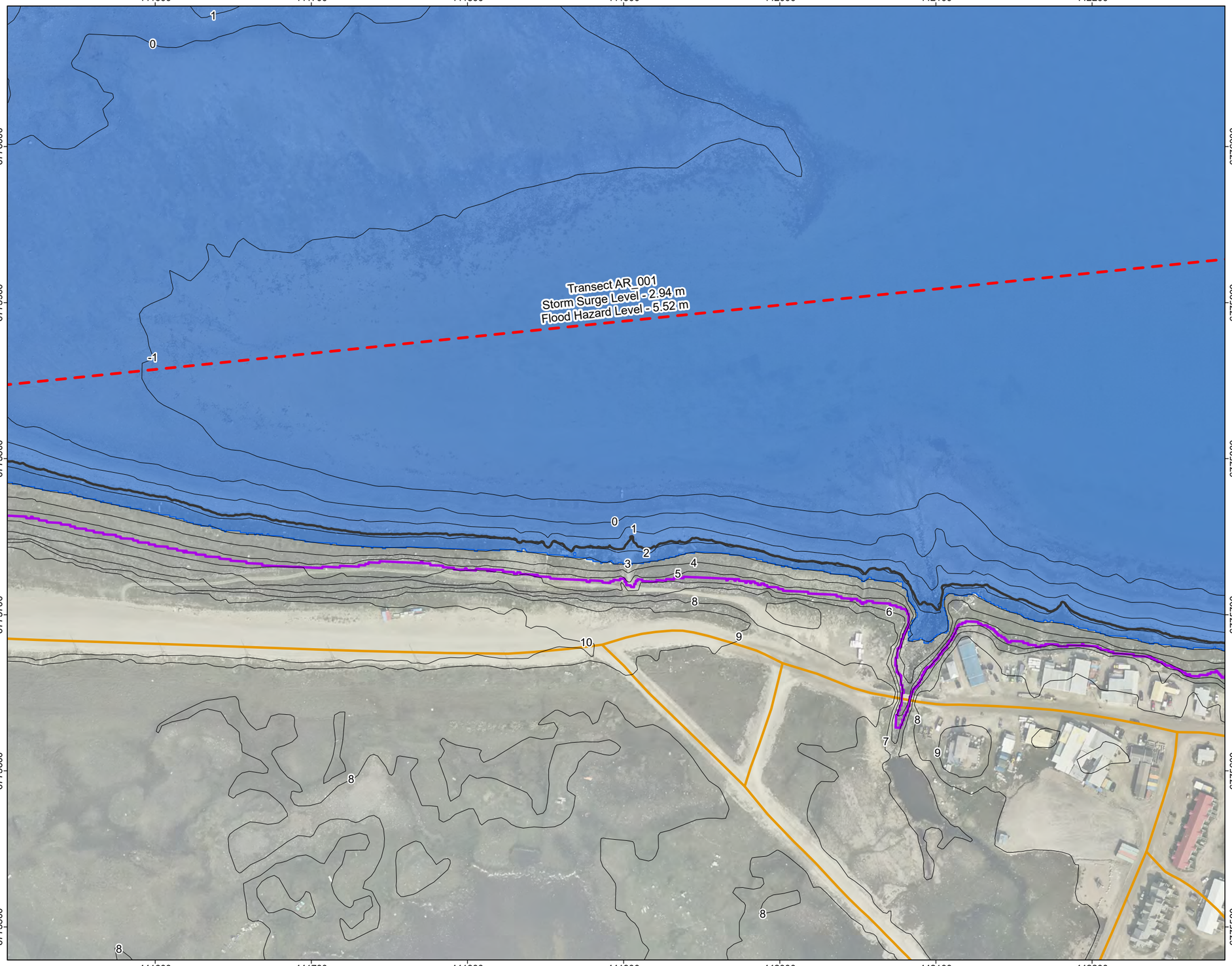
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Canada

Nunavut

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Figure No.

AR02-200yr

Title

Arviat - 200yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

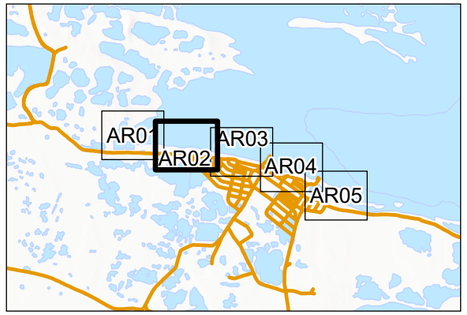
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IR by NKIMIAGHALAM on 20260910

N

0 50 100 Metres

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

- Modelling Transect
- HHWLT (1.67 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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Canada

Nunavut

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NUNAMI
STANTEC LIMITED

Figure No.

