



Pells Sullivan Meynink Pty Ltd

Engineering Consultants

Rock - Soil - Water

JOB: **PSM1444**

PROJECT: **Macdonaldtown
Gasworks Remediation**

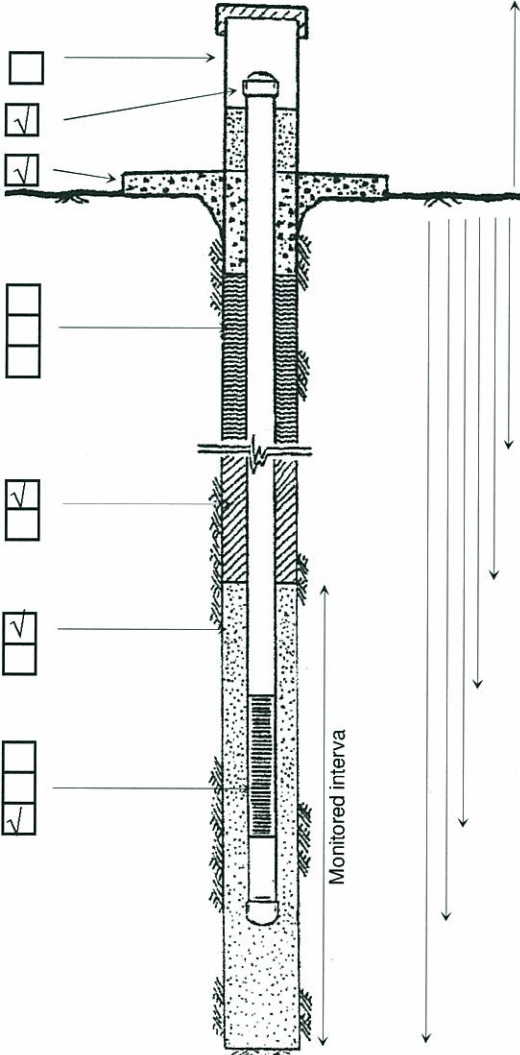
PIEZOMETER CONSTRUCTION RECORD

HOLE NUMBER: **BH02**
PIEZOMETER: **BH02**
COLLAR EASTING: **317149.09 mE**
COLLAR NORTHING: **1247727.50 mN**
COLLAR RL(m): **18.81 m**
DATUM: **AHD**

DRILLING CONTRACTOR: **Soil Check Pty Ltd**
RIG: **JK300 drill rig**
DEPTH OF HOLE (m): **8**
BOREHOLE INCLINATION: **-90 deg**
PIEZO INSTALLATION DATE: **17-Jun-10**
SUPERVISED BY: **AS**

Tick boxes

Complete dimensions if appropriate

Steel protective well cover	☐		Height of stickup	<u>0.56 m</u>
PVC cap	☒		Diameter of PVC	<u>60 mm</u>
Concrete collar	☒			
Back fill type: Cement bentonite	☐		Depth to top of seal	<u>0.4 m</u>
Soil	☐		Depth to top of gravel pack	<u>1.5 m</u>
None	☐		Depth to top of screen	<u>2 m</u>
Seal: Bentonite pellets	☒		Depth to base of screen	<u>8 m</u>
Other	☐		Depth to base of piezo	<u>8 m</u>
Gravel type: 2-5mm gravel	☒		Depth to base of gravel	<u>8 m</u>
Other	☐			
Perforation type: Drill holes	☐			
Hack saw cuts	☐			
Machine slots	☒			

COMMENTS:



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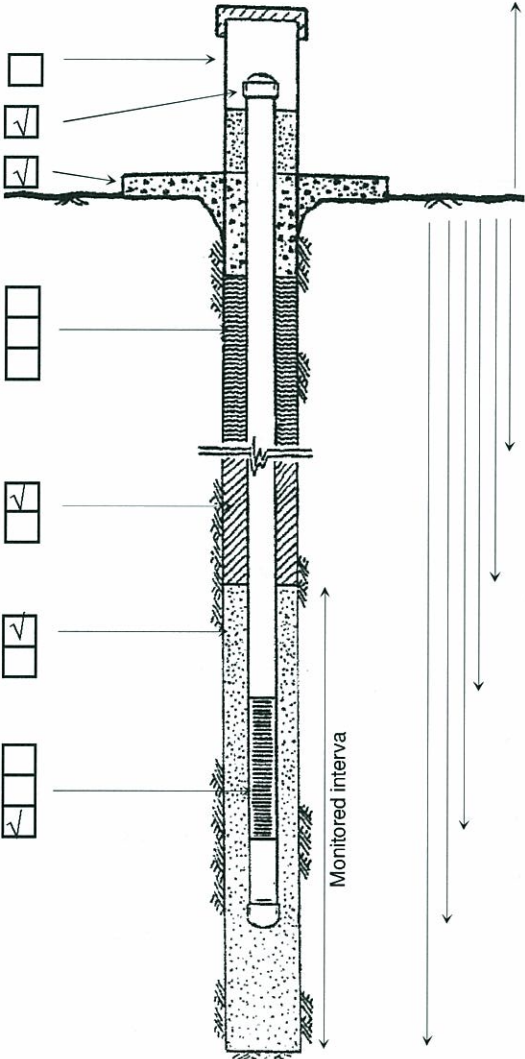
PIEZOMETER CONSTRUCTION RECORD

