

# Sürelî Yayınlar

## Mining Magazine

### JANUARY 1990

- 6 Panorama  
Underground mining at Ballyno, Ireland; The World Bank looks at African mining; Zinc pressure leach plant in the F.R.G.; Hipasam, Argentina, set to expand iron ore output; Open File report on Au and Pt mineralization, Greenland; Scottish lead mining history trail.
- 20 Aznalcollar  
« Mining and processing operations at this open pit mine in Spain which produces 3.5 Mt/y of complex pyrite and pyroclastic ores.
- 26 Solvent Extraction of Copper  
An overview of developments in a process which accounts for over 10% of primary mined copper production.
- 36 Manganese  
A review of current production worldwide coupled with an examination of the major market outlets
- 41 Mining Survey  
The Western World's metal mines: a survey by Mining Journal Research Services. Introduction, 41; Analysis by size, 42; Current operations, 43.

### FEBRUARY 1990

- 86 Panorama  
Westar's 7 Mt/y Balmer coal mine; Diamond exploration in Saskatchewan; Kennecott to expand Utah copper operation; International Commission to study magmatic ores; British Columbia's Geological Survey - a growing resource; Cutback in Cornish tin mining.
- 100 Bidjovagge  
Mining and processing operations at this Outokumpu-owned open pit/underground gold-copper mine in northern Norway.

- 108 The Armorican Massif  
Isabella Thauvin summarises recent exploration activity and outlines the potential of this part of France.
- 112 Reclaiming Tailings  
John Palmer outlines methods used on old Pb-Zn mine waste dumps in Wales.
- 116 Canadian Exploration  
Ed Schiller reviews current activity, which may point the way to the 1990s.
- 118 Samplex Drill System  
John Prochnau describes a new drilling tool which improves the results obtained with reverse circulation drilling.
- 128 Dataplan  
A new way for corporations to do operating and financial planing, getting information from borehole to boardroom in the shortest possible time.
- 136 Computer File

### MARCH 1990

- 162 Panorama  
Zoning of magmas in volcanic eruptions; Coal pillar reclamation in Poland; Coal slurry fuel plant for China; U.K. opencast coal mine to become main road; Coal pipeline studies in Canada; Ontario Hydro's energy plans.
- 172 Eskay Creek  
Details of this discovery in British Columbia's "Golden Triangle".
- 177 Samplex Drill  
Further notes on the drill system described last month.

**180 Steerable Shaft Drilling**  
Quite deep shafts can now be drilled directly from surface using steerable equipment to ensure correct alignment. The various machines currently available to carry out this task are described.

**190 Birkshead Gypsum Mine**  
Specially - designed single boom electro-hydraulic crawler drills have enabled gypsum production targets to be met at this underground mine in the north of England.

**194 Condition Monitoring**  
Practical data-processing systems monitor LHD performance, help reduce down-time.

**200 Mergers and Acquisitions**  
A leading consultant discusses the many factors involved.

**206 A Mine Fire Isolated**  
The author describes how a foam resin was successfully used to seal a roadway from a remote location when a fire broke out in a coal mine in France.

## Mining Engineering

### JANUARY 1990

**21 Marine placer development and opportunities in Alaska**  
*J.C. Barker, M.S. Robinson, and T.K. Bundtzen*

**26 Offshore placer drilling technology: A case study from Nome, Alaska**  
*M.A. Bronston*

**32 Grinding and particle size are critical to the profitability of industrial minerals**  
*Steve Krai*

**35 Using business "due diligence" to help evaluate mineral deposits**  
*Harleigh V.S. Tingley*

**101 Development of an underground gold mine in the Tati schist belt, Botswana**  
*P.J. Ryan*

**107 Novel fire warning system for underground mines**  
*K.E. Hjelmstad and W.H. Pomroy*

**112 Limestone mining: Reserves and valuation**  
*B.C. Lewis and R.P. Moran*

### FEBRUARY 1990

**165 Operations outlined for Venezuela's Paso Diablo coal project**  
*Dana Echter and C.A. Bonnezzi*

**168 Treating refractory gold ores**  
*Lane White*

**175 Blasting practices updated at Cannon mine**  
*Clark J. Gilbert*

**181 Wage and salary profiles:**

- Mining labor survey sheds light on wages and benefit plans  
*J.B. Leinart and O.L. Schumacher*
- Mountain States Employers Council projects pay increases at 3.9% in 1990  
*Joy Sandberg*
- Comann survey shows increased compensation for minerals executives  
*R.Kent Comann*
- Hiring practices and salaries vary by industry segments  
*Gary Repetto*

**187 Short-term mine planning and grade control practice at the Mesquite mine**  
*L Grady, V.Holm, R. Mitts and P. Brumit*

**191 Physical model study of differential settlement on reclaimed land**  
*R.J. Sweigard and M. Rohatgi*

**195 Paleoplacers of the Witwatersrand basin**  
*W.E.L Minter*

**200 TECHNICAL NOTE: A study of autonomous vehicle technology application in mining**  
*R.H. King*

**202 DISCUSSION: Design of grinding balls**  
*D.J. Dunn*

## MARCH 1990

- 251 Interview with Roshan B. Bhappu, 1990 President of the Society for Mining, Metallurgy, and Exploration  
*Tim O'Neil*
- 255 Advances in exploration technology are crucial for gold companies in the 1990's  
*Steve Krai*
- 264 Overview given of continuous haulage  
*D.C. Torre*
- 269 Functional performance characteristics of ball milling  
*R.E. McIvor, M.L. Lavallee, K.R. Wood, P.M. Blythe and J.A. Finch*
- 277 Petroleum generation and migration in submarine hydrothermal systems - An overview  
*B.R.T. Simoneit*
- 281 Update on continuous miner dust scrubber applications  
*N.I. Jayaraman, J.C. Volkwein and F.N. Kissell*

## Industrial Minerals

### JANUARY 1990

- 19 Natural & synthetic soda ash; Upturn follows mid-80s gloom
- 37 Cement kiln refractories; Down to basics
- 46 Barytes in Canada
- 47 Romancing the dimension stone with diamonds
- 55 Expanding the talc pitch-control market in Japan
- 59 IM9 Congress abstracts and biographies

### FEBRUARY 1990

- 19 Abrasive minerals; Taking the rough with the smooth
- 34 US glass industry; Overcapacity shadows strong demand
- 55 Non-metallic mineral flotation; Reagent technology
- 55 On-line analysis of talc and apatite at concentrators
- 95 Chinese resources and processing for kyanite minerals
- 103 Some environmental aspects of Jordanian phosphate mining
- 111 Industrial minerals potential in Malaysia A status report
- 133 Sri Lanka's minerals & national development
- 137 Industrial minerals of Liberia

### MARCH 1990

- 33 World by-product gypsum utilisation

## Institution of Mining and Metallurgy

### SEPTEMBER - DECEMBER 1989

- C147 Solvent extraction of gallium with Kelex 100 from artificial sodium aluminate solutions  
*T.Zhou and B.Pesic*
- C153 Magnetic properties and composition of low-acid leach residues from Canadian Electrolytic Zinc, Ltd.  
*W.B. Muiretal.*
- C157 Review of interactions in flotation of sparingly soluble calcium minerals with anionic collectors  
*N.P. Finkelstein*

C178 Modelling of annular swirled flow lances with helical inserts  
*N.Dave and M.B. Gray*

C135 Thermodynamic study of FeO - Fe<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub> system at 1500°C  
*N.Sevinç*

C190 *Technical Notes: Wet magnetic tester*  
*Y.Yalçın*

C194 Alkaline-earth metal bicarbonates as lixiviants for uranium (vi) under CO<sub>2</sub> sparging  
*F.Vaziri and D.A. White*

## International Journal of Mineral Processing

DECEMBER 1989

171 Theoretical aspects of parallel coal processing circuits optimization and M-curve  
*A. I.A. Salama*

189 Electrochemical aspects of selective bio-leaching of sphalerite and chalcopyrite from mixed sulphides  
*N.Jyothi, K.N. Sudha and K.A. Natarajan*

