
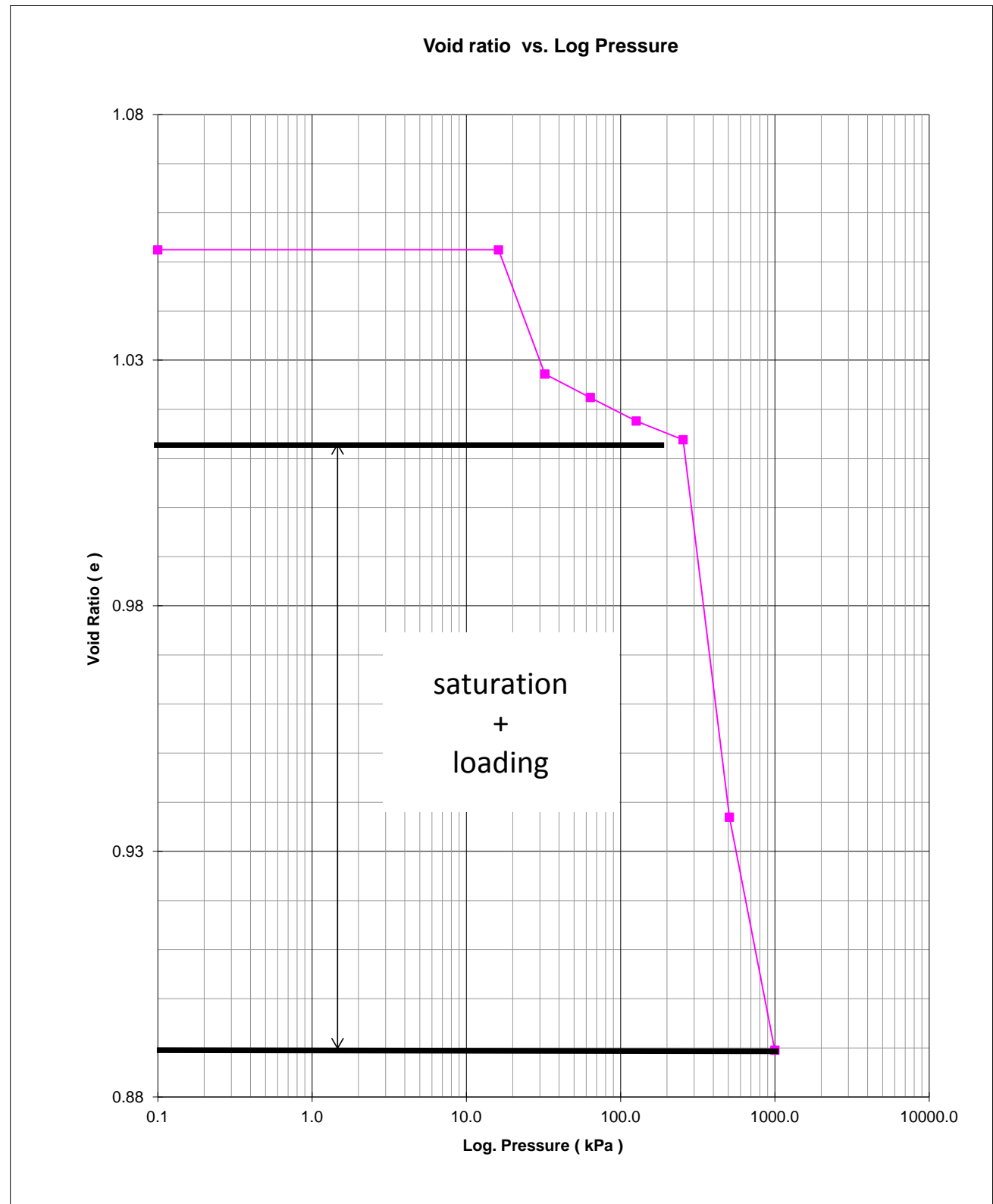


Apparatus Data			Moisture Content Data		
Ring No.	7		Wt. of Ring + Soil + Water (Start)	187.80	g
Weight of ring	81.0	g	Wt. of Ring + Soil + Water (End)	193.20	g
Thickness	18.5	mm	Wt. of Ring	81.00	g
Diameter	65.9	mm	Wt. of Soil + Water (End)	112.20	g
Area	34.1	cm ²	Wt. of Tare (Tare #)	81.00	g
Machine No.	7		Wt. of Soil Dry + Tare	165.93	g
Loading Beam Ratio	11:01		Wt. of Soil	84.93	g
Weight of Top + Stone	0.345	kg			

Specimen Data				Index Tests		Calculated	Final
Specimen Height	18.4500	16.9854	mm	Specific Gravity	(Assumed)	2.77	
Volume of Specimen	62.93	57.93	ml	Liquid Limit	%		
Volume of Solids	30.66	30.66	ml	Plastic Limit	%		
Volume of Voids	32.27	27.27	ml	Plastic Index	%		
Volume of Water	21.87	27.27	ml	Sand	%		
Void Ratio	1.052	0.890		Silt	%		
Saturation	67.8	100.0	%	Clay	%		
Moisture Content	25.8	32.1	%	Soil Description		SILTY SAND (50% INITIAL SATURATION)	
Height of Solids	8.99	8.99	mm				
Wet Density	1697	1937	kg/m ₃				
Dry Density	1350	1466	kg/m ³				
Compressive Index C _c				Swelling Pressure P _s		16.16	kPa
Recompression Index C _r				Percent Swell			%
Pre-Consolidation Pressure P ₀			kPa	Overburden Pressure P _v			kPa

