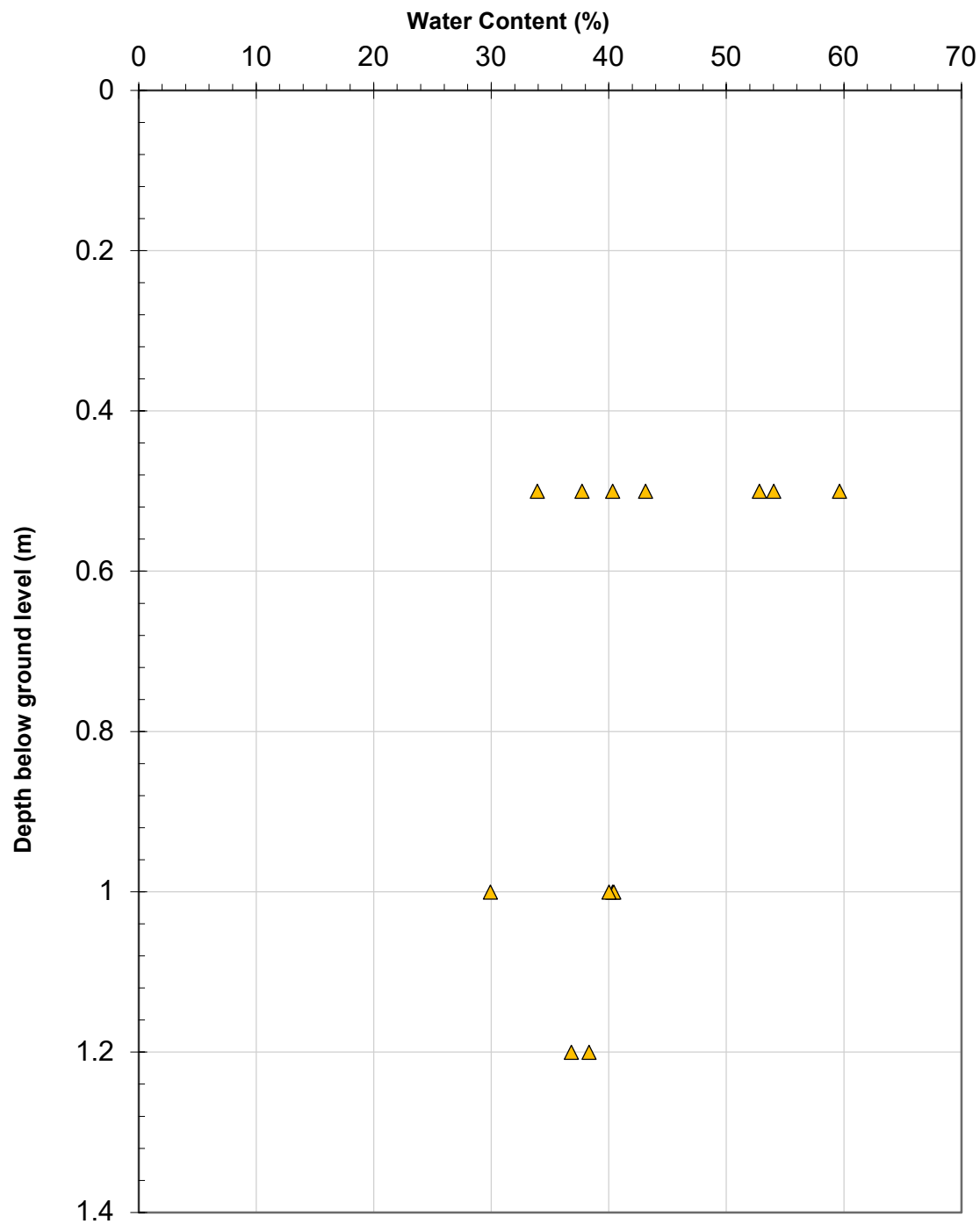


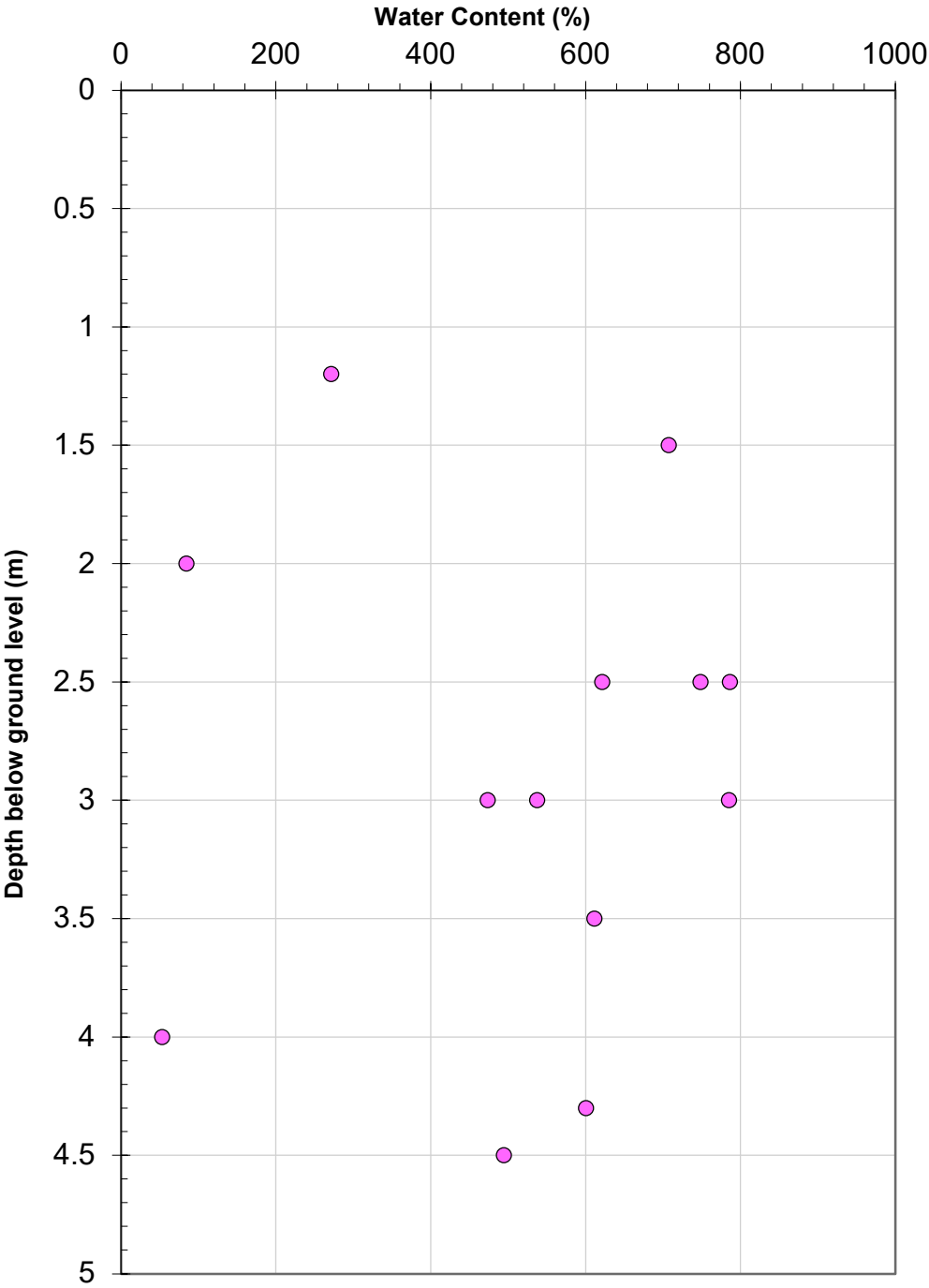
Appendix B. Graphical Plots

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	Moisture Content (%) vs Depth (m) - TFD Cohesive



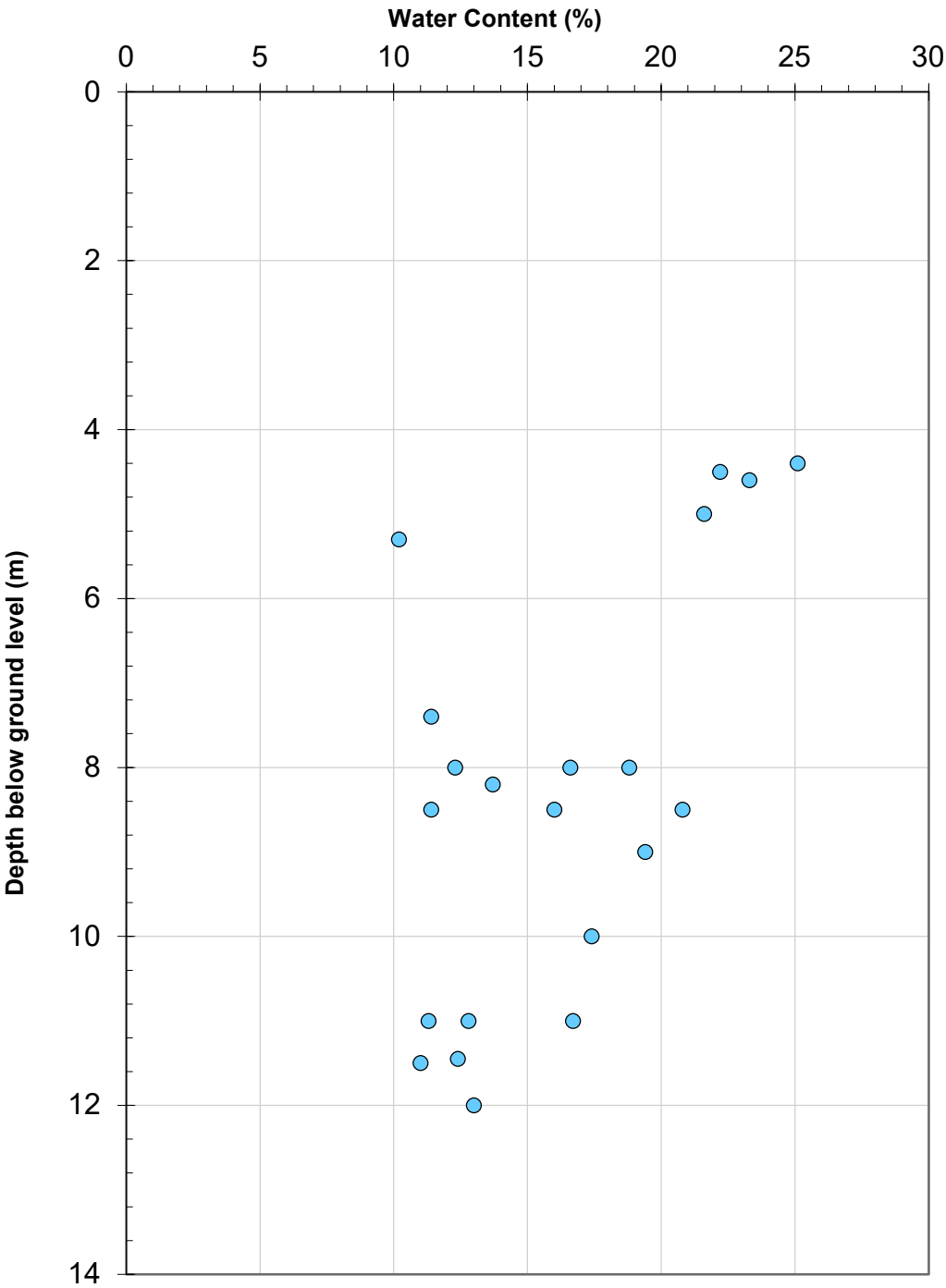
PREPARED BY	JT	JOB No.	30004595
CHECKED	VB	Fig No.	B.1
APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	Moisture Content (%) vs Depth (m) - Peat



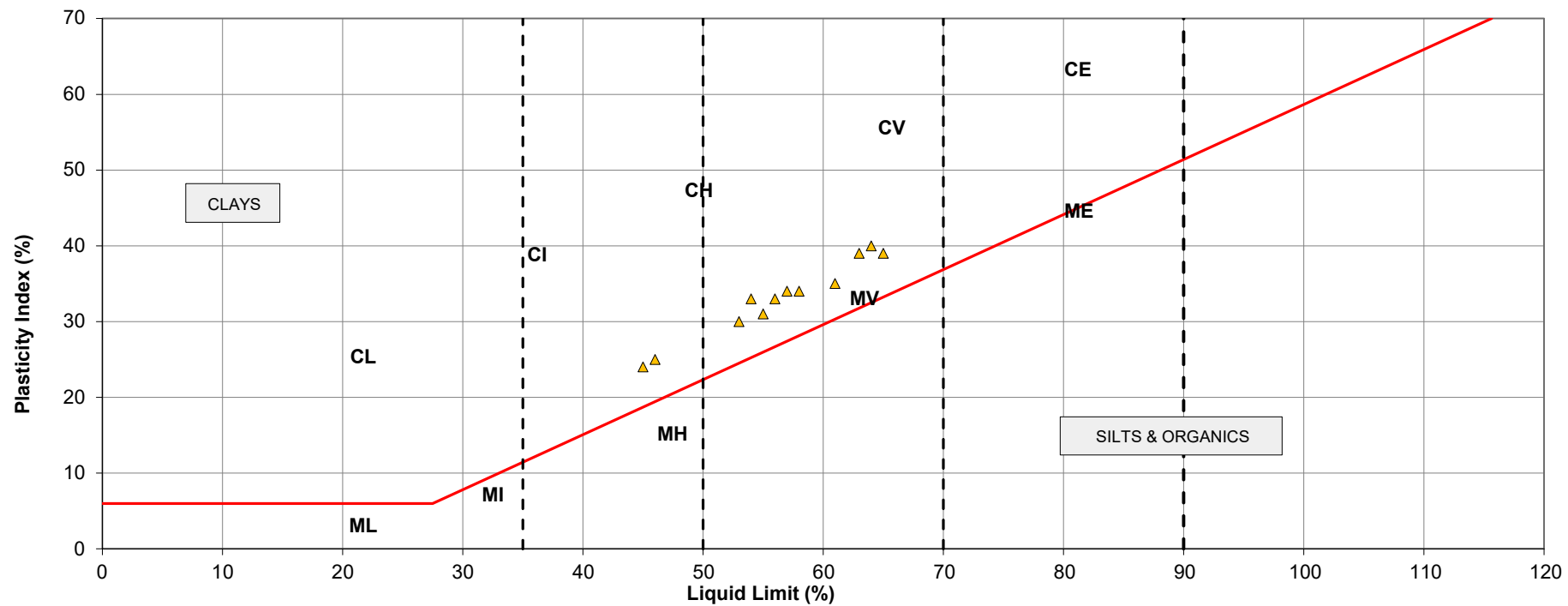
	PREPARED BY	JT	JOB No.	30004595
	CHECKED	VB	Fig No.	B.2
	APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	Moisture Content (%) vs Depth (m) - Glacial Deposits Cohesive



	PREPARED BY	JT	JOB No.	30004595
	CHECKED	VB	Fig No.	B.3
	APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Job	Margam Substation - LoR
Title	Liquid Limit (%) vs Plasticity Index (%) - TFD Cohesive



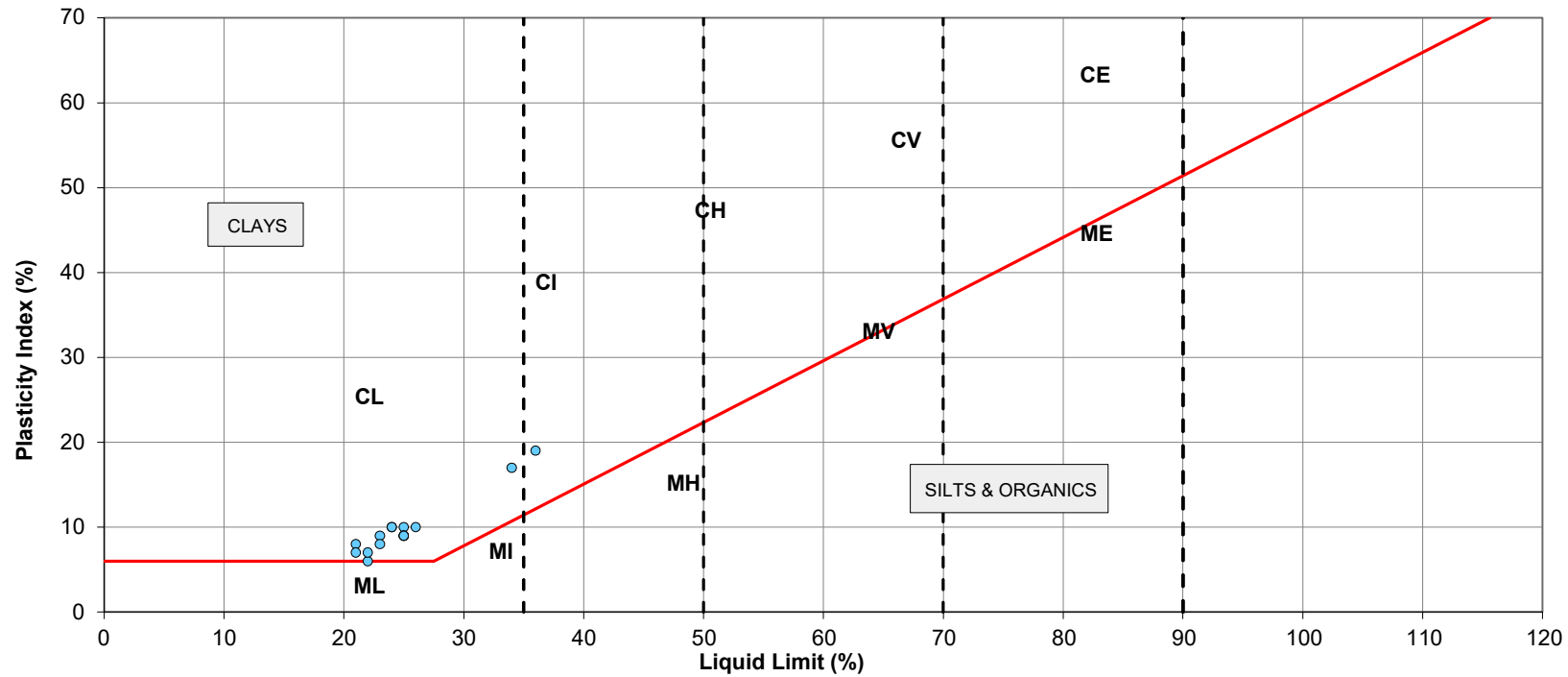
PREPARED BY
CHECKED
APPROVED

JT
VB
PDH

JOB No.
Fig No.
DATE

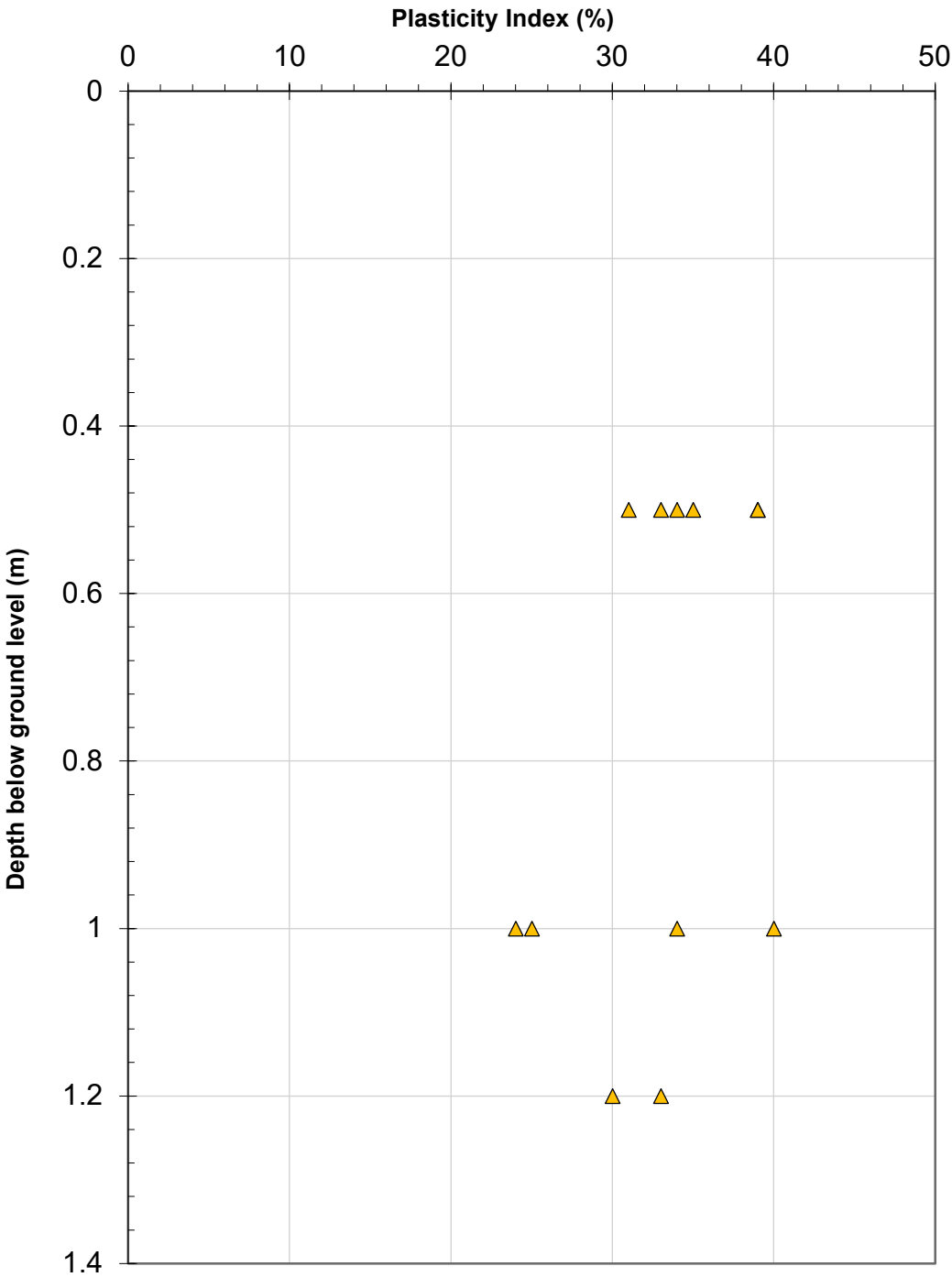
30004595
B.4
Jan-25

Client	Laing O'Rourke
Job	Margam Substation - LoR
Title	Liquid Limit (%) vs Plasticity Index (%) - Glacial Deposits Cohesive



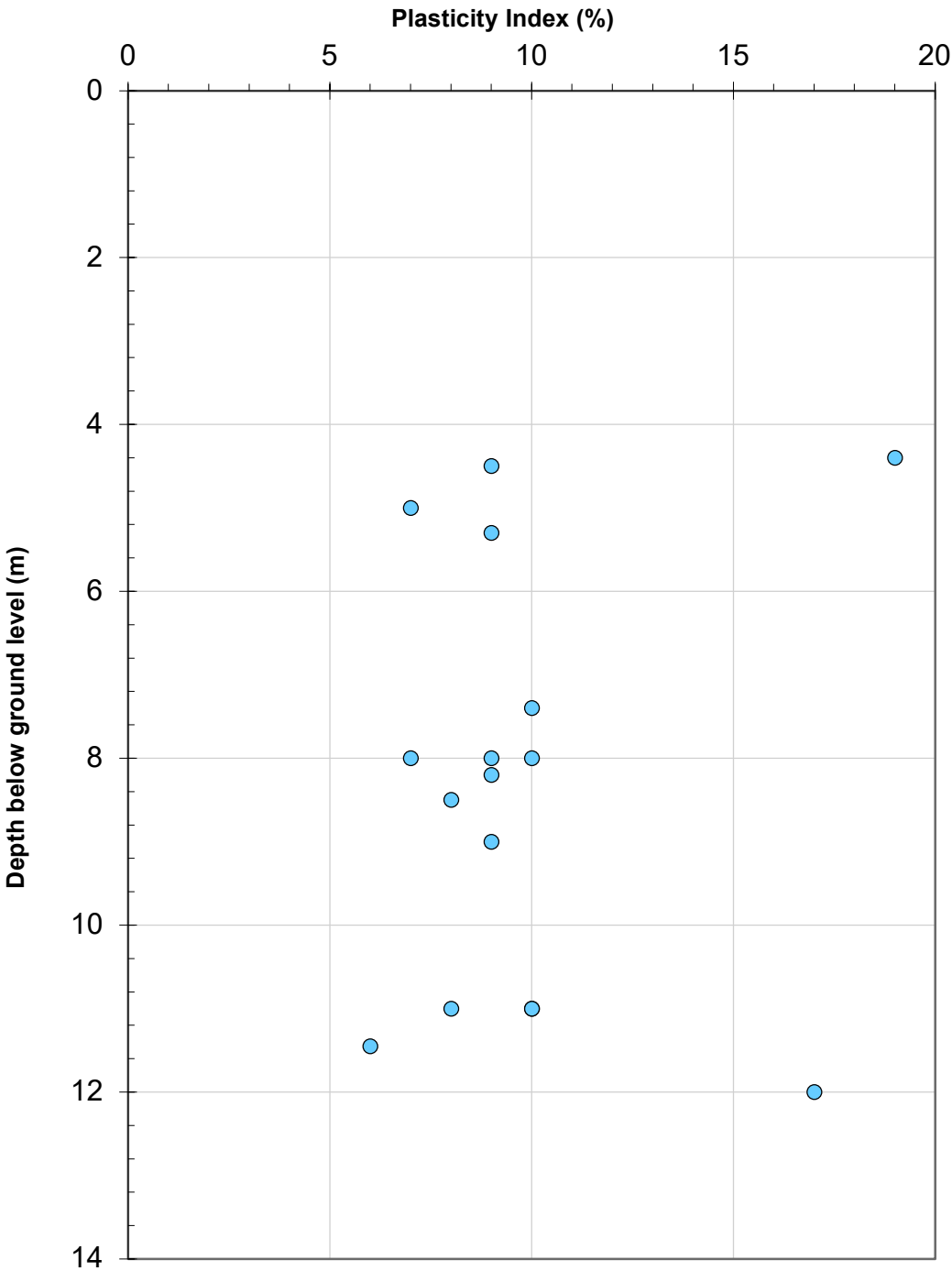
PREPARED BY	JT	JOB No.	30004595
CHECKED	VB	Fig No.	B.5
APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	Plasticity index (%) vs Depth (m) - TFD Cohesive



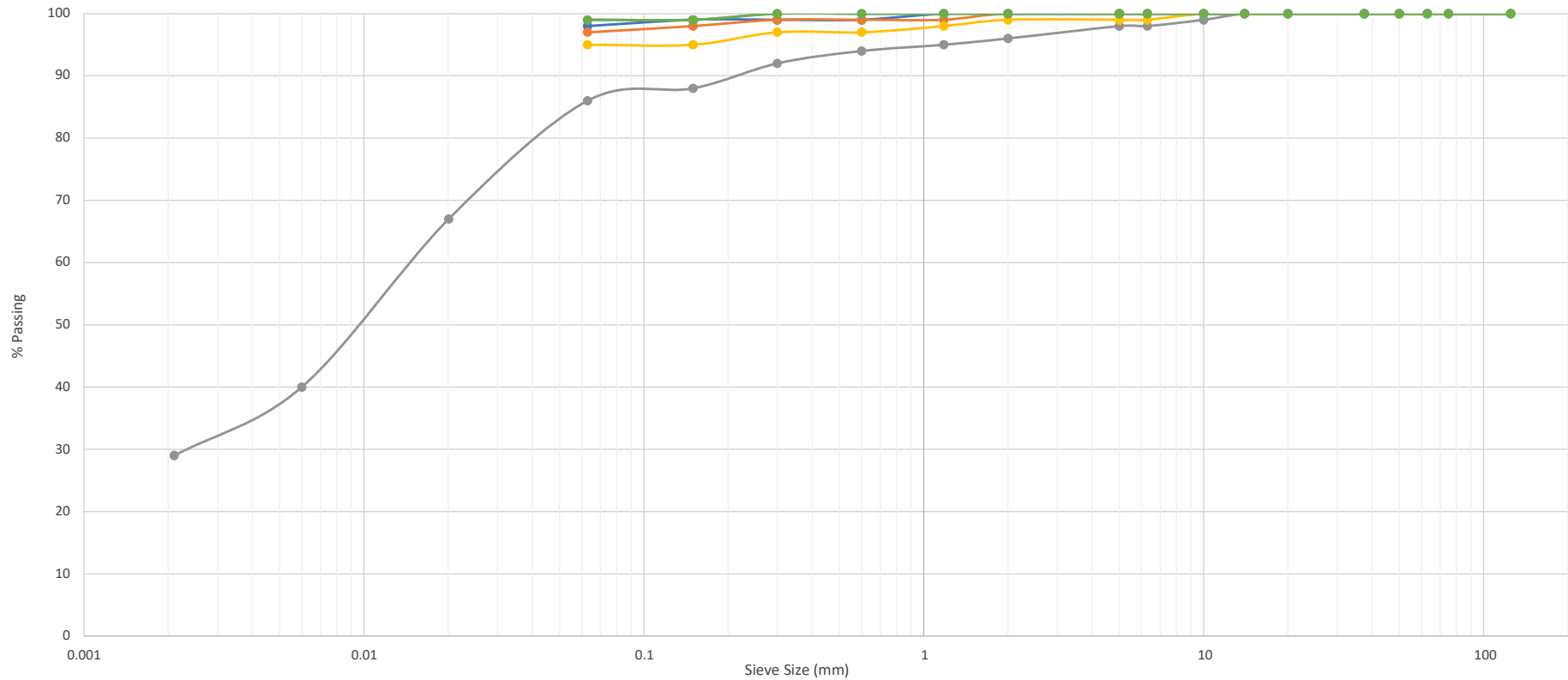
BakerHicks	PREPARED BY	JT	JOB No.	30004595
	CHECKED	VB	Fig No.	B.6
	APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	Plasticity index (%) vs Depth (m) - Glacial Deposits Cohesive



