



TP250 – 0.0mbgl – 3.2mbgl



TP250 – 0.0mbgl – 3.2mbgl



TP250 – 0.0mbgl – 3.2mbgl

	Contract Name: P1, Land North of Horsham, West Sussex			Client: Legal and General (Strategic Land North of Horsham) Ltd			Trial Pit ID: TP251														
	Contract Number: J4175	Date Started: 28/11/2019	Logged By: RAF	Checked By: MJS	Status: FINAL	Sheet 1 of 1															
	Easting: 519113.4	Northing: 134138.3	Ground Level: 67.44mOD	Plant Used: 13T Excavator	Date Printed: 21/02/2020	Scale: 1:30															
Trial Pit Log																					
Weather: Showers		Termination: Refusal at 3.50mbgl			Stability: Good																
Samples & In Situ Testing				Strata Details				Water	Backfill												
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description															
0.10 0.10	D1 ES1	HV 0.50m, 75kPa	67.14	(0.30)		TOPSOIL - Brown silty sandy CLAY, with occasional rootlets.	1														
0.50 0.50	B1 ES2			(0.70)		Firm to stiff light bluish grey and orange slightly sandy slightly gravelly silty CLAY. Gravel is fine to coarse subangular of very weak mudstone. [RESIDUAL WEALD CLAY FORMATION]															
1.00	B2	HV 1.00m, 120kPa	66.44	1.00		Stiff light bluish grey and brownish orange silty CLAY, with frequent thinly laminated extremely weak mudstone (<6mm). [DESTRUCTURED WEALD CLAY FORMATION]	2														
				(0.90)		Brownish orange mottled dark brown and light bluish grey extremely weak to weak MUDSTONE, with occasional thinly laminated silty clay. Recovered as clayey sandy fine to coarse subangular gravel. [DESTRUCTURED WEALD CLAY FORMATION]															
1.90	B3		65.54	1.90		Brownish grey mottled blackish brown, reddish brown and orange extremely weak to medium strong MUDSTONE. Recovered as sandy gravel and cobbles. [DISTINCTLY WEATHERED]	3														
				(0.60)																	
2.50	B4		64.94	2.50			4														
				(1.00)																	
3.50	D2		63.94	3.50		End of Trial Pit at 3.50m															
Dimensions:						General Remarks:															
Final Depth: 3.50m						1. Trial pit machine excavated to 3.5mbgl. 2. Groundwater encountered at 1.0mbgl (slow inflow) 3. Backfilled with arisings on completion.															
Inclination: °																					
						Water Strikes															
						<table><tr><td>Strike (m)</td><td>Casing (m)</td><td>Sealed (m)</td><td>Time (mins)</td><td>Rose to (m)</td><td>Remarks</td></tr><tr><td>1.00</td><td></td><td></td><td>0</td><td></td><td>Slow inflow</td></tr></table>				Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks	1.00			0		Slow inflow
Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks																
1.00			0		Slow inflow																
						HBSI TP Template Issue Number: 1 Issue Date: 09/06/2015															



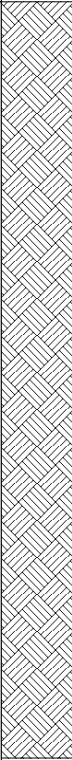
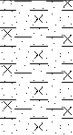
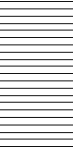
TP251 – 0.0mbgl – 3.5mbgl



TP251 – 0.0mbgl – 3.5mbgl



TP251 – 0.0mbgl – 3.5mbgl

	Contract Name: P1, Land North of Horsham, West Sussex		Client: Legal and General (Strategic Land North of Horsham) Ltd			Trial Pit ID: TP252					
	Contract Number: J4175	Date Started: 29/11/2019	Logged By: RAF	Checked By: MJS	Status: FINAL	Sheet 1 of 1					
Trial Pit Log		Easting: 519108.8	Northing: 134232.9	Ground Level: 71.67mOD	Plant Used: 13T Excavator	Date Printed: 21/02/2020	Scale: 1:30				
Weather: Sunny			Termination: Reached target depth			Stability: Good					
Samples & In Situ Testing				Strata Details			Water	Backfill			
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description					
0.10 0.10	D1 ES1	HV 0.50m, 83kPa	71.32	(0.35)		TOPSOIL - Brown silty sandy CLAY, with occasional rootlets.	1				
0.50 0.50	B1 ES2			0.35		Stiff light bluish grey and brownish orange slightly sandy silty CLAY. [RESIDUAL WEALD CLAY FORMATION]					
1.20	B2	HV 1.00m, 86kPa	70.37	(0.95)		Light brown and light brownish grey extremely weak MUDSTONE, with frequent thinly laminated silty clay (<6mm). Recovered as clayey sandy gravel. [DESTRUCTURED WEALD CLAY FORMATION]	2				
2.20	D2			1.30							
2.50	B3		69.27	2.40		Light brown mottled reddish brown and bluish grey extremely weak to moderately weak MUDSTONE. Recovered as clayey sandy gravel. [DESTRUCTURED WEALD CLAY FORMATION]	3				
				(0.60)							
			68.67	3.00		End of Trial Pit at 3.00m	4				
Dimensions:						General Remarks:					
Final Depth: 3.00m						1. Trial pit machine excavated to 3.0mbgl. 2. No ground water encountered. Backfilled with arisings on completion.					
← Length (m) → 2.60m ↑ Width (m) ↓ 0.70m Orientation: 90°											
Inclination: °						Water Strikes					
						Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
						HBSI TP Template Issue Number: 1 Issue Date: 09/06/2015					



TP252 – 0.0mbgl – 3.0mbgl



TP252 – 0.0mbgl – 3.0mbgl



TP252 – 0.0mbgl – 3.0mbgl

	Contract Name: P1, Land North of Horsham, West Sussex		Client: Legal and General (Strategic Land North of Horsham) Ltd			Trial Pit ID: TP253					
	Contract Number: J4175	Date Started: 26/11/2019	Logged By: RAF	Checked By: MJS	Status: FINAL	Sheet 1 of 1					
Trial Pit Log		Easting: 519126.3	Northing: 133573.9	Ground Level: 52.98mOD	Plant Used: 8T Excavator	Date Printed: 21/02/2020	Scale: 1:30				
Weather: Rain		Termination: Refusal at 3.10mbgl			Stability: Good						
Samples & In Situ Testing				Strata Details			Water	Backfill			
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description					
0.15 0.15	D1 ES1	HV 0.50m, 80kPa	52.68	(0.30)		TOP SOIL - Brown silty sandy clay with occasional rootlets <2mm (living).	1				
0.40 0.50	ES2 B1			0.30		Firm to stiff light grey mottled brownish orange slightly sandy silty CLAY. (RESIDUAL WEALD CLAY FORMATION)					
				(1.00)							
1.30	B2	HV 1.00m, 76kPa	51.68	1.30		Stiff light grey mottled dark brownish orange slightly sandy silty CLAY with frequent thinly laminated (<6mm) mudstone. Recovered as very clayey silty gravel. (RESIDUAL WEALD CLAY FORMATION)	2				
1.60	B3			(0.30)		Light bluish grey mottled dark brownish orange extremely weak to very weak MUDSTONE. Recovered as clayey fine to coarse sub-angular gravel. (DESTRUCTURED WEALD CLAY FORMATION)					
				1.60							
2.60 2.70	D2 B4		50.28	2.70		Bluish grey mottled dark brownish orange very weak to moderately weak MUDSTONE. Recovered as sandy clayey fine to coarse gravel and cobbles. (PARTIALLY WEATHERED WEALD CLAY FORMATION)	3				
			49.88	3.10							
						End of Trial Pit at 3.10m	4				
Dimensions:						General Remarks:					
Final Depth: 3.10m						1. Trial pit machine excavated to 3.10mbgl. 2. Ground water encountered at 0.75mbgl (slow inflow) 3. Backfilled with arisings on completion.					
Inclination: °											
						Water Strikes					
						Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
						0.75			0		Slow inflow
						HBSI TP Template Issue Number: 1 Issue Date: 09/06/2015					



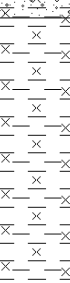
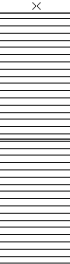
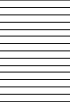
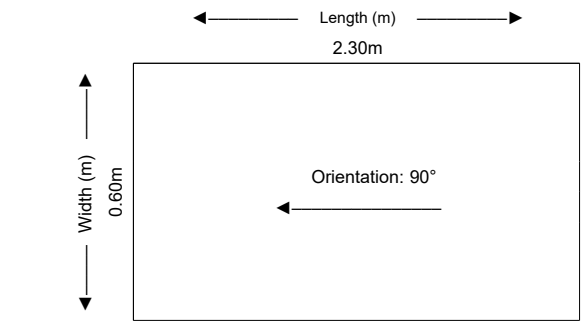
TP253 – 0.0mbgl – 3.1mbgl



TP253 – 0.0mbgl – 3.1mbgl



TP253 – 0.0mbgl – 3.1mbgl

		Contract Name: P1, Land North of Horsham, West Sussex		Client: Legal and General (Strategic Land North of Horsham) Ltd			Trial Pit ID: TP254																			
		Contract Number: J4175	Date Started: 26/11/2019	Logged By: RAF	Checked By: MJS	Status: FINAL	Sheet 1 of 1																			
Trial Pit Log		Easting: 519174.7	Northing: 133637.4	Ground Level: 53.09mOD	Plant Used: 8T Excavator	Date Printed: 21/02/2020	Scale: 1:30																			
Weather: Rain			Termination: Reached target depth.			Stability: Good																				
Samples & In Situ Testing				Strata Details				Water	Backfill																	
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description																				
0.20 0.20	D1 ES1	HV 0.50m, 110kPa	52.69	(0.40)		TOP SOIL - Brown silty sandy CLAY with occasional rootlets <2mm (living).		1																		
0.50 0.50	B1 ES2			(0.40)		Stiff light brownish grey mottled dark orange sandy slightly gravelly silty CLAY. Gravel is fine to coarse sub-angular very weak mudstone. (RESIDUAL WEALD CLAY FORMATION)																				
1.50	B2		51.59	1.50		Stiff light bluish grey mottled orangish brown silty CLAY with frequent thinly (<6mm) to thickly (6-20mm) laminated slightly sandy silt with rare dead roots <4mm (dead). (RESIDUAL WEALT CLAY FORMATION)		2																		
				(1.10)																						
2.50	D2		50.49	2.60		Reddish brown mottled bluish grey and brown extremely weak to weak MUDSTONE with frequent thinly laminated (<6mm) silty clay. Recovered as silty clayey fine to coarse sub-angular gravel. (DISTINCTLY WEATHERED WEALD CLAY FORMATION)		3																		
2.70	B3			(0.50)																						
3.10	B4		49.99	3.10		Bluish grey mottled orangish brown very weak to moderately weak MUDSTONE. Recovered as fine to coarse sub-angular gravel and cobbles. (PARTIALLY WEATHERED WEALD CLAY FORMATION)		4																		
				(0.90)																						
			49.09	4.00		End of Trial Pit at 4.00m																				
Dimensions:					General Remarks:																					
Final Depth: 4.00m					1. Trial pit machine excavated to 4.0mbgl. 2. Ground water encountered at 2.70mbgl (moderate inflow) 3. Backfilled with arisings on completion.																					
																										
Inclination: °																										
					<table><tr><th colspan="5">Water Strikes</th></tr><tr><th>Strike (m)</th><th>Casing (m)</th><th>Sealed (m)</th><th>Time (mins)</th><th>Rose to (m)</th><th>Remarks</th></tr><tr><td>2.70</td><td></td><td></td><td>0</td><td></td><td>Moderate inflow</td></tr></table>					Water Strikes					Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks	2.70			0		Moderate inflow
Water Strikes																										
Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks																					
2.70			0		Moderate inflow																					
					HBSI TP Template Issue Number: 1 Issue Date: 09/06/2015																					



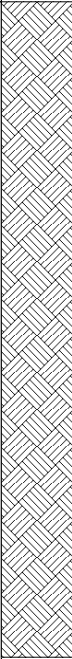
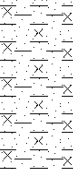
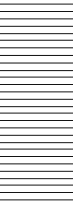
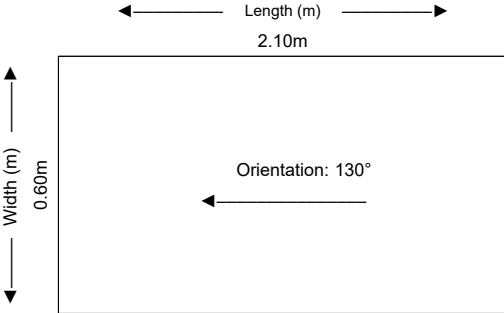
TP254 – 0.0mbgl – 4.0mbgl

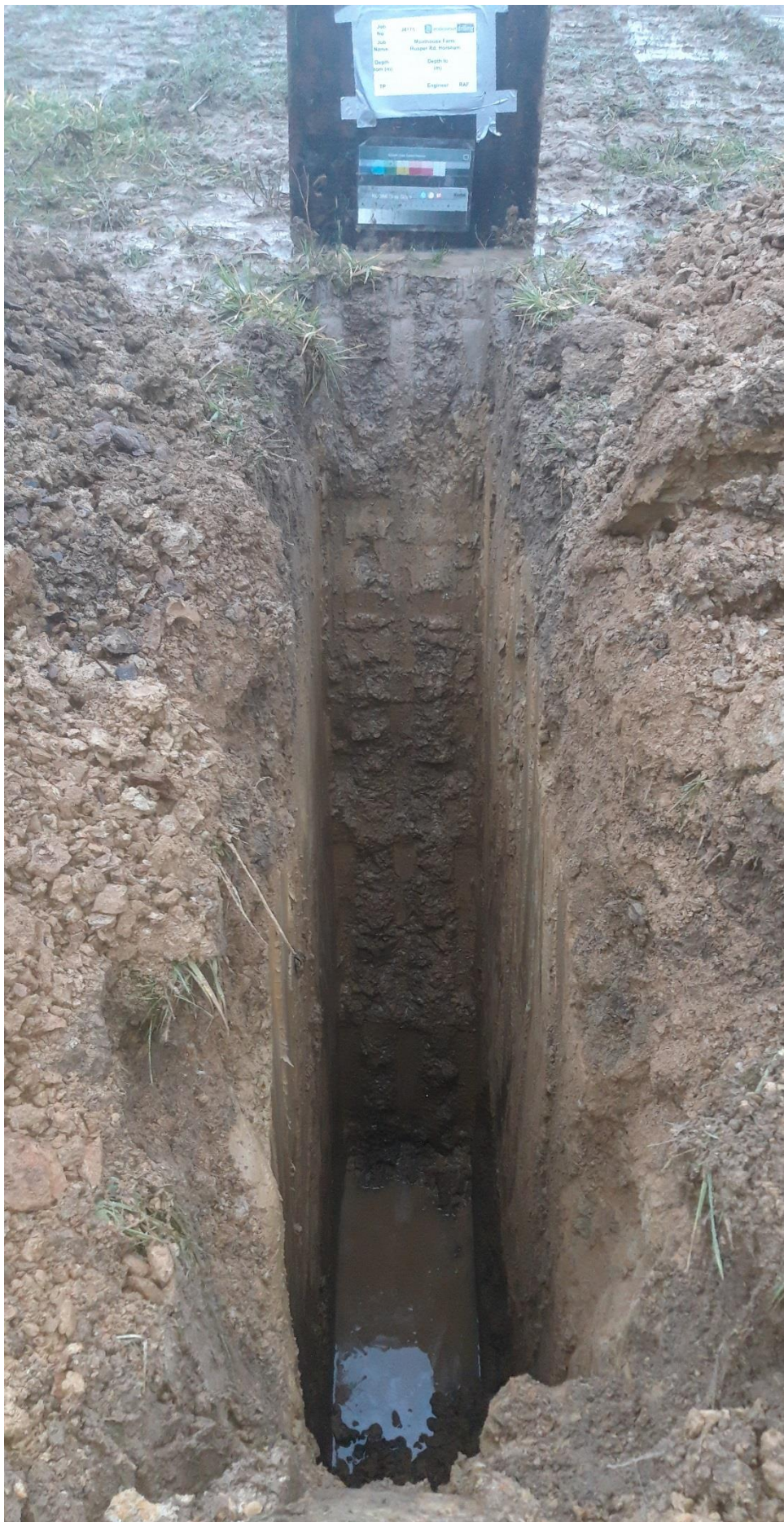


TP254 – 0.0mbgl – 4.0mbgl



TP254 – 0.0mbgl – 4.0mbgl

	Contract Name: P1, Land North of Horsham, West Sussex			Client: Legal and General (Strategic Land North of Horsham) Ltd			Trial Pit ID: TP255														
	Contract Number: J4175	Date Started: 25/11/2019	Logged By: RAF	Checked By: MJS	Status: FINAL	Sheet 1 of 1															
Trial Pit Log		Easting: 519224.1	Northing: 133701.5	Ground Level: 55.90mOD	Plant Used: 8T Excavator	Date Printed: 21/02/2020	Scale: 1:30														
Weather: Rain			Termination: Refusal at 2.60mbgl			Stability: Good															
Samples & In Situ Testing				Strata Details				Water	Backfill												
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description															
0.20	ES1	HV 0.50m, 71kPa	55.60	(0.30)		TOP SOIL - Brown silty sandy CLAY with occasional rootlets <2mm (living).		1													
0.40	B1			0.30		Firm light orangish brown mottled light grey slightly sandy silty CLAY. (RESIDUAL WEALD CLAY FORMATION)															
0.40	ES2			(1.00)																	
1.30	B2		54.60	1.30		Light bluish grey mottled brownish orange very weak to moderately weak MUDSTONE with frequent thinly laminated (<6mm) sandy clay. Recovered as clayey fine to coarse sub-angular gravel. (DESTRUCTURED WEALD CLAY FORMATION)		2													
				(1.10)																	
2.30	D1			2.40		Dark brownish black mottled dark orangish brown weak to moderately weak MUDSTONE. Recovered as clayey sandy fine to coarse sub-angular gravel. (DISTINCTLY WEATHERED WEALD CLAY FORMATION)															
2.50	B3		53.30	2.60	End of Trial Pit at 2.60m		3														
									4												
Dimensions:					General Remarks:																
Final Depth: 2.60m					1. Trial pit machine excavated to 2.60mbgl. 2. Ground water encountered at 1.30mbgl (moderate inflow) 3. Backfilled with arisings on completion.																
																					
Inclination: 90°																					
					Water Strikes																
					<table><tr><td>Strike (m)</td><td>Casing (m)</td><td>Sealed (m)</td><td>Time (mins)</td><td>Rose to (m)</td><td>Remarks</td></tr><tr><td>1.30</td><td></td><td></td><td>0</td><td></td><td>Moderate inflow</td></tr></table>					Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks	1.30			0		Moderate inflow
Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks																
1.30			0		Moderate inflow																
					HBSI TP Template Issue Number: 1 Issue Date: 09/06/2015																



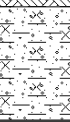
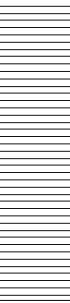
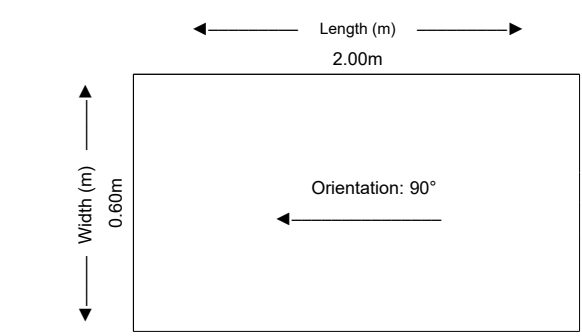
TP255 – 0.0mbgl – 2.60mbgl



TP255 – 0.0mbgl – 2.60mbgl



TP255 – 0.0mbgl – 2.60mbgl

		Contract Name: P1, Land North of Horsham, West Sussex		Client: Legal and General (Strategic Land North of Horsham) Ltd		Trial Pit ID: TP256					
		Contract Number: J4175	Date Started: 25/11/2019	Logged By: RAF	Checked By: MJS	Status: FINAL	Sheet 1 of 1				
Trial Pit Log		Easting: 519327.1	Northing: 133713.4	Ground Level: 54.12mOD	Plant Used: 8T Excavator	Date Printed: 21/02/2020	Scale: 1:30				
Weather: Rain			Termination: Refusal at 2.70mbgl			Stability:					
Samples & In Situ Testing		Strata Details					Water	Backfill			
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description					
0.10	ES1	HV 0.50m, 52kPa	53.87	0.25		TOP SOIL - Brown silty sandy clay with occasional rootlets <2mm (living).	1				
0.30 0.30	B1 ES2			(0.45)		Firm light orangish brown and light grey slightly gravelly silty sandy CLAY. Gravel is fine to coarse sub-angular very weak mudstone. (RESIDUAL WEALD CLAY FORMATION)					
0.80	B2			0.70 (0.80)		Dark brownish black and dark orange very weak MUDSTONE with thinly laminated (<6mm) silty clay. Recovered as slightly sandy slightly clayey fine to coarse sub-angular gravel. (DESTRUCTURED WEALD CLAY FORMATION)					
1.60	B3	HV 0.50m, 52kPa	52.62	1.50 (1.20)		Dark reddish brown mottled brown weak to moderately weak MUDSTONE with frequent thinly to thickly (<20mm) laminated sandy clay. Recovered as slightly sandy slightly clayey fine to coarse sub-angular gravel and occasional cobbles. (DISTINCTLY WEATHERED WEALD CLAY FORMATION)	2				
2.60	D1			2.70		End of Trial Pit at 2.70m	3				
							4				
Dimensions:						General Remarks:					
Final Depth: 2.70m						1. Trial pit machine excavated to 2.70mbgl. 2. No groundwater encountered. 3. Backfilled with arisings on completion.					
											
Inclination: °						Water Strikes					
						Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
						HBSI TP Template Issue Number: 1 Issue Date: 09/06/2015					



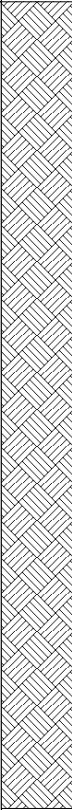
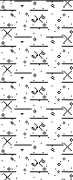
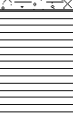
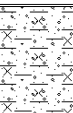
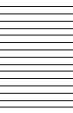
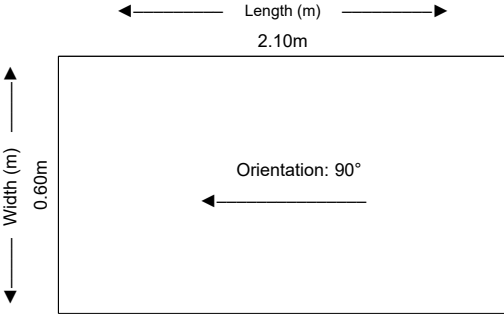
TP256 – 0.0mbgl – 2.70mbgl



P256 – 0.0mbgl – 2.70mbgl



TP256 – 0.0mbgl – 2.70mbgl

	Contract Name: P1, Land North of Horsham, West Sussex		Client: Legal and General (Strategic Land North of Horsham) Ltd			Trial Pit ID: TP257																			
	Contract Number: J4175	Date Started: 25/11/2019	Logged By: RAF	Checked By: MJS	Status: FINAL	Sheet 1 of 1																			
Trial Pit Log		Easting: 519388.1	Northing: 133732.2	Ground Level: 54.37mOD	Plant Used: 8T Excavator	Date Printed: 21/02/2020	Scale: 1:30																		
Weather: Rain		Termination: Refusal at 3.20mbgl			Stability: Good																				
Samples & In Situ Testing				Strata Details			Water	Backfill																	
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description																			
0.20	ES1	HV 0.50m, 110kPa	54.02	(0.35)		TOP SOIL - Brown slightly gravelly silty sandy CLAY. Gravel is fine to coarse sub-angular to sub-rounded of brick.	1																		
0.40	ES2			0.35		Stiff orangish brown mottled light grey slightly gravelly silty sandy CLAY. Gravel is fine to coarse sub-angular very weak mudstone. (RESIDUAL WEALD CLAY FORMATION)																			
				(0.75)																					
1.20	B2		53.27	1.10		Dark brownish black and dark orange very weak MUDSTONE frequently thinly to thickly (<20mm) laminated sandy clay. Recovered as slightly clayey sandy fine to coarse sub-angular gravel. (DESTRUCTURED WEALD CLAY FORMATION)																			
1.40	B1			(0.70)																					
1.80	B3		52.57	1.80		Stiff light bluish grey mottled orangish brown silty CLAY with occasional roots <5mm (dead) and with occasional thinly laminated (<6mm) extremely weak mudstone. Recovered as slightly sandy slightly gravelly clay. (DESTRUCTURED WEALD CLAY FORMATION)	2																		
				(0.50)																					
2.30	B4		52.07	2.30		Light bluish grey and dark brownish orange weak MUDSTONE frequently thinly to thickly (<20mm) laminated silty clay. Recovered as clayey sandy fine to coarse sub-angular gravel. (DESTRUCTURED WEALD CLAY FORMATION)	3																		
				(0.90)																					
			51.17	3.20		End of Trial Pit at 3.20m	4																		
Dimensions:		General Remarks:																							
Final Depth: 3.20m		1. Trial pit machine excavated to 3.20mbgl. 2. Ground water encountered at 0.40mbgl (slow inflow) 3. Backfilled with arisings on completion.																							
																									
Inclination: °		<table><tr><th colspan="6">Water Strikes</th></tr><tr><th>Strike (m)</th><th>Casing (m)</th><th>Sealed (m)</th><th>Time (mins)</th><th>Rose to (m)</th><th>Remarks</th></tr><tr><td>0.40</td><td></td><td></td><td>0</td><td></td><td>Slow inflow</td></tr></table>						Water Strikes						Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks	0.40			0		Slow inflow
Water Strikes																									
Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks																				
0.40			0		Slow inflow																				
		HBSI TP Template Issue Number: 1 Issue Date: 09/06/2015																							



TP257 – 0.0mbgl – 3.20mbgl



TP257 – 0.0mbgl – 3.20mbgl



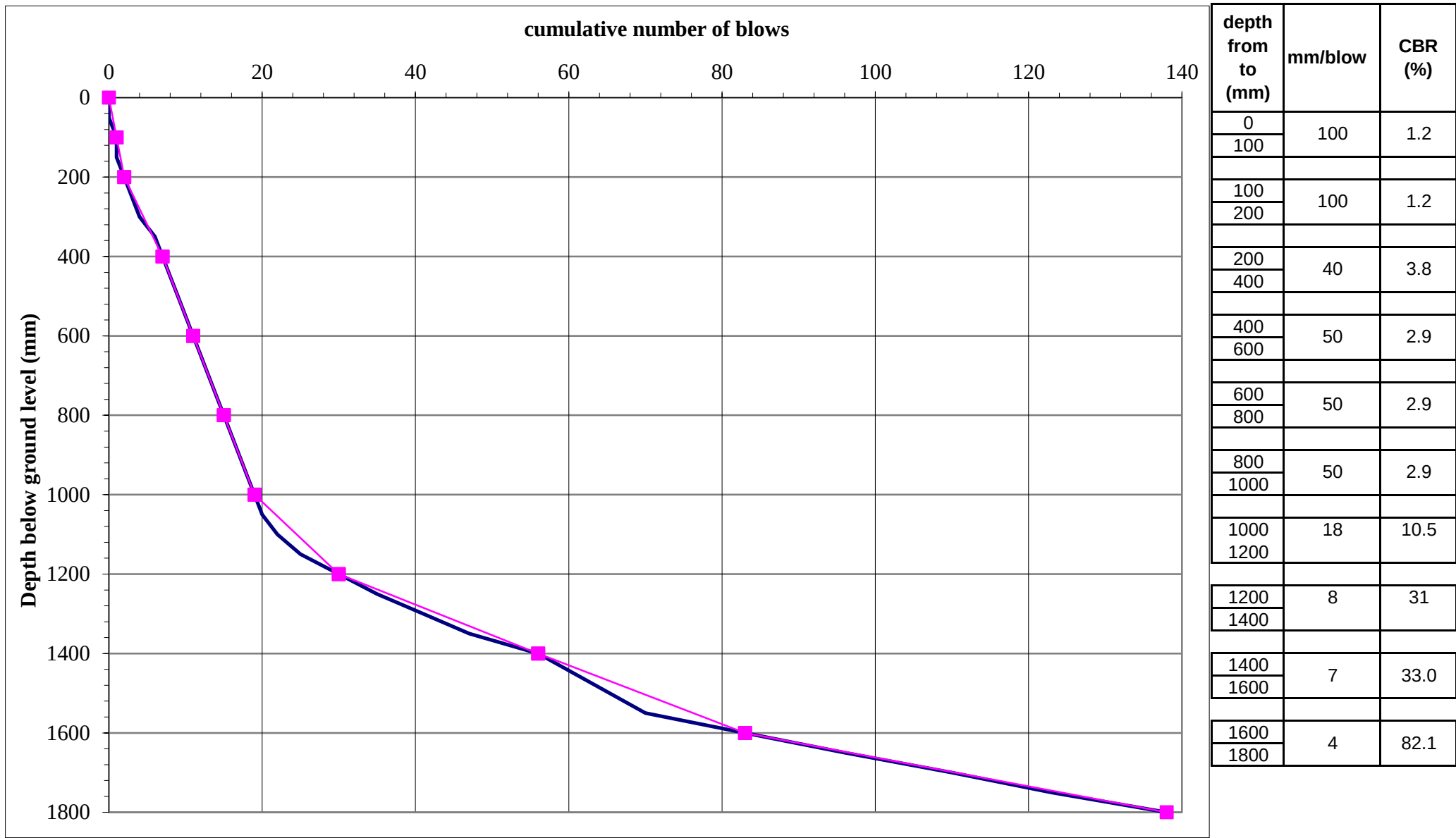
TP257 – 0.0mbgl – 3.20mbgl

APPENDIX F

TRL-DCP Insitu Test Results

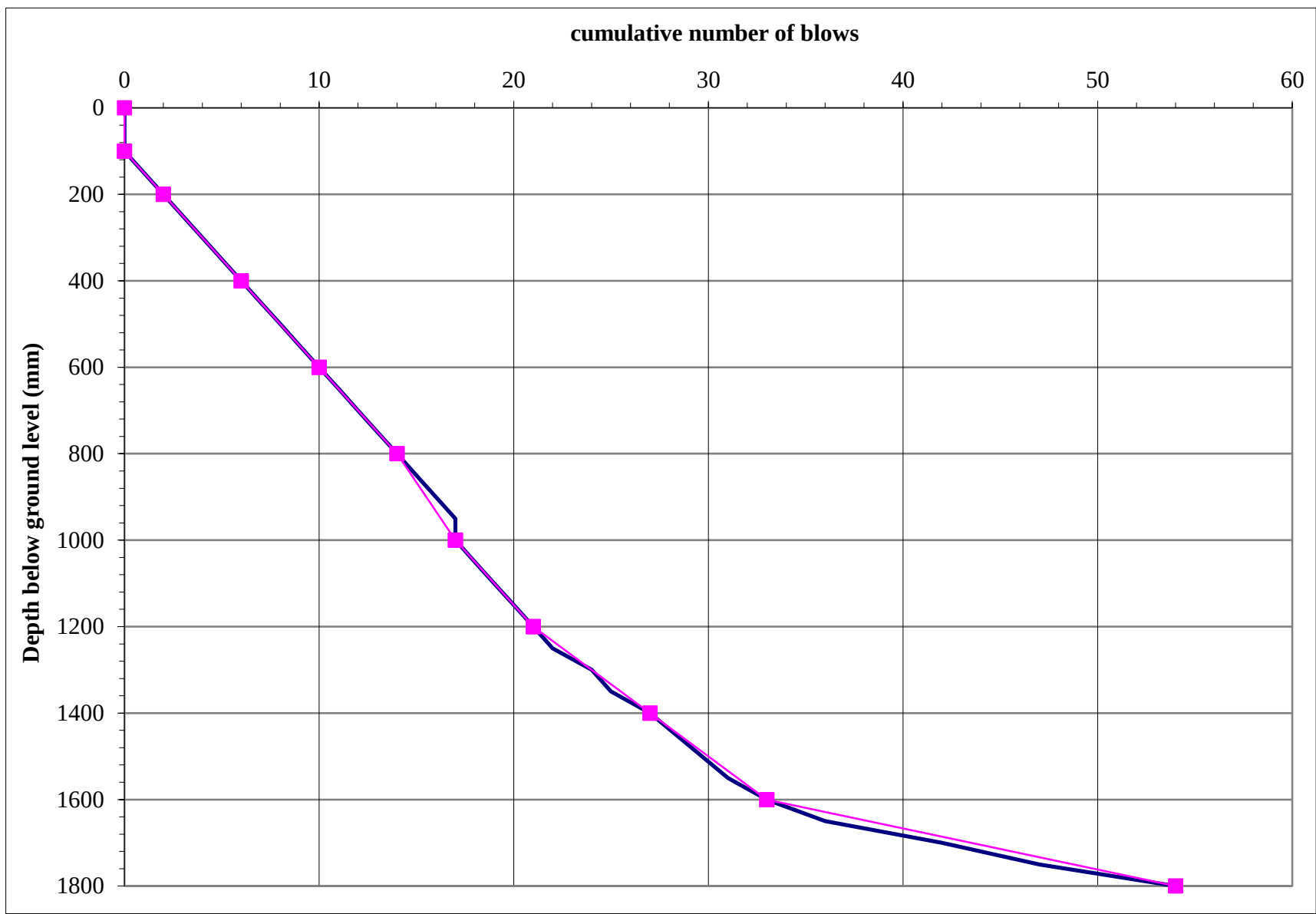
Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP201

CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP202

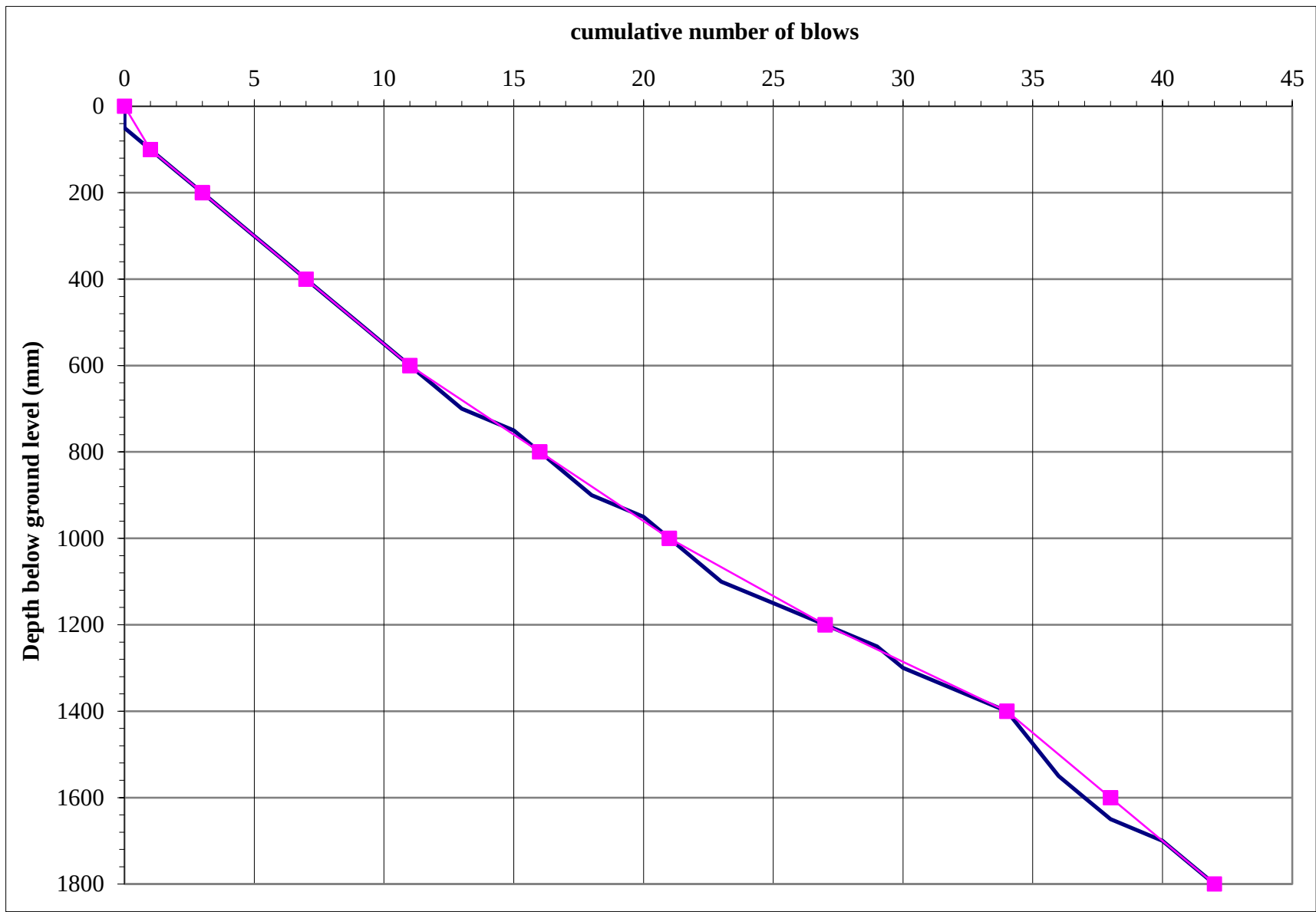
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	#DIV/0!	#DIV/0!
100 200	50	2.9
200 400	50	2.9
400 600	50	2.9
600 800	50	2.9
800 1000	67	2.0
1000 1200	50	2.9
1200 1400	33	5
1400 1600	33	4.8
1600 1800	10	23.9

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP203

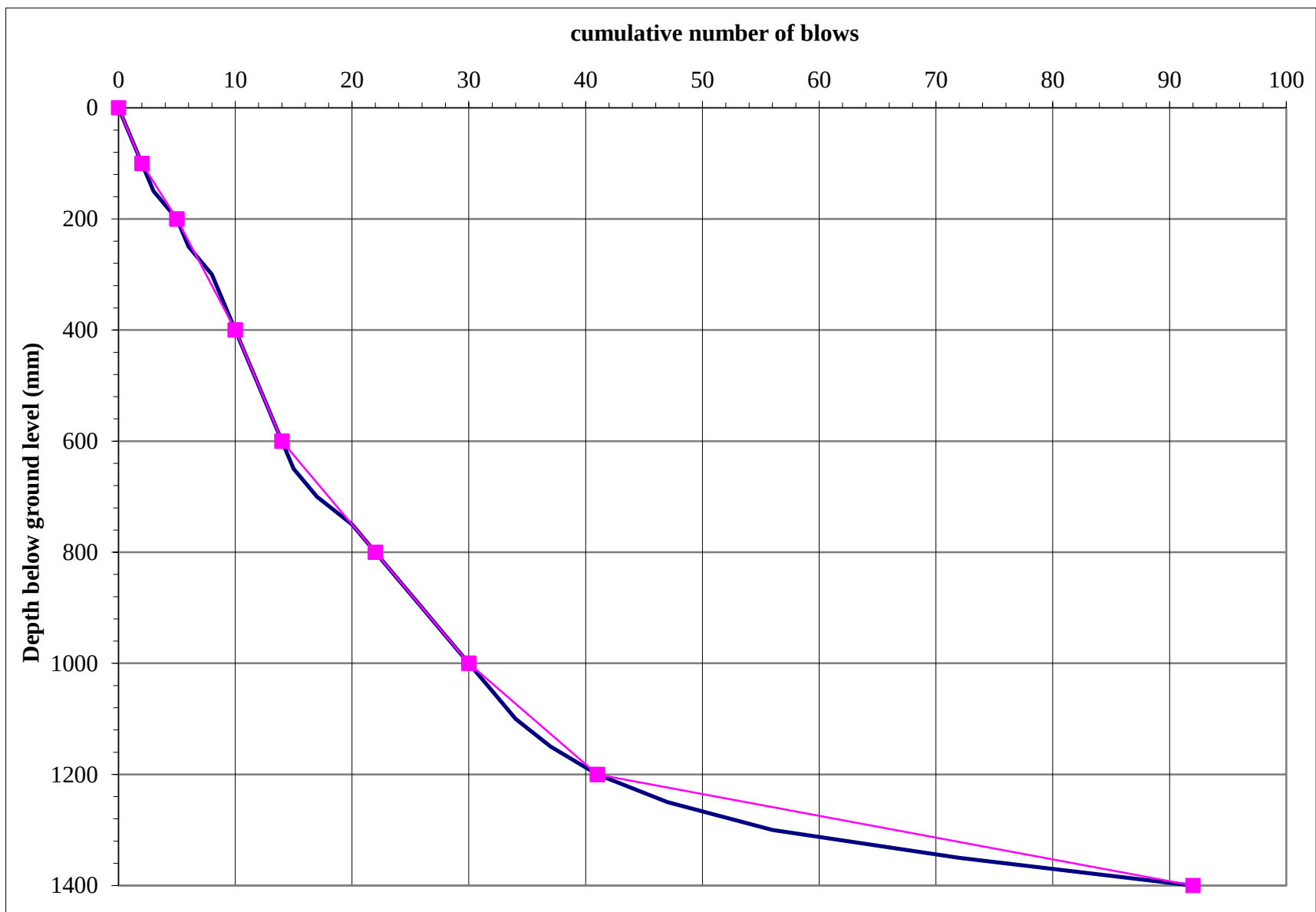
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	100	1.2
100 200	50	2.9
200 400	50	2.9
400 600	50	2.9
600 800	40	3.8
800 1000	40	3.8
1000 1200	33	4.8
1200 1400	29	6
1400 1600	50	2.9
1600 1800	50	2.9

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP204

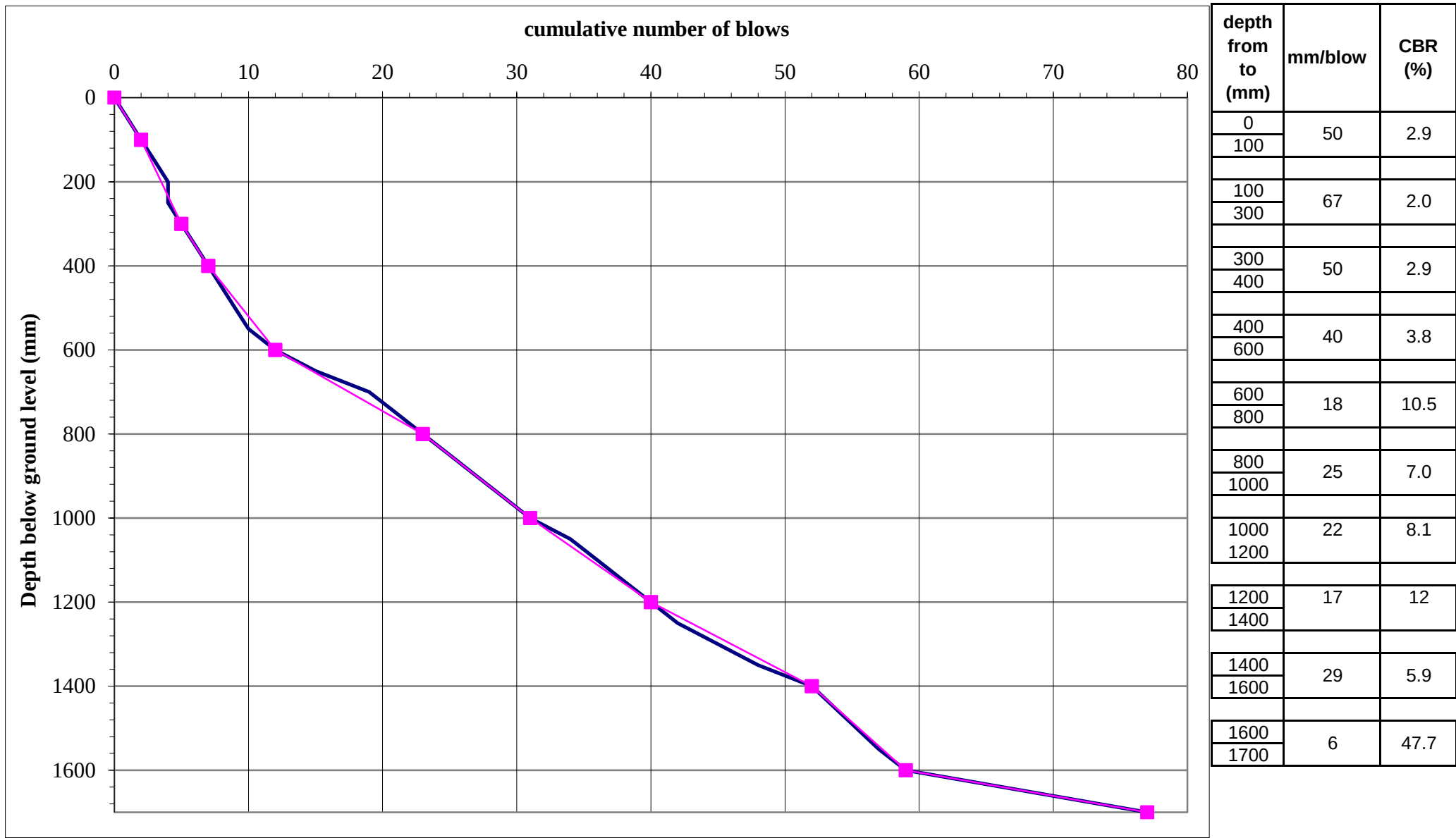
CBR estimated using Kleyn & Van Heerden (1983):
 Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	50	2.9
100		
100	33	4.8
200		
200	40	3.8
400		
400	50	2.9
600		
600	25	7.0
800		
800	25	7.0
1000		
1000	18	10.5
1200		
1200	4	75
1400		

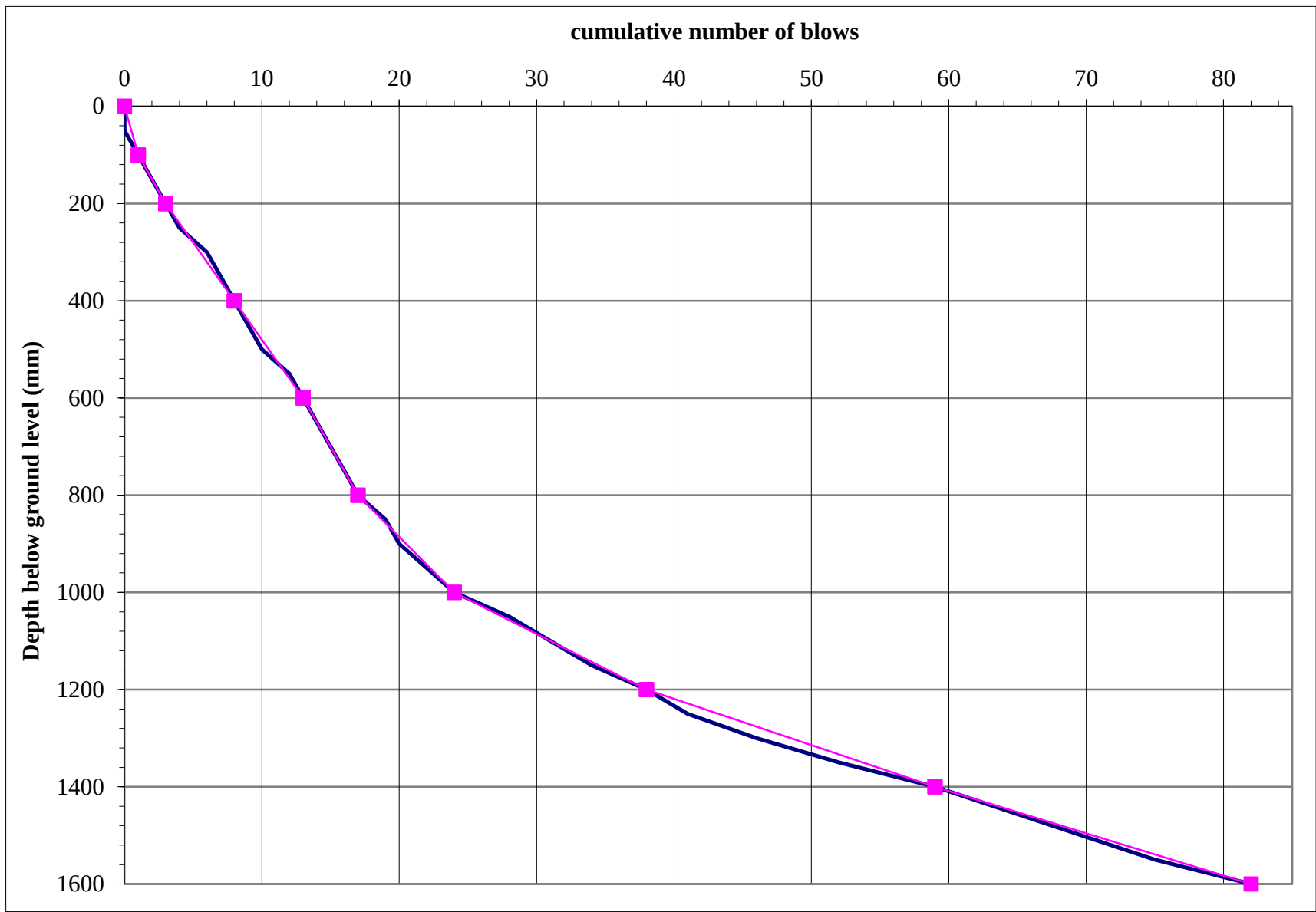
Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP205

CBR estimated using Kleyn & Van Heerden (1983):
 Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP206

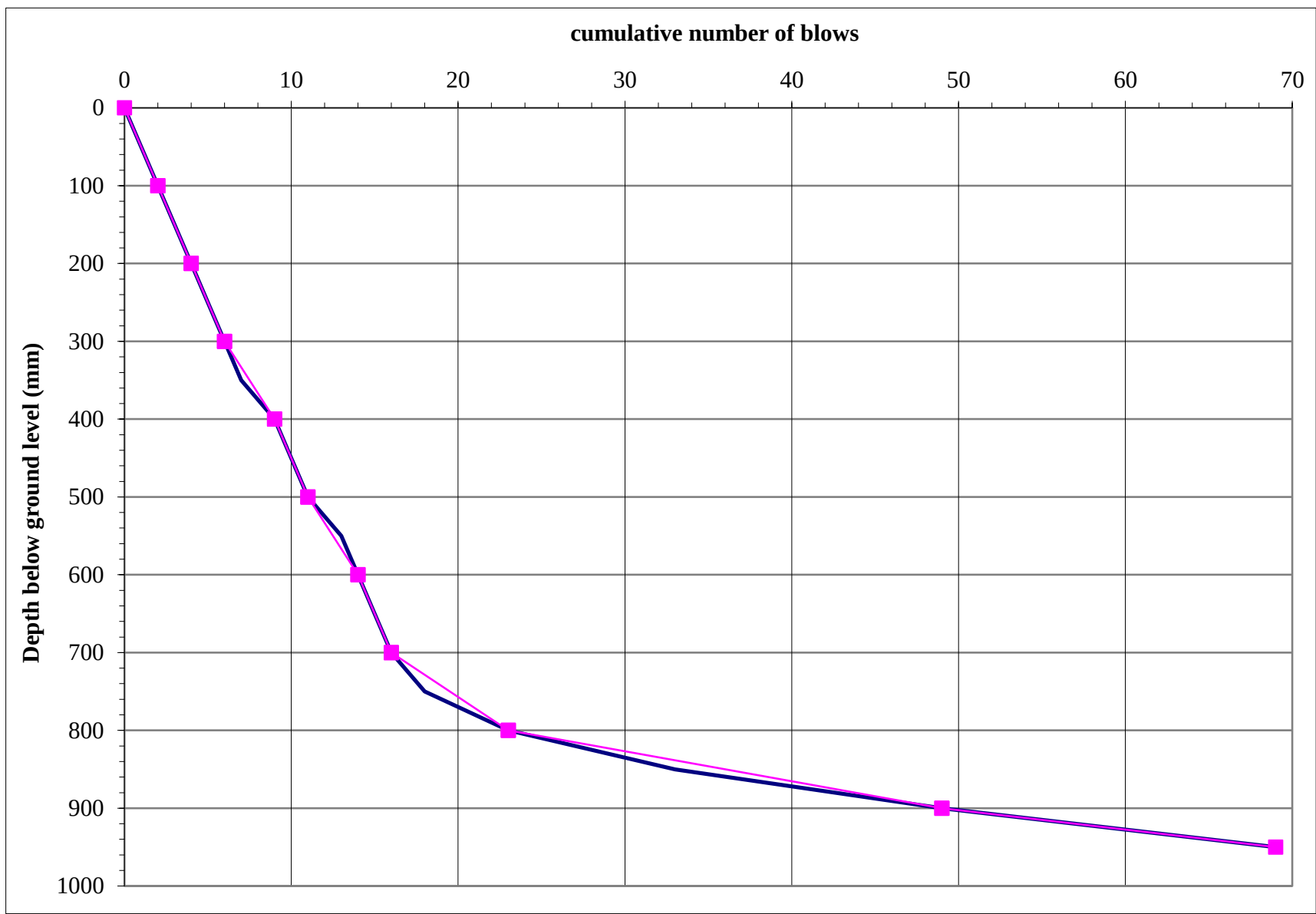
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	100	1.2
100 200	50	2.9
200 400	40	3.8
400 600	40	3.8
600 800	50	2.9
800 1000	29	5.9
1000 1200	14	14.2
1200 1400	10	24
1400 1600	9	26.9

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP207

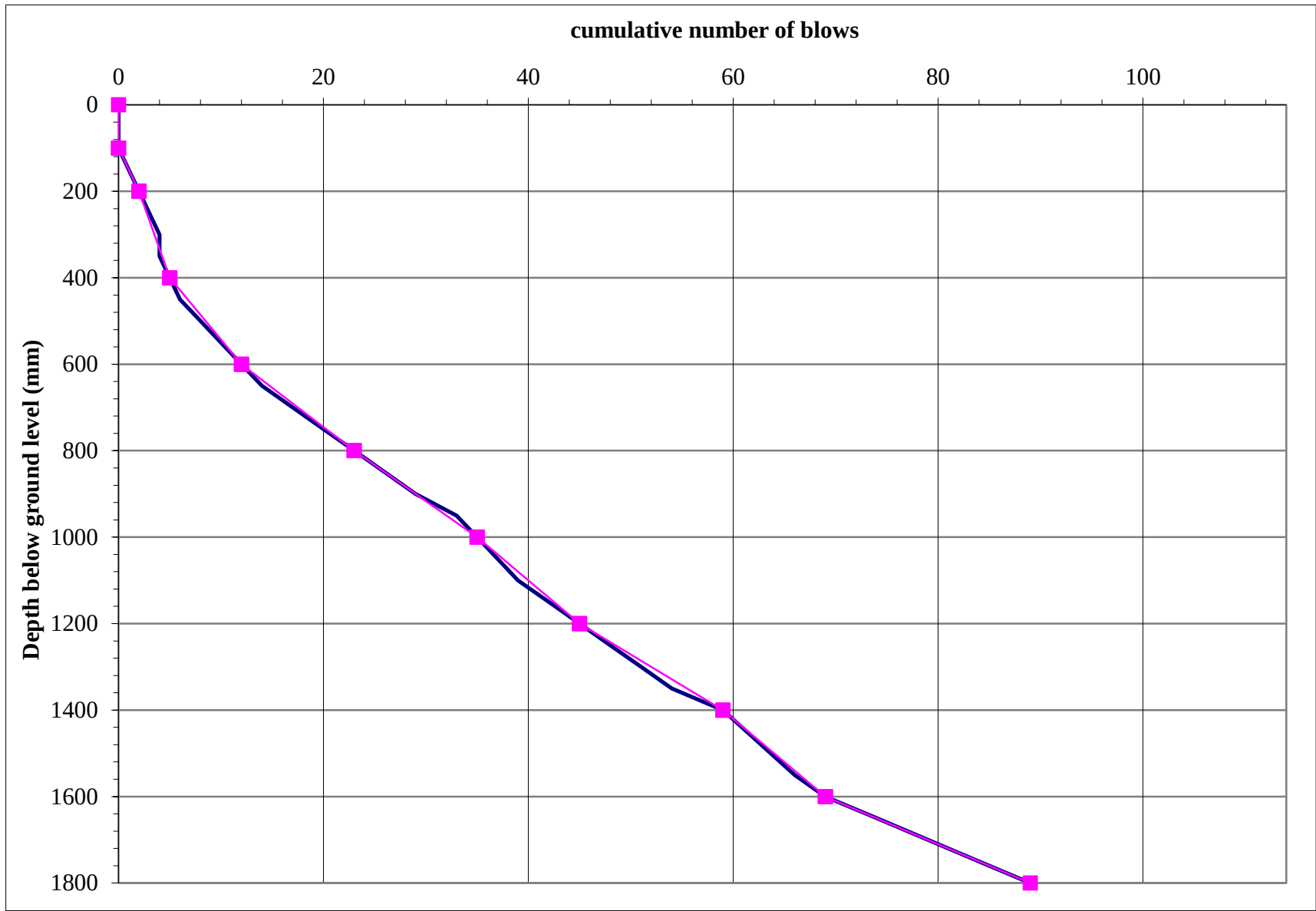
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	50	2.9
100 200	50	2.9
200 300	50	2.9
300 400	33	4.8
400 500	50	2.9
500 600	33	4.8
600 700	50	2.9
700 800	14	14
800 900	4	76.4
900 950	3	132.6

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP208

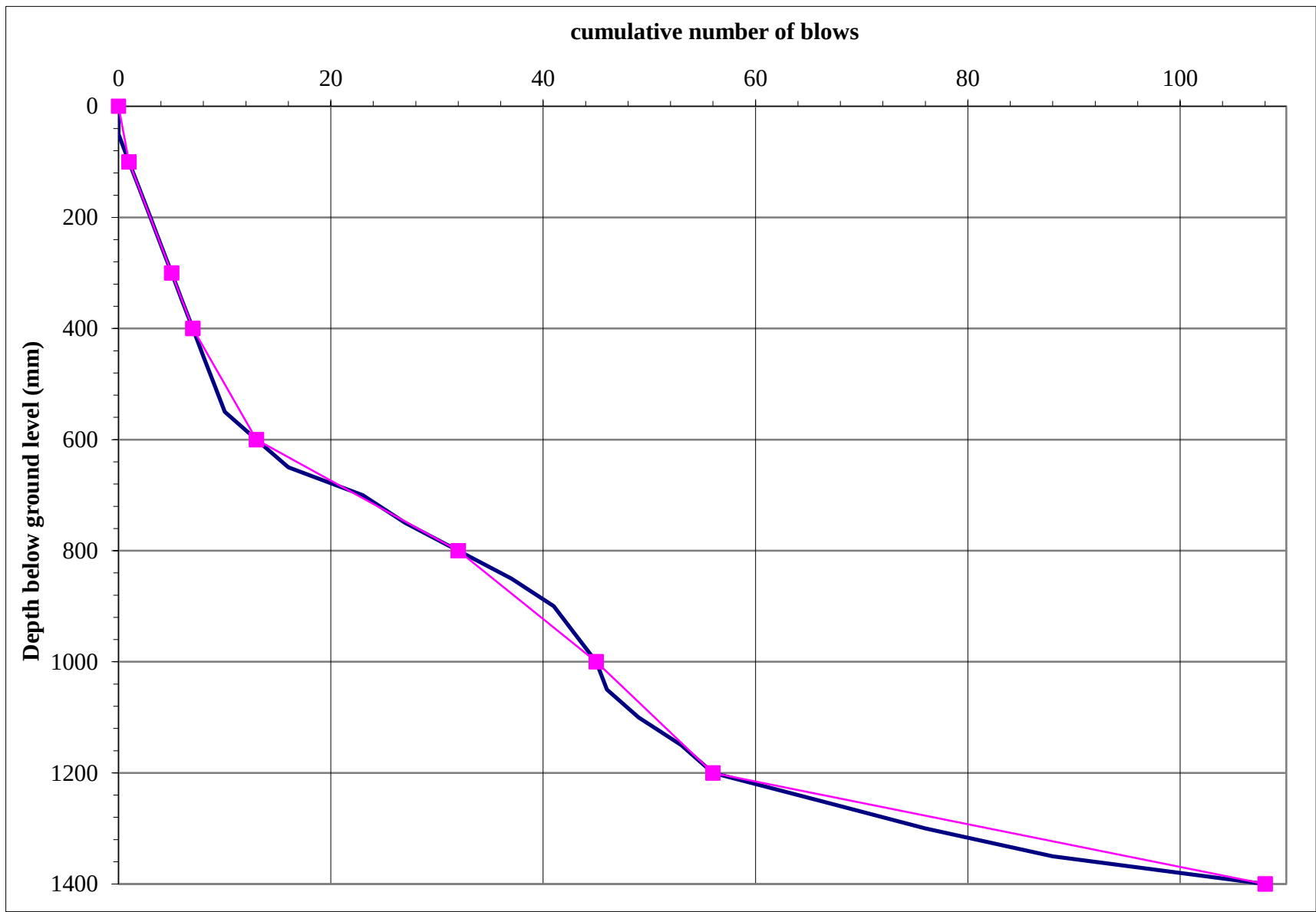
CBR estimated using Kleyn & Van Heerden (1983):
 Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	#DIV/0!	#DIV/0!
100 200	50	2.9
200 400	67	2.0
400 600	29	5.9
600 800	18	10.5
800 1000	17	11.7
1000 1200	20	9.3
1200 1400	14	14
1400 1600	20	9.3
1600 1800	10	22.5

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP210

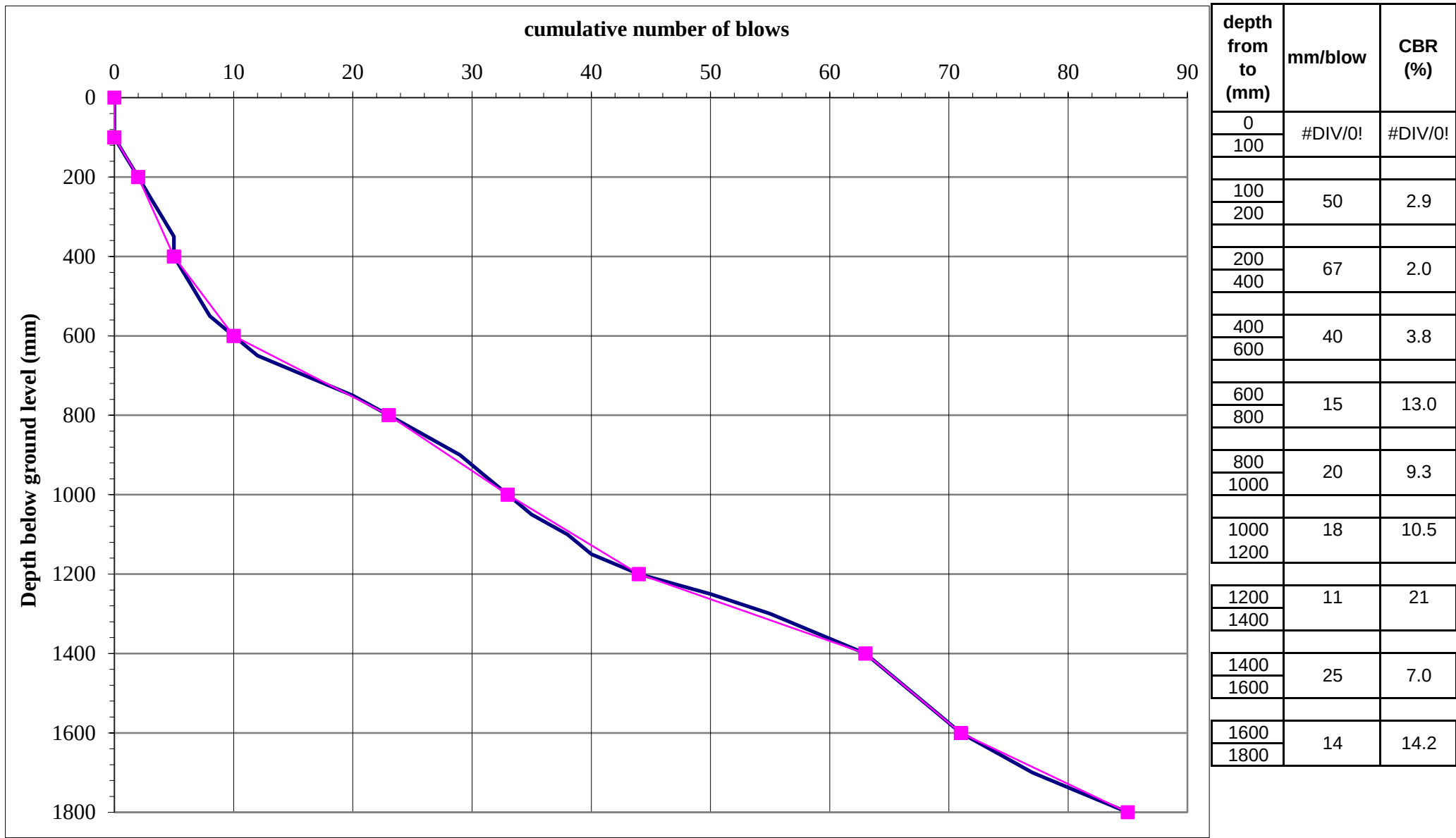
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	100	1.2
100		
100	50	2.9
300		
300	50	2.9
400		
400	33	4.8
600		
600	11	21.1
800		
800	15	13.0
1000		
1000	18	10.5
1200		
1200	4	76
1400		
1400	13	16.1
0		

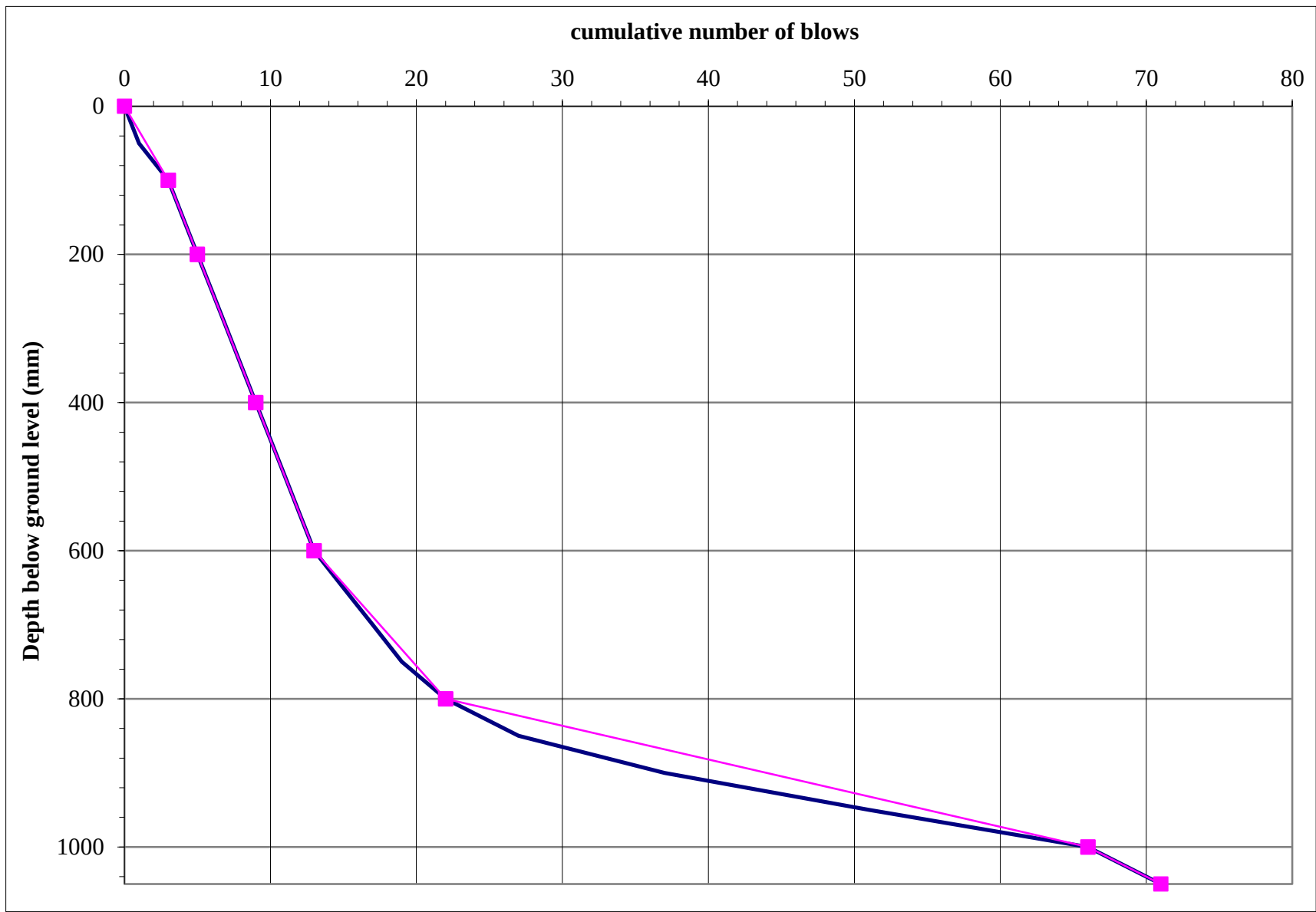
Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP211

CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP212

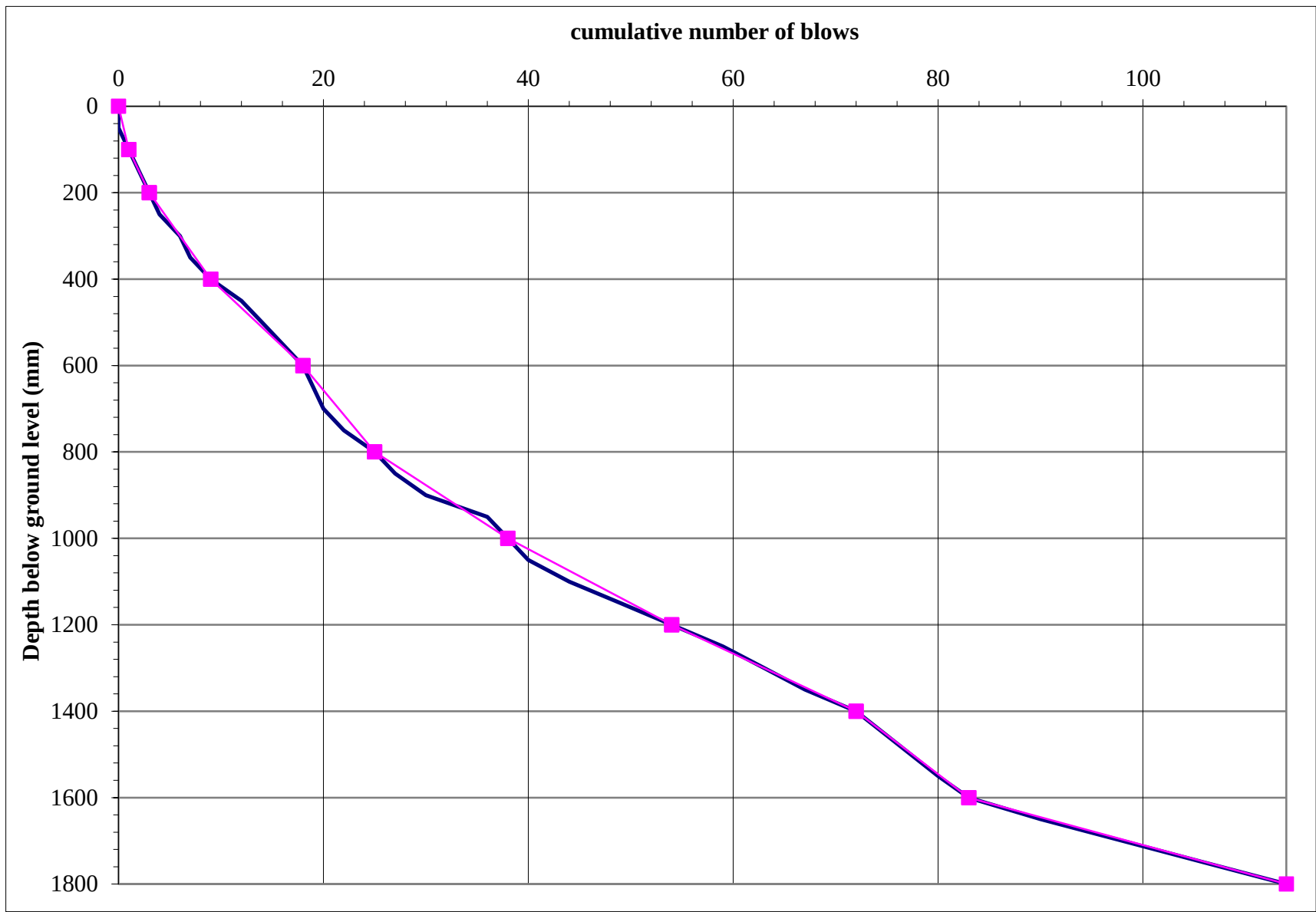
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	33	4.8
100 200	50	2.9
200 400	50	2.9
400 600	50	2.9
600 800	22	8.1
800 1000	5	61.7
1000 1050	10	22.5

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP213

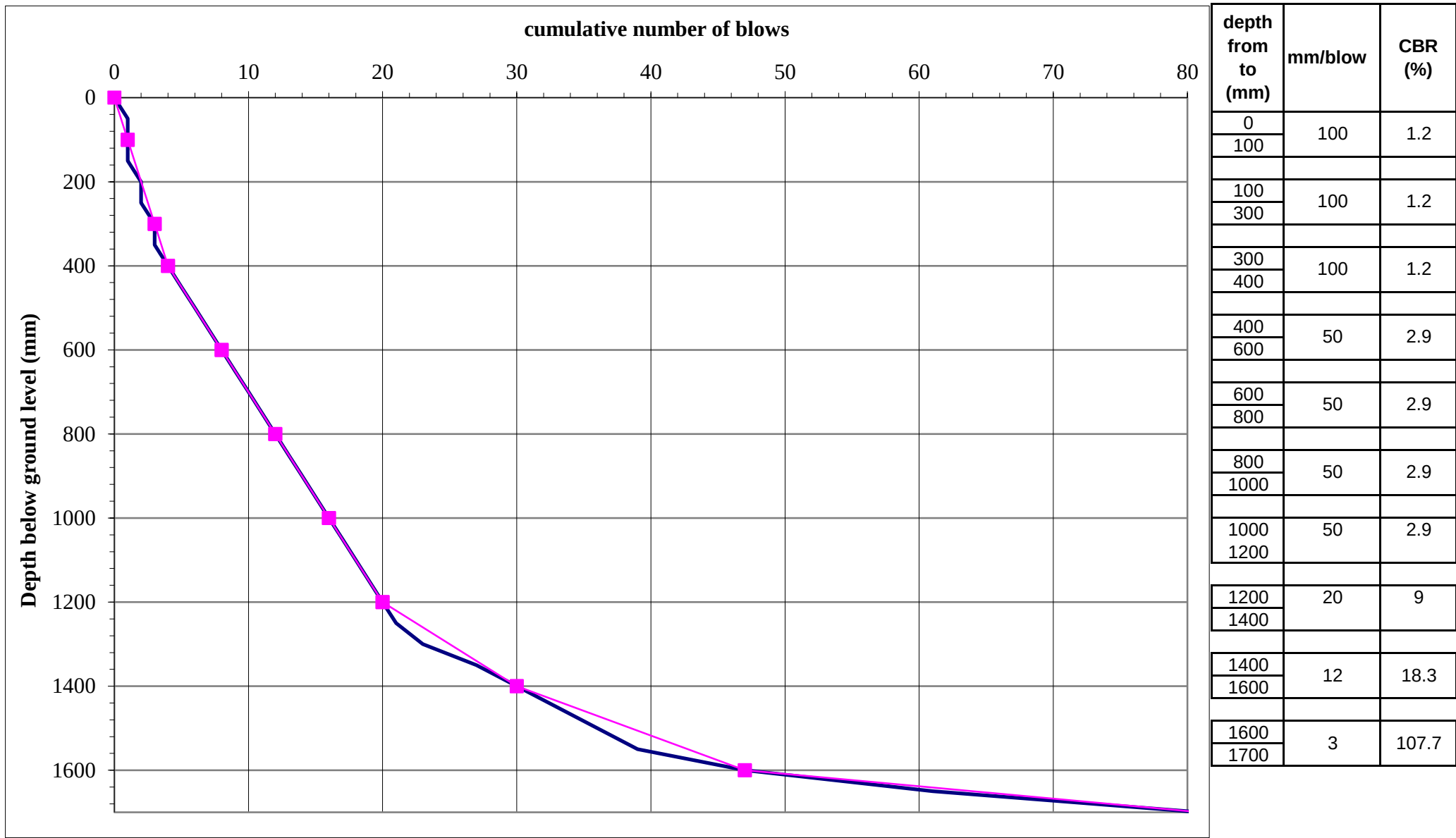
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 to 100	100	1.2
100 to 200	50	2.9
200 to 400	33	4.8
400 to 600	22	8.1
600 to 800	29	5.9
800 to 1000	15	13.0
1000 to 1200	13	16.9
1200 to 1400	11	20
1400 to 1600	18	10.5
1600 to 1800	6	39.4

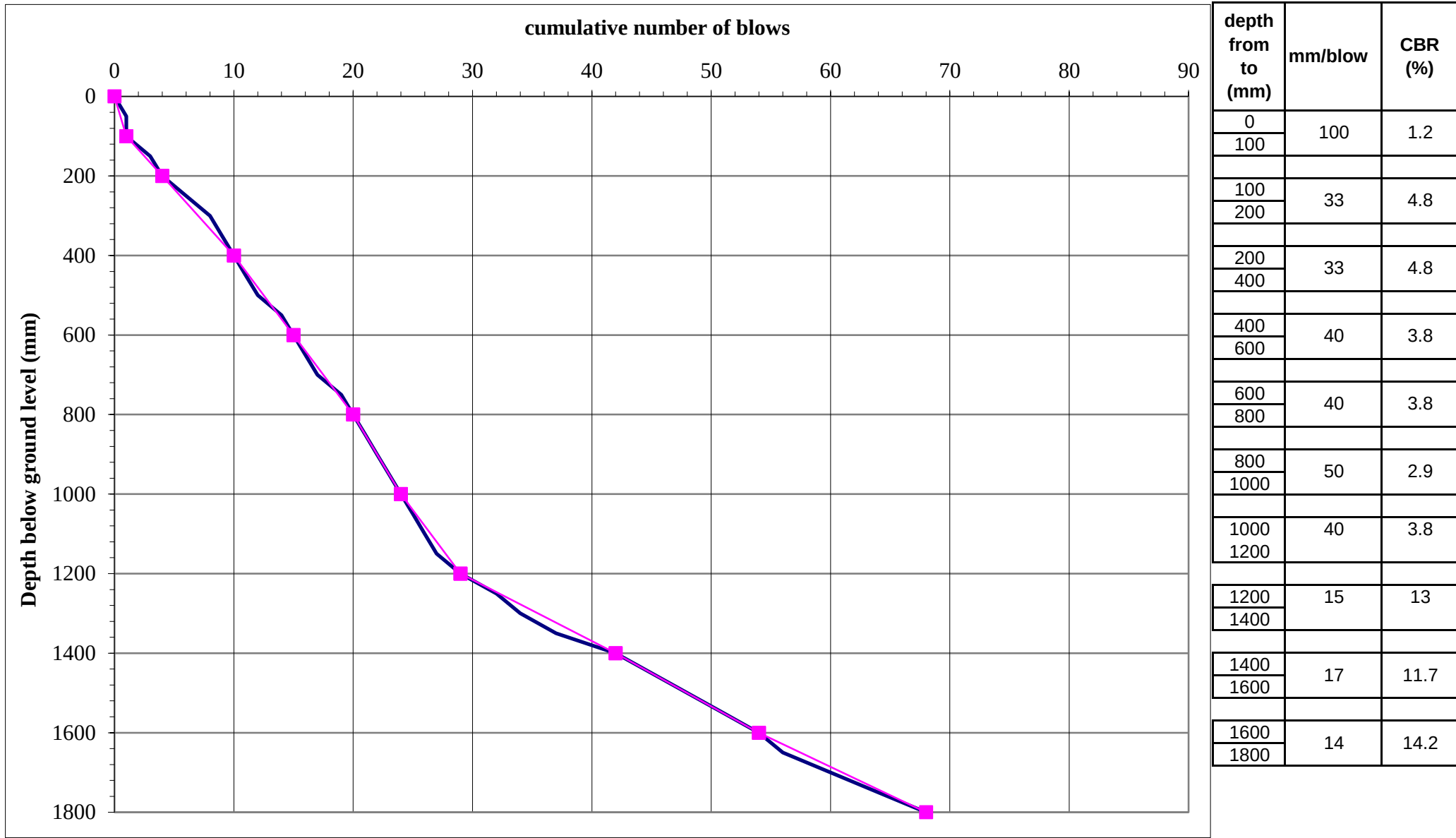
Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP214

CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



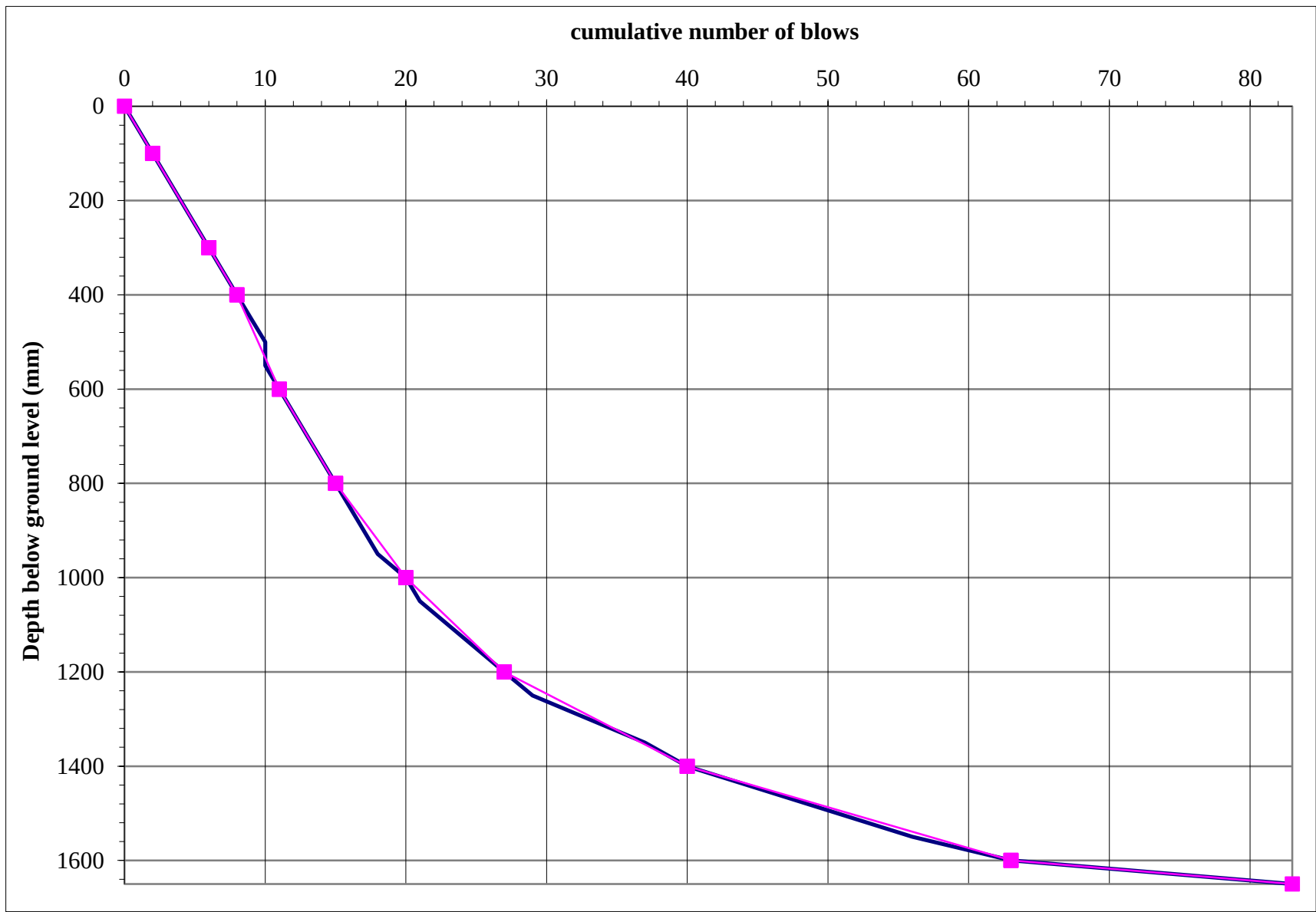
Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP215

CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP216

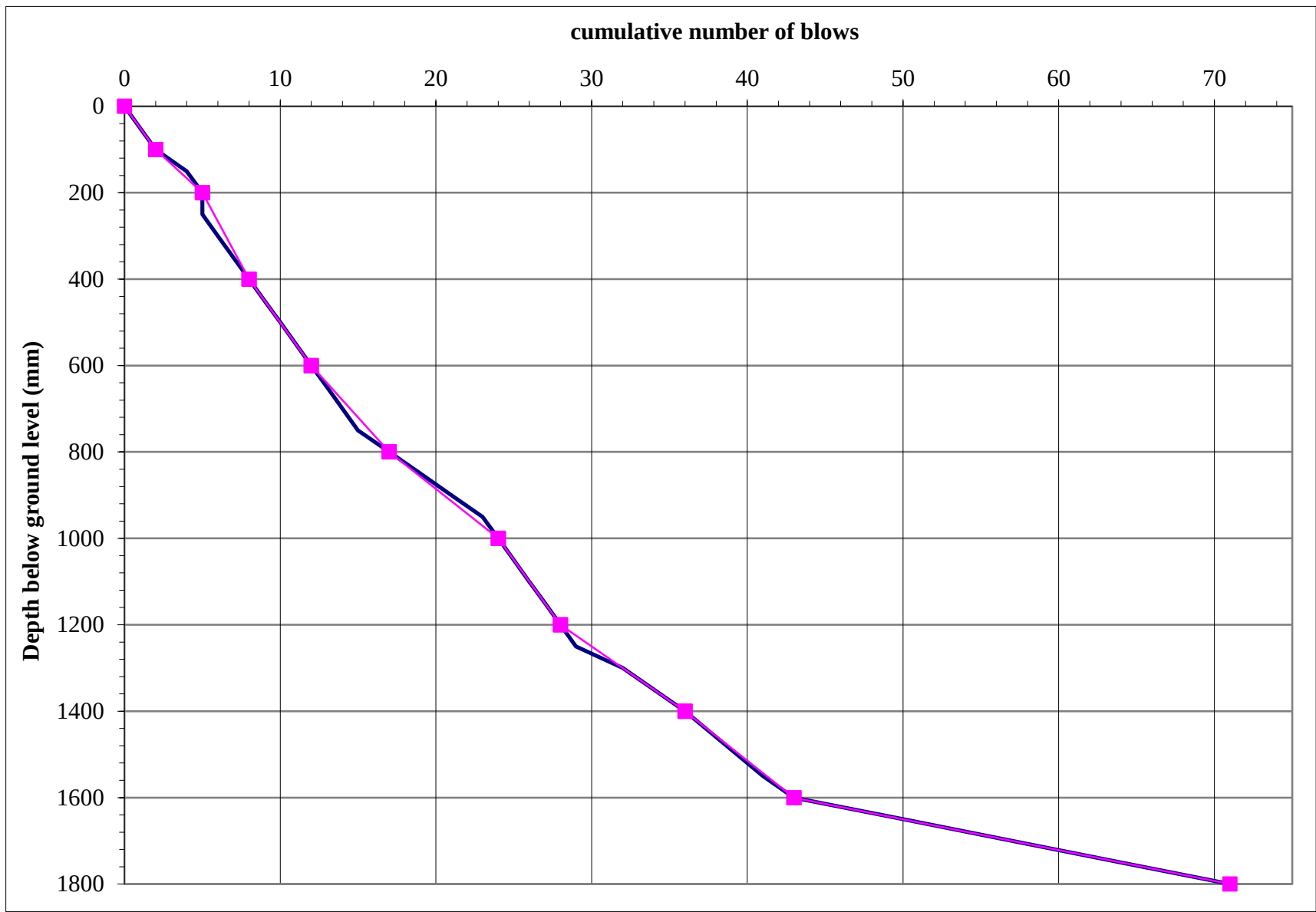
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	50	2.9
100		
100	50	2.9
300		
300	50	2.9
400		
400	67	2.0
600		
600	50	2.9
800		
800	40	3.8
1000		
1000	29	5.9
1200		
1200	15	13
1400		
1400	9	26.9
1600		
1600	3	132.6
1650		

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP217

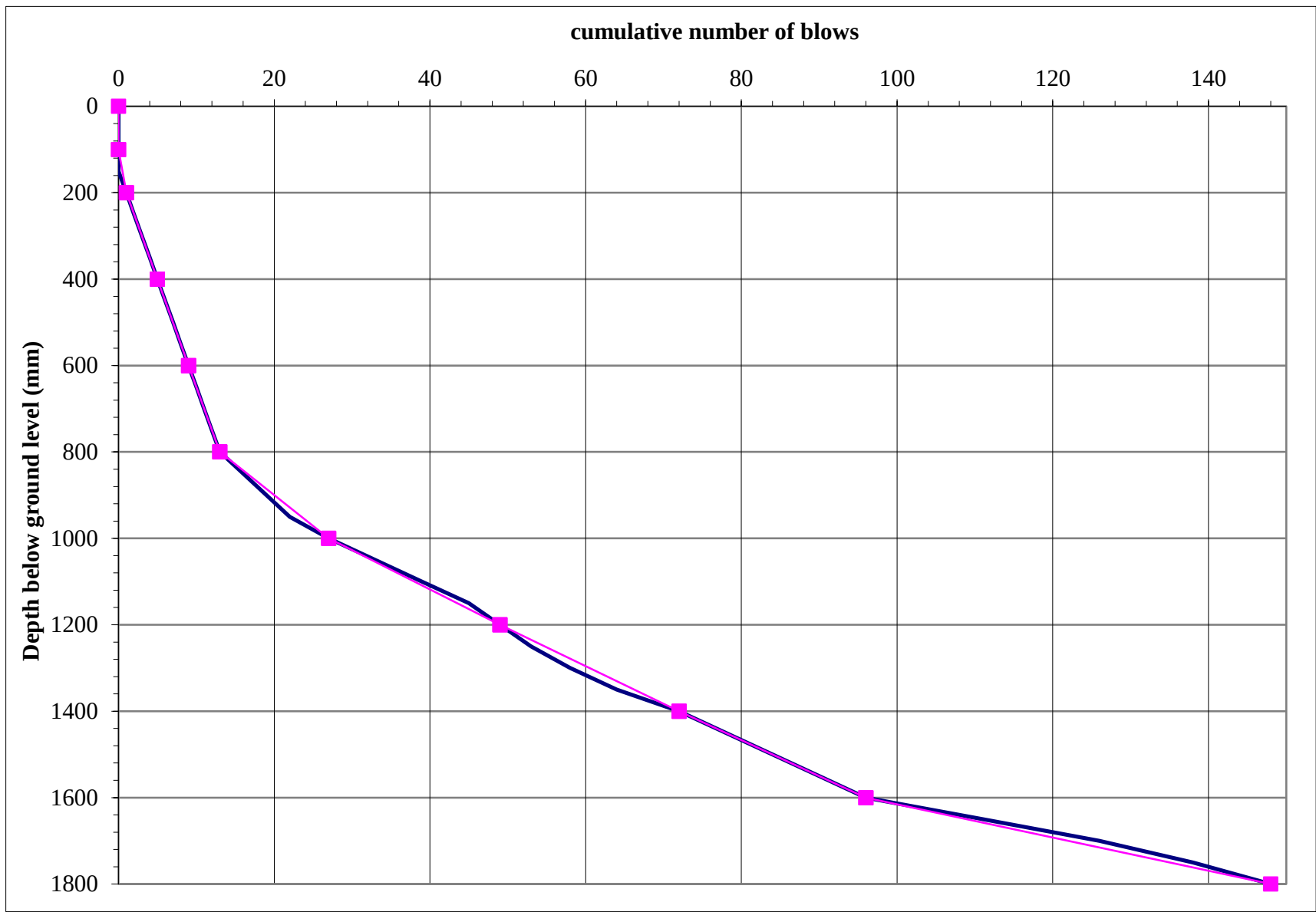
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 to 100	50	2.9
100 to 200	33	4.8
200 to 400	67	2.0
400 to 600	50	2.9
600 to 800	40	3.8
800 to 1000	29	5.9
1000 to 1200	50	2.9
1200 to 1400	25	7
1400 to 1600	29	5.9
1600 to 1800	7	34.6

