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 | * 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: