

Legend:

- Application Boundary
- Ownership Boundary
- EPA River Network
- SAC_ITM_2019_12
- SPA_ITM_2019_12
- NHA_ITM_2019_06
- pNHA_ITM_2015_11

Q Rating Stations

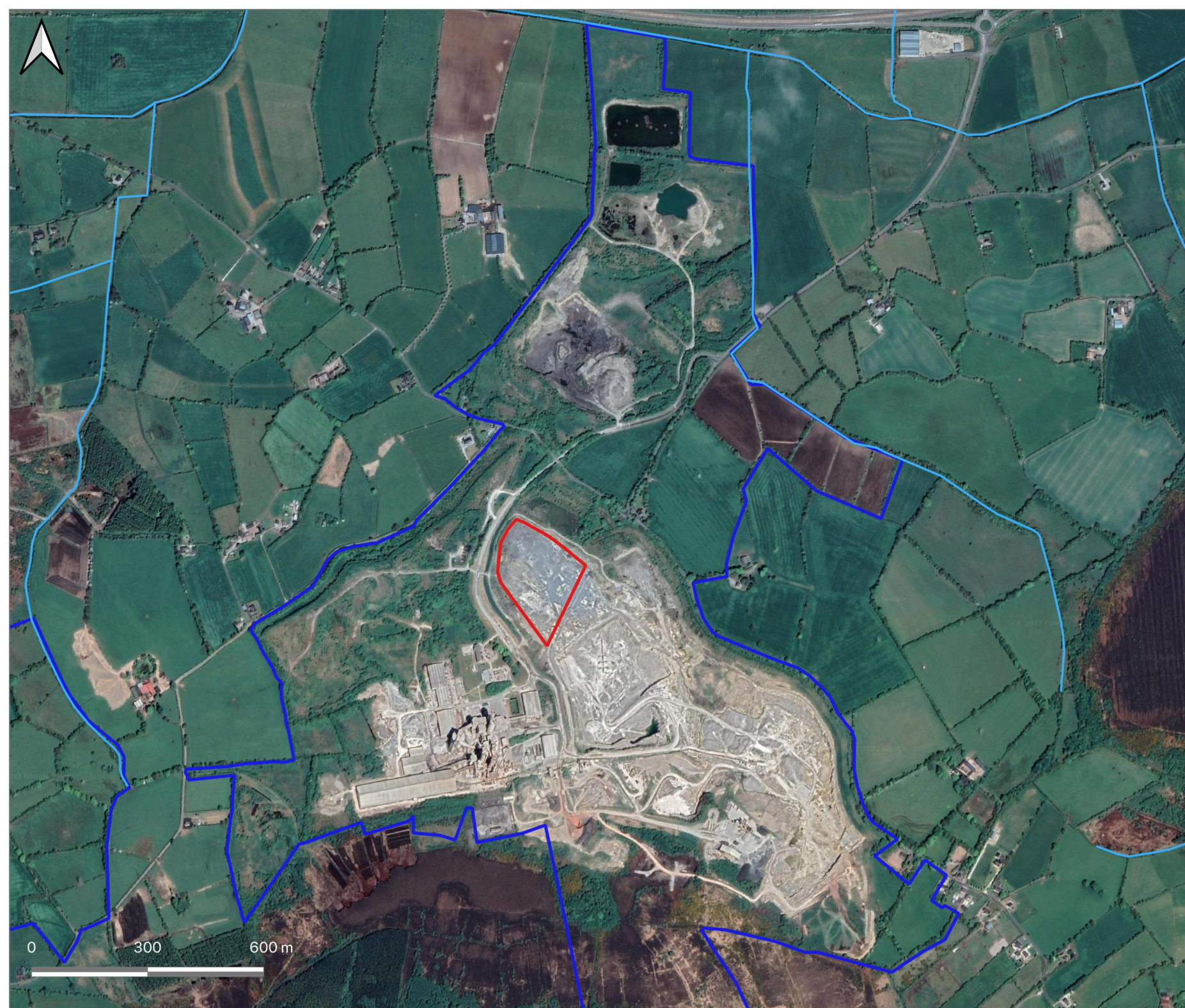
- 3
- 3-4
- 4

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Figure 8.1: Site Location

Date:	July 2022
Project:	21-P30/1970
Author:	COR
Scale:	1: 60,000 @ A4
Client:	Breedon Cement Ireland
Project:	EIAR Chapter: Water
Location:	Killaskillen, Kinnegad, Co. Meath

