

with L/D ratios of 3, 5, 6, 8, 10 respectively when compared with unreinforced clay bed.

3. The bearing capacity factors increases with increase in L/D ratios.
4. The settlement reduction factor of reinforced clay bed is 1.75, 1.85, 2.53, 4.1 and 6.1 times L/D ratios of 3, 5, 6, 8 and 10 respectively when compared with unreinforced clay soil. This is a clear indication of improvement because of the reinforcement provided by stiffer fill material.

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