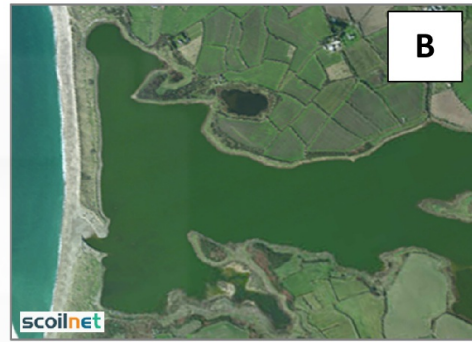


3. Coastal Landscape



Examine the aerial photographs above and answer each of the following questions.

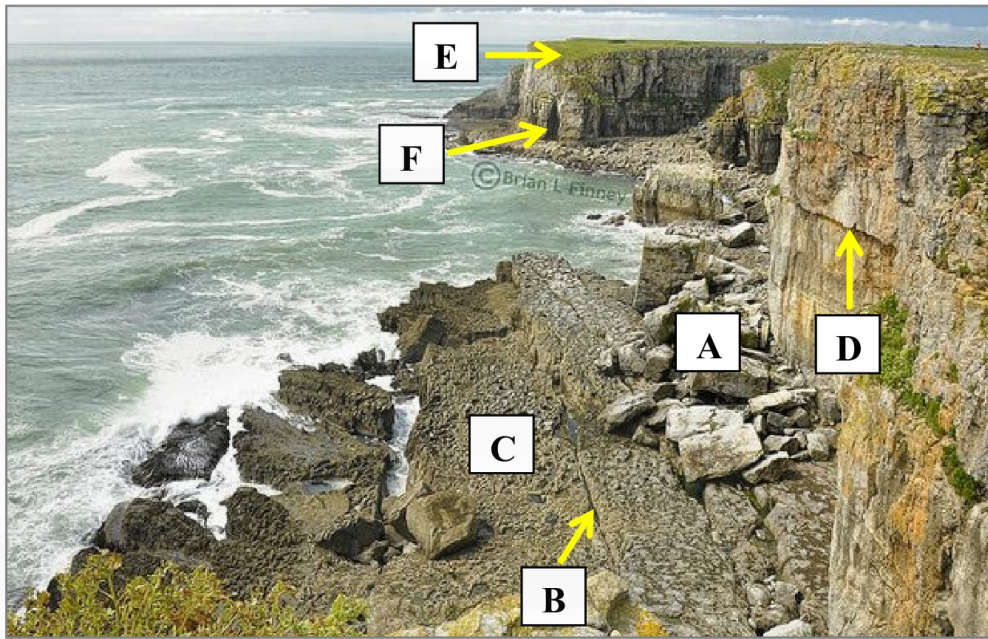
- (i) Match each of the aerial photographs **A**, **B**, **C** and **D** with the landform that best matches it in the table below.

Landform	Letter
Sand spit	
Tombolo	
Sand dunes	
Lagoon	

- (ii) Name **one** process of coastal transportation associated with the formation of sand spits, lagoons and tombolos.

- (iii) Name the coastal defence structures shown at **X** in photograph **D**.

3. Coastal Landforms and Rock Structures



© Brian L Finney

Examine the photograph above and answer each of the following questions.

- (i) Match each of the letters **A**, **B**, **C**, **D**, **E** and **F** with the coastal landform or rock structure that best matches it in the table below.

Coastal Landform / Rock Structure	Letter
Joint	
Wave-cut platform	
Rock fall	
Sea cave	
Headland	
Bedding plane	

- (ii) Indicate whether the following statement is true or false by circling the correct option.

Rock structures such as joints and bedding planes are most associated with igneous rocks.

True

False

[8m]

1. Coastal Features



Examine the photograph above and answer each of the following questions.

- (i) Match each of the letters **A**, **B**, **C** and **D** with the feature that best matches it in the table below.
- (ii) Indicate whether each of the features is a natural or human feature, by ticking the correct box in the table below.