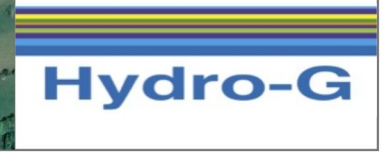




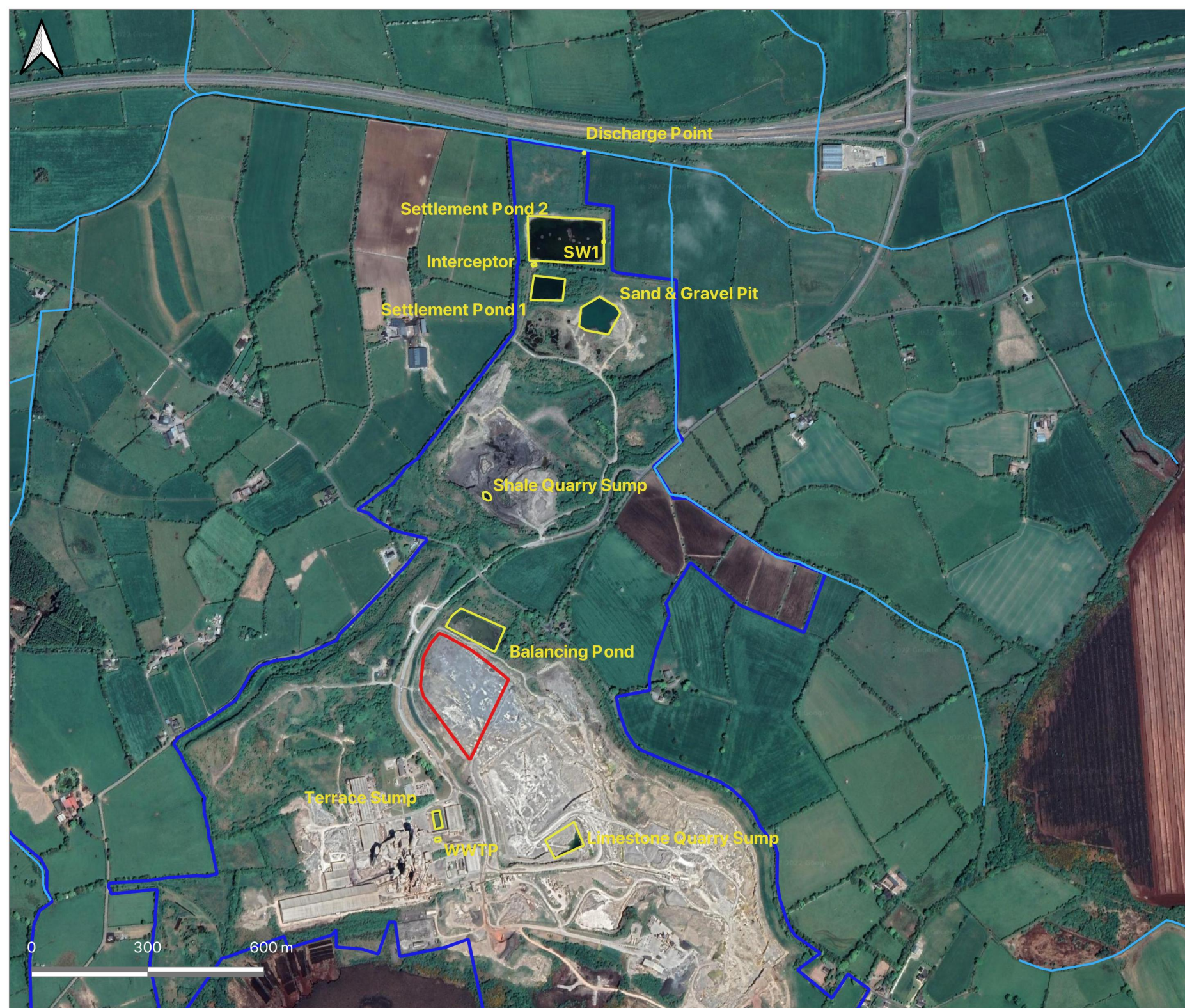
- Legend:
- Ownership Boundary
 - Application Boundary
 - EPA River Network

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Figure 8.2: Planning Context	
Date:	July 2022
Project:	21-P30/1970
Author:	COR
Scale:	1: 12,500 @ A4
Client:	Breedon Cement Ireland
Project:	EIAR Chapter: Water
Location:	Killaskillen, Kinnegad, Co. Meath



