
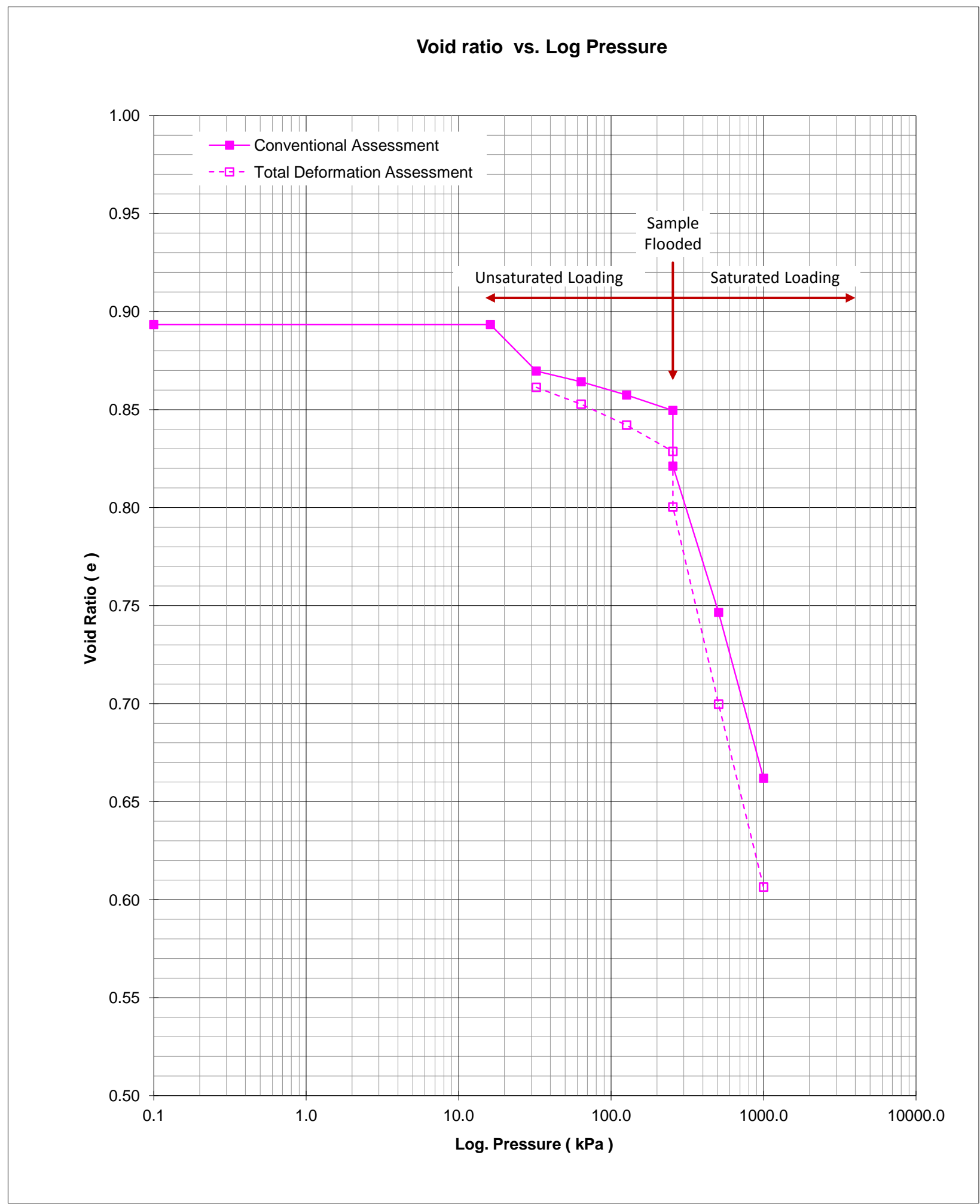



Apparatus Data			Moisture Content Data		
Ring No.	8		Wt. of Ring + Soil + Water (Start)	180.50	g
Weight of ring	76.5	g	Wt. of Ring + Soil + Water (End)	190.20	g
Thickness	18.0	mm	Wt. of Ring	76.50	g
Diameter	66.2	mm	Wt. of Soil + Water (End)	113.70	g
Area	34.4	cm ²	Wt. of Tare (Tare #)	76.50	g
Machine No.	8		Wt. of Soil Dry + Tare	168.53	g
Loading Beam Ratio	11:01		Wt. of Soil	92.03	g
Weight of Top + Stone	0.345	kg			

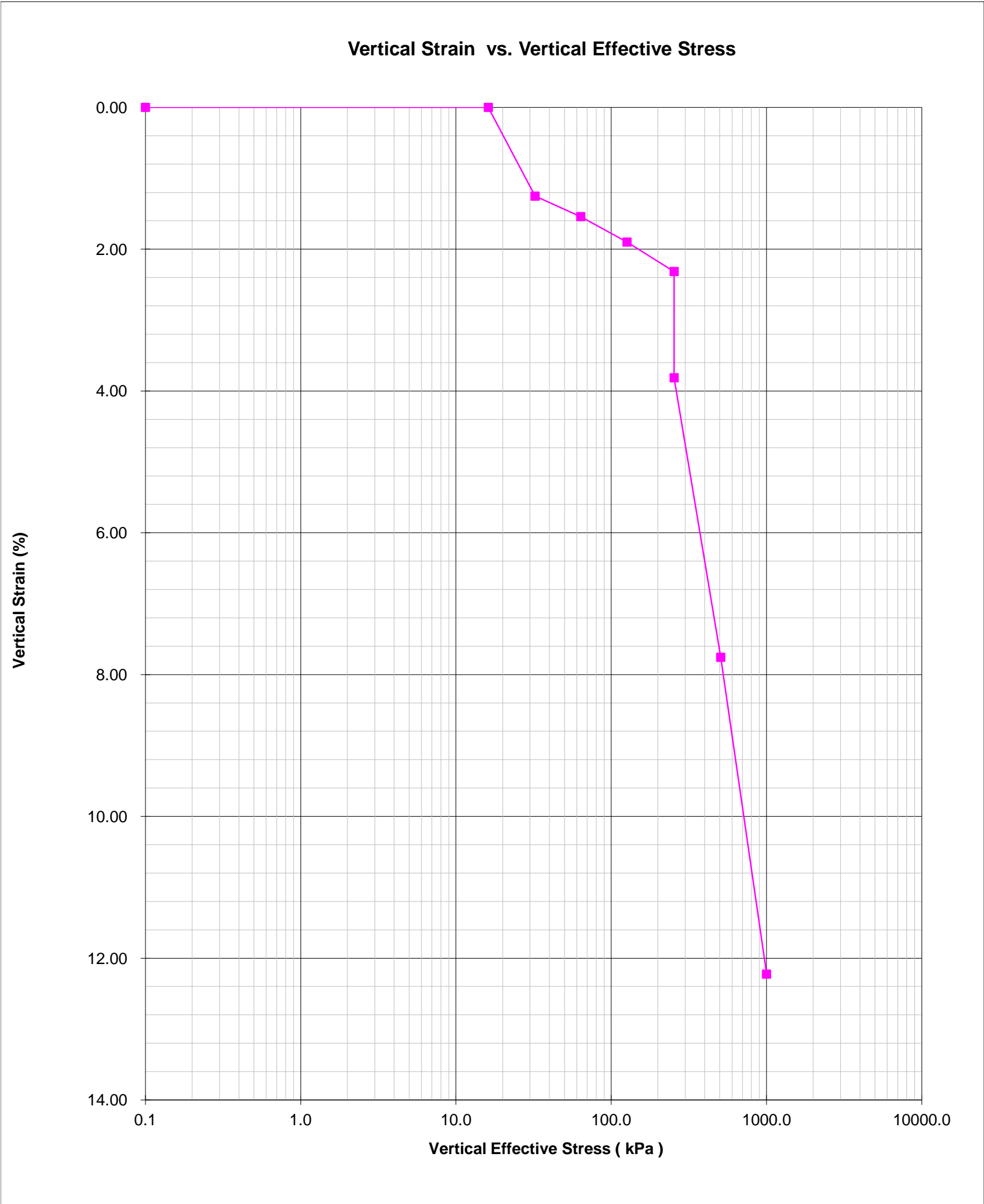
Specimen Data			Initial	Final		Index Tests		Calculated	Final
Specimen Height			18.0340	15.8293	mm	Specific Gravity (Assumed)		2.81	
Volume of Specimen			62.01	54.43	ml	Liquid Limit %			
Volume of Solids			32.75	32.75	ml	Plastic Limit %			
Volume of Voids			29.26	21.68	ml	Plastic Index %			
Volume of Water			11.97	21.67	ml	Sand %			
Void Ratio			0.893	0.662		Silt %			
Saturation			40.9	100.0	%	Clay %			
Moisture Content			13.0	23.5	%	Soil Description		SILTY CLAY (50% INITIAL SATURATION)	
Height of Solids			9.52	9.52	mm				
Wet Density			1677	2089	kg/m ₃				
Dry Density			1484	1691	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]

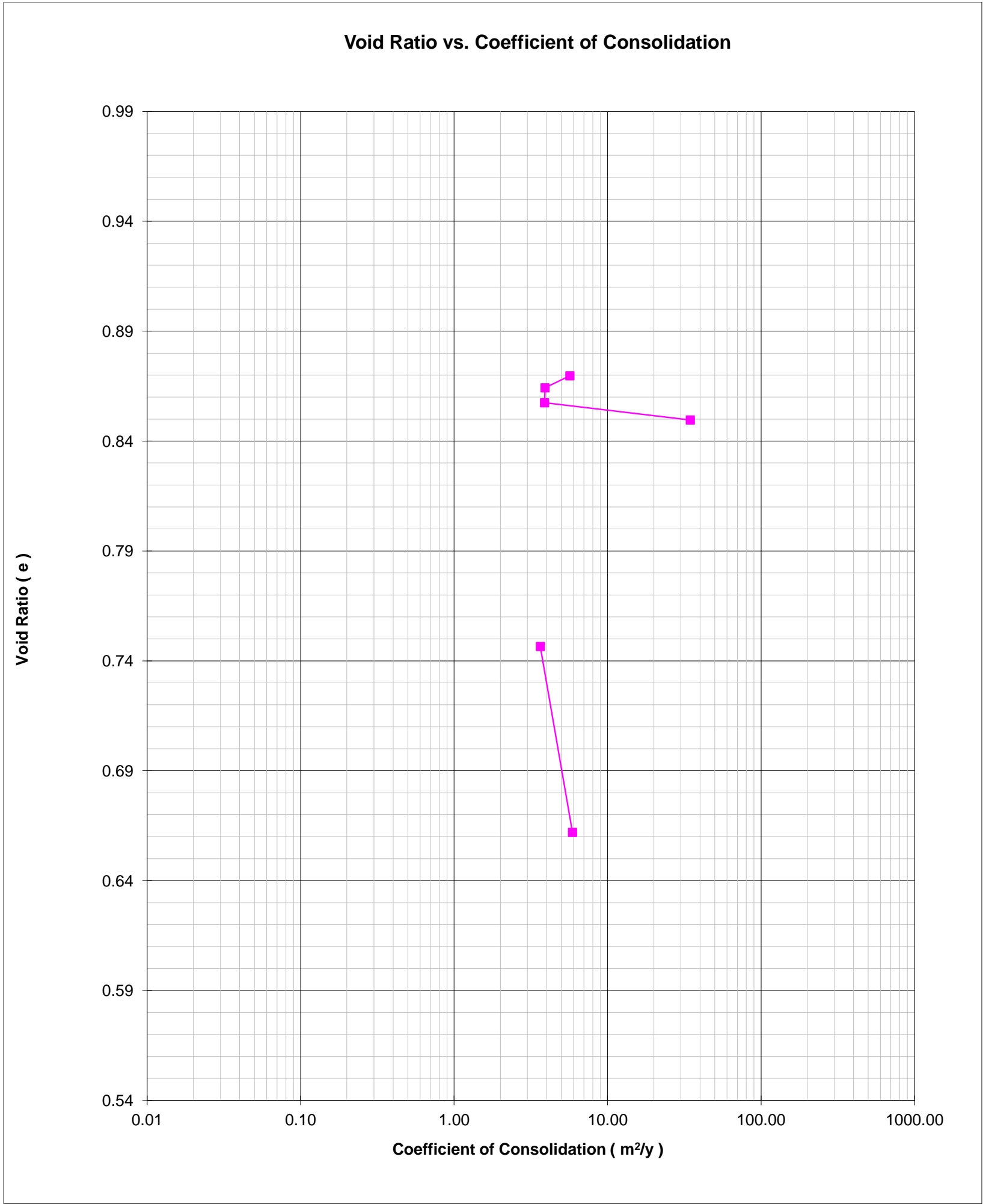
	Project		Mount Nansen TA5 2013	
	Test		Government of Yukon - AAM	
	Location		N/A	
	Job No.	VM00605E.B001	Sample No.	GS5
	Hole No.	TP-T-13-04	Depth	3.0-3.1 m
ONE-DIMENSIONAL CONSOLIDATION TEST (ASTM D2435-90)		Reported by	CR/SH	Date Started
				04-Feb-14



