Record Nr. UNISALENTO991003236399707536 Autore Wills, Barry Alan Titolo Wills' mineral processing technology [e-book]: an introduction to the practical aspects of ore treatment and mineral recovery / Barry A. Wills Amsterdam; Boston; London: Elsevier/BH, 2006 Pubbl/distr/stampa 9780750644501 **ISBN** 0750644508 Edizione [7th ed. /] Descrizione fisica viii, 444 p.: ill.; 25 cm Napier-Munn, Tim Altri autori (Persone) Altri autori (Enti) Julius Kruttschnitt Mineral Research Centre Disciplina 622.7 Soggetti Ore-dressing Minerals Ores Electronic books. Lingua di pubblicazione Inglese **Formato** Risorsa elettronica Livello bibliografico Monografia Note generali Previous ed. published as: Mineral processing technology. 1997 Nota di bibliografia Includes bibliographical references and index Nota di contenuto Introduction: Ore Handling: Metallurgical Accounting, Control and Simulation; Particle Size Analysis; Comminution; Crushers; Grinding Mills; Industrial Screening; Classification; Gravity Concentration; Dense Medium Separation (DMS); Froth Flotation; Magnetic and High Tension Separation; Ore Sorting; Dewatering; Tailings Disposal; Appendices; Index Sommario/riassunto Wills' Mineral Processing Technology provides practising engineers and students of mineral processing, metallurgy and mining with a review of all of the common ore-processing techniques utilized in modern processing installations. Now in its Seventh Edition, this renowned book is a standard reference for the mineral processing industry. Chapters deal with each of the major processing techniques, and coverage includes the latest technical developments in the processing of increasingly complex refractory ores, new equipment and process routes. This new edition has been prepared by the prestigious J K Minerals Research Centre of Australia, which contributes its world-class

expertise and ensures that this will continue to be the book of choice

for professionals and students in this field. This latest edition highlights the developments and the challenges facing the mineral

processor, particularly with regard to the environmental problems posed in improving the efficiency of the existing processes and also in dealing with the waste created. The work is fully indexed and referenced. The classic mineral processing text, revised and updated by a prestigious new team Provides a clear exposition of the principles and practice of mineral processing, with examples taken from practice Covers the latest technological developments and highlights the challenges facing the mineral processor New sections on environmental problems, improving the efficiency of existing processes and dealing with waste