DAFTAR PUSTAKA

Arifin, S., 2009. *Terowongan Dalam Pelaksanaan*. Jakarta: PT. Mediatama Saptakarya.

ASTM (American Society for Testing and Material) D 5731-02, 2002. *Standard Test Method for Determination of the Point Load Strength Index of Rock* : West Conshohocken, ASTM International

ASTM (American Society for Testing and Material) D 2938-95, 1995. *Standard Test Method for Unconfined Compressive Strength of Intact Rock Core Specimens*: West Conshohocken, ASTM International

Barton, N., Lien, R., dan Lunde, J., 1974. *Engineering Classification of Rock Masses for the Design of Tunnel Support*. Oslo: Norwegian Geotechnical Institute Publication 106.

Bieniawski, Z.T., 1989. *Engineering Rock Mass Clasifications*. John Wiley and Sons.

Brady, B.H.G., and Brown, E.T., 1972. Rock Mechanics For Underground Mining. Int. J. Rock Mech. & Min. Sci. 9: 669-667.

Broch, E. dan Franklin, J.A., 1972. *The Point-Load Strength Test. International Journal of Rock Mechanics and Mining Sciences*, 9, 669-697

BWS Nusa Tenggara I., 2017. *Survei dan Investigasi Kondisi Geologi Bendungan Meninting*. Laporan Pekerjaan. Kementerian Pekerjaan Umum dan Perumahan Rakyat. (Tidak diterbitkan).

BWS Nusa Tenggara I., 2017. *Laporan Utama Sertifikasi Desain Bendungan Meninting*. Laporan Pekerjaan. Kementerian Pekerjaan Umum dan Perumahan Rakyat. (Tidak diterbitkan).

Ceballos, F., and Jimenez, C.O.R., 2014. *Relationship between RMRb and GSI based on in situ data*, ISRM European rock mechanics symposium : Madrid, EUROCK Vigo 2014.

Das, B.M., 2010. *Principal of Geotechnical Engineering – Seventh Edition*. California State University, Sacramento.

Dearman, W.R., 1991. *Engineering Geological Mapping, Butterworths Advanced Series in Geotechnical Engineering*. Butterworth-Heinemann, London.

Deere, D., dan Miller, R., 1966. *Engineering Classification and Index Properties of Intact Rock*. New Mexico: Technical Report No. AFWL-TR-65-116. Air Force Weapons Laboratory. Kirkland Air Force Base.

Dita, S.P., 2020. *Karakteristik Geologi Teknik Daerah Konstruksi Bendungan Meninting, Kabupaten Lombok Barat, Provinsi Nusa Tenggara Barat*. Tugas Akhir. Program Studi Sarjana Teknik Geologi UGM. Yogyakarta.

Fisher R.V., Schmincke H.U., 1984. *Pyroclastic Fragments and Deposits. In: Pyroclastic Rocks*. Berlin, Heidelberg: Springer.

HWA-NHI-10-034. (2009). *Technical Manual for Design and Construction of Road Tunnels - Civil Elements*. Washington, D.C: U.S Deparment of Transportation Federal Highway Administration.

Hall, R., dan Wilson, M. (2000). *Neogene Sutures in Eastern Indonesia*. Journal of Asian Earth Sciences, 781-808.

Hardiyatmo, H. (2017). *Mekanika Tanah 1 Edisi ke Tujuh*. Yogyakarta: Gadjah Mada University Press.

Hoek, E. (1994). *Strength of rock and rock masses*. ISRM News Journal, 2(2), 16.

Hoek, E., dan Marinos, P. (2000). *GSI: A Geologically Friendly Tool For Rock Mass*. Proc. GeoEng2000, 1422-1442.

Hoek, E., Carter, T., dan Diederichs, M. (2013). *Quantification of the Geological Strength Index Chart*. US Rock Mechanics /Geomechanics Symposium. San Francisco: June 23-26, 2013.

Hoek, E.; Carranza-Torres, C.; Corkum, B. (2002). *Hoek-Brown failure criterion 2002 Edition*. Proc. NARMS-TAC Conference, 1, pp. 267-273. Toronto.

Hoek, E., Kaiser, P.K., Bawden, W.F., 1995. *Support of Underground Excavations in Hard Rock*. Balkema, Rotterdam. 215 pp

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, 151-160.

Hudson, J.A, 2012, *Design methodology for the safety of underground rock engineering*. Journal of Rock Mechanics and Geotechnical Engineering: CSRME.

Hunt, Roy E. 2007. *A Field for Geotchnical Engineers*. CRC Press. London.

IAEG. (1976). *Engineering Geological Maps*. Paris: The Unesco Press.

ISRM (International Society for Rock Mechanics). 2007. *Suggested Methods for Rock Characterization, Testing and Monitoring*: 1974-2006. Int. J. Rock Mech. Min. Sci. & Geotech.

Japan Society Civil Engineering. 2007. *Standard Spesifications for Tunneling-2006 : Mountain Tunnels*. Japan.