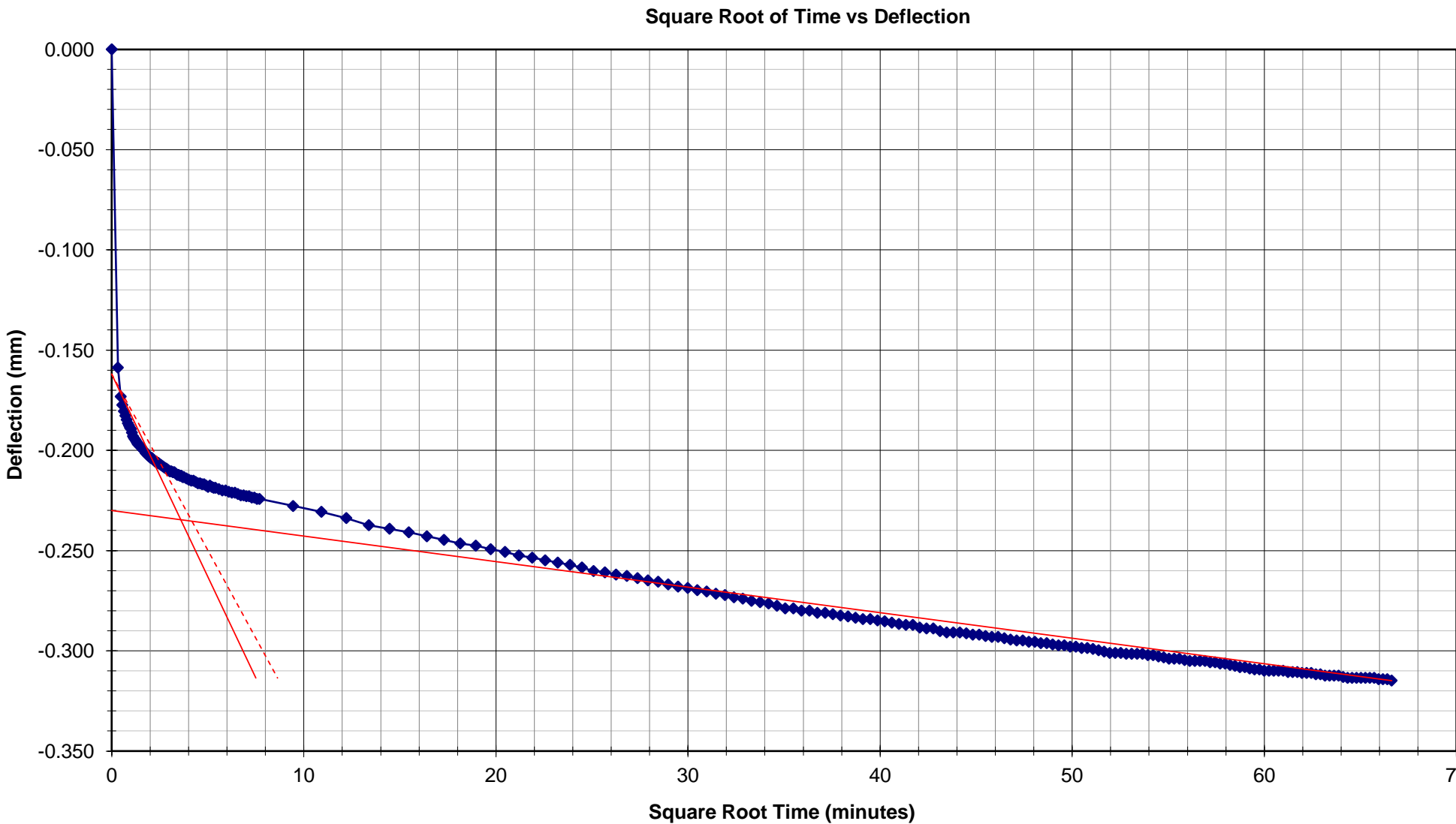
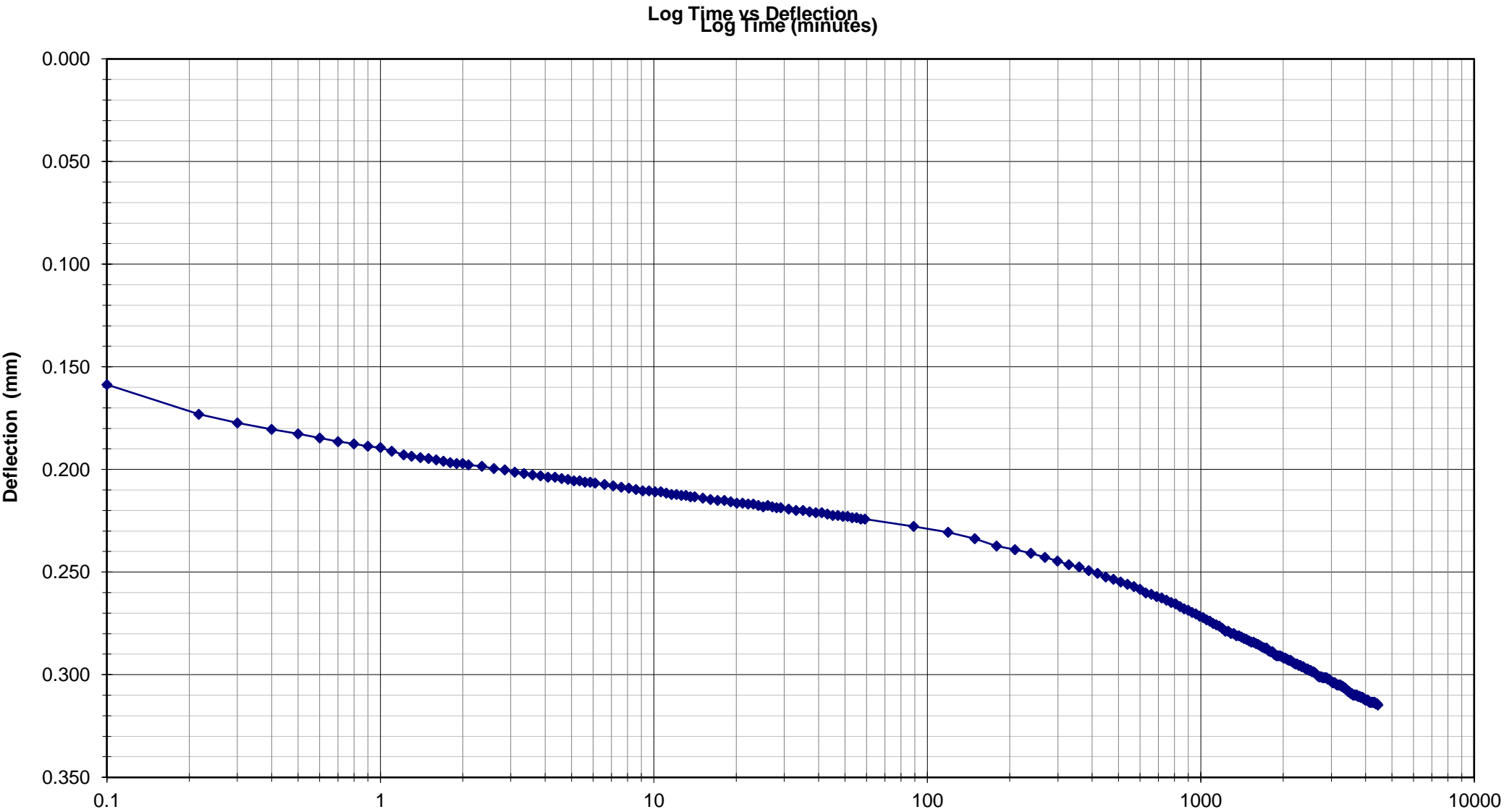
	Project	Mount Nansen TA5 2013		
	Test	Government of Yukon - AAM		
	Location	N/A		
	Job No.	VM00605E.B001	Sample No.	GS5
	Hole No.	TP-T-13-04	Depth	3.0-3.1 m
ONE-DIMENSIONAL CONSOLIDATION TEST (ASTM D2435-90)	Reported by	CR/SH	Date Started	04-Feb-14