AR03-200yr

Title

Arviat - 200yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

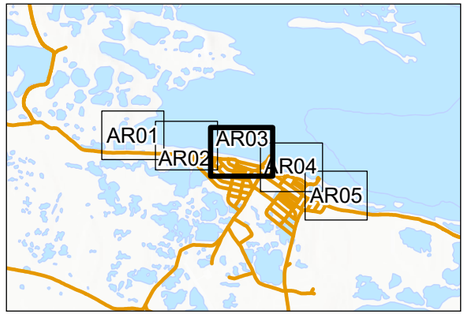
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- Modelling Transect
- HHWLT (1.67 m)
- Flood Hazard Level - 200 yr
- Storm Surge Level - 200 yr
- Topographic Contours - 1 m
- Road



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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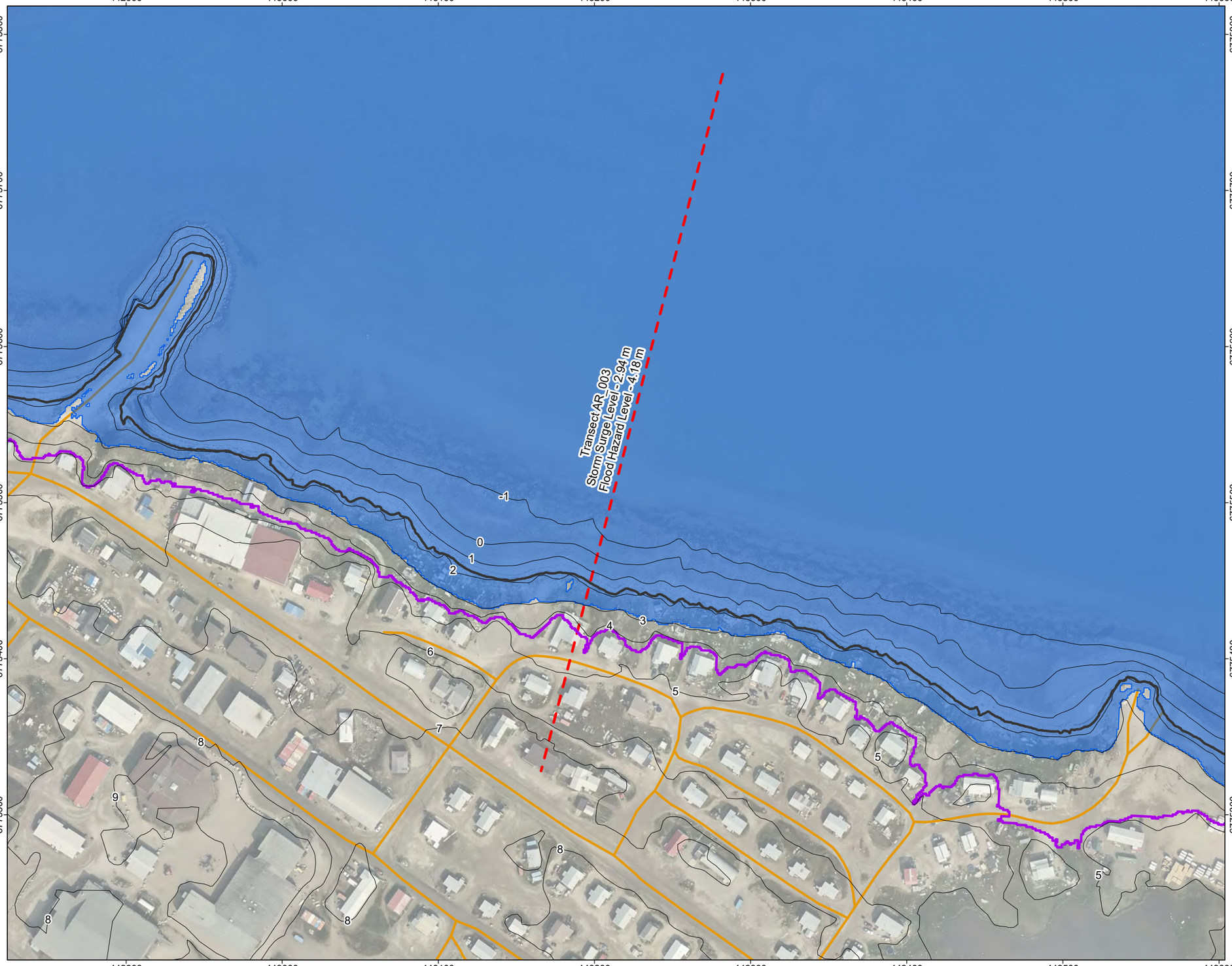
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Figure No.

