

DAFTAR PUSTAKA

- Arifin, S., 2009. *Terowongan Dalam Pelaksanaan*. Jakarta: PT. Mediatama Saptakarya.
- ASTM ((American Society fot Testing and Material), D-5731-02. *Standart Test Method for Determination of Poin Load Strength Index of Rock*. US: ASTM International, n.d.
- ASTM (American Society for Testing and Material), D-2937-00. *Standart Test Method for Density of Soil in Place by Drive-Cylinde Method*. US: ASTM International, n.d.
- ASTM (American Society fot Testing and Material), D-4318. *Standart Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils*. US: ASTM International, n.d.
- ASTM (American Society fot Testing and Material), D-4959. *Standart Test Method for Determination of Water (Moisture) Content of Soil by Direct Heating*. US: ASTM Iternational, n.d.
- ASTM (American Society fot Testing and Material), D-854. *Standart Test Method for Specific Gravity of Soil Solids by Water Pycnometer*. US: ASTM International, n.d.
- 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.
- Bieniawsky, Z. T., 1989. *Engineering Rock Mass Clasification Mining and Mineral Resources Research Institute*. Pennsylvania State University.
- BSN. 1994. SNI (Standar Nasional Indonesia), 03-3422. *Metode Pengujian Batas Susut Tanah*. Jakarta: Badan Standarisasi Nasional.
- BSN. 2008. SNI (Standar Nasional Indonesia), 1964. *Cara Uji Berat Jenis Tanah*. Jakarta: Badan Standarisasi Nasional.
- BSN. 2008. SNI (Standar Nasional Indonesia), 1966. *Cara Uji Penentuan Batas Plastis dan Indeks Plastisitas Tanah*. Jakarta: Badan Standarisasi Nasional.
- BSN. 2008. SNI (Standar Nasional Indonesia), 1967. *Cara Uji Penentuan Batas Cair Tanah*. Jakarta: Badan Standarisasi Nasional.
- BSN. 2011. SNI (Standar Nasional Indonesia), 2815. *Cara Uji Tekan Triaksial pada Batu di Laboratorium*. Jakarta: Badan Standarisasi Nasional.
- BSN. 2008. SNI (Standar Nasional Indonesia), 3422. *Cara Uji Penentuan Batas Susut Tanah*. Jakarta: Badan Standarisasi Nasional.
- BSN. 2017. SNI (Standar Nasional Indonesia), 8460. *Persyaratan Perancangan Geoteknik*. Jakarta: Badan Standarisasi Nasional.

- BSN. 1990. SNI (Standart Nasional Indonesia), 03-1976. *Metode Koreksi untuk Pengujian Peadatan Tanah yang Mengandung Butir Kasar*. Jakarta: Badan Standarisasi Nasional.
- Consindotama, PT. Vitraha, 2018. *Investigasi Tambahan Bendungan Tamblang Kabupaten Buleleng Bali*. Buleleng: BWS Penida Bali Kementerian PUPR.
- Das, B. M., 1995. *Mekanika Tanah (Prinsip-prinsip Rekayasa Geoteknis)*. Jakarta: Penerbit Erlangga.
- Dearman, W.R., 1991. *Engineering Geogical Mapping*. Butterworth-Heinemann: University of Michigan.
- Deere, D., dan R. Miller., 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.
- G. Tsiambaus, H., dan Saroglou., 2010. "Excavatability Assesment of Rock Masses Using the Geological Strength Index (GSI)." *Bull Eng Geol Environ*, 23-25.
- Giani, P., 1992. *Rock Slope Stability Analysis*. Rotterdam: AA Balkema.
- Hardiyatmo, H.C., 2006. *Mekanika Tanah 1*. Yogyakarta: Gadjah Mada University Press.
- 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." *Bull Eng Geol Env*: 151.
- Hoek, E., dan A. Karzulovic, 2000. "Rock Mass Properties for Surface Mines." In *Slope Stability in Surface Mining*, by W.A. Hustralid, M.K. McCarter and D.J.A. van Zyl, 59-70. Littleton, Colorado.
- Hoek, E., dan P. Marinos, 2007. "A Brief History of The Development of The Hoek-Brown Failure Criterion." *Soils and Rocks No.2*.
- Hoek, E., T.G. Carter, dan M.S. Diederichs, 2013. "Quantification of the Geological Strength Index Chart." *The 47th US Rock Mechanics / Geomechanics Symposium*. San Francisco, CA, USA: ARMA, American Rock Mechanics Association.
- ISRM, 1978. "Suggested Methods for The Quantitative Description of Discontinuities in Rock Masses." *Int. J. Rock Mech, Sci. & Geomech*: 368.
- Japan Society Civil Engineering. 2007. *Standard Spesifications for Tunneling-2006 : Mountain Tunnels*. Japan
- Kaya, A., Bulut, F., dan Alemdag, S., 2011. "Applicability of Excavability Clasification System in Underground Excavation." *A case Study. Academic Journals*: 5331-5341.1.

