

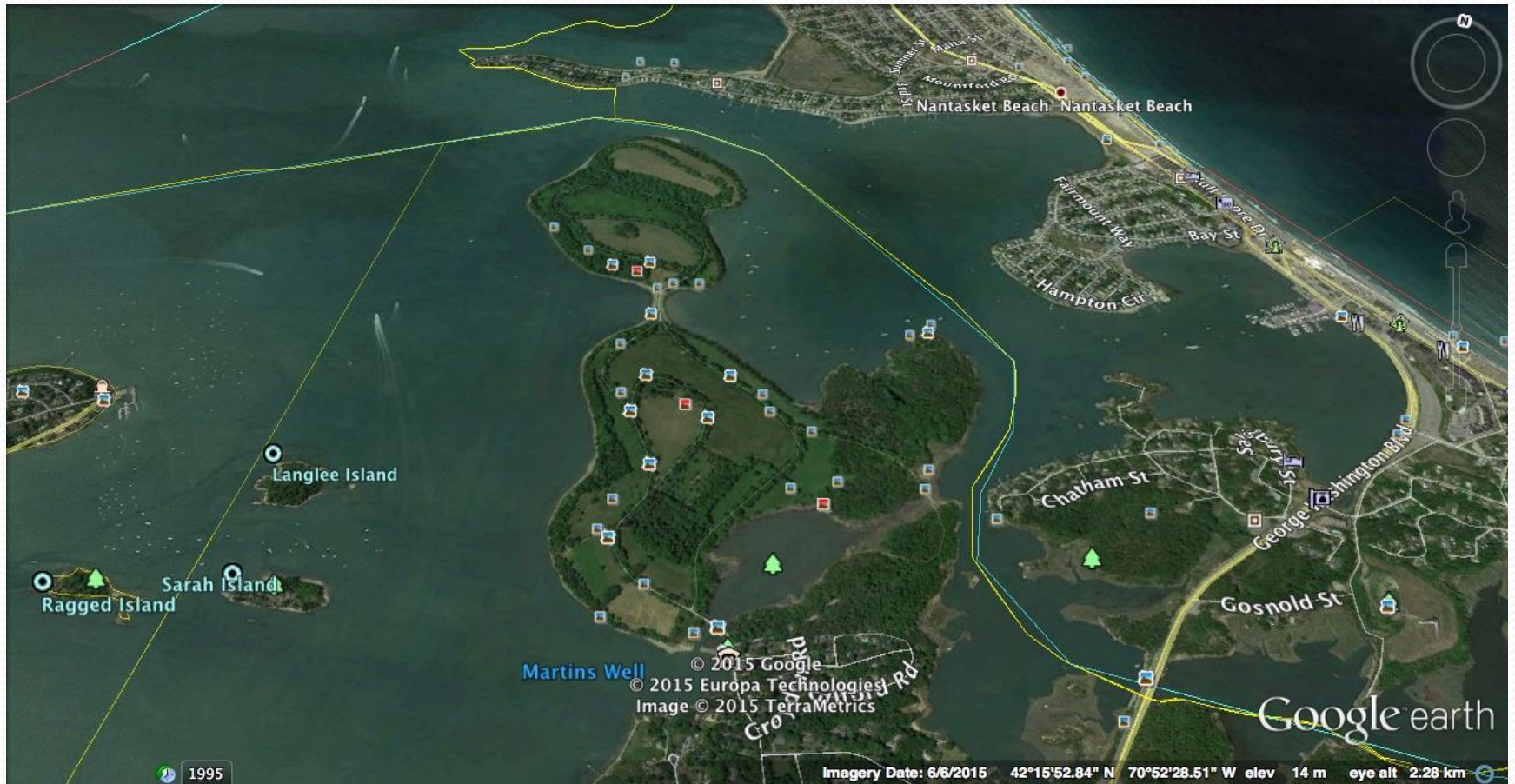
Virtual Field Trip

- Look at the World's End Map. The letters on the map are referenced in the questions on the World's End Field Trip Worksheet.
- Answer all the questions on the work sheet and submit it with a 5-page paper summarizing what you saw in person or virtually on the Field Trip. I advise you to get a better look at the area using Google Earth. The latitude and longitude is shown on the previous slide. Hint, by answering each of the questions on the slides it will help you develop your paper.

World's End Map



World's End Aerial Photo



Features that you will see on this field trip

- Roxbury Formation
- Dedham Granite
- Basalt
- Metamorphism
- Joint Sets
- Fault offsets
- Hydrothermal injection
- Contact Metamorphism
- Unconformities (what types?)
- Drumlins
- Tombolos
- Shingle Beaches
- Glacial scouring

Stop A

What type of rock is it?

Igneous,
metamorphic or
sedimentary?



Stop A-A closer look



Stop B

What type of geomorphic features do you see in the foreground and background. What do you see in the center of the photo?



Stop B-Looking Northeast

Look at the rock outcrop in the center of the photo. What type of rock is it? What is causing the change in color?



Stop G- Ice Pond looking North

How do you think this so-called ice pond was formed?



Stop C-Outcrop

Describe this rock outcrop. What type of rock do you think it is? How did it form?



