



PORT TOWNSEND
MARINE
SCIENCE
CENTER

Geology Scavenger Hunt

Draw or take a picture of the things as you find them, and tag any cool finds @ptmarinescictr on Instagram!

Remember to visit this habitat well! Leave natural objects where you found them.

Find a rock of two or more colors.

What colors are present?

What do you think it caused this?



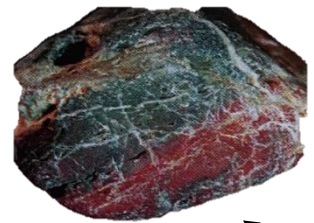
Agate

Find a rock shaped like something interesting.

What shape do you see?

Does someone else see a different shape than you?

How do you think the rock became that shape?



Jasper

Find a concretion.

What is a concretion?

And how are they formed?



Diorite

Find evidence of erosion??

*How do you think it was eroded?
What element may have eroded it?*



Dusty Quartz

How old do you think the rocks are?

*What are some clues to help you figure that out?
What are your guesses?*

Deposits of the Quaternary age. Fill, beach, dune, marsh, peat, soil, landslide, till, clay, and outwash deposits. The resistant lodgment till is one of the most prominent geologic units in the area and forms many local hills and bluffs. Age of rocks: 0 - 185,000 years

Sedimentary bedrock. Mudstone, siltstone, sandstone, and conglomerate rocks. Age of rocks: 3 - 50 million years

Volcanic bedrock. Basalt lava flows, breccias, and pillow lava of the Crescent Formation. Volcanic pyroclastic tuff and breccias of the Lyre Formation are exposed in the Tamanowas Rock, Anderson Lake, and Gibbs Lake areas. Age of rocks: 43 - 50 million years

Use this chart to age your rocks!

Find a rock smaller than your pinky finger

*Do you think this rock was always this small?
Where do you think it came from?*



Basalt

The coolest thing I found was: