



FIELD BOREHOLE / WELL LOG

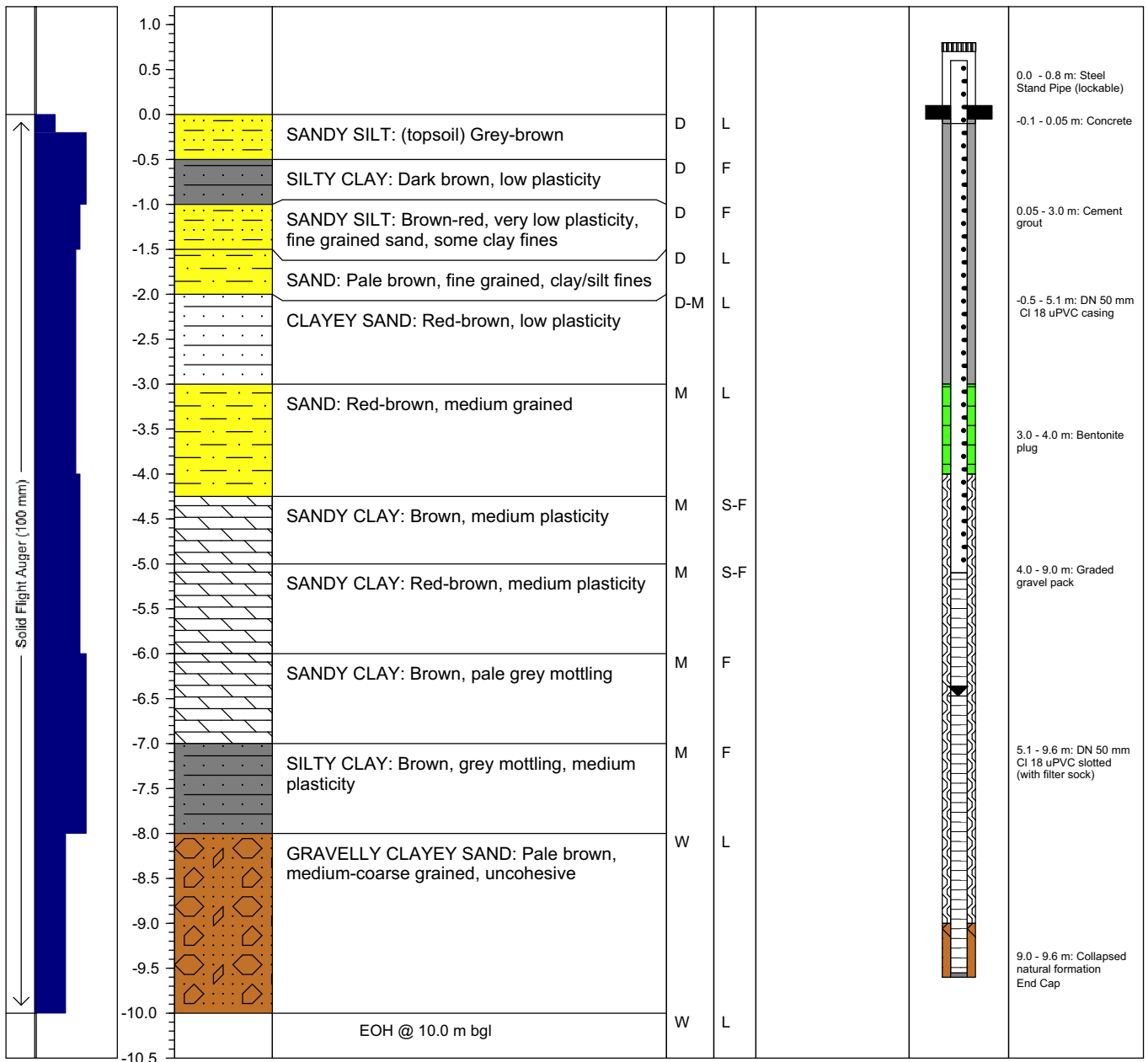
BOREHOLE / WELL NUMBER

MWREM01

PROJECT NUMBER: **GM-01-02**
 PROJECT NAME: **Buckland Park Groundwater Assessment**
 LOCATION: **Buckland Park**
 DRILLING CO: **WB Drilling Pty Ltd**
 DRILLING METHOD: **Solid Flight Auger**
 BOREHOLE DIAMETER: **100mm**
 DATE STARTED: **14/01/08** DATE COMPLETED: **14/01/08**