AR04-200yr

Title

Arviat - 200yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

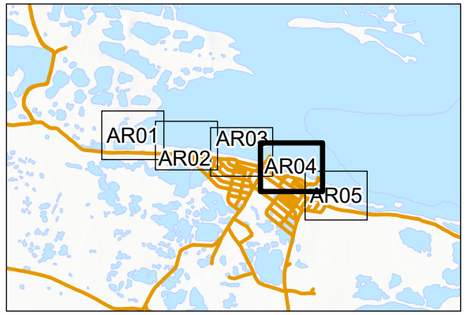
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N

0 50 100 Metres

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

- Modelling Transect
- HHWLT (1.67 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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2026-10-05
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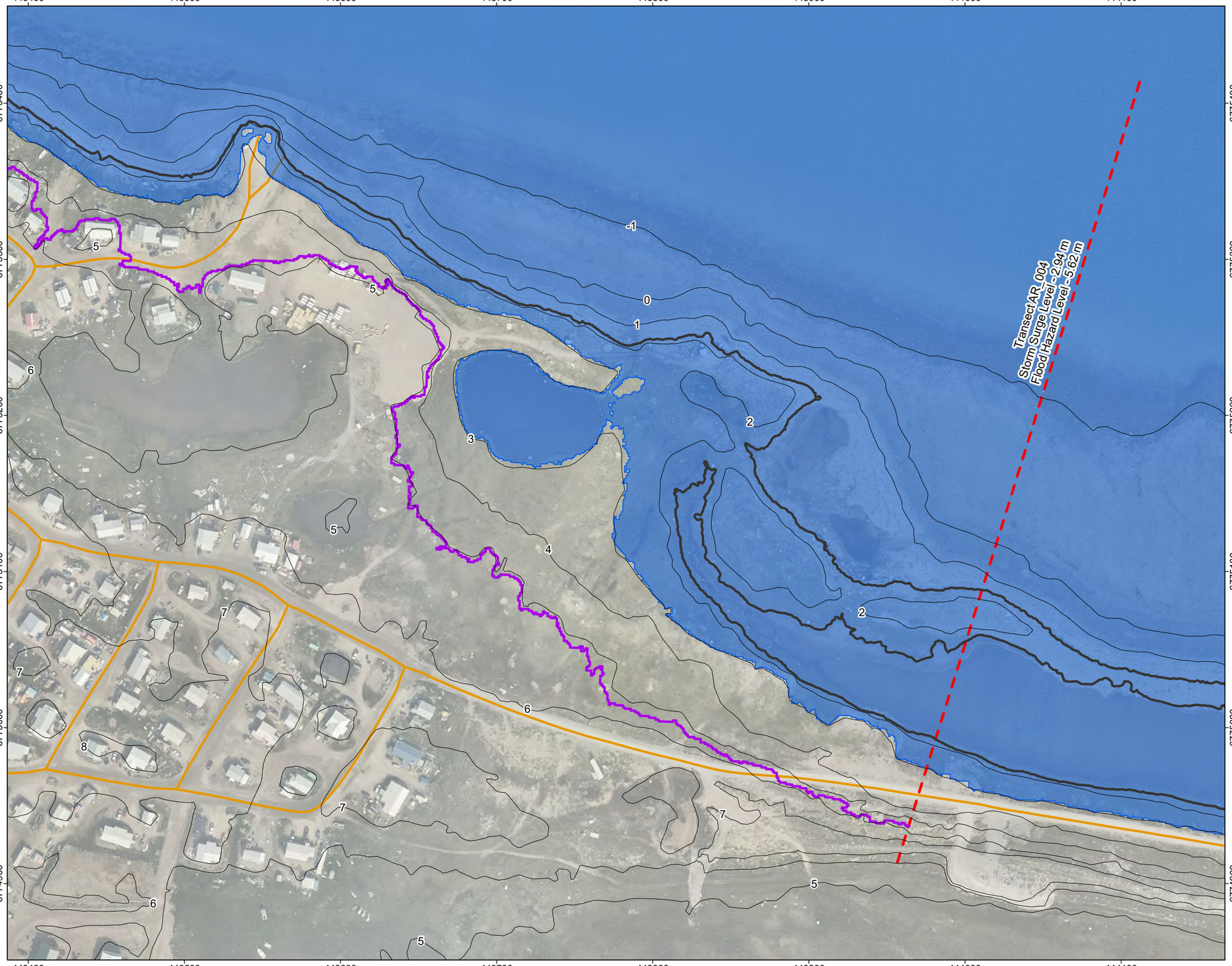
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Figure No.

