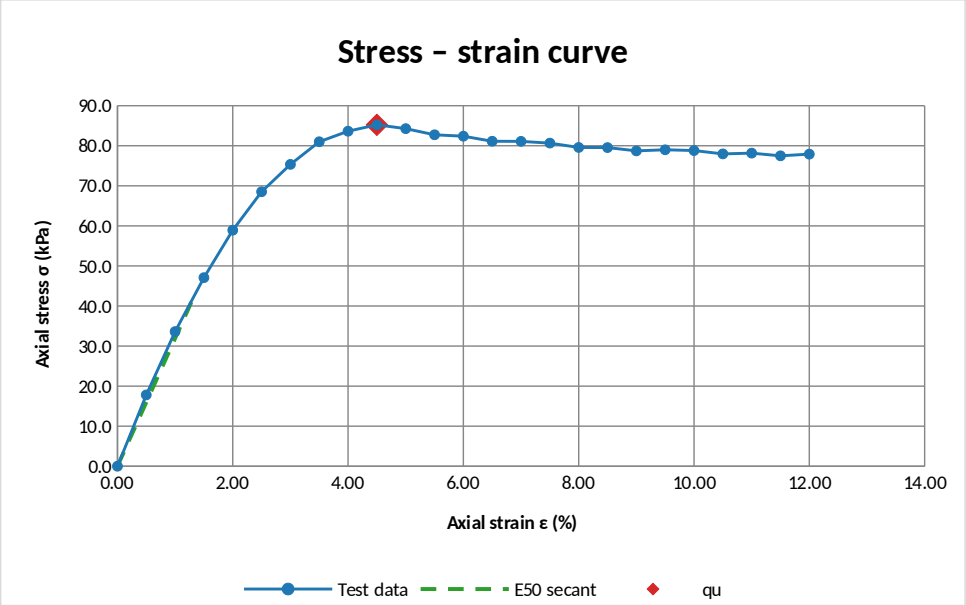
Unconfined Compression Test Report | گزارش آزمایش فشار تک‌محوری

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Project / پروژه	Sample Project
Boring – Sample / گمانه	BH-5 / UD-1
Depth (m) / عمق	3
Date / تاریخ	2026-10-17
Tested by	Lab

Quantity / کمیت	Value / مقدار	Unit	Quantity / کمیت	Value	Unit
qu	**85.2**	kPa	**γ (unit weight)**	**19.0**	kN/m³
cu = qu / 2	**42.6**	kPa	**w (water content)**	**24.0**	%
εf (strain at failure)	**4.50**	%	**γd (dry unit weight)**	**15.3**	kN/m³
E50	**3194**	kPa	**H / D**	**2.00**	–

Consistency: Medium / متوسط | Criterion: Peak stress | Failure mode: Bulging
Check: OK



Notes: ASTM D2166 data reduction; qu is the maximum stress or the stress at 15 % strain; cu = qu/2 applies to saturated clay only. For design use, review by a qualified geotechnical engineer is required.
نتایج باید توسط مهندس ژئوتکنیک ذی‌صلاح بازبینی شود.