Feature	(i) Letter	(ii) Natural	(ii) Human
Groyne			
Offshore bar			
Rock armour			
Cliff			

[8m]

4. Physical Features and Processes

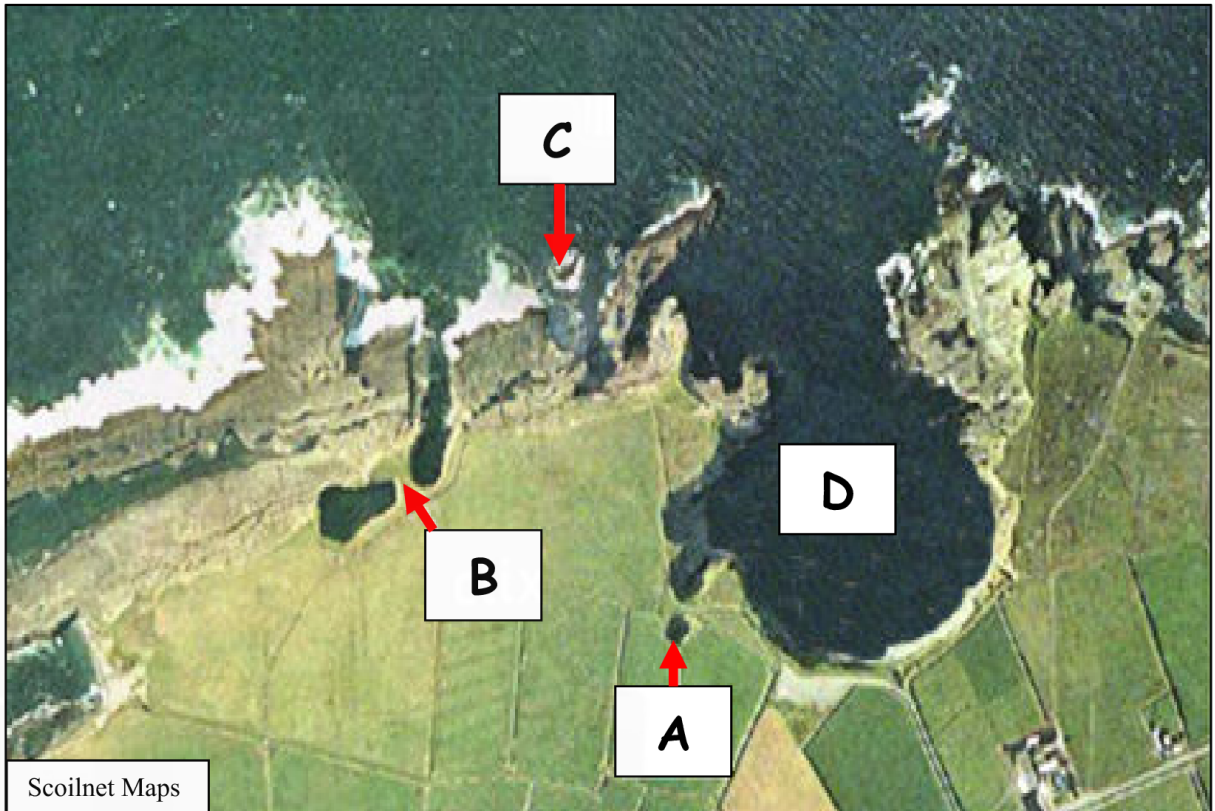


Examine the photographs and answer each of the following questions in the table below.

- (i) Insert the letter which best matches each of the photographs with its correct description.
- (ii) Insert the correct process from the following list, which best matches the process at work in each of the photographs:
- Air pressure
 - Freeze thaw action
 - Attrition
 - Soil creep.

Description of Photograph	(i) Letter	(ii) Process at Work
Scree		
Pebble beach		
Blow hole		
Terracettes		

[8m]

