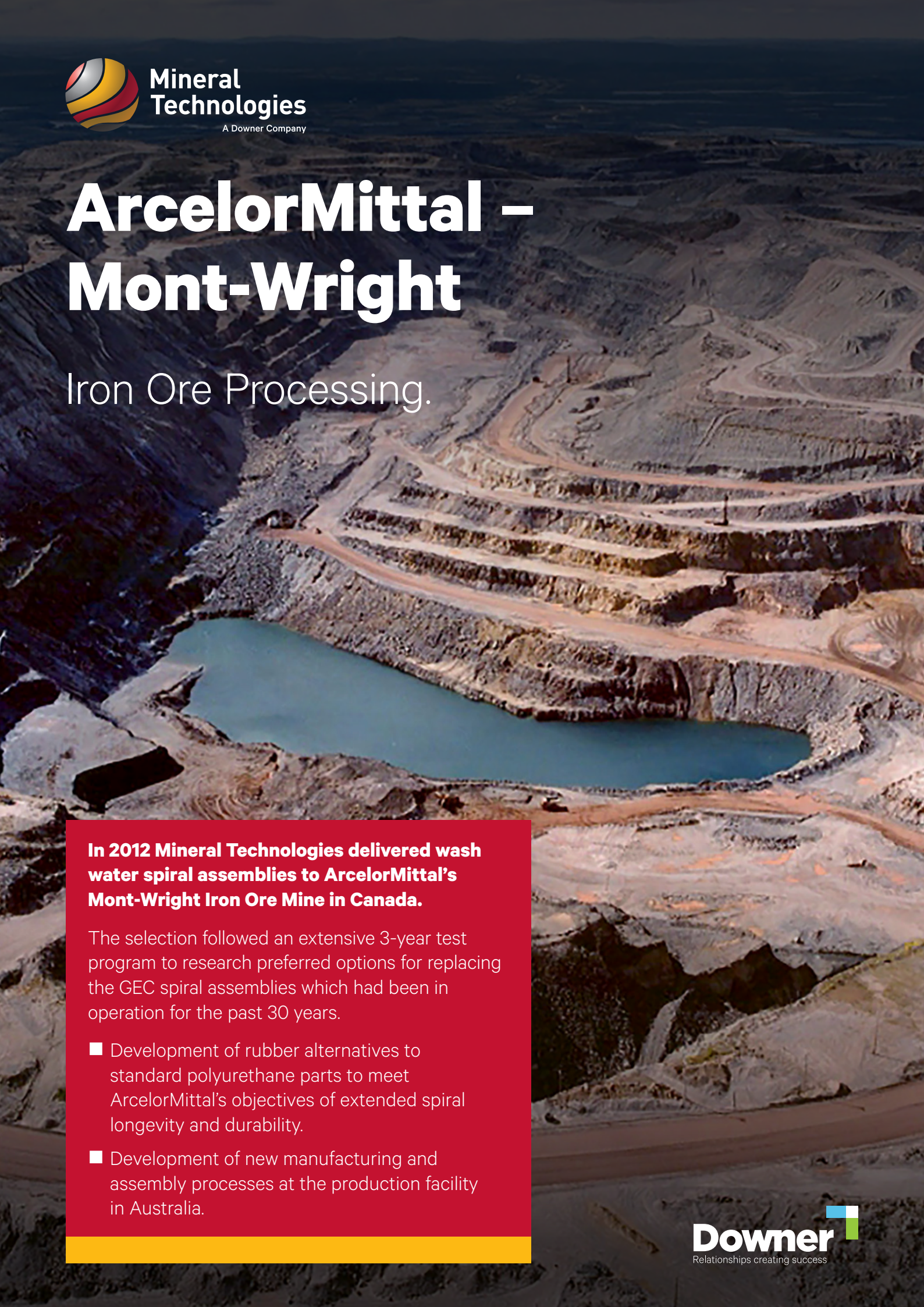
Mineral Technologies
A Downer Company

ArcelorMittal – Mont-Wright

Iron Ore Processing.



In 2012 Mineral Technologies delivered wash water spiral assemblies to ArcelorMittal's Mont-Wright Iron Ore Mine in Canada.

The selection followed an extensive 3-year test program to research preferred options for replacing the GEC spiral assemblies which had been in operation for the past 30 years.

- Development of rubber alternatives to standard polyurethane parts to meet ArcelorMittal's objectives of extended spiral longevity and durability.
- Development of new manufacturing and assembly processes at the production facility in Australia.

Downer
Relationships creating success

Project Profile

ArcelorMittal – Mont-Wright

Client ArcelorMittal

Location Canada

Capability Groups Mineral Processing

Commencement 2010

Completion 2012

Services Provided

- Process equipment supply
- Process equipment commissioning
- Operator training

Highlights

- 5,760 Iron Ore spiral starts delivered 2010-11
- 2,688 Iron Ore spiral starts delivered 2011-12
- Collaborative team effort with ArcelorMittal
- New features specifically engineered for Mont-Wright

Superior Technology

Mineral Technologies supplied wash water spiral assemblies to ArcelorMittal's Mont-Wright Iron Ore mine in Canada.

The selection followed an extensive 3-year test program to research preferred options for replacing the GEC spiral assemblies which had been in operation at Mont-Wright for the past 30 years.

The first order comprised 864 twin-start HC33 (high capacity) spirals for the rougher and 2016 twin-start WW6F spirals for the cleaner and recleaner circuits. At the time this was the largest Iron Ore spiral order in Mineral Technologies history.

The second order comprised 448 twin-start HC33 (high capacity) spirals for the rougher and 896 twin-start WW6F spirals for the cleaner and recleaner circuits.

To meet Mont-Wright's specific requirements, Mineral Technologies engineered innovations to the HC33 and WW6E spirals and developed new manufacturing and assembly processes at the production facility in Australia.

One of the key engineering innovations was the development of rubber alternatives to standard polyurethane parts to meet ArcelorMittal's objectives of extended spiral longevity and durability.