205 Floatability and adsorption of ethylxanthate on sphalerite In an alkaline medium In the presence of dissolved lead ions  
*S.P. Popov, D.R. Vucinic and J.V. Kacanik*

221 Surface contaminants on cassiterite recovered from an industrial concentrator  
*G.D. Senior, G.W. Poling and D.C. Frost*

243 An evaluation of the flotation response of coals  
*S.J. Pratten, C.N. Bensley and S.K. Nicol*

263 Investigations of the collision process between particles and gas bubbles in flotation - a theoretical analysis  
*H.J. Schulze, B.Radoev, Th.. Geidel, H. Stechemesser and E. Töpfer*

279 Electrochemical effects of mineral • mineral Interactions on the flotation of chalcopyrite and sphalerite  
*M.K. Yelhi Rao and K.A. Natarajan*

295 Inclusion shape, mineral texture and liberation  
*G. Ferrara, U.Preti and TP. Meloy*

309 A rotating ring disc electrode study of the oxidation of sulfur (-II) species on gold and sulfide minerals  
*R.Woods, D.C. Contable and I.C. Hamilton*

FEBRUARY 1989

1 Dielectric study of the activation and de-activation of sphalerite by metallic ions  
*J. Bessiere, K.Chlihi, J.M. Thibaut and G. Roussy*

15 The use of linear programming in the optimal design of flotation circuits Incorporating regrind mills  
*M.A. Reuter and J.S. V. Van Deventer*

45 Computation and interpretation of the flow characteristics of thin film-oscillating surface  
*R. Sivamonhan*

59 Mechanism of oleate interaction on salt, type minerals, Part II. Adsorption and electrokinetic studies of apatite in the presence of sodium oleate and sodium metasilicate  
*K.H. Rao, B. - M Antti and E. Forrsberg*

81 A multi-torque model for the effects of dispersants and slurry viscosity on ball milling  
*D.W. Fuerstenau, P.C. Kapur and B. Velamakanni*

99 Application of mirage spectroscopy: zinc sulphide activation by copper ions used in flotation processing  
*V. Plichon and N. Rollat*

109 Comparison of energy consumption in the breakage of single particles in a rigidly mounted roll mill with ball mill grinding  
*D.W. Fuerstenau, P.C. Kapur, K.Schoenert and M. Marktscheffel*

127 On the kinetics of froth flotation  
*B.P. Radoev, LB. Alexandrova and S.D. Tchaljovska*

139 Measurement of the effects of physical and chemical variables on bubble size  
*C.T.O. Connor, E.W. Randall and CM. Goodall*

# CIM BULLETIN

## JANUARY 1990

- 74 Industrial minerals in British Columbia - new developments, new discoveries and new opportunities  
*Z.D. Hora*
- 79 CCARM's research on mining simulators and their role in maintenance and training  
*J.B. Edwards*
- 97 Precious metals losses in pyrometallurgical processing  
*J. W. Matoused and J. G. Wellock*

## FEBRUARY 1990

- 43 Epigenetic gold deposits and their tectonic setting in the New Brunswick Appalachians  
*A.A. Ruitenberg, S.C. Johnskon and L.R. Fyfee*
- 56 Geostatistical evaluation of the Abu Tartar phosphate deposit, Western Desert, Egypt  
*A.Sahim and A.A. Abdul-Latif*
- 62 Paleo-geomorphology in the exploration for undiscovered sandstone-lead deposits, Salmon River Basin, Nova Scotia  
*D.F. Sangster and P.D. Vaillancourt*
- 69 Interpretation of second derivative aeromagnetic maps at the Silver Queen and Equity Silver mines, Houston, B.C.  
*a/V. Church and A.R. Pettipas*
- 77 Gold deposits estimation using indicator kriging  
*K.Fytas, N.E. Chaouai and M.Lavigne*
- 84 L'exploration et la mise en valeur des minéraux industriels dans la province de Grenville, Québec, dans les années 80  
*H.L Jacob et S. Nantel*
- 92 New industrial mineral opportunities in southeastern Ontario  
*P. W. Kingston, A.MacKinnon and W.F. Coley*