	PREPARED BY	JT	JOB No.	30004595
	CHECKED	VB	Fig No.	B.7
	APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Job	Margam Substation - LoR
Title	PSD Plot - TFD Cohesive



CLAY	SILT			SAND			GRAVEL			COBBLES
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	

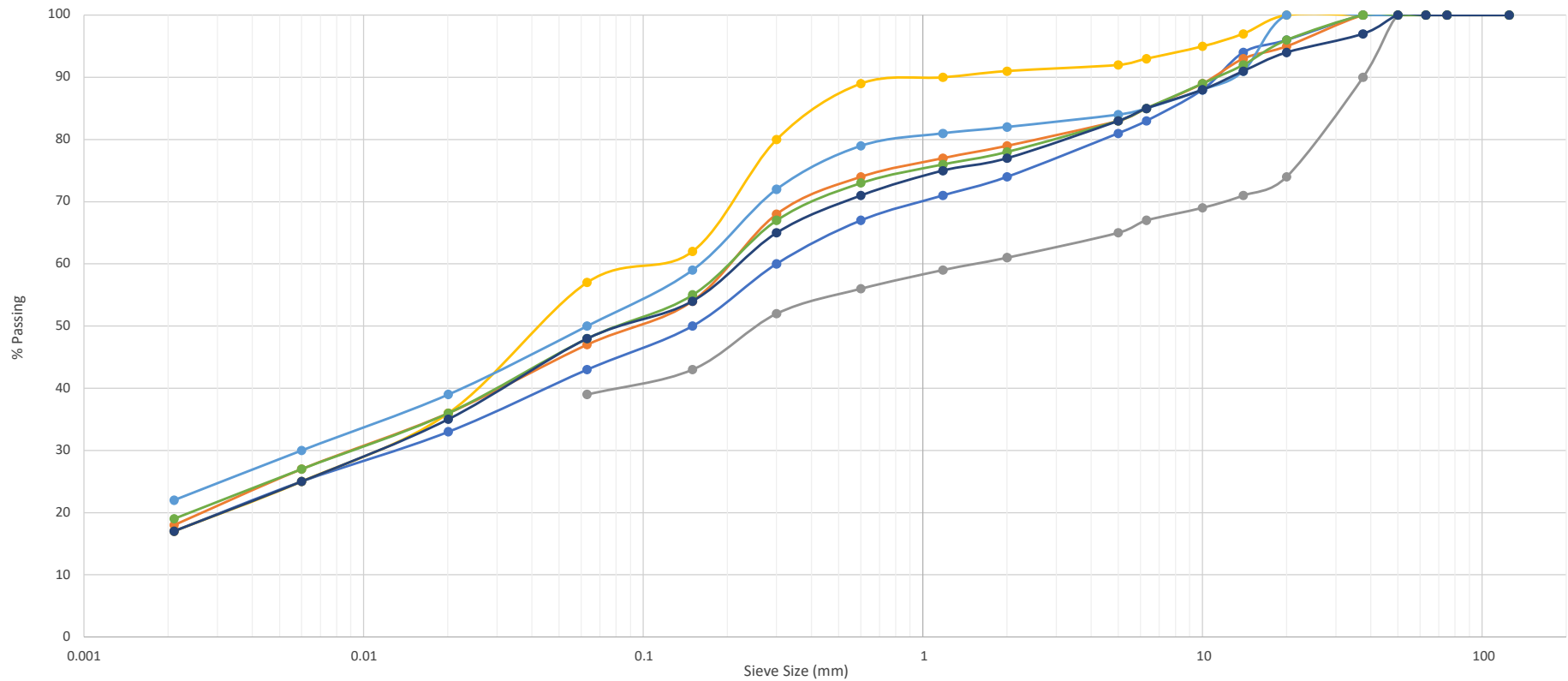
—●— BH105 2.2m
 —●— TP106 0.3m
 —●— TP108 1.4m
 —●— TP110 0.4m
 —●— TP111 0.4m
 —●— TP112 0.7m



PREPARED BY	JT
CHECKED	VB
APPROVED	PDH

Job No.	30004595
Fig No.	B.8
DATE	Jan-25

Client	Laing O'Rourke
Job	Margam Substation - LoR
Title	PSD Plot - Glacial Deposits Cohesive



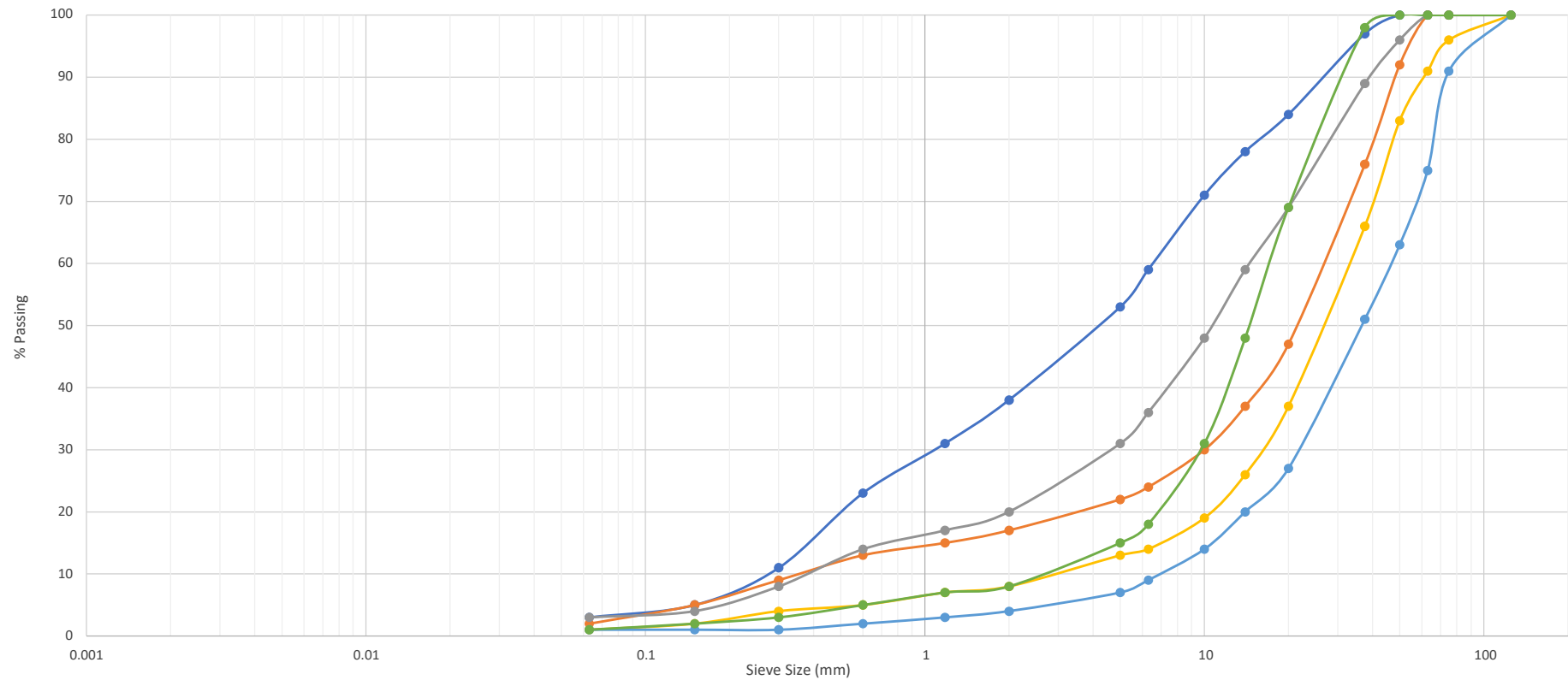
CLAY	SILT			SAND			GRAVEL			COBBLES
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	

—●— BH105 8.5m —●— BH106 7.8m —●— BH107 9.3m —●— BH108 4.6m —●— BH108 7.7m —●— BH109 10m —●— BH111 7.2m



PREPARED BY	JT	Job No.	30004595
CHECKED	VB	Fig No.	B.9
APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Job	Margam Substation - LoR
Title	PSD Plot - Glacial Deposits Granular



CLAY	SILT			SAND			GRAVEL			COBBLES
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	

