

- Legend**
- Site Boundary
  - Groundwater Vulnerability**
  - E - Extreme
  - H - High
  - M - Moderate
  - L - Low
  - Water
  - X (Rock Near Surface or Karst)

**Figure Title**  
Groundwater Vulnerability  
Killicard

**Figure No.** 2.5

**Project**  
Tier 1 Assessment of Historical  
Landfills in Monaghan

**Client**  
Monaghan County Council

**Scale** 1:25,000 **Page Size** A3

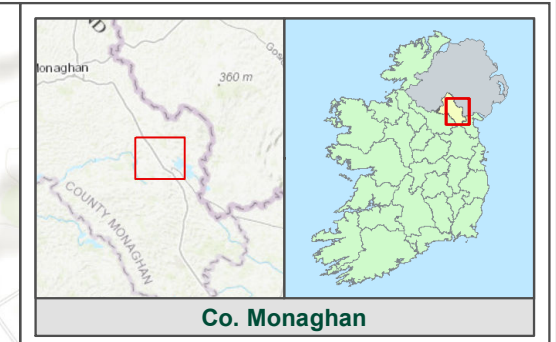
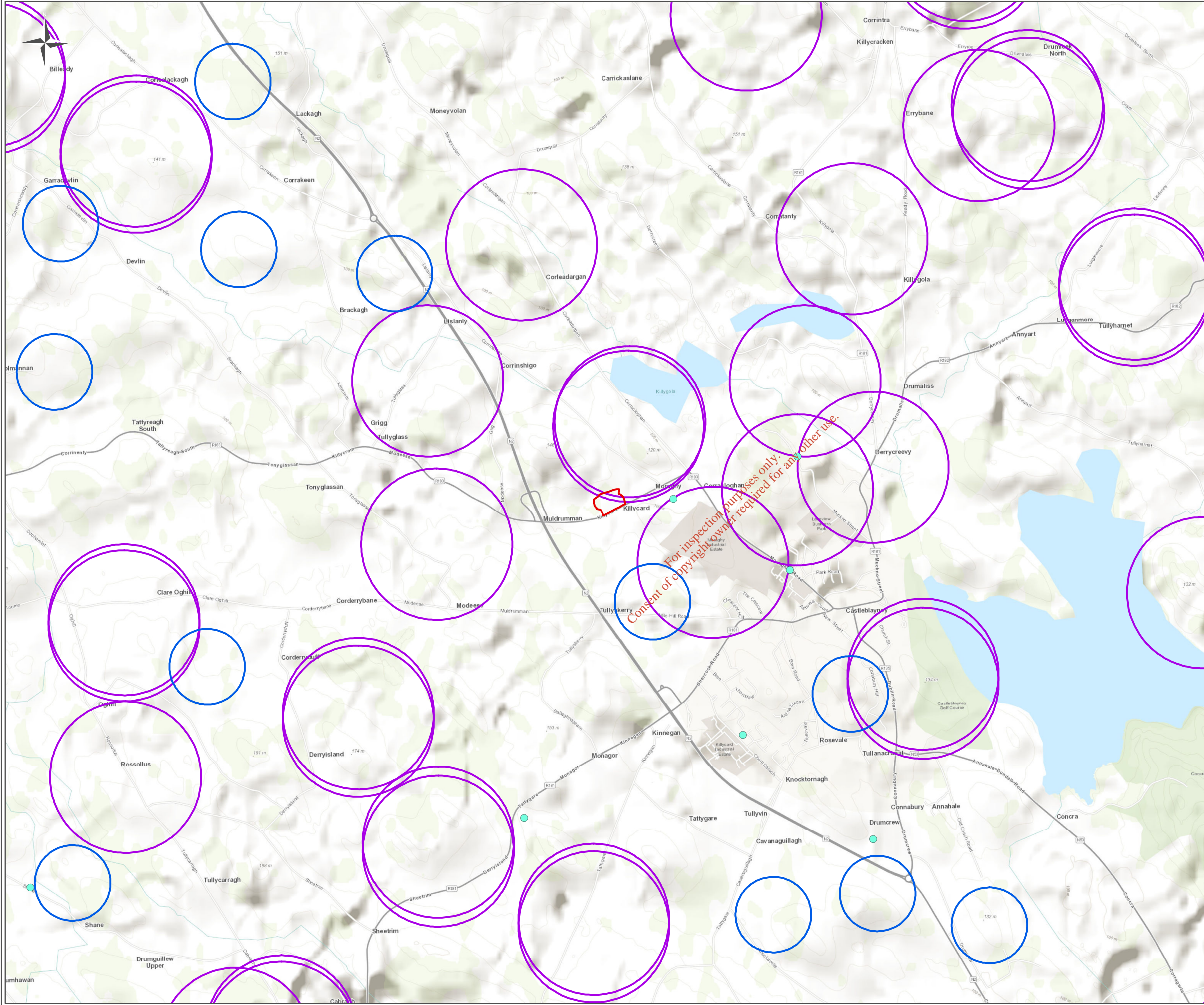
**Revision** A **Date** 15/06/2018