Stop C- Closeup



Stop D-Coastal Outcrop

What type of rock do you think it is? How did it form? What are the linear features?



Stop D-Outcrop and Beach

Why are there beaches in between these outcrops? What type of rock is the outcrop?



Stop D-Outcrops

What types of rocks are in this outcrop? How do you think the light green colored layer formed?



Stop D-Close up



Stop E-Outcrops

What types of rocks are present in this area? Which rock is more resistant? Why?



Stop E- Linear Feature

What is the rock type and the linear feature?



Stop E-Outcrop-What is it?



Stop E-Outcrop and Linear Feature

Look at the conglomerate, what are the clasts (cobbles) made of? Is the linear feature a fault? Why or why not?



Stop E-Outcrops

What types of rock are in the foreground? The background? What forces have changed the rock in the foreground?



Stop E-Beach Outcrop

What has caused the change in color in the outcrop in the center of the slide?



Stop E-What kind of Rock?



Outcrop E-What has changed this rock?



Stop E-What kind of contact is this?



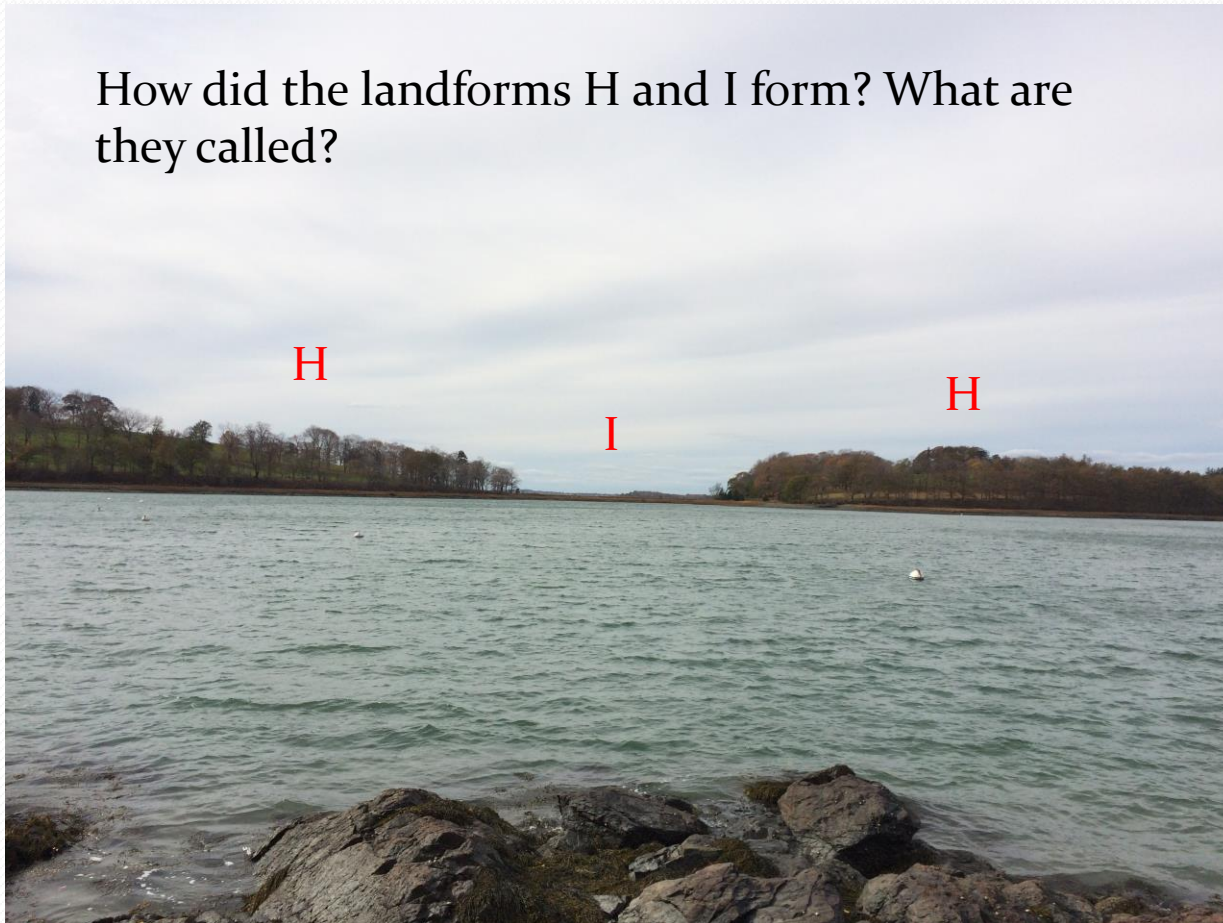
What is it?

What is the horizontal feature in the middle of the conglomerate outcrop? Has it been altered in any way?



Stops H and I

How did the landforms H and I form? What are they called?



Stop F-Beach

What type of beach is found between the two outcrops?



Stop F- What type of Rock?



Stop F-What kind of Beach?



Stop F-What caused the landforms?



Stop H-How were they formed?



Stop G-Ice Pond North



Stop H-How Was it formed?



The End