Kementerian Pekerjaan Umum dan Perumahan Rakyat. 2015. Surat Edaran Menteri Pekerjaan Umum dan Perumahan Rakyat No: 30/SE/M/2015 Tanggal 23 April 2015. *Pedoman Metode Perencanaan Penggalian dan Sistem Perkuatan Terowongan Jalan pada Media Campuran Tanah – Batuan*. Jakarta.

Lwin, M. M., 2009. *Technical Manual For Design And Construction Of Road Tunnels-Civil Elements, Chapter 6, 7*. USA: Publication No. FHWA-NHI 10-034 U.S Departement Of Transportation Federal Highway Administration

Mangga, S.A., Atmawinata, S., Hermanto, B., dan Amin, T. C., 2010. *Peta Geologi Regional Lembar Pulau Lombok, Nusa Tenggara Barat Skala 1:250.000*. Bandung, Pusat Penelitian dan Pengembangan Geologi, 1 Lembar.

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), 60, 85-92.

Marinos, P., Marinos, V., dan Hoek, E. (2007). *The Geological Strength Index (GSI): A characterization Tool for Assessing Engineering Properties of Rock Masses*. DOI: 10.1201/NOE0415450287.ch2, 87-94.

Norwegian Geotechnical Institute (NGI), 2015 *Handbook: Using the Q-system, Rock Mass Classification and Support Design* (Oslo: NGI)

Phanthoudeth, P., Sasaoka, T., Shimada, H., Ulaankhuu, B., Oya, J., Dwiki, S., dan Karian, T., *Numerical Study on Roadway Stability under Weak Geological Condition of PT Gerbang Daya Mandiri Underground Coal Mine in Indonesia*, GSTF Journal of Geological Sciences (JGS) Vol.3 No.1, 2016.

Pusat Studi Gempa Nasional (Pusgen). 2017. *Peta Sumber dan Bahaya Gempa di Indonesia Tahun 2017*. Kementerian Pekerjaan Umum dan Perumahan Rakyat. Jakarta.

Rahardjo, P. P., 2004. *Teknik Terowongan*. Bandung: Geotechnical Engineering Center. Geotechnical Parahyangan University.

Rocscience., 1998. *Phase2 User's Guide*. Rocscience Inc, Toronto, Ontario, Canada.

Sheorey, P.R., *A Theory for In Situ Stresses in Isotropic and Transversely Isotropic Rock.* Int J Rock Mech Min Sci and Geomech Abstr. 31(1) 1994 p 23-34.

Singh, B. and Goel, R.K, 2011, *Engineering Rock Mass Classification : tunneling, Foundation adn Landslide*: USA, Butterworth-Heinemann.

Sivakugan, N., Shukla, S.K. dan Das, B.M., 2013, Rock Mechanics An Introduction, Florida: CRC Press.

SNI (Standar Nasional Indonesia) 03-2813-1992. *Metode Pengujian Geser Langsung*. Jakarta: Badan Standarisasi Nasional.

SNI (Standar Nasional Indonesia) 03-2825-2008. *Cara Uji Kuat Tekan Batu Uniaksial*. Jakarta: Badan Standarisasi Nasional.

SNI (Standar Nasional Indonesia) 3420:2016, *Metode Uji Kuat Geser Langsung Tidak Terkonsolidasi dan Tidak Drainase*. Badan Standarisasi Nasional, Jakarta.

Streckeisen, A.L., 1976, *The IUGS Systematic of Igneous Rocks*, Journal of The Geological Society, London.

Suartika, K.P.G., dan Turjono, G., 2009. *Peta Kawasan Rawan Bencana Gempabumi Pulau Lombok, Nusa Tenggara Barat*: Departemen Energi dan Sumber Daya Mineral, Pusat Vulkanologi dan Mitigasi Bencana Geologi, skala 1:250.000, 1 lembar.

Suhendro, B. (2000). *Metode Elemen Hingga dan Aplikasinya*. Yogyakarta: Jurusan Teknik Sipil, Fakultas Teknik, Universitas Gadjah Mada.

Tsiambaos G dan Saroglou H, 2009 *Excavability Assessment of Rock Masses Using the Geological Strength Index (GSI) Bulletin Engineering Geology and Environment* hal. 13-27

van Bemmelen, R.W., 1949. *The Geology of Indonesia Vol. I A General Geology of Indonesia and Adjacent Archiplegoes*. The Hague: Government Printing Office, 10 949.

van Zuidam, R.A., 1983. *Guide to Geomorphologic Aerial Photographic Interpretation and Mapping*. ITC, Enscede, Netherland.

Wijaya, B.J.,. 2020. *Analisis Kestabilan Terowongan Saluran Pelimpah Pada Bendungan Meninting, Provinsi Nusa Tenggara Barat*. Tugas Akhir. Program Studi Magister Teknik Geologi UGM. Yogyakarta.

Wiyasri, Y., 2020. *Evaluasi Kondisi Geologi Teknik untuk Perencanaan Terowongan Saluran Pengelak Bendungan Meninting Lombok Barat*. Tugas Akhir. Program Studi Magister Teknik Geologi UGM. Yogyakarta.

Zhang, Q., Zhu, H., Zhang, L., 2013. *Modification of Generalized Three-Dimensional Hoek-Brown Strength Criterion*. International Journal of Rock Mechanics & Mining Sciences 59, hal 80-96.