

The Rock & Ground Hunt

What the island is actually made of. All of these are close-up photographs - put the camera near the ground.

Explorer: _____

How it works

1. Take a photograph of each thing on the list. Any camera counts - a phone is fine.
2. Tick the box when you have the picture, and write down where you were.
3. You do not have to get them in order, and you do not have to get them all.
4. Stay on roads, trails and public beaches. Ask before you cross anyone's land.
5. Look, don't touch: leave the plants growing and the bark on the trees.
6. If an animal changes what it is doing because of you, you are too close. Back away.

How hard is it? ★☆☆☆☆ seen all the time ★★★★★ very rarely seen

Before you go

- | | |
|---|--|
| ☐ A camera, or a phone | ☐ Water, and a snack |
| ☐ Sunscreen and a hat | ☐ Shoes you can get wet |
| ☐ A pencil for this book | ☐ Bug spray in summer |

Mapped surface materials.



Dune sand

Get your camera right down on the sand and photograph the ripples the wind made.

★★☆☆☆

WHERE _____



Lacustrine sand and gravel

Old lake bottom that is now dry land. Find a spot where big and small stones lie together.

★★☆☆☆

WHERE _____



Coarse-textured glacial till

Everything jumbled together - clay, pebbles, boulders - because ice does not sort what it carries.

★★☆☆☆

WHERE _____



Barrier dunes

Photograph the whole shape of the dune from the beach, not from the top.

★★☆☆☆

WHERE _____



Limestone cobble shore

Smooth flat stones under clear shallow water. Shoot straight down through it.

★★☆☆☆

WHERE _____



Proglacial outwash

Meltwater-sorted sand and gravel. Look for it where a cut or a road bank exposes bedded layers.

★★☆☆☆

WHERE _____



Bois Blanc Formation (mapped beneath)

Early Devonian limestone mapped under the island. The archive is explicit that mapping it here does NOT establish exposed bedrock - so this one is a caption on a cobble, not a cliff you can go and find.

★★☆☆☆

WHERE _____



Detroit River Group (mapped beneath)

Middle Devonian dolostone, also mapped beneath. Same caveat: mapped, not exposed.

★★☆☆☆

WHERE _____

Draw the best thing you found

Made from the Beaver Island Archive. Nothing here was made up: the animals come from public observation records, the trees and plants from forest surveys, 1800s land-survey field notes and natural-features reports, the ground from geological mapping, and the places from the archive’s own encyclopedia. The complete list, and the reasons behind each entry, is at beaverislandarchive.org/photo-hunt/.