Record Nr. UNINA9910808019903321 Slope stability in surface mining [[electronic resource] /] / edited by **Titolo** William A. Hustrulid, Michael K. McCarter, Dirk J.A. Van Zyl Pubbl/distr/stampa Littleton, Colo., : Society for Mining, Metallurgy, and Exploration, 2001 **ISBN** 1-5231-3822-X 0-87335-295-5 Descrizione fisica 1 online resource (461 p.) Altri autori (Persone) HustrulidW. A McCarterM. K (M. Kim) Van ZylDirk J. A Disciplina 622/.292 Soggetti Strip mining Slopes (Soil mechanics) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. section 1. Rock slope design considerations -- section 2. Case studies Nota di contenuto in rock slope stability -- section 3. Stability of wawste rock embankments -- section 4. Tailings and heap leaching. Sommario/riassunto As we enter the 21st century, mines are being planned to reach depths of more than 1,100 meters, waste rock embankments have surpassed 600 meters in height, tailings dams have reached heights of 200 meters, and heap leach facilities have topped 150 meters. The push toward higher, deeper, and steeper, along with the larger and more productive equipment in use today, continues to test our tools and capabilities. Slope Stability in Surface Mining documents the progressive rise in technical understanding and sophistication in the

field. Only by continuously collecting and exchanging information ca