DAFTAR PUSTAKA

Adeoti, L., Ishola, K. S., and Adesanya, O. 2018. Subsurface investigation using electrical resistivity and standard penetration test as guide for gas pipeline installation in Lekki Peninsula, Lagos. *Electronic Journal of Geotechnical Engineering*, *18 N*, 2791–2804.

Asry, Z., Samsudin, A. R., Yaacob, W. N., and Yaakub, J. 2014. Geoelectrical Resistivity Imaging and Refraction Seismic Investigations at Sg.Udang, Melaka. *American Journal of Engineering and Applied Sciences*, *5*(1), 93–97.

Braga, A. C. O., Malagutti F, W., Dourado, J. C., and Chang, H. K. 2018. Correlation of Electrical Resistivity and Induced Polarization Data with Geotechnical Survey Standard Penetration Test Measurements. *Journal of Environmental and Engineering Geophysics*, *4*(2), 123–130.

Burger, H. R. 1992. *Exploration Geophysics of the Shallow Subsurface*. New Jersey: Prentice Hell.

BMKG. 1998. *Sumberdaya Geologi*. Buletin Meteorologi dan Geofisika No. 4. BMKG. Jakarta.

Dobrin, M. B. 1981. *Introduction to Geophysical Prospecting*. New York: Mc Graw-Hill.

FEMA 451. 2003. ASCE7-05 – *Seismic Load Analysis.* Federal Emergency Management Agency. Washington, D.C.

Hamilton, W.R., 1979. *Tectonics of the Indonesian Region*. USA: US Geological Survey Professional Paper.

Hazreek, M., and Zainal, B. 2014. Integral Analysis of Geoelectrical (Resistivity) and Geotechnical (Spt) Data in Slope Stability Assessment. *Academic Journal of Science*, *1*(2), 305–316.

Hurun. N. 2016. *Analisis Data Geolistrik Resistivitas Untuk Pemodelan Struktur Geologi Bawah Permukaan Gunung Lumpur Bangkalan,* Universitas Islam Negeri Maulana Malik Ibrahim Malang, 2016.

Hutagalung, R., dan Bakker, E. 2013. Identifikasi jenis batuan menggunakan metode geolistrik resistivitas konfigurasi Schlumberger dalam perencanaan pondasi bangunan di terminal transit desa passo. *Prosiding FMIPA Universitas Pattimura*, 159–167.

Iqfirlana, H., Suaidi, D.A., and Indriawan, B. 2015. Bedrock Resistivity Mapping As Basis For Determination Of Building Foundation In Plantation Area

Of Pancursari Malang. *Prosiding FMIPA Universitas Negeri Malang*, *1-5*.

Kearey, P., Brooks, M., and Hill, I. 2002. *An Introduction to Geophysical and Exploration*. London: Blackwell Science Ltd.

Kumar, R., Bhargava, K., & Choudhury, D. (2016). Estimation of Engineering Properties of Soils from Field SPT Using Random Number Generation. *INAE Letters*, *1*(3–4), 77–84.

Kunetz, G. 1966. *Principles of Direct Current Resistivity Prospecting*. Berlin-Nikolasee: Gebruder Borntraeger.

Listanti, S. N. R., Darsono, D., and Purwana, Y. M. 2018. A Comparison between Drilling and Standard Penetration Test (SPT) Data to the Electrical Resistivity Sounding with Schlumberger Configuration in UNS Area. *Indonesian Journal of Applied Physics*, *8*(2), 67.

Mangga, S.A. 1993, Peta Geologi Lembar Tanjung Karang, Sumatra. Pusat Penelitian dan Penembangan Geologi, Indonesia.

Milson, John. 2003. *Field Geophysics, 3rd Edition*. England: John Willey & Sons Ltd.

Pazha, H., Muhammad, F. H., Agustina, R. D., and Wiratama, R. 2019. The Identification of Hard Bottom Surface Structure using Correlation of Geoelectrical Resistivity Methods and SPT Data as Preliminary Studies for Laying the Foundation at Passing Cross Sumatera Toll Road, South Lampung Station. *Journal of Physics: Conference Series*, *1155*(1).

Rahardjo, Paulus P. 2005. *Manual Pondasi Tiang. Bandung*: Universitas Katolik Parahyangan.

Rizka, dan Satiawan, S. 2019. Investigasi Lapisan Akuifer Berdasarkan Data Vertical Electrical Sounding (VES) dan Data Electrical Logging ; Studi Kasus Kampus ITERA. *Bulletin of Scientific Contribution: GEOLOGY*, *17*(2), 91–100

Reynolds, Jhon M. 2005. *An Introduction to Applied and Environmental Geophysics*. USA: JhonWiley & Sons.

Santoso, B., Wijatmoko, B., Supriyana, E., & Harja, A. (2016). Penentuan Resistivitas Batubara Menggunakan Metode Electrical Resistivity Tomography dan Vertical Electrical Sounding. *Jurnal Material Dan Energi Indonesia*, *06*(01), 8–14.

Shobibah, S. 2018. *Dengan Menggunakan Geolistrik Konfigurasi Wenner-Schlumberger Dan Data Spt (Standart Penetration Test) (Studi Kasus:*

Jalan Tol Manado-Bitung), Universitas Islam Negeri Maulana Malik Ibrahim Malang, 2018.

Sosrodarsono, Suyono. 2000. *Mekanika Tanah dan Teknik Pondasi*. Terjemah dari "*Soil Mechanics and Foundation Engineering"* oleh Kazuto Nakazawa dkk. Jakarta: PT Pradnya Paramita.

Syed, B. A., and Siddiqui, F. I. 2012. Use of vertical electrical sounding (VES) method as an alternative to standard penetration test (SPT). *Proceedings of the International Offshore and Polar Engineering Conference*, *4*, 871–875.

Telford, W. M., L. P. Geldart, R. E Sheriff and D. A. Keys. 1990. *Applied Geophysic*. London: Cambridge University Press.

Vebrianto, Suhendra. 2016. *Eksplorasi Metode Geolistrik: Resistivitas, Polarisasi, Terinduksi, dan Potensial Diri*. Malang: Universitas Brawijaya Press (UB Press).

Virman. 2013. *Analisis Data Geolistrik dan Data Uji Tanah untuk Menentukan Struktur Bawah Permukaan Tanah Daerah Skyland Distrik Abepura Papua*. Jurnal Fisika, 3 (1): 43-50.

Wiraga, I. W. 2011. *Investigasi dan Uji Daya Dukung Tanah di Areal PLN Pesanggarahan dalam Rangka Pemilihan Pondasi yang Tepat Untuk Pembangkit Listrik Tenaga Disel PLN*. Jurnal Matrix. 1 (3): 19-25.

Yendra, A., & Salam, A. H. 2017. *Analisa dan Penentuan Lapisan Keras dengan Metode Geolistrik Untuk Dasar Pembangunan Gedung Baru di Politeknik Negeri Bengkalis*. *15*(1), 47–51.

Yulianto, T., dan Widodo, S. 2008. *Identidikasi Penyebaran dan Ketebalan Batubara Menggunakan Metode Geolistrik Resistivitas (Studi Kasus Daerah X Kabupaten Kuati Kertanegara Kalimatan Timur)*. *11*(2), 59–66.