AR05-200yr

Title

Arviat - 200yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

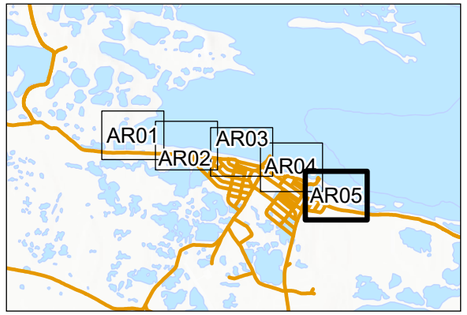
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IR by NKIMIAGHALAM on 20260910

N

0 50 100 Metres

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

- Modelling Transect
- HHWLT (1.67 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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2026-10-05
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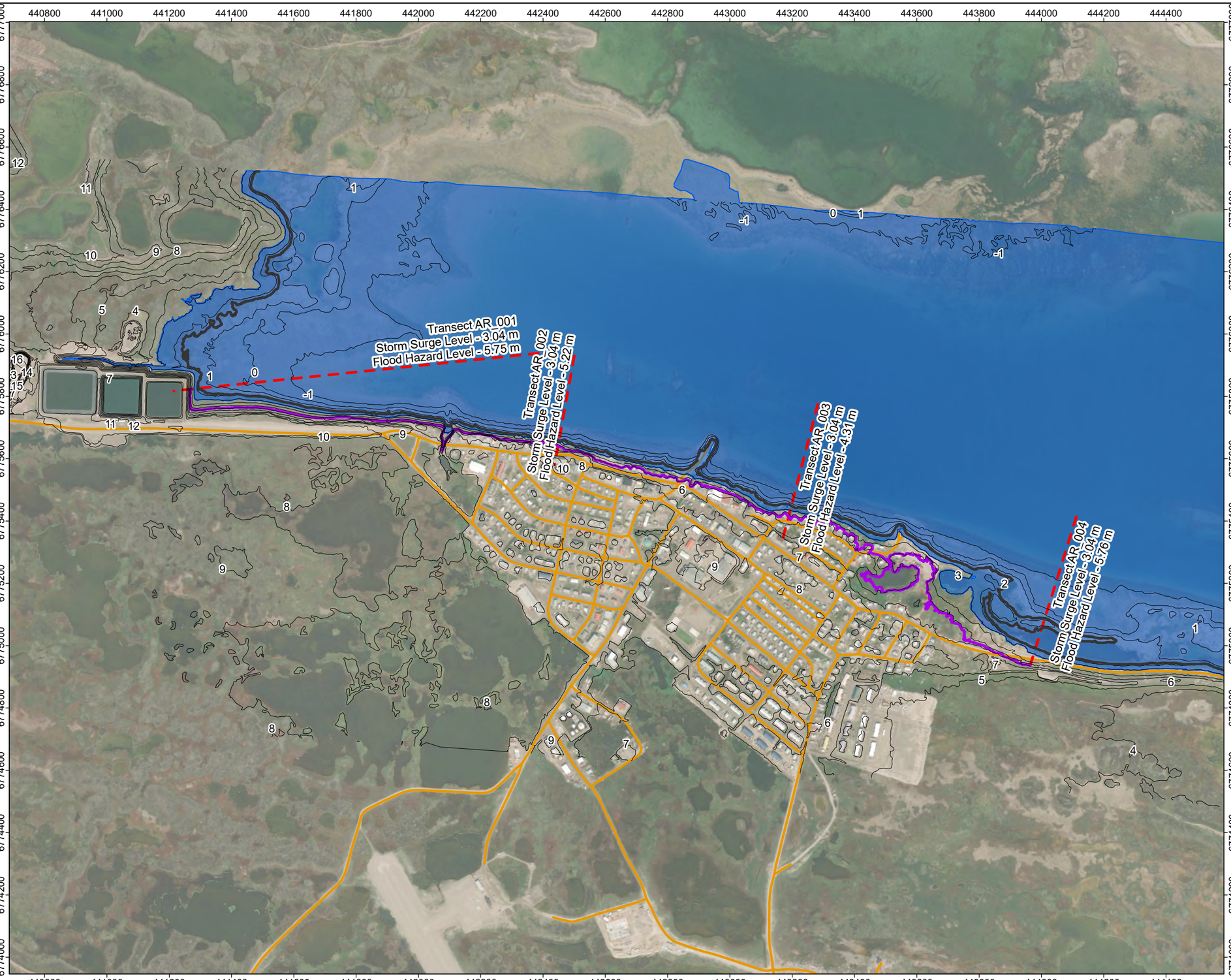
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Canada

Nunavut

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Figure No.

AR00-500yr

Title

Arviat - 500yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

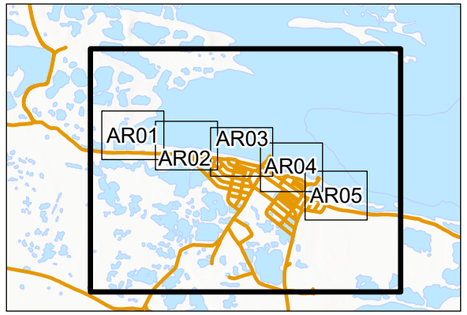
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N

