

774  
E55

# E&MJ

ENGINEERING AND  
MINING JOURNAL

INCORPORATING:  
**World Mining Equipment**

## Utah's Iron Mountain Mine is Back on Track

*Copper Miners Build  
More Capacity*

**CSR & Sustainability**

*Indonesia After the Ban*





## FEATURES

**Copper: Building More Capacity**  
*Copper miners are adding new tonnage. What effect will this have on prices, and will Chinese demand continue to mop up the market?* .....28

**Mining the Iron Mountain**  
*A historic southwest U.S. iron ore operation regains its production and market momentum after a decade of closure, now shipping magnetite concentrate to offshore customers and preparing to enter the North American market* .....36

**Retainer Technology Converts Old Harbor Cranes to Modern Material Handlers**  
*A simple but ingenious idea using container rotation technology has allowed an Eritrean mining operation to export its product at low cost* .....40

**Mining Sector Sustainability in 2014: A Global Game-changer** .....44

**Communities and Sustainability: More Than Mitigation** .....54

**Mining Sector CSR: Responsible Returns in a Warm Investment Climate** .....64

**Understanding Geological Influence**  
*The role of geometallurgy in optimizing mineral recovery is growing rapidly in importance. E&MJ reports from the recent conference in London.* .....74

**Clearing Up Pennsylvania's Bennett Branch**  
*More than a century after AMD virtually wiped out all aquatic life in the stream, Bennett Branch is now so healthy the state has added it to its trout-stocking roster* .....78

**Special Report: Indonesian Mining Industry in Transition**  
*Navigating the world's last great mining frontier* .....87

## LEADING DEVELOPMENTS

BHP Billiton Spinoff Will Create a New Global Mining Company .....4

Imperial Metals Spill Tailings in British Columbia .....5

West Africa Operations Threatened by Ebola .....6

## AROUND THE WORLD

**U.S. & Canada:** *Iamgold Reaches Commercial Production at Westwood* .....8

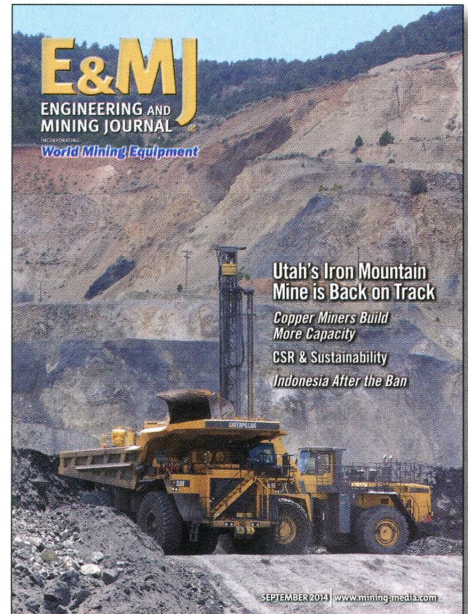
**Latin America:** *Goldcorp Pours First Gold at Cerro Negro* .....14

**Australia/Oceania:** *BHP Billiton Plans Large-scale Heap-leach Test at Olympic Dam* .....16

**Africa:** *AngloGold Restarts Operations Following Earthquake* .....18

**Asia:** *Oyu Tolgoi Signs Power Cooperation Agreement* .....20

**Exploration Roundup:** *Rio Tinto and Panoramic Consolidating Their Ontario PGM Projects* .....22



The historic Iron Mountain mine in southwestern Utah, USA, provided iron ore to U.S. steel producers for more than a century before the bankruptcy of a previous owner shut it down in the mid-1990s. CML Metals bought the property years later and has gradually returned it to fully active status—providing high-quality magnetite concentrates to international customers. (Photo: R. Carter, E&MJ)

## DEPARTMENTS

Calendar .....26

Classified Advertisements .....126

Equipment Gallery .....120

From the Editor .....2

Markets .....128

Operating Strategies .....108

People .....12

Processing Solutions .....118

Suppliers Report .....110

This Month in Coal .....24