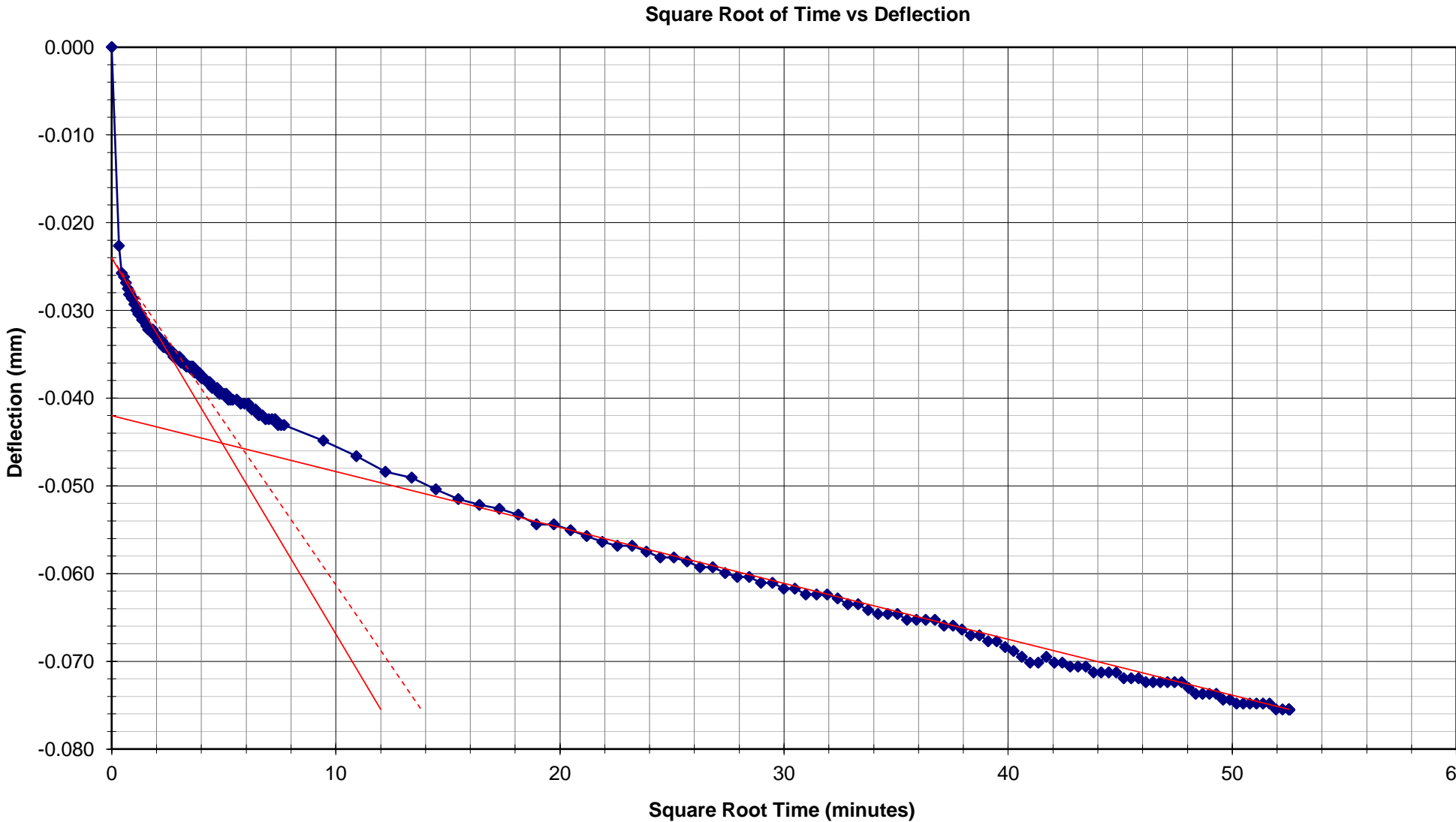
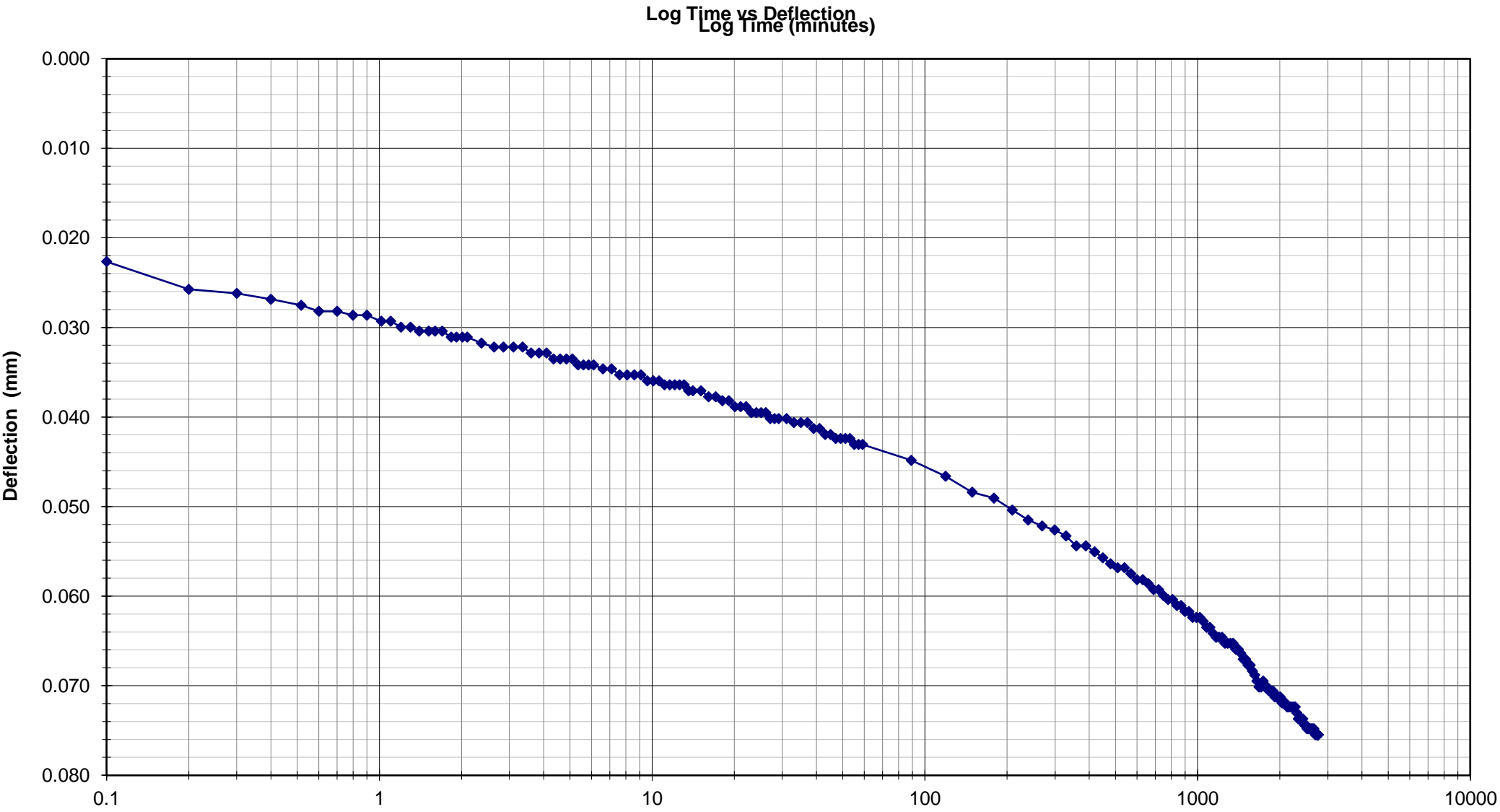
	Project	Mount Nansen TA5 2013		
	Test	Government of Yukon - AAM		
	Location	N/A		
	Job No.	VM00605E.B001	Sample No.	GS5
	Hole No.	TP-T-13-04	Depth	3.0-3.1 m
ONE-DIMENSIONAL CONSOLIDATION TEST (ASTM D2435-90)	Reported by	CR/SH	Date Started	04-Feb-14



<div>AMEC EARTH & ENVIRONMENTAL</div> <div>Engineering & Environmental Services</div> <div>ONE-DIMENSIONAL CONSOLIDATION TEST</div> <div>(ASTM D2435-90)</div>	Project	Mount Nansen TA5 2013		
	Location			
	Job No.	VM00605E.B001	Sample No.	GS5
	Hole No.	TP-T-13-04	Depth (ft)	3.0-3.1 m
	Technician	CR/SH	Loading Date	
	Loading Stage	32.32 kPa	Start Loading Time	4-Feb-14 11:06

