Süreli Yayınlar 1984

Mining Magazine

JANUARY 1984

Rajpura-Dariba
India’s Hindustan Zinc Ltd opened two new mines in 1983 and Rajpura-Dariba, whose project history and current operations are described here, is one of them.

Loading granite in French quarry
Very hard rock is successfully loaded by a mid-range hydraulic excavator, supported by a wheel loader.

Flotation of Cu-Pb-Zn ores
Current plant practice in producing concentrates from complex Cu-Pb-Zn sulphide ores is discussed, quoting examples worldwide.

Scrapers
A review of applications at surface mines and the machines which are available.

Mineral reconnaissance
Two Irish ideas — hydrocarbon gas detection and a mobile drill rig — help speed location of blind orebodies.

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The Research Mine
An ambitious project at the Luossavaara iron ore mine in northern Sweden aims at developing cost-effective underground mining methods and equipment.

Rock Drill Bits
Various types of smaller diameter percussive and rotary drilling bits are considered and the major manufacturers are listed.

Elevating and Cross-Pit Conveyors
Mobile units are described which can convey coal up steep pit slopes and can carry overburden across strip mines for spreading in the spoils area.

Coal Preparation
Opportunities exist for updating and revamping coal treatment methods using high-speed solid bowl centrifuges.

Branching 46 mm Cored Holes
The development of new equipment for the deflection of small diameter diamond drill holes is described.

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Regeneration at Weipa
Details of restoration work after the mining of bauxite.

Tecnomin’84
A preview of Latin America’s most important mining conference and show taking place in Lima, Peru early in April.

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St. Joe’s zinc mining operations in New York State.
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