Liv	ng on the Edge: Unit 3 Hazards at Divergent Plate Boundaries Prework Name:
ass	s activity is designed to prepare you for the next class period in which we will explore processes ociated with divergent plate boundaries and the associated hazards. Bring this worksheet with your ned answers to turn in and for use in class (Due:).
1. (foll	blore the eruption of Axial Seamount, on the Juan de Fuca Ridge by linking to the following: Go to: http://axial2013.blogspot.com/2013/08/where-is-axial-seamount.html and answer the owing: What type of plate boundary is a mid-ocean ridge like this?
b.	Using information from the video and what you already know about plate boundaries, use the "Submarine Divergent Plate Boundaries" column of Table 1 to describe the earthquake, volcano, bathymetric, and age data you would expect to characterize the plate boundary associated with Axial Seamount. What are some other characteristics about this plate boundary?
exp foll Cha "de	Go to http://axial2013.blogspot.com/2013/08/axial-caldera.html , developed for the 2013 pedition to Axial Seamount. Read the blog entry, watch the short video clip and consider the owing: adwick talks about the pressure sensors that are installed on the ocean floor to detect "inflation" and eflation" of the Axial Seamount volcano during an eruptive event. What do you think the idea of flation" and "deflation" events means?
Fud Wh haz We	Read the blog entry and watch the videos about the 2011 eruption at Axial Volcano on the Juan de ca Ridge at: http://axial2013.blogspot.com/2013/09/2011-lava-flows.html eat are some of the hazards associated with this activity on the divergent plate boundary? Even if eards are not discussed explicitly, what do <i>you</i> think the hazards are? Explain your answer. It will complete Tables 1 and 2 during class; be sure the Submarine Divergent Plate Boundary column Table 1 is filled in when you turn in your prework.