

Lough Navar

Forest

Student Sheet



General instructions to students:

1. Note the main RISKS at the site when you arrive.
2. Respect the geological code of conduct at all times, do not disturb wildlife, close gates, do not remove rocks from the site.
3. Before leaving transport, check that you have suitable clothing and footwear and the equipment to record your field observations:
 - ✓ Pencils
 - ✓ Clipboard
 - ✓ Task sheet (can vary)
4. Stay close to the teacher in charge at all times. Stay on the paths at each site at all times. Be aware of traffic as all of the locations are along the main forest drive. Make sure that you stay away from the edge of the viewpoint at Magho as the drop is significant and should be avoided at all times. If visiting the quarry then ensure that hard hats are worn at all times and that you stay well away from quarry faces and piles of loose boulders.
5. Try and complete your observations in as much detail as possible. Listen to the teacher as they explain what you are looking at and ask questions if you are unsure about any aspects of these sites.

Tasks to be completed:

Task	Description	Completed (tick)
1	(a) Examine the risks/hazards at this site and (b) Describe how they might be reduced.	<input type="checkbox"/>
2	Describe what evidence there is to suggest a geological fault is present near to the entrance to the forest.	<input type="checkbox"/>
3	Blackslee Dyke (a) Draw a labelled sketch of the Blackslee Dyke at Aghameelan (b) Describe how the Blackslee Dyke formed.	<input type="checkbox"/>
4	Draw a labelled sketch of the view from Aghameelan.	<input type="checkbox"/>
5	Lough Navar Quarry Suggest 2 possible reasons for nodule formation at Lough Navar quarry.	<input type="checkbox"/>
6	Describe the difference between blanket bog and raised bog.	<input type="checkbox"/>
7	Describe how Lower Lough Erne formed.	<input type="checkbox"/>
8	Cliffs O'Braade (a) Draw a detailed sketch of cross-bedding at the Cliffs o'Braade (b) What is the direction of palaeocurrent? (c) What is tafoni weathering?	<input type="checkbox"/>

Name

Location

Lough Navar Forest

1a. List of risks/hazards:

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1b. How to reduce risks/hazards:

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2. Describe what evidence there is to suggest a geological fault is present near to the entrance to the forest:

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3a. Draw a labelled sketch of the Blackslee Dyke at Aghameelan:



3b. Describe how the Blackslee Dyke formed:

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4. Draw a labelled sketch of the view from Aghameelan including Knockmore Cliff, Bluestack Mountains and a drumlin:



5. Suggest 2 possible reasons for nodule formation at Lough Navar quarry:

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6. Describe the difference between blanket bog and raised bog:

Blanket bog:

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Raised bog:

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Name

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7. Describe how Lower Lough Erne formed:

8a. Draw a detailed sketch of cross-bedding at the Cliffs o'Braade:



8b. What is the direction of palaeocurrent?:

8c. What is tafoni weathering?:
