

## DAFTAR PUSTAKA

- ASTM D 5731 – 95. 1995. *Standard Test Method for Determination of the Point load Strength Index of Rock*. United States: American Society for Testing and Material.
- ASTM D-2487. 2000. *Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)*. . United States: American Society for Testing and Material.
- ASTM D-854, 2002. *Test Method for Specific Gravity of Soils*. United States: American Society for Testing and Material.
- ASTM D-3080. 2004. *Standard Test Method for Direct Shear Test of Soils Under Consolidated Drained Conditions*. United States: American Society for Testing and Material.
- Bieniawski, Z. T. 1989. *Engineering Rock Mass Clasification Mining and Mineral Resources Research Institute*. Pennsylvania State University.
- Broch, E. Dan Franklin, J.A., 1972, *The Point load Strength Test*. Great Britain: International Journal of Rock Mechanics and Mining Sciences & geomechanics.
- Chapman, D., Metje, N., and Stärk, A., 2018, *Introduction to tunnel construction: Second edition*: Boca Raton, CRC Press.
- Dearman, W. 1991. *Engineering Geoogical Mapping*. Newcastle-UK: Butterworth-Heinemann.
- Deere, D., dan Miller, R. 1966. *Engineering Classification and Index Properties for Intact Rock*. New Mexico: Technical Report No. AFWL-TR-65-116, Air Force Weapons Laboratory, Kirkland Air Force Base.
- Deere, D.U., 1989. *Rock Quality Designation (RQD) after twenty years*, Contract Report GL-89-1. Washington: US Army Corps of Engineers.
- Hoek, E., 1994. *Strength of rock and rock masses*. ISRM News Journal
- Hoek, E., dan Marinos, P. 2000. GSI: A Geologically Friendly Tool For Rock Mass. Proc. GeoEng2000.
- Hoek, E., Carter, T., dan Diederichs, M. 2013. Quantification of the Geological

Strength Index Chart. *US Rock Mechanics/Geomechanics Symposium*. San Francisco.

Hoek, E. dan Brown, E.T., 1997. *Practical estimates of rock mass strength*. International Society of Rock Mechanics. International Journal of Rock Mechanics and Mining Sciences & Geomechanics Abstracts.

Hoek, E.; Carranza-Torres, C.; Corkum, B. 2002. Hoek-Brown failure criterion – 2002 Edition. *Proc. NARMS-TAC Conference, 1*. Toronto.

Hoek, E.; Marinos, P., dan Benissi, M. 1998. *Applicability of The Geological Strength Index (GSI) Classification for Very weak and Sheared Rock Masses. The Case of The Athens Schist Formation*. Bulletin of Engineering Geology and the Environment.

Hunt, R.E., 2007. *Geotechnical Investigation Methods: A Field Guide for Geotechnical Engineers*. Boca Raton: Taylor and Francis Group.

ISRM, 1977. “ *Suggested Methods for The Quantitative Description of Discontinuities in Rock Masses*”: International Society for Rock Mechanics. *International Journal of Rock Mechanics Commision on Standardization of Laboratory Test*.

ISRM, 1985. “*Suggested Method for Determining Point load Strength*” *The Complete ISRM Suggested Method for Rock Characterization, testing and Monitoring*.

JSCE, 2007. *Standard Spesifications for Tunnelling-2006: Mountain Tunnels*. Japan: Japan Society of Civil Engineers.

Kurniawan, A. 2014. *Analisis Stabilitas Lereng dengan Menggunakan Slope/W untuk Bidang Gelincir Melingkar berdasarkan Grid&Radius*. Masyarakat Ilmu Bumi Indonesia, Vol 2/E-1.

Marinos, P., dan Hoek, E. 2001. *Estimating the geotechnical properties of heterogeneous rock masses such as flysch*. Bulletin of the Engineering Geology & the Environment (IAEG).

Marinos, P., Marinos, V., dan Hoek, E. 2007. *The Geological Strength Index (GSI): A characterization Tool for Assessing Engineering Properties of Rock Masses, Proceedings of the International Workshop on Rock Mass*

*Classification in Underground.* Pittsburg: National Institute for Occupational Safety and Health.

Mettana, PT. 2016. *Sertifikasi Desain Bendungan Pamukkulu.* Makassar: Balai Besar Wilayah Sungai Pompengan -Jeneberang.

Nasrulloh, D. 2022. *Analisis Kestabilan Lereng Portal dan Sistem Penyangga Terowongan Pengelak pada Bendungan Pamukkulu Provinsi Sulawesi Selatan.* Tesis. Tidak Diterbitkan. Departemen Teknik Geologi. UGM : Yogyakarta.

Peraturan Presiden Nomor 109 Tahun 2020. *Percepatan Pelaksanaan Proyek Strategis Nasional.* Jakarta

Pratama, A. 2015. *Analisis Stabilitas Lereng dengan Metode Rock Mass Rating (RMR) dan Limit Equilibrium Method (LEM) pada Open Pit Mining Batubara di Kabupaten Kutai Barat.* Yogyakarta: Tesis Departemen Teknik Geologi UGM.

Price, D. 2007. *Engineering Geology Principles and Practice.* London: Springer.  
PUSGEN. (2017). *Peta Sumber dan Bahaya Gempabumi Indonesia .* Jakarta: Kementerian Pekerjaan Umum dan Perumahan Rakyat.

Sivakugan, N; Shukla, S.K; Das, B.M. 2013. *Rocks Mechanics an Introduction.* New York: CRC Press.

Rori, S.V., Balamba, S., and Sarajar, A.N., 2017, *Analisa Tanah Pada Bukaan Terowongan.* Jurnal Sipil Statik.

SNI 2825:2008, 2008. *Cara Uji Kuat Tekan Batu Uniaksial.* Jakarta: Badan Standardisasi Nasional.

SNI 3420:2016, 2016. *Metode Uji Kuat Geser Langsung Tidak Terkonsolidasi dan Tidak Terdrainase.* Jakarta: Badan Standardisasi Nasional.

SNI 6371:2015, 2015. *Tata Cara Pengklasifikasian Tanah untuk Keperluan Teknik dengan Sistem Klasifikasi Unifikasi Tanah.* Jakarta:Badan Standardisasi Nasional.

SNI 8460:20117, 2017. *Persyaratan Perancangan Geoteknik.* Jakarta: Badan Standardisasi Nasional.

Sukamto, R., dan Supriatna, S. 1982. *Peta Geologi Lembar Ujungpandang, Benteng*

*dan Sinjai, Sulawesi. Bandung: Pusat Pengembangan dan Penelitian  
Geologi.*

Tsiambaos, G., dan Saroglou, H. 2009. *Excavatability assessment of rock masses  
using the Geological Strength Index (GSI)*. Bull Eng Geol Environ.

Van Bemmelen, R. 1949. *The Geology of Indonesia Vol. I A General Geology of  
Indonesia and Adjacent Archiplegoes*. The Hague: Government Printing  
Office.

Van Zuidam, R. 1983. *Guide to Geomorphologic-Aerial Photographic  
Interpretation and Mapping*. Enscede, Netherland