



Moyvannan Electricity Substation

Environmental Impact Assessment Report

Annex 7.1: Figures

Energia Renewables ROI Limited

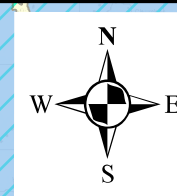
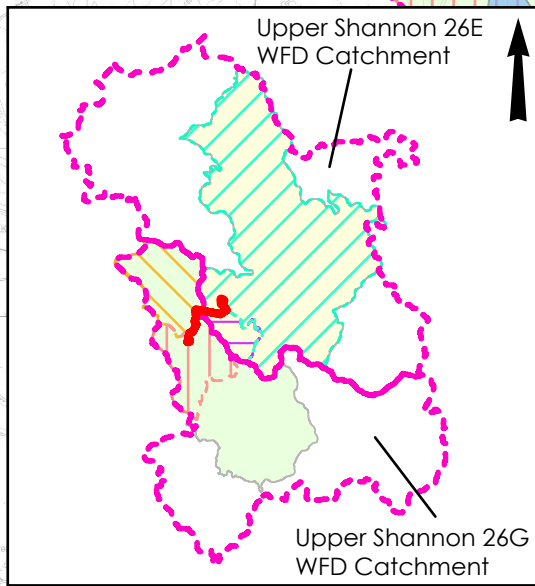
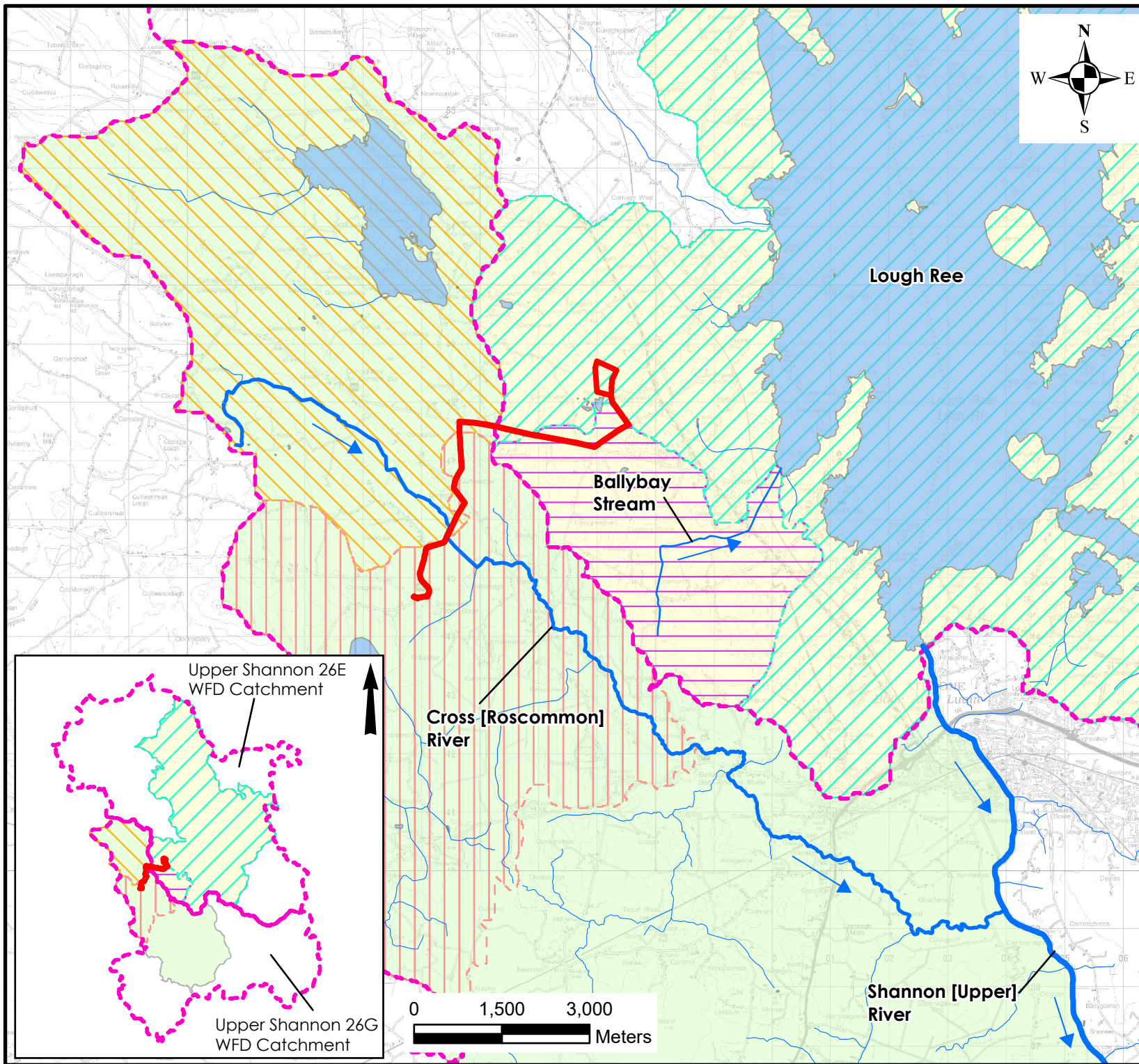
Galetech Energy Services

