TECHNICAL NOTE


Subject: Industrial Minerals of 1969 - Their Status, Challenge and Future

Data:

See the attached table of contents from the January 1970 issue of Mining Engineering.
ARTICLES

46 Industrial Minerals of 1969—Their Status, Challenge, and Future

Research and development programs are considered to be the spur needed for the growth of most industrial minerals.

47 Barite—W. G. Freeman
Bastnasite—J. G. Cannon
Bauxite—J. H. Moses and W. D. Michell
Bentonite—S. H. Patterson
Boron—R. B. Kistler
Celestite—Anonymous
Cement—J. A. Ames
Diatomite—F. L. Kadey, Jr.
Dimension Stone—J. P. McGee
Dolomite—R. A. Grancher
Feldspar, Aplite and Nepheline Syenite—K. H. Teague
Fluorspar—G. Montgomery
Fly Ash and Bottom Ash—W. C. Helt
Gypsum—F. C. Appleyard
Kaolin—B. F. Buie
Kyanite and Related Minerals—J. W. Sweeney
Lime, Limestone and Dolomite—R. A. Grancher
Lithium—F. E. Hurley
Magnesium Compounds—A. R. Smith
Mica—E. C. VanHorn
Perlite—F. M. Coda
Phosphate—G. D. Emigh
Potash—J. A. Beck
Refractories—O. M. Wicken
Salt—S. J. Lefond
Sulfur—S. L. Levitsky
Talc, Soapstone and Pyrophyllite—H. T. Mulryan
Titanium—C. R. Gibson
Zircon and Hafnium—C. R. Gibson

71 High-Tension Electrostatic Separation for Making Iron Ore Superconcentrates

- J. E. Lawver and R. M. Funk
A new metallurgical system may prove to be a breakthrough in iron ore beneficiation.

74 New Mid-Shaft Sinking-Loading Concept

Anglo American Corp. and Shaft Sinkers Pty. Ltd., develop a speedier method to sink shafts. Concept permits muck loading simultaneously with sinking.

75 The Recovery of Elemental Sulfur From Base Metal Smelters

- D. R. George, L. Crocker and J. B. Rosenbaum
New aqueous and organic solutions recover elemental sulfur from stack gases.