WELL PERMIT NUMBER: **N/A**
 TOTAL DEPTH (m bgl): **10.0**
 REFERENCE POINT (m AHD): **12.343**
 STATIC WATER LEVEL
 Date: **14/01/08** Depth (m bgl): **6.47**
 PROJECTION: **GDA 1994 MGA Zone 54**
 EASTING: **272962** NORTHING: **6164330**

DRILLING INFO.		MATERIAL PROPERTIES				FIELD RECORDS / CONSTRUCTION INFO.		
METHOD (no resistance) PENETRATION (refusal)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY REL. DENSITY	COMMENTS	WELL INSTALLATION	WELL DESCRIPTION



MOISTURE

W = Wet
 M = Moist
 D = Dry

STRENGTH

Fine Grain Coarse Grain
 S = Soft L = Loose
 F = Firm D = Dense
 H = Hard VD = Very Dense

LOGGED: David Poulsen

CHECKED: _____

DATE: 14/01/08

DATE: _____



FIELD BOREHOLE / WELL LOG

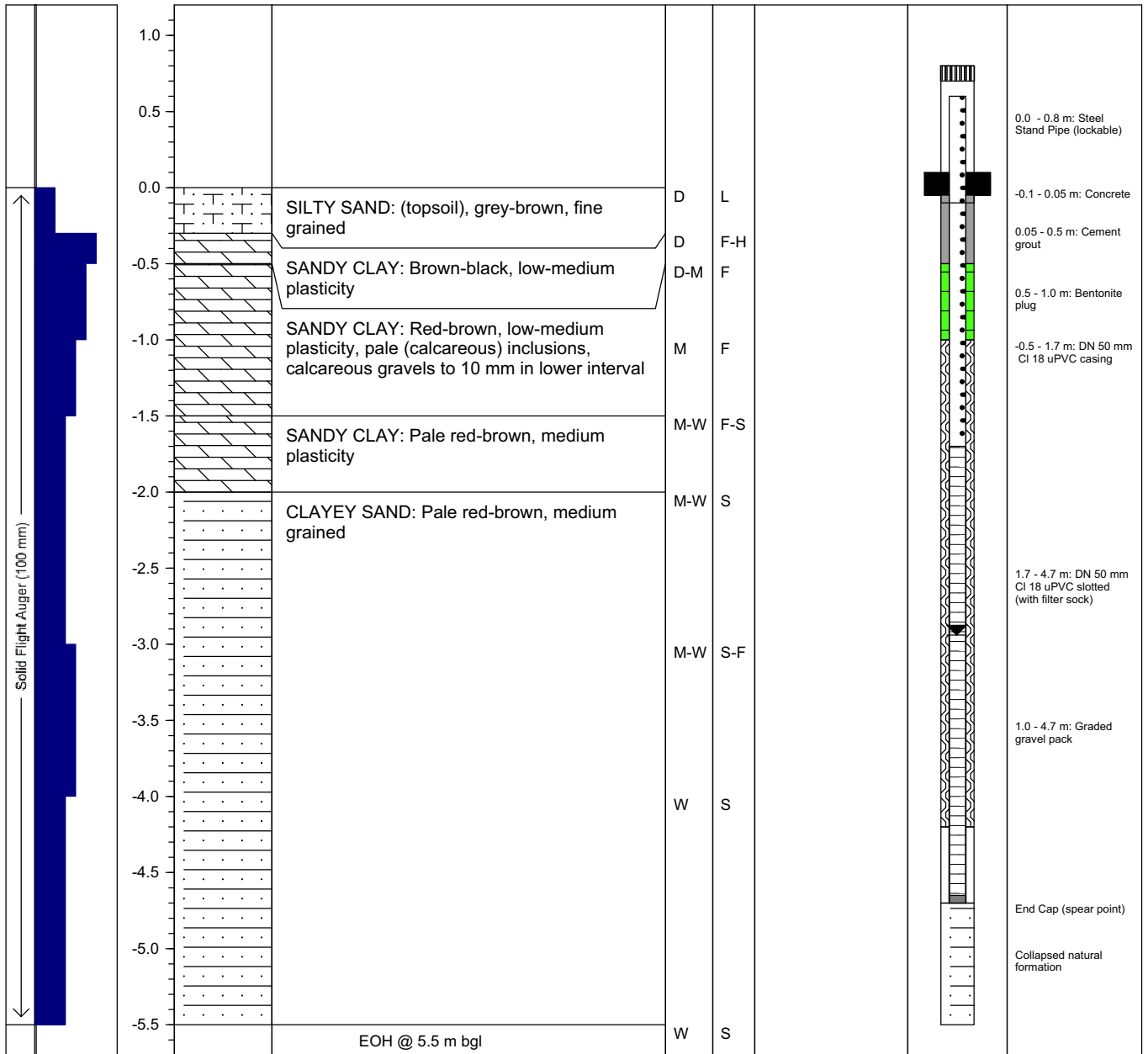
BOREHOLE / WELL NUMBER

MWREM02

PROJECT NUMBER: **GM-01-02**
 PROJECT NAME: **Buckland Park Groundwater Assessment**
 LOCATION: **Buckland Park**
 DRILLING CO: **WB Drilling Pty Ltd**
 DRILLING METHOD: **Solid Flight Auger**
 BOREHOLE DIAMETER: **100mm**
 DATE STARTED: **14/01/08** DATE COMPLETED: **14/01/08**

WELL PERMIT NUMBER: **N/A**
 TOTAL DEPTH (m bgl): **5.5 (4.7)**
 REFERENCE POINT (m AHD): **8.267**
 STATIC WATER LEVEL
 Date: **14/01/08** Depth (m bgl): **2.94**
 PROJECTION: **GDA 1994 MGA Zone 54**
 EASTING: **273617** NORTHING: **6162946**

DRILLING INFO.		MATERIAL PROPERTIES				FIELD RECORDS / CONSTRUCTION INFO.		
METHOD (no resistance) PENETRATION (refusal)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY REL. DENSITY	COMMENTS	WELL INSTALLATION	WELL DESCRIPTION



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 D = Dry

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Fine Grain Coarse Grain
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 H = Hard VD = Very Dense

