

Copper Mining Worksheet

Observations

Azurite rock observations

Reaction observations

Nail and solution observations

Final solution observations

Post-Lab Questions

1. What happened to the azurite rock when the sulfuric acid was added?
2. Based on the information in the *Background* section, speculate about the metal composition of the nail. Cite any specific evidence that led you to this conclusion.
3. Speculate how the solution would change over time if the nail was allowed to sit in the solution over night.