



ZINC	GOLD	COPPER	SILVER	LEAD
512 Million Pounds	468 Thousand Ounces	51 Million Pounds	4.5 Million Ounces	24 Million Pounds



The Back Forty Mine is Aquila Resources, Inc.'s proposed open pit zinc-gold mine located in Menominee County in the South Central part of Michigan's Upper Peninsula. Along with zinc and gold, we will produce copper, silver, lead, and trace amounts of other precious metals that are vital to our everyday lives.

### >> PERMITTING

The Department of Environment, Great Lakes, and Energy (EGLE) issued all of the permits necessary to construct and operate the mine. These approvals include the Nonferrous Metallic Mineral Mining permit, Michigan Air Use permit to install, the National Pollutant Discharge Elimination Permit (NPDES), and the Wetlands permit. We continue to move ahead on several key initiatives including pre-construction and final engineering.

### >> MINING

The operation will encompass a single open pit that we'll mine with conventional mining equipment in three phases. We will produce approximately 4,800 tonnes (5,300 tons) between two on-site processing plants. Gold-silver Doré will ship to a mint, where it will be further refined to separate the gold and silver. Zinc-copper-lead concentrates will be loaded into covered tractor trailers and transported to a transfer station before being placed in rail cars and transported to our customers. We will continue our exploration efforts for potential expansion. When mining finally ceases, we will reclaim the site and carry out post-closure monitoring.

## STRENGTHENING THE ECONOMY

The Back Forty Mine will provide significant benefits for Lake Township, Menominee County, the surrounding region, as well as the State of Michigan.

Looking forward, we will:

- Invest approximately \$260 million into the construction of the mine
- Create roughly 350 construction jobs, plus 240 direct and 100 indirect jobs during operations
- Contribute an estimated \$10 million in taxes each year to federal, state, and local government
- Pay more than \$2 million in royalties annually

## >> PROTECTING THE ENVIRONMENT

We're committed to responsible environmental management across all of our business activities, including exploration, construction, operations, and closure. We are proactive in our approach to safeguarding the environment, especially in the protection and conservation of the Menominee River watershed. We understand the importance of responsibly extracting natural resources and in preserving the environment that is so vital to all who live here.

Our on-site water treatment plant will ensure the water we discharge meets the requirements of our NPDES permit. The EPA and the State of Wisconsin have reviewed and determined the conditions of the permit will meet all water quality standards applicable to the Menominee River.

## >> CLOSURE

We will carry out and pay for all reclamation activities required by our mining permit. Upon cessation of reclamation, the land will be compatible with existing uses on adjacent properties. Examples of reclamation activities include backfilling the open pit, removing all buildings and infrastructure, capping the tailings facility, and revegetation to the sites original forested condition. The state requires non-ferrous mining companies to provide financial assurance to the state before starting any construction or mining activity. This provision ensures the state has the right amount of money available to close and reclaim the site at any given time if the company is unable to do so. It also protects taxpayers and the community from these obligations.

## BACK FORTY SITE MAP