[illegible]

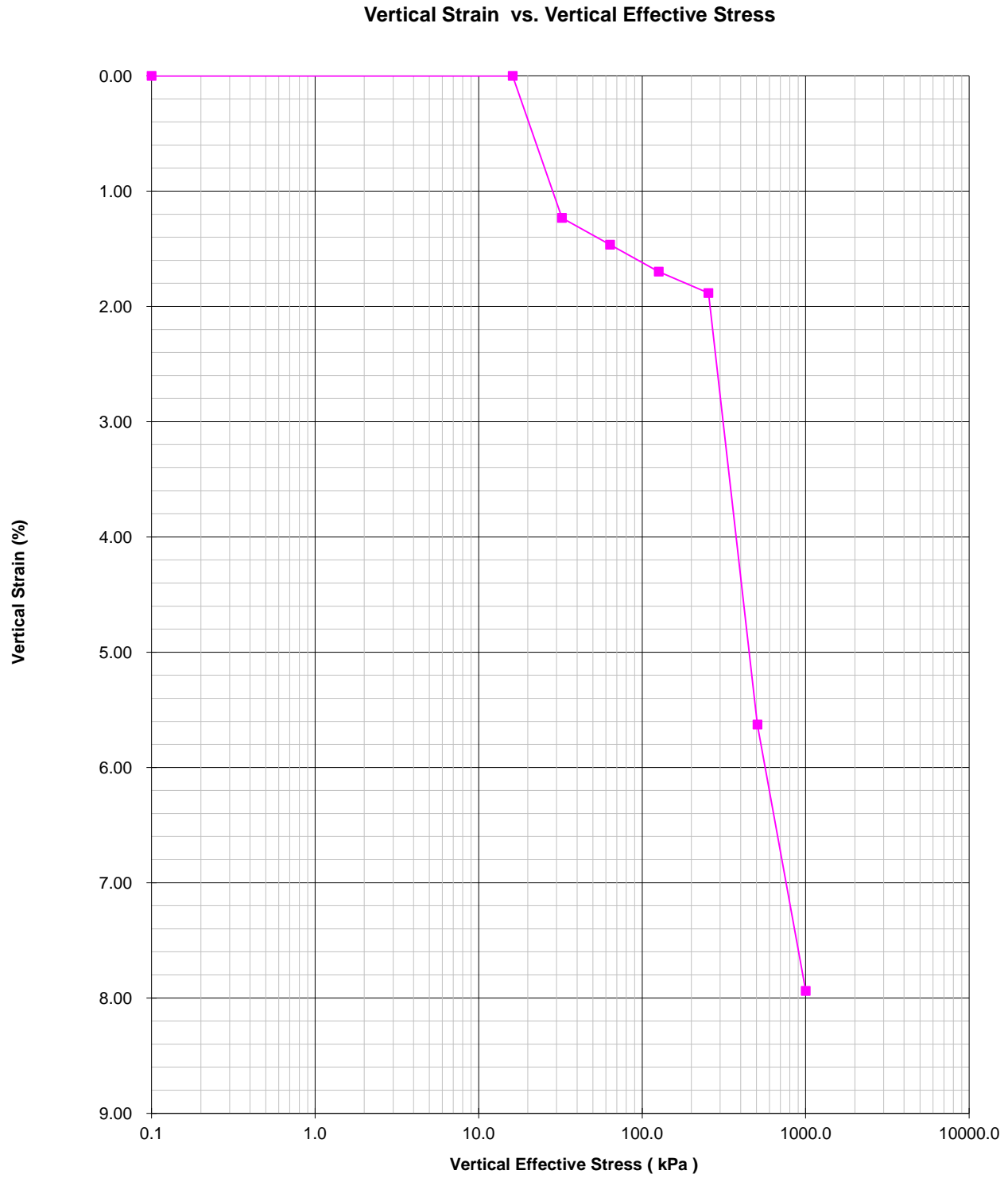
	Project			M. Nansen TA5 2013
	Test			Government of Yucon
	Location			N/A
	Job No.	VM00605E.B001	Sample No.	GS1
	Hole No.	TP-T-13-6	Depth	0.8-0.9 m
ONE-DIMENSIONAL CONSOLIDATION TEST (ASTM D2435-90)	Reported by		CR/SH	
			Date Started	04-Feb-14





ONE-DIMENSIONAL CONSOLIDATION TEST
(ASTM D2435-90)

Project	M. Nansen TA5 2013		
Test	Government of Yucon		
Location	N/A		
Job No.	VM00605E.B001	Sample No.	GS1
Hole No.	TP-T-13-6	Depth	0.8-0.9 m
Reported by	CR/SH	Date Started	04-Feb-14





ONE-DIMENSIONAL CONSOLIDATION TEST
(ASTM D2435-90)

Project	M. Nansen TA5 2013		
Test	Government of Yucon		
Location	N/A		
Job No.	VM00605E.B001	Sample No.	GS1
Hole No.	TP-T-13-6	Depth	0.8-0.9 m
Reported by	CR/SH	Date Started	04-Feb-14

Void Ratio vs. Coefficient of Consolidation

