

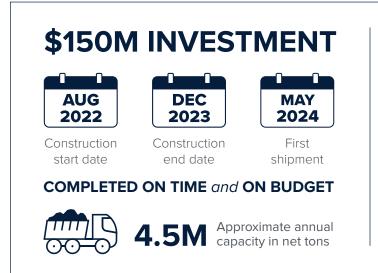
## Keetac DR-Grade Pellet Plant INVESTING IN THE FUTURE OF STEEL

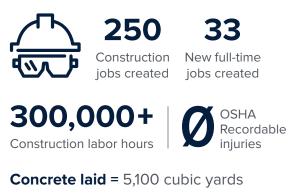
U. S. Steel's \$150 million investment in DR-grade pellet capability at Keetac represents a step forward in the company's metallics strategy. This investment enables U. S. Steel to produce direct reduced (DR)-grade pellets that are a vital raw material for more sustainable steelmaking—steelmaking that is more energy efficient with less greenhouse gas emissions.



## FACILITY OVERVIEW

The Keetac facility can produce up to 4.5 million net tons of DR-grade pellets, which are sold to thirdparty steel producers, while maintaining the ability to produce blast furnace (BF) pellets to supply U. S. Steel's stateside operations. This offers superior optionality in plant operations.





Structural steel placed = 3,500 tons Feet of pipe laid = 36,000



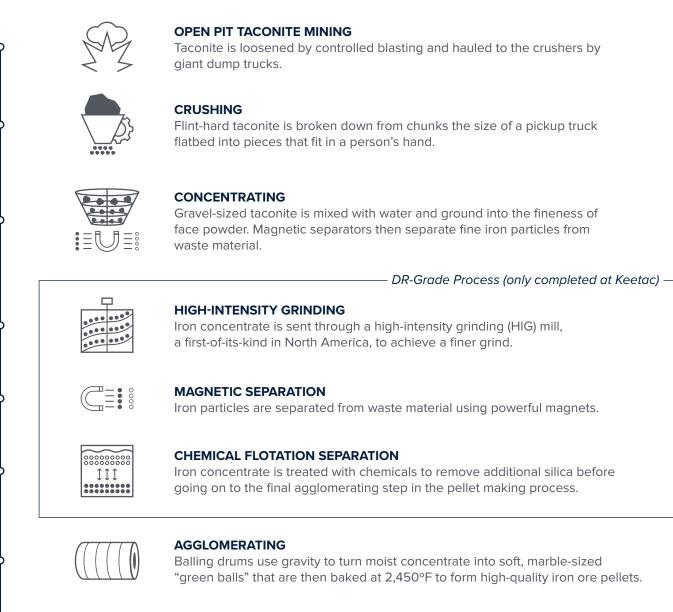
**United States Steel** Minnesota Ore Operations Keetac

## THE PROCESS

At Minnesota Ore Operations, taconite is mined at two open-pit mines and processed into marble-sized pellets. Both Minntac and Keetac use the same methods to mine, crush, and concentrate to form finished pellets. At Keetac, additional steps are added between the concentrating and agglomerating processes to produce direct reduced (DR)-grade pellets.

## WHAT IS TACONITE?

Primarily found in northern Minnesota, **taconite is a naturally occurring rock** with 15-35% iron content.



Pellets are shipped to U. S. Steel's facilities (blast furnace pellets) or third-party steel producers (blast furnace and DR-grade pellets).

