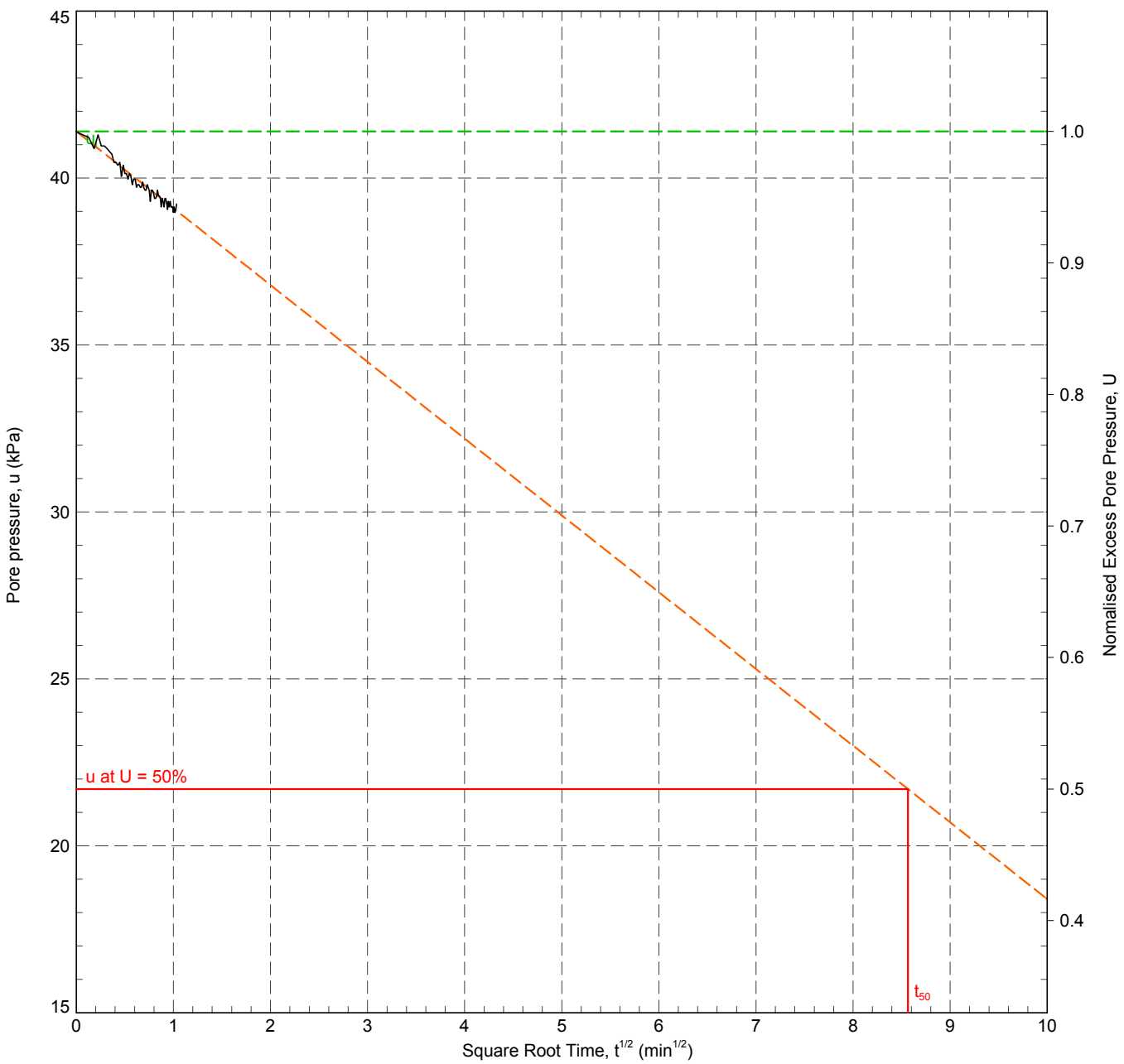
DISSIPATION TEST

Datgel DATA SOLUTIONS Geotechnics • Geoenvironment • Laboratory

Test ID
V-Diss test NC 2 - 7.00 m

CLIENT	: CPT Client	AREA	: Sydney 19-05-08	SHEET	: 1 OF 1
ENGINEER	:	EASTING	: 248189.7 m	STATUS	:
PROJECT	: CPT Tool Project	NORTHING	: 1267403.9 m	DATE	:
LOCATION	: Somewhere	COORD. SYS.	: MGA94 56		
PROJECT No.	: 123456	ELEVATION	: 3.10 m AHD		



In Situ Pore Pressure, u_0:	2 kPa	Horizontal Coefficent of Consolidation, c_h:	8.84×10^0 m^2/yr
Initial Pore Pressure, u_i:	41.4 kPa	Ratio c_h/c_v:	10
Finial Pore Pressure:	41.38 kPa	Vertical Coefficent of Consolidation, c_v:	8.84×10^{-1} m^2/yr
Degree of Dissipation:	50 %		
Dissipation Pressure:	21.7 kPa		
Time for 50% Dissipation, t_{50}:	73.36 min		
Calculation Remark:	t50 interpolated from best fit line		

RIG	: TRACK RIG	ANALYSED BY	:	DATE:	REMARK
CONE TYPE	:	CHECKED BY	:	DATE:	
CONE ID	: EC17	APPROVED BY	:	DATE:	
OPERATOR	:				

DATGEL CPT TOOL DGD LIB 2.01.GLB Graph CPT DISS. PORE PRESSURE VS. SQR T DATGEL CPT TOOL DGD 2.01.GPJ <<DrawingFile>> Datgel CPT Tool gINT Add-In 27/10/2009 16:25

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