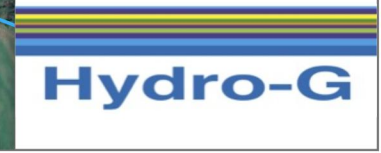
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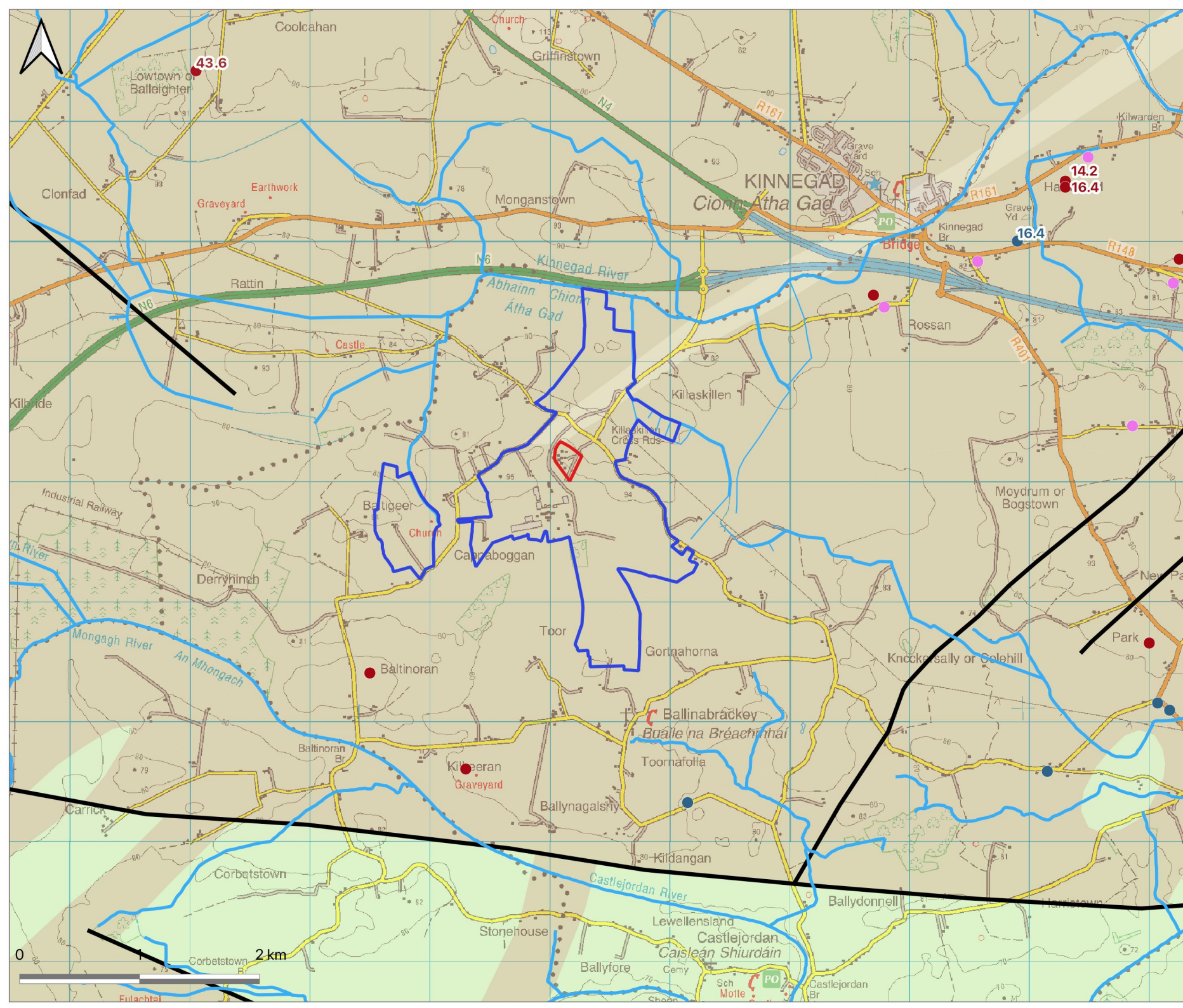


- Legend:
- Ownership Boundary
 - Application Boundary
 - Site Water Management Features
 - EPA River Network

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Figure 8.3: Site Water Management	
Date:	July 2022
Project:	21-P30/1970
Author:	COR
Scale:	1: 12,500 @ A4
Client:	Breedon Cement Ireland
Project:	EIAR Chapter: Water
Location:	Killaskillen, Kinnegad, Co. Meath





Legend:

- Ownership Boundary
- Application Boundary
- EPA River Network
- Drainage Networks

Bedrock Aquifer

- Locally important, moderately productive only in local zones (LI)
- Locally important, moderately productive (Lm)
- Poor, unproductive except for local zones (PI)