Clondargan, Stradone, Co. Cavan Ireland

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Legend

- Site Boundary
- Watercourses
- Lakes
- WFD Catchments
- WFD Subcatchments
 - Shannon[Upper]_SC_090
 - Shannon[Upper]_SC_100
- WFD River Sub-Basins
 - BALLYBAY_010
 - CROSS (ROSCOMMON)_010
 - CROSS (ROSCOMMON)_020
 - SHANNON (Upper)_110



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Client: Energia Renewables ROI Limited

Job: Moyvannan Electricity Substation,
Co. Roscommon

Title: Local Hydrology Map

Figure No: 7-1

Drawing No: P1500-4-0924-A4-701-00A

Sheet Size: A4

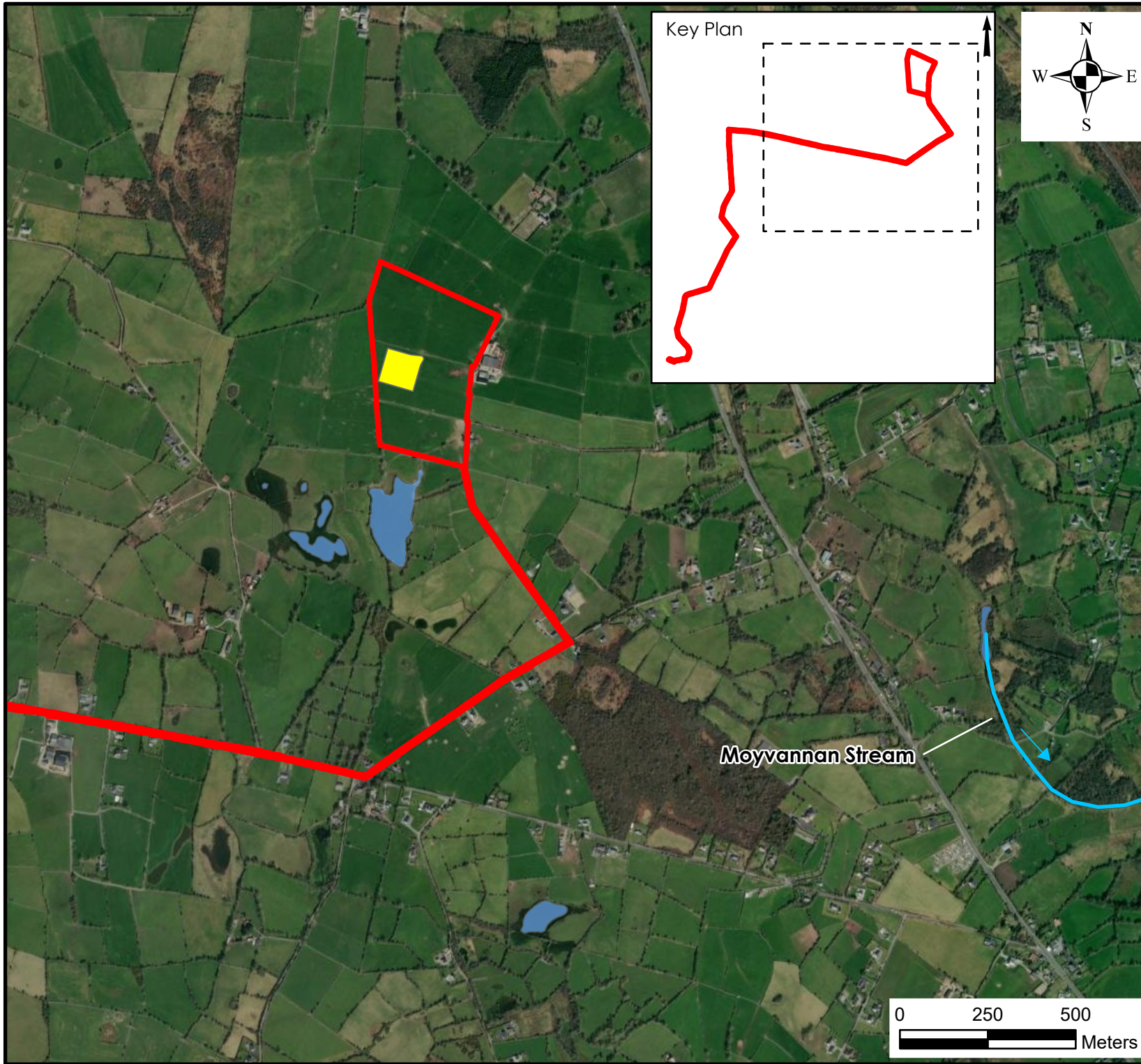
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Scale: 1:90,000