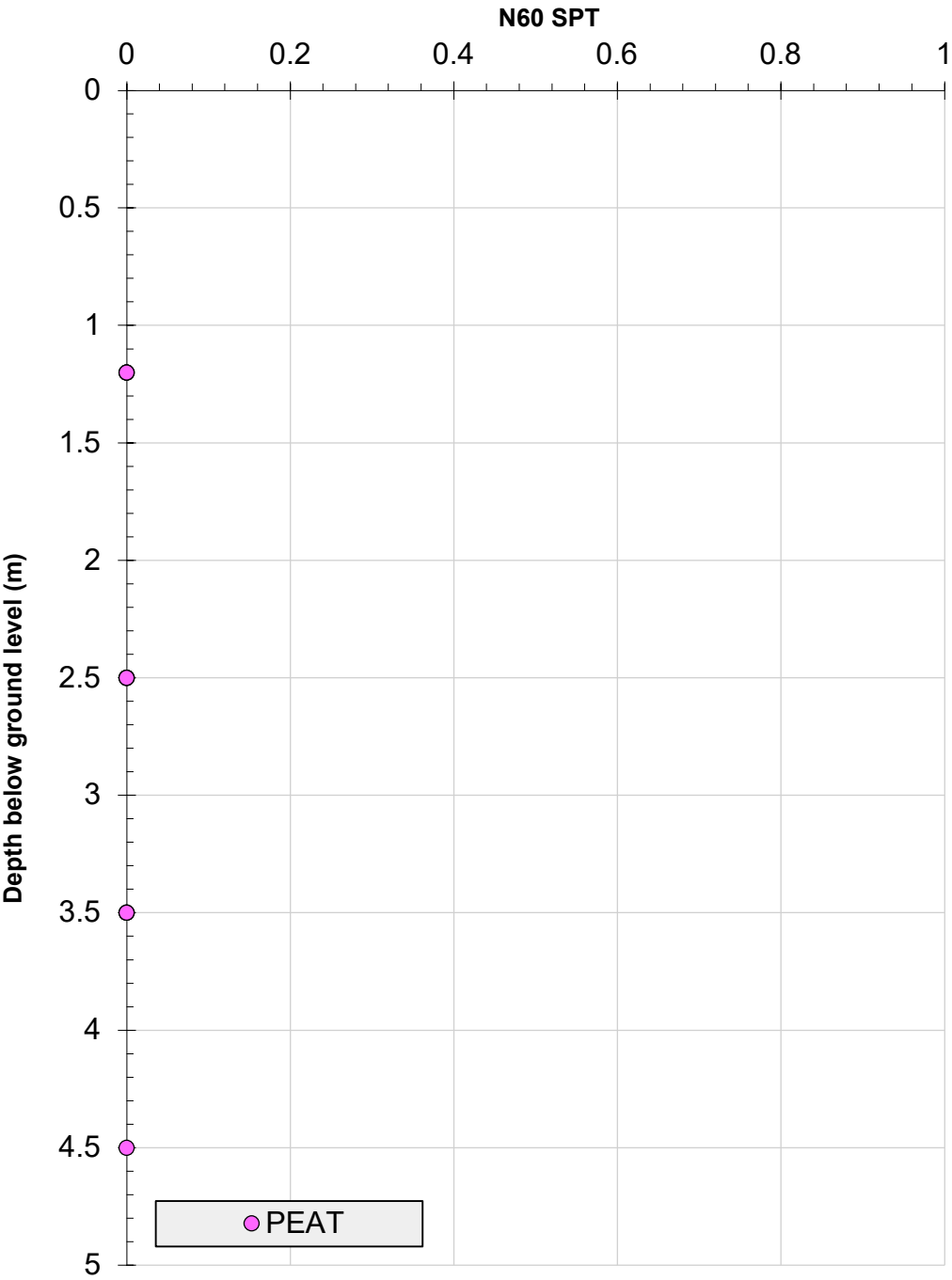
—●— BH105 5.2m
 —●— BH106 4.7m
 —●— BH107 6.5m
 —●— BH108 5.5m
 —●— BH109 6.5m
 —●— BH110 6.6m



PREPARED BY	JT
CHECKED	VB
APPROVED	PDH

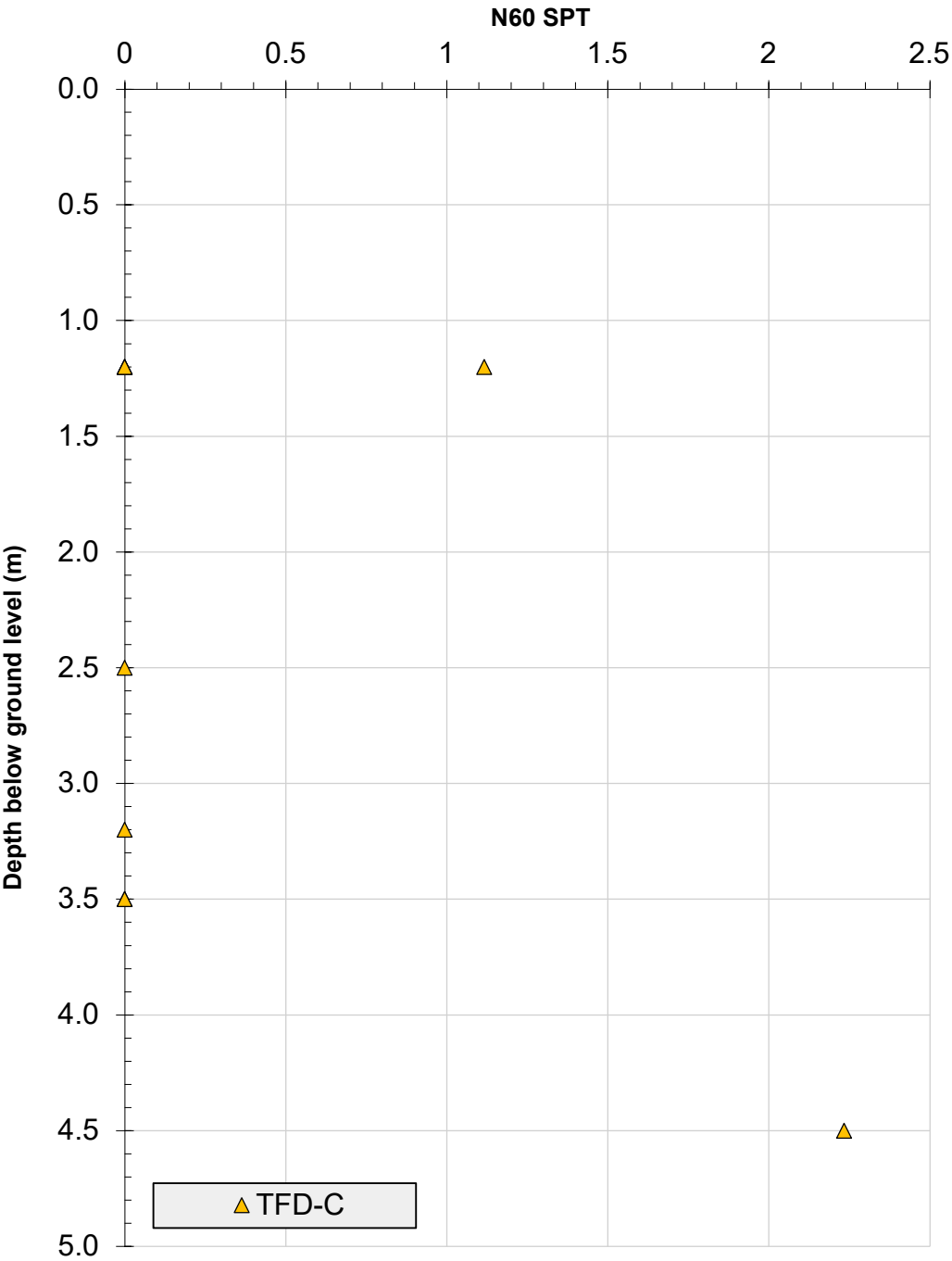
Job No.	30004595
Fig No.	B.10
DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	N60 SPT vs Depth (m) - Peat



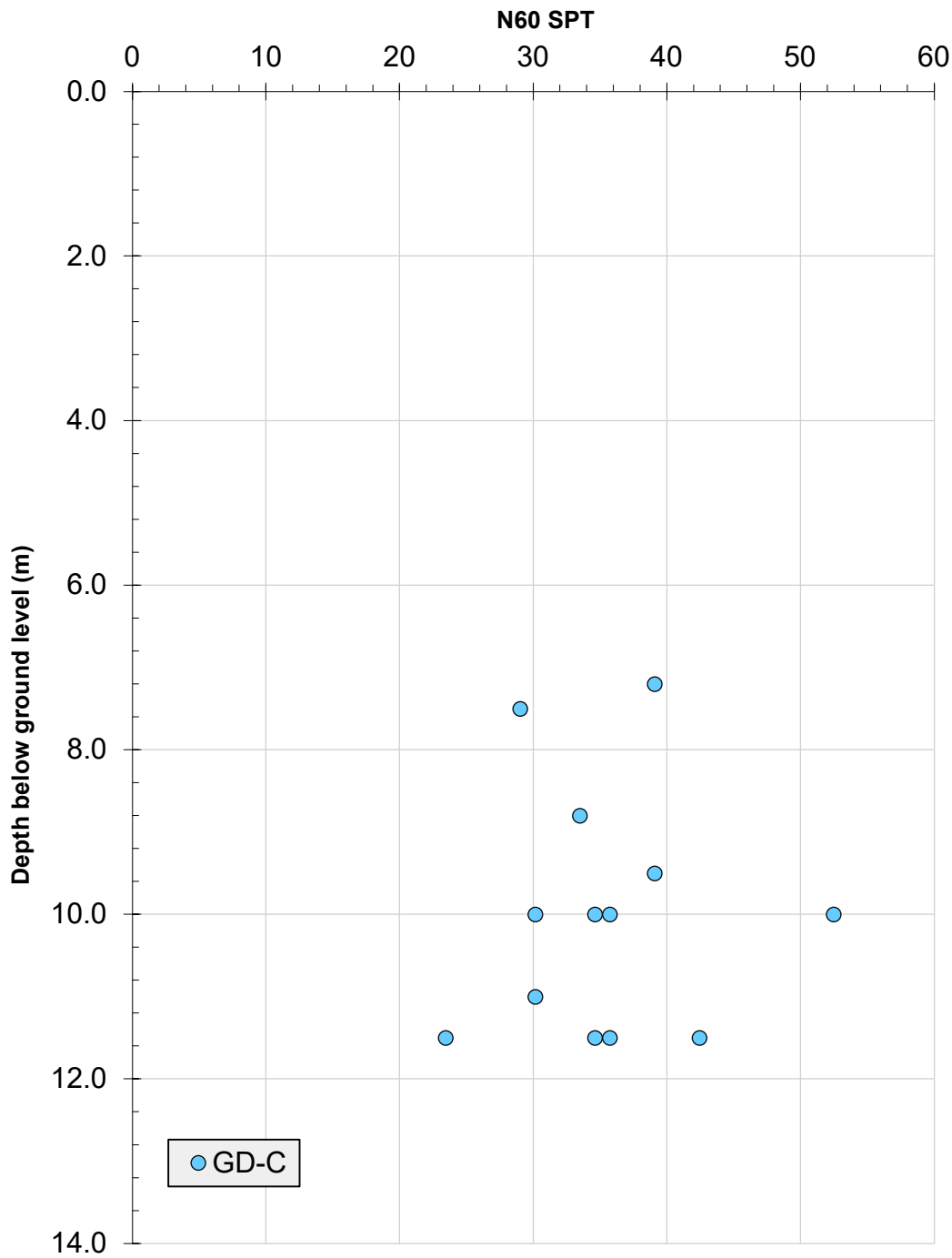
PREPARED BY	JT	JOB No.	30004595
CHECKED	VB	Fig No.	B.11
APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	N60 SPT vs Depth (m) - TFD Cohesive