0 200 400 Metres

(At original document size of 11x17)
1:12,500

- Modelling Transect
- HHWLT (1.67 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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2026-10-05
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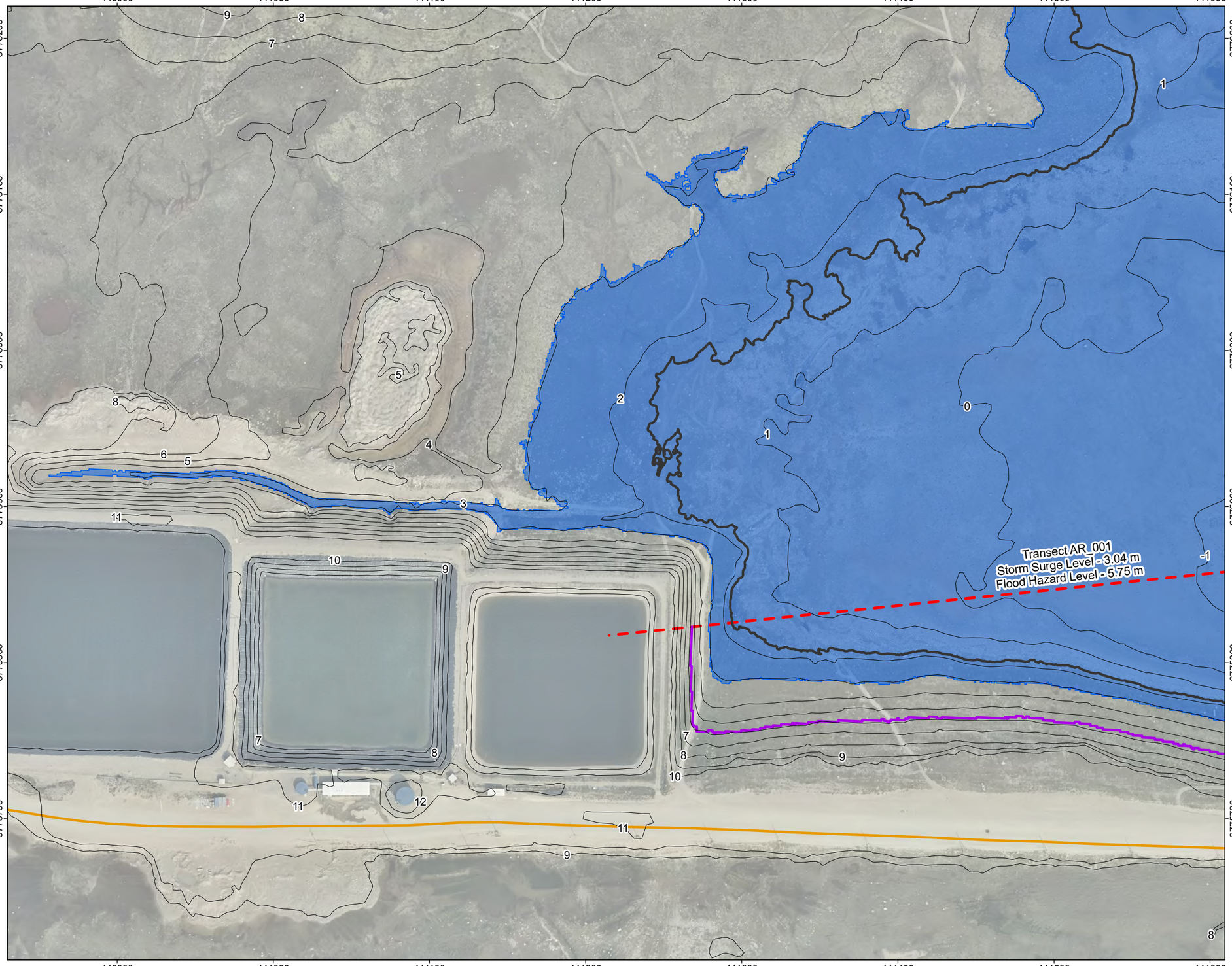
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STANTEC LIMITED

Figure No.

AR01-500yr

Title

Arviat - 500yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

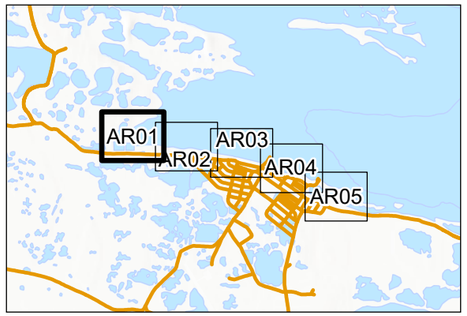
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0 50 100 Metres

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1:2,500

- Modelling Transect
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- 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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2026-10-05
NT/NU