Drawn By: GA

Date: 19/09/2024

Checked By: MG



- Legend
- Site Boundary
 - Proposed Substation
 - Lakes
 - Watercourses

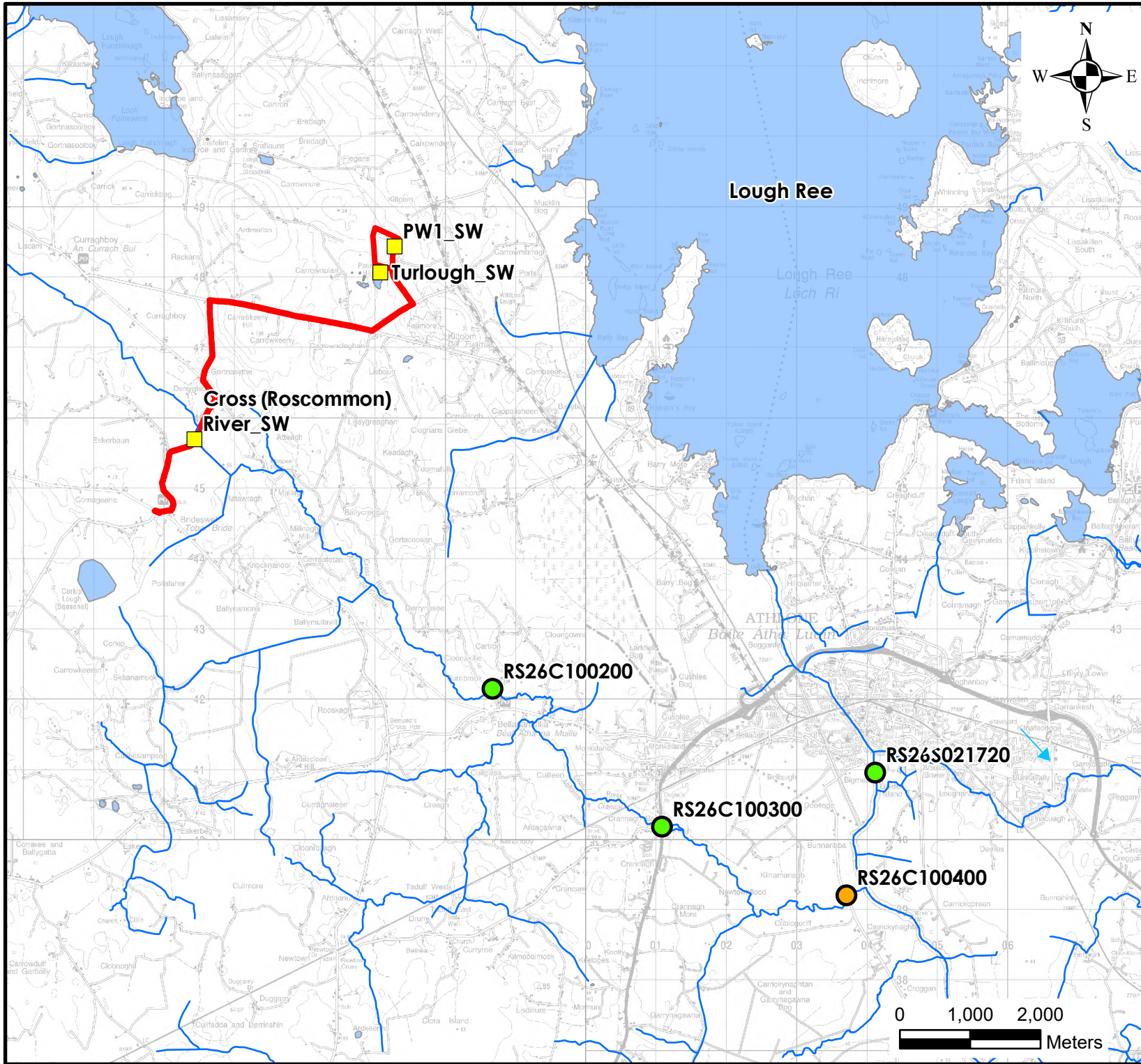


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




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Client: Energia Renewables ROI Limited	
Job: Moyvannan Electricity Substation, Co. Roscommon	
Title: Electricity Substation Site Drainage Map	
Figure No: 7-3	
Drawing No: P1500-4-0924-A4-703-00A	
Sheet Size: A4	Project No: P1500-4
Scale: 1:15,000	Drawn By: GA
Date: 19/09/2024	Checked By: MG



Legend

-  Site Boundary
-  Lakes
-  Watercourses
-  HES Surface Water Sampling Locations
- EPA Monitoring Locations**
 -  Q4 (Good)
 -  Q3 (Poor)



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Job: Moyvannan Electricity Substation,
Co. Roscommon