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP218

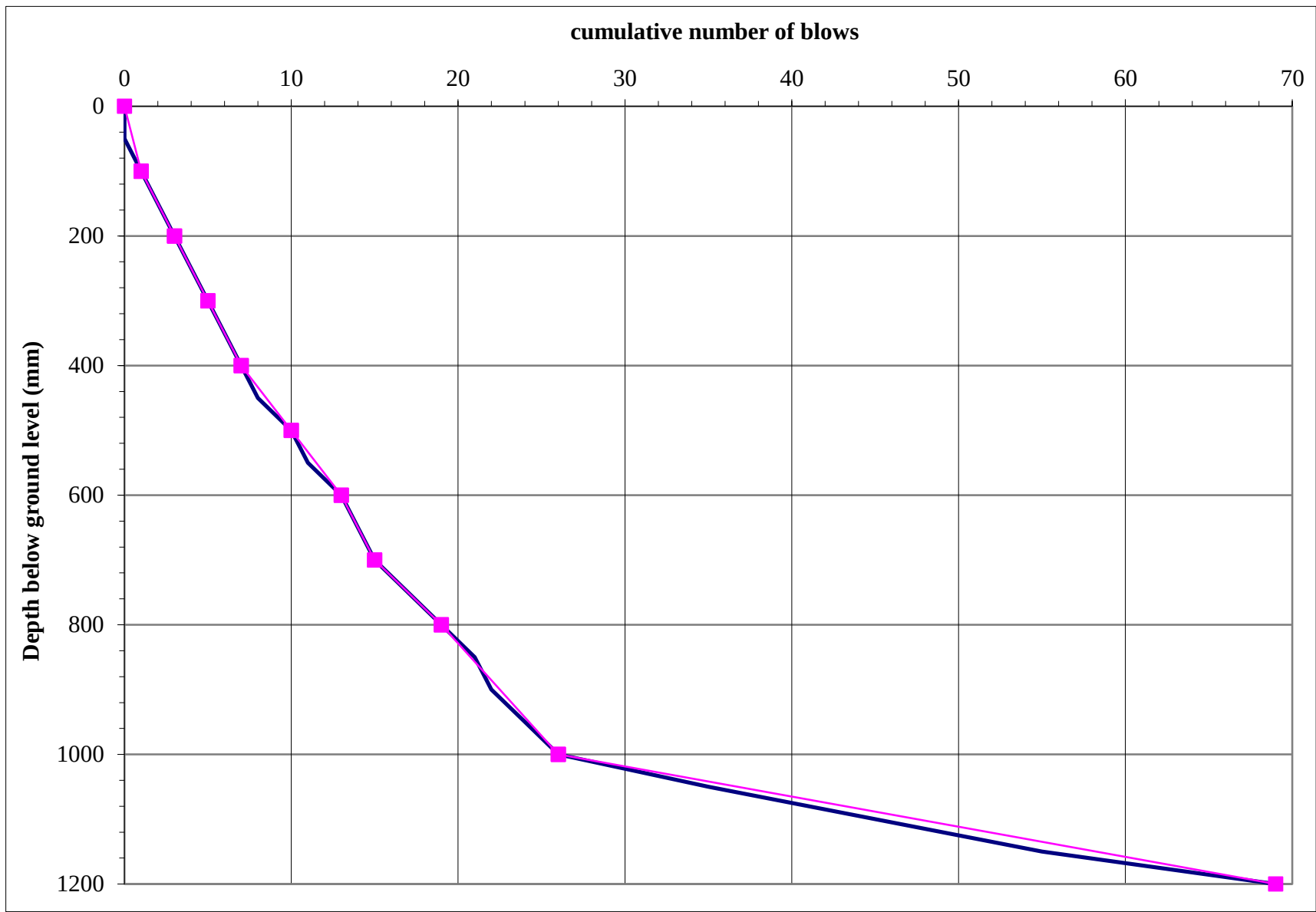
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 to 100	#DIV/0!	#DIV/0!
100 to 200	100	1.2
200 to 400	50	2.9
400 to 600	50	2.9
600 to 800	50	2.9
800 to 1000	14	14.2
1000 to 1200	9	25.4
1200 to 1400	9	27
1400 to 1600	8	28.4
1600 to 1800	4	76.4

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP219

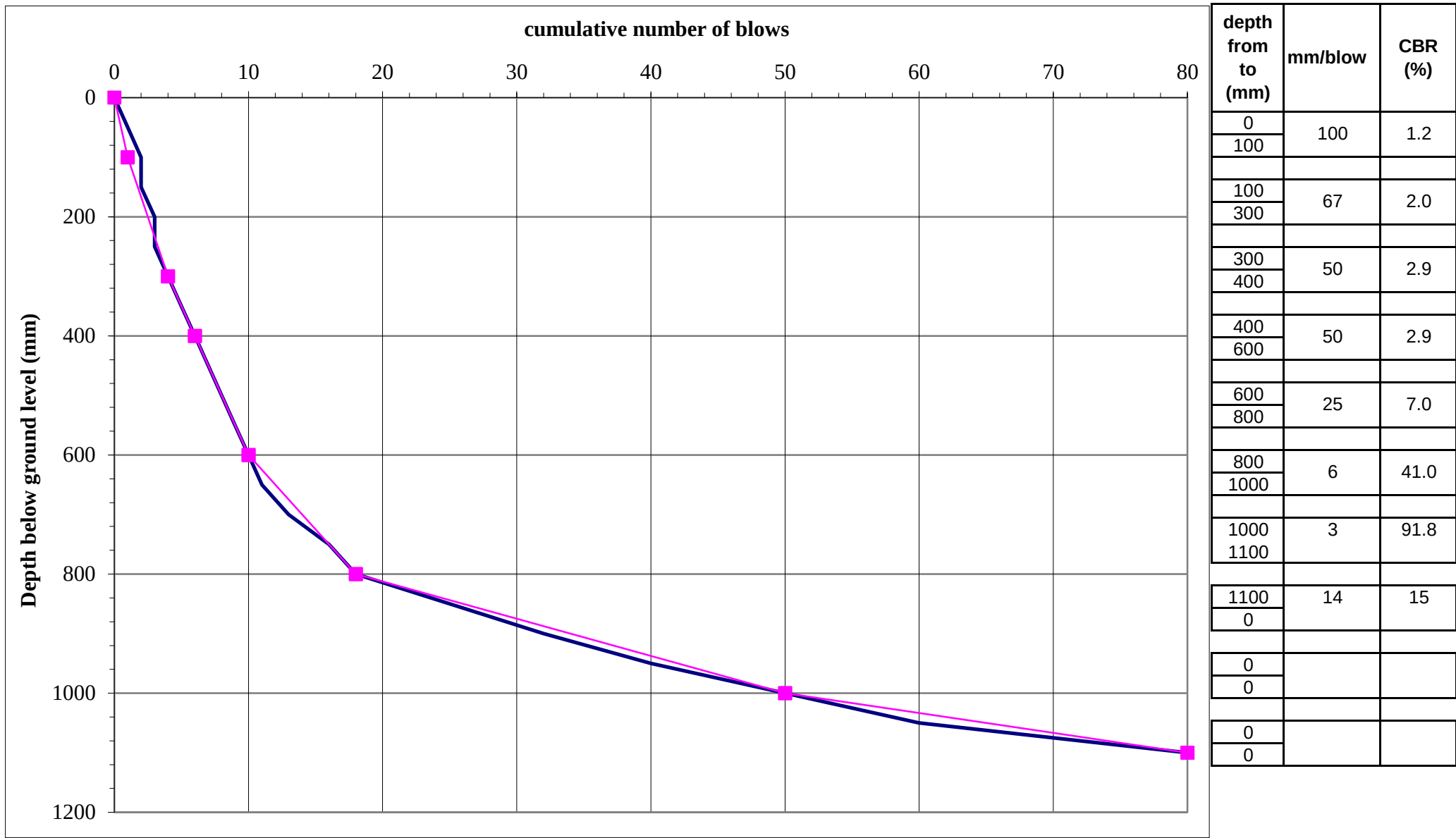
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	100	1.2
100		
100	50	2.9
200		
200	50	2.9
300		
300	50	2.9
400		
400	33	4.8
500		
500	33	4.8
600		
600	50	2.9
700		
700	25	7
800		
800	29	5.9
1000		
1000	5	59.9
1200		

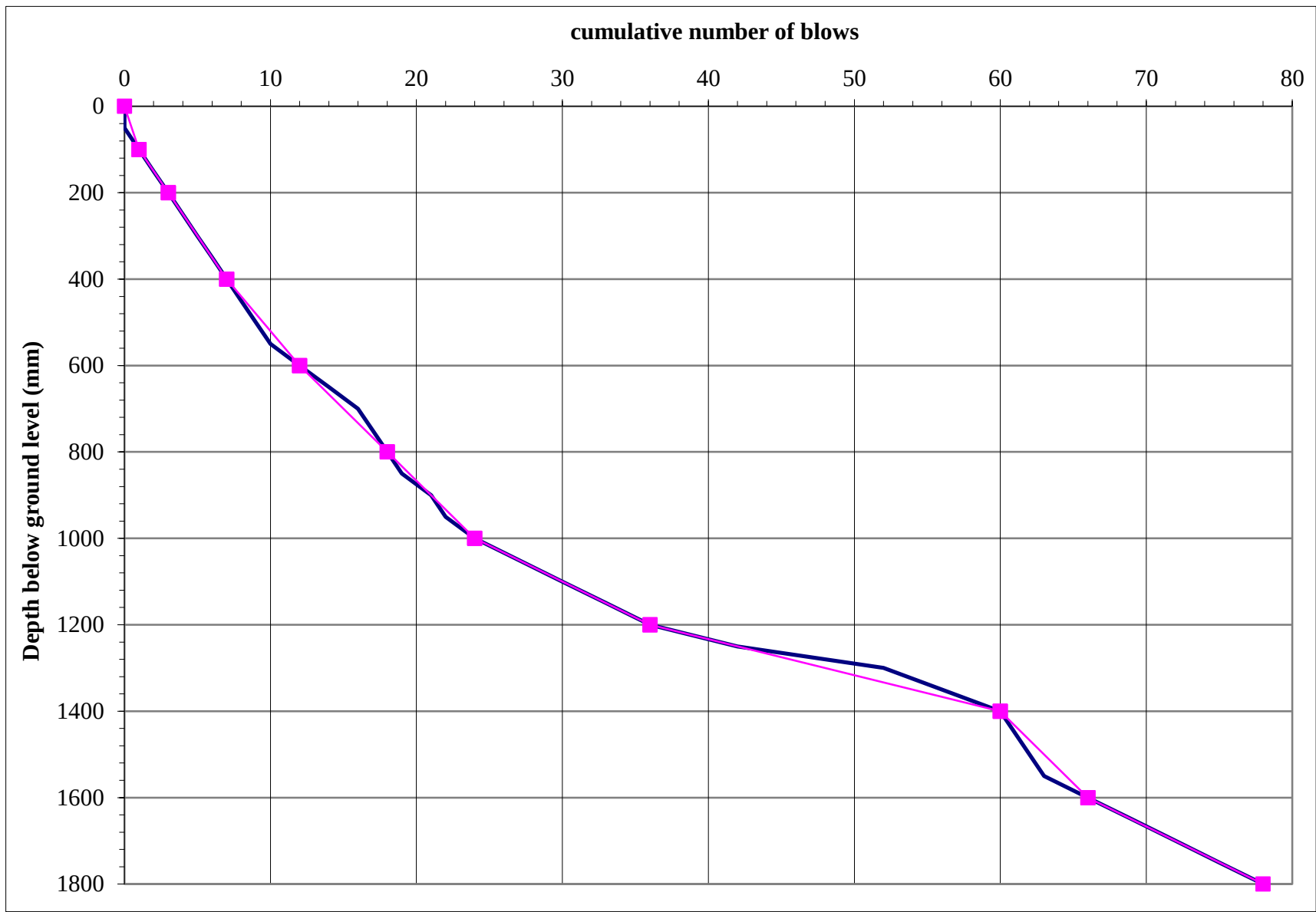
Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP220

CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP221

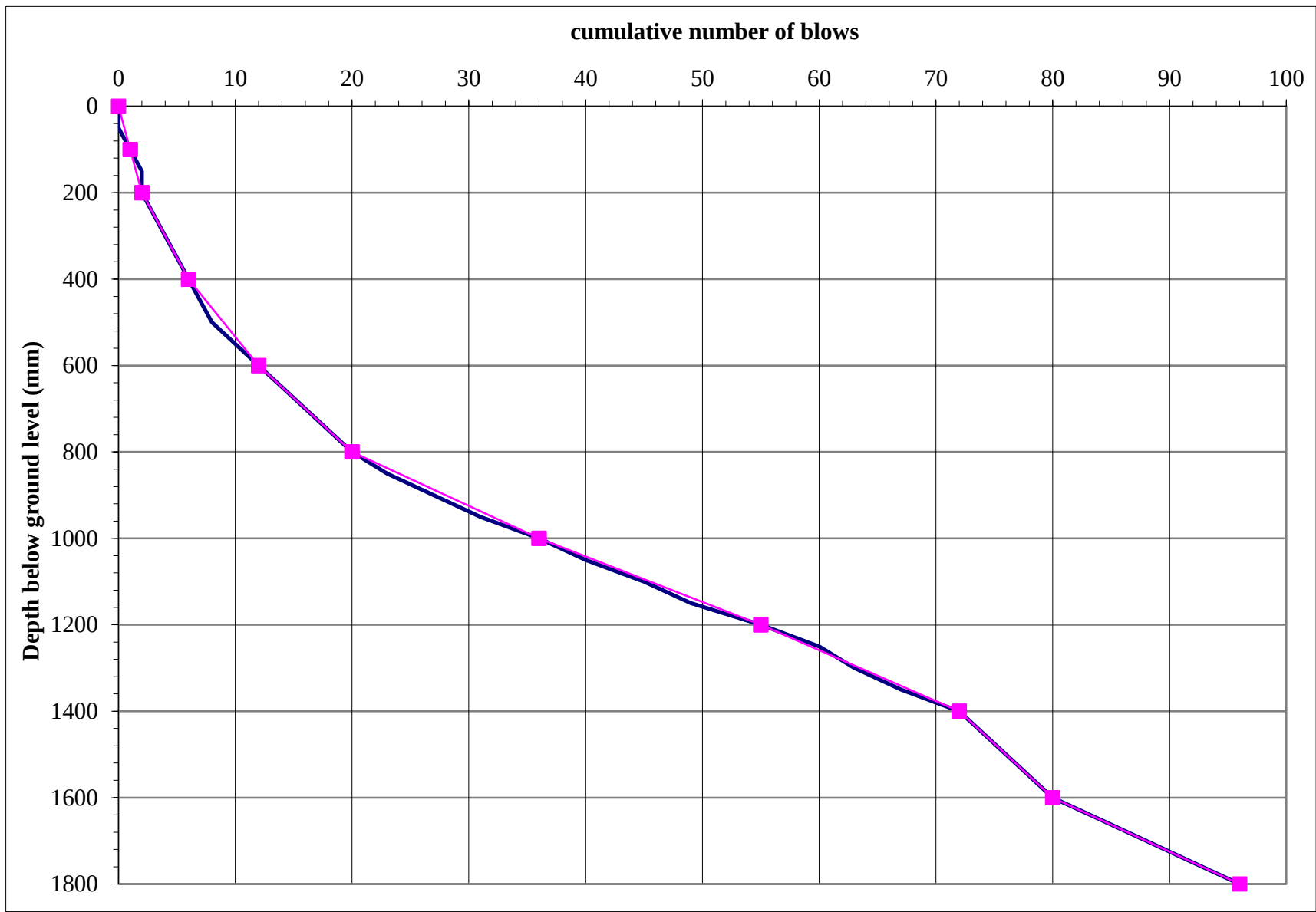
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	100	1.2
100 200	50	2.9
200 400	50	2.9
400 600	40	3.8
600 800	33	4.8
800 1000	33	4.8
1000 1200	17	11.7
1200 1400	8	28
1400 1600	33	4.8
1600 1800	17	11.7

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP222

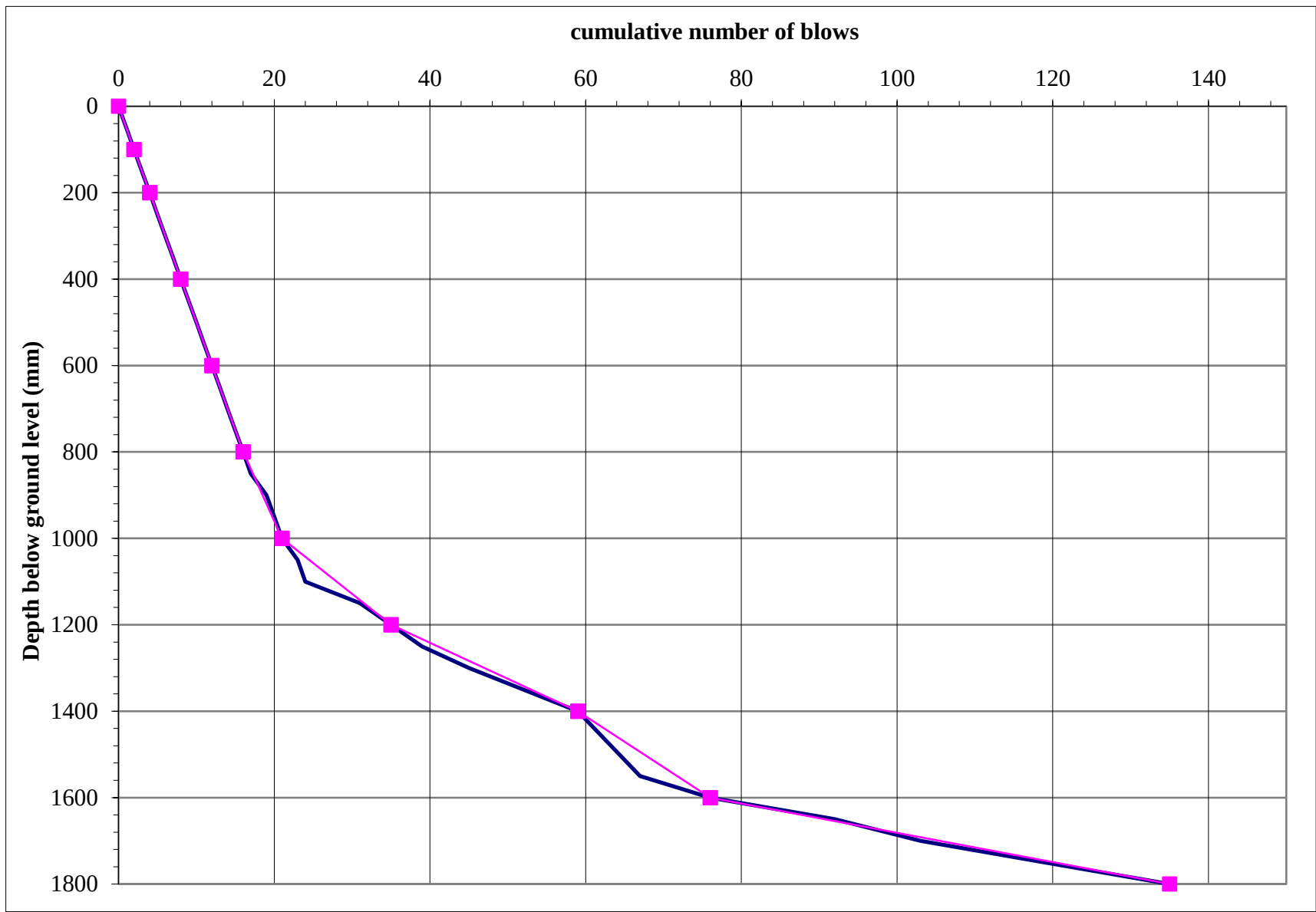
CBR estimated using Kleyn & Van Heerden (1983):
 Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	100	1.2
100		
100	100	1.2
200		
200	50	2.9
400		
400	33	4.8
600		
600	25	7.0
800		
800	13	16.9
1000		
1000	11	21.1
1200		
1200	12	18
1400		
1400	25	7.0
1600		
1600	13	16.9
1800		

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP223

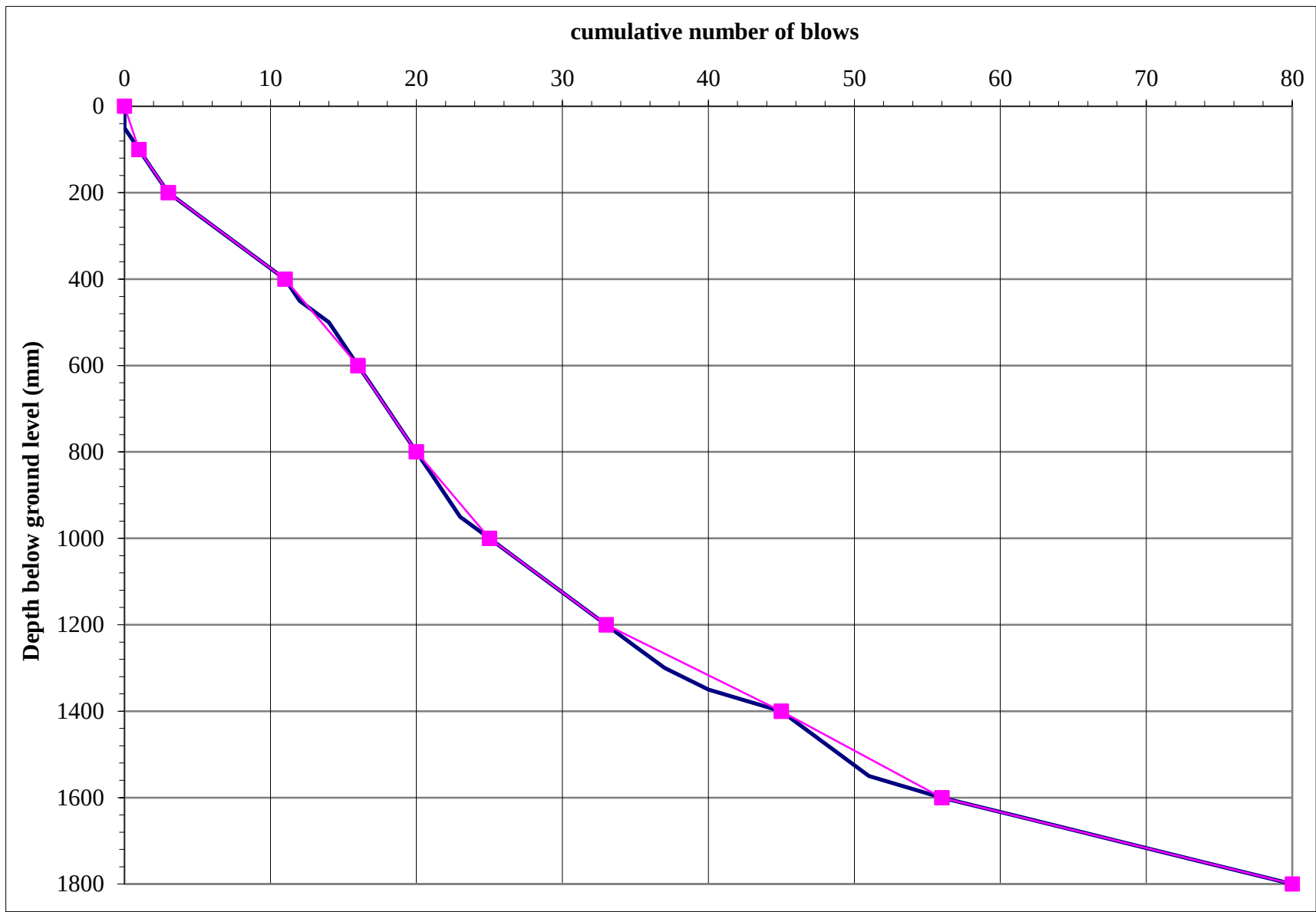
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	50	2.9
100		
100	50	2.9
200		
200	50	2.9
400		
400	50	2.9
600		
600	50	2.9
800		
800	40	3.8
1000		
1000	14	14.2
1200		
1200	8	28
1400		
1400	12	18.3
1600		
1600	3	89.8
1800		

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP224

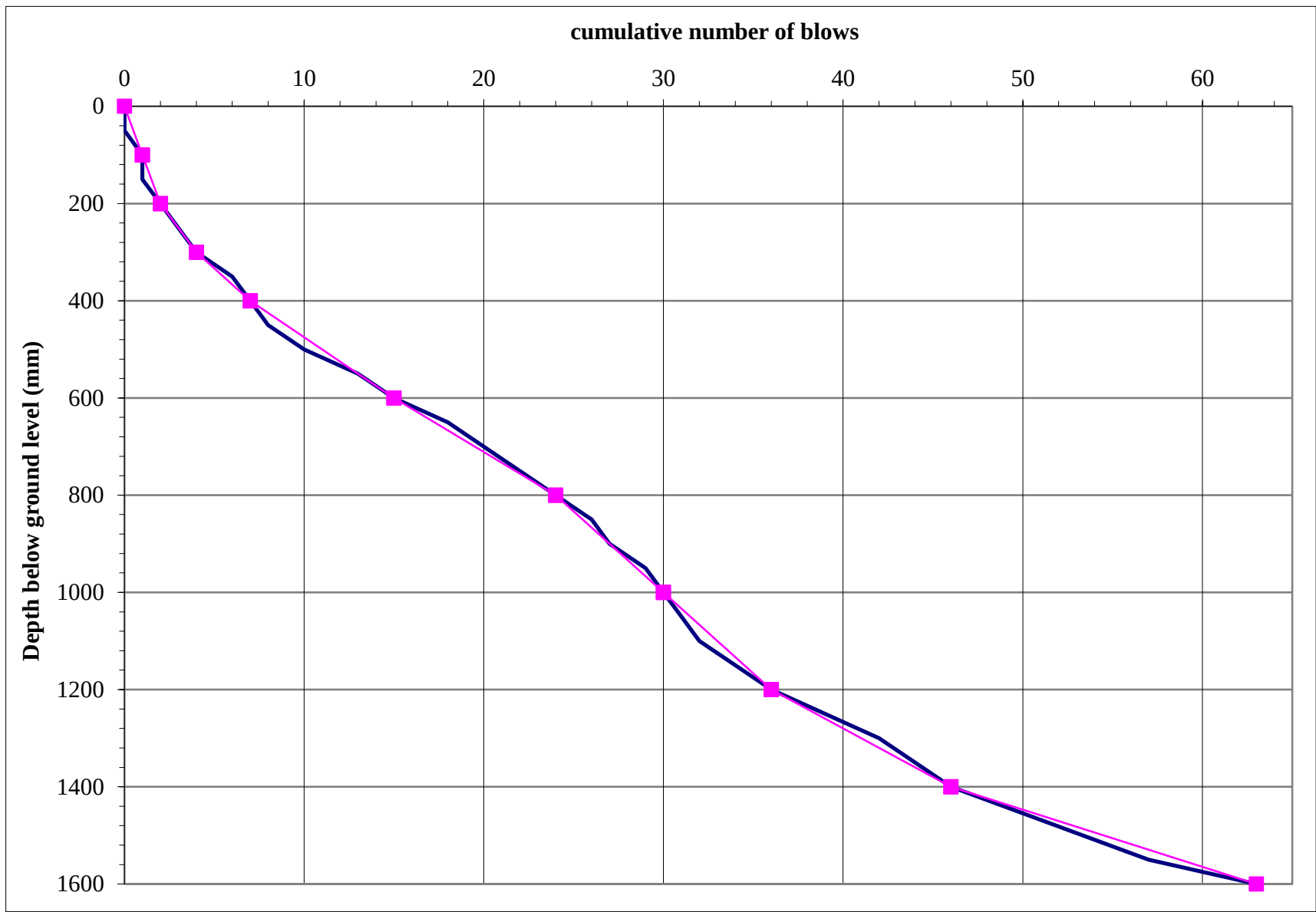
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	100	1.2
100 200	50	2.9
200 400	25	7.0
400 600	40	3.8
600 800	50	2.9
800 1000	40	3.8
1000 1200	25	7.0
1200 1400	17	12
1400 1600	18	10.5
1600 1800	8	28.4

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP225

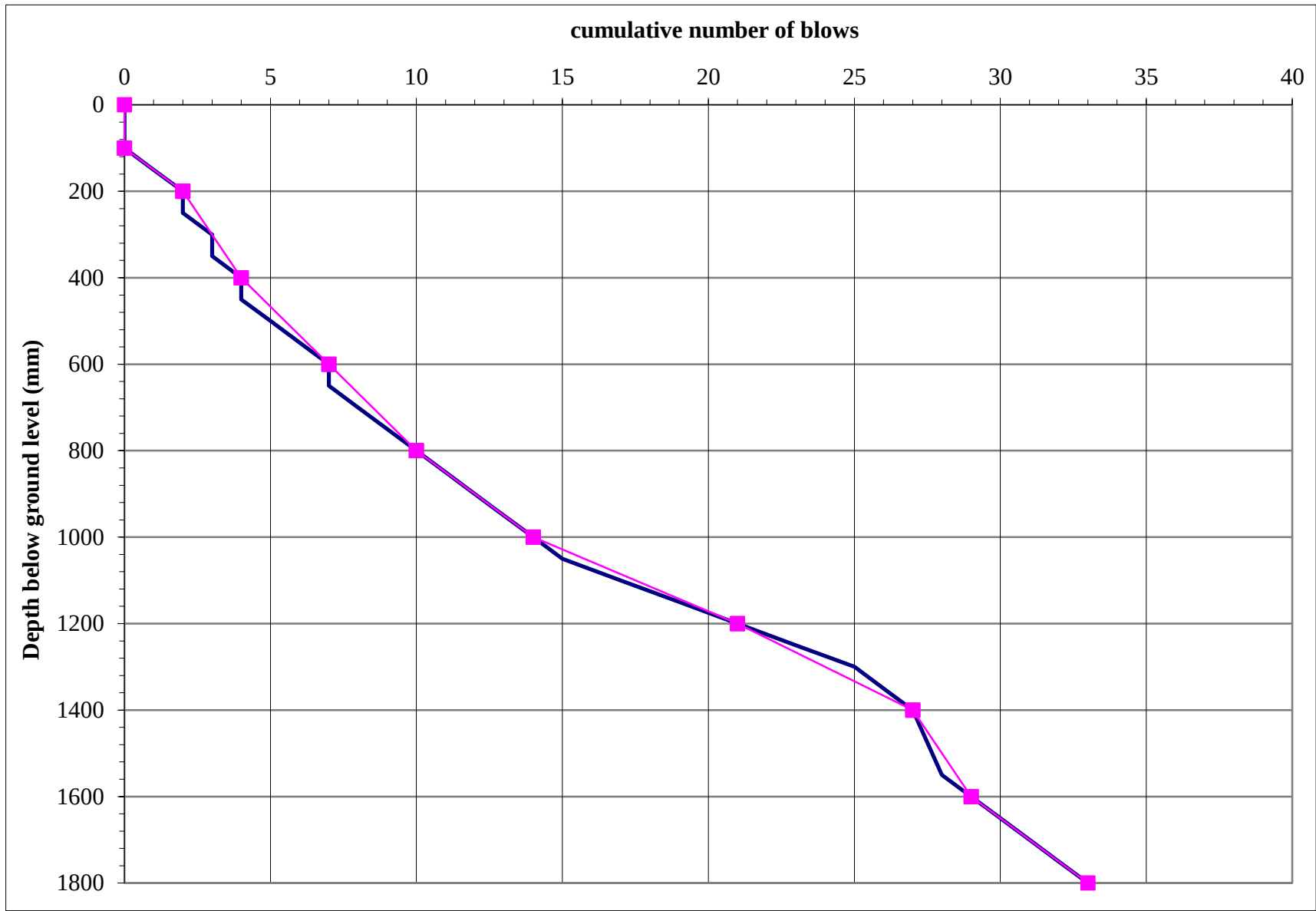
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	100	1.2
100		
100	100	1.2
200		
200	50	2.9
300		
300	33	4.8
400		
400	25	7.0
600		
600	22	8.1
800		
800	33	4.8
1000		
1000	33	5
1200		
1200	20	9.3
1400		
1400	12	18.3
1600		