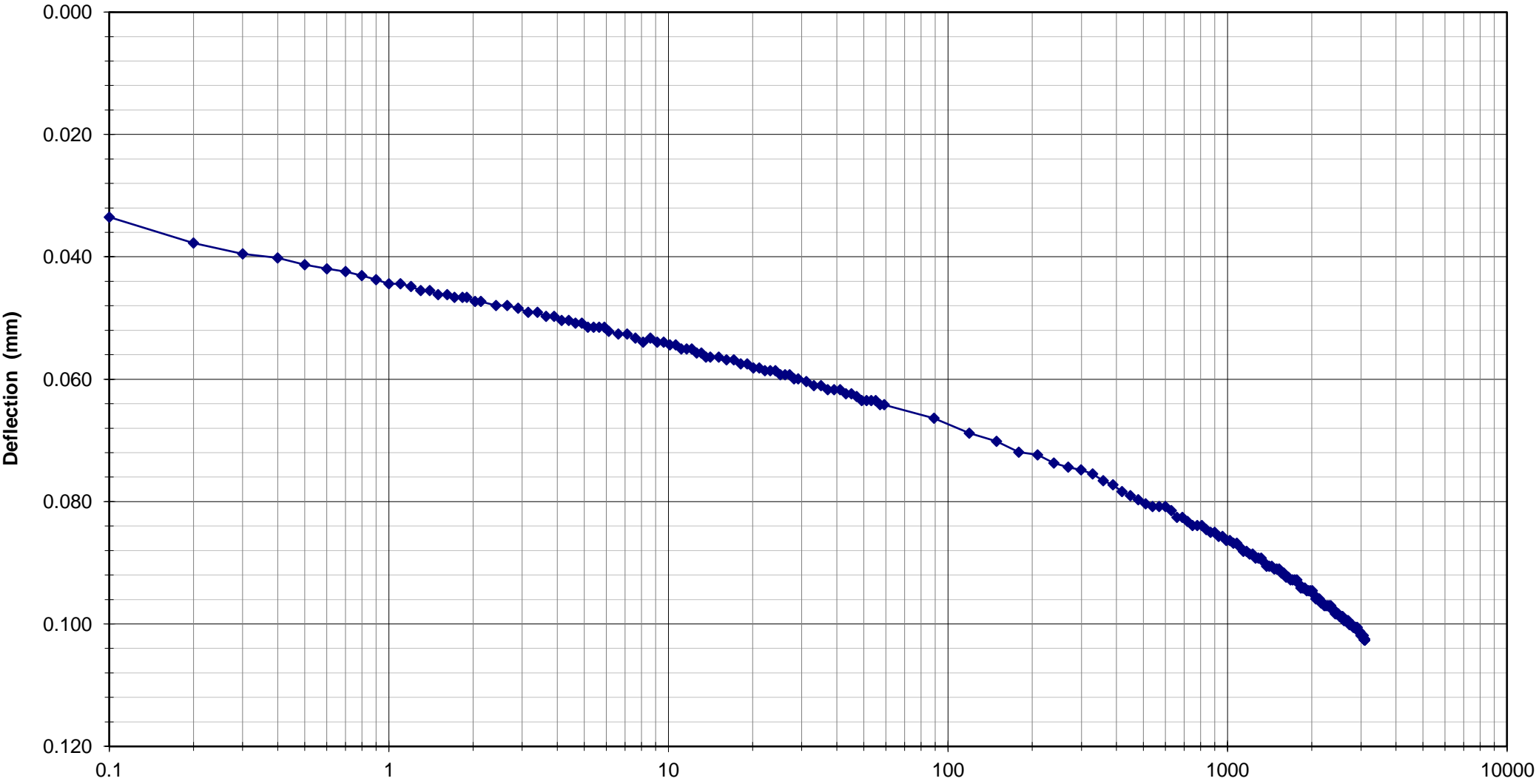


<div>AMEC EARTH & ENVIRONMENTAL</div> <div>Engineering & Environmental Services</div> <div>ONE-DIMENSIONAL CONSOLIDATION TEST</div> <div>(ASTM D2435-90)</div>	Project	Mount Nansen TA5 2013		
	Location			
	Job No.	VM00605E.B001	Sample No.	GS5
	Hole No.	TP-T-13-04	Depth (ft)	3.0-3.1 m
	Technician	CR/SH	Loading Date	
	Loading Stage	63.66 kPa	Start Loading Time	7-Feb-14 13:15

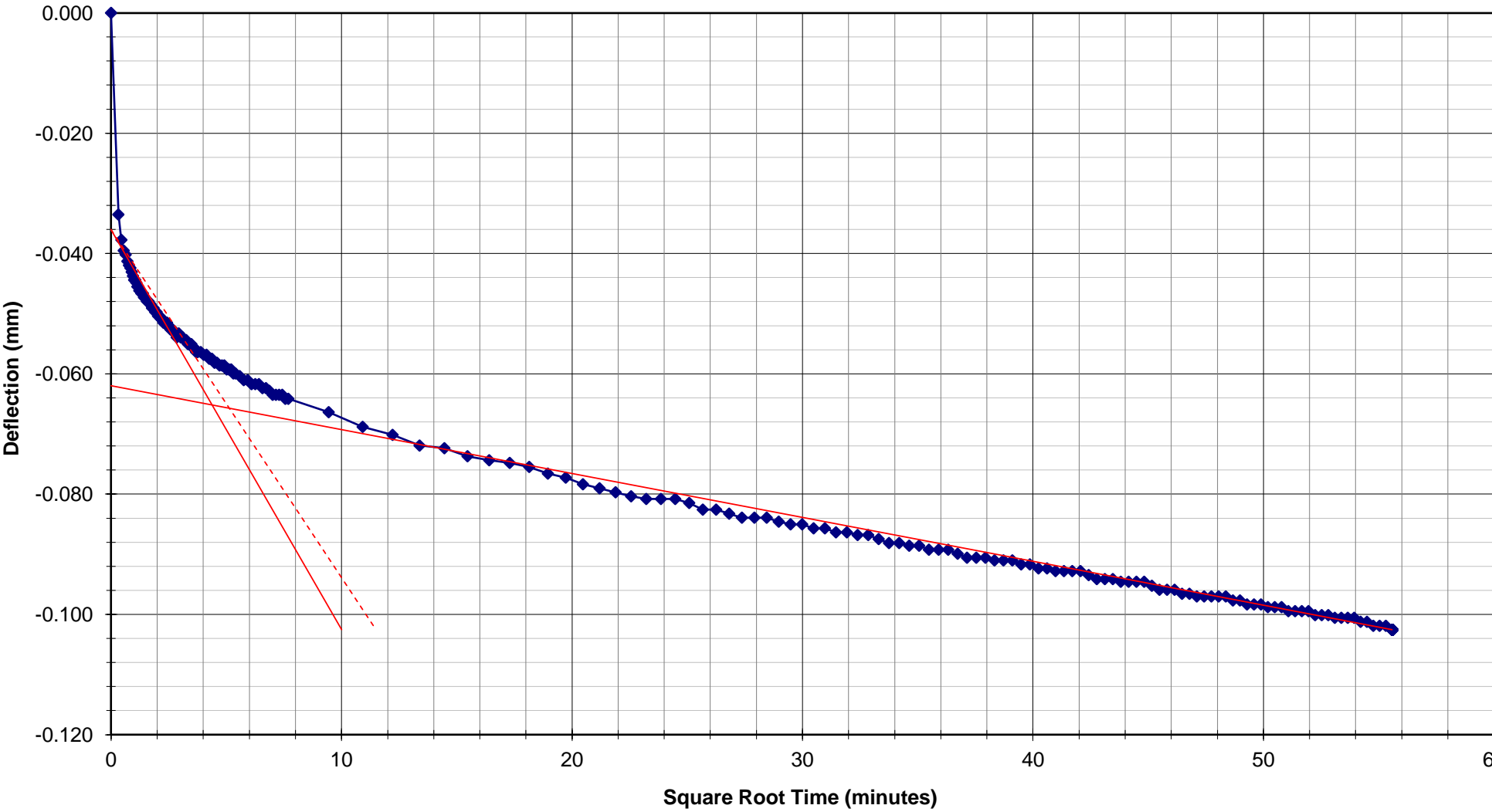


<div>AMEC EARTH & ENVIRONMENTAL</div> <div>Engineering & Environmental Services</div> <div>ONE-DIMENSIONAL CONSOLIDATION TEST</div> <div>(ASTM D2435-90)</div>	Project	Mount Nansen TA5 2013		
	Location			
	Job No.	VM00605E.B001	Sample No.	GS5
	Hole No.	TP-T-13-04	Depth (ft)	3.0-3.1 m
	Technician	CR/SH	Loading Date	
	Loading Stage	126.34 kPa	Start Loading Time	9-Feb-14 11:43

Log Time vs Deflection
Log Time (minutes)

