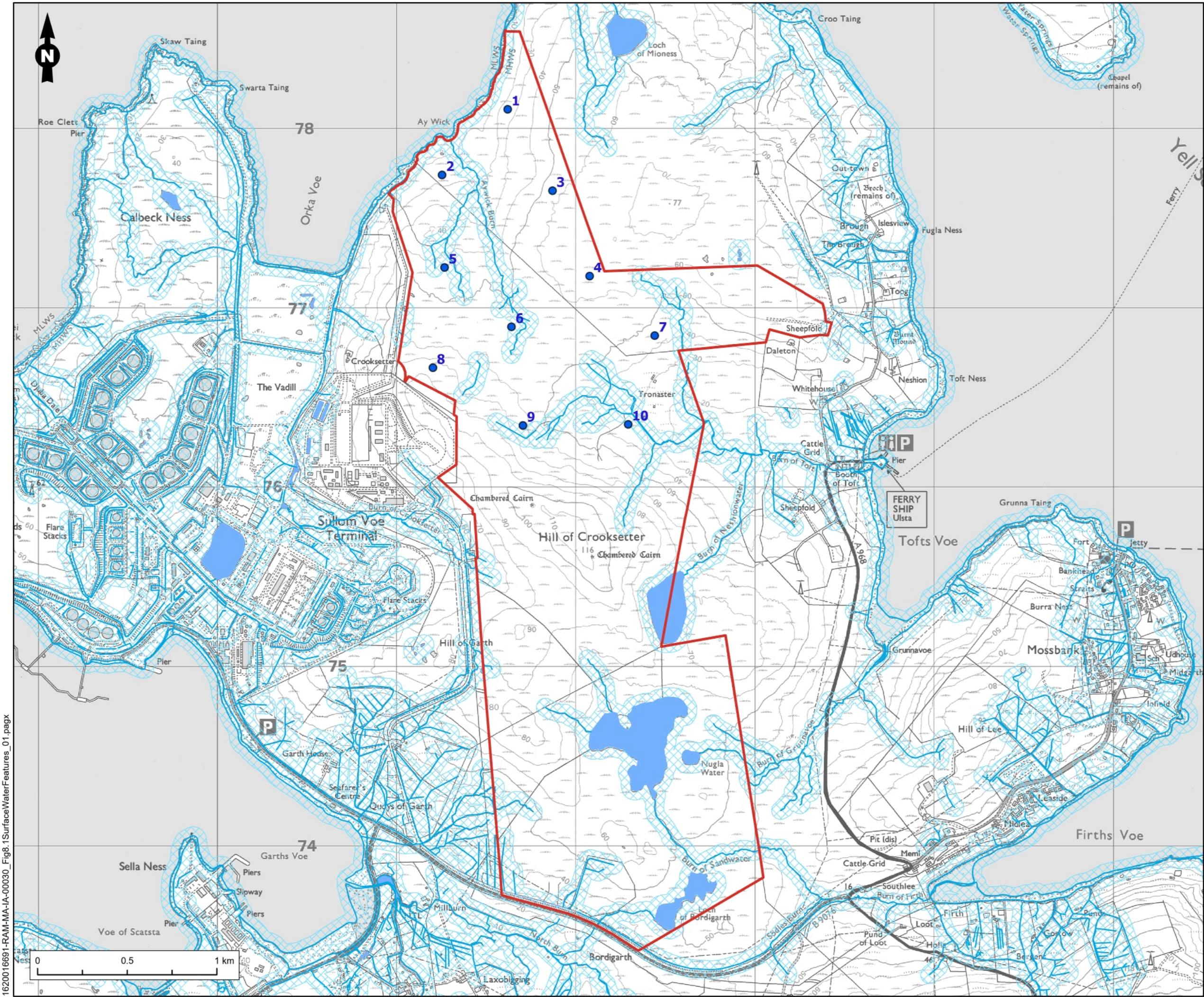




Legend

Site Boundary

Turbine Layout (Scoping)