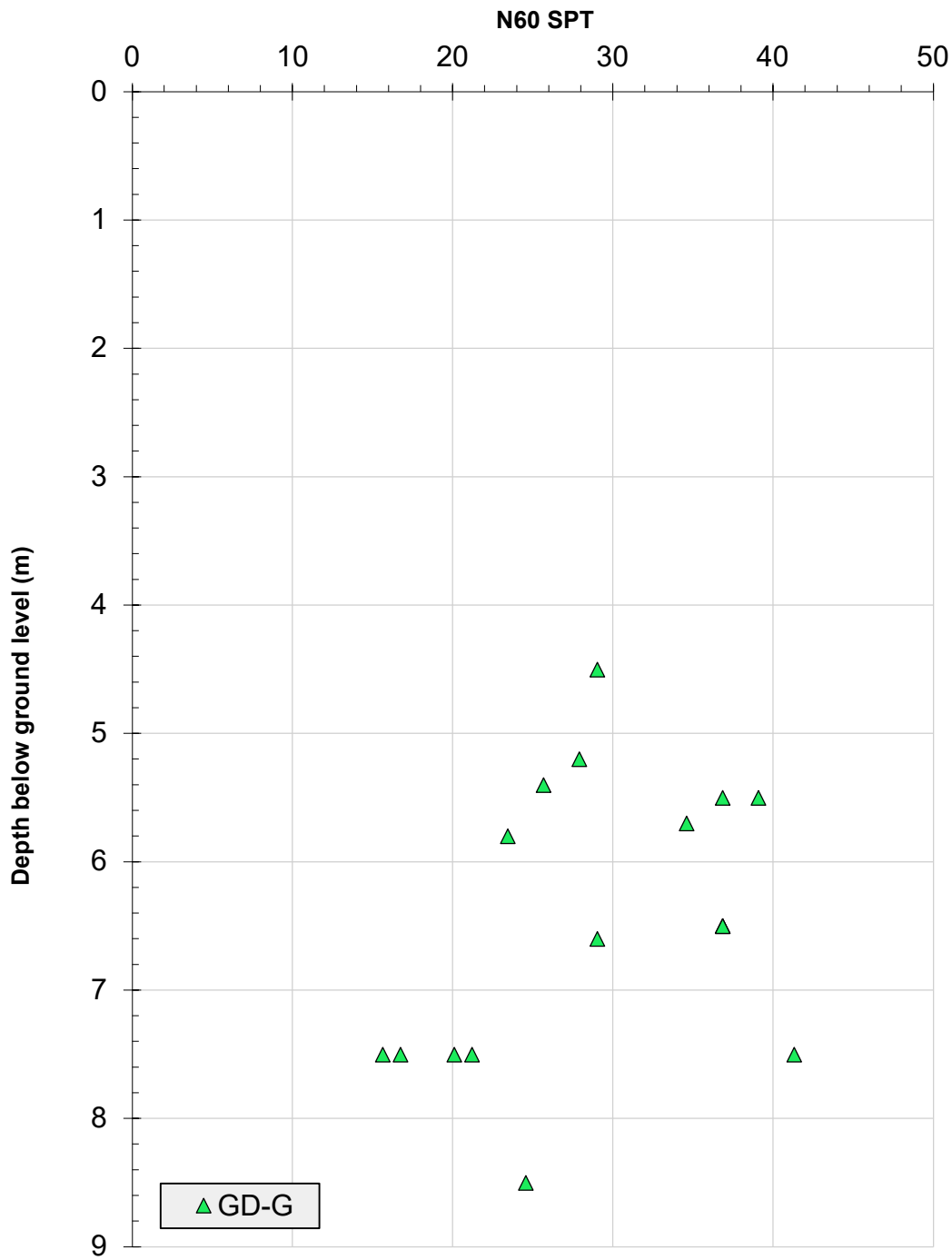
BakerHicks	PREPARED BY	JT	JOB No.	30004595
	CHECKED	VB	Fig No.	B.12
	APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	N60 SPT vs Depth (m) - Glacial Deposits Cohesive



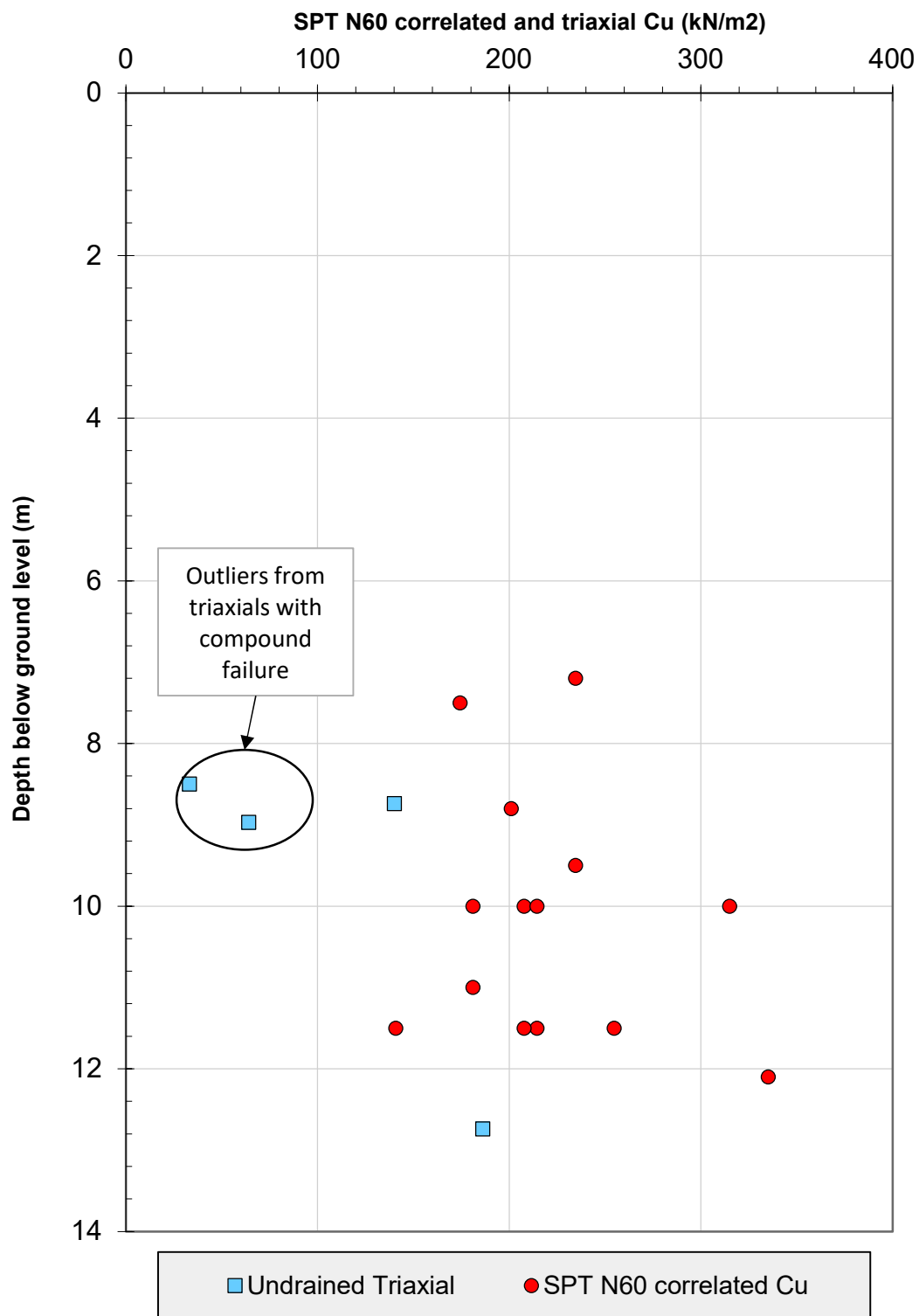
	PREPARED BY	JT	JOB No.	30004595
	CHECKED	VB	Fig No.	B.13
	APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	N60 SPT vs Depth (m) - Glacial Deposits Granular



