

Name _____

To complete this worksheet, see the instructions in the textbook (Chapter 1 Investigation).

Table 1. Landscape Features and Processes

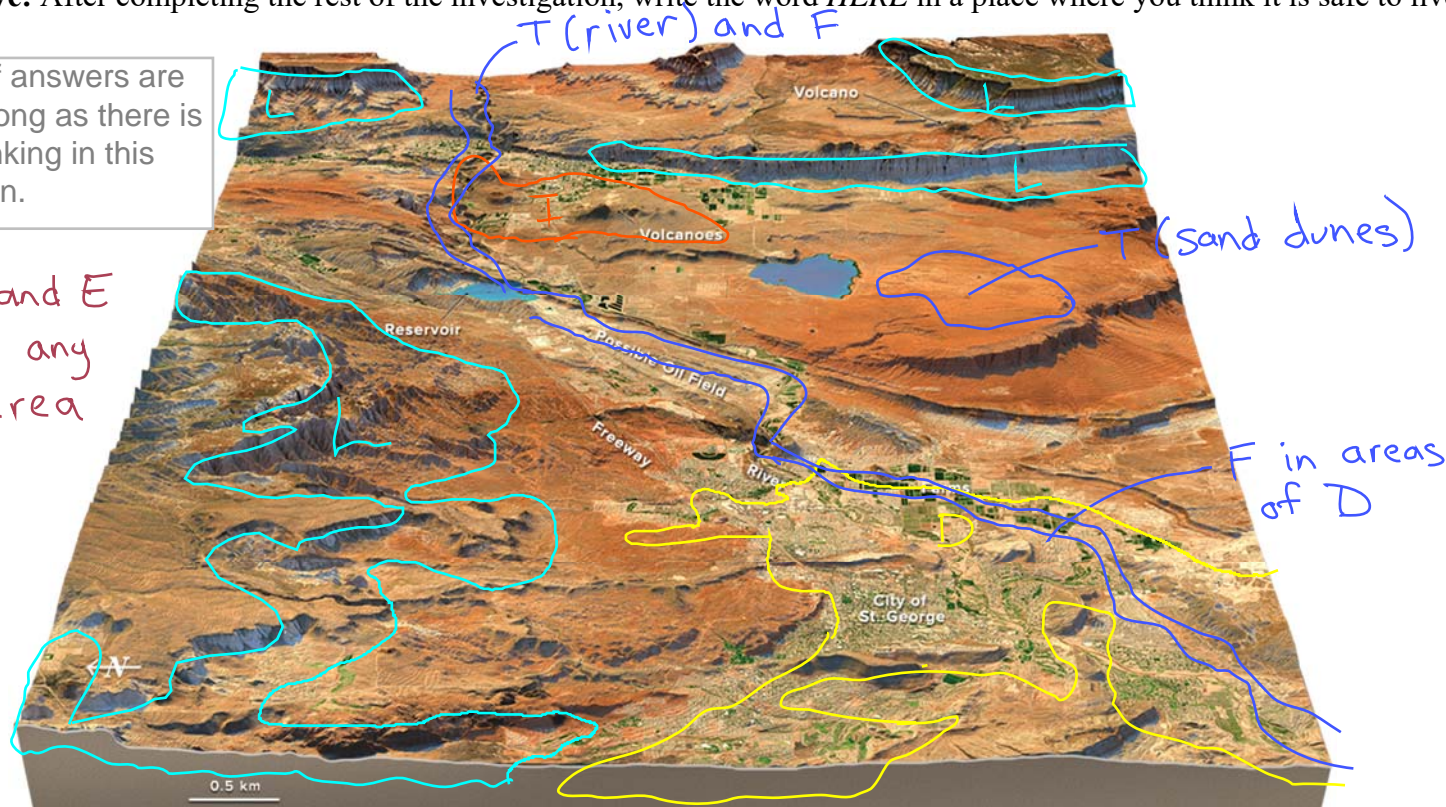
Observations: In the white space next to the figure below, write five observations about the landscape, but do not simply repeat information from descriptions adjacent to the figure in the textbook. There is no right answer; just write some things you notice.

Processes: Mark on the figure one location where the following geologic processes would likely occur, using the appropriate letter for that process: weathering (W), erosion (E), transport of sediment (T), deposition of sediment (D), formation of igneous rock (I), flooding (F), and landsliding (L). Note that some processes are occurring in many places, so just choose a single place that you think is an excellent example of this process.

Safe Place to Live: After completing the rest of the investigation, write the word *HERE* in a place where you think it is safe to live.

A wide range of answers are acceptable as long as there is evidence of thinking in this first investigation.

W and E
in any
area



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Table 2. Ways that Geology Might Influence the Lives of the People In this Region

Propose one or more ways that each landscape feature or aspect might influence people. The bottom two rows in the table are for other features or aspects that you might recognize but that are not listed.

Name of Feature	Proposed Influence of this Feature or Process
Dry climate	Limits agriculture, drinking water scarcity
Steep cliffs in mountain range	Not suitable for building sites or farming, danger from landslides
Rainfall in mountain range	Source of water, potential for flooding, erosion produces sediment
Hot springs	Recreation, possible source of energy, such as heating houses
Volcanoes	Potential hazard, influences type of soil, possible building materials
Hurricane Cliffs	Potential for landslides, source of building materials
Hurricane fault	Potential for earthquakes, possibly controls groundwater (springs)
Oil field	Source of energy and pollution
Main river	Source of water, good soils for farming, possible transportation, potential for flooding
Other:	
Other:	