

## Grading Rubric for Project Paper, “Measuring Metal Release Rate of an Arsenopyrite Sample”

Group members: \_\_\_\_\_ Section \_\_\_\_\_

Evaluation	Salient Features	Maximum Points	Points Assigned
Paper Format	<ul style="list-style-type: none"> <li>• Length, section, and format requirements followed</li> <li>• Spelling, punctuation</li> <li>• Writing style</li> </ul>	5	
Required Content	Experimental/Results <ul style="list-style-type: none"> <li>• Molarity of iron vs. time (from spec measurements)</li> <li>• Amount of iron per unit surface area vs. time (from spec measurements)</li> <li>• Molarity of iron in dissolution vessel vs. time (from ICP-AES)</li> <li>• Amount of iron per unit surface area vs. time (from ICP-AES)</li> <li>• Molarity or amount of arsenic per unit surface area vs. time (from ICP-AES)</li> <li>• Molarity or amount of sulfur per unit surface area vs. time (from ICP-AES)</li> <li>• Dissolution rate vs. your chosen experimental parameter</li> </ul>	15	
	Quality of Discussion: <ul style="list-style-type: none"> <li>• Makes comparisons to results reviewed in the literature</li> <li>• Conclusions tie directly to results</li> <li>• Next experiment(s) proposed</li> </ul>	10	
Notebook pages	<ul style="list-style-type: none"> <li>• The notebook reflects clearly the experimental progress during the project periods. Some sample calculations presented; some reflective summary included.</li> </ul>	3	
Peer Evaluation	Each group member handed in a completed peer evaluation (PE).	2	Missing PE names:
<b>Total</b>	35		

General Comments: