

# BELZONA 1811 CERAMIC CARBIDE EXTENDS LIFE OF PUMP CASING

ID: 5198

Industry: *Mining & Quarrying*  
Application: *CEP-Centrifugal Pumps*  
Substrate: *Stainless steel*  
Products: *\* Belzona 1811 (Ceramic Carbide) ,*

Customer Location: *BC, Canada*  
Application Date: *June 2000*

## Problem

*Pumping drainage water from a gravel pit has a high percentage of entrained solids causing major erosion damage to pumps*



## Photograph Descriptions

- \* View of Pump ,
- \* Close-up of pump showing extent of erosion ,
- \* The internal surfaces of the pump casing are protected with Belzona 1811 ,

## Application Situation

Erosion on gravel slurry pump

## Application Method

Application carried out in accordance with a modified version of Belzona Know-How System Leaflet CEP-1

## Belzona Facts

Coating the internal surfaces with a sacrificial coating such as Belzona 1811 ensures that the pump casing can be recycled many times over

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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manufactured under an ISO  
9000 Registered Quality  
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