

CAMBRIAN BLACK® QUARRY

SUSTAINABILITY REPORT 2017



POLYCOR

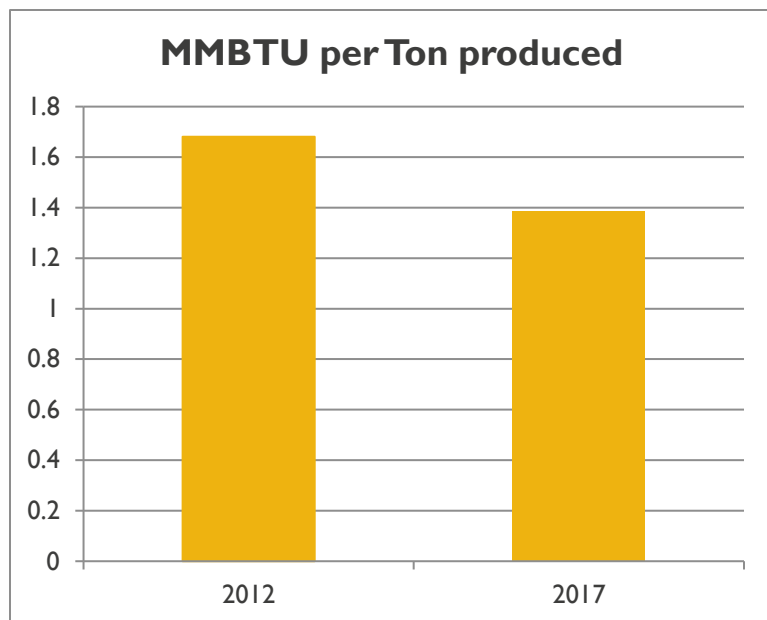
The following Cambrian Black® quarry Sustainability Report covers Energy Management and Excess Process Material & Waste Management for the Cambrian Black® quarry.

ENERGY

The Cambrian Black® quarry operations are powered by three main sources of energy: electricity, diesel, and gasoline. The electricity, which is made from hydroelectric sources, is a renewable source of energy. In 2017, energy from renewable sources accounts for **7%** of the Total Energy Consumed.

Since 2012, the Cambrian Black® quarry's energy consumption per ton of stone produced has been on an overall decline. From 2012 to 2017, MMBTU (Millions of British Thermal Unit) per unit produced fell from 1.681 to 1.386. In terms of energy consumption, this is a total reduction of **17.5%**.

In 2018, the Cambrian Black® quarry's goal is to reduce energy consumption by 2% each year over the next five years, reaching a total reduction of 10% in 2023. This will be accomplished by reducing idle times, replacing outdated equipment, upgrading inefficient lighting and consolidating tasks using machinery.

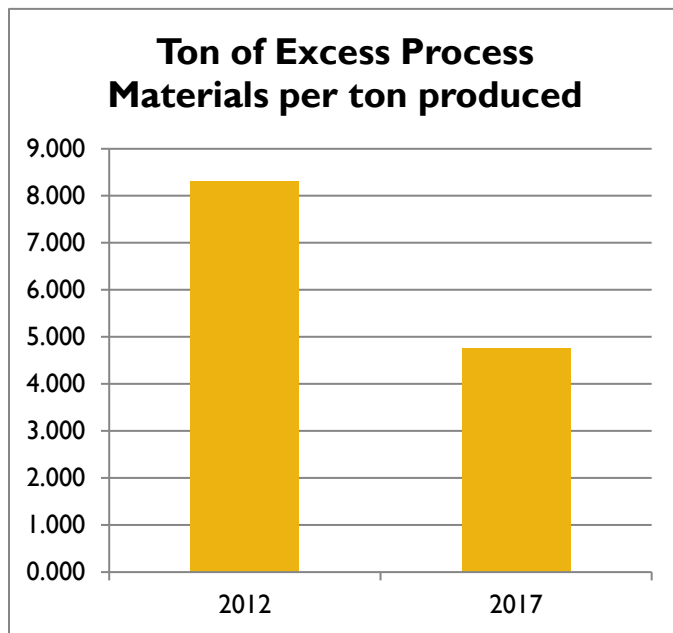


EXCESS PROCESS MATERIAL

The quarry's two main sources of excess materials are roughbacks and breakage. All excess process material is accumulated to one side of the quarry site to be reclaimed when and if the quarry site is closed. However, Polycor is always looking to improve material yield.

Since 2012, the Cambrian Black® quarry has achieved a total reduction of **42.7%** in terms of excess process materials. As a matter of fact, the total quantity of excess material per unit produced fell from 8.302 tons in 2012 to 4.756 tons in 2017. This reduction has been accomplished by major improvements made to our cutting operations.

The Cambrian Black® quarry's goal is to reduce excess process material by an additional 2.5% or more over the next 5 years. This means a material yield improvement of 0.5% per year.



SOLID WASTE

At the Cambrian Black® quarry, solid waste is mostly produced by the maintenance workshop and the office. The five main categories of solid waste are trash, recycling, empty containers (reclaimed by suppliers), metals, and hazardous materials. Each category is picked up by a different waste management company. It is important to note that the Cambrian Black® quarry acts as a central quarry providing maintenance and dispatching for five to six other Polycor Quarries. This means that part of the waste generated by the quarry could in fact come from other sites.

Unfortunately, the Cambrian Black® quarry was not able to measurably reduce solid waste between 2012 and 2017.

The Cambrian Black® quarry's goal is to reduce solid waste by 5% or more over the next 5 years.