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP226

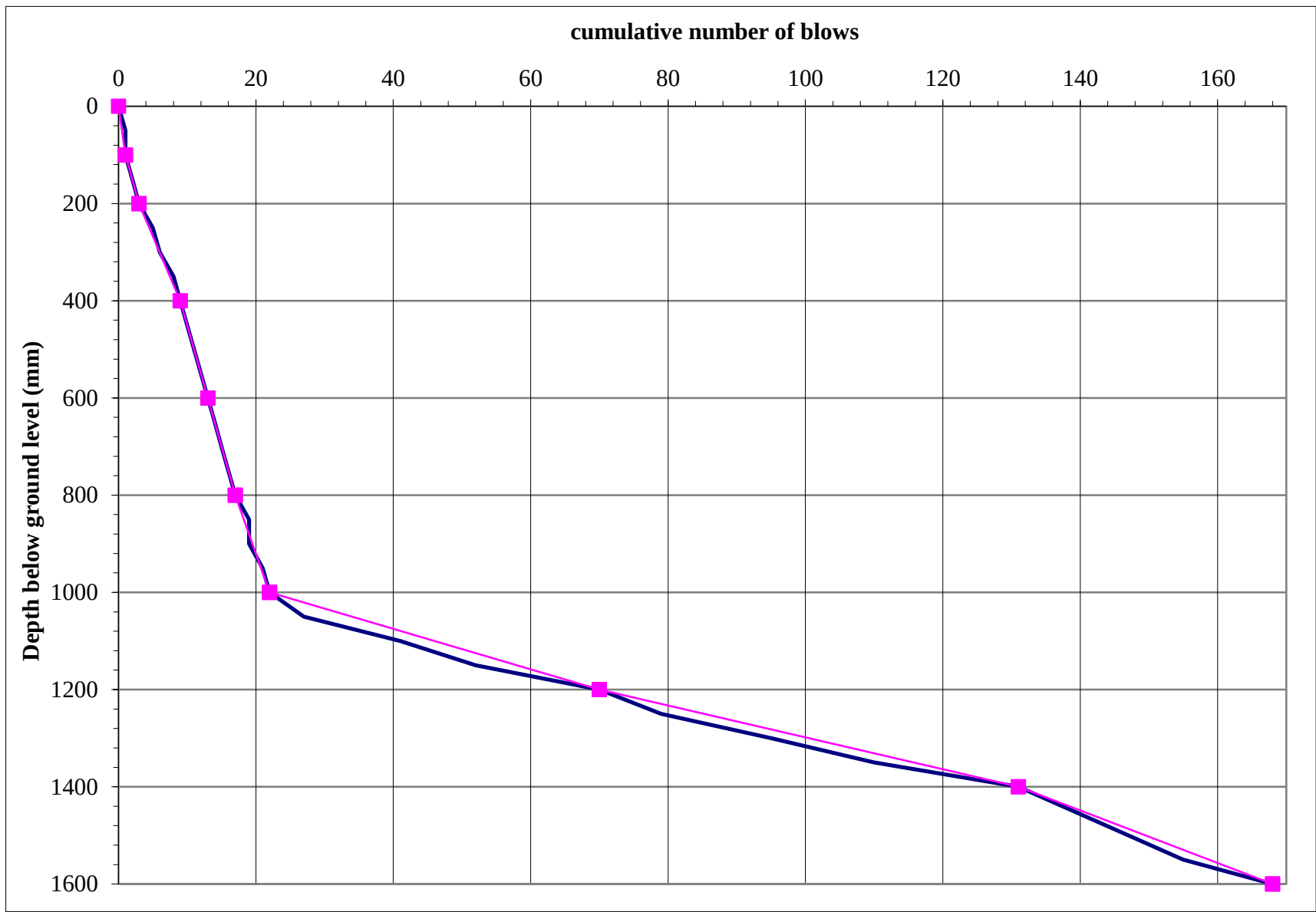
CBR estimated using Kleyn & Van Heerden (1983):
 Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	#DIV/0!	#DIV/0!
100		
100	50	2.9
200		
200	100	1.2
400		
400	67	2.0
600		
600	67	2.0
800		
800	50	2.9
1000		
1000	29	5.9
1200		
1200	33	5
1400		
1400	100	1.2
1600		
1600	50	2.9
1800		

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP227

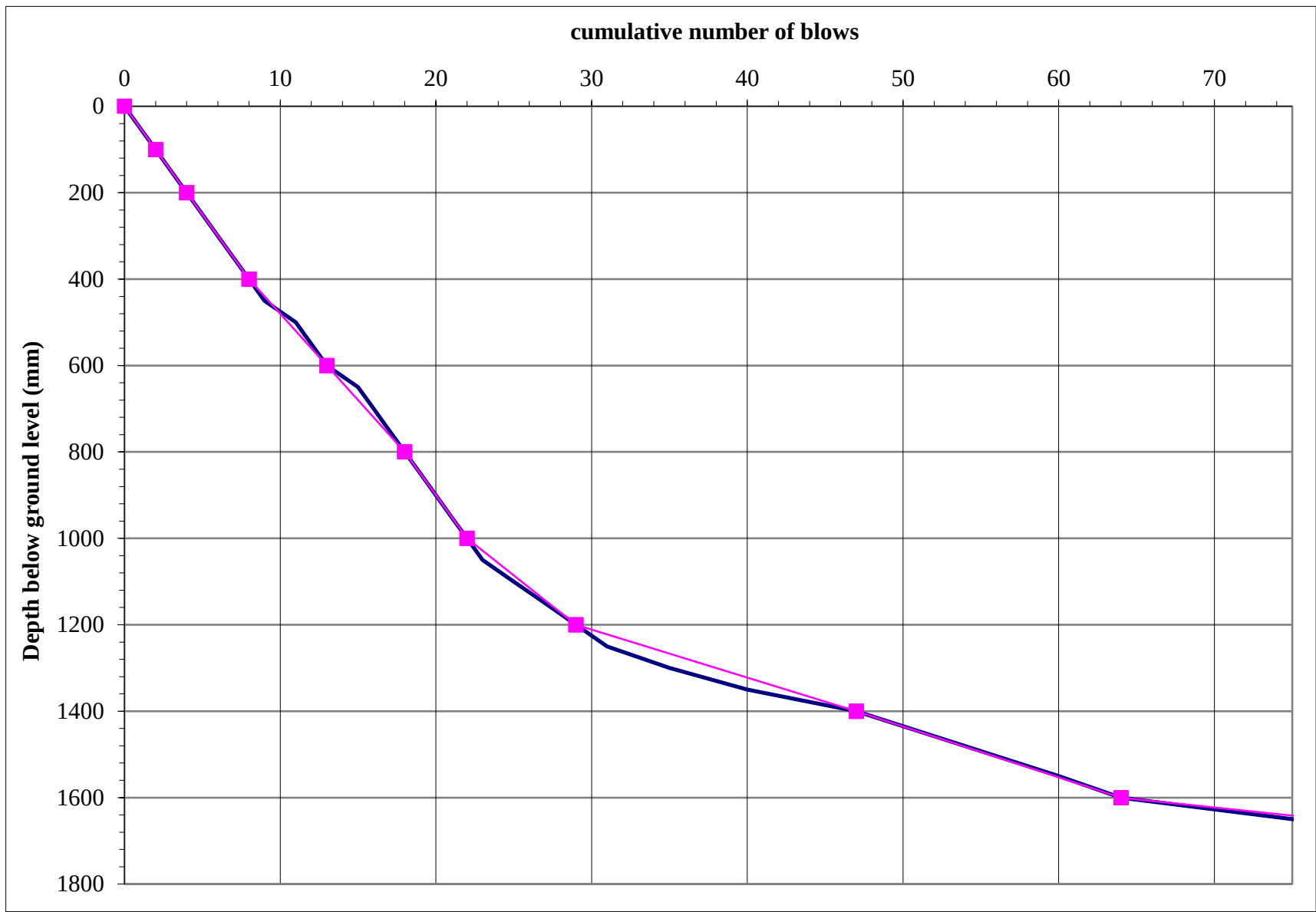
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 to 100	100	1.2
100 to 200	50	2.9
200 to 400	33	4.8
400 to 600	50	2.9
600 to 800	50	2.9
800 to 1000	40	3.8
1000 to 1200	4	69.0
1200 to 1400	3	94
1400 to 1600	5	49.4
1600 to 0	10	23.9

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP228

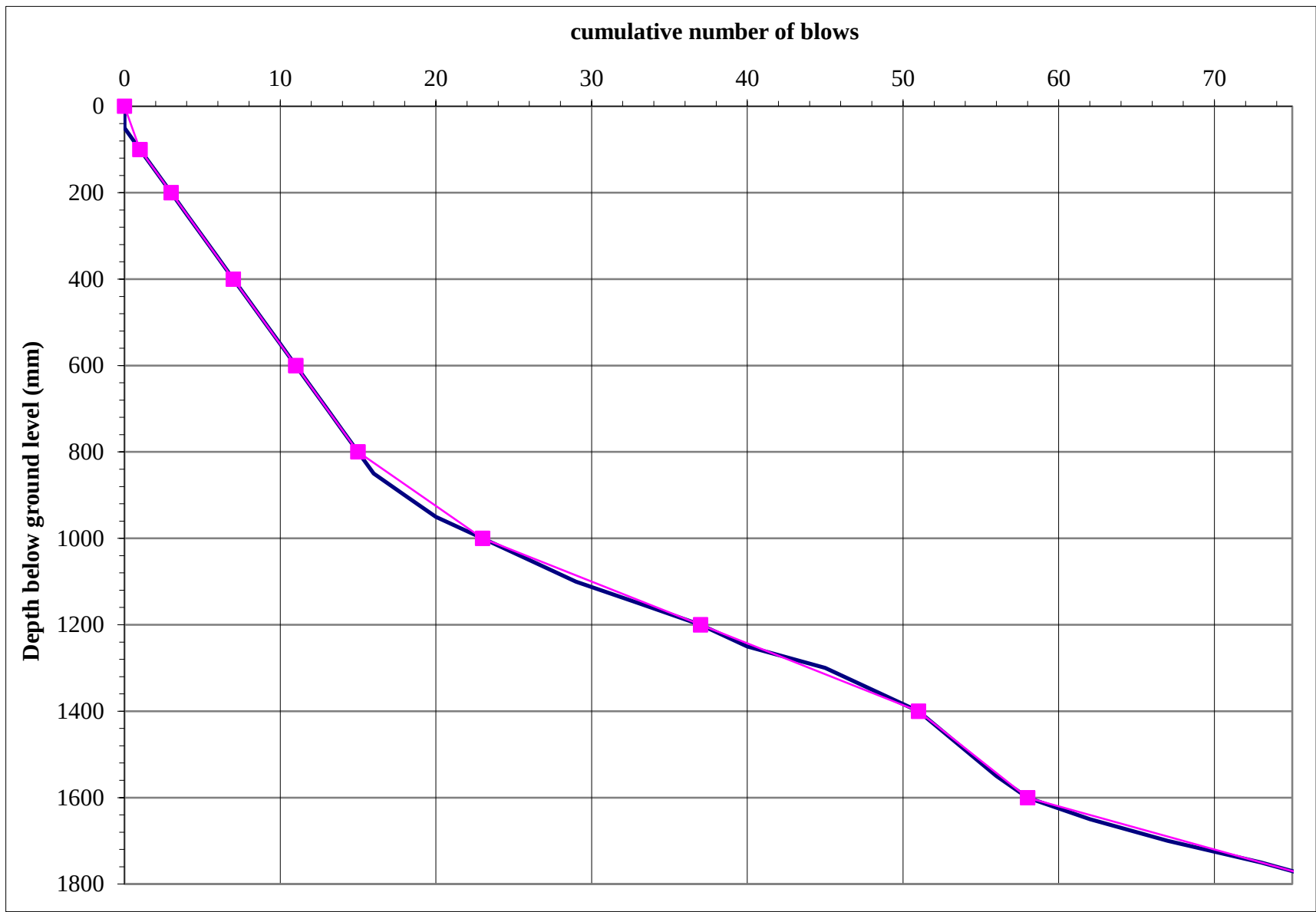
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	50	2.9
100 200	50	2.9
200 400	50	2.9
400 600	40	3.8
600 800	40	3.8
800 1000	50	2.9
1000 1200	29	5.9
1200 1400	11	20
1400 1600	12	18.3
1600 1800	4	78.3

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP229

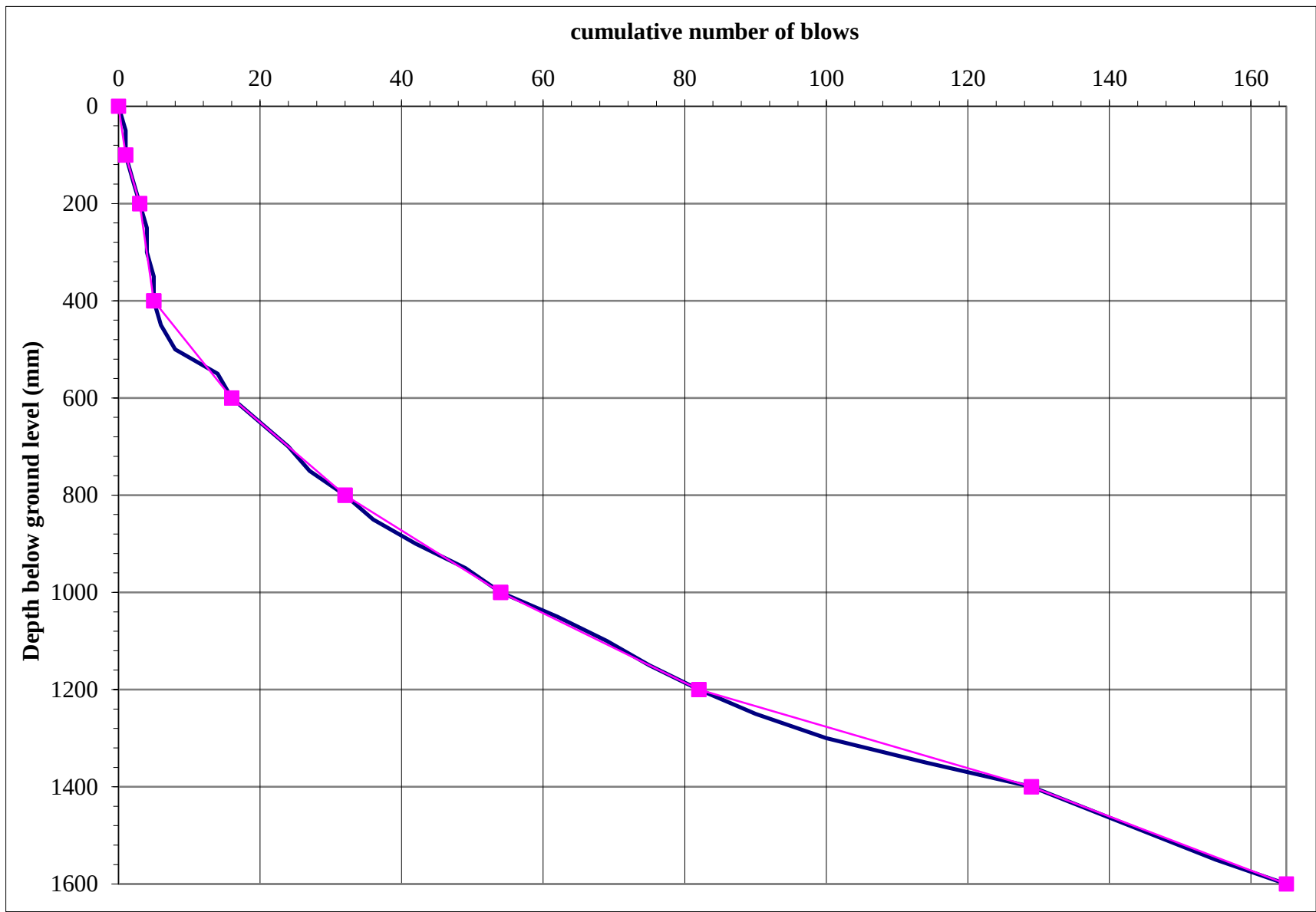
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	100	1.2
100		
100	50	2.9
200		
200	50	2.9
400		
400	50	2.9
600		
600	50	2.9
800		
800	25	7.0
1000		
1000	14	14.2
1200		
1200	14	14
1400		
1400	29	5.9
1600		
1600	10	22.5
1800		

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP230

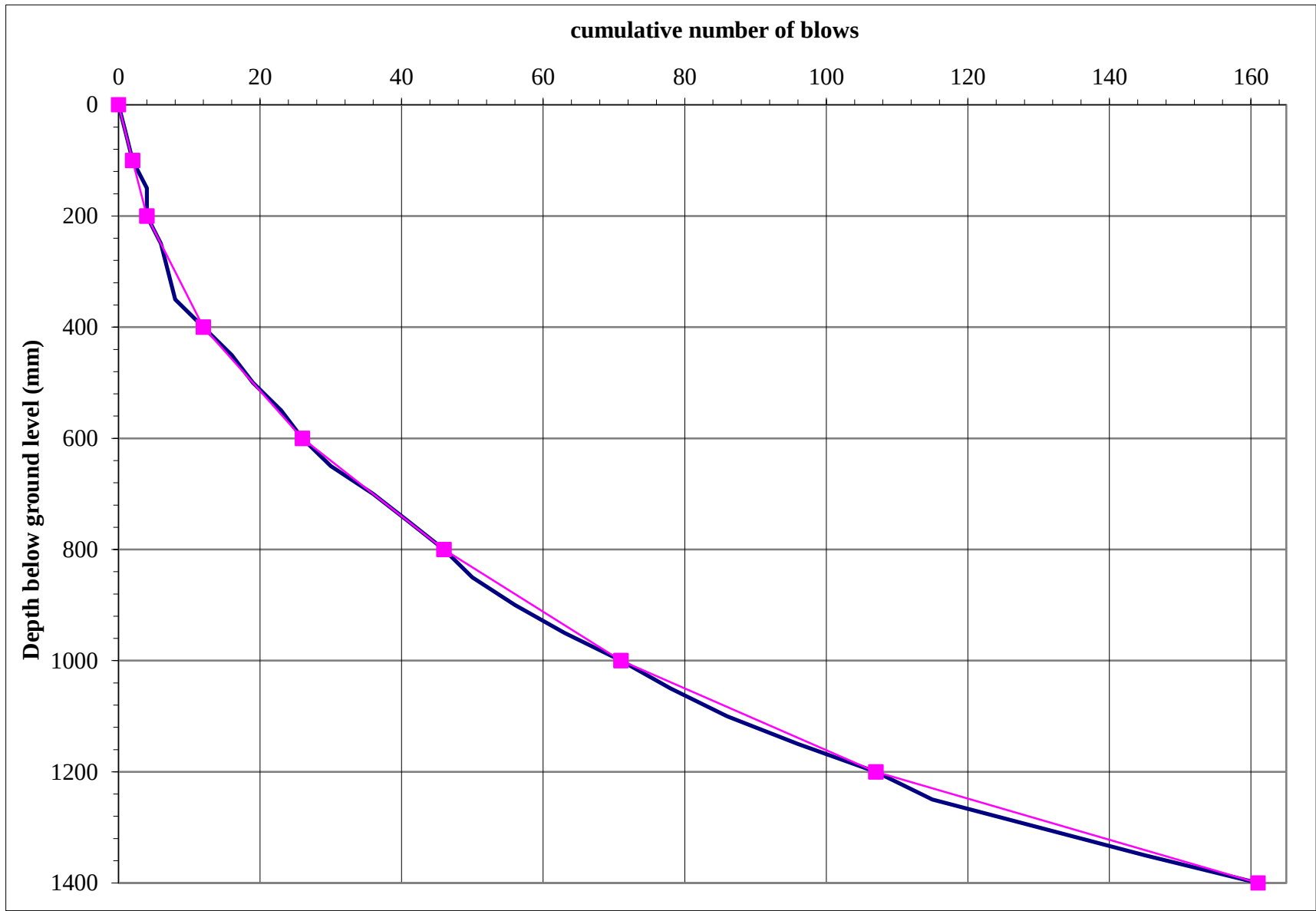
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	100	1.2
100 200	50	2.9
200 400	100	1.2
400 600	18	10.5
600 800	13	16.9
800 1000	9	25.4
1000 1200	7	34.6
1200 1400	4	67
1400 1600	6	47.7

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP231

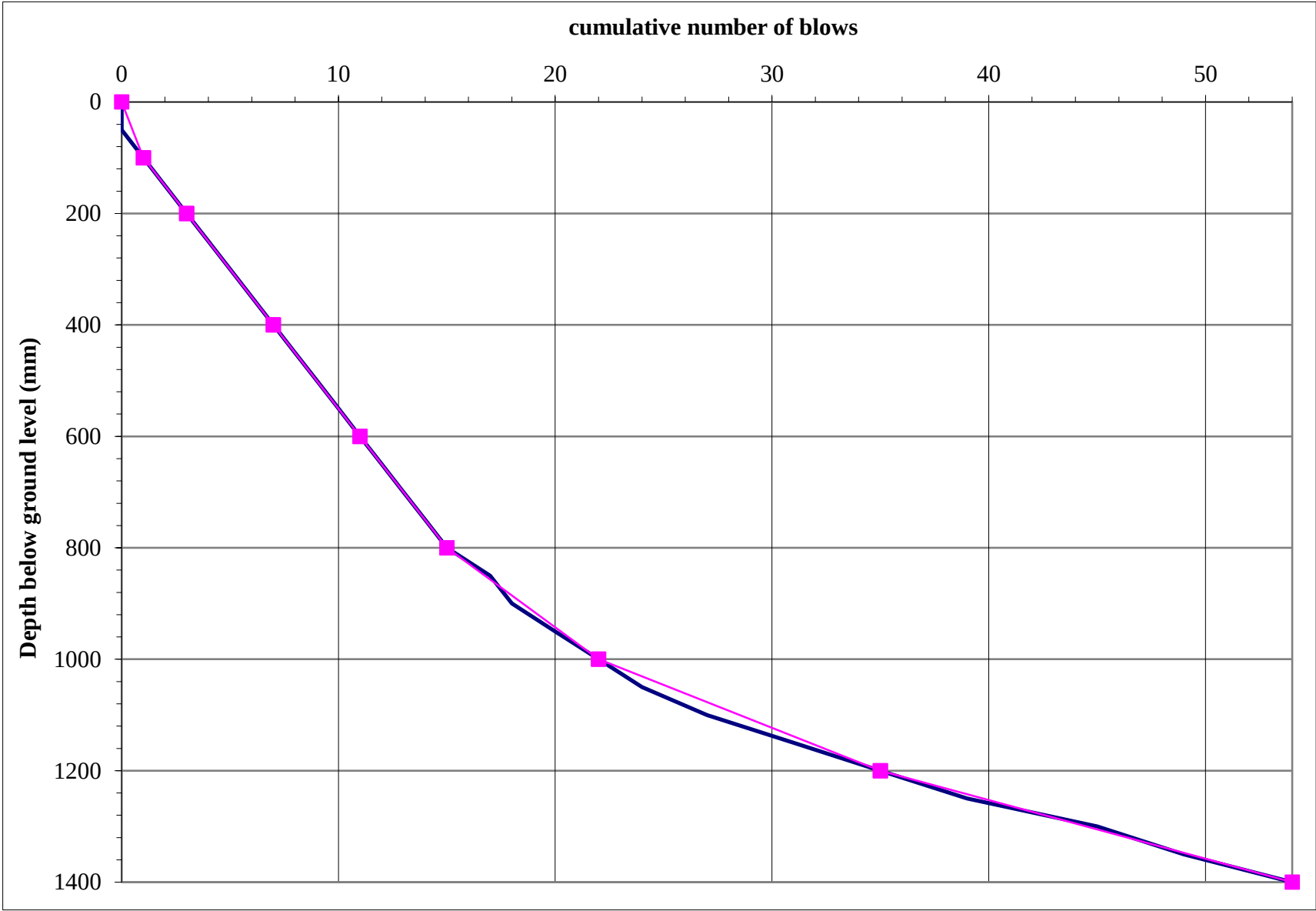
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	50	2.9
100 200	50	2.9
200 400	25	7.0
400 600	14	14.2
600 800	10	22.5
800 1000	8	29.9
1000 1200	6	47.7
1200 1400	4	80

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP232

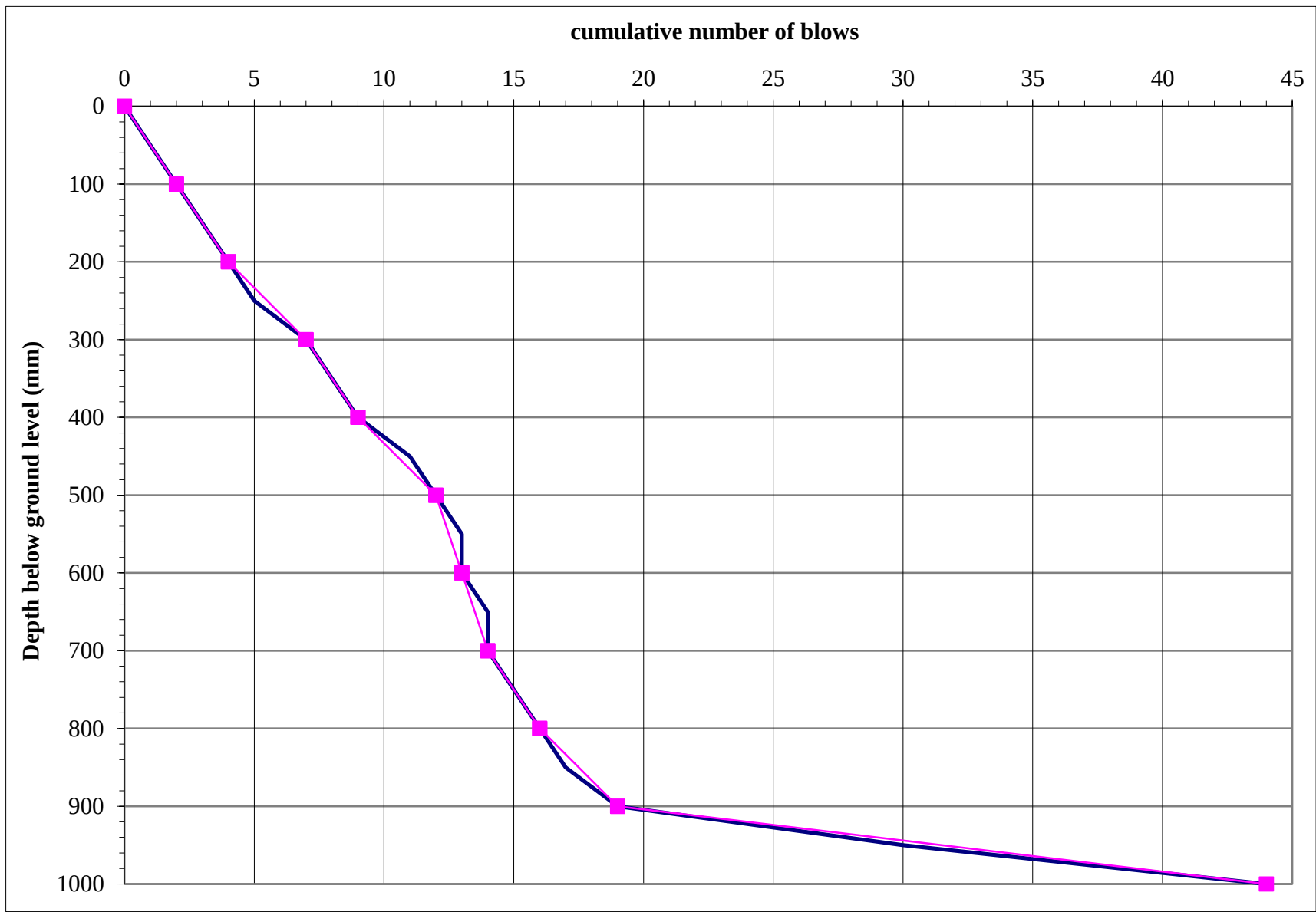
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	100	1.2
100 200	50	2.9
200 400	50	2.9
400 600	50	2.9
600 800	50	2.9
800 1000	29	5.9
1000 1200	15	13.0
1200 1400	11	21

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP234

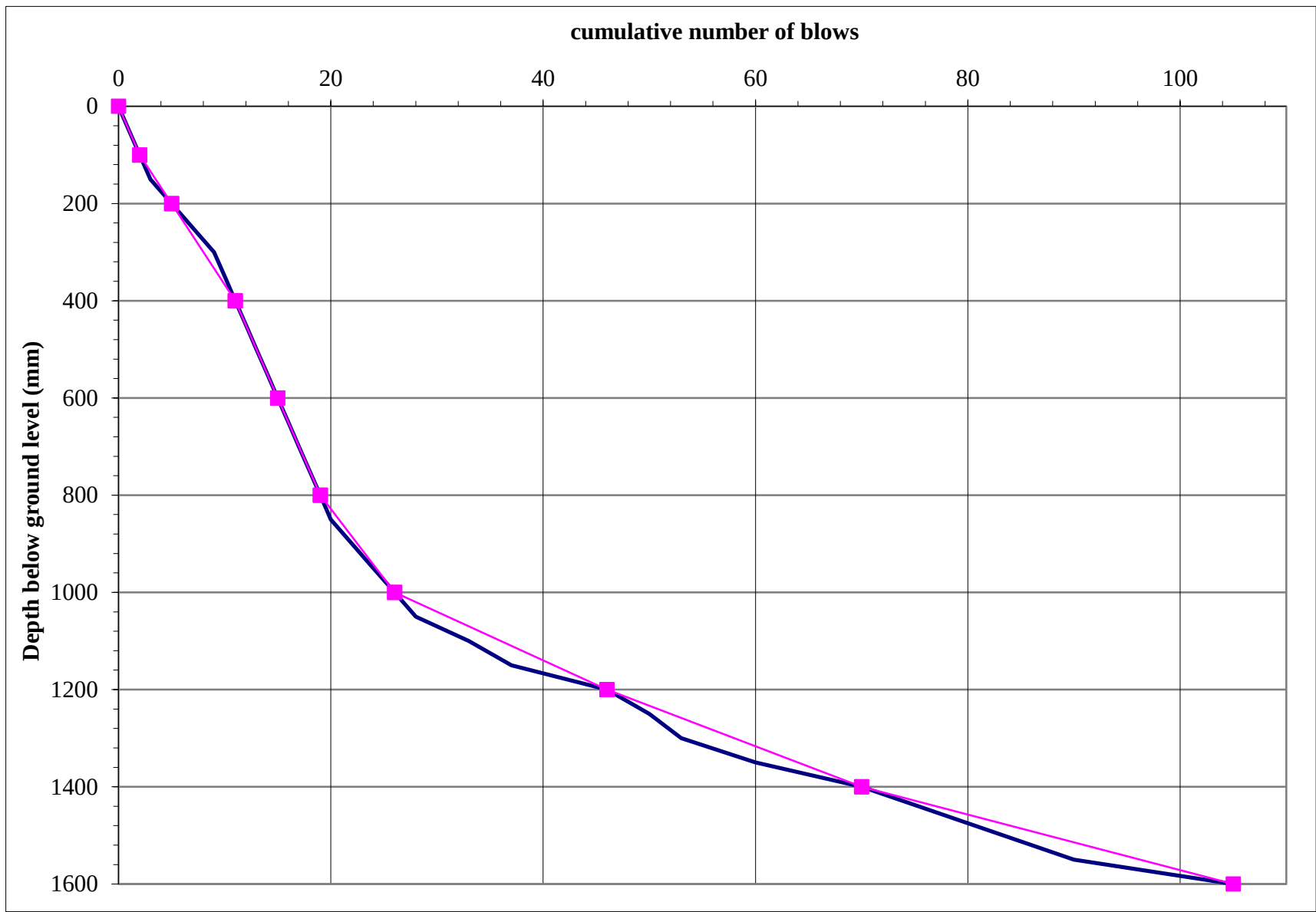
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	50	2.9
100		
100	50	2.9
200		
200	33	4.8
300		
300	50	2.9
400		
400	33	4.8
500		
500	100	1.2
600		
600	100	1.2
700		
700	50	3
800		
800	33	4.8
900		
900	4	72.7
1000		