Structural Faulting

- Structural Faulting

GSI Well Yield, Accuracy 501-1000m

-

GSI Well Yield, Accuracy 51-500m

-

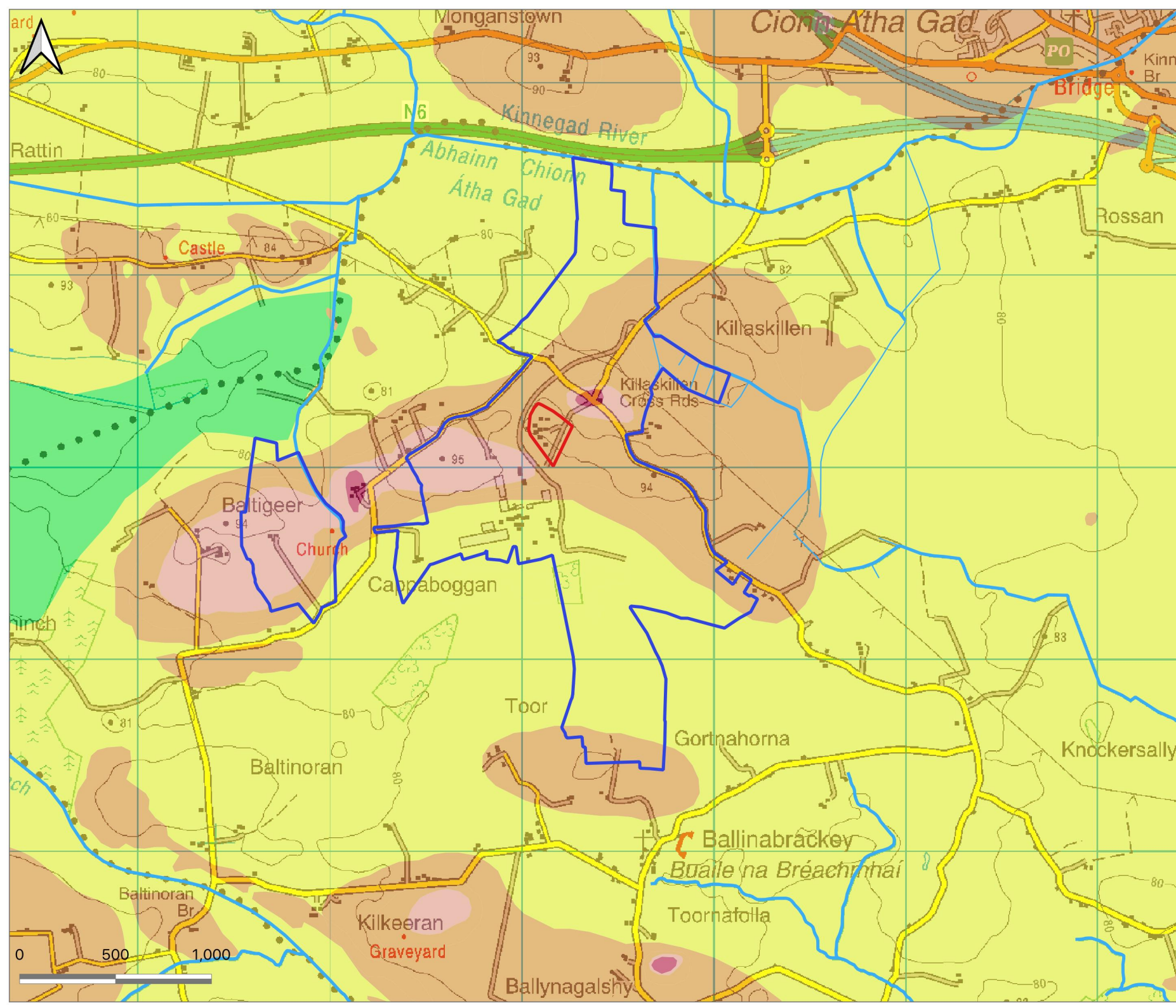
GSI Well Yield, Accuracy 1-50m

-

Figure 8.4: Aquifer & GSI Wells Yields

Date:	July 2022
Project:	21-P30/1970
Author:	COR
Scale:	1: 40,000
Client:	Breedon Cement Ireland
Project:	EIAR Chapter: Water
Location:	Killaskillen, Kinnegad, Co. Meath





Legend:

- Ownership Boundary
- Application Boundary
- EPA River Network
- Drainage Networks