LOGGED: David Poulsen

CHECKED: _____

DATE: 14/01/08

DATE: _____



FIELD BOREHOLE / WELL LOG

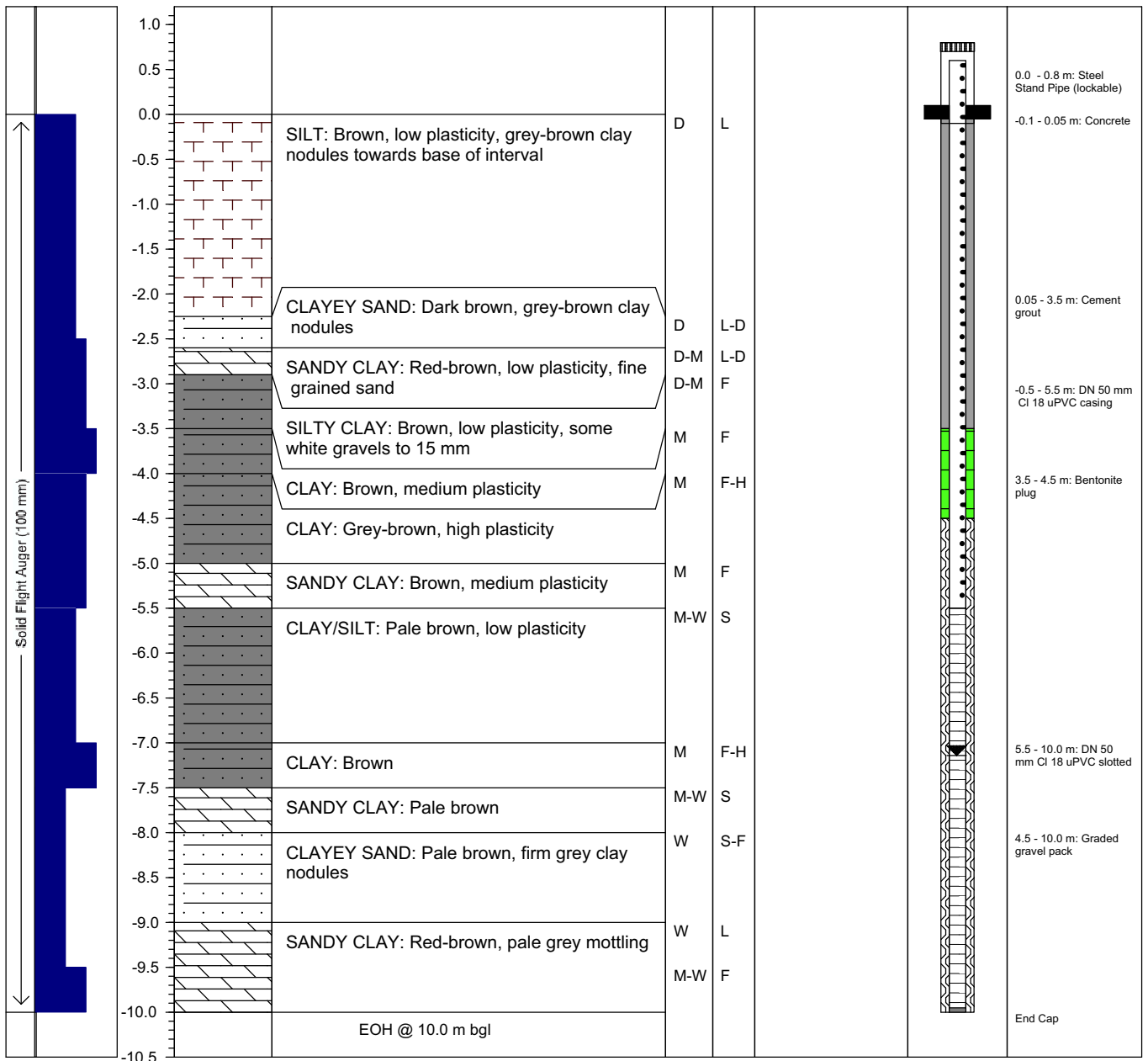
BOREHOLE / WELL NUMBER

MWREM03

PROJECT NUMBER: **GM-01-02**
 PROJECT NAME: **Buckland Park Groundwater Assessment**
 LOCATION: **Buckland Park**
 DRILLING CO: **WB Drilling Pty Ltd**
 DRILLING METHOD: **Solid Flight Auger**
 BOREHOLE DIAMETER: **100mm**
 DATE STARTED: **14/01/08** DATE COMPLETED: **14/01/08**

WELL PERMIT NUMBER: **N/A**
 TOTAL DEPTH (m bgl): **10.0**
 REFERENCE POINT (m AHD): **7.895**
 STATIC WATER LEVEL
 Date: **14/01/08** Depth (m bgl): **7.14**
 PROJECTION: **GDA 1994 MGA Zone 54**
 EASTING: **270211** NORTHING: **6162703**

DRILLING INFO.		MATERIAL PROPERTIES			FIELD RECORDS / CONSTRUCTION INFO.			
METHOD (no resistance) PENETRATION (refusal)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY REL. DENSITY	COMMENTS	WELL INSTALLATION	WELL DESCRIPTION



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W = Wet
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LOGGED: David Poulsen

