



Kennecott Eagle Minerals will create 500 construction jobs and 220+ jobs during operations

ABOUT KENNECOTT EAGLE MINERALS

Kennecott Eagle Minerals is the owner, developer and future operator of the Eagle Mine in western Marquette County in Michigan's Upper Peninsula. A wholly owned unit of Rio Tinto, Eagle will be the only primary nickel mine in the U.S.

Rio Tinto is a worldwide leader in mining and exploration. The company discovers, mines, processes and supplies metals and minerals that make modern life work. Rio Tinto has 77,000 employees worldwide and activities in more than 40 countries.

Kennecott Eagle Minerals
504 Spruce Street
Ishpeming, MI 49849
P 906.486.1257
F 906.486.1053
kennecotteagleminerals.com

PROJECT OVERVIEW

Kennecott Eagle Minerals is building a truly world class underground nickel-copper mine in Michigan's Upper Peninsula.

The Upper Peninsula's economy has historically relied on its natural resources and Kennecott Eagle Minerals is proud to be leading the resurgence in mining activity. In building Michigan's first new mine in decades, Kennecott is dedicated to safety, protecting the environment and to putting area people to work.

The \$469 million Eagle Project is scheduled to begin operations in 2013. Eagle is expected to produce 300 million pounds of nickel, 250 million pounds of copper and small amounts of other metals over its 7 to 8 year productive life. As part of our commitment to the region, Kennecott will continue to explore for additional resources in the Upper Peninsula.

The small, high grade Eagle deposit will be accessed via a mile long decline tunnel. The ore will be extracted using an underground method called "long hole stope mining".

Once brought to the surface, nickel and copper ore will be transported by truck to the Humboldt Mill. Here it will be separated and milled into fine nickel and copper concentrates and then shipped by rail to an off-site facility for further refinement.

Upon cessation of mining operations, Kennecott will ensure that best practices are employed and that reclamation obligations are promptly and efficiently fulfilled. Returning land disturbed by mining to stable and productive post-mining land uses is a keystone of our commitment to prudent and responsible stewardship of the environment.

Eagle Project Profile



CONSTRUCTION SITE LEGEND

1. **Treated Water Infiltration System** - Infiltration system that slowly releases treated water back into the environment through a series of insulated, perforated pipes laying on the grounds surface.
2. **Power House** - Industrial facility for the distribution of power and backup generation of electric energy.
3. **Storage Facility** - Storage for supplies used in the mining operation.
4. **Water Treatment Plant** - A state of the art, reverse osmosis water treatment plant to purify water from operations.
5. **Truck Wash** - All vehicles leaving the main operations area are required to go through the truck wash to clean the vehicles before they leave the area. The truck wash is an enclosed system that recycles the wash water. Water that is not recyclable will be routed to the water treatment plant for processing.
6. **Mine Services Building** - The buildings and structures utilized for supporting the Eagle Project. These include offices, maintenance facilities, mine dry and other mine support services.
7. **Contact Water Basins** - All water that comes into contact with mining activities will be stored in two basins and pumped into the water treatment plant for purification. The basins are designed to hold water in excess of a 100 year rain event.
8. **Non-Contact Water Basin** - Storm water not directly related to mining activities will be collected in these basins. Water will flow to these basins and be naturally reabsorbed into the ground.
9. **Coarse Ore Storage** - Temporary storage facility for coarse, uncrushed ore that is brought to the surface. Underground mine trucks will off load the ore which in turn will be loaded into highway trucks and taken to the Humboldt Mill.
10. **Temporary Development Rock Storage Area** - Environmentally secure storage facility for development rock, all rock removed from the underground that is not considered ore. The facility features a multilayered liner, leak detection system and sump pump to collect water which will be treated by the water treatment plant. All development rock will be returned underground as fill.
11. **Portal** - Entrance to decline leading to the underground development and ore body.
12. **County Road Triple A**