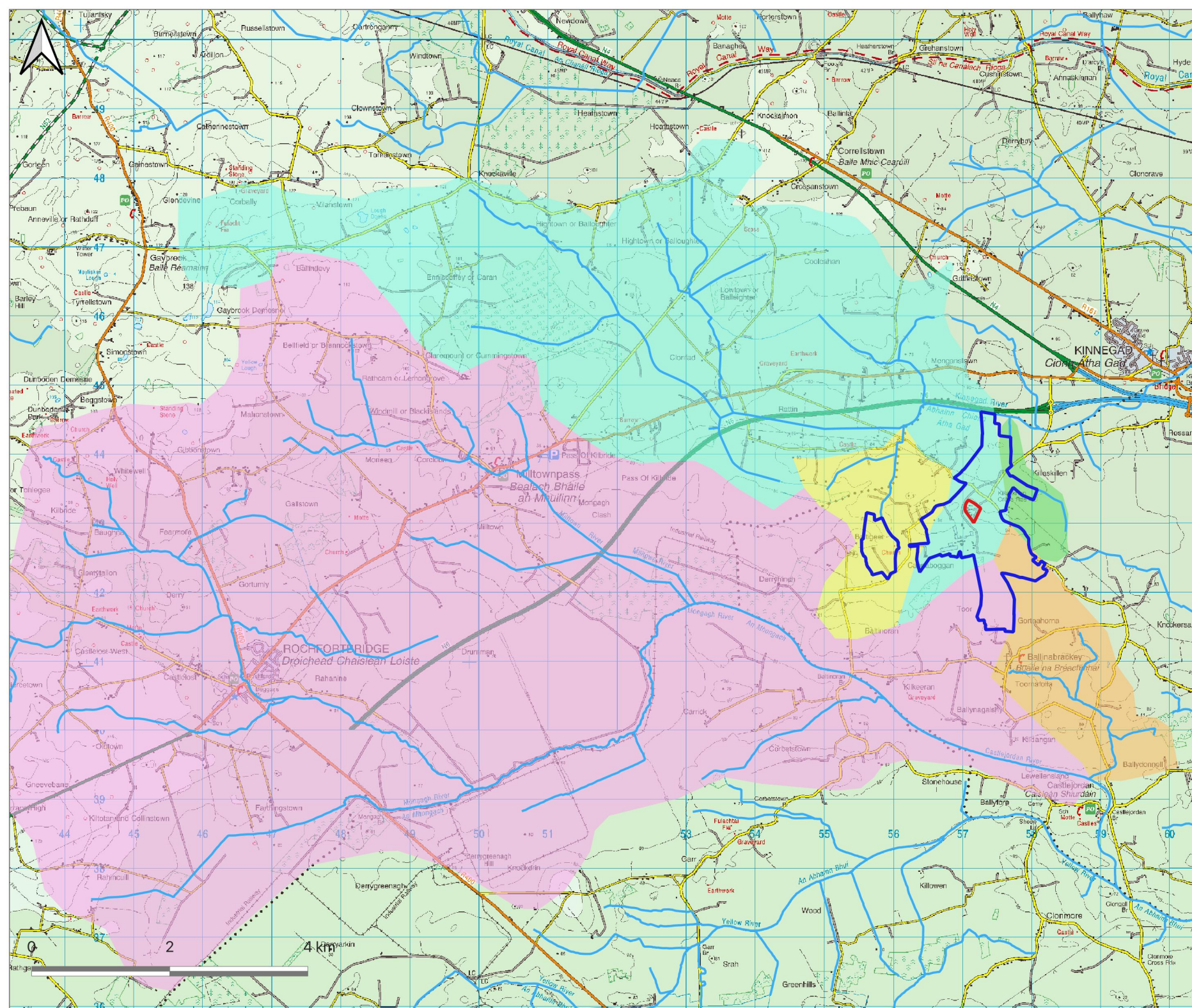
Vulnerability

- Extreme (X)
- Extreme (E)
- High (H)
- Moderate (M)
- Low (L)

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Figure 8.5: Groundwater Vulnerability	
Date:	July 2022
Project:	21-P30/1970
Author:	COR
Scale:	1: 25,000
Client:	Lagan
Project:	EIAR Chapter: Water
Location:	Killaskillen, Kinnegad, Co. Meath





Legend:

