

Final Project Report

Technical Evaluation & Grading Rubric

Student name: _____

Report Section	Total	Rubric Item	Max Points	Your Score
Executive Summary	10	-The major experimental methods and approaches are described. -The primary objective of the work is accurate and clearly-stated. -The major findings and implications are accurately described	3 3 4	
Introduction	5	-Background information on flotation provides context for the work. -The primary motivation for the work is clearly articulated and based on a scientific understanding of the process. -The project objective and any sub-objectives accurately portray the intent of the work.	1 2 2	
Experimental	15	-The feed material and process reagents are adequately described. -The experimental apparatus (including major and minor items) are adequately described. -The experimental and analytical procedures describe the work that was performed with sufficient detail to permit reproduction. -The experimental design clearly and accurately indicates the parameters varied between test runs -All equations and data analysis methods are clearly identified.	3 3 3 3 3	
Results	20	-The calculations (e.g. grade, recovery, separation efficiency, yield) are accurate and sufficient to fully quantify the data recorded during testing. -Plots and graphics are clear and of sufficient publication quality.	10 10	
Discussion	20	-The discussion is logically organized and progresses from the experimental data to a final conclusion. -Trends or other observations from testing are described with context to the experimental results. -Explanations for the results (including sources of error and variability) are clearly described and based on sound scientific arguments.	5 5 10	
Conclusions & Recommendations	10	-The major objective of the work is restated. -The major findings are clearly described and no new data is presented. -A recommendation for future work clearly proceeds from the work presented in the main section of the report.	2 3 5	
Overall Document Characteristics	20	-The report is based on sound scientific principles and free of deleterious technical errors -The report contains the appropriate amount of details for the target audience. -The report uses graphs, tables, equations, and appendix items appropriately -Other document characteristics, including the title page and reference list are appropriate.	10 5 3 2	