

Name _____

GLG 110 - Homework #7
COPPER MINING & MINE TO MARKET – 10 pts.

Make a colored sketch and/or flow chart showing the method used to refine copper. Use colored pencils for your sketch (no crayons or markers, please). Visit the web site, <http://www.azcu.org/publicationsMineToMarket.php> for information regarding copper refining methods. Two methods are shown and discussed. We talked about these methods in class. One method is used for Copper Sulfide and another for Copper Oxide. Pick only one method and illustrate that method. Be sure to tell me which method you are choosing. In one paragraph, explain in your own words, the sketch/flow chart detailing what happens in each step of the mine to market process.

Rubric:

Write-up neat and organized – 2

Grammar, spelling, sentence structure – 2

Copper Sulfide process – 6

(Exploration/discovery, mining, milling, concentrating (floating), smelting, electro-refining, fabrication)

OR

Copper Oxide process – 6

(Exploration/discovery, mining, acid leach, electro-winning, fabrication)

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