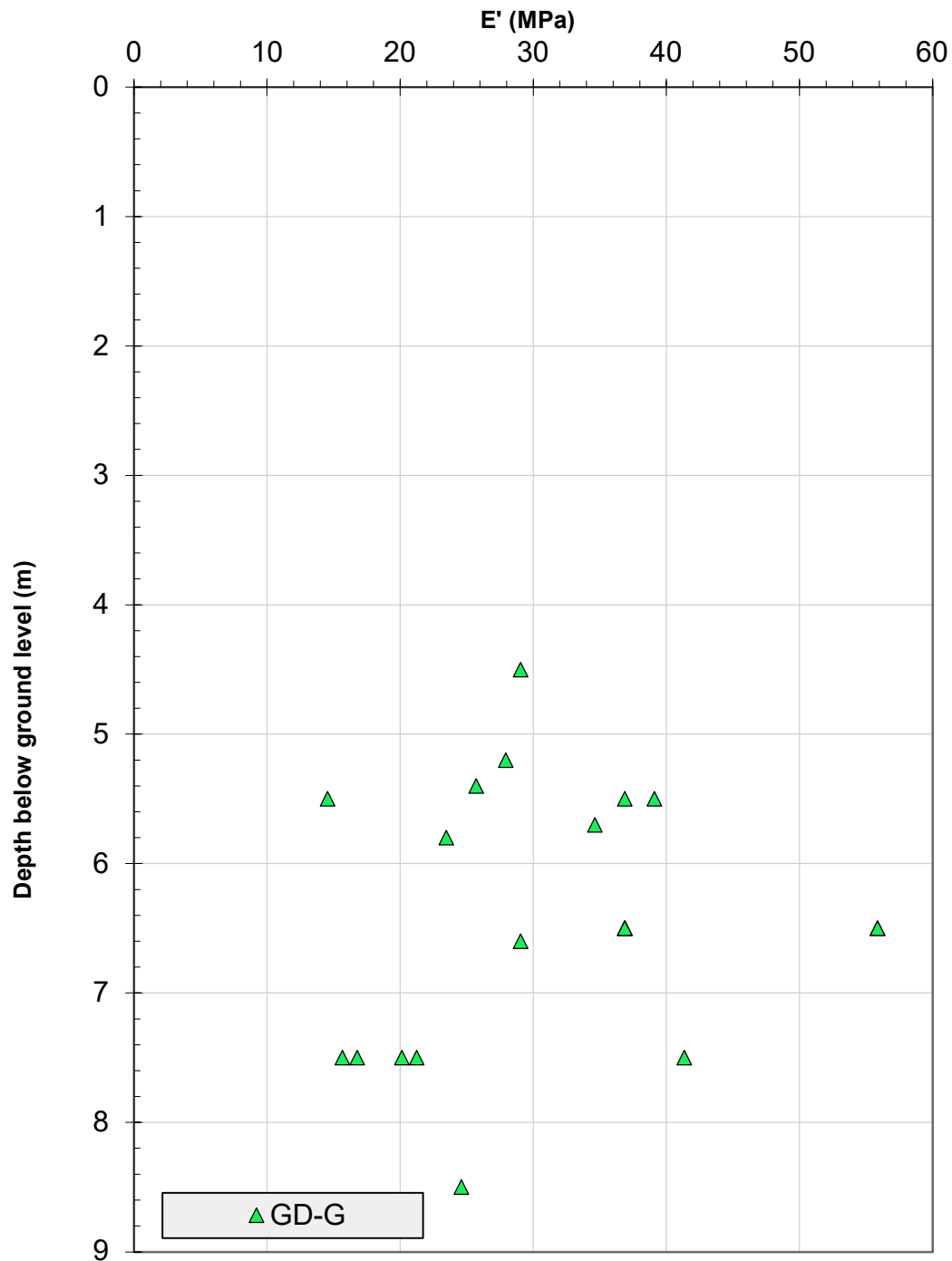
BakerHicks.	PREPARED BY	JT	JOB No.	30004595
	CHECKED	VB	Fig No.	B.14
	APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	Undrained Shear Strength vs Depth (m) - Glacial Deposits Cohesive



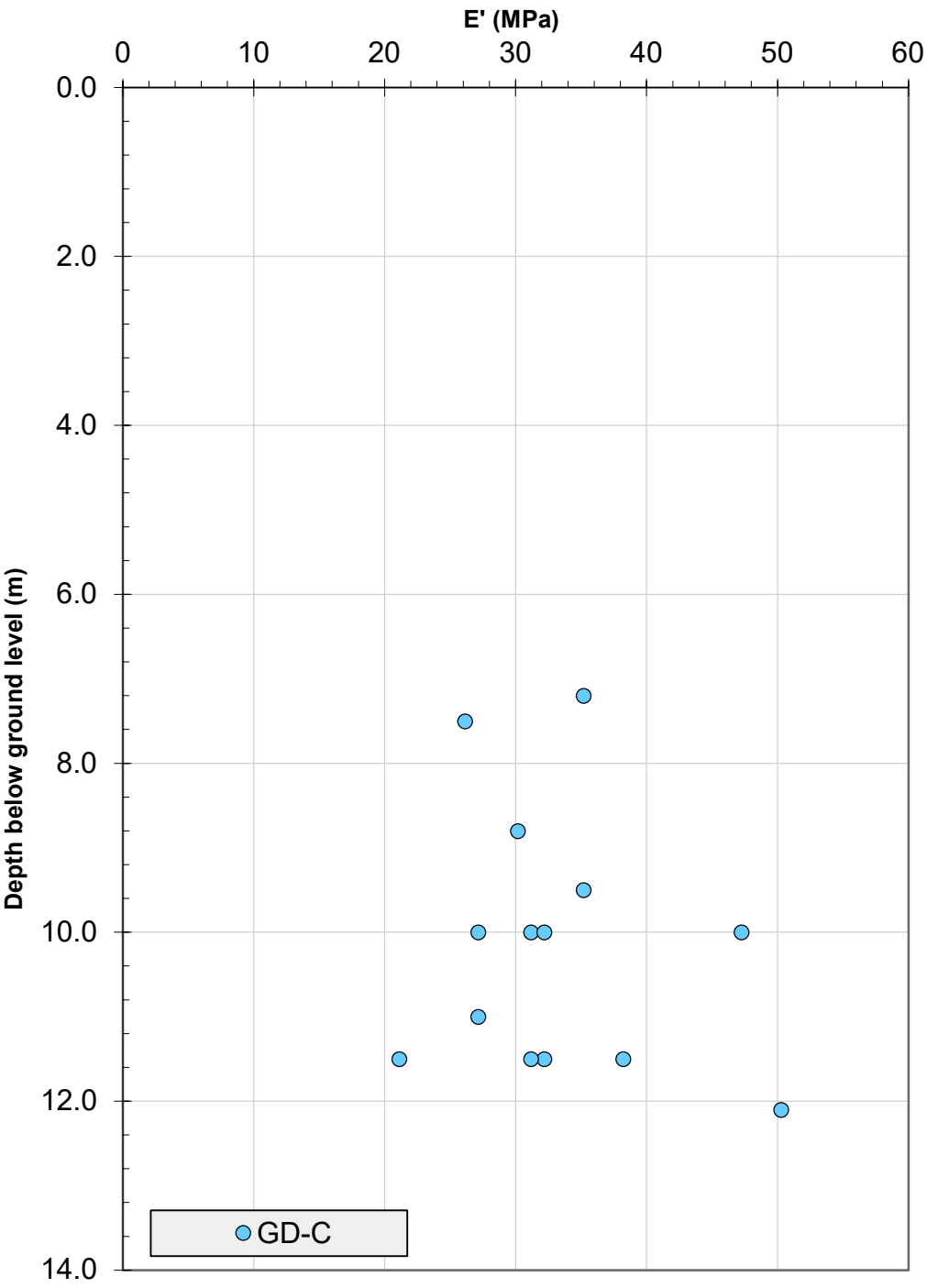
PREPARED BY	JT	JOB No.	30004595
CHECKED	VB	Fig No.	B.15
APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	SPT N60 Correlated E' vs Depth (m) - Glacial Deposits Granular



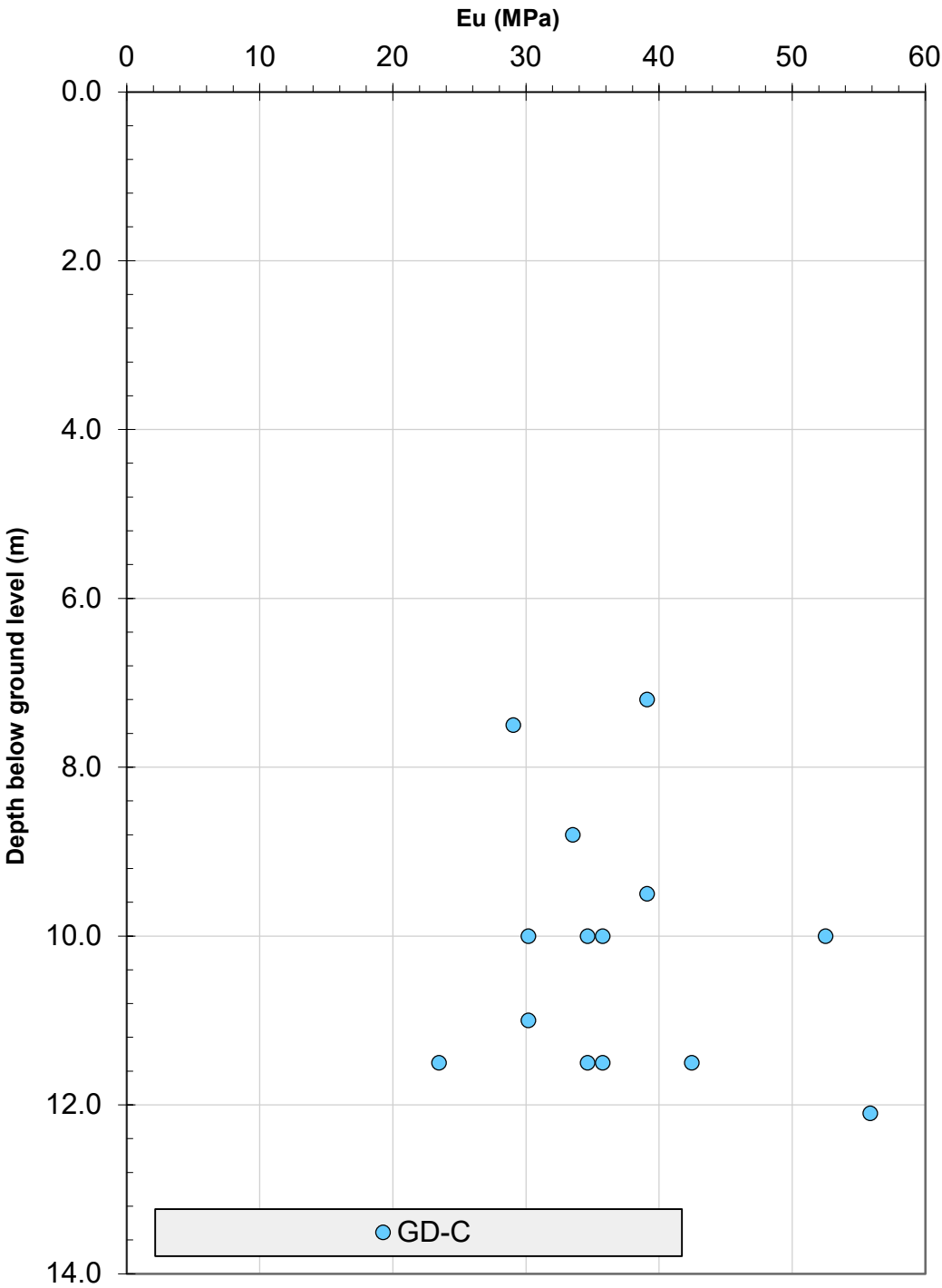
BakerHicks	PREPARED BY	JT	JOB No.	30004595
	CHECKED	VB	Fig No.	B.16
	APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	SPT N60 Correlated Eu vs Depth (m) - Glacial Deposits Cohesive