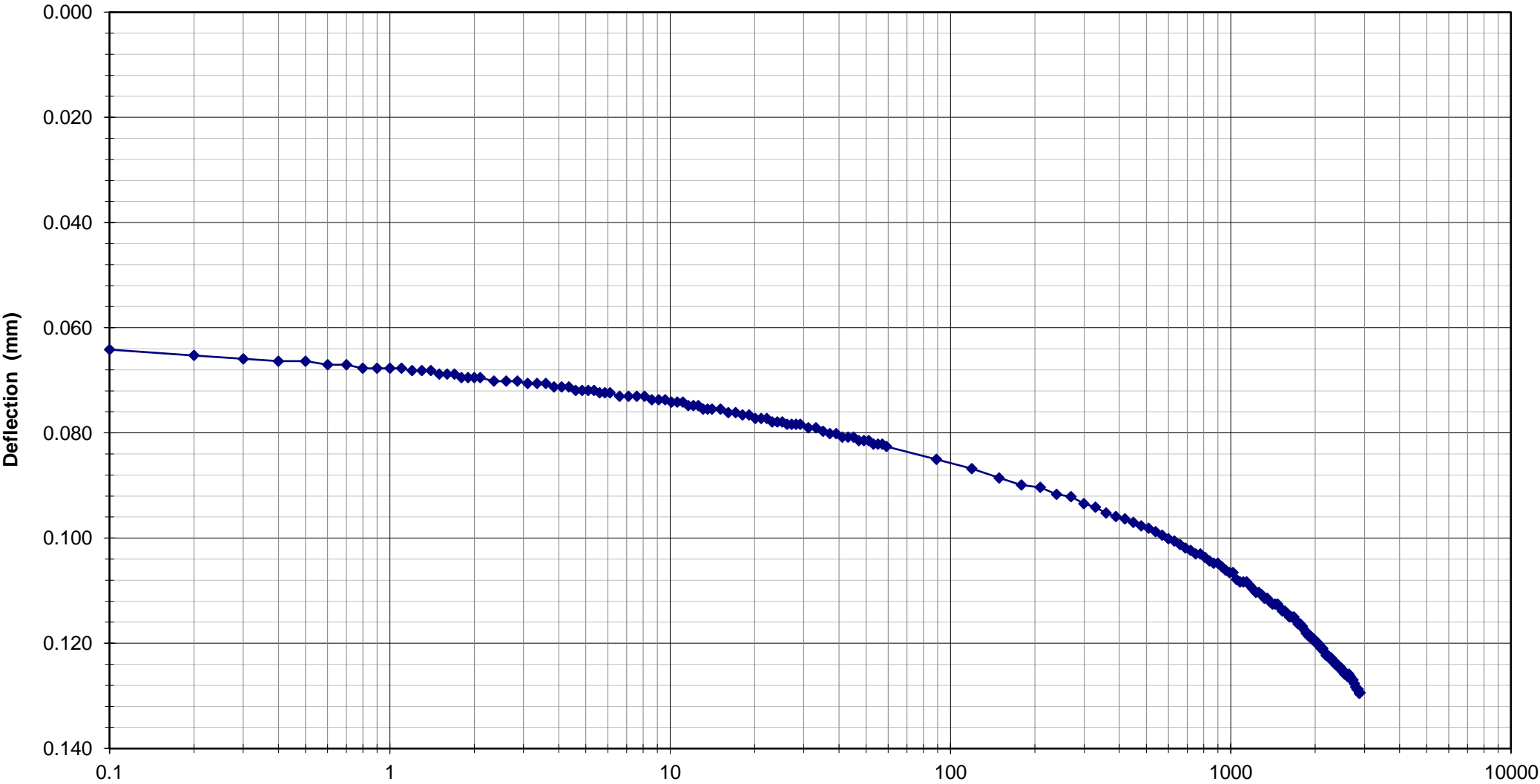


Square Root of Time vs Deflection

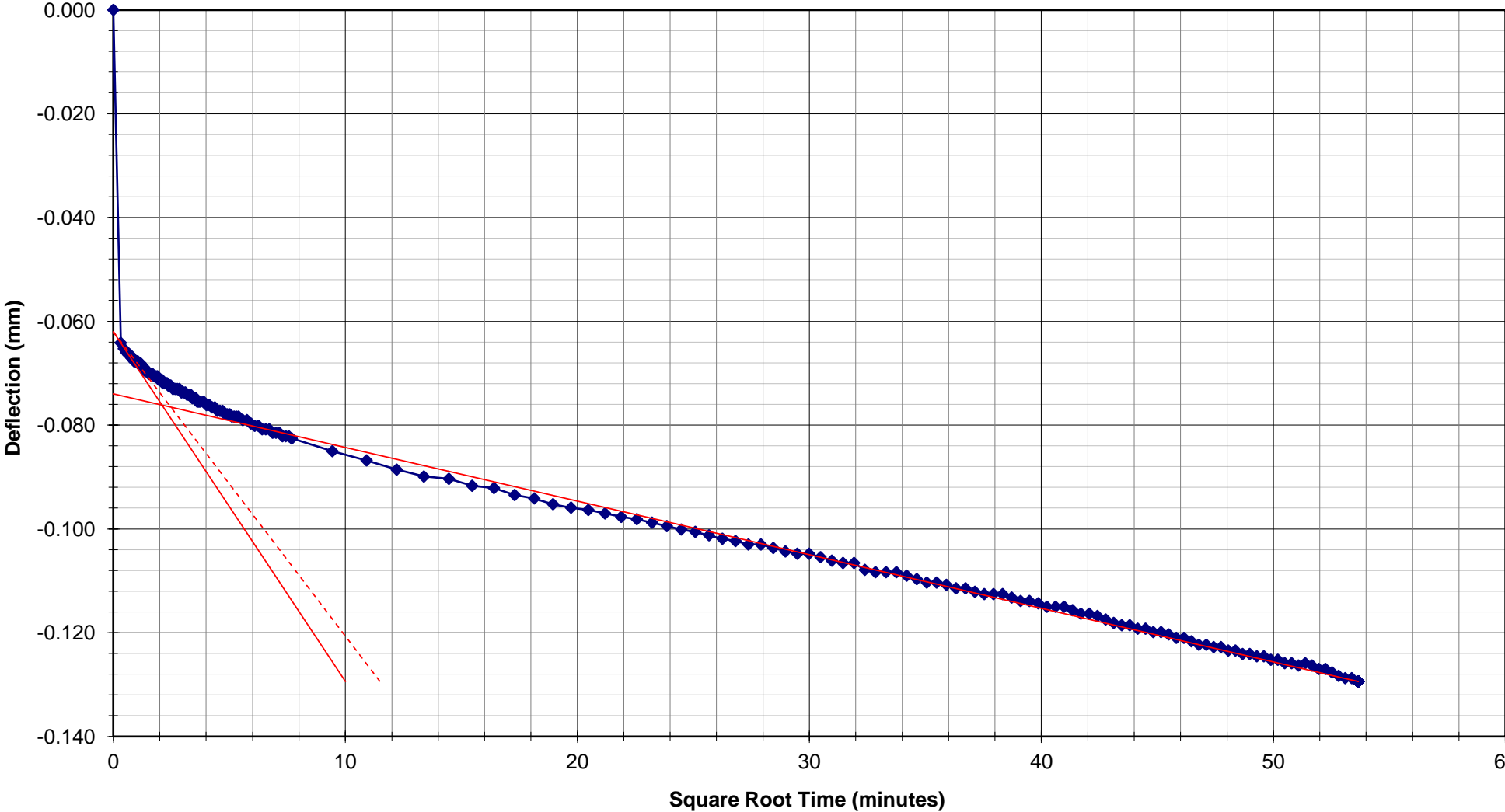


<div>AMEC EARTH & ENVIRONMENTAL</div> <div>Engineering & Environmental Services</div> <div>ONE-DIMENSIONAL CONSOLIDATION TEST</div> <div>(ASTM D2435-90)</div>	Project	Mount Nansen TA5 2013		
	Location			
	Job No.	VM00605E.B001	Sample No.	GS5
	Hole No.	TP-T-13-04	Depth (ft)	3.0-3.1 m
	Technician	CR/SH	Loading Date	
	Loading Stage	254.20 kPa	Start Loading Time	11-Feb-14 15:31

