

## DAFTAR PUSTAKA

- ASTM International D-2487, 2000, *Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)*, 100 Barr Harbor Drive, United States.
- ASTM, 2007, C 127 – 07, *Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate*.
- BAKOSURTANAL, 1991, *Peta Rupa Bumi Digital Indonesia Lembar 1408-213 Bagelen*, BAKOSURTANAL, Bogor.
- Bemmelen V, R.W., 1949, *The Geology of Indonesia Vol. 1 A*, Government Printing Office, The Hauge, Amsterdam.
- Bieniawski, Z.T., 1989, *Engineering Rock Mass Classification : A Complate Manual for Engineers and Geologist in Mining, Civil and Petroleum Engineering*, John Wiley & Sons, Inc., New York.
- Das, B. M., 2010, *Principles Of Geotechnical Engineering 7th Edition*, Cengage Learning, US.
- Dearman, W.R., 1991, *Engineering Geological Mapping*, Butterworth-Heinemann Ltd., Oxford.
- Deere. D.U., Deere. D.W., *The Rock Quality Designation (RQD) Index in Practice, Rock Calssification System for Engineering Purposes*, ASTM STP 984, Louis Kirkaldie, Ed., American Socierty for Testing and Materials, Philadelphia, 1989, pp. 91 – 101
- Fauzian, G., 2016, *Karakteristik Geologi Teknik dan Zona Kemampuan Geologi Teknik untuk Permukiman Desa Purwoharjo dan Gerbosari, Kecamatan Samigaluh, Kabupaten Kulon Progo, Daerah Istimewa Yogyakarta*, tidak dipublikasikan, Yogyakarta.
- Gurocak, Z., Selcuk A., and Musharraf M.Z., 2008, “*Rock Slope Stability and Excavatability Assessment of Rocks At The Kapikaya DAM Site, Turkey*” *Engineering Geology* 96, P. 17-27.
- Hamdani, 2020, *Evaluasi Kondisi Geologi Teknik dan Analisis Kestabilan Terowongan Saluran Pengelak Bendungan Jragung, Semarang-Jawa Tengah*, Universitas gadjah Mada, Yogyakarta.

- Hoek, E., Carter, T.G., Diederichs, M.S., 2013, *Quantification of the Geological Strength Index Chart*, ARMA, Canada.
- International Society for Rock Mechanics RTH 325 – 89, 1985. “*Suggested Method for Determining Point Load Strength*” *The Complete ISRM Suggested Method for Rock Characterization, Testing and Monitoring*, hal 53 – 56.
- Marinos, V., Marino, P., Hoek, E., 2005, *The Geological Strength Index : Applications and Limitations*, Springer – Verlag, Canada.
- Novianto, M.W.A., Djaja, dan Wahyudin, 1997, *Peta Geologi Teknik Lembar Yogyakarta, Skala 1 : 100.000*, Direktorat Geologi Tata Lingkungan, Bandung.
- Palmstorm, A., 1995, *Rmi- a Rock Mass Characterization System for Rock Engineering Purpose*, PhD thesis, University of Oslo, Department of Geology.
- Priest, S.D. and J.A. Hudson, 1976, *Discontinuity Spacings in rock*, Int. J. Rock Mech. Min. Sci & Geomech
- Pusat Vulkanologi dan Mitigasi Bencana Geologi., 2004, *Peta Kerentanan Gerakan Tanah Kota Salatiga dan Kabupaten Semarang, Provinsi Jawa Tengah*: Pusat Vulkanologi dan Mitigasi Bencana Geologi Kementerian Energi dan Sumberdaya Mineral skala 1:100.000, 1 lembar.
- Rahardjo, W., Sukandarrumidi, Rosidi, H.M.D., 1977, *Peta Geologi Lembar Yogyakarta, Skala 1 : 100.000*, Pusat Penelitian dan Pengembangan Geologi, Bandung.
- Saaty, T.L., and Vargas L.G., 2001, *Models, Methods, Concepts and Applications of The Analytic Hierarchy Process*, Springer Science and Business Media, New York.
- Singh B., and Goel R.K., 2011, *Engineering Rock Mass Classification*, Butterworth-Heinemann Ltd., USA.
- Singh, J. L., Tamrakar, N. K., 2013, *Rock Mass Rating and Geological Strength Index of rock masses of Thopal-Malekhu River areas, Central Nepal Lesser Himalaya*, Bulletin of the Department of Geology, Nepal.
- Syarief, E.A., 2013, *Tata cara Pemetaan dan Penyelidikan Geologi Teknik*, Badan Geologi, Bandung.

- Utami, T.E. dan Sutarjan, W., 2000, “*Rancangan Aplikasi SIG Untuk Pembuatan Peta Zona Kemampuan Geologi Teknik: Studi Kasus Daerah Jember Skala 1:100.000*” Buletin Geologi Tata Lingkungan Vol. 11 No. 4, p. 179-184.
- Vallejo, L. I., Ferrer, M., 2011, *Geological Engineering*, CRC Press Taylor & Francis Group, London UK.
- Van Zuidam., R. W., 1983, *Guide to Geomorphologic-Aerial Photographic Interpretation and Mapping*: Enschede, The Netherlands.