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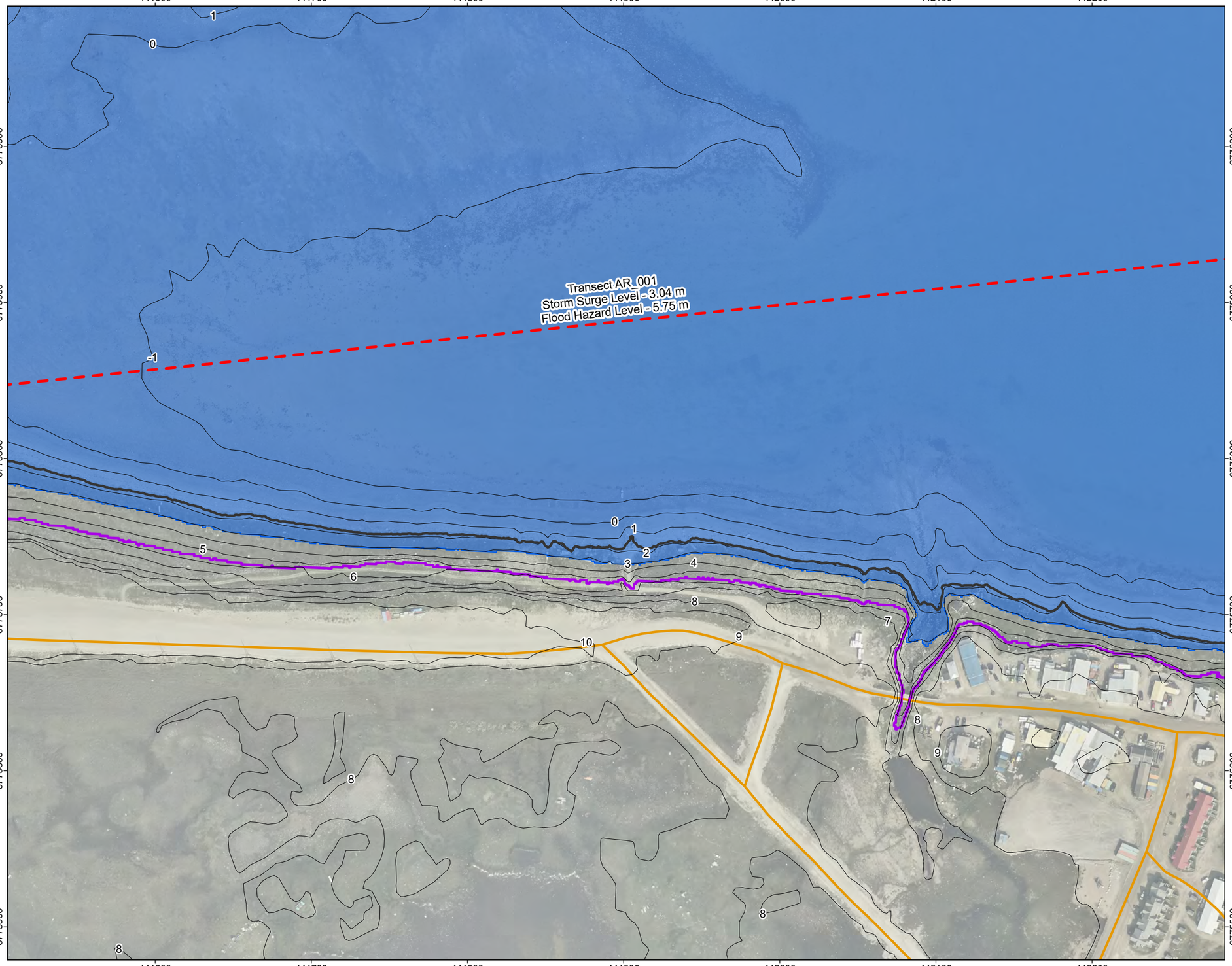
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Canada

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Figure No.

AR02-500yr

Title

Arviat - 500yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

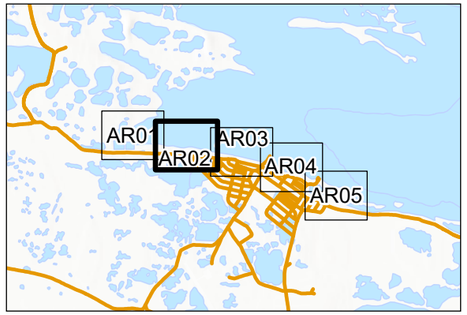
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- Storm Surge Level - 500 yr
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- Road



Notes

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Vertical Datum / Geoid Model: CGVD2013 / CGG2013a.
3. Data Sources: CANVEC 50k
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NUNAMI
STANTEC LIMITED

Figure No.