Hydrology

Watercourse

Waterbody

Watercourse & Waterbody 50 m Buffer

Figure Title
Scoping Report - Surface Water Features

Project Name
Neshion Energy Park

Project No./Fility ID
1620016691 / REH2024N00248

Date
March 2025

Figure No.
8.1

Revision
1.0

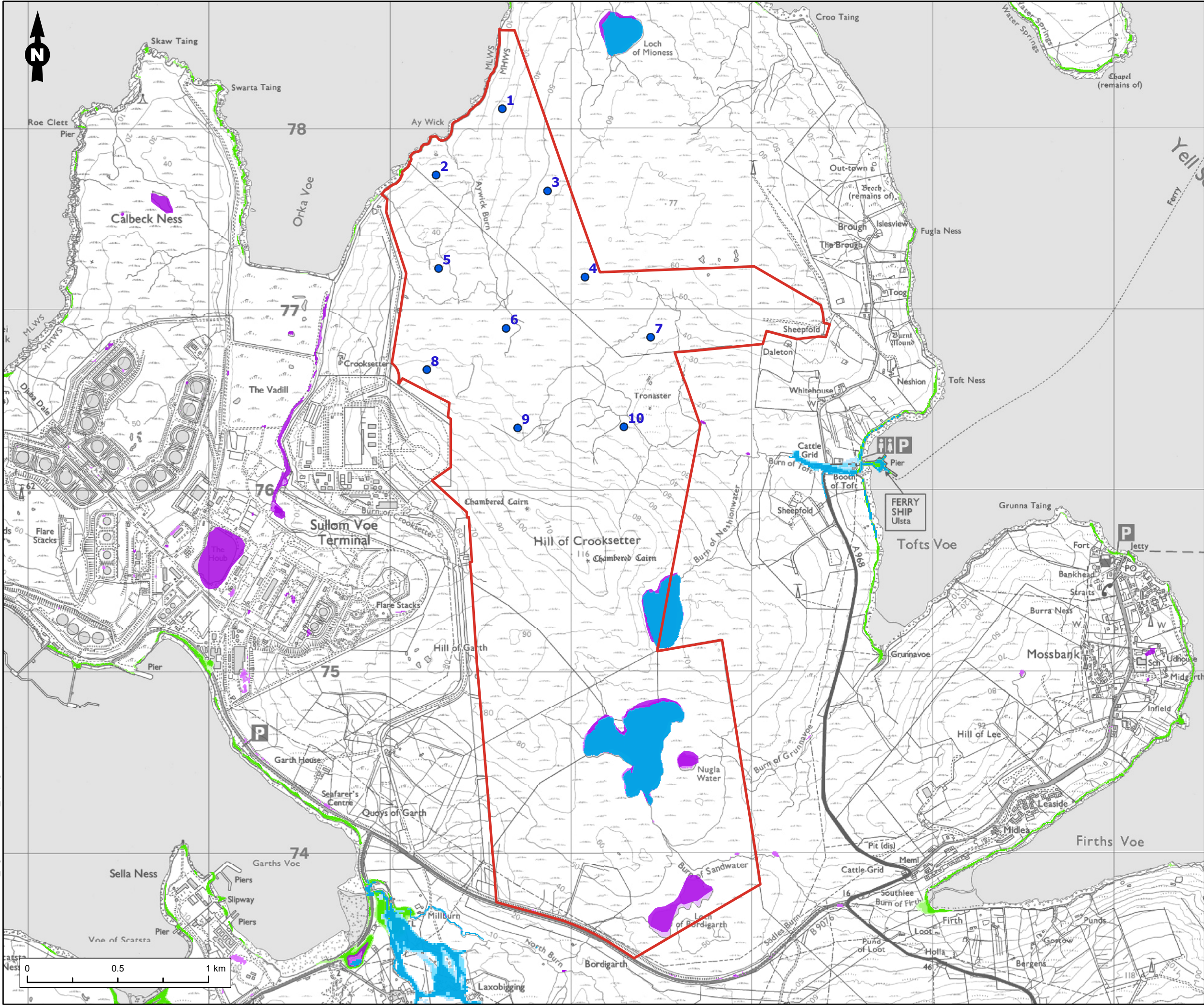
Prepared By
FN/LAM

Scale
1:20,000 @A3

Client
Neshion Ltd

RAMBOLL

1620016691-RAM-MA-IA-00030_Fig8.1SurfaceWaterFeatures_01.pagx



Legend

Site Boundary

Turbine Layout (Scoping)