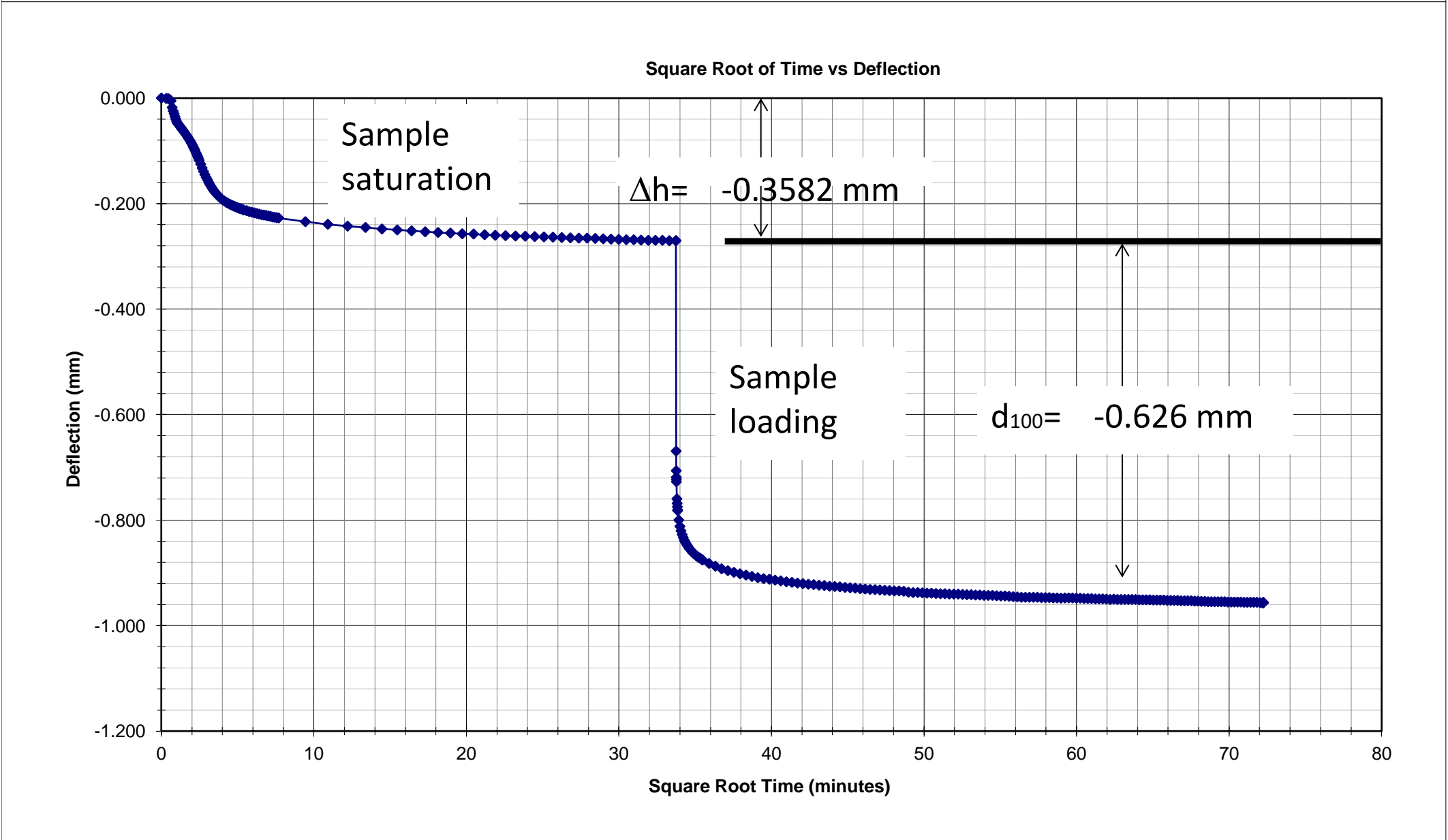
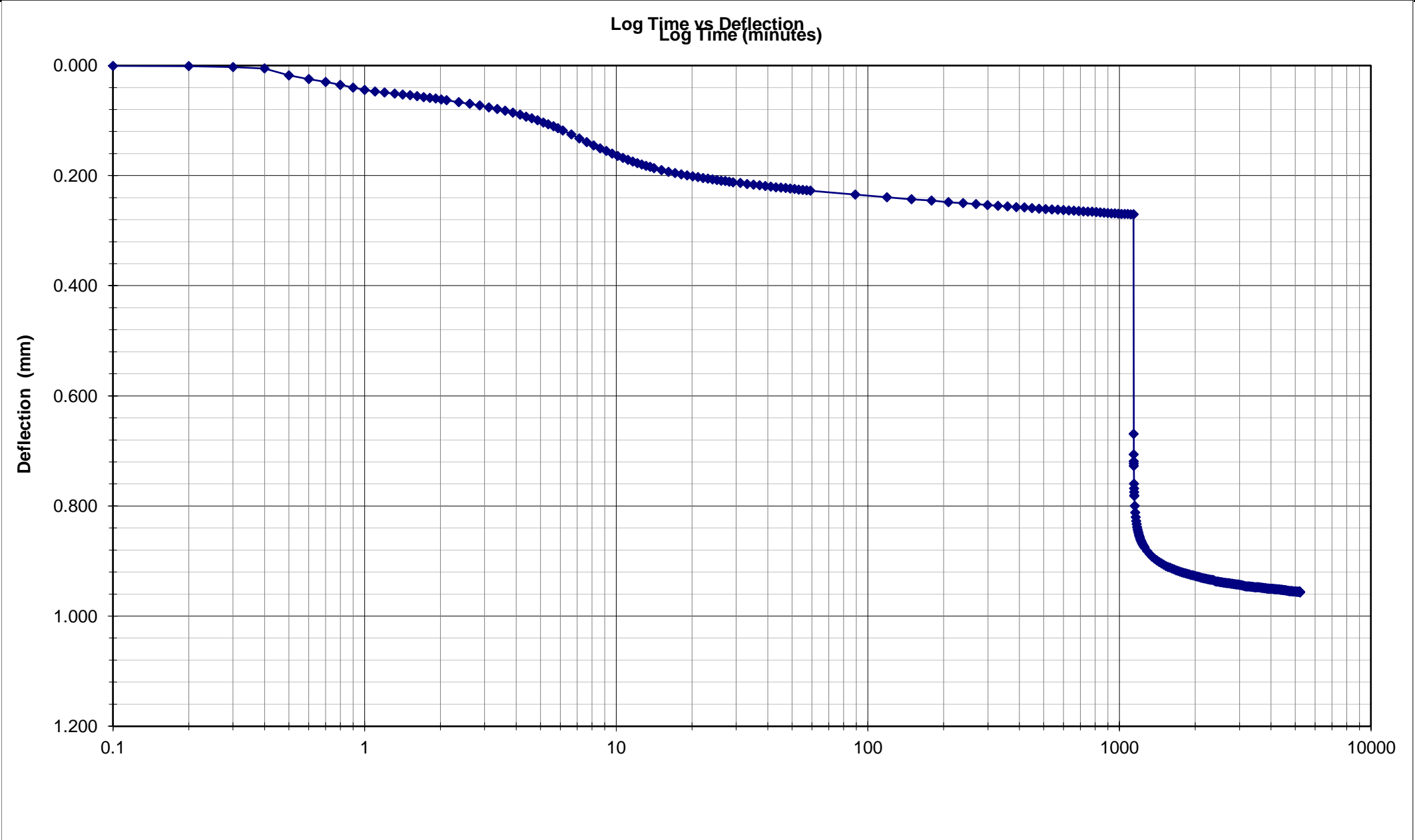
Log Time vs Deflection