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP235

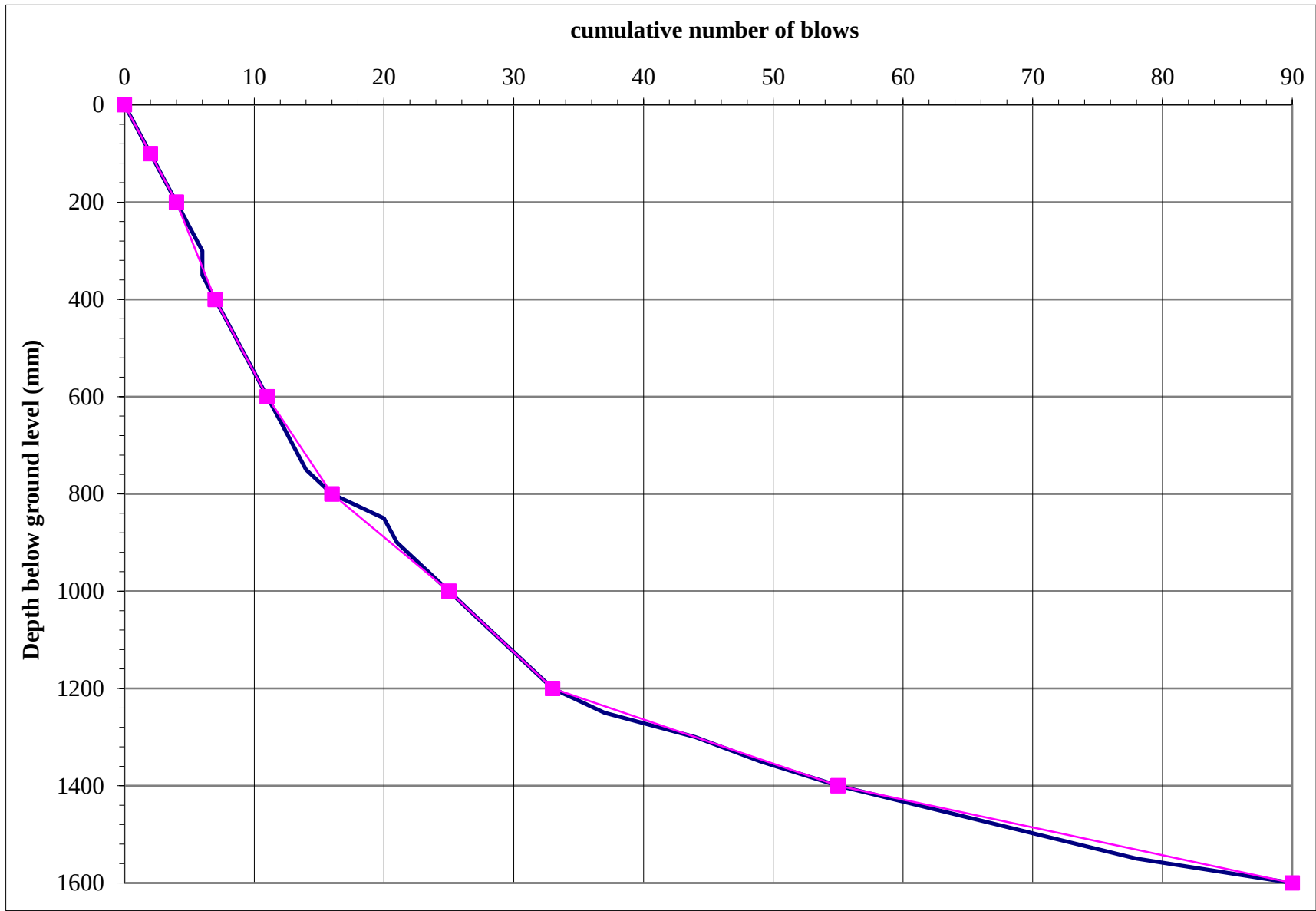
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	50	2.9
100 200	33	4.8
200 400	33	4.8
400 600	50	2.9
600 800	50	2.9
800 1000	29	5.9
1000 1200	10	22.5
1200 1400	8	28
1400 1600	6	46.0

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP236

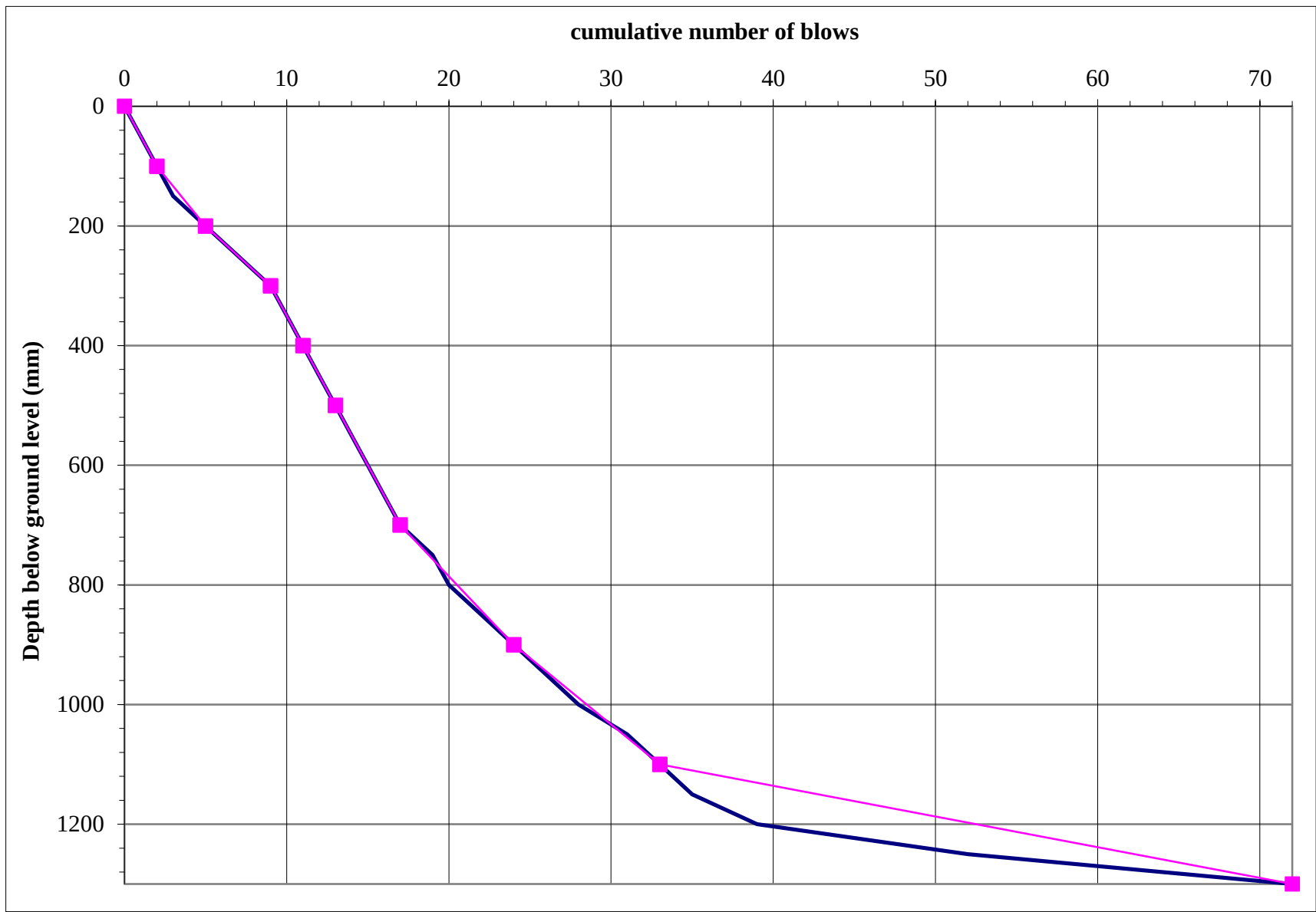
CBR estimated using Kleyn & Van Heerden (1983):
 Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	50	2.9
100		
100	50	2.9
200		
200	67	2.0
400		
400	50	2.9
600		
600	40	3.8
800		
800	22	8.1
1000		
1000	25	7.0
1200		
1200	9	25
1400		
1400	6	46.0
1600		

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP237

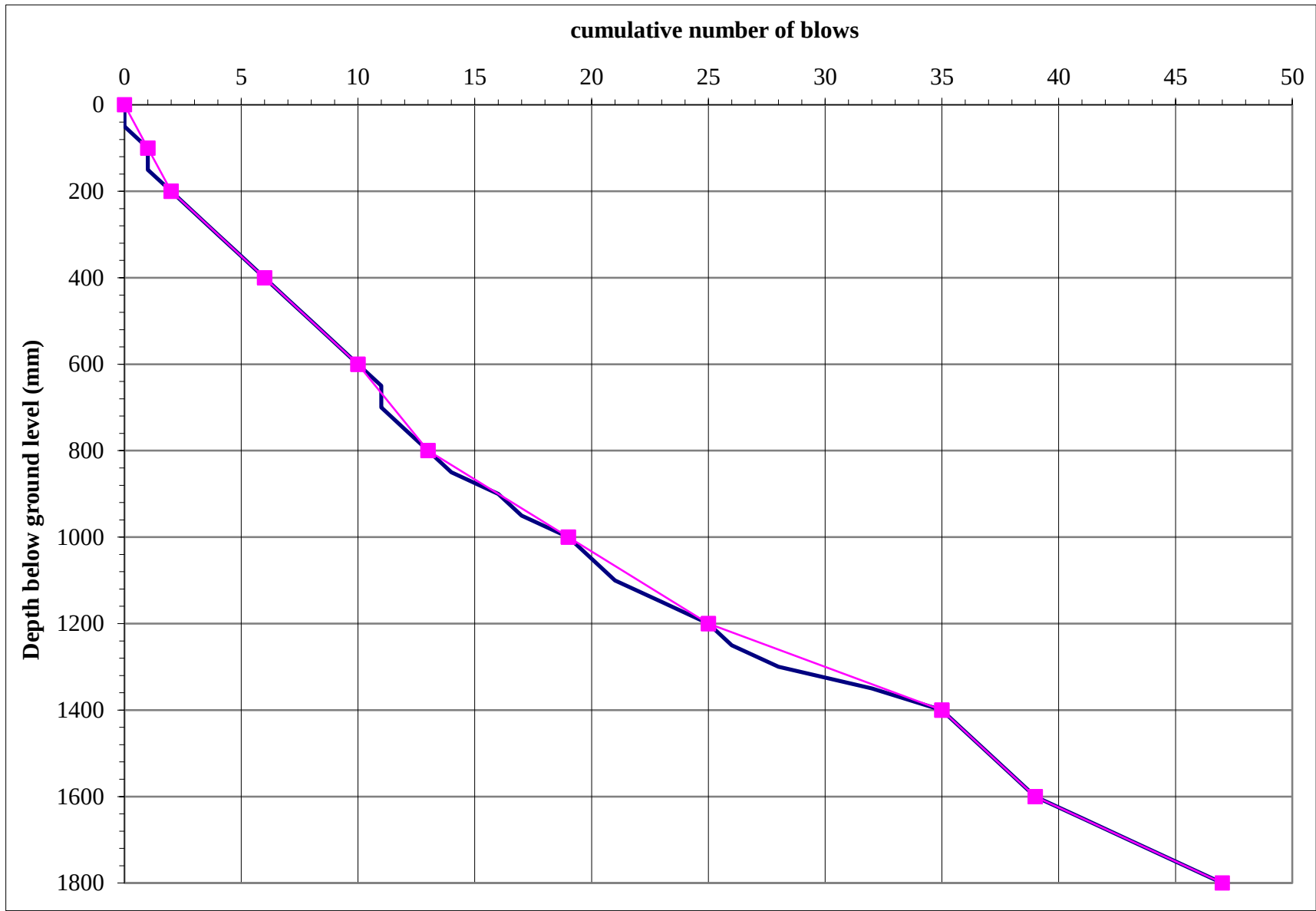
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	50	2.9
100 200	33	4.8
200 300	25	7.0
300 400	50	2.9
400 500	50	2.9
500 700	50	2.9
700 900	29	5.9
900 1100	22	8
1100 1300	5	52.9

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP238

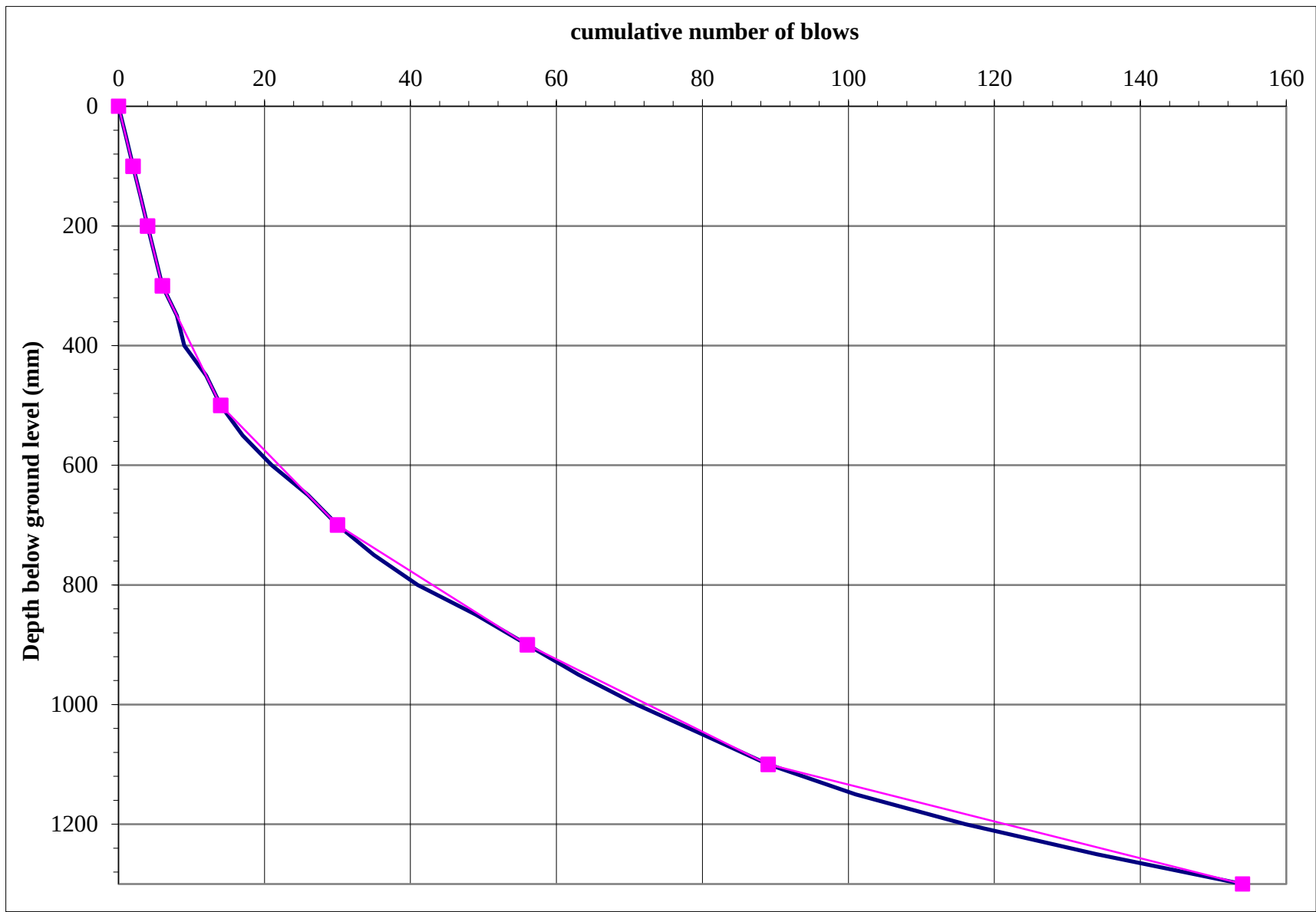
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	100	1.2
100 200	100	1.2
200 400	50	2.9
400 600	50	2.9
600 800	67	2.0
800 1000	33	4.8
1000 1200	33	4.8
1200 1400	20	9
1400 1600	50	2.9
1600 1800	25	7.0

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP239

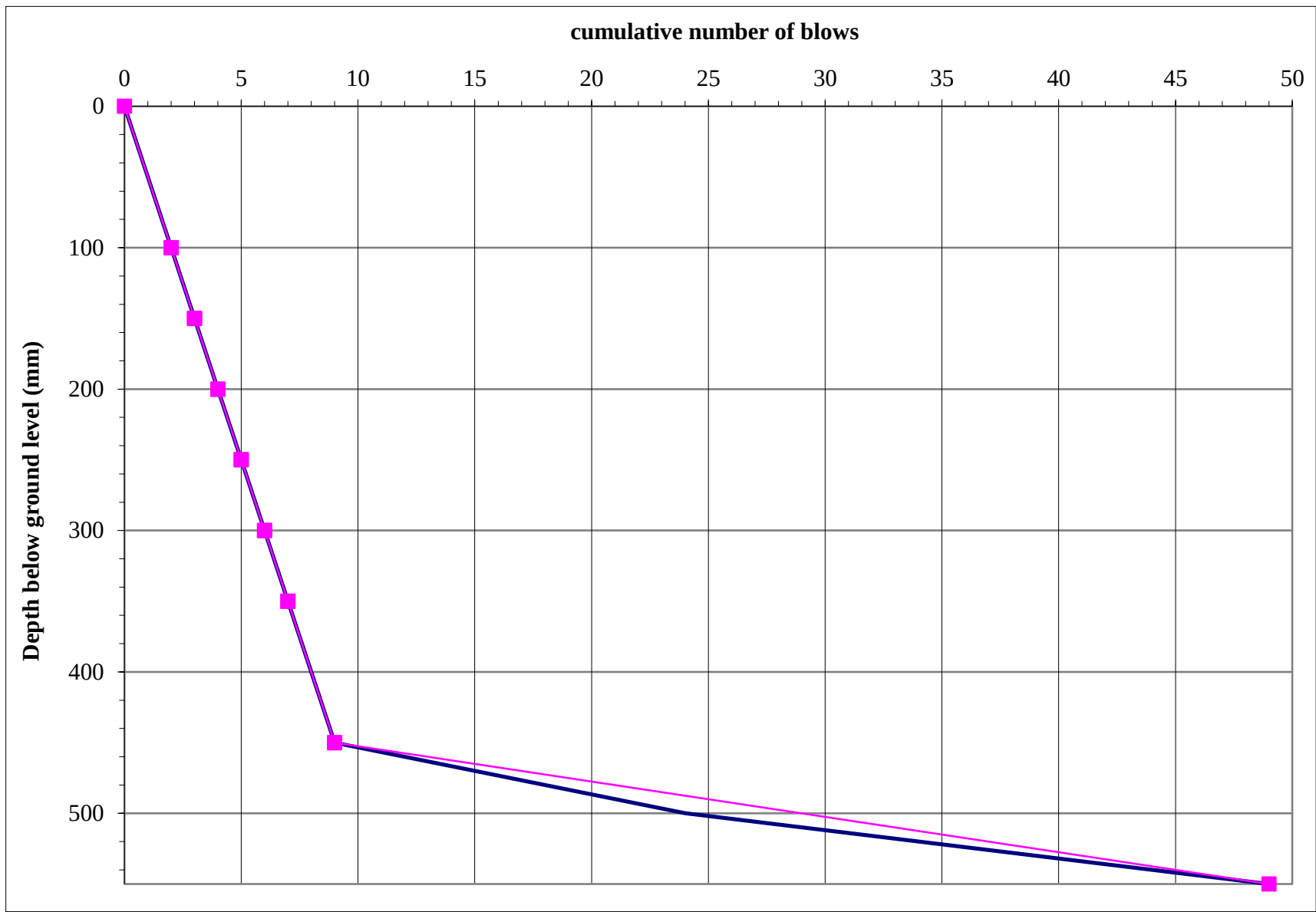
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	50	2.9
100		
100	50	2.9
200		
200	50	2.9
300		
300	25	7.0
500		
500	13	16.9
700		
700	8	31.5
900		
900	6	42.7
1100		
1100	3	102
1300		
0		
0		
0		
0		

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP240

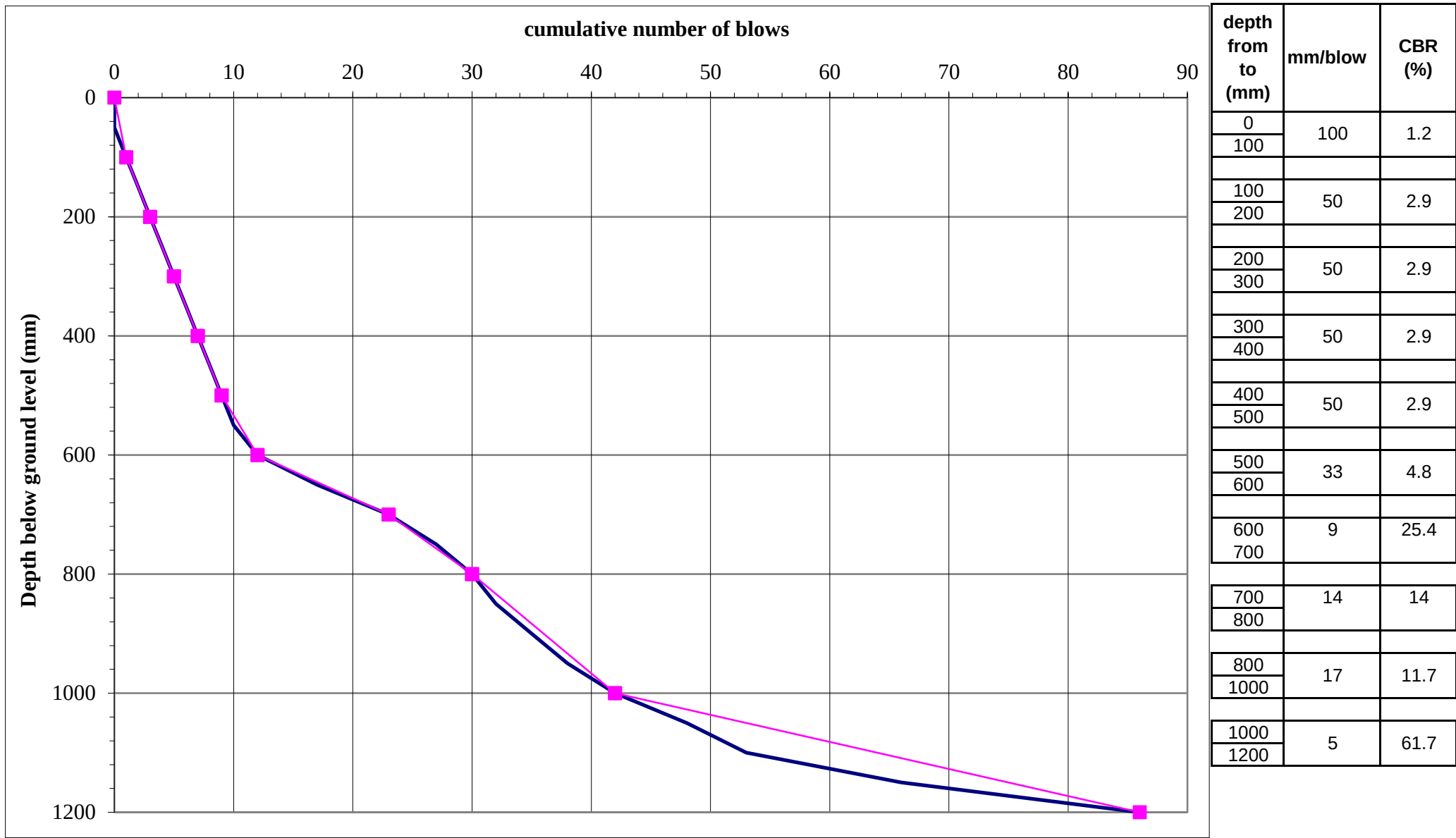
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	50	2.9
100 150	50	2.9
150 200	50	2.9
200 250	50	2.9
250 300	50	2.9
300 350	50	2.9
350 450	50	2.9
450 550	3	133

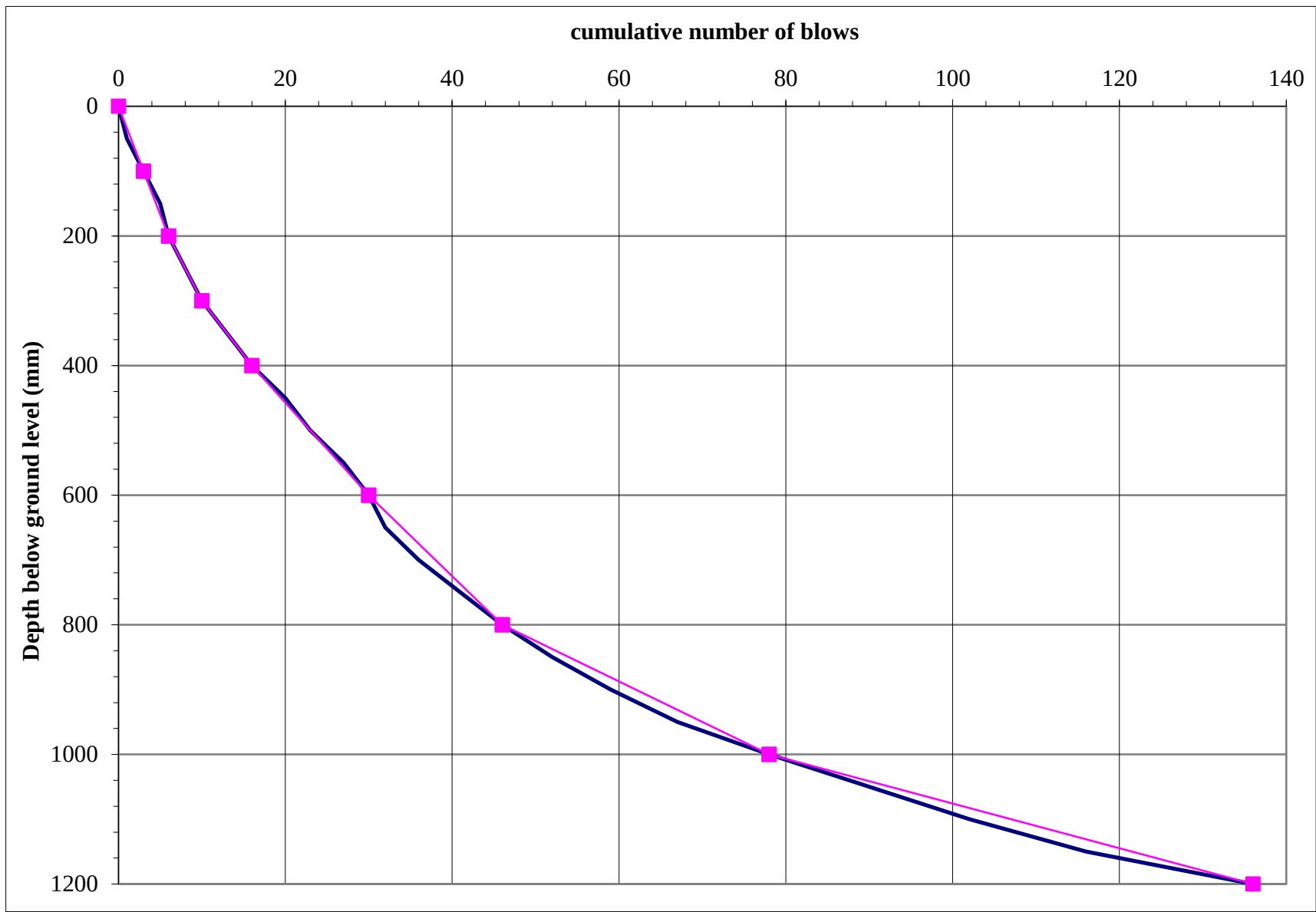
Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP205

CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP242

CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	33	4.8
100 200	33	4.8
200 300	25	7.0
300 400	17	11.7
400 600	14	14.2
600 800	13	16.9
800 1000	6	41.0
1000 1200	3	88
0 0		
0 0		

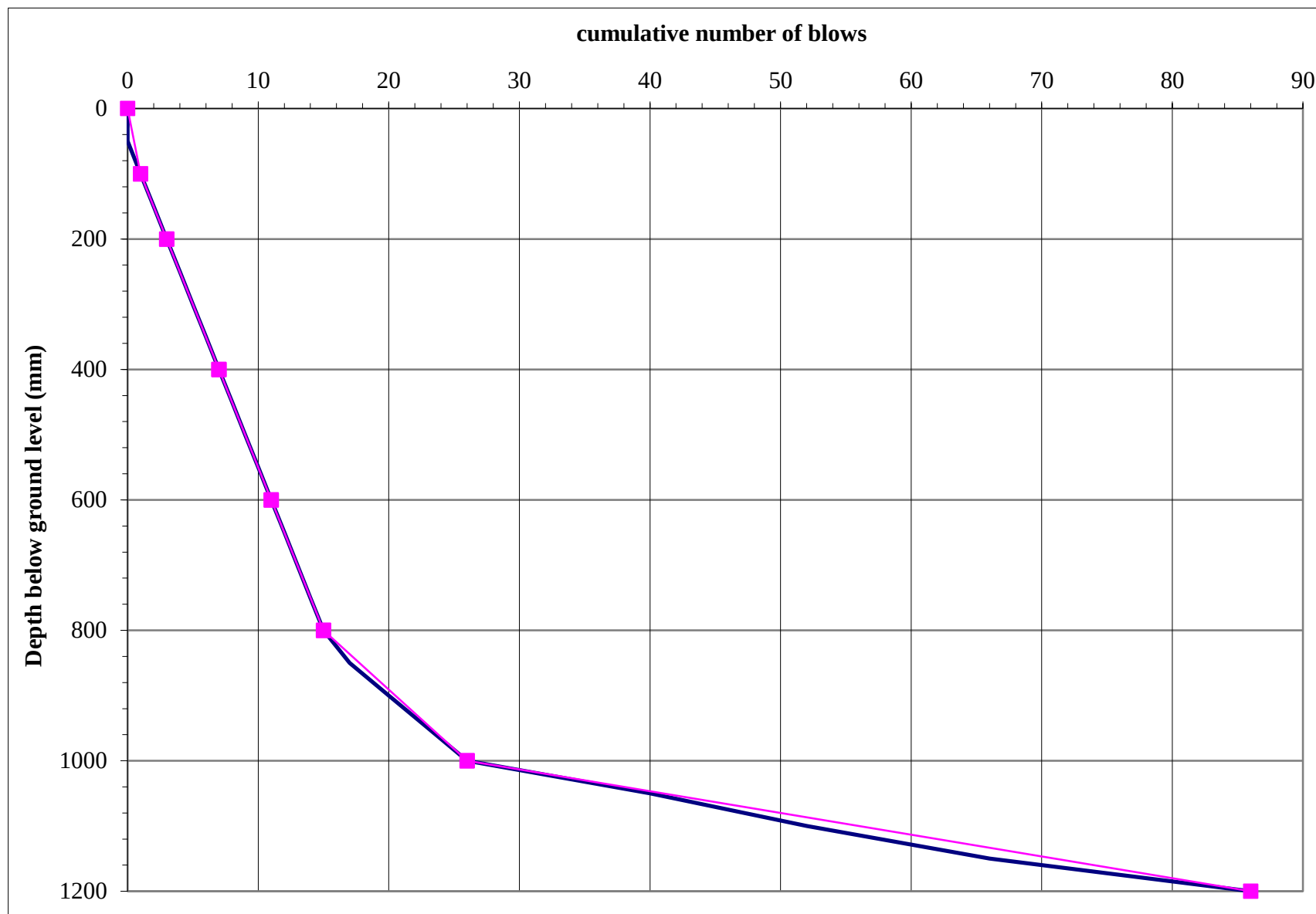
Dynamic Cone Penetrometer (DCP) test results and estimated CBR

Test Number: TP243

$$\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$$

Report No: J4175

Date: 30.01.2020



	depth from to (mm)	mm/blow	CBR (%)
	0	100	1.2
	100		
	100	50	2.9
	200		
	200	50	2.9
	400		
	400	50	2.9
	600		
	600	50	2.9
	800		
	800	18	10.5
	1000		
	1000	3	91.8
	1200		