Title: EPA Monitoring Stations
and HES SW Samples Map

Figure No: 7-4

Drawing No: P1500-4-0924-A4-704-00A

Sheet Size: A4

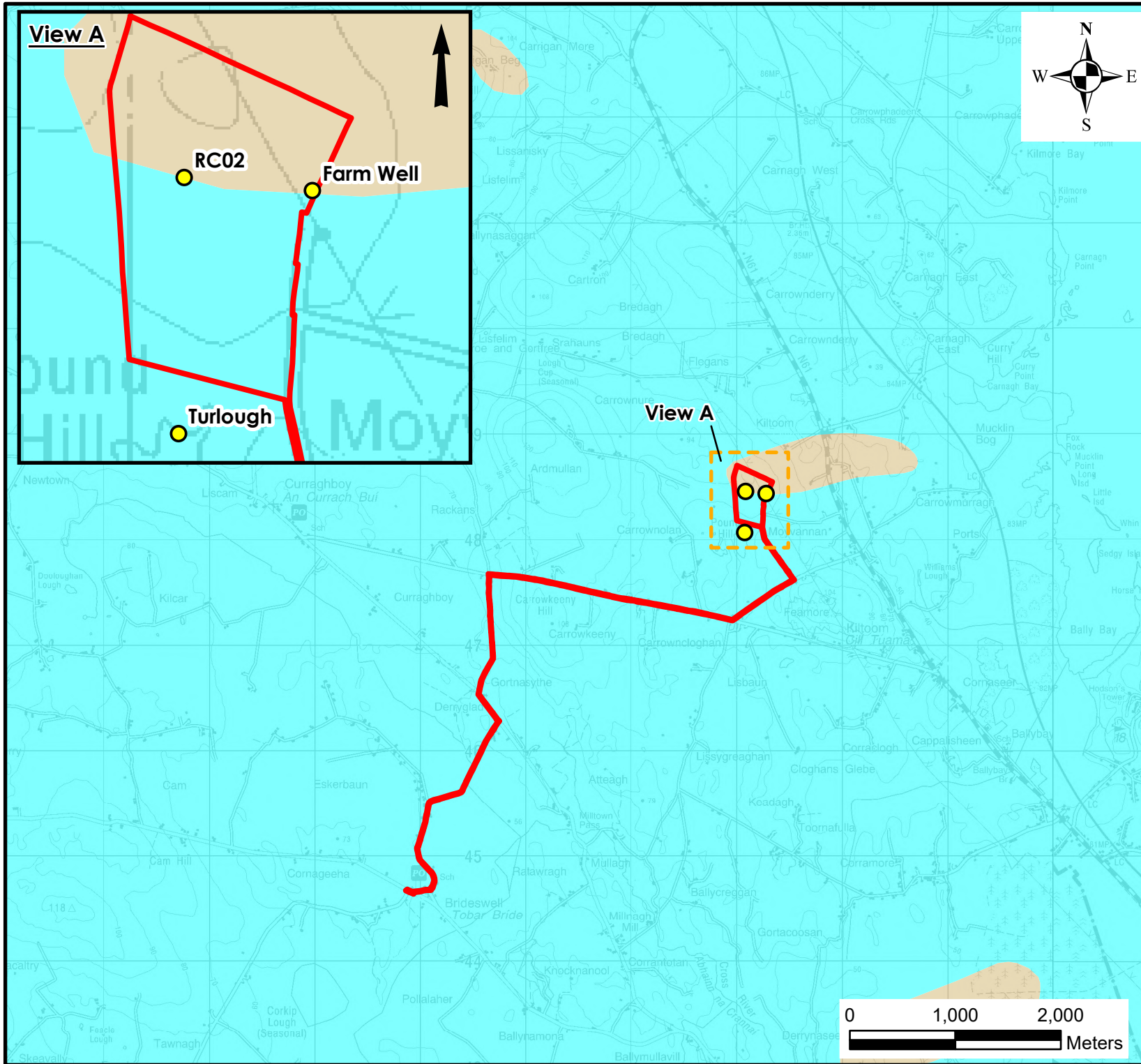
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Date: 19/09/2024

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Legend

-  Site Boundary
-  Water Level Monitoring Locations
-  Mapped Faults
- Aquifer**
 -  Rkc - Regionally Important Aquifer - Karstified (conduit)
 -  LI - Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones



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Co. Roscommon

Title: Local Bedrock Aquifer Map

Figure No: 7-5

Drawing No: P1500-4-0924-A4-705-00A

Sheet Size: A4

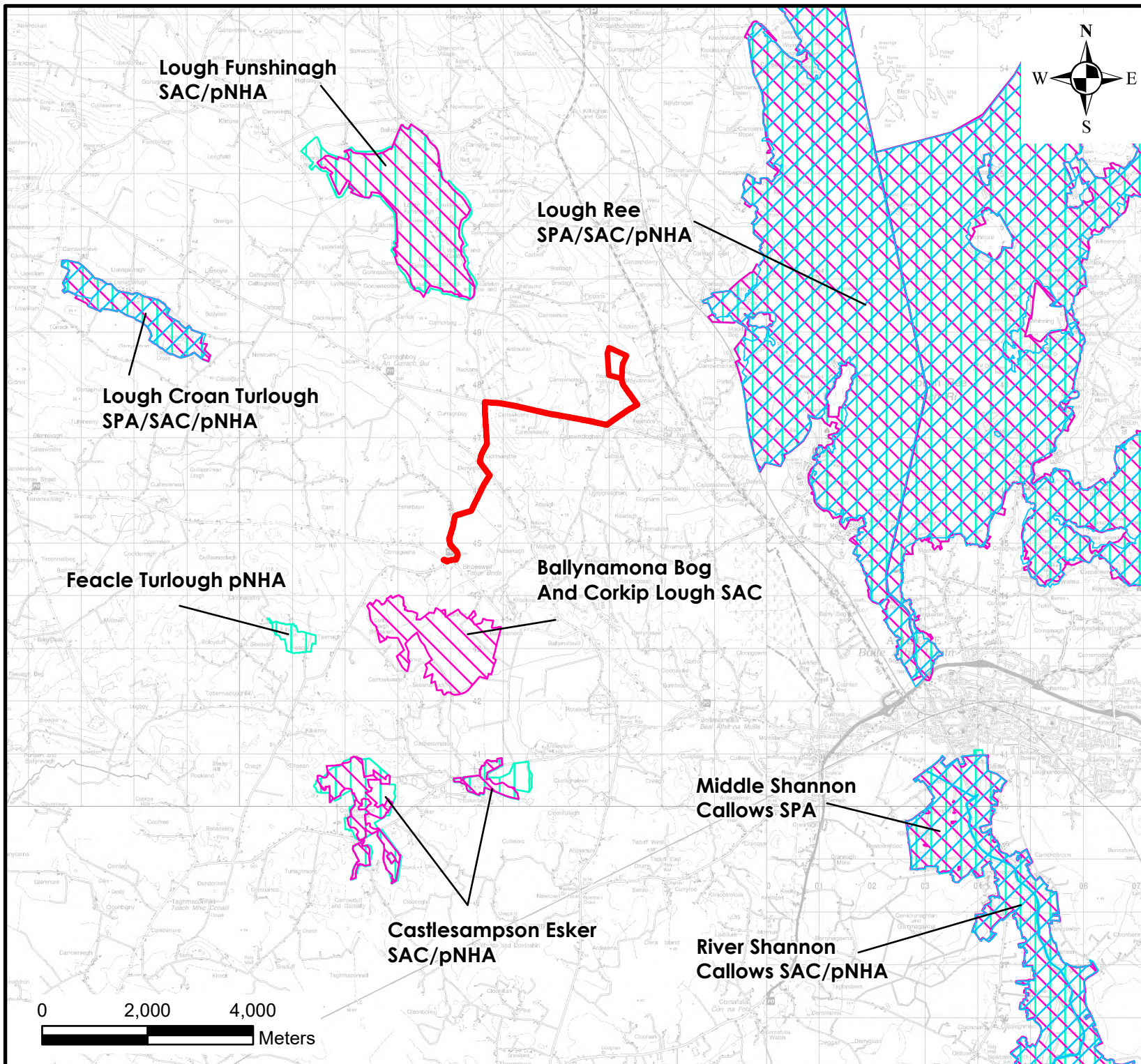
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Client: Energia Renewables ROI Limited