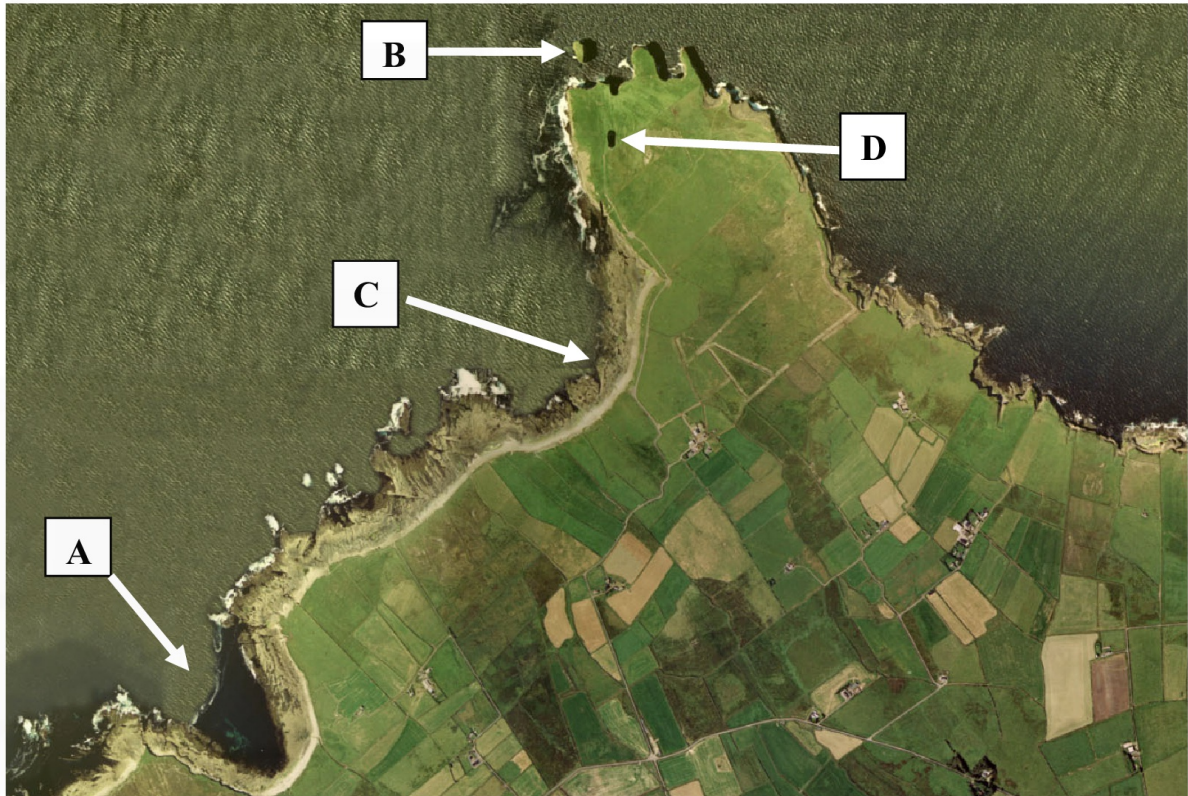


Examine the aerial photograph above.

Match **each** of the letters **A** to **D** with the correct landform in the table below.

Landform	Letter
Sea stack	
Blowhole	
Bay	
Sea arch	

8. Coastal Landforms



Examine the photograph above. Pair each of the letters **A** to **D** with the correct feature in the table below:

Feature	Letter
Wave Cut Platform	
Bay	
Blow Hole	
Sea Stack/Stump	

[8m]

In the space provided, match **each** of the named landforms in Column X with the description in Column Y:

Column X

Meander	A
Moraine	B
Sandspit	C
Scree	D

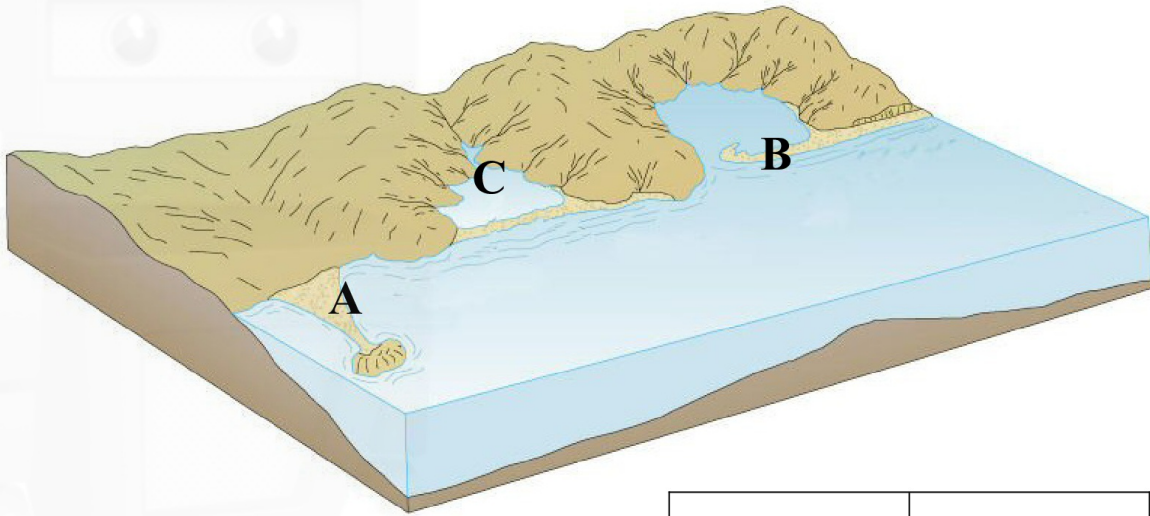
Column Y

Marine Action	1
Weathering	2
Fluvial Action	3
Glacial Action	4

A	
B	
C	
D	

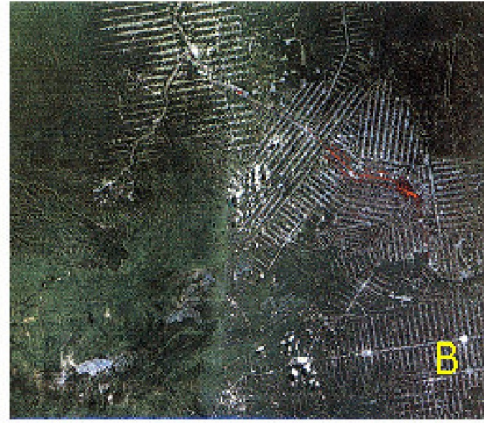
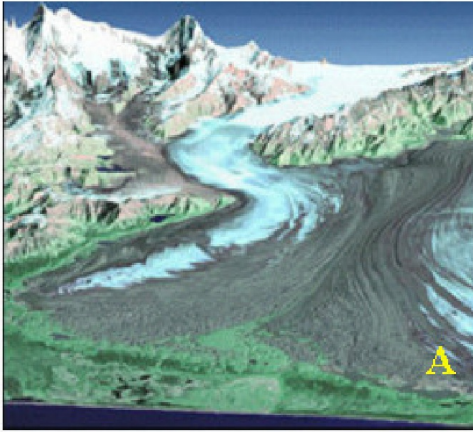
[8]

Examine the diagram below, showing a coastal landscape.
Match each of the following landforms with its correct letter in the diagram



Lagoon	
Sandspit	
Tombolo	
Which of these is the main process active in the formation of the landforms listed above: <i>Erosion</i> / <i>Deposition</i> ?	

[8]



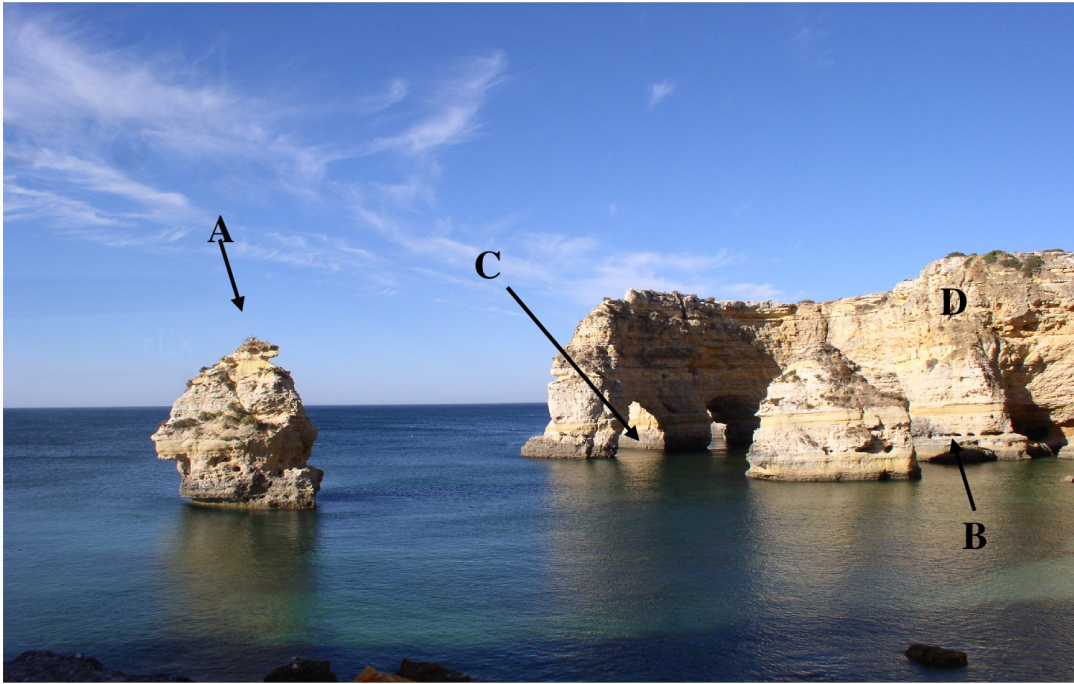
Source: USGS

Insert the correct letter A to D in the boxes below, to identify the various images.

Volcano (Mt. Etna)	
Delta (Mississippi)	

Deforestation (Brazil)	
Glacier (Alaska)	

[8]



In your answer-book, identify **each** of the landforms labelled A to D in the above diagram. [20m]

With the aid of a labelled diagram, examine the processes that have led to the formation of any **one** Irish landform of your choice – **excluding** those shown in the above photograph. [30m]

Discuss how **one** of the following could impact on the landscape:

- Deforestation
- Coastal management
- Flood control

[30m]

Examine how human processes can have an impact on the operation of **one** of the following natural processes:

- Mass movement processes
- River processes
- Coastal processes.

[30m]