

Grading rubric.

Category	3 points	2 points	1 points	0 points
Scientific concepts (questions 1, 2, and 3)	Answer shows an accurate and thorough understanding of scientific concepts underlying the lab.	Answer shows an accurate understanding of most scientific concepts underlying the lab.	Answer shows a limited understanding of scientific concepts underlying the lab.	Answer shows an inaccurate understanding of scientific concepts underlying the lab.
Bathymetric profiles (questions 4, 7, and 22)	Profile is clear and shows the entire continental margin, from the land to the deep ocean floor. Color lines are neat and correctly identify all of the required features.	Profile is clear and shows the entire continental margin, from the land to the deep ocean floor. Color lines are neat and correctly identify at least 50% of the required features.	Profile shows only part of the continental margin. Color lines correctly identify the features that are present.	Profile doesn't show the continental margin.
Continental margin analysis and interpretation (questions 5, 6, 8, 9, and 23)	The continental margin is correctly identified. Justification makes correct use of relevant data and topographic features.	The continental margin is correctly identified. Justification makes correct use of some relevant data and topographic features.	The continental margin is correctly identified, but no supporting evidence is given.	The continental margin is incorrectly identified.
Identification of specific features (questions 10 and 13)	The topographic feature is correctly identified. Justification is well organized and uses relevant information from the map and profile.	The topographic feature is correctly identified. Justification uses relevant information from the map and profile.	The topographic feature is correctly identified, but no supporting evidence is given.	The topographic feature is incorrectly identified.
Width and depth estimates (questions 11, 12, 14, 15, and 24)	Width and depth estimates are correct and accurate.	Width and depth estimates are within a 10% error margin.	Width and depth estimates are within a 20% error margin.	Width and depth estimates are inaccurate.

Assigned readings (questions 16–21 and 25–27)	Answer is correct and organizedwith well-constructed paragraphs.	Answer is correct and organized.	Answer is correct.	Answer is incorrect.
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