HOLE NUMBER: **BH04**
PIEZOMETER: **BH04**
COLLAR EASTING: **317134.88 mE**
COLLAR NORTHING: **1247695.11 mN**
COLLAR RL(m): **18.64 m**
DATUM: **AHD**

DRILLING CONTRACTOR: **Soil Check Pty Ltd**
RIG: **JK300 drill rig**
DEPTH OF HOLE (m): **8**
BOREHOLE INCLINATION: **-90 deg**
PIEZO INSTALLATION DATE: **16-Jun-10**
SUPERVISED BY: **AS**

Tick boxes

Complete dimensions if appropriate

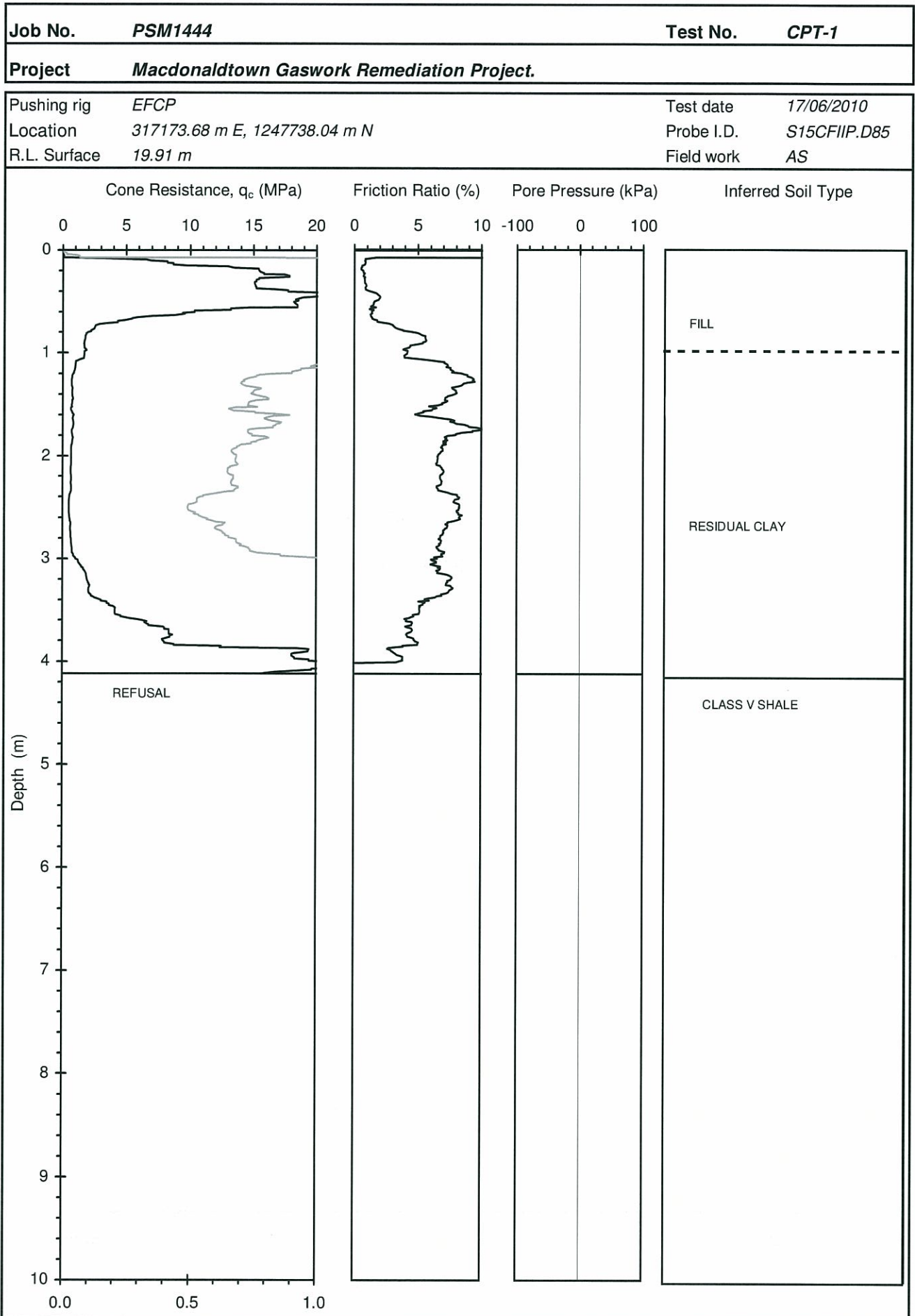
Steel protective well cover	☐		Height of stickup	<u>0.47 m</u>
PVC cap	☒		Diameter of PVC	<u>60 mm</u>
Concrete collar	☒		Depth to top of seal	<u>0.2 m</u>
Back fill type:	☐		Depth to top of gravel pack	<u>0.5 m</u>
Cement bentonite	☐		Depth to top of screen	<u>1 m</u>
Soil	☐		Depth to base of screen	<u>7 m</u>
None	☐		Depth to base of piezo	<u>7 m</u>
Seal:	☒		Depth to base of gravel	<u>8 m</u>
Bentonite pellets	☐			
Other	☐			
Gravel type:	☒			
2-5mm gravel	☐			
Other	☐			
Perforation type:	☐			
Drill holes	☐			
Hack saw cuts	☐			
Machine slots	☒			

COMMENTS:

APPENDIX B
CPT RESULTS



PIEZOCONE PENETRATION TEST





PIEZOCONE PENETRATION TEST

