

	Model	Written Analysis	Mechanics and Conventions
	<i>The extent to which the model and written analysis incorporate the required elements, effectively complete the task, and show understanding of the purpose and audience</i>	<i>The extent to which the written analysis fully develops ideas, utilizing specific and relevant facts, descriptions, discussions, explanations, and data</i>	<i>The extent to which the written analysis of the model demonstrates knowledge of grammar and conventions, including vocabulary usage, punctuation, and spelling</i>
Weight	5	10	2
6	<p>Very Effective Demonstrates a thorough understanding of the task; completes all parts in an accurate manner; may go beyond the limits of the task. Layers are to scale, in the correct order, and properly labeled.</p>	<p>Very Effective Includes definition of a core sample, a data table, a full and thorough explanation of the model and the significance of each color used, a complete discussion of all layers and their relationship to each other, and a comparison between the model's layers and Earth's layers. All components and ideas show strong content knowledge and reasoning.</p>	<p>Very Effective Contains few or no errors in grammar, vocabulary, spelling, and punctuation</p>
5	<p>Good Demonstrates a general understanding of the task; completes all parts of the task. Layers are to scale, in the correct order, and properly labeled.</p>	<p>Good Includes definition of a core sample, a data table, a full and explanation of the model and the significance of each color used, a discussion of all layers and their relationship to each other, and a comparison between the model's layers and Earth's layers. All components show appropriate content knowledge and reasoning.</p>	<p>Good Contains a few errors in grammar, vocabulary, spelling, or punctuation that do not interfere with ideas and meaning</p>
4	<p>Adequate Demonstrates a basic understanding of the task; completes most parts of the task; may be missing a few elements. Layers may be slightly off scale, but are in the correct order and properly labeled.</p>	<p>Adequate Includes definition of a core sample, a data table, an explanation of the model and the significance of each color used, a discussion of all layers and their relationship to each other, and a comparison between the model's layers and Earth's layers. Some components may contain minor inaccuracies and connections may not have strong connections. Shows adequate content knowledge.</p>	<p>Adequate Contains some errors in grammar, vocabulary, spelling, or punctuation that do not significantly interfere with ideas and meaning</p>
3	<p>Limited Demonstrates little understanding of the task; completes most parts of the task; missing some elements. Layers are not to scale, but are in the correct order and properly labeled.</p>	<p>Limited Is missing one or two components, has a definition of a core sample that may be incomplete, has a data table that may have inaccuracies, has an explanation of the model that may not detail the significance of each color used, has a discussion of all layers and their relationship to each other that does not have strong connections, and has a comparison between the model's layers and Earth's layers that may have inaccuracies. Shows limited content knowledge.</p>	<p>Limited Contains several significant errors in grammar, vocabulary, spelling, or punctuation that occasionally interfere with ideas and meaning</p>

Rubric (continued)

2	Minimal Demonstrates minimal understanding of the task; completes less than half the task. Layers are not to scale, in the incorrect order, or not labeled correctly.	Minimal Is missing several components, has an incomplete definition of core sample, has an incorrect data table, has an explanation of model and discussion of layers that contains factual errors, needs more work in explanations and comparisons, lacks connections and evidence. Shows minimal content knowledge.	Minimal Contains many significant errors in grammar, vocabulary, spelling, or punctuation that substantially interfere with ideas and meaning
1	Inadequate Demonstrates no understanding of the task; completes very few parts of the task. Layers are not to scale, in the incorrect order, or not labeled correctly.	Inadequate Is missing several components, fails to develop and connect ideas, contains significant factual errors, needs significant work on the explanations and relationship between the model, its layers, and Earth's layers. Shows little evidence of content knowledge.	Inadequate Contains considerable errors in grammar, vocabulary, spelling, or punctuation that make understanding ideas difficult
