

DAFTAR PUSTAKA

- Aryal, K. P., 2006, *Slope Stability Evaluations by Limits Equilibrium and Finite Element Methods*, Norwegia [Doctoral Thesis]: Norwegian University of Science and Technology, 124 p.
- Azizi, M.A., Kamadibrata, S., Wattimena, R.K., Djati, I., dan Adriansyah, Y., 2012, Analisis Risiko Kestabilan Lereng Tambang Terbuka (Studi Kasus Tambang Mineral X) di Prosiding Simposium dan Seminar Geomekanika ke-1 Tahun 2012 *Menggagas Masa Depan Rekayasa Batuan & Terowongan di Indonesia*, hal. 4.19-4.27.
- Bieniawski, Z.T., 1989, *Engineering Rock Mass Classification. A Complete Manual for Engineers and Geologist in Mining, Civil, and Petroleum Engineering*. New York, John Wiley and Sons, 251 p.
- Bieniawski, Z.T., 1976, Rock Mass Classification in Rock Engineering, in *Exploration for rock engineering*, proceedings of the symposium, Cape Town: Balkema, p. 97-106.
- Bowles, J. E., 1984, *Physical and Geotechnical Properties of Soil: Second Edition*: New York, McGraw-Hill Book Company, 570 p.
- Deere, D.U., and Deere, D.W., 1988, The Rock Quality Designation (RQD) Index in Practice, in Kirkaldie, L., ed., *Rock Classification Systems for Engineering Purposes*: American Society for Testing and Materials, Philadelphia, p. 91-101.
- Hardiyatmo, H.C., 2002, *Mekanika Tanah I*: Yogyakarta, Gadjah Mada University Press, 399 hal.
- Hoek, E., and Bray, J. W., 1974, *Rock Slope Engineering*: London, Institution of Mining and Metallurgy, 356 p.
- Hoek, E., Carranza-Torres, C.T., and Corkum, B., 2002, Hoek-Brown failure criterion-2002 edition., in Proc. *North American Rock Mechanics Society Conference*: Kanada, Toronto July 2002, p. 267-273.
- Hoek, E., Carter, T.G., and Diederich, M.S., 2013, Quantification of the Geological Strength Index Chart, in Proceedings, The 47th US Rock Mechanics / Geomechanics Symposium: USA, San Fransisco, p. 672-679.
- Hoek, E., Marinos, P., 2000, The Geological Strength Index: Applications and limitations, in Bull Eng Geol Environ, p. 55-65.

- Indrawan, I.G.B., Aprilia, F., Andriansyah, Y., dan Maryadi, D., 2014, Analisis Tipe Longsor dan Kestabilan Lereng berdasarkan Orientasi Struktur Geologi di Dinding Utara Tambang Batu Hijau, Sumbawa Barat. Seminar Nasional Kebumihan Ke-7 dan Simposium Pendidikan Geologi Nasional, Jurusan Teknik Geologi, FT-UGM, hal. 1-15.
- Lalitya, T.J., 2016, *Analisis Kestabilan Lereng Tambang Terbuka Batubara dengan Metode Probabilistik pada Pit Tania Panel 2 PT. Kaltim Prima Coal, Kalimantan Timur* [Skripsi]: Yogyakarta, Teknik Geologi Fakultas Teknik Universitas Gadjah Mada, 237 hal.
- Liong, T., Herman, D. J. G., 2012, *Analisa Stabilitas Lereng Limit Euilibrium vs Finite Element Method* in HATTI-PIT-XVI 2012, Jakarta, Teknik Sipil Universitas Bina Nusantara.
- Mohr, E.J.C., 1910, *Kriteria Keruntuhan Batuan Mohr - Coulomb*: http://eprints.undip.ac.id/33820/5/1617_chapter_II.pdf (diakses November 2017).
- Rahmad, B., 2007, *Struktur Geologi dan Sedimentasi Lapisan Batubara*. Laporan Kerjasama PT. Berau Coal dan Jurusan Teknik Geologi, UPN Yogyakarta (Tidak diterbitkan).
- Romana M., 1985, New adjustment ratings for application of Bieniawski classification to slopes, in: *Proceedings of the International Symposium Role of Rock Mechanics in Excavations for Mining and Civil Works*. International Society of Rock Mechanics, Zacatecas, p. 49-53.
- Romana, M., 1993, *A Geomechanical Classification for Slopes: Slope Mass Rating*: London, Pergamon Press Ltd. Oxford, 44 p.
- Romana M., Serón J.B., and Montalar, E., 2003, SMR Geomechanics classification: Application, experience and validation, in: Merwe, J.N. (Ed.), *Proceedings of the 10th Congress of the International Society for rock mechanics, ISRM 2003–Technology roadmap for rock mechanics*, South African Institute of Mining and Metallurgy, p. 1-4.
- Romana, M., Tomas, R., and Seron, J.B., 2015, Slope Mass Rating (SMR) Geomechanics Classification: Thirty Years Review, ISRM Congress 2015, *Proceedings- International Symposium on Rock Mechanics: Quebec, Canada*, 10 p.
- Singh, B., and Goel, R.K., 2011, *Engineering Rock Mass Classification*: New York, Elsevier Inc., 365 p.
- Situmorang, R.I., dan Burhan, G., 1995, *Peta Geologi Regional Lembar Tanjung Redeb, Kalimantan Timur*. Pusat Penelitian dan Pengembangan Geologi: Bandung, skala 1 : 250.000, 1 lembar.

- Swana, G.W., Muslim, D., dan Sophian, I., 2012, Desain Lereng Final dengan Metode RMR, SMR, dan Analisis Kestabilan Lereng pada Tambang Batubara Terbuka Kabupaten Tanah Laut, Kalimantan Selatan: *Buletin Sumber Daya Geologi Volume 7*, Nomor 2 – 2012, hal. 92-108.
- Umboro, S. 2015. Kajian Geoteknik Rekahan Highwall Pit D2, BMO 1, Technical Memorandum, Departemen Geoteknik & Hidrologi PT. Berau Coal (Tidak diterbitkan).
- Van Bemmelen, R.W. 1949. *The Geology of Indonesia* (Vol 1A): General Geology, Martinus Nijhof, The Hague, Nederland, 732 p.
- Wyllie, D.C., and Mah, Ch. W., 2004, *Rock Slope Engineering: Civil and Mining*, Spon Press, London and New York, 4th ed., 431 p.
- Zakaria, Z., Dipatunggoro, G., 2012, Kajian Geoteknik Terhadap Formasi Tanjung Pit Sayuna, Satui, Kalimantan Selatan, dengan Menggunakan Metode Slope Mass Rating: *Bulletin of Scientific Contribution, Volume 10*, Nomor 2, Agustus 2012, hal. 77-88.
- Zakaria, Z., Muslim, D., dan Sophian, I., 2012, Koreksi SMR pada Desain Lereng Tambang Terbuka Batubara Formasi Balikpapan dan Kampungbaru, Sangasanga, Kalimantan Timur: *Buletin Sumber Daya Geologi Volume 7*, Nomor 3 – 2012, hal. 147-157.