River Flooding Likelihood

High

Medium

Low

Surface Flooding Likelihood

High

Medium

Low

Coastal Flooding Likelihood

High

Medium

Low

Figure Title

Scoping Report - Flood Risk

Project Name

Neshion Energy Park

Project No./Fily ID

1620016691 / REH2024N00248

Date

March 2025

Figure No.

8.2

Revision

1.0

Prepared By

FN/LAM

Scale

1:20,000 @A3

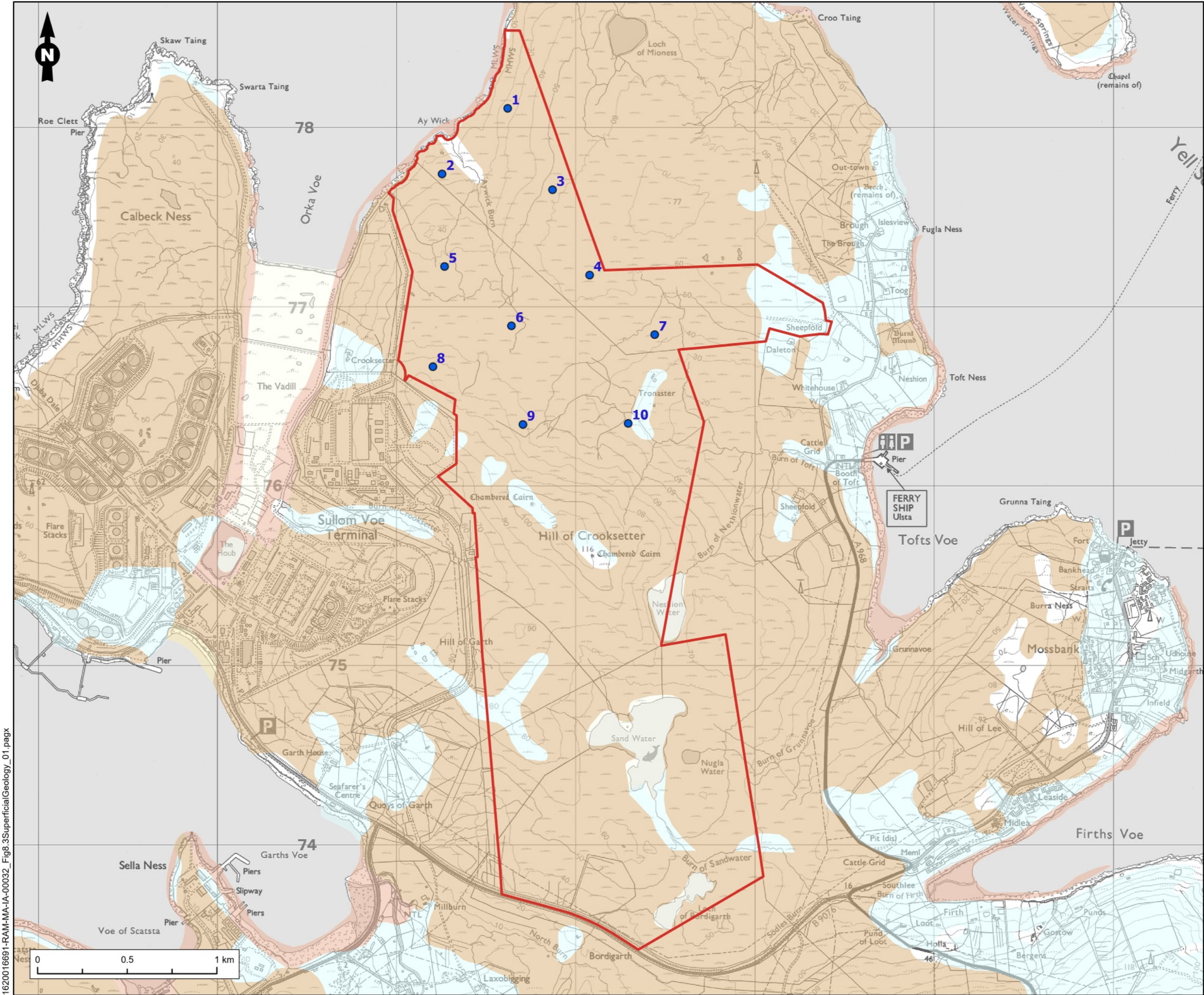
Client

Neshion Ltd

RAMBOLL

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Coordinate System: British National Grid. Projection: Transverse Mercator. Datum: OSGB 1936.



Legend

Site Boundary

Turbine Layout (Scoping)

Superficial Geology (BGS 50k)

Peat - Peat

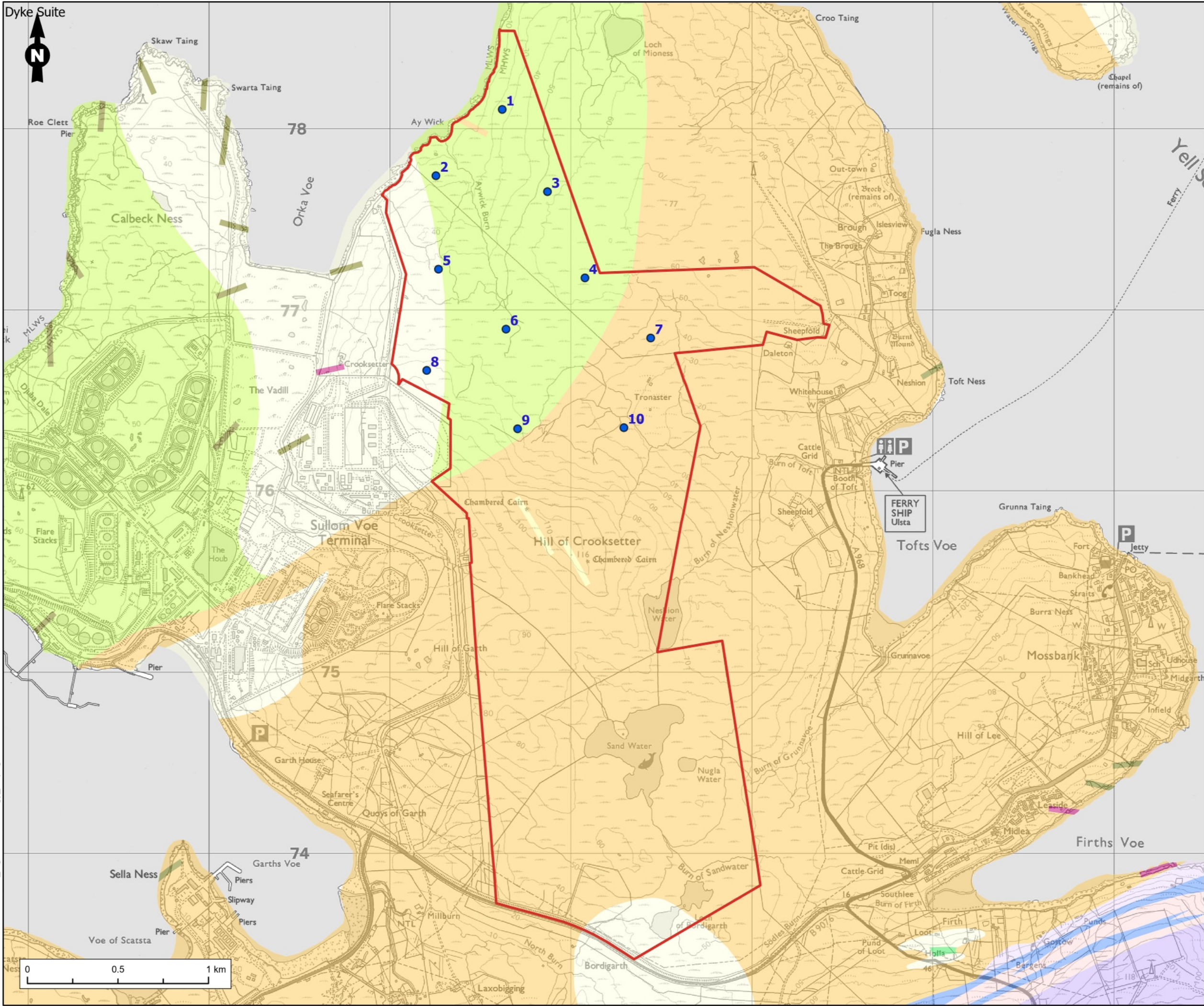
Till, Devensian / Glacial Deposits - Diamicton