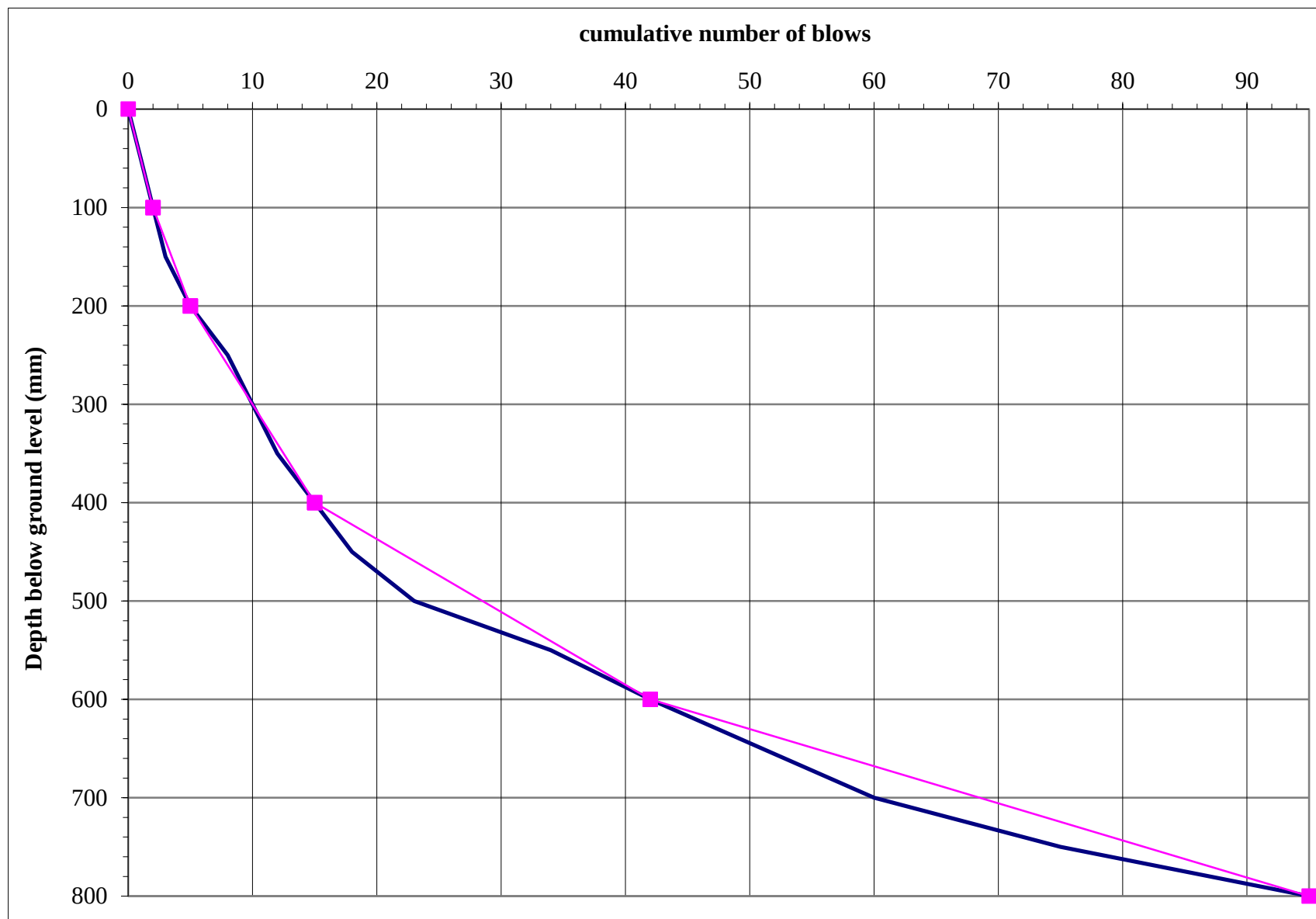
Dynamic Cone Penetrometer (DCP) test results and estimated CBR

Test Number: TP244

$$\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$$

Report No: J4175

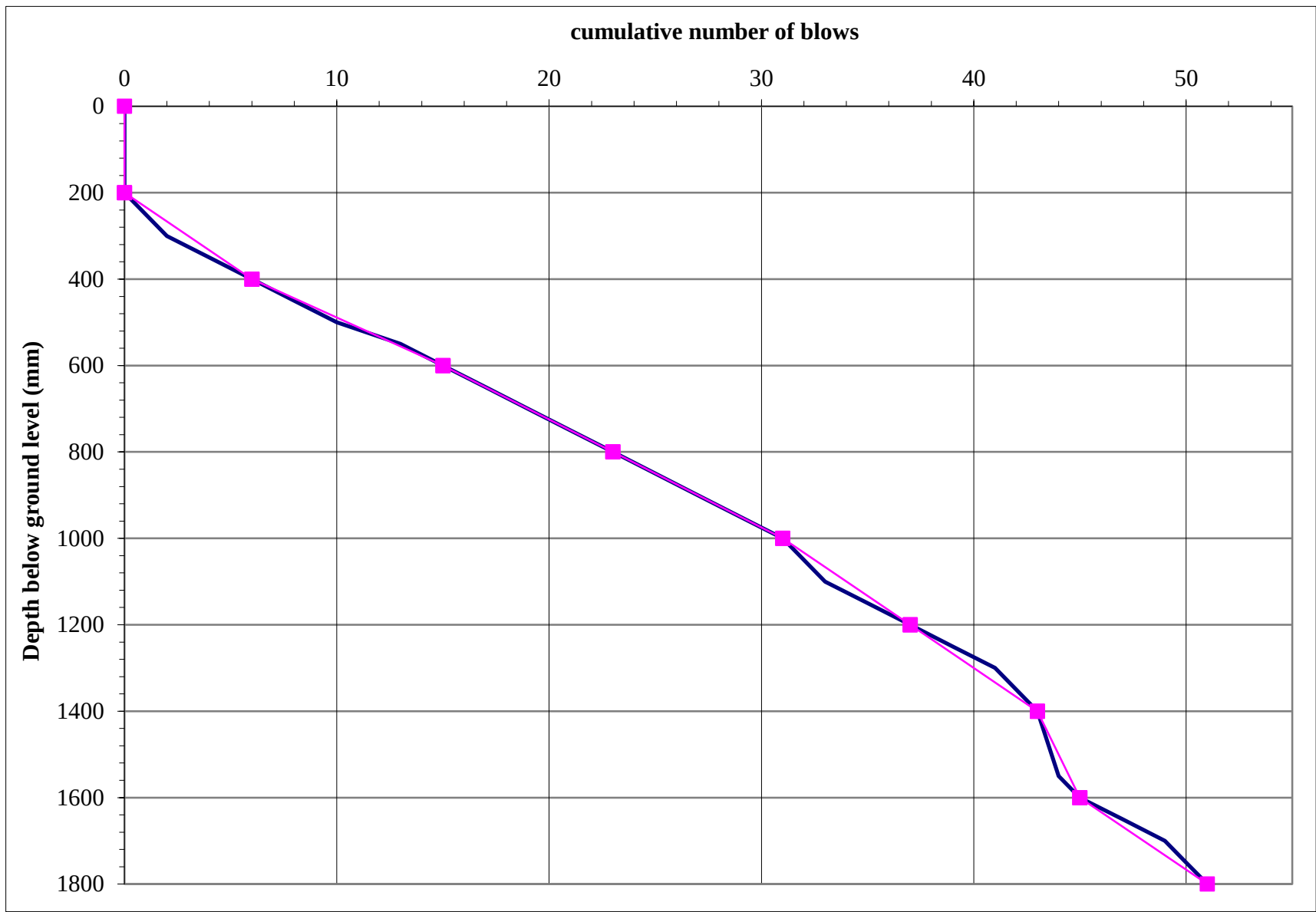
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	50	2.9
100		
100	33	4.8
200		
200	20	9.3
400		
400	7	33.0
600		
600	4	78.3
800		

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP245

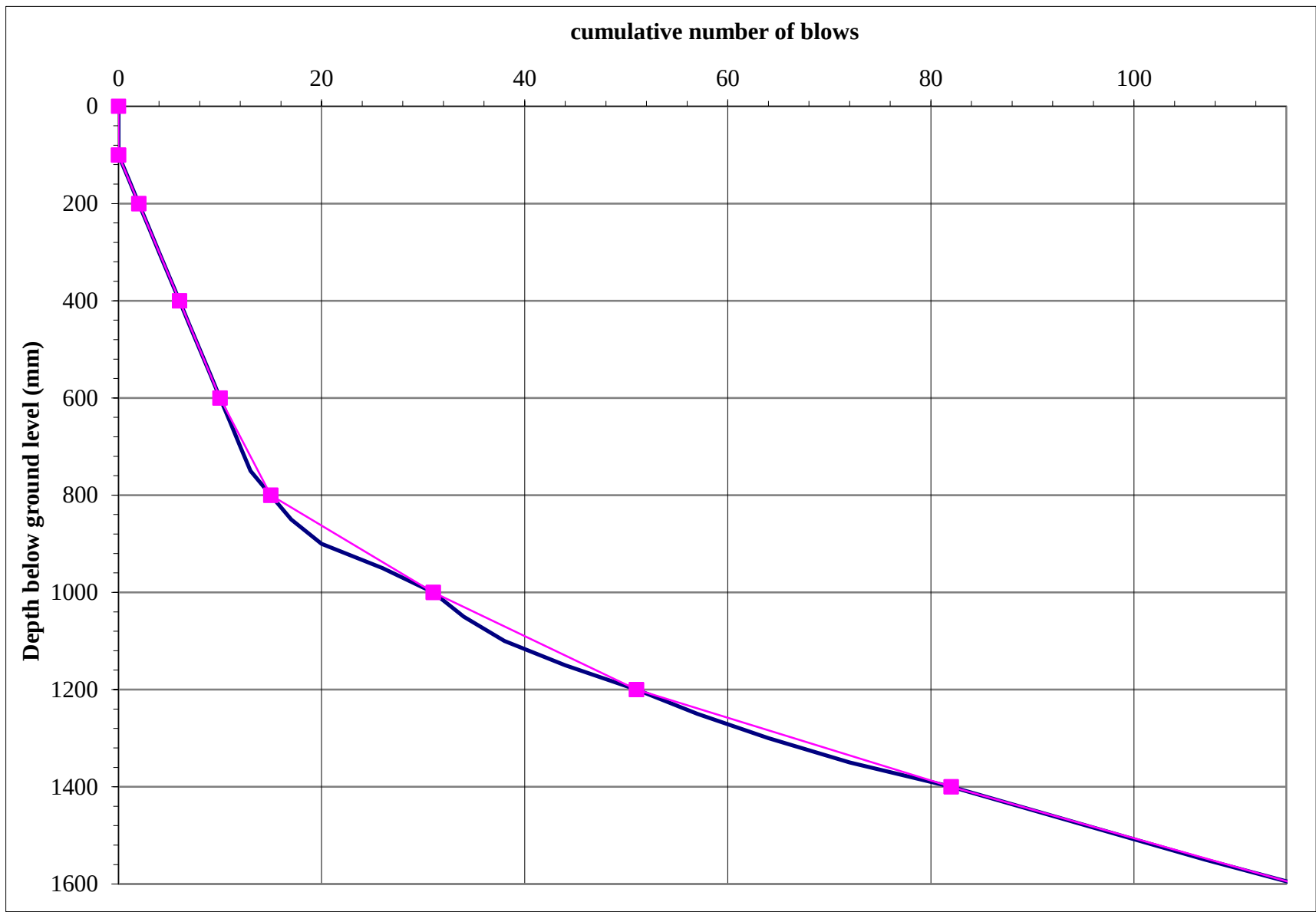
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	#DIV/0!	#DIV/0!
100 400	33	4.8
400 600	22	8.1
600 800	25	7.0
800 1000	25	7.0
1000 1200	33	4.8
1200 1400	33	4.8
1400 1600	100	1
1600 1800	33	4.8

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP246

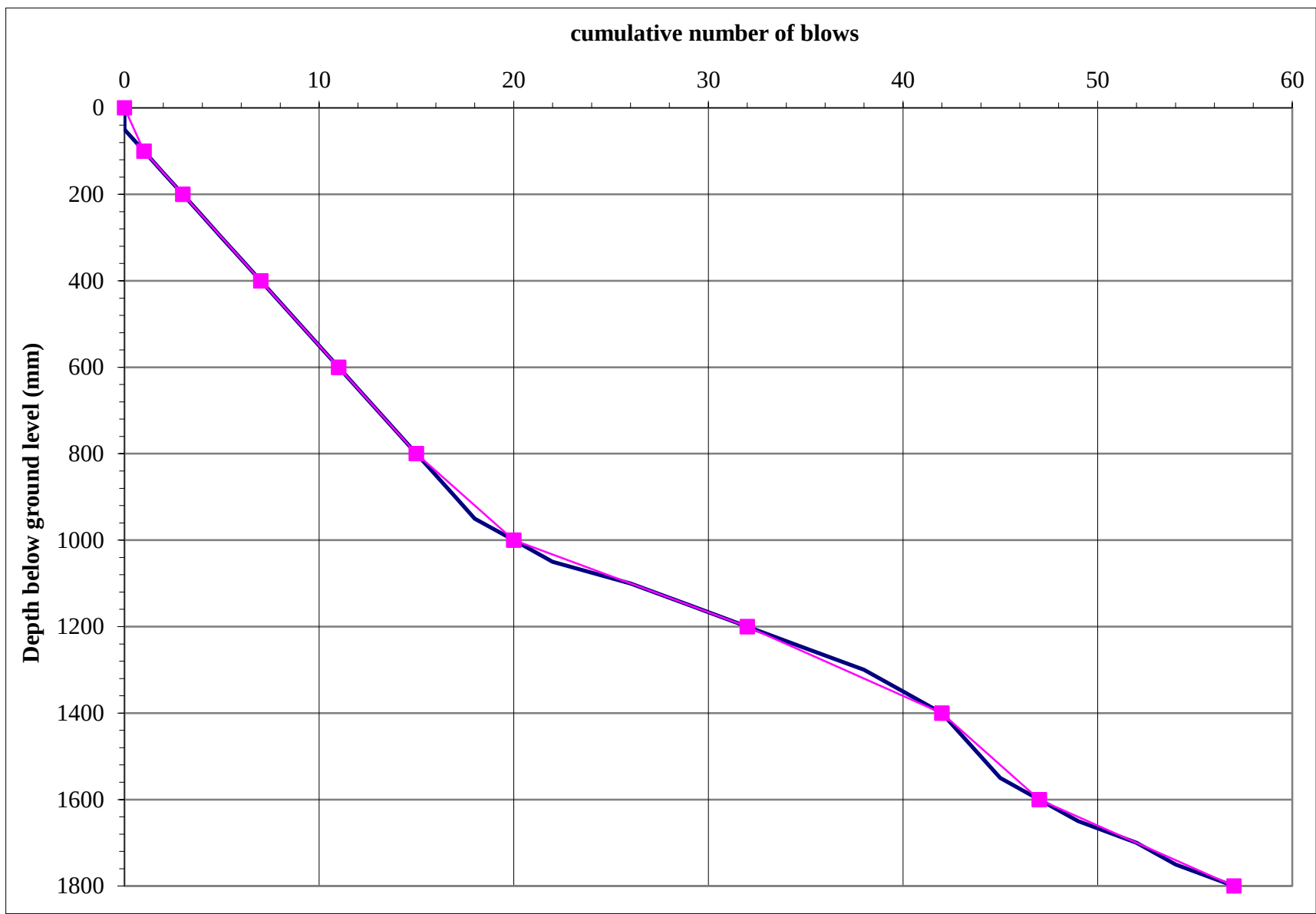
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 to 100	#DIV/0!	#DIV/0!
100 to 200	50	2.9
200 to 400	50	2.9
400 to 600	50	2.9
600 to 800	40	3.8
800 to 1000	13	16.9
1000 to 1200	10	22.5
1200 to 1400	6	39
1400 to 1600	6	44.4

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP247

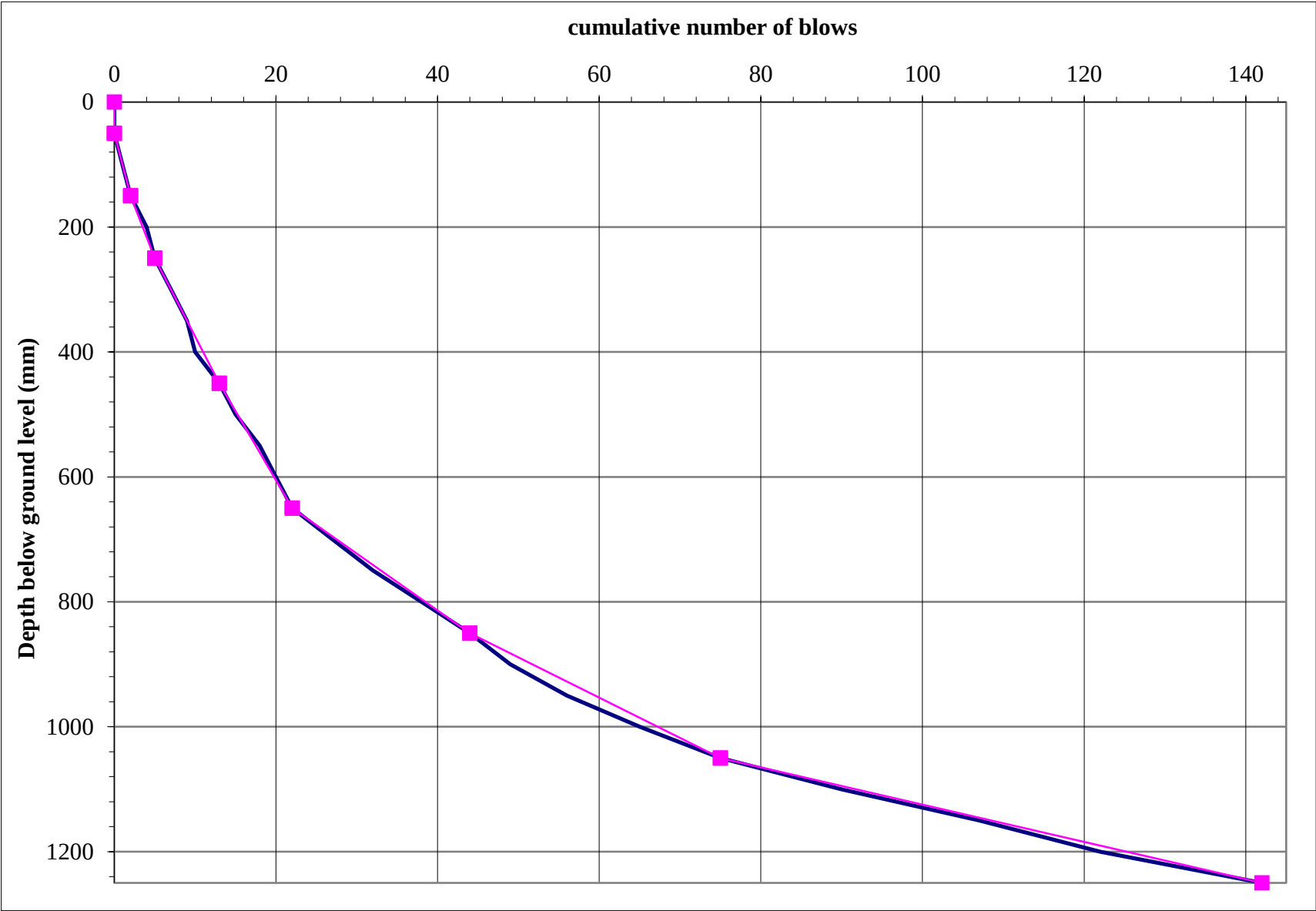
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	100	1.2
100 200	50	2.9
200 400	50	2.9
400 600	50	2.9
600 800	50	2.9
800 1000	40	3.8
1000 1200	17	11.7
1200 1400	20	9
1400 1600	40	3.8
1600 1800	20	9.3

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP248

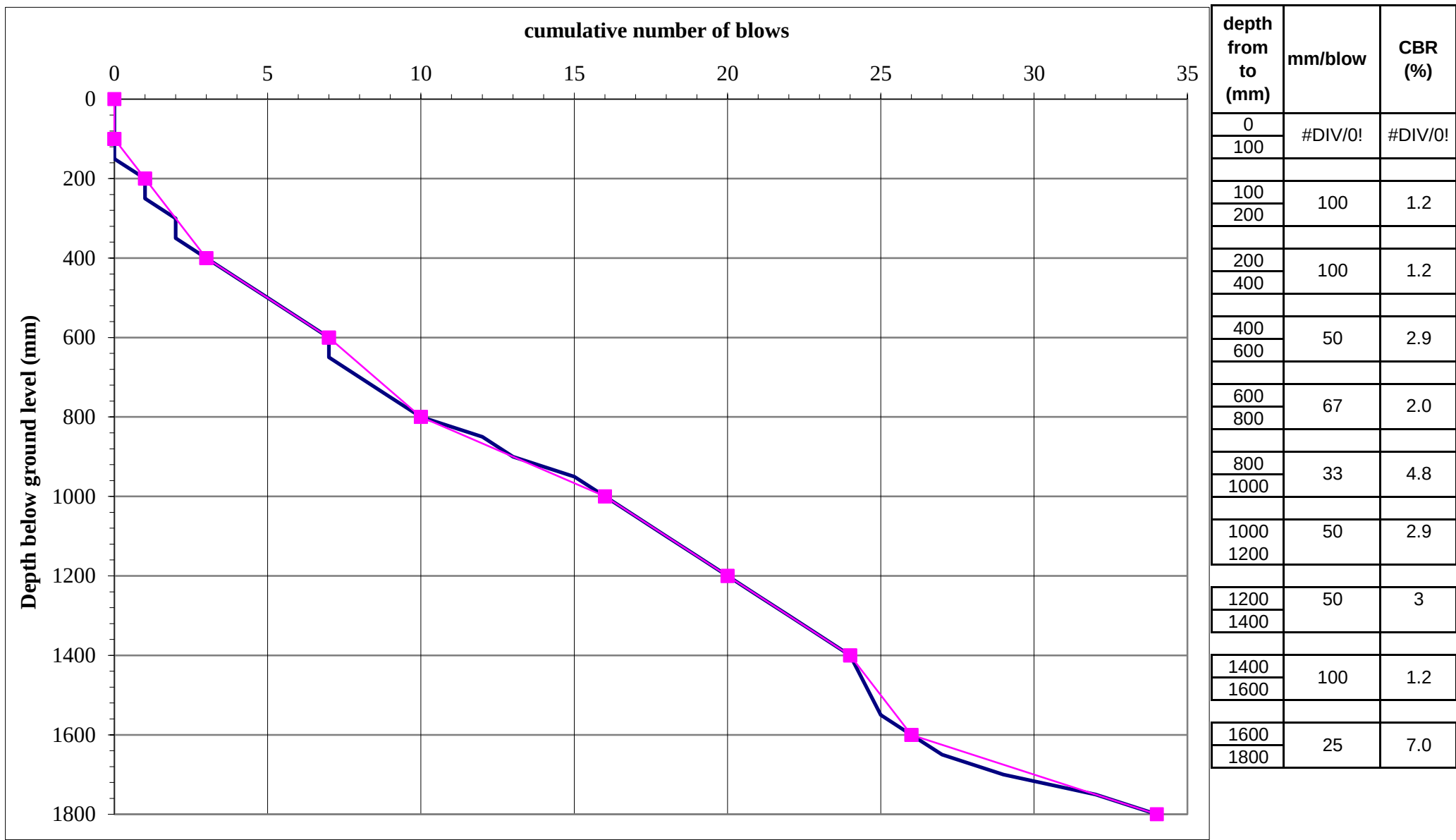
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	0	0.0
100		
100	50	2.9
150		
150	33	4.8
250		
250	25	7.0
450		
450	22	8.1
650		
650	9	25.4
850		
850	6	39.4
1050		
1050	3	106
1250		
0		
0		
0		
0		

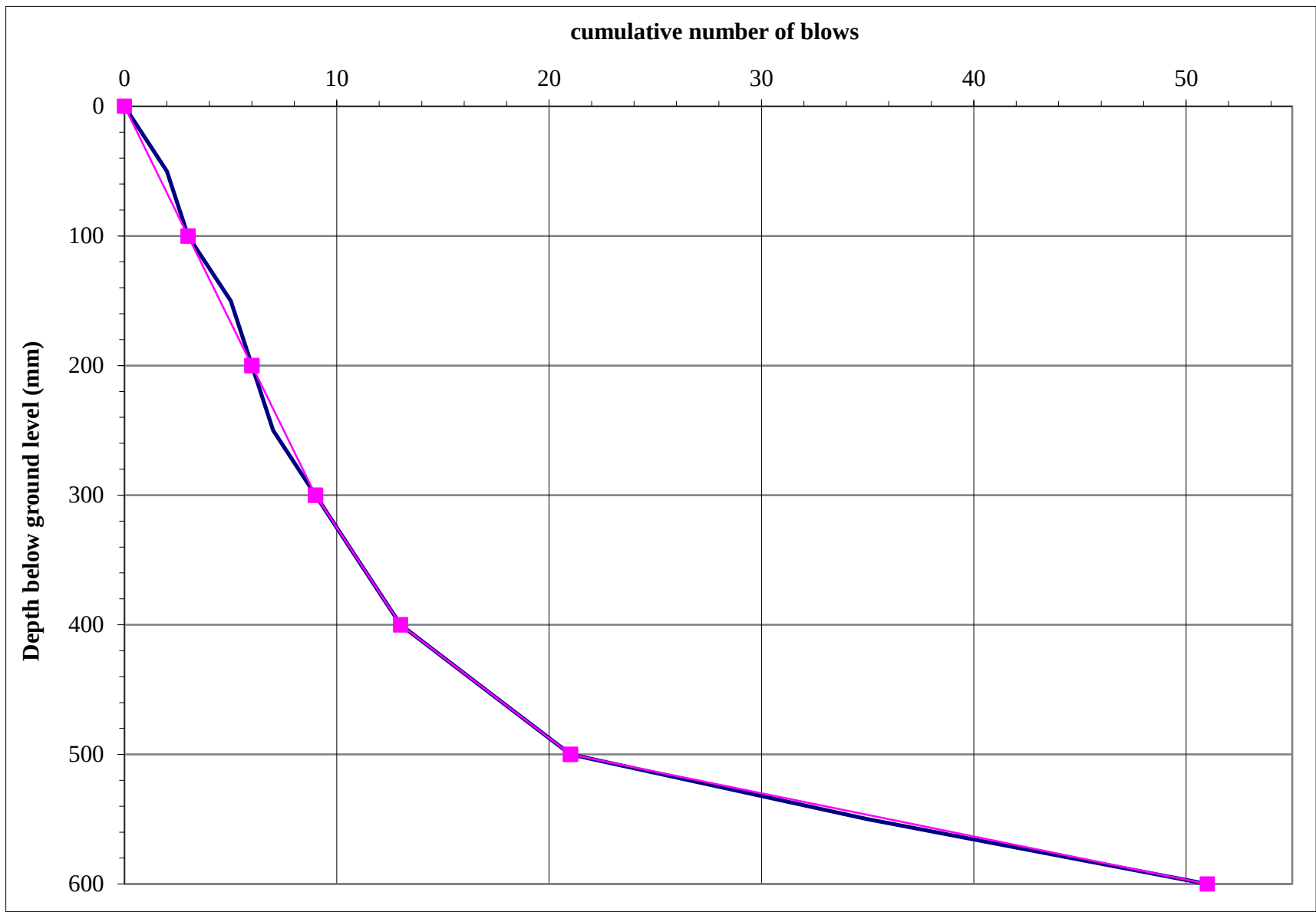
Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP249

CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP250

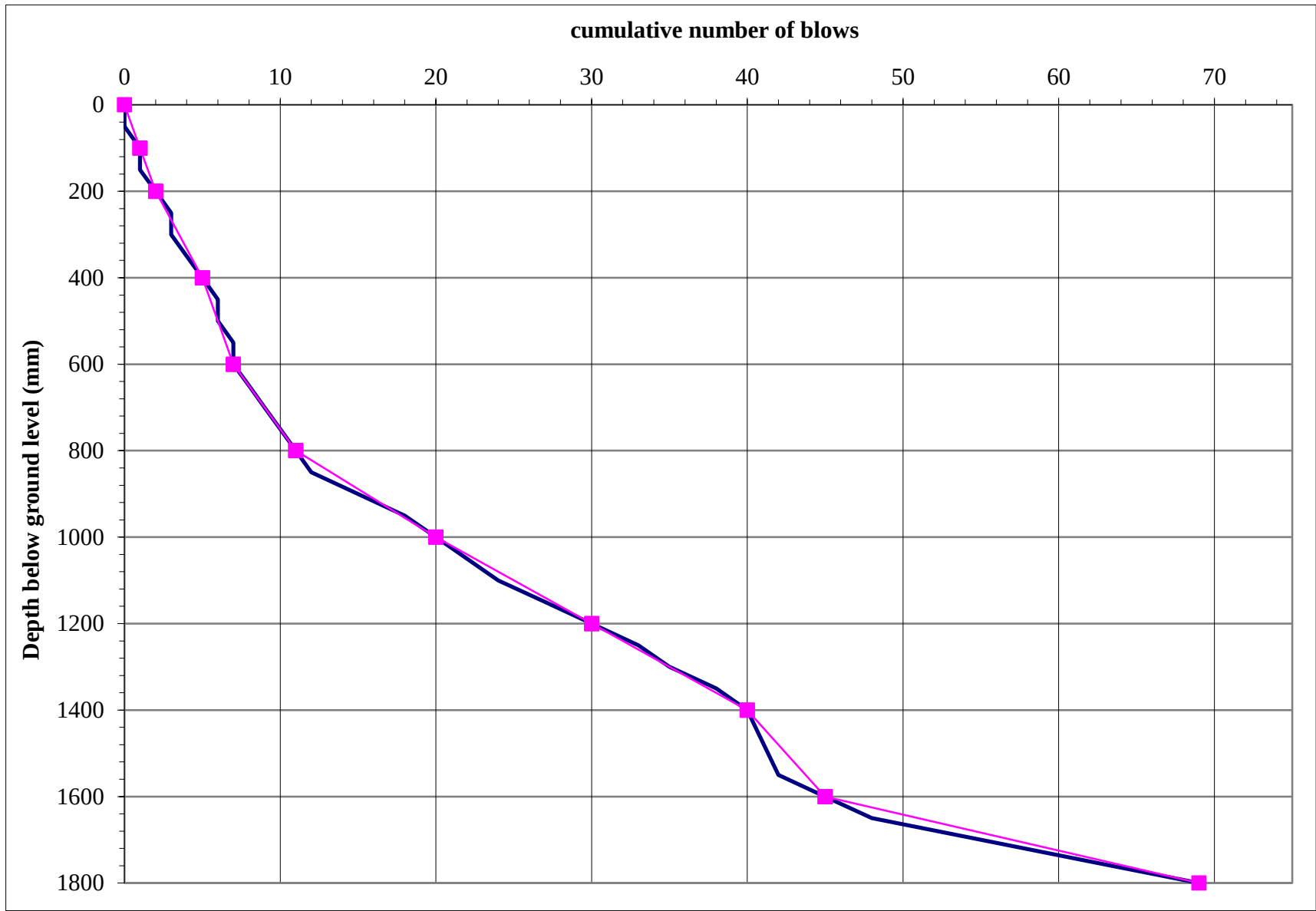
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	33	4.8
100 200	33	4.8
200 300	33	4.8
300 400	25	7.0
400 500	13	16.9
500 600	3	91.8