AR03-500yr

Title

Arviat - 500yr

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

Project Number: 160951868

Project Location
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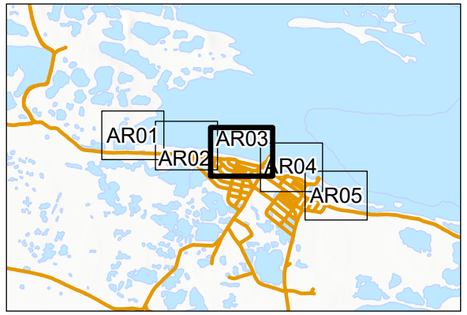
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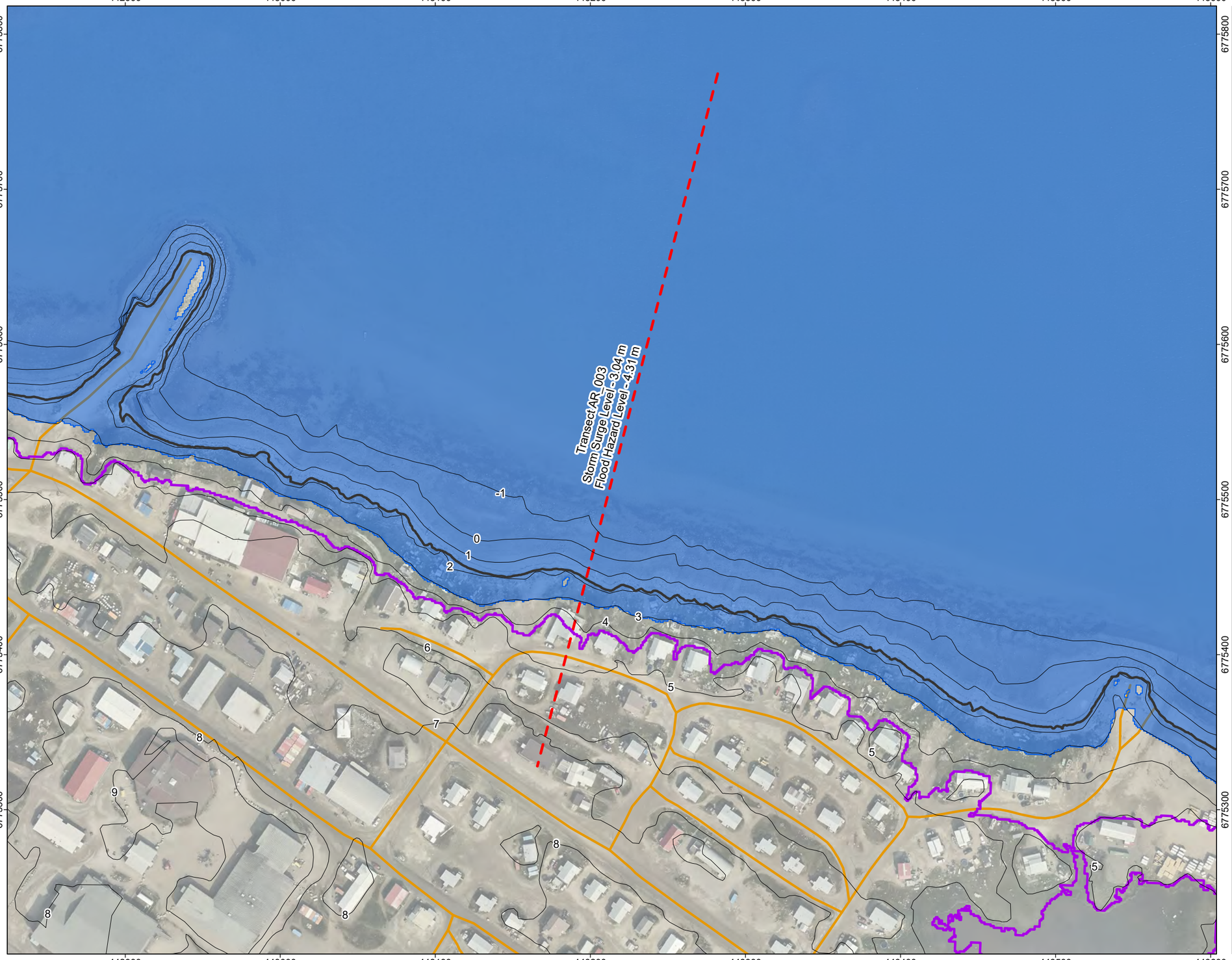
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Canada

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Figure No.

AR04-500yr

Title

Arviat - 500yr

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

Project Number: 160951868

Project Location
Arviat, Nunavut

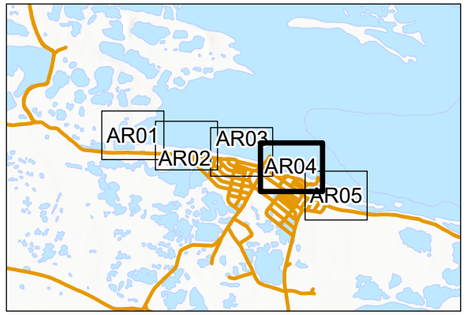
Prepared by MAINSLEY on 20260910
TR by HDASHTPEYMA on 20260910
IR by NKIMIAGHALAM on 20260910

N

0 50 100 Metres

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

- Modelling Transect
- HHWLT (1.67 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

REGISTERED PROFESSIONAL ENGINEER
H. DASHTPEYMA
P.Eng.
2026-10-05
NT/NU

PERMIT TO PRACTICE
NUNAMI STANTEC LTD.
Signature
Date October 5, 2026
PERMIT NUMBER: P 1117
NT/NU Association of Professional Engineers and Geoscientists

