

DAFTAR PUSTAKA

- Agustina, S. & Karlinasari, R. 2024. PREDIKSI PENURUNAN TANAH AKIBAT LIKUIFAKSI DI CILACAP SELATAN. *Jurnal Teknik SILITEK* 04(02): 238–247.
- Amen, S. 2021. Experimental study on the effect of plastic waste strips and waste brick powder on strength parameters of expansive soils. *Heliyon* 7(11): e08278, <https://doi.org/10.1016/j.heliyon.2021.e08278>.
- ASTM. 2021. Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft³ (600 kN-m/m³)). Reapproved, pp. 1–7, 2021, <https://doi.org/10.1520/The>.
- ASTM. 2024. Standard Test Method for Unconfined Compressive Strength of Cohesive Soilpp. 2–4, 2024, <https://doi.org/10.1520/D2166>.
- Bell, F.G. 1996. Lime stabilization of clay minerals and soils. *Engineering Geology* 42: 223–237.
- Blayi, R.A.; Sherwani, A.F.H.; Ibrahim, H.H. & Abdullah, S.J. 2020. Stabilization of high-plasticity silt using waste brick powder. *SN Applied Sciences* 2(12): 1–12, <https://doi.org/10.1007/s42452-020-03814-8>.
- Bruce, M.E.C.; Berg, R.R.; Collin, J.G.; Filz, G.M.; Terashi, M. & Yang, D.S. 2013. Federal Highway Administration Design Manual: Deep Mixing for Embankment and Foundation Support. october. McLean, VA.
- Clough, G.W.; Iwabuchi, J. & Rad, N. Shafii; Kuppusamy, T. 1989. INFLUENCE OF CEMENTATION ON LIQUEFACTION OF SANDS. *Journal of Geotechnical Engineering* 115(8): 1102–1117.
- Das, Braja M.; Sobhan, K. 2018. *Principles of Geotechnical Engineering*. 8 (Eighth. Boston, MA: Cengage Learning.
- Hardiyatmo, H.C. 2002. *Mekanika Tanah II*. 3rd ed. Yogyakarta: Gadjah Mada University Press.
- Hardy, T.; Nurdianto, B.; Ngadmanto, D. & Susilanto, P. 2015. *Karakteristik Lapisan Tanah Berpotensi Likuifaksi Berdasarkan Resistivitas Batuan Di Daerah Cilacap*. *Jurnal Meteorologi dan Geofisika* 1, 2015, <https://doi.org/10.31172/jmg.v16i1.262>.
- Hayder, M.R.; Ziari, H. & Shaban, A.M. 2025. Strength and microstructural characteristics of sand soils stabilized with paper sludge Ash- Based geopolymer 1–19.
- Hidalgo, C.; Carvajal, G. & Muñoz, F. 2019. Laboratory Evaluation of Finely Milled Brick Debris as a Soil Stabilizer. *Sustainability (Switzerland)* 11(4): 18–20, <https://doi.org/10.3390/su11040967>.
- Ishihara, K. 1996. *Soil Behaviour in Earthquake Geotechnics*. Oxford Uni..
- Kramer, S.L. 1996. *Geotechnical Earthquake Engineering (Kramer 1996).pdf*. 1st ed. Upper Saddle River, New Jersey: Prentice Hall.

- Little, D.N. 1995. *Handbook for Stabilization of Pavement Subgrades and Base Courses with Lime*. Austin, Texas: The Lime Association of Texas.
- Migunthanna, J.; Rajeev, P. & Sanjayan, J. 2022. Waste Clay Bricks as a Geopolymer Binder for Pavement Construction. *Sustainability* 14: 6176.
- Qi, S.; Liu, J.; Ma, W. & Wang, J. 2025. Strength Enhancement of Clay Through Lime – Sand Stabilization at Various Remolding Water Contents 1–17.
- Reddy, S.S.; Prasad, A.C.S. V. & Krishna, N.V. 2018. Advances in Civil Engineering - 2018 - Srikanth Reddy - Lime-Stabilized Black Cotton Soil and Brick Powder Mixture as.pdf2018.
- Roshan, M.J.; Safuan, A.; Rashid, B.A.; Azril, M.; Hezmi, B.; Nejabi, M.N.; Norafida, S.; Jusoh, B.; Tamassoki, S. & Razali, R. 2022. Evaluation of cement stabilised residual soil on macro - and micro - scale for road construction. *Journal of Engineering and Applied Science* 1–22, <https://doi.org/10.1186/s44147-022-00165-6>.
- Saxena, S.K.; Reddy, K.R. & Avramidis, A.S. 1988. Liquefaction Resistance of Artificially Cemented Sand 114(12): 1395–1413.
- Seed, H.B. & Idriss, I.M. 1970. *A SIMPLIFIED PROCEDURE FOR EVALUATING SOIL LIQUEFACTION POTENTIAL*. November.
- Tuyan, M.; Andiç-çakir, Ö. & Ramyar, K. 2017. Effect of alkali activator concentration and curing condition on strength and microstructure of waste clay brick powder-based geopolymer. *Composites Part B*, <https://doi.org/10.1016/j.compositesb.2017.10.013>.
- Youd, T.L.; Idriss, I.M.; Andrus, R.D.; Arango, I.; Castro, G.; Christian, J.T.; Dobry, R.; Finn, W.D.L.; Harder, L.F.; Hynes, M.E.; Ishihara, Kenji; Koester, J.P.; Liao, S.S.C.; Marcuson, W.F. & Martin, K.H. 2001. Liquefaction Resistance of Soils: Summary Report from the 1996 NCEER and 1998 NCEER/NSF Workshops on Evaluation of Liquefaction Resistance of Soils 127(10): 817–833.
- Agustina, S. & Karlinasari, R. 2024. PREDIKSI PENURUNAN TANAH AKIBAT LIKUIFAKSI DI CILACAP SELATAN. *Jurnal Teknik SILITEK* 04(02): 238–247.
- Amen, S. 2021. Experimental study on the effect of plastic waste strips and waste brick powder on strength parameters of expansive soils. *Heliyon* 7(11): e08278, <https://doi.org/10.1016/j.heliyon.2021.e08278>.
- ASTM. 2021. Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft³ (600 kN-m/m³)). Reapproved, pp. 1–7, 2021, <https://doi.org/10.1520/The>.
- ASTM. 2024. Standard Test Method for Unconfined Compressive Strength of Cohesive Soil pp. 2–4, 2024, <https://doi.org/10.1520/D2166>.
- Bell, F.G. 1996. Lime stabilization of clay minerals and soils. *Engineering Geology* 42: 223–237.
- Blayi, R.A.; Sherwani, A.F.H.; Ibrahim, H.H. & Abdullah, S.J. 2020. Stabilization of