Job: Moyvannan Electricity Substation,
Co. Roscommon

Title: Designated Sites Map

Figure No: 7-7

Drawing No: P1500-4-0924-A4-707-00A

Sheet Size: A4

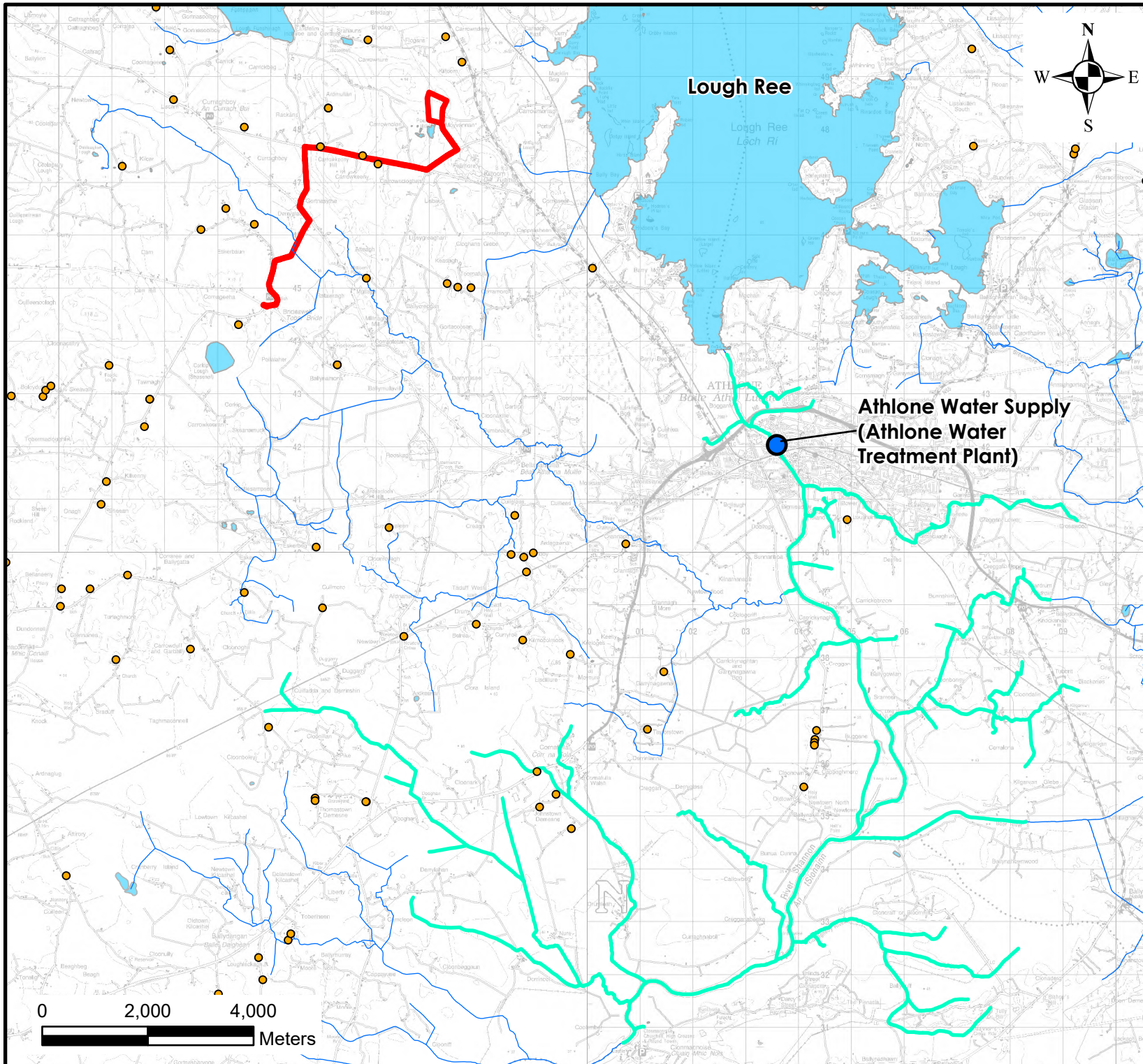
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Legend

-  Site Boundary
-  Watercourses
-  Lakes
-  GSI Mapped Wells (accuracy 1-50m)
- Drinking Water Protected Area (DWPA)**
 -  Athlone Water Supply (Athlone Water Treatment Plant)
- Article 7 Abstraction for Drinking Water**
 -  SHANNON (Upper)_120



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Title: Local GW Wells and Source
Protection Areas Map

Figure No: 7-8

Drawing No: P1500-4-0924-A4-708-00A

Sheet Size: A4

Project No: P1500-4

Scale: 1:100,000

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