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

Group members:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­\_\_\_\_\_\_Section\_\_\_\_\_\_\_\_\_\_\_\_

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| Evaluation  | Salient Features | Maximum Points | Points Assigned |
| Paper Format | * Length, section, and format requirements followed
* Spelling, punctuation
* Writing style
 | 5 |  |
| Required Content | Experimental/Results * Molarity of iron vs. time (from spec measurements)
* Amount of iron per unit surface area vs. time (from spec measurements)
* Molarity of iron in dissolution vessel vs. time (from ICP-AES)
* Amount of iron per unit surface area vs. time (from ICP-AES)
* Molarity or amount of arsenic per unit surface area vs. time (from ICP-AES)
* Molarity or amount of sulfur per unit surface area vs. time (from ICP-AES)
* Dissolution rate vs. your chosen experimental parameter
 | 15 |  |
|  | Quality of Discussion:* Makes comparisons to results reviewed in the literature
* Conclusions tie directly to results
* Next experiment(s) proposed
 | 10 |  |
| Notebook pages | * The notebook reflects clearly the experimental progress during the project periods. Some sample calculations presented; some reflective summary included.
 | 3 |  |
| Peer Evaluation | Each group member handed in a completed peer evaluation (PE). | 2 | Missing PE names: |
| Total | 35 |  |  |
|  |  |  |

General Comments: