

# CC Geology Senior Research Final Papers and Geology Day Presentation Rubric

<b>Content</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>
<b>Introduction/ Rationale</b>	No clear rationale/ research question or a weak rationale for the project	Some rationale presented, begins to motivate the work, significance or the research question may be unclear	Provides and discusses a suitable and significant rationale, with appropriate research questions	Accomplished rationale that is <u>also</u> persuasive and creative
<b>Background/ Scholarly Context</b>	Author does not demonstrate awareness of the scholarly literature, may over-rely on too few sources	Author demonstrates a reasonable awareness of the literature and relates an applicable geologic setting for the work	Author demonstrates broad awareness and situates own work within the literature, geological setting is clearly related and appropriate to the subdiscipline	Author is accomplished <u>and</u> makes a contribution to the field or identifies a new direction for investigation
<b>Methods/ Approach</b>	Not clear what will be done or why, or method inappropriate	Approach is generally appropriate, synopsis of steps in research given	Clearly described and justified approach that is appropriate and fully described	Accomplished methods that are <u>also</u> creative and sophisticated
<b>Presentation of Data</b>	Data were not acquired and/or are not presented	Data are tabulated but are not described, or the presentation is not clear	Tabulated data are included and accompanied by clear graphic representation and written description	Data tables are clear and complete. Graphic illustrations of data powerfully support the Analysis, interpretations and arguments
<b>Data Analysis</b>	Poor analysis, lack of textual description of the data	Weak analysis that makes simplistic or minimal statements of what the data show; reflecting a lack of ability to 'read' the data	Sound analysis that reflects understanding of the data and ability to compare and contrast data sets	Excellent analysis that offers clear description of datasets and makes original and insightful comparisons/ connections
<b>Interpretation and Supporting Arguments</b>	Weak, invalid, or no argument with simple assertions	Some arguments valid and well supported, some not	Main arguments valid, systematic, and well-supported	All arguments both well-supported and compared to conflicting explanations
<b>Scope/ Complexity</b>	Frames complex questions as simple ones	Invests questions with some complexity, may over-simplify or over-extend	Reasonable balance between focus and complexity	Frames the topic with full appreciation of its complexity while retaining appropriate focus

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<b>Writing</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>
<b>Grammar and Spelling</b>	Significantly impairs readability	Frequent or serious errors	Some minor errors	Virtually no errors
<b>Organization</b>	Needs significant reorganization	Structure is of inconsistent quality, may have choppy transitions and/or redundancies or disconnections	Structure supports the argument, clearly ordered sections fit well together	Structure enhances the argument, strong sections and seamless flow
<b>Clarity and Style*</b>	Gets in the way of reading for content	Beginning to be comfortable with appropriate conventions, style is inconsistent or uneven	Effective prose style, follows relevant scholarly conventions, emergence of voice	Mastery of the genre, including elegant style, established voice
<b>References</b>	Few to no citations, inconsistent or inappropriate formatting of bibliographic information	Many citations, but may be incomplete, bibliographic information exists but may not match all citations	Citations generally included where appropriate in text, complete bibliographic information, correctly formatted with few errors	Rich diversity of citations included in all places necessary, bibliographic information complete and correctly formatted
*Appropriate to Geologic Genre				