- Lwin, M., dan Myint, 2009. "Technical Manual For Design And Construction Of Road." *Publication No. FHWA-NHI 10-034* . USA: U.S Department Of Transportation Federal Highway, Chapter 6,7.
- Marinos, V., P. Marinos, dan E. Hoek, 2005. "The Geological Strength Index: Applications and Limitations." *Bull Eng Geol Environ*: 55-65.
- Nasional, Pusat Studi Gempa, 2017. *Peta Sumber dan Bahaya Gempa Indonesia Tahun 2017*. Bandung: Pusat Penelitian dan Pengembangan Perumahan dan Pemukiman, Badan Penelitian dan Pengembangan Kementerian PUPR.
- Purwohadiwidjojo, M.M., Samodra, H., dan Amin, T.C., 1998, *Peta Geologi Lembar Bali, Nusa Tenggara, Edisi Kedua*, Pusat Penelitian dan Pengembangan Geologi, Bandung
- Rai, M.A., S. Kramadibrata, dan R.K. Wattimena, 2014. *Mekanika Batuan*. Bandung: ITB.
- Rori, Sharon Victorya, S Balamba, dan Alva N Sarajar, 2017. "Analisa Tanah Pada Bukaan Terowongan (Studi Kasus: Terowongan Kawasan Green Hill, Malendeng)." *Jurnal Sipil Statik Vol.5 No.6 Agustus 2017 (313-323) ISSN: 2337-6732* (Jurnal Sipil Statik Vol.5 No.6 Agustus 2017 (313-323) ISSN: 2337-6732), 2017: 314.
- Schmid, R., 1981, *Descriptive nomenclature and classification of pyroclastic deposits and fragments: Recommendations of the IUGS Subcommission on the Systematics of Igneous Rocks*, *Geology* 9, pp. 41-43.
- Supartoyo., Gede S., dan Djaja., 2009, *Peta Kawasan Rawan Bencana Gempabumi Pulau Bali*, Pusat Vulkanologi dan Mitigasi Bencana Geologi, Jakarta
- Sugalang, 2016. *Panduan Geologi Teknik*. Bandung: Pusat Sumber Daya Air Tanah dan Geologi Lingkungan Badan Geologi Kementerian ESDM.
- Suhendro, B., 2000. *Metode Elemen Hingga dan Aplikasinya*. Yogyakarta: Jurusan Teknik Sipil, Fakultas Teknik, Universitas Gadjah Mada.
- Terzaghi, K., dan R.B Peck, 1987. *Mekanika Tanah dalam Praktek Rekayasa*. Jakarta: Penerbit Erlangga.
- Van Zuidam, R.A., 1983, *Guide to Geomorphologic- Ariel Photographic Interpolation and Mapping*, ITC, Enschede, Netherland
- Wesley, L.D., 2012. *Mekanika Tanah untuk Tanah Endapan dan Residu*. Yogyakarta: Penerbit Andi.