Consolidation Test Report | گزارش آزمایش تحکیم

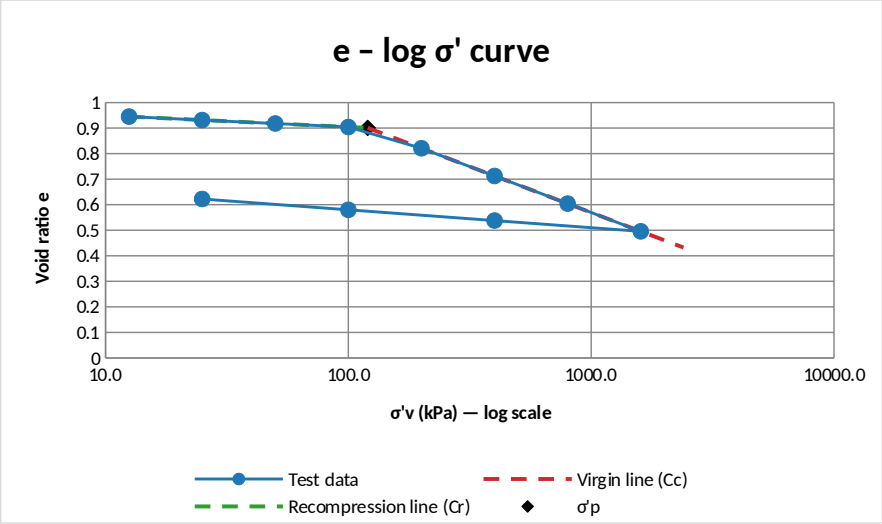
Generated from sheets Consol / Time_Rate / Settlement · RastaWorks

Project / پروژه	Sample Project
Boring – Sample / گمانه	BH-2 / UD-4
Depth (m) / عمق	6
Date / تاریخ	2026-10-16
Tested by	Lab

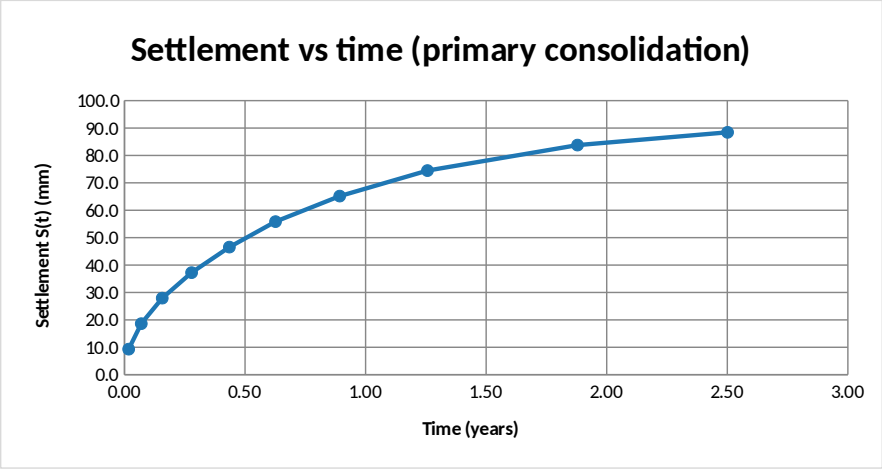
Quantity / کمیت	Value / مقدار	Unit	Quantity / کمیت	Value	Unit
e0	**0.950**	–	**w0**	**34.0**	%
γ	**18.2**	kN/m³	**Sr0**	**96.6**	%
Cc	**0.360**	–	**Cr**	**0.045**	–
Cs	**0.070**	–	**σ'p**	**120.1**	kPa
σ'v0	**68.8**	kPa	**OCR**	**1.75**	–
cv (design)	**1.81**	m²/yr	**k (mean)**	**1.08E-10**	m/s
Cα	**0.0144**	–	**Sc (layer)**	**93.1**	mm

Overconsolidated / پیش‌تحکیم‌یافته

نمودار e–logσ' و خطوط بکر و بازتحکیم



منحنی نشست بر حسب زمان (فقط تحکیم اولیه)



Notes: ASTM D2435 data reduction; σ'p from the intersection of the recompression and virgin lines (or the adopted graphical value). Sample disturbance corrections are not applied. For design use, review by a qualified geotechnical engineer is required.
نتایج باید توسط مهندس ژئوتکنیک ذی‌صلاح بازبینی شود.