

GEL 1020 - GEOLOGY OF COLORADO

LAB 1: MY CELL PHONE & COLORADO RESOURCES LAB

Name:	Date:
GRADE:	/50



ALL ANSWERS MUST BE TYPED USING A WORD PROCESSOR! This includes chemical formulas, equations, tables and special characters. Become intimately familiar with these functions in your preferred word processor. Be familiar with placing and sizing visuals into a written document.

GRADING

In general, for each fault in layout, grammar, spelling, content, concept, format, presentation, expression, design, citation, missing content, etc. I will deduct points. Multiple points can be deducted for larger infractions, such as missing content. Be aware that repeat mistakes will count MORE THAN ONCE !

RUBRIC:

/5 COMPOSITION & LAYOUT - one or multiple point deduction per infraction

The appearance is neat and orderly. A title page mentioning the assignment, course name, your name, and date. Everything is typed and any graphics, data or tables used are electronically prepared. Pictures are placed in a coherent form. Proper formatted citations are included.

/5 WRITING & GRAMMAR - one point deduction per infraction

Spelling and grammar are correct. Word repetition and use of first person language is avoided. Statements are factually correct. Appropriate and complete language is used. Scientific notations / abbreviations as well as subscripts and superscripts are appropriately formatted.

/10 LOCATION MAP (10 localities 1pts ea.) - one or multiple point deduction per infraction

Should have a FIGURE CAPTION and a legend. Map and Map entries are clear, sharp, and show good details.

/20 POPULATED TABLE (10 materials, resources, locations) - one or multiple point deduction per infraction

Table is complete and factually correct. Includes at least 10 cell phone materials, resource minerals that are used to produce the material, and location where it is mined. Follow the template below

/10 10 CITATIONS (1 pts ea) - one or multiple point deduction per infraction

You must use a minimum of 10 properly formatted APA style citations)

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Instruction:

1. Research: What materials are in your cell phone? Make a list and CITE the source of your information.
2. Research: What is the resource for these materials? Make a list of **at least 10** different minerals / rocks / or other natural resources that are the foundation for making your cell phone materials. CITE the source of your information.
3. Research: Find out WHERE in Colorado these resources can be found and which of these resources would need to be imported. If you need to import, what would be the closest source to Colorado. Show on a map graphic with label.
4. Complete the lab by populating the table(s) below. Turn in your completed lab on CANVAS by the deadline!

Material	Resource	Where found?	Citation
1. Glass	Quartz Feldspar		
2. Plastic			
3.			
4.			

Material	Resource	Where found?	Citation
5.			
6.			
7.			
8.			
9.			
10.			

CITATIONS: ALL citations should be processed through the ZOTERO citation database software, freely available at <https://www.zotero.org/> . At minimum you should cite the basemap used.

Citations should follow the APA citation standard!

[Insert your electronic location map here!]