Data Submitted (UTC 11): 11/2/2022 2:01:52 AM First name: William Last name: Jennings Organization:

Title:

Comments: I read through the 127-page document and the 29-slide powerpoint. I thought the project looked thorough. I was happy to read that activated charcoal will be used to precipitate gold, and that crushed limestone will be used to precipitate arsenic. Firsthand, I don't know the soil biochemistry of the site, but I would suggest that supplies include bulk activated charcoal to possibly protect the environment. Additionally, I speculate that local fluorospar might be used in conjugation with the crystalline arsenic recovered, possibly as a reactive agent to alloy heavy atomic elements into steel. Finally, I was interested in the As-contaminated soil, I thought perhaps that the spent tailings could be bio-accumulated in a fibrous plant, and then used in composite materials. I don't know that my ideas and perspective would be useful to any chemists or ecologists working on the Gold-Stibnite project, but I offer my thoughts in good faith.