- high-plasticity silt using waste brick powder. *SN Applied Sciences* 2(12): 1–12, <https://doi.org/10.1007/s42452-020-03814-8>.
- Bruce, M.E.C.; Berg, R.R.; Collin, J.G.; Filz, G.M.; Terashi, M. & Yang, D.S. 2013. Federal Highway Administration Design Manual: Deep Mixing for Embankment and Foundation Support. october. McLean, VA.
- Clough, G.W.; Iwabuchi, J. & Rad, N. Shafii; Kuppusamy, T. 1989. INFLUENCE OF CEMENTATION ON LIQUEFACTION OF SANDS. *Journal of Geotechnical Engineering* 115(8): 1102–1117.
- Das, Braja M.; Sobhan, K. 2018. *Principles of Geotechnical Engineering*. 8 (Eighth. Boston, MA: Cengage Learning.
- Hardiyatmo, H.C. 2002. *Mekanika Tanah II*. 3rd ed. Yogyakarta: Gadjah Mada University Press.
- Hardy, T.; Nurdiyanto, B.; Ngadmanto, D. & Susilanto, P. 2015. *Karakteristik Lapisan Tanah Berpotensi Likuifaksi Berdasarkan Resistivitas Batuan Di Daerah Cilacap*. *Jurnal Meteorologi dan Geofisika* 1, 2015, <https://doi.org/10.31172/jmg.v16i1.262>.
- Hayder, M.R.; Ziari, H. & Shaban, A.M. 2025. Strength and microstructural characteristics of sand soils stabilized with paper sludge Ash- Based geopolymer 1–19.
- Hidalgo, C.; Carvajal, G. & Muñoz, F. 2019. Laboratory Evaluation of Finely Milled Brick Debris as a Soil Stabilizer. *Sustainability (Switzerland)* 11(4): 18–20, <https://doi.org/10.3390/su11040967>.
- Ishihara, K. 1996. *Soil Behaviour in Earthquake Geotechnics*. Oxford Uni..
- Kramer, S.L. 1996. *Geotechnical Earthquake Engineering (Kramer 1996).pdf*. 1st ed. Upper Saddle River, New Jersey: Prentice Hall.
- Little, D.N. 1995. *Handbook for Stabilization of Pavement Subgrades and Base Courses with Lime*. Austin, Texas: The Lime Association of Texas.
- Migunthanna, J.; Rajeev, P. & Sanjayan, J. 2022. Waste Clay Bricks as a Geopolymer Binder for Pavement Construction. *Sustainability* 14: 6176.
- Qi, S.; Liu, J.; Ma, W. & Wang, J. 2025. Strength Enhancement of Clay Through Lime – Sand Stabilization at Various Remolding Water Contents 1–17.
- Reddy, S.S.; Prasad, A.C.S. V. & Krishna, N.V. 2018. Advances in Civil Engineering - 2018 - Srikanth Reddy - Lime-Stabilized Black Cotton Soil and Brick Powder Mixture as.pdf2018.
- Roshan, M.J.; Safuan, A.; Rashid, B.A.; Azril, M.; Hezmi, B.; Nejabi, M.N.; Norafida, S.; Jusoh, B.; Tamassoki, S. & Razali, R. 2022. Evaluation of cement stabilised residual soil on macro - and micro - scale for road construction. *Journal of Engineering and Applied Science* 1–22, <https://doi.org/10.1186/s44147-022-00165-6>.
- Saxena, S.K.; Reddy, K.R. & Avramidis, A.S. 1988. Liquefaction Resistance of

Artificially Cemented Sand 114(12): 1395–1413.

Seed, H.B. & Idriss, I.M. 1970. *A SIMPLIFIED PROCEDURE FOR EVALUATING SOIL LIQUEFACTION POTENTIAL*. November.

Tuyan, M.; Andiç-çakir, Ö. & Ramyar, K. 2017. Effect of alkali activator concentration and curing condition on strength and microstructure of waste clay brick powder-based geopolymer. *Composites Part B*, <https://doi.org/10.1016/j.compositesb.2017.10.013>.

Youd, T.L.; Idriss, I.M.; Andrus, R.D.; Arango, I.; Castro, G.; Christian, J.T.; Dobry, R.; Finn, W.D.L.; Harder, L.F.; Hynes, M.E.; Ishihara, Kenji; Koester, J.P.; Liao, S.S.C.; Marcuson, W.F. & Martin, K.H. 2001. Liquefaction Resistance of Soils: Summary Report from the 1996 NCEER and 1998 NCEER/NSF Workshops on Evaluation of Liquefaction Resistance of Soils 127(10): 817–833.

