# Süreli Yayınlar

# Mining Magazine

#### JULY 1989

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Development of the Cooljarloo heavy mineral sand deposit, W.A.; Romania plans to broaden energy mix; Copper-gold deposits open for development in Haiti; Rotifunk rutile project, Sierra Leone; Centenary of nickel carbonyl discovery.

#### 26 Amélie Potash Mine

MDPA, Mines de Potasse d'Alsace, has developed considerable expertise in mining the potash deposits in northeastern France.

#### 34 Flotation at Nchanga

In modernizing the Nchanga flotation plant, Techpro compared large flotation cells with column flotation. The authors discuss the advantages and disadvantages of each type of cell.

#### 40 Pvhasalmi Concentrator

A high degree of instrumentation and computer-aided control enables operators at this Outokumpu mill to optimize the economic results not always the same as maximum metallurgical grades or recoveries.

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Geoff Pearse looks at the range of hydraulic drills currently available and the developments which have occurred in this field over the past 20 years.

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A summary of papers presented at the June conference in Harrogate organized by the IMM in association with the I. Min. E. and Institution of Civil Engineers.

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This major zinc-lead mine in northern Spain has both openpit and underground workings, the latter employing two different methods to recover the ore.

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Given the right conditions, smelter slag can be utilized as a constituent of cementitious backfill for use in mines.

#### 124 Earth from Space

Geologic mapping of the earth from space is a useful tool. The author gives recent examples and outlines possible future developments.

#### 129 The Hospital at Tembagapura

An essential part of the infrastructure supporting any remote mine is its hospital. The author describes the facilities at Freeport Indonesia's copper mine in Irian Jaya.

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Some of the new products at this important mining show held in Düsseldorf during May are described briefly.

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