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**Co. Monaghan**

**Legend**

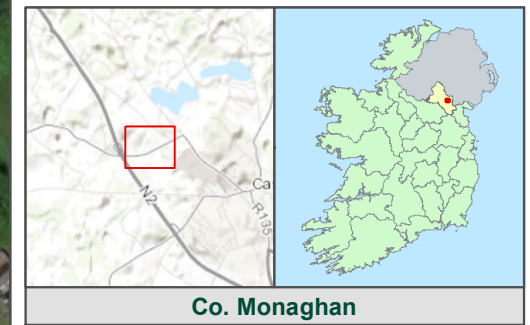
- Site Boundary
- Groundwater Well (10-50m Accuracy)
- Groundwater Well (200-500m Accuracy)
- Groundwater Well (500m-1km Accuracy)

<b>Figure Title</b>	Wells And Springs Killicard
<b>Figure No.</b>	2.6
<b>Project</b>	Tier 1 Assessment of Historical Landfills in Monaghan
<b>Client</b>	Monaghan County Council
<b>Scale</b>	1:25,000
<b>Page Size</b>	A3
<b>Revision</b>	A
<b>Date</b>	15/06/2018

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**Legend**

 Site Boundary

**Figure Title**  
Existing Site Layout  
Killicard

**Figure No.** 2.7


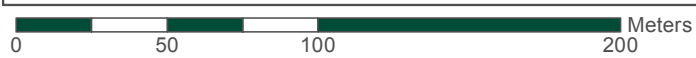
**Project**  
Tier 1 Assessment of Historical  
Landfills in Monaghan

**Client**  
Monaghan County Council

**Scale** 1:2,500 **Page Size** A3

**Revision** A **Date** 15/06/2018

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# Appendix II

## Site Walkover Checklist

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## Killycard Walkover Survey Checklist – 12<sup>th</sup> June 2018

Information	Checked	Comment (include distances from site boundary)
1. What is the current land use?		The majority of the site is vegetated and used for agriculture. Derelict mushroom buildings and industrial units are also present to the east of the site.
2. What are the neighbouring land uses?		Primarily agricultural with some residential buildings to the southwest of the site.
3. What is the size of the site?		The site occupies approximately 2 Hectares
4. What is the topography?		The site is relatively flat throughout.
5. Are there potential receptors (if yes, give details)?		Yes, leachate to west of site
Houses		Yes
Surface water features (if yes, distance and direction of flow)		Corrinstingo lake borders the site to the west. Surface water ditches border the site to the southwest and north.
Any wetland or protected areas		No
Public water supplies		No
Private wells		Not evident
Services		Overhead wires along the southeast of the site connecting to industrial units.
Other buildings		Derelict mushroom buildings onsite. Farm buildings to east and south of the site. Residential buildings within 100m to the southwest of the site.
Other		No
6. Are there any potential sources of contamination (if yes, give details)?		Yes – Waste from former landfill
Surface waste (if yes, what type?)		Waste found protruding through soil cover throughout the site. Generally residual inert domestic and C&D waste.
Surface ponding of leachate		No
Leachate seepage		No
Landfill gas odours		No
7. Are there any outfalls to surface water? (If yes, are there discharges and what is the nature of discharge?)		Yes, lake to west of site/ Receptors north and SW of site

Information	Checked	Comment (include distances from site boundary)
8. Are there any signs of impact on the environment? (If yes, take photographic evidence)		Yes, waste depositing into lake
Vegetation die off, bare ground		No
Leachate seepages		No
Odours		No
Litter		Yes, waste found protruding through soil cover throughout the site.
Gas bubbling through water		No
Signs of settlement		No
Subsidence, water logged areas		No
Drainage or hydraulic issues		No
Downstream water quality appears poorer than upstream water quality		No
9. Are there any indications of remedial measures? (Provide details)		No
Capping		No
Landfill gas collection		No
Leachate collection		No
10. Describe fences and security features (if any)		Fencing and walls around buildings, ditches around most of site, wall along the road
Any other relevant information?		

# Appendix III

## Photos from Recent Site Walkovers

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# PHOTOGRAPHIC LOG

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**Client Name:**  
Monaghan Co. Council

**Site Location:** Killycard

**Project Number:** P1655

**Photo No.**

1

**Date:**

12/06/18

**Description:**

Site entrance to  
industrial units



**Photo No.**

2

**Date:**

12/06/18

**Description:**

Grassed areas near  
industrial units carpark





# PHOTOGRAPHIC LOG

Consultants in Engineering  
and Environmental Sciences

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**Client Name:**  
Monaghan Co. Council

**Site Location:** Killycard

**Project Number:** P1655

**Photo No.**  
3

**Date:**  
12/06/18

**Description:**

Old gas well near industrial unit carpark



**Photo No.**  
4

**Date:**  
12/06/18

**Description:**

Site entrance to derelict mushroom buildings



# PHOTOGRAPHIC LOG

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**Client Name:**  
Monaghan Co. Council

**Site Location:** Killycard

**Project Number:** P1655

**Photo No.**  
5

**Date:**  
12/06/18

**Description:**

Area in front of  
derelict mushroom  
buildings



**Photo No.**  
6

**Date:**  
12/06/18

**Description:**

Site entrance to  
vegetated field



# PHOTOGRAPHIC LOG

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**Client Name:**  
Monaghan Co. Council

**Site Location:** Killycard

**Project Number:** P1655

**Photo No.**  
7

**Date:**  
12/06/18

**Description:**

Southern section of vegetated field



**Photo No.**  
8

**Date:**  
12/06/18

**Description:**

Area west of industrial units, north of derelict mushroom buildings

