

Figure 1. Post-Tax NPV and IRR Sensitivity Plots

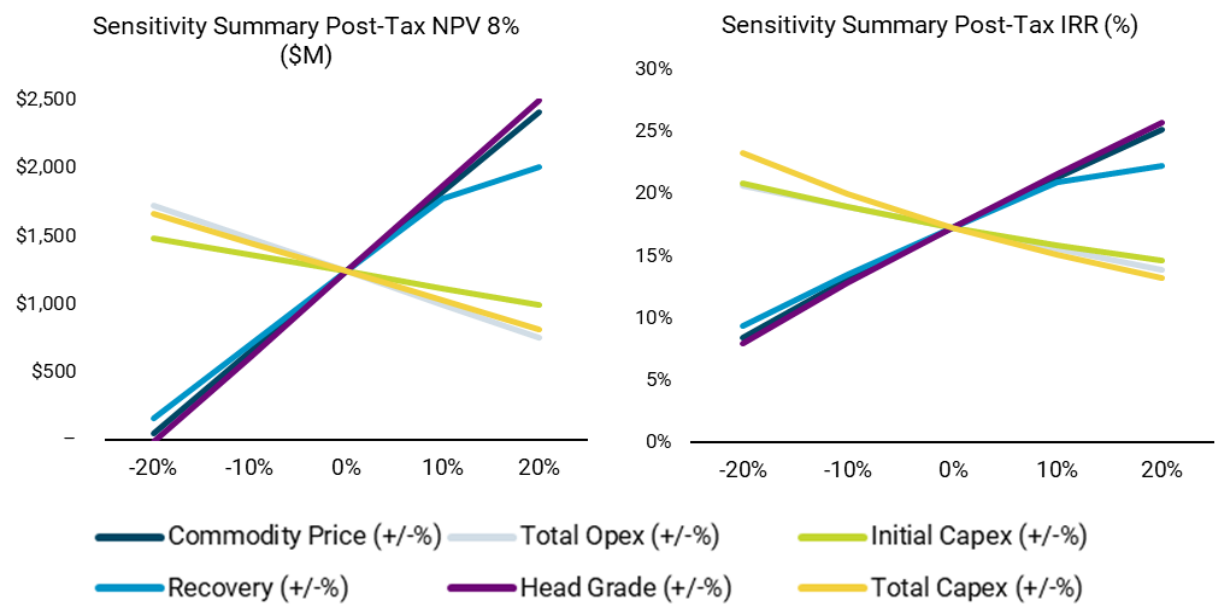


Figure 2: Preliminary Economic Assessment Mine Plan and Schedule

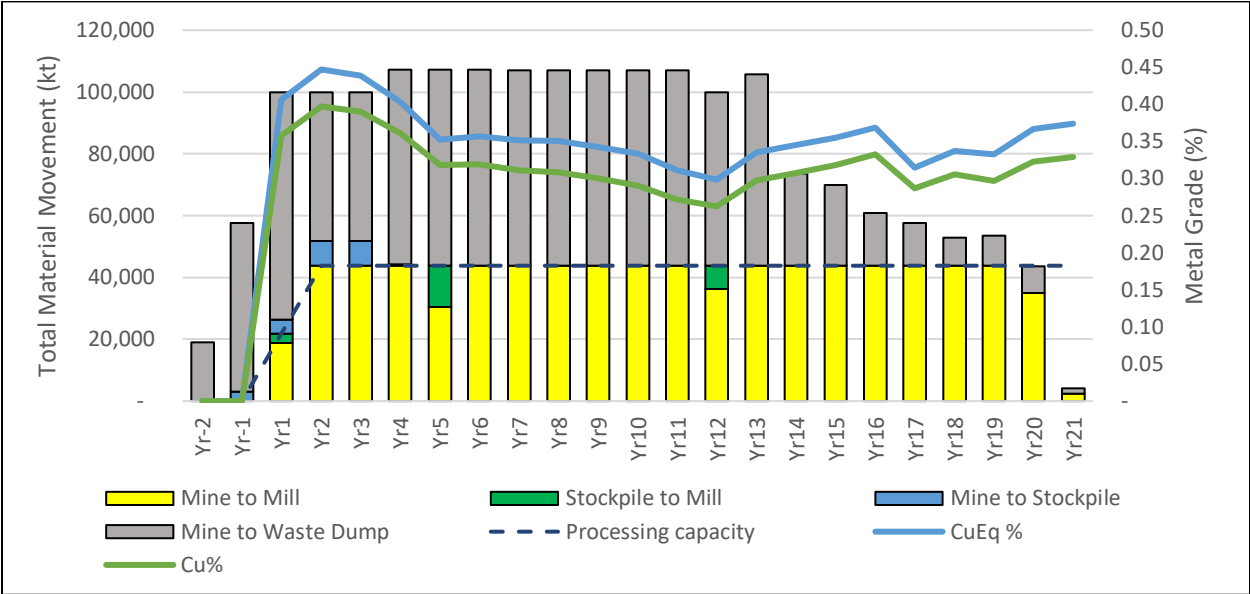
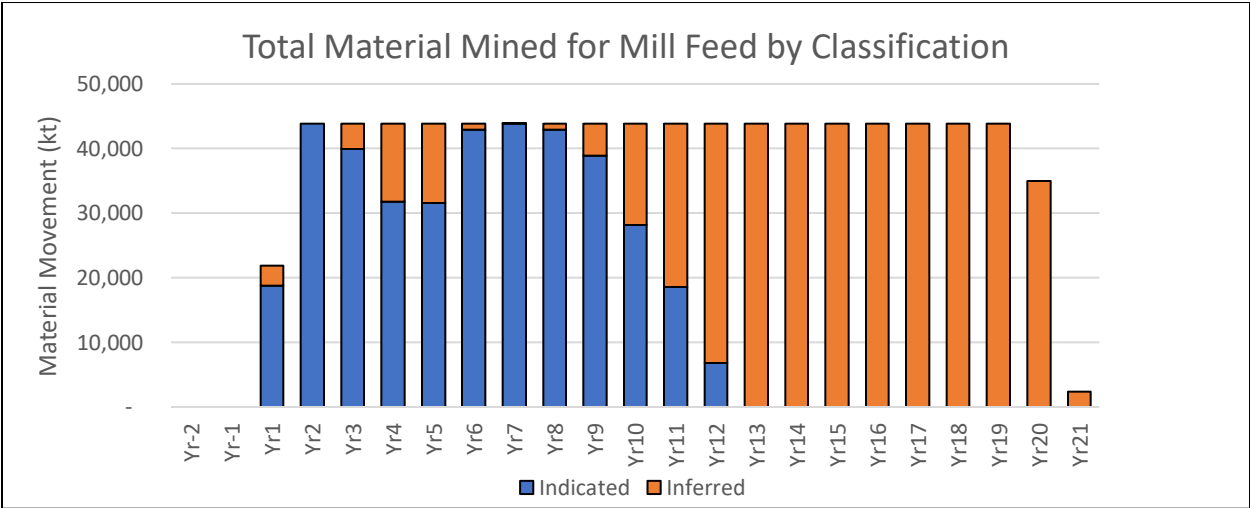


Figure 3: Classification of material for processing



The diagram illustrates the process flow for the Molybdenum Concentration Plant. The process begins with ROM (Run of Mine) material, which is fed into a Primary Crusher. The output of the Primary Crusher is sent to a Mill Feed Stockpile. From the stockpile, the material is transported to a Secondary Crusher. The output of the Secondary Crusher is sent to a Secondary Screen. The material from the Secondary Screen is then fed into a Regrind Mill. The output of the Regrind Mill is sent to a Regrind Cyclone Cluster. The material from the Regrind Cyclone Cluster is then fed into a HPGR (High Pressure Grinding Rollers) unit. The output of the HPGR is sent to a Primary Cyclone Cluster. The material from the Primary Cyclone Cluster is then fed into a Ball Mill. The output of the Ball Mill is sent to a Tailings Thickener. The material from the Tailings Thickener is then fed into a Sand Cyclone. The output of the Sand Cyclone is sent to a Slime Thickener. The material from the Slime Thickener is then fed into a Tailings Storage Facility. The diagram also shows the use of HPGR and a Ball Mill for regrinding. The process includes multiple stages of flotation (Copper Cleaner Scavenger, Copper Cleaner 1, 2, 3, and Molybdenum Cleaner 1, 2, 3, 4, 5) and conditioning tanks. The final products are Molybdenum Concentrate, Copper Concentrate, and Tailings.

Figure 5: Mine Infrastructure, Pits, Process Plant Layout, Tailings and Waste Rock Storage Facilities

