PRODUCT: Redi-Liner Ceramic Modular Lining System
PRODUCT CATEGORY: Flow & Anti-Wear
LOCATION: Leslie Vale Quarry, Tasmania, Australia
CONVEYED MATERIAL: Crushed dolerite, 2 3/8” (60mm)
EXISTING WEAR LINER INSTALLED: Hardox 500 steel wear liner 9kg
RATE: 250 tons per hour
INSTALLATION DATE: February 2010
DATE OF FIRST SERVICE INSPECTION: May 2011

PROBLEM DESCRIPTION: Leslie Vale Quarry produces more than 700,000 tons a year of high-quality hard rock dolerite products, supplying the construction industry with high-quality aggregate in road base materials.

In addition to their fixed plants, at Leslie Vale they operate a modern fleet of track-mounted mobile crushing and screening plants, comprising primary, secondary and tertiary units, screens and pugmills. The plant can be configured to suit many applications with crushing and screening units having a production capacity of up to 250 tons an hour.

A consequence of the volume of their crushing operations was the high frequency of replacement of the existing steel wear liner, lasting on average only 5 months.

“Kinder & Co. suggested I trial the Redi-Liner Ceramic panels because of their superior wear properties. I was getting very frustrated with the inadequate performance of the Hardox product for our quarry’s needs.”
RESOLUTION:

“Your follow-up phone call has come just at the right time because I need to re-order a new panel. The Redi-Liner Ceramic Lining System has lasted for over 3 years. It is so much better than the Hardox panels that I used previously, and has far exceeded my expectations.

“I can get on with my job because it’s one less product I need to shop around for. I know I can rely on Kinder’s Redi-Liner.”

Photo taken on site at Leslie Vale Quarry 15 months after installation