- Application Boundary
- Ownership Boundary
- EPA River Network

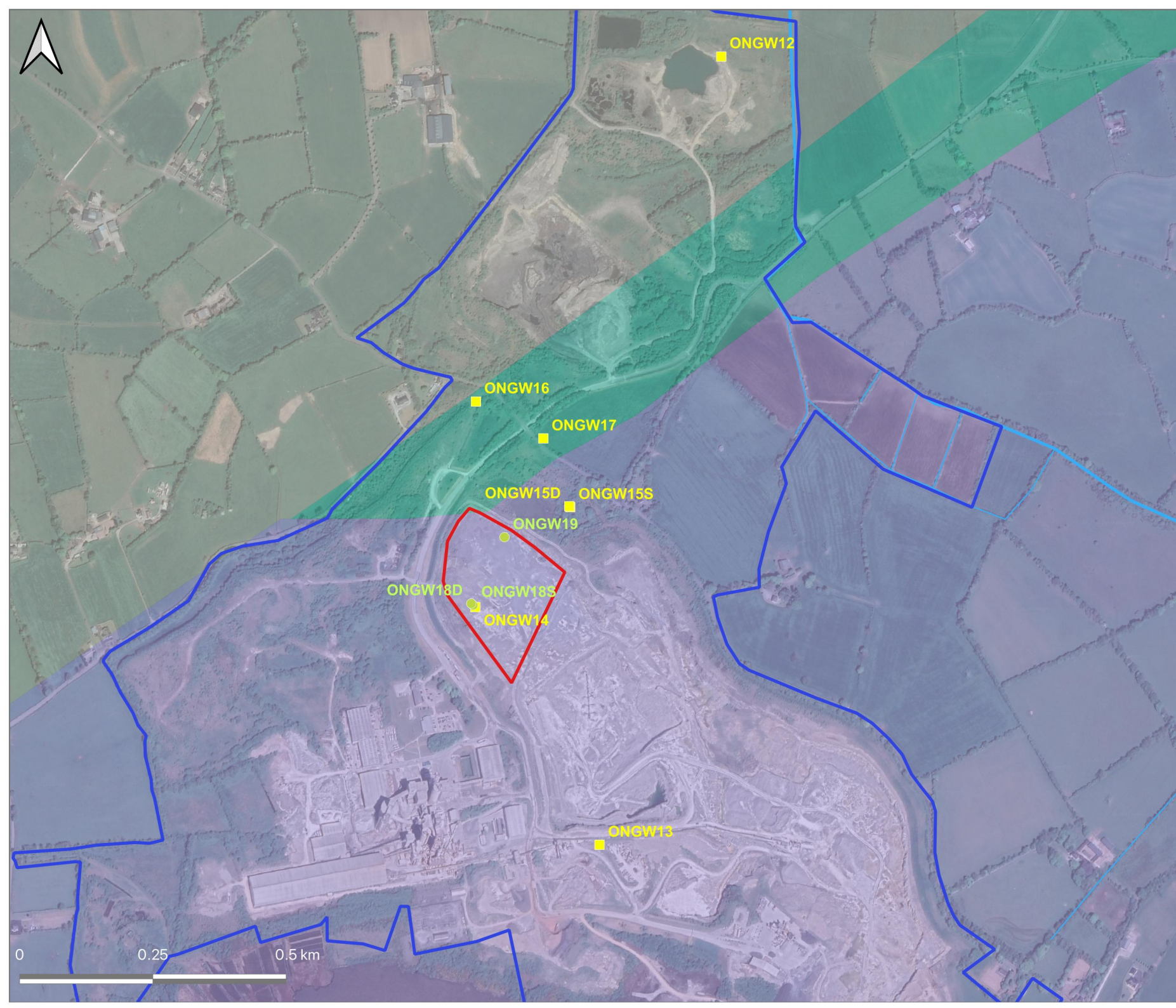
Catchment

- Kinnegad River
- Castlejordan River
- Baltigeer Stream
- Killaskillen Stream
- Lewellensland Stream

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Fig. 8.6:	Catchment Map
Date:	July 2022
Project:	21-P30/1970
Author:	COR
Scale:	1: 60,000 @ A4
Client:	Bredon Cement Ireland
Project:	EIAR Chapter: Water
Location:	Killaskillen, Kinnegad, Co. Meath





Legend:

- Ownership Boundary
- Application Site
- Monitoring Wells 2021
- Pumping Test Wells 2022

Bedrock Units

- Lucan Formation
- Tober Colleen Formation
- Waulsortian Limestones

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Fig. 8.7:	GW Level Monitoring Wells
Date:	July 2022
Project:	21-P30/1970
Author:	COR
Scale:	1: 9,000
Client:	Breedon Cement Ireland
Project:	EIAR Chapter: Water
Location:	Killaskillen, Kinnegad, Co. Meath





Legend:

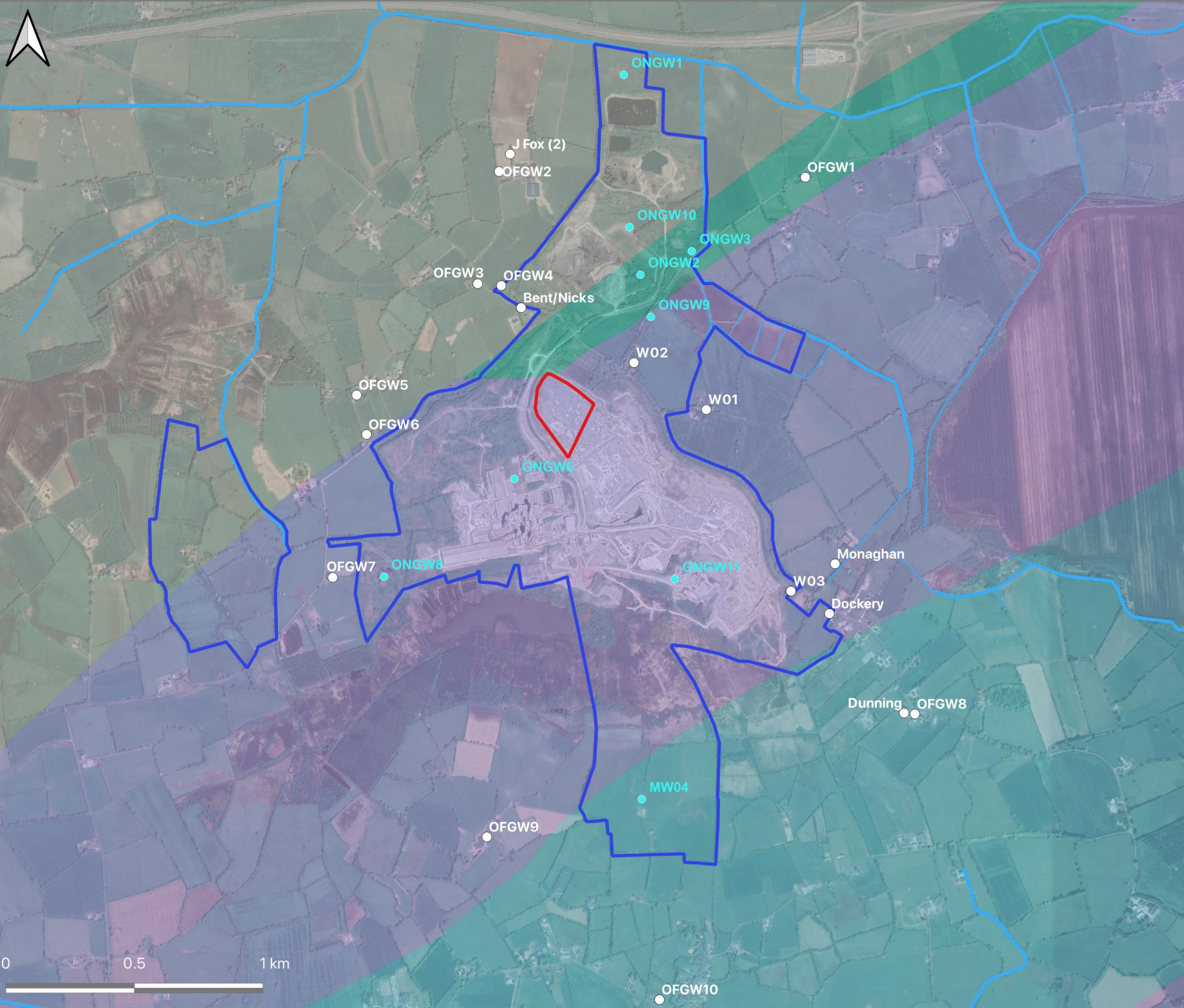
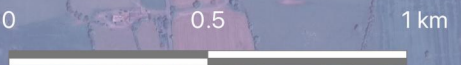
- Ownership Boundary
- Application Boundary
- Off Site Groundwater Level Monitoring Points
- On Site Groundwater Levels Monitoring Points
- EPA River Network
- Drainage Networks