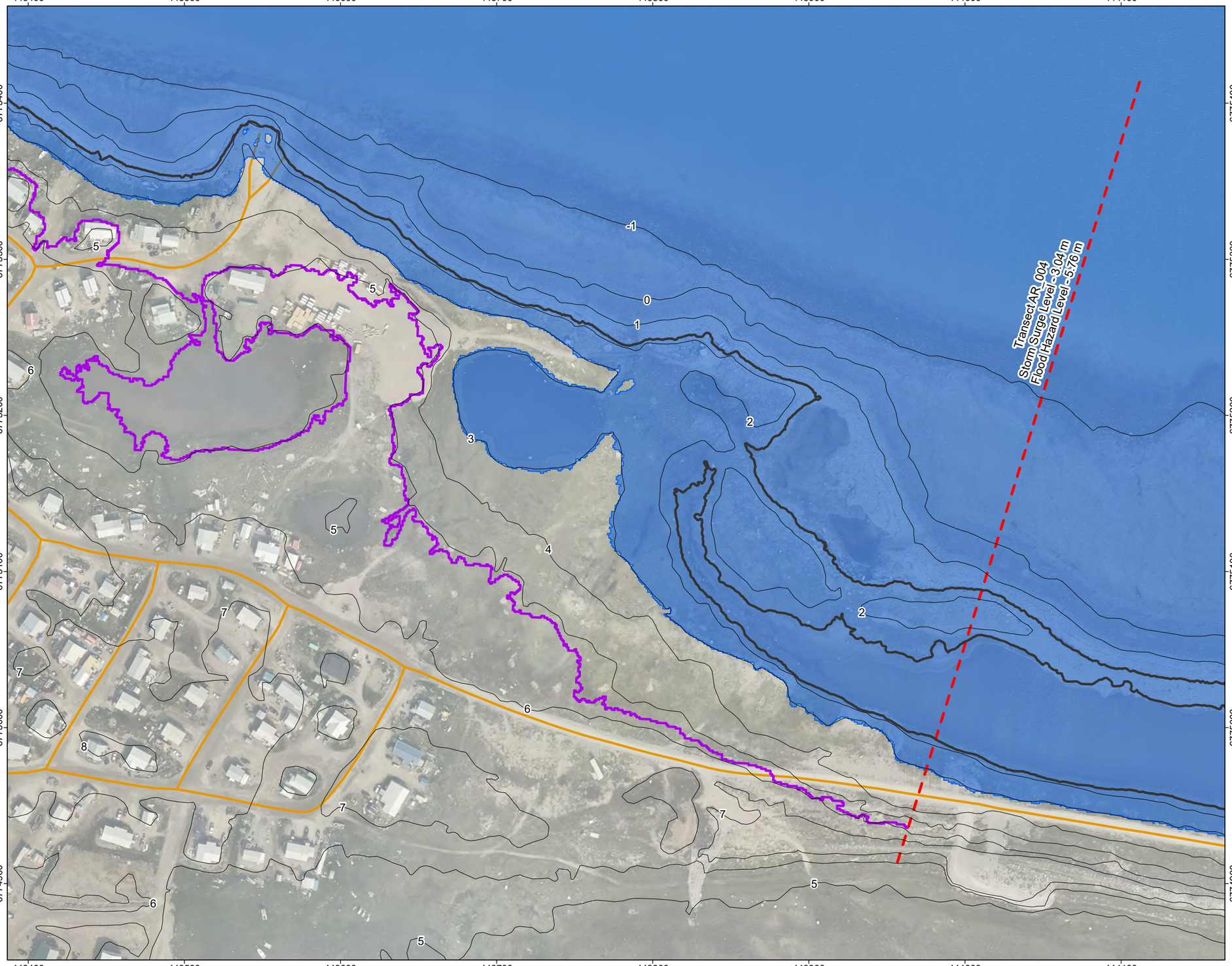
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Figure No.

AR05-500yr

Title

Arviat - 500yr

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

Project Number: 160951868

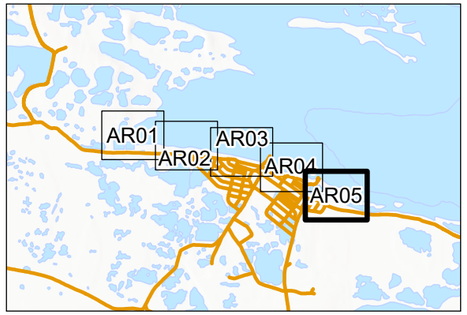
Project Location
Arviat, Nunavut

Prepared by MAINSLEY on 20260910
TR by HDASHTPEYMA on 20260910
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3. Data Sources: CANVEC 50k
4. Background: ESRI World Imagery, Eagle Mapping Orthoimagery

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