



## Operations Update - October 2021

**November 9, 2021**

### **Permitting:**

The Exploration License from the Montana Department of Environmental Quality was granted in October 2021. The license allows for drilling a total of 29,300 feet from 35 holes. Additionally, the license allows for the repair of the existing Chief Joseph decline which accesses the 200 level and an additional 1500 feet of new decline to connect with the 350 level of the Lexington Mine. The 350 level has 18 major veins as identified by prior operators.

### **Drilling:**

Drilling has begun at the Badger drill sites. The drill crews are working a 24/7 schedule utilizing a 20 days on and 10 days off rotation. A second drill will arrive mid-November to begin drilling at the Missoula Gulch sites.

In the three HQ sized core holes drilled as of this writing (with a fourth hole already started), six veins have been intersected with two more veins targeted prior to the completion of the fourth hole. The best intercept so far showed a 50-foot downhole length of apparent vein mineralization.

### **Assaying:**

The first batch of drill samples will be shipped to SGS labs by mid-November. Several surface samples from historic trenches will be sent to the lab with this batch of drill samples. We expect assay results from these samples sometime early next year.

There were 160 core splits taken from historic core sent to SGS labs late this summer. We received the silver and gold assay results and await the zinc and lead assays. These core splits were taken to confirm the original assay results from the historic drill holes. Several shoulder samples adjacent to the veins were also taken to determine if the hanging wall and foot wall contain mineralization.

We have identified about 290 drill holes near and above the water table in the Rainbow block. Stored in our Badger hoist house are about 21,000 feet of the historic core.

**Information Compilation, Digitization, and 3D Modeling:**

Scanning of the many thousands of maps, sections, plans, reports, assay information, drill hole information, etc. is ongoing. We are very fortunate to have so much historic information available to us. Over 5000 maps have been digitized to date for use in the 3D modeling. The modeling shows extensive vein systems and continues to be a very useful tool in our exploration planning. More to come!

