Beneficiation of phosphates : new thought, new technology, new development /

Zhang, Patrick
Miller, J. D.
El-Shall, Hassan E.

Society for Mining, Metallurgy, and Exploration, ©2012

Electronic books

Monografía

Fueled by climbing food prices, the demand for fertilizers is on the rise. The phosphate industry is responding aggressively by bringing signifi cant projects on line across the globe. But meeting this unprecedented demand comes with a host of challenges: Environmental lawsuits have put a stop to one of the largest phosphate mines in the world. Other operations are closing because of the depletion of phosphate reserve. The increasing proportion of high organic and high dolomite ores has caused benefi ciation costs to skyrocket. There is a growing urgency for the sustainable development and recycling of phosphate resources. Beneficiation of Phosphates: New Thought, New Technology, New Development provides a comprehensive look into how industry leaders and the R & D community are responding to these and many other critical issues

Título: Beneficiation of phosphates new thought, new technology, new development edited by Patrick Zhang, Jan Miller, Hassan El-Shall

Editorial: Englewood, Colo. Society for Mining, Metallurgy, and Exploration ©2012

Descripción física: 1 online resource (x, 379 pages)

Bibliografía: Includes bibliographical references and index

ThroughAutomatic Controls; Effect of Basic Factors on Florida PhosphateBeneficiation Performances -- Part 3: Acidulation and Hydrometallurgy. An Approach Toward Flotation Reagents Optimization and Foam Phenomena Management inPhosphoric Acid Production; Recovery of Uranium from Phosphoric Acid: Historyand Present Status; Recent Developments in Beneficiating Chilisai Phosphate Ore; Recovery of Rare Earths from Phosphogypsum; Toxic Trace Elements Composition of Eranbee Phosphate Deposits, Central Jordan: PossibleEnvironmental Implications -- Part 4: Characterizationand Analysis. Advanced Instrumentation for Mineral Liberation Analysis and Use in the PhosphateIndustry; Process Mineralogy Studies of YichangPhosphate Ores; Multi-Scale Characterizing of Mineralogical and Textural Features of Mid-Low-Grade SedimentaryPhosphate Rocks; Hydroxyapatite with Different Morphologies Preparedby Natural Collophanite; Exploring the Use of Rheology in thePhosphate Industry; Characterization of Carbonated Hydroxyapatite Whiskers Prepared by HydrothermalSynthesis -- Part

Copyright/Depósito Legal: 972504451 984826018 992090683 1037753188 1038686716 1055319595 1065841455 1081282475 1153524501

ISBN: 9780873353595 electronic bk.) 0873353595 electronic bk.) 9781613448106 electronic bk.) 1613448104 electronic bk.) 9780873353588 print) 0873353587 print)

Materia: Phosphates Ore-dressing NATURE- Natural Resources NATURE- Rocks & Minerals Ore-dressing Phosphates

Autores: Zhang, Patrick Miller, J. D. El-Shall, Hassan E.

Enlace a formato físico adicional: Print version Beneficiation of phosphates. Englewood, Colo. : Society for Mining, Metallurgy, and Exploration, ©2012 9780873353588 (DLC) 2011053248 (OCoLC)769818996
