

project brief

TYPE OF FACILITY:

Underground Nickel Mine

BHP Billiton - Cliffs Nickel Mine

■ Mt Keith, Western Australia

The BHP Billiton Cliffs project is a new development of an underground, narrow-vein nickel mine located in the Northern Goldfields of Western Australia.

Victaulic was chosen for the underground Paste Fill piping system due to the high pressures associated with the project. For systems with pressures to 2500 psi/17235 kPa a single groove "ES" system is available. It also allowed for pipe to be installed underground without the need for any hot works and provided a rapid installation time reducing the construction time and amount of required labor.

SPECIFICATIONS:

SERVICES:

Paste Fill

PIPE MATERIALS:

Carbon Steel

PIPE SIZE RANGE:

6"/168.3 mm



MARKET:

Mining

VICTAULIC SOLUTIONS:

- No hot works
- Reduced construction time
- High pressure capabilities

OWNER:

BHP Billiton, Nickel West

ENGINEER/CONSULTANT:

Downer EDI / Revell Resources

COMPLETED DATE:

2008



WCAS-7GDF6W