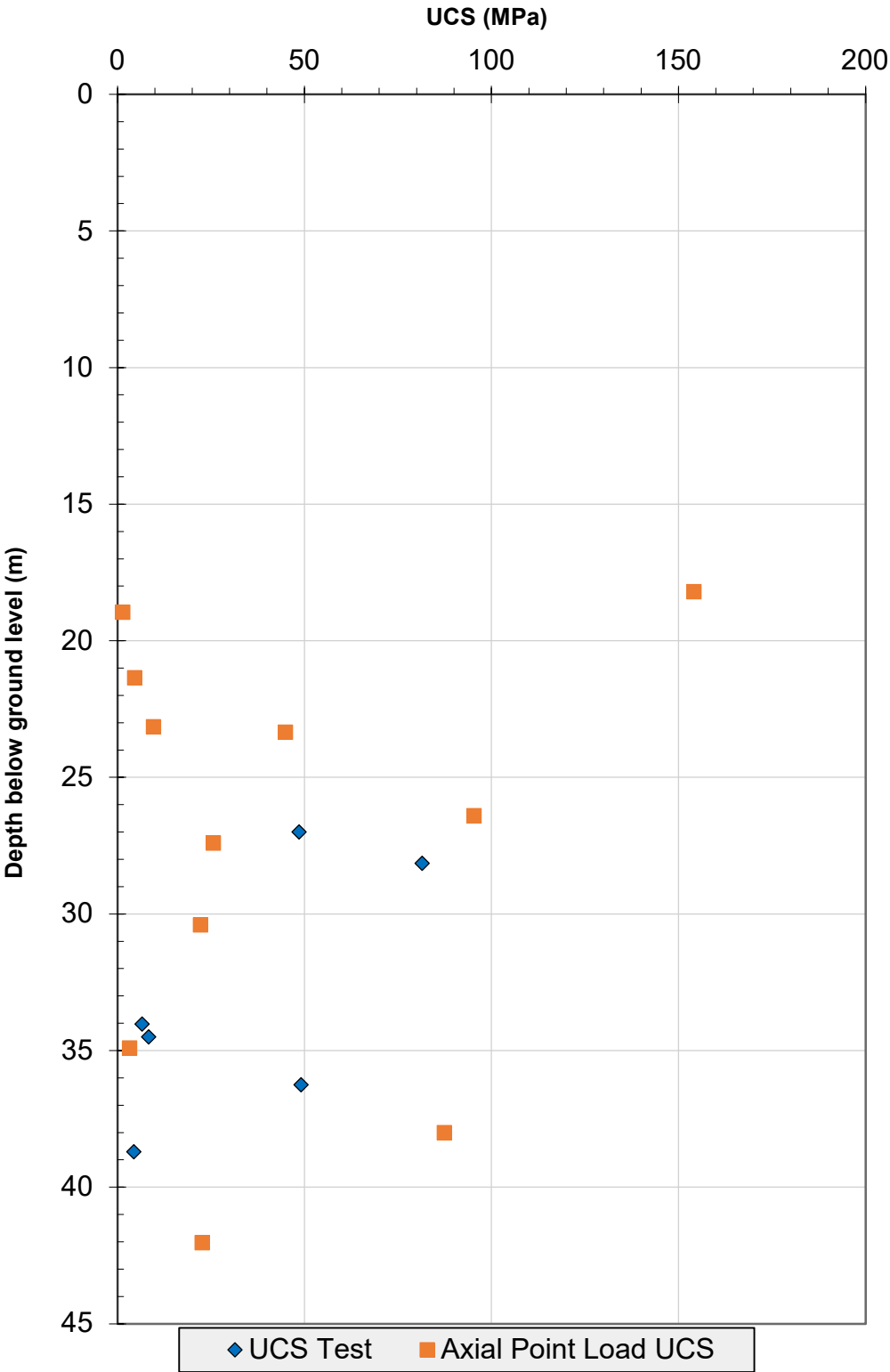
BakerHicks	PREPARED BY	JT	JOB No.	30004595
	CHECKED	VB	Fig No.	B.17
	APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	SPT N60 Correlated Eu vs Depth (m) - Glacial Deposits Cohesive



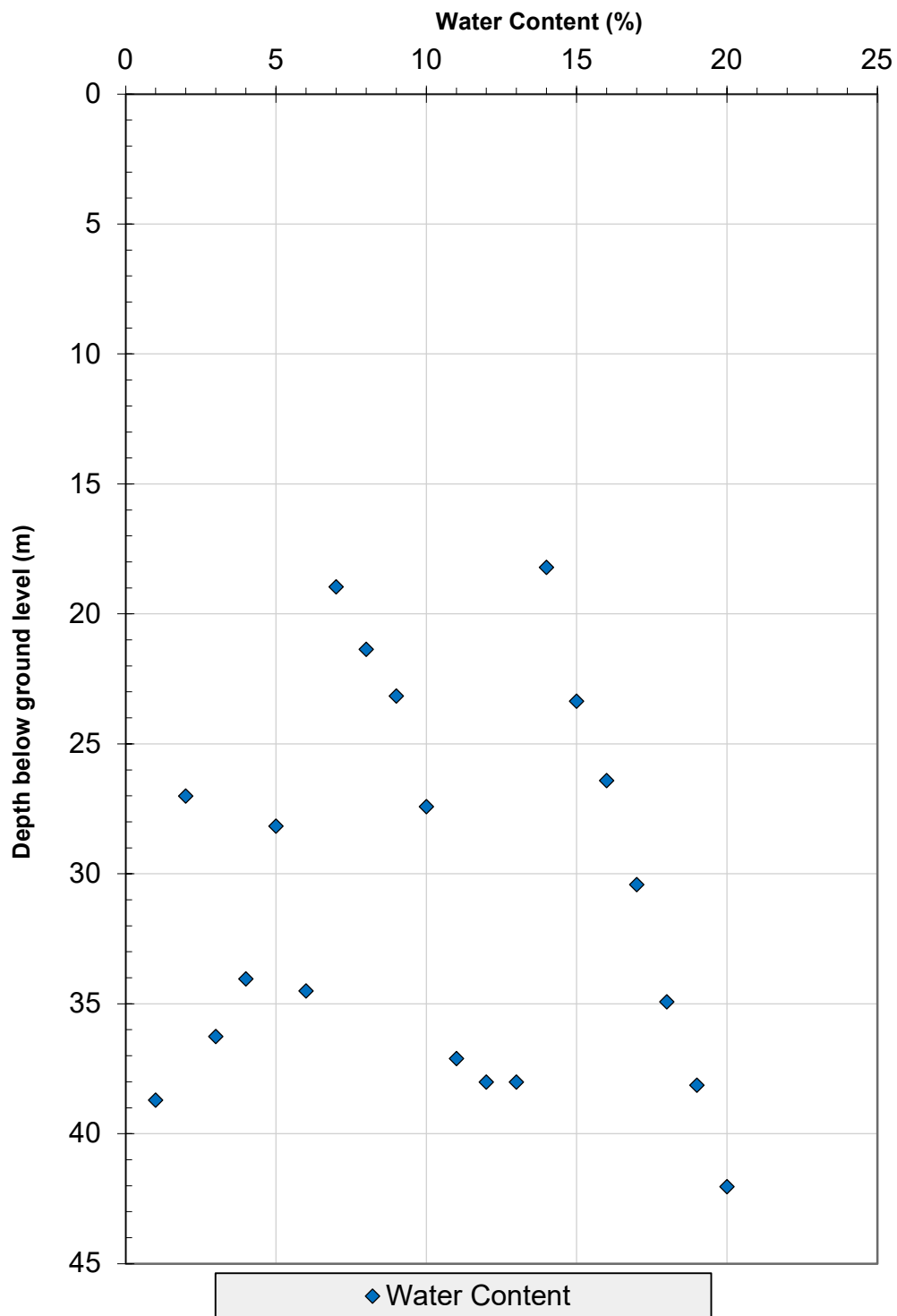
BakerHicks	PREPARED BY	JT	JOB No.	30004595
	CHECKED	VB	Fig No.	B.18
	APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	UCS vs Depth (m) - Coal Measures Formation



PREPARED BY	JT	JOB No.	30004595
CHECKED	VB	Fig No.	B.19
APPROVED	PDH	DATE	Jan-25

Client	Laing O'Rourke
Project	Margam Substation - LoR
Title	Rock Water Content vs Depth (m) - Coal Measures Formation



PREPARED BY	JT	JOB No.	30004595
CHECKED	VB	Fig No.	B.20
APPROVED	PDH	DATE	Jan-25