Marine Beach Deposits - Gravel, Sand and Silt

Blown Sand - Sand

Figure Title		
Scoping Report - Superficial Geology		
Project Name		
Neshion Energy Park		
Project No./Filey ID		
1620016691 / REH2024N00248		
Date	Figure No.	Revision
March 2025	8.3	1.0
Prepared By	Scale	
FN/LAM	1:20,000 @A3	
Client		
Neshion Ltd		
		

1620016691-RAM-MA-IA-00032_Fig8.3SuperficialGeology_01.pagx



Legend

Site Boundary

Turbine Layout (Scoping)

Bedrock Geology (BGS 50k)

Graven Complex - Granodiorite

North Britain Siluro-devonian
Calc-alkaline Dyke Suite -
Lamprophyres

North Britain Siluro-devonian
Calc-alkaline Dyke Suite -
Microdiorite

North Britain Siluro-devonian
Calc-alkaline Dyke Suite - Quartz
(vein)

Neoproterozoic Metamorphosed
Mafic And Ultramafic Minor
Intrusion Suite Of Shetland

Yell Sound Psammite Formation
- Psammite and pelite

Yell Sound Psammite Formation
- Psammite, gneissose

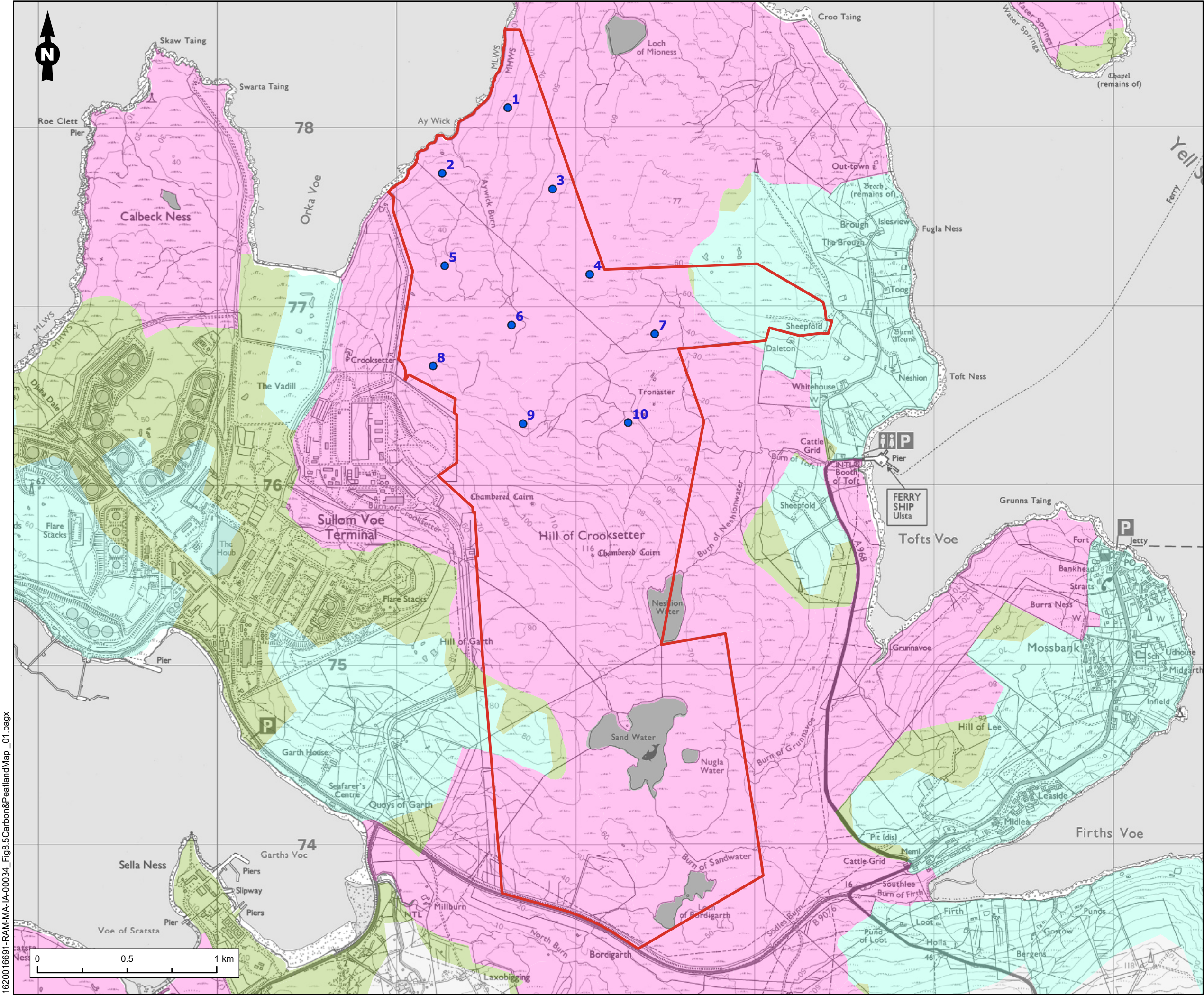
Boundary Zone Complex -
Gneissose semipelite and
gneissose psammite