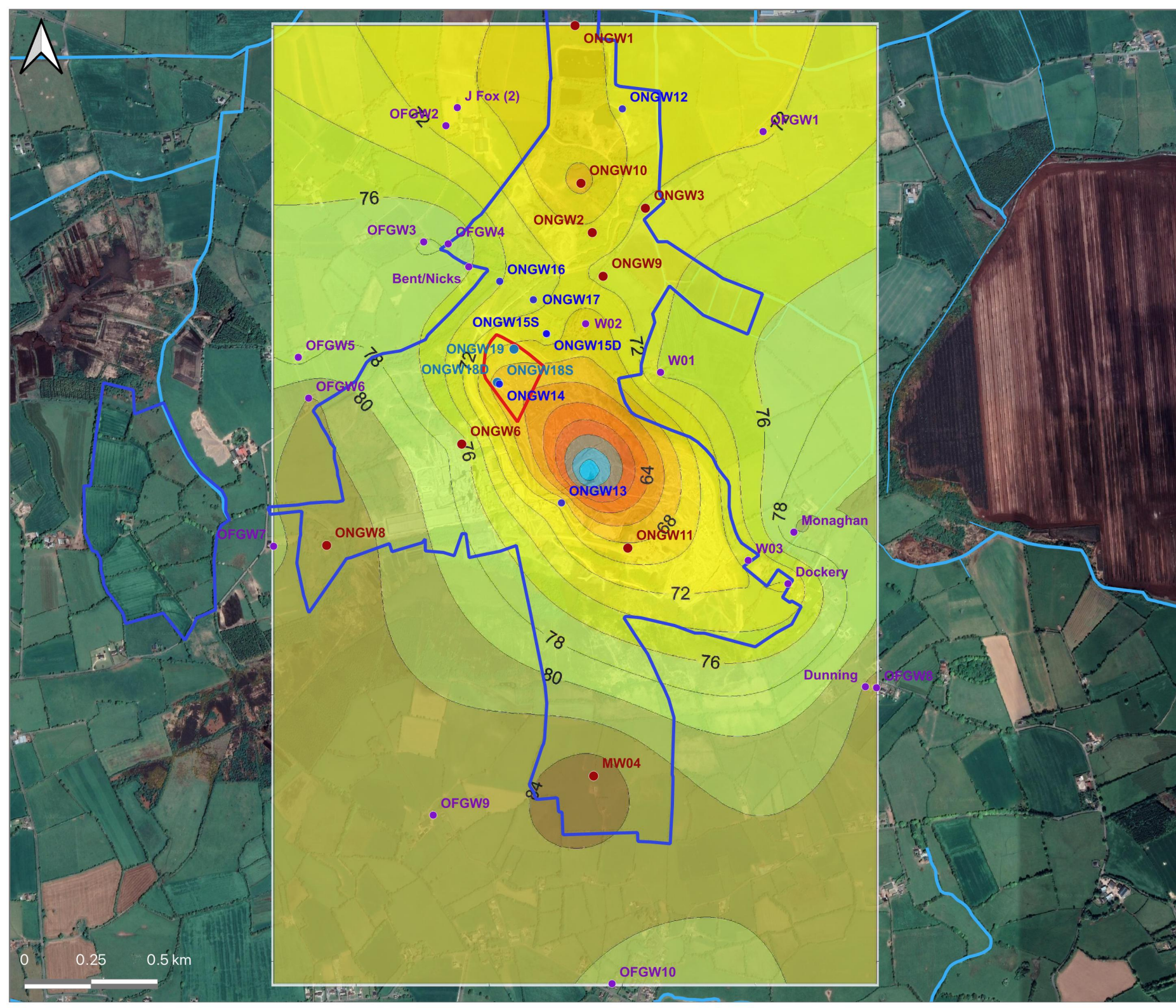
Bedrock Units

- Ballysteen Formation
- Lucan Formation
- Tober Colleen Formation
- Waulsortian Limestones

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Fig. 8.8:	GW Level Monitoring Wells
Date:	July 2022
Project:	21-P30/1970
Author:	COR
Scale:	1: 16,000
Client:	Breedon Cement Ireland
Project:	EIAR Chapter: Water
Location:	Killaskillen, Kinnegad, Co. Meath





Legend:

- Application Boundary
- Ownership Boundary

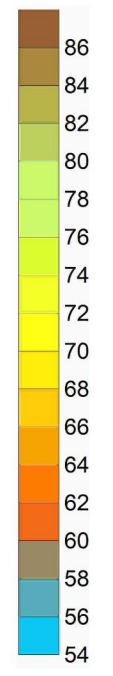


Fig. 8.9: GW Levels: November 2021

Date: July 2022

Project: 21-P30/1970

Author: COR

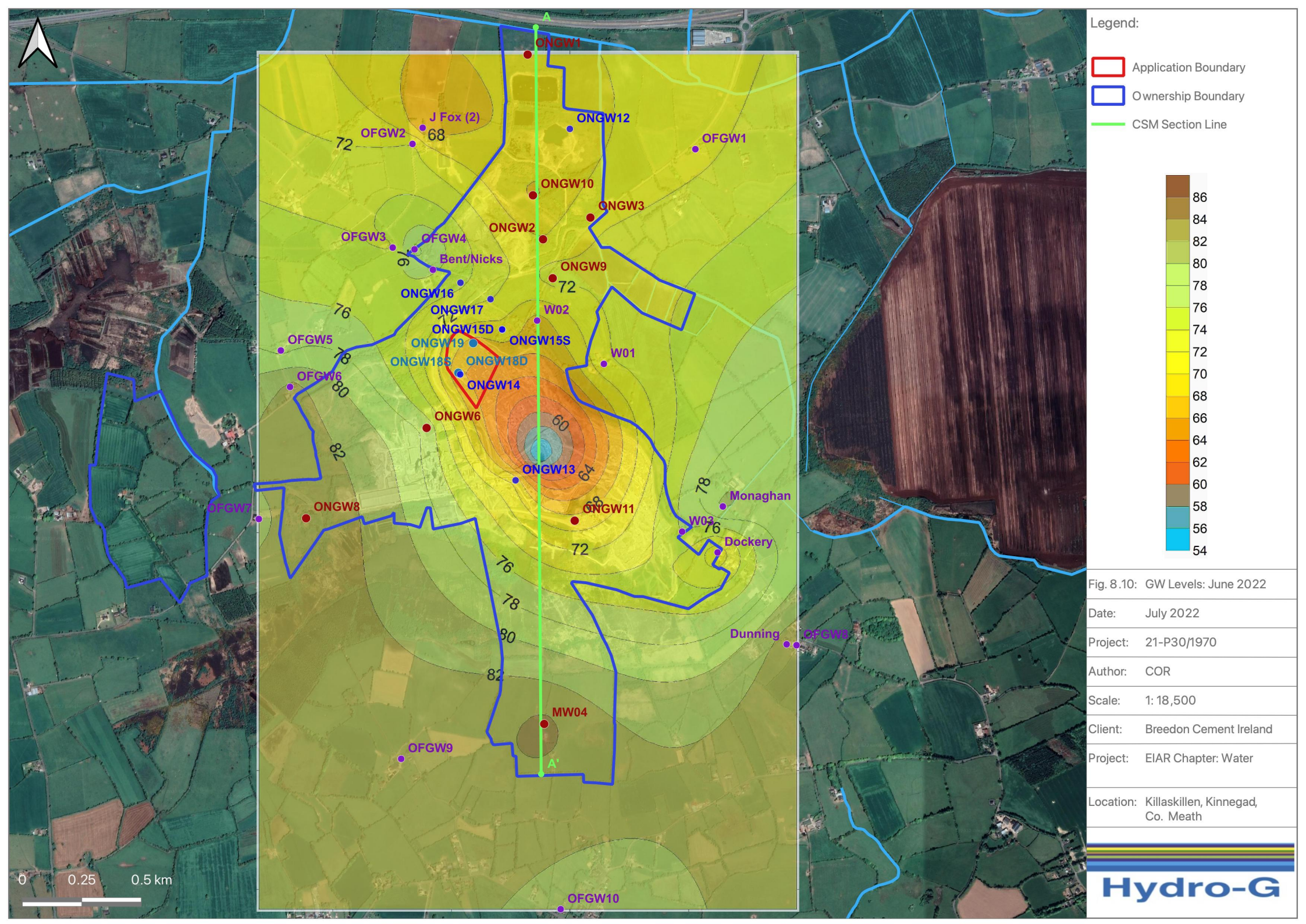
Scale: 1: 18,000

Client: Breedon Cement Ireland

Project: EIAR Chapter: Water

Location: Killaskillen, Kinnegad,
Co. Meath





- Legend:
- Application Boundary
 - Ownership Boundary
 - CSM Section Line

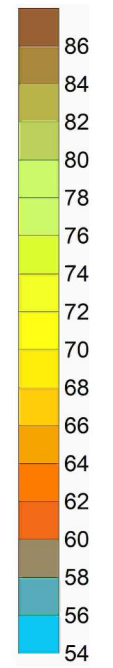


Fig. 8.10: GW Levels: June 2022

Date:	July 2022
Project:	21-P30/1970
Author:	COR
Scale:	1: 18,500
Client:	Breedon Cement Ireland
Project:	EIAR Chapter: Water
Location:	Killaskillen, Kinnegad, Co. Meath