

Research and Mineral Mapping Subcommittee Meeting  
September 21, 2020  
10:00 a.m.

**Roll Call**

Tim Eisele – present  
Steve Kesler – present  
Snehamoy Chatterjee – present  
Adam Wygant – present  
Sharon Schafer – present

The meeting began at 10:00 a.m.

Subcommittee members went through the list of topics they established and figured out which ones could be put together if they were similar. This will make it easier to do research and set goals for the subcommittee to accomplish.

What land is open for exploration? What land is not developed and is open for development? We are working on a bill right now for mining. It does not impact underlying zoning. The bill will ensure zoning or land use classification. If we had a map, it would be useful for someone who is mining. The map could show mineral potential, and it could be coded

Can we explore for new ore bodies and research into waste and reclamation?  
We can reprocess ore, but is this mining? The DNR let a company rework piles, but this is not mining. We can compile all existing policies with new ones to have one list and have a geology map. A brownfield map would be useful.

Past mines with tailings or waste rock piles with potential to be remediated is a project in itself. EGLE has a lot of information at core facilities to help junior mining companies. Some people look on the computer for good ideas. The DNR has a strong mapping section, and this would be a good project for them.

There is an electrification push for vehicles. Minerals and metals are needed for vehicles, batteries, etc. A lot of people are looking for good things to do. Principle investigators need to solve problems with universities.

How can ore be processed so the money goes to institutions for research?  
Companies need to do research. The state cannot do it unless the industry gets involved. Industry needs to contract the work out to make sure someone can do it.  
What do we look for and where do we look? What could we mine and how do we mine

it? We could look in a database, but we would need significant funding. We could categorize mineral potential to attract industries, and they could put out the money for research. We could work with them to accomplish this. We need to try new things and not just go with what we have been doing in the past.

Helium is a good place to start, because it is valuable and a hot commodity. It is always associated with natural gas, but it does not have to be.

Is there an inconsistency with acid mine draining? It depends on what type of minerals you have. You could come into contact with other minerals, too. Iron will be around for a long time, and people are interested in an innovative way to make it easier. A map could be created with this information for people to use.

The list of things to accomplish should be narrowed down into three buckets. Adam and Tim will work on this so they can report back at the October 13 meeting.

A motion was made by Steve Kesler to adjourn at the meeting; it was seconded by Snehamoy.

### **Adjournment**

The meeting adjourned at 11:39 a.m.