- 101 Gites de wollastonite, province tectonique de Grenville, Québec  
*G.J. Simandl, G. Valiquette, H.L Jacob, et S. Paradis*

---

## MARCH 1990

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- 105 Machine mining of narrow, hardrock orebodies.  
*M.Scoble, R. Dimitrakopoulos, J. Peck and F.Brankenbusch*
- 113 Energy management system at Falconbridge Limited, Onaping Operation  
*B.J. Clauzier and D. W. Euler*
- 118 A calibration probe for level detection systems in flotation columns  
*CO. Gomez, A.Uribe-Salas, J.A. Finch and B.J. Hüls*
- 112 Productivity: How do you measure it?  
*LA. Wolff*
- 125 Gold exploration success along structural trends in the Sicker Group of Vancouver Island, British Columbia  
*J.S. Getsinger, T.Neale, K.D. Lund and G.R. Cope*
- 137 Models of time and value representation, interest conventions and inflation in project evaluation  
*M.M. Hajdasin'ski*
- 142 Inflation in project evaluation  
*LD. Smith*
- 146 Author's Reply  
*LD. Smith*
- 155 Corrosion survey of steel H-piles supporting a small craft harbours wharf in Trepassey, Newfoundland  
*R.M. Hopkins and C.C. Monahan*
- 162 An electrochemical criterion for galvanic protection of steel exposed to marine environments  
*B.E. Wilde*

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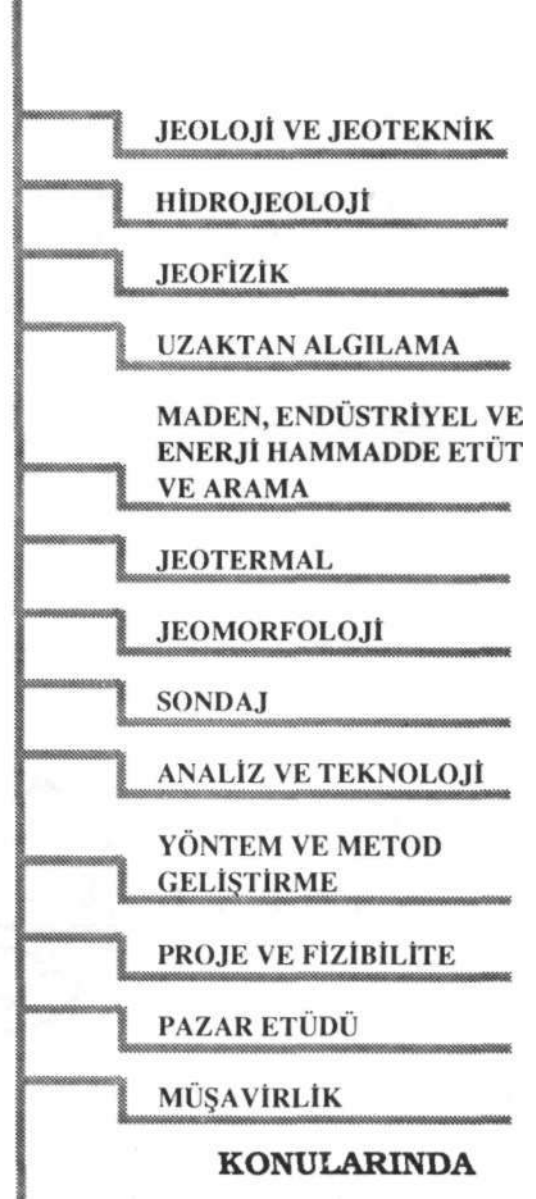
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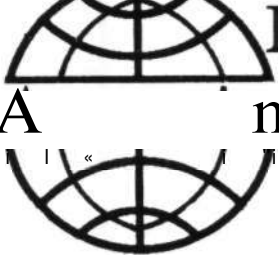
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