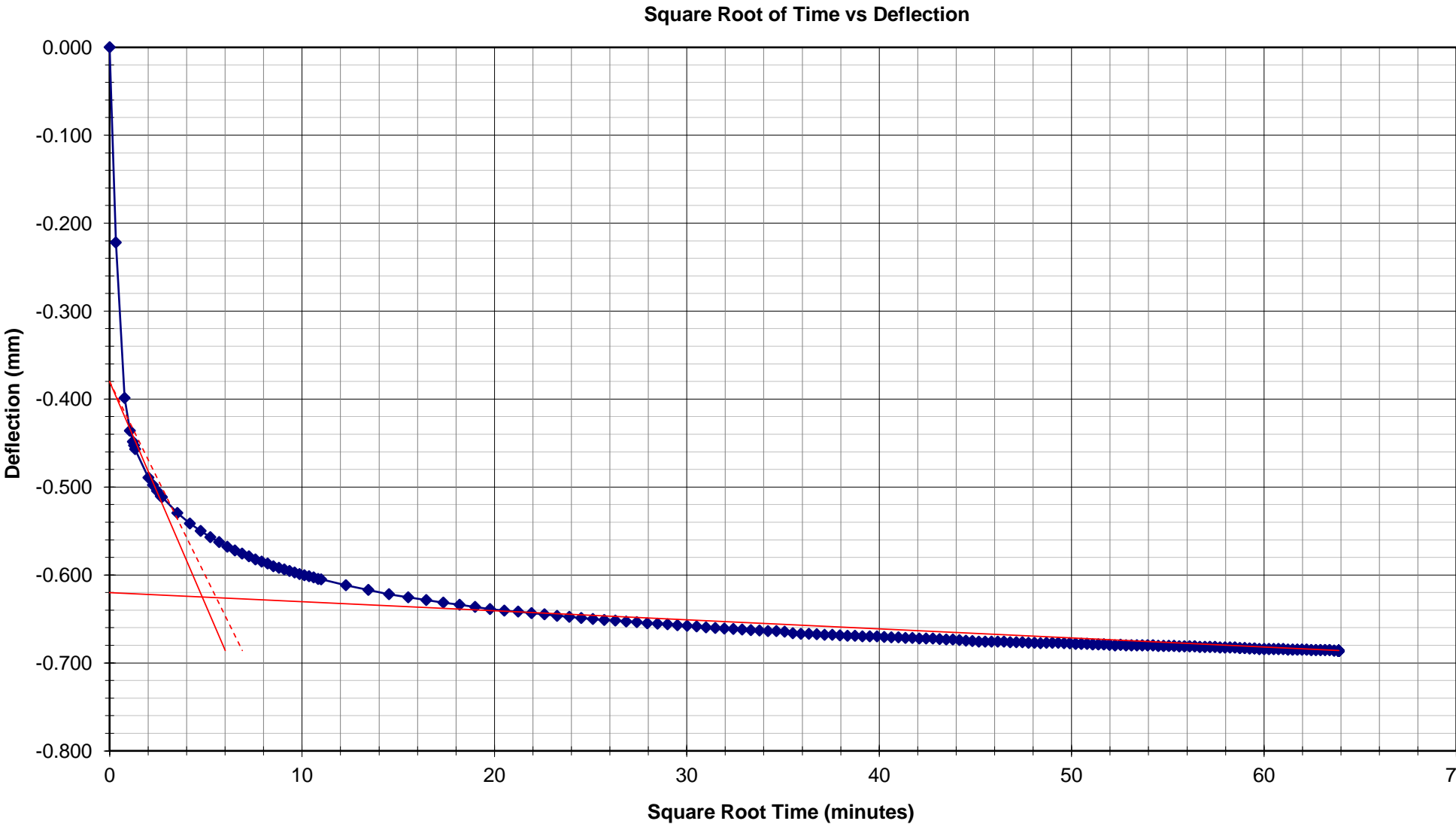
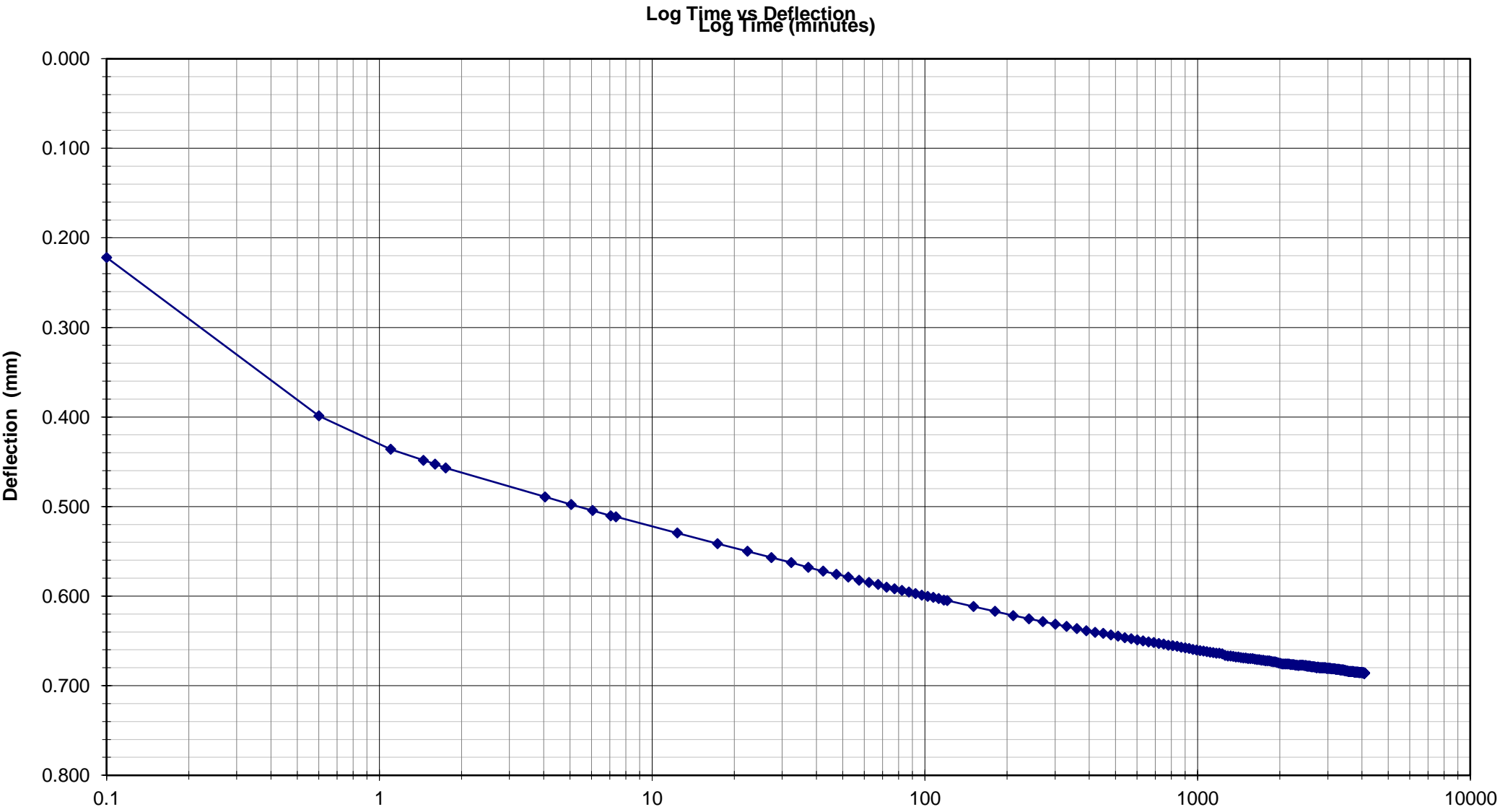
Square Root of Time vs Deflection



<div>AMEC EARTH & ENVIRONMENTAL</div> <div>Engineering & Environmental Services</div> <div>ONE-DIMENSIONAL CONSOLIDATION TEST</div> <div>(ASTM D2435-90)</div>	Project	Mount Nansen TA5 2013		
	Location			
	Job No.	VM00605E.B001	Sample No.	GS5
	Hole No.	TP-T-13-04	Depth (ft)	3.0-3.1 m
	Technician	CR/SH	Loading Date	
	Loading Stage	254.2 kPa saturated + 507.41 kPa	Start Loading Time	13-Feb-14 15:39



<div>AMEC EARTH & ENVIRONMENTAL</div> <div>Engineering & Environmental Services</div> <div>ONE-DIMENSIONAL CONSOLIDATION TEST</div> <div>(ASTM D2435-90)</div>	Project	Mount Nansen TA5 2013		
	Location			
	Job No.	VM00605E.B001	Sample No.	GS5
	Hole No.	TP-T-13-04	Depth (ft)	3.0-3.1 m
	Technician	CR/SH	Loading Date	
	Loading Stage	507.41 kPa	Start Loading Time	14-Feb-14 10:37



<div>AMEC EARTH & ENVIRONMENTAL</div> <div>Engineering & Environmental Services</div> <div>ONE-DIMENSIONAL CONSOLIDATION TEST</div> <div>(ASTM D2435-90)</div>	Project	Mount Nansen TA5 2013		
	Location			
	Job No.	VM00605E.B001	Sample No.	GS5
	Hole No.	TP-T-13-04	Depth (ft)	3.0-3.1 m
	Technician	CR/SH	Loading Date	
	Loading Stage	1000.68 kPa	Start Loading Time	17-Feb-14 7:06

