



DAFTAR PUSTAKA

- ASTM (American Society for Testing and Material) D 2216-10, 2010, Standard Test Method for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass, West Conshohocken, Pennsylvania
- ASTM (American Society for Testing and Material) D 2487-17, 2017, Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System), West Conshohocken, Pennsylvania
- ASTM (American Society for Testing and Material) D-2937- 00, 2000, Standard Test Methods for Density of Soil in Place by Drive-Cylinde Method, West Conshohocken, Pennsylvania
- ASTM (American Society for Testing and Material) D 422-63, 2007, Standard Test Method for Particel Size Analysis of Soils, West Conshohocken, Pennsylvania
- ASTM (American Society for Testing and Material) D 4318-05, 2005, Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils, West Conshohocken, Pennsylvania
- ASTM (American Society for Testing and Material) D-5731-07, 2007, , Standard Test Methods for Determination of Point Load Strength Index of Rock, USA
- ASTM (American Society for Testing and Material) D 854-02, 2002, Standard Test Method for Specific Gravity of Soil Solids by Water Pycnometer, West Conshohocken, Pennsylvania
- Balai Koordinasi Survey dan Pemetaan Nasional. 2003. Spesifikasi Teknis Struktur Basis Data Spesial. Jakarta.-
- Bienawksi, Z.T. 1989. Engineering Rock Mass Classifications: New York, John Wiley & Sons.
- Bell, F. G., 2007, Engineering Geology, Second Edition: New York, Elsevier Ltd.
- Budithrisna, T., 1996, Peta Geologi Lembar Tasikmalaya. Bandung: Pusat Penelitian dan Pengembangan Geologi Kementerian Energi dan Sumberdaya Mineral, skala 1:100.000, 1 lembar.
- Brahmantyo, Budi. 2006. Klasifikasi Bentuk Muka Bumi untuk Pemetaan Geomorfologi. Bandung: Geoplika.
- Das, B. M., 2010, Principal of Geotechnical Engineering, Seventh Edition: Sacramento, California State University Press.
- Dearman, W. R., 1991, Engineering Geological Mapping: New York, Butterworth – Heinemann Ltd.
- Deere D. and Miller R. (1966): Engineering Classification And Index Properties. For Intact Rock Tech. Report No AFWL - TR-65-116, Air Force Weapons.
- Deere, D.U., 1989. *Rock quality designation (RQD) after 20 years in U.S.* USA: Army Corps Contract Report,
- Goodman, R. E., 1989. Introduction to Rock Mechanics. John Wiley and Sons: New. York, USA.
- Gonzalez de Vallejo, L., dan Ferrer, M. 2011, Geological Engineering: Balkema, CRC Press.
- Hardjomuljadi, S., 2010, Terowongan dengan NATM. Jakarta, PT. Mediatama Saptakarya.



- Hilmi F., dan Haryanto I., 2008, Pola Struktur Regional Jawa Barat, Vol. 6 : Bandung, Bulletin of Scientific Contribution.
- Hoek, E., 1994, Strength of Rock and Rock Masses, *International Society of Rock Mechanics News Journal*, vol.2, no.2, 4-16 p
- Hoek, E., dan Brown, E.T., 1997, Practical Estimates of Rock Mass Strength. *International Journal Rock Mechanics Mineral Science Vol 34: 1165–1186.*
- Hoek, E. dan Marinos. 2000. Rock Slope in Civil and Mining Engineering. International Conference on Geotechnical and Geological Engineering, Melbourne.
- Hoek, E., Carter, T. G., Diederichs, M. S., 2013, Quantification of the Geological Strength Index Chart, San Francisco: 47th US Rock Mechanics / Geomechanics Symposium, ARMA p. 13-67.
- ISRM (International Society for Rock Mechanics), 1978, Vol. 15 : Standardization of Laboratory and Field Test. *Int. J. Rock Mech. Min. Sci. & Geotech.*, hal: 319 – 368.
- Mardianto, F. 2020. Analisis Stabilitas Penggalan Terowongan Saluran Pengelak Bendungan Matenggeng, Cilacap, Jawa Tengah. Yogyakarta:-
- Marinos, V., Marinos, P., Hoek, E, 2005, The Geological Strength Index (Gsi): A Characterization Tool for Assessing Engineering Properties *For Rock Masses*. Bulletin Engineering Geological Environment, Vol. 64
- Martodjojo, 1984. Evolusi Cekungan Bogor. Bandung: Institut Teknologi. Bandung.
- Murti, A. B. 2019. Karakteristik Geologi Teknik Terowongan Pengelak Bendungan Leuwikeris, Kabupaten Cilacap, Jawa Barat. Yogyakarta :-
- Pemerintah Indonesia. 2010. Peraturan Presiden Republik Indonesia Nomor 37 Pasal 1 Tahun 2010 tentang Bendungan. Lembaran RI Tahun 2010, No. 45 : Sekretariat Negara RI.
- Pettijohn F. J. 1975. Sedimentary Rocks: Harper & Row Publishers, New York-. Evanston-San Fransisco-London.
- Price, D. G., 2009, Engineering Geology Principal and Practice: New York, Springer Heidelberg.
- Pusat Penelitian dan Pengembangan Sumber Daya Air (PUSLITBANG AIR). 1985. Peta Geologi Teknik Lokasi Rencana Bendungan Matenggeng 1 lembar
- Pusat Volkanologi dan Mitigasi Bencana Geologi (PVMBG), 2009, Peta Kerentanan Gerakan Tanah Cilacap Bandung : Pusat Volkanologi dan Mitigasi Bencana Geologi Kementerian Energi dan Sumberdaya Mineral skala 1:100.000, 1 lembar.
- PT. Jasapatria Gunatama, 2013, Laporan Survei Topografi dan Pemetaan Lokasi Rencana Bendungan Matenggeng. Cilacap , PT. Jasapatria Gunatama
- Sivakugan N., Skhula, S. K., dan Das, B. M., 2013. Rock Mechanics: New York, CRC Press, Taylor and Francis Group.
- Sochan, S., Indrawan, I. G. B, Kuncoro, D. A. 2019. Rock Mass Characterization for Assessment of Safet Cut Slope and Rock Bearing Capacity at Gondang Dam Site, Karanganyar, Indonesia. Yogyakarta: Jurnal of Applied Geology, vol 4(1), 2019, pp. 9-14



- Sutisna J. dan Wahjono, 2011, Peta Geologi Teknik Jawa Barat. Bandung: Direktorat Geologi Tata Lingkungan Kementrian Energi dan Sumberdaya Mineral skala 1:100.000, 1 lembar.
- van Bemmelen., R. W., 1949, The Geology of Indonesia, Vol. 1A: Hague, Government Printing Office.
- van Zuidam., R. W., 1983, Guide to Geomorphologic-Aerial Photographic Interpretation and Mapping: Enschede, The Netherlands.