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP251

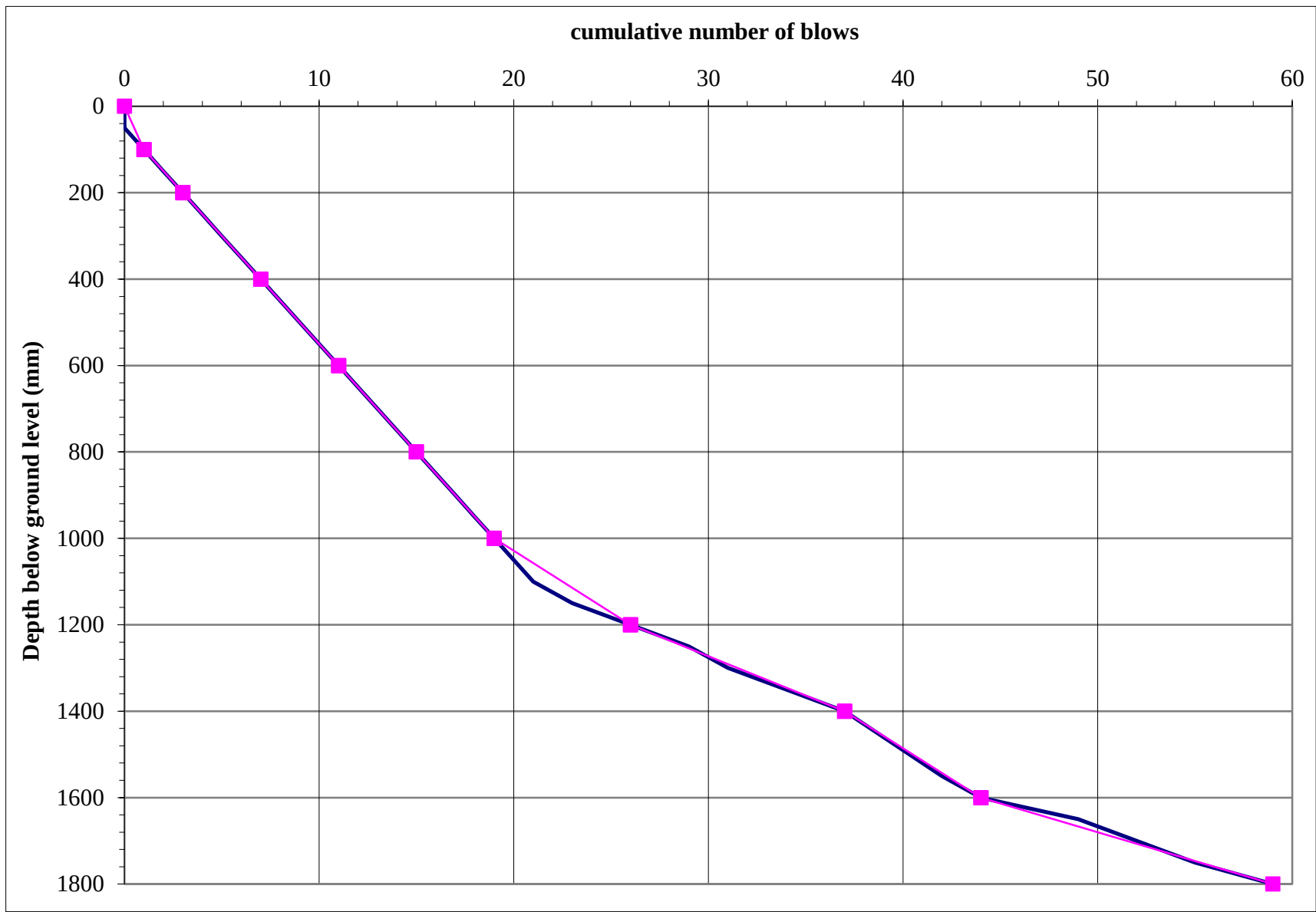
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	100	1.2
100		
100	100	1.2
200		
200	67	2.0
400		
400	100	1.2
600		
600	50	2.9
800		
800	22	8.1
1000		
1000	20	9.3
1200		
1200	20	9
1400		
1400	40	3.8
1600		
1600	8	28.4
1800		

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP252

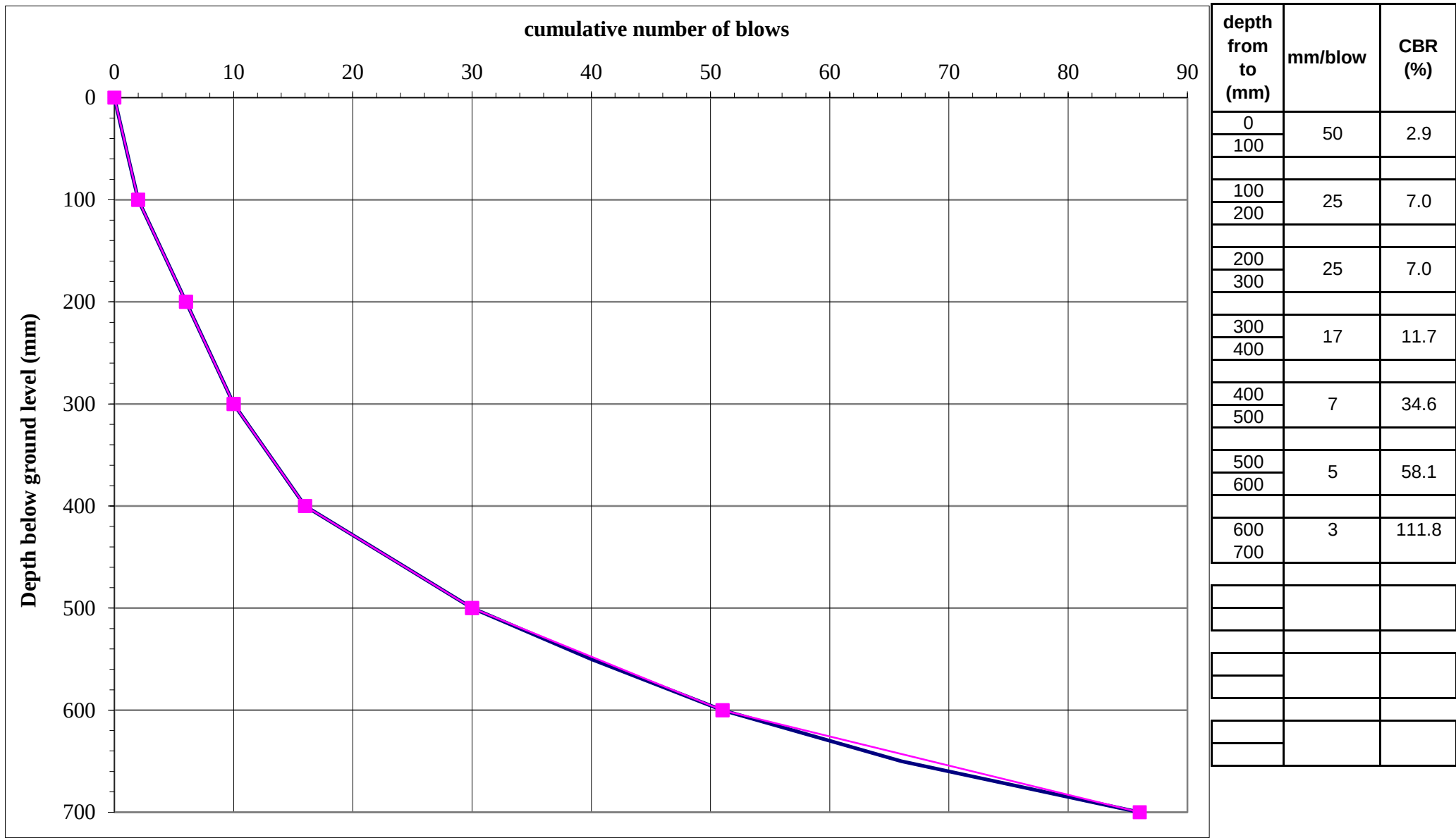
CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	100	1.2
100 200	50	2.9
200 400	50	2.9
400 600	50	2.9
600 800	50	2.9
800 1000	50	2.9
1000 1200	29	5.9
1200 1400	18	10
1400 1600	29	5.9
1600 1800	13	15.6

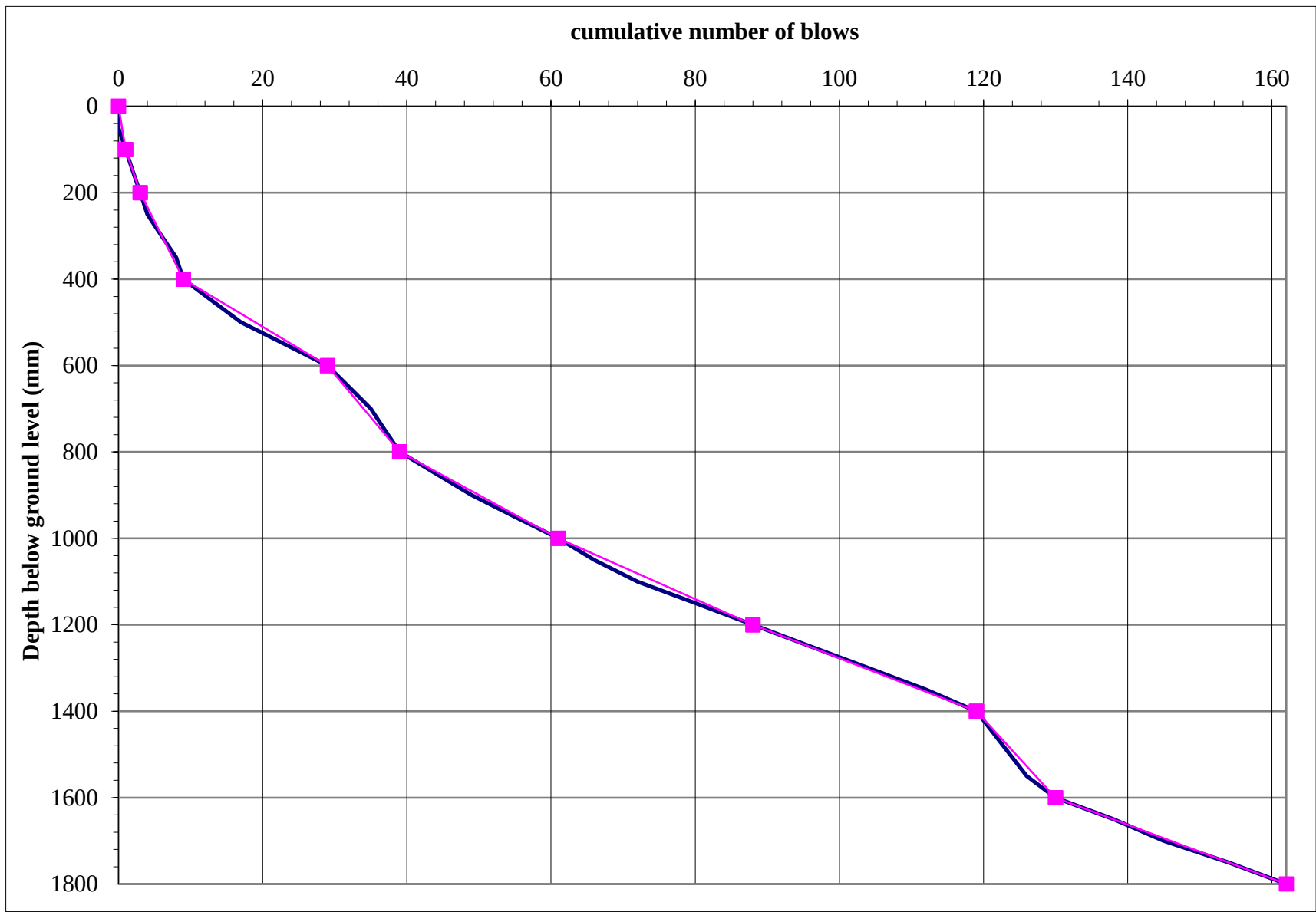
Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP253

CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP254

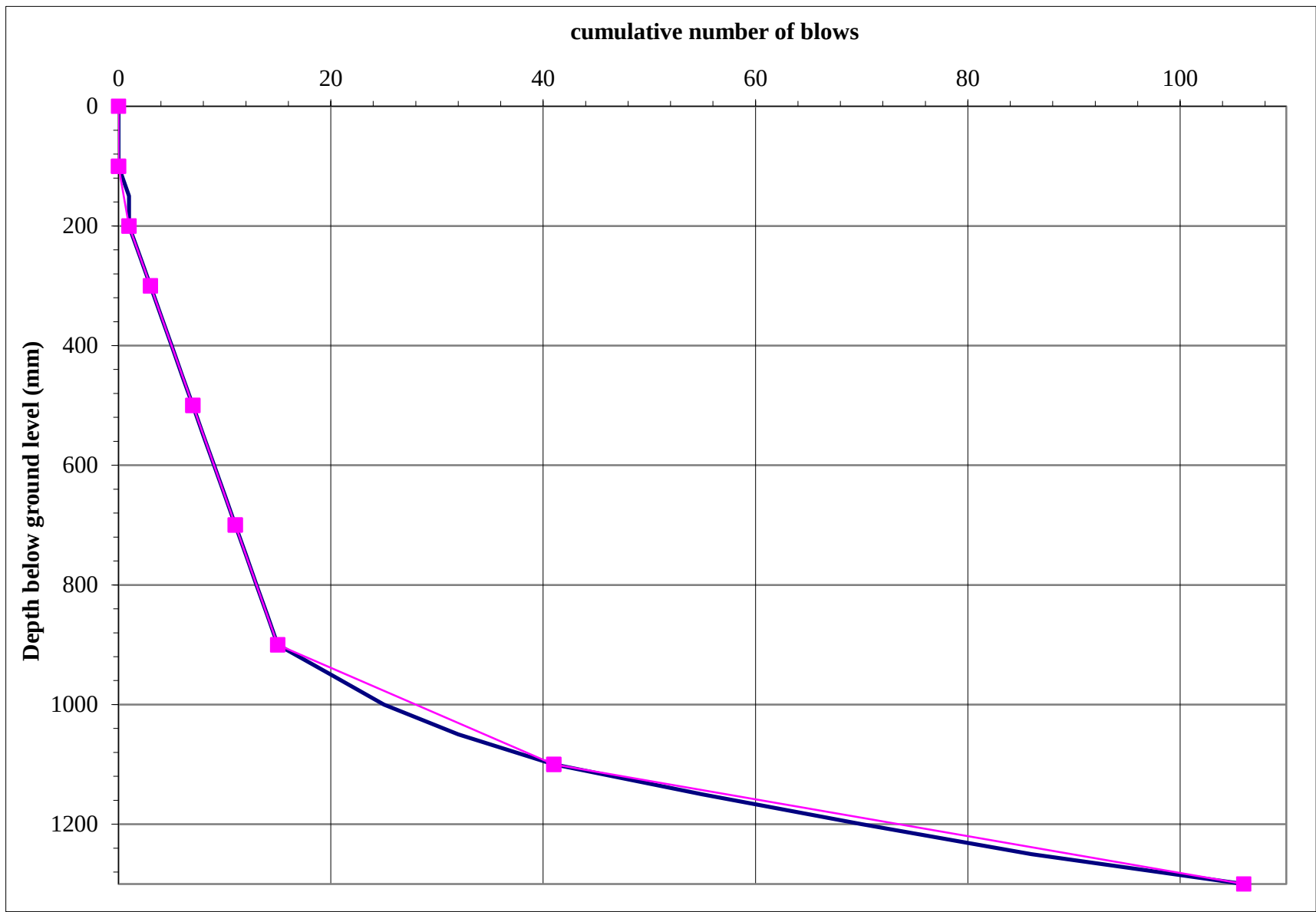
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	100	1.2
100 200	50	2.9
200 400	33	4.8
400 600	10	22.5
600 800	20	9.3
800 1000	9	25.4
1000 1200	7	33.0
1200 1400	6	39
1400 1600	18	10.5
1600 1800	6	41.0

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP255

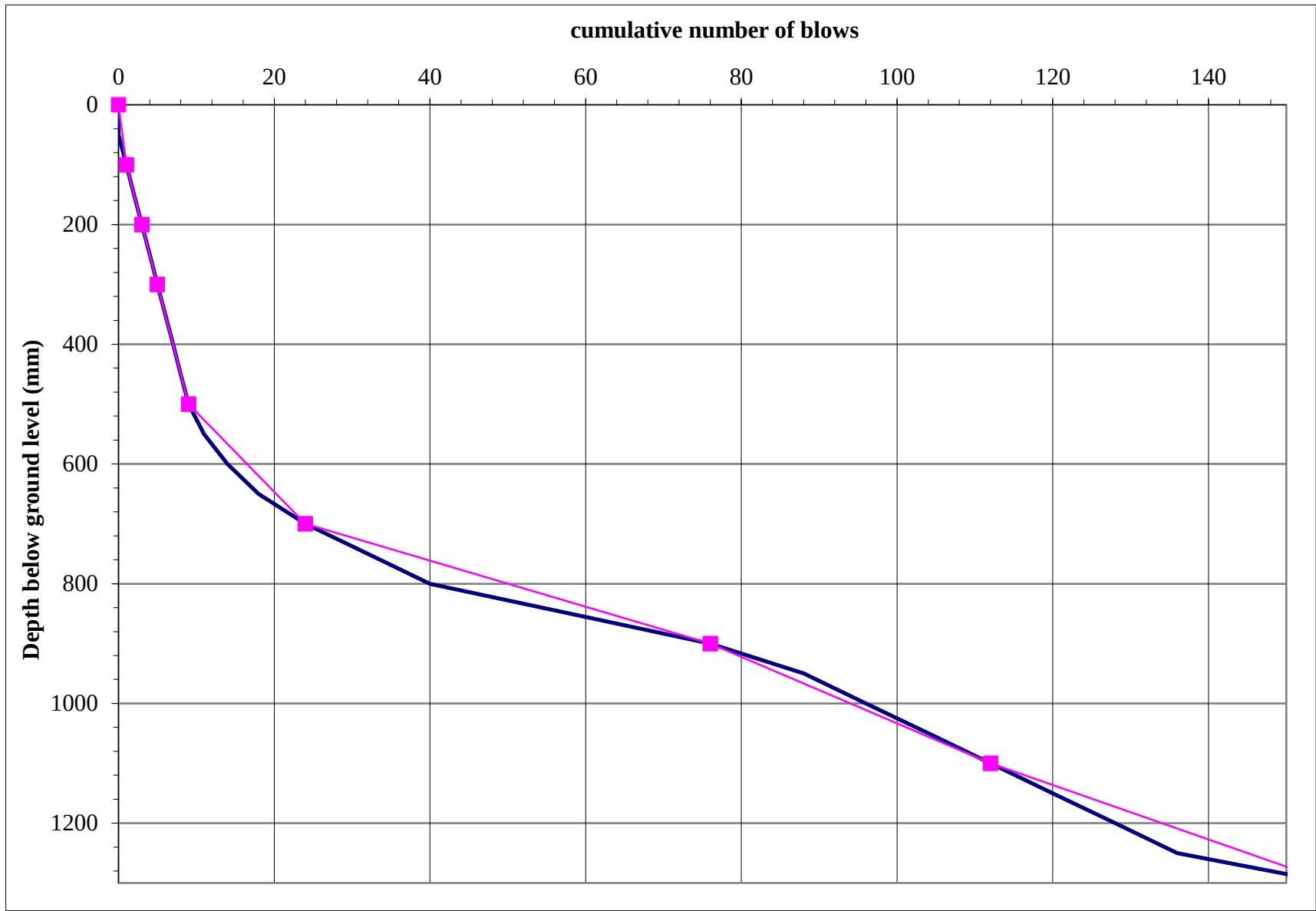
CBR estimated using Kleyn & Van Heerden (1983):
 Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	#DIV/0!	#DIV/0!
100		
100	100	1.2
200		
200	50	2.9
300		
300	50	2.9
500		
500	50	2.9
700		
700	50	2.9
900		
900	8	31.5
1100		
1100	3	102
1300		

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP256

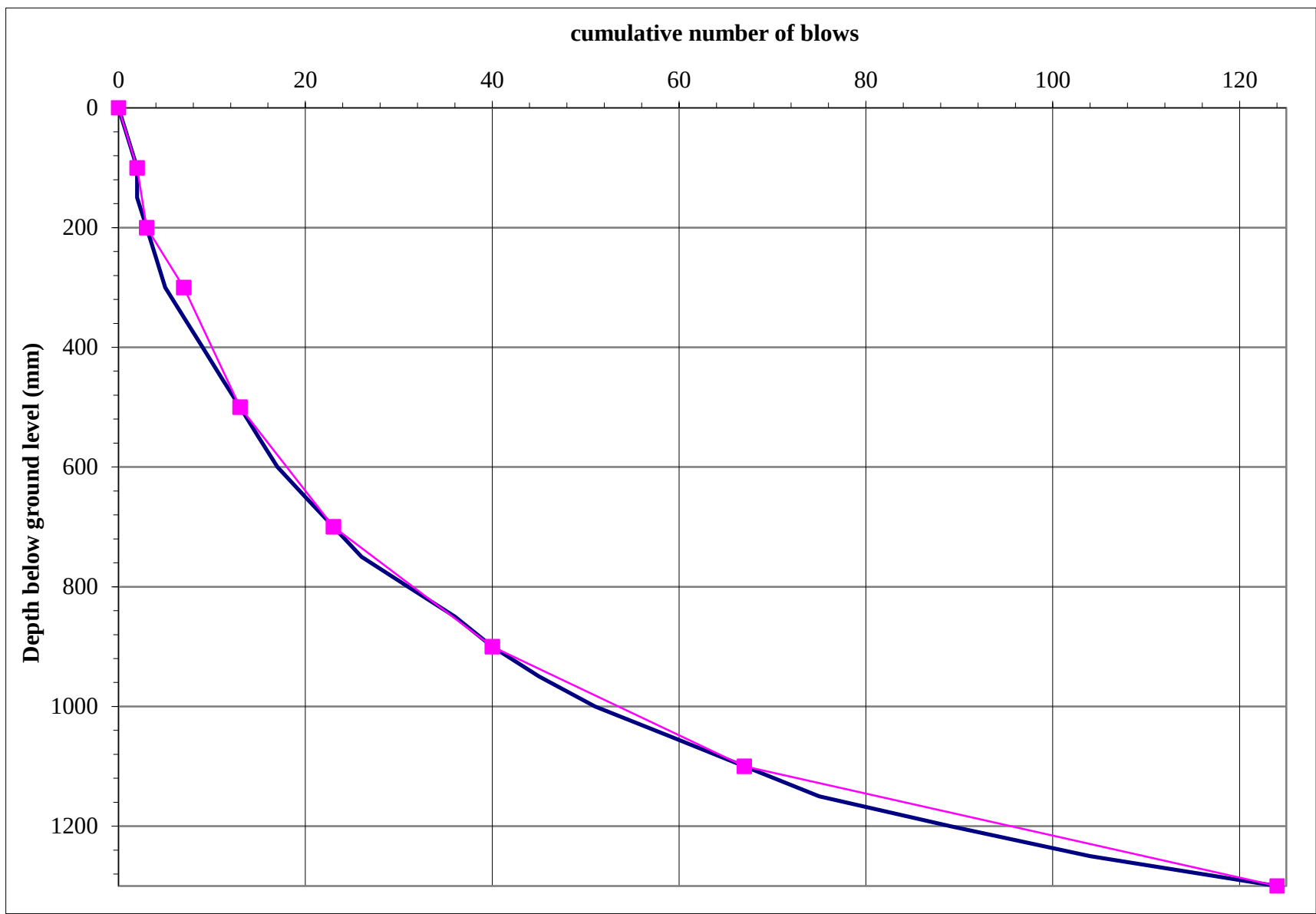
CBR estimated using Kleyn & Van Heerden (1983):
 $\text{Log CBR} = 2.632 - 1.28 \text{ Log (mm/blow)}$
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0	100	1.2
100		
100	50	2.9
200		
200	50	2.9
300		
300	50	2.9
500		
500	13	15.6
700		
700	4	76.4
900		
900	6	47.7
1100		
1100	5	62
1300		

Endeavour Drilling Ltd.
Dynamic Cone Penetrometer (DCP) test results and estimated CBR
Project: Land North of Horsham
Test Number: TP257

CBR estimated using Kleyn & Van Heerden (1983):
Log CBR = 2.632-1.28 Log (mm/blow)
Report No: J4175
Date: 30.01.2020



depth from to (mm)	mm/blow	CBR (%)
0 100	50	2.9
100 200	100	1.2
200 300	25	7.0
300 500	33	4.8
500 700	20	9.3
700 900	12	18.3
900 1100	7	33.0
1100 1300	4	86

APPENDIX G

Soakaway Test Results



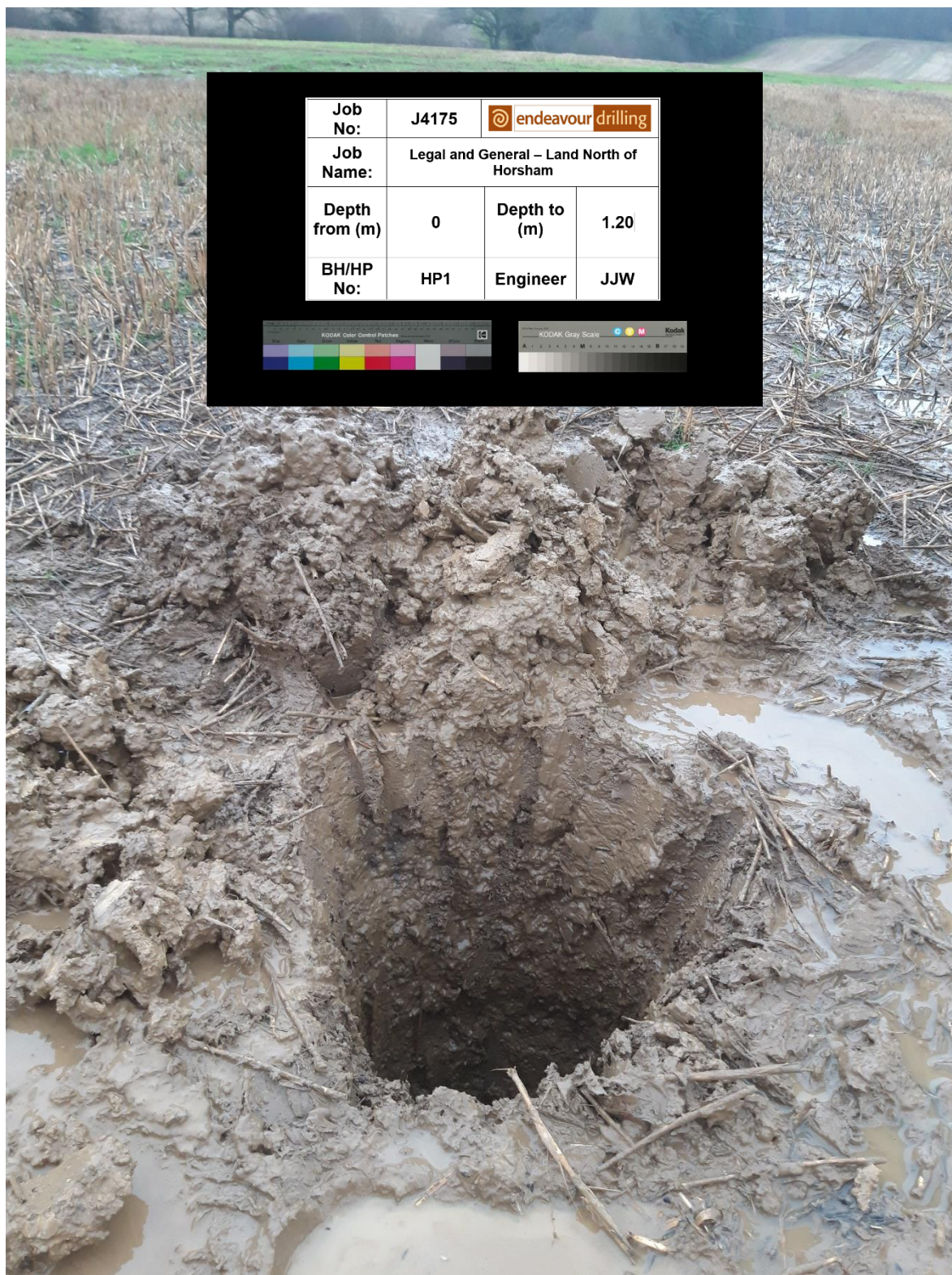
SOAKAWAY TEST IN TRIAL PIT

PROJECT	J4175 Land North of Horsham		DATE	04.12.19	
CLIENT	PBA/Stantec		TRIAL PIT NO.	TP202	Test 1
PIT DETAILS					
Sidewall Stability		Unstable	Pit infilled Y/N		Yes 20mm gravel to 0.6m
Depth:		3.0m	Width		0.7m
			Length		2.4m
WATER LEVEL BEFORE TEST			Dry	START TIME 10:22:00	
ELAPSED TIME (min:sec)	WATER LEVEL BELOW GROUND LEVEL (m)	ELAPSED TIME (min:sec)	WATER LEVEL BELOW GROUND LEVEL (m)	ELAPSED TIME (min:sec)	WATER LEVEL BELOW GROUND LEVEL (m)
0	1.650	120	1.655	960	1.545
0.5	1.680	180	1.635	1020	1.545
1	1.680	240	1.620	1080	1.540
2	1.685	300	1.610	1140	1.540
3	1.690	360	1.600	1200	1.535
4	1.690	420	1.595	1260	1.535
5	1.690	480	1.585	1320	1.530
10	1.690	540	1.580	1380	1.530
15	1.690	600	1.570	1440	1.525
20	1.690	660	1.565		
30	1.685	720	1.565		
45	1.680	780	1.560		
60	1.680	840	1.555		
90.0	1.665	900	1.550		
TEST CARRIED OUT BY: RAF		REMARKS: Water level rose due to groundwater ingress			

APPENDIX H

Hand Excavated Trial Pit Records

	Contract Name: Land North of Horsham			Client: Legal & General			Trial Pit ID: HP101				
	Contract Number: J4175	Date Started: 17/12/2019	Logged By: JJW	Checked By: MJS	Status: PRELIM	Sheet 1 of 1					
Trial Pit Log	Easting:	Northing:	Ground Level:	Plant Used: Hand Tools	Date Printed: 17/01/2020	Scale: 1:30					
Weather: Occasional showers		Termination: Reached target depth.			Stability: Good						
Samples & In Situ Testing			Strata Details				Water	Backfill			
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description					
0.10	ES1			(0.30)		TOP SOIL - Dark brown slightly gravelly silty sandy CLAY. Gravel is fine to coarse sub-angular to sub-rounded of brick.	1				
0.50	ES2			0.30		Firm dark brown mottled black and orange slightly silty sandy slightly gravelly CLAY. Gravel is fine to medium sub-angular of extremely weak mudstone. (RESIDUAL WEALD CLAY FORMATION)					
				(0.90)							
				1.20		End of Trial Pit at 1.20m					
Dimensions:						General Remarks:					
Final Depth: 1.20m						1. Inspection pit hand excavated to 1.20mbgl. 2. No groundwater encountered. 3. Backfilled with arisings on completion.					
← Length (m) → 0.30m ↑ Width (m) ↓ 0.30m Orientation: ° ←											
Inclination: °											
						Water Strikes					
						Strike (m)	Casing (m)	Sealed (m)	Time (mins)	Rose to (m)	Remarks
						HBSI TP Template Issue Number: 1 Issue Date: 09/06/2015					



HP1 – 0.0mbgl – 1.20mbgl



HP1 – 0.0mbgl – 1.20mbgl