Boundary Zone Complex - Pelite,
gneissose-muscovite-rich

Boundary Zone Complex -
Semipelite, gneissose

Scatsta Quartzitic Formation -
Pelite, semipelite and psammite

Figure Title		
Scoping Report - Solid Geology		
Project Name		
Neshion Energy Park		
Project No./Filyr ID		
1620016691 / REH2024N00248		
Date	Figure No.	Revision
March 2025	8.4	1.0
Prepared By	Scale	
FN/LAM	1:20,000 @A3	
Client		
Neshion Ltd		
		



Legend

Site Boundary

Turbine Layout (Scoping)

Carbon and Peatland Importance*

Unknown soil type

Mineral soils

Class 1

Class 4

Class 5

*Data extracted from Carbon and Peatland Map (2016) - Available at 'https://map.environment.gov.scot/Soil_maps/?layer=10'

Figure Title

Scoping Report - Carbon and Peatland Map

Project Name

Neshion Energy Park

Project No./Fily ID

1620016691 / REH2024N00248

Date

March 2025

Figure No.

8.5

Revision

1.0

Prepared By

FN/LAM

Scale

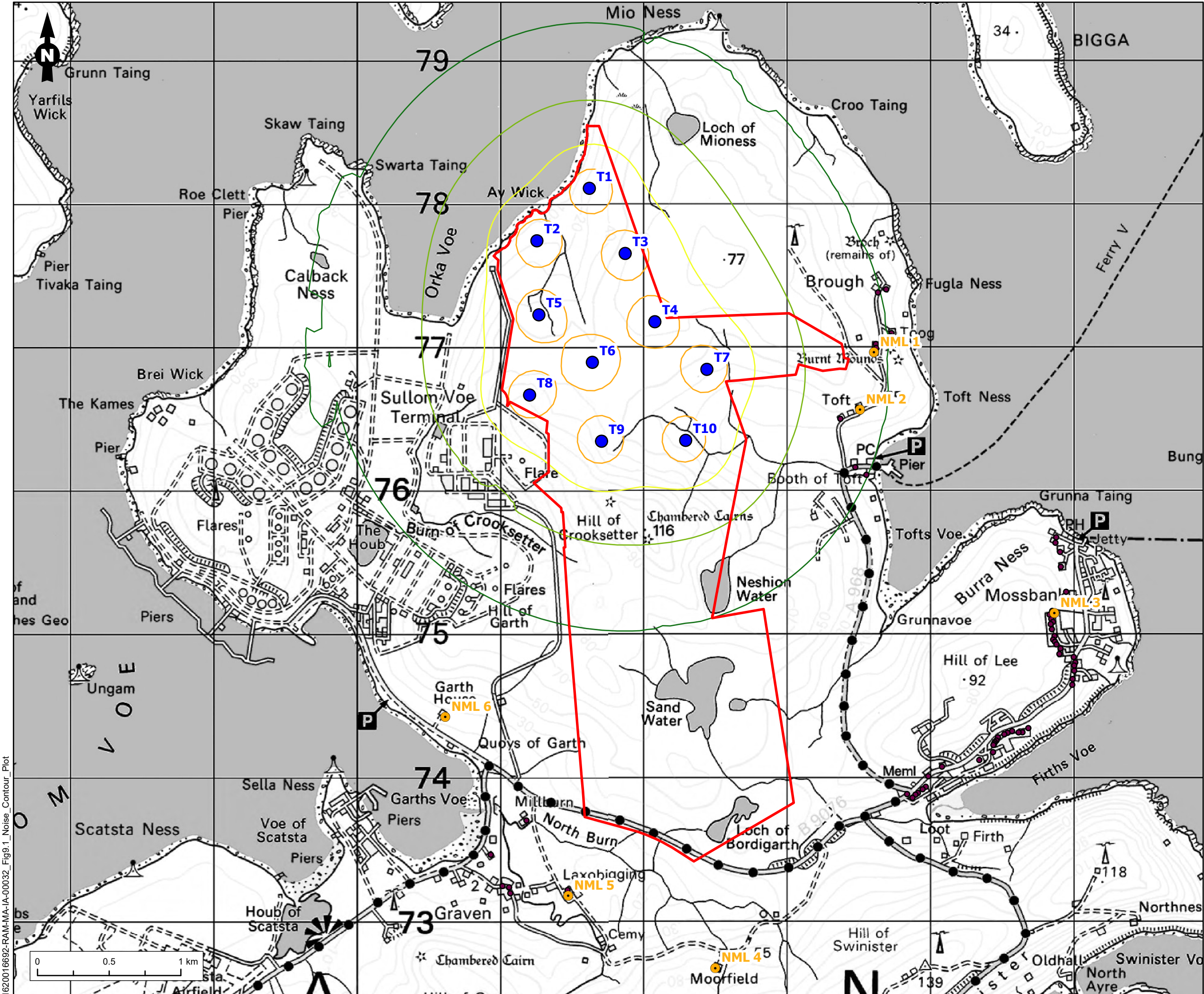
1:20,000 @A3

Client

Neshion Ltd

RAMBOLL

1620016691-RAM-MA-IA-00034_Fig8.5Carbon&PeatlandMap_01.pagx



Legend

- Turbine Layout (Scoping)
- Noise Monitoring locations (NMLs)
- Noise Sensitive Receptors (NSRs)
- Site Boundary

Predicted Noise Level (dBA, LA90)

- 35
- 40
- 45
- 50
- 55

Noise predictions have been undertaken using mixed ground (G=0.5) at a receiver height of 4 m above ground.

The contour plot models the highest noise output predicted between 0 and 12 m/s, as standardised to 10 m height wind speed.

Figure Title		
Scoping Report - Noise Contour Plot and Proposed Monitoring Locations		
Project Name		
Neshion Energy Park		
Project No./Filey ID		
1620016691 / REH2024N00248		
Date	Figure No.	Revision
March 2025	9.1	1.0
Prepared By	Scale	
MR	1:25,000 @A3	
Client		
Neshion Ltd		

1620016692-RAM-MA-IA-00032_Fig9.1_Noise_Contour_Plot