CHECKED: _____

DATE: 14/01/08

DATE: _____



FIELD BOREHOLE / WELL LOG

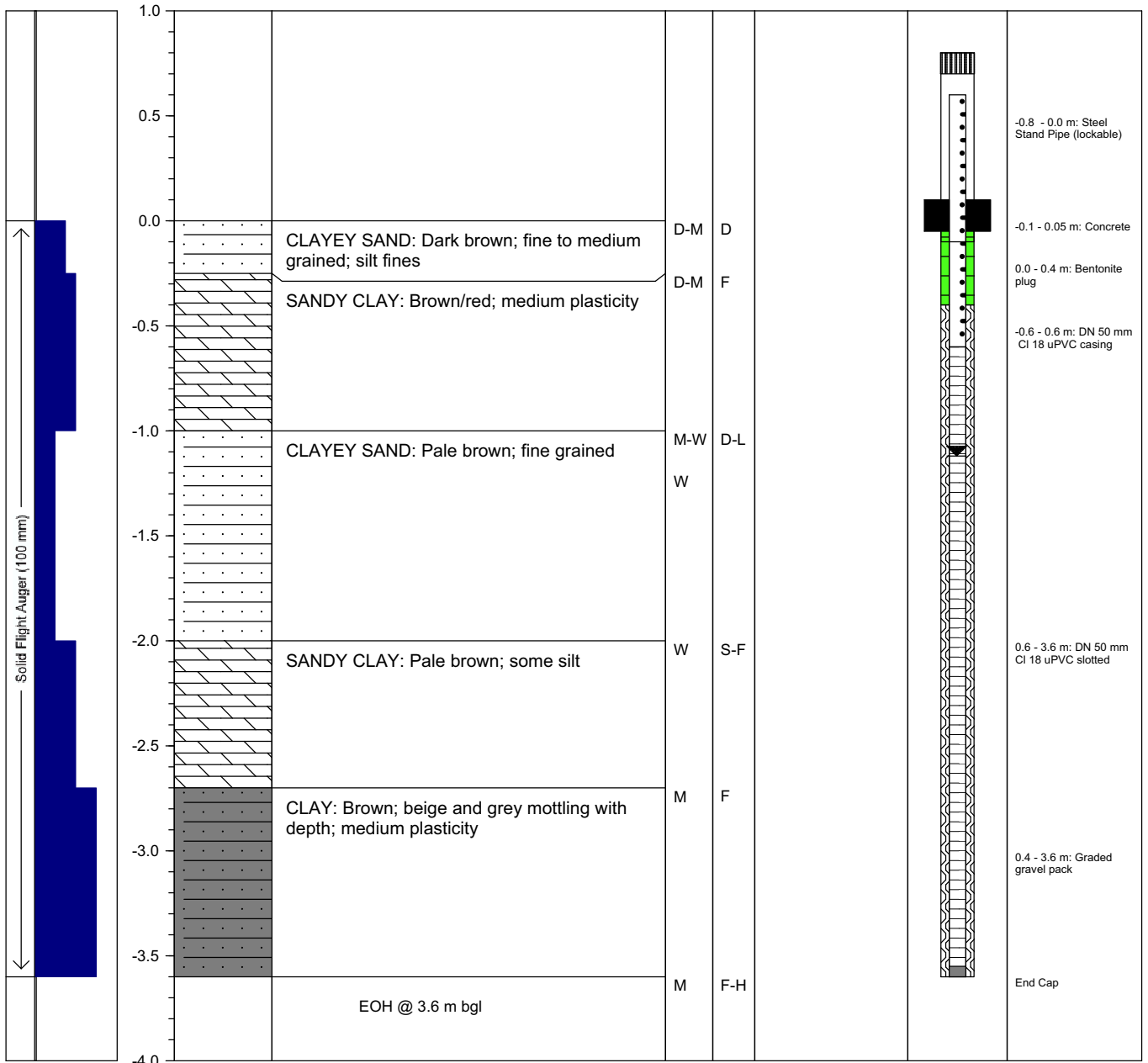
BOREHOLE / WELL NUMBER

MWREM04

PROJECT NUMBER: **GM-01-02**
 PROJECT NAME: **Buckland Park Groundwater Assessment**
 LOCATION: **Buckland Park**
 DRILLING CO: **WB Drilling Pty Ltd**
 DRILLING METHOD: **Solid Flight Auger**
 BOREHOLE DIAMETER: **100mm**
 DATE STARTED: **14/01/08** DATE COMPLETED: **14/01/08**

WELL PERMIT NUMBER: **N/A**
 TOTAL DEPTH (m bgl): **3.6**
 REFERENCE POINT (m AHD): **4.356**
 STATIC WATER LEVEL
 Date: **15/01/08** Depth (m bgl): **1.12**
 PROJECTION: **GDA 1994 MGA Zone 54**
 EASTING: **270644** NORTHING: **6161346**

DRILLING INFO.		MATERIAL PROPERTIES				FIELD RECORDS / CONSTRUCTION INFO.		
METHOD (no resistance) PENETRATION (refusal)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY REL. DENSITY	COMMENTS	WELL INSTALLATION	WELL DESCRIPTION



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LOGGED: David Poulsen

CHECKED: _____

DATE: 14/01/08

DATE: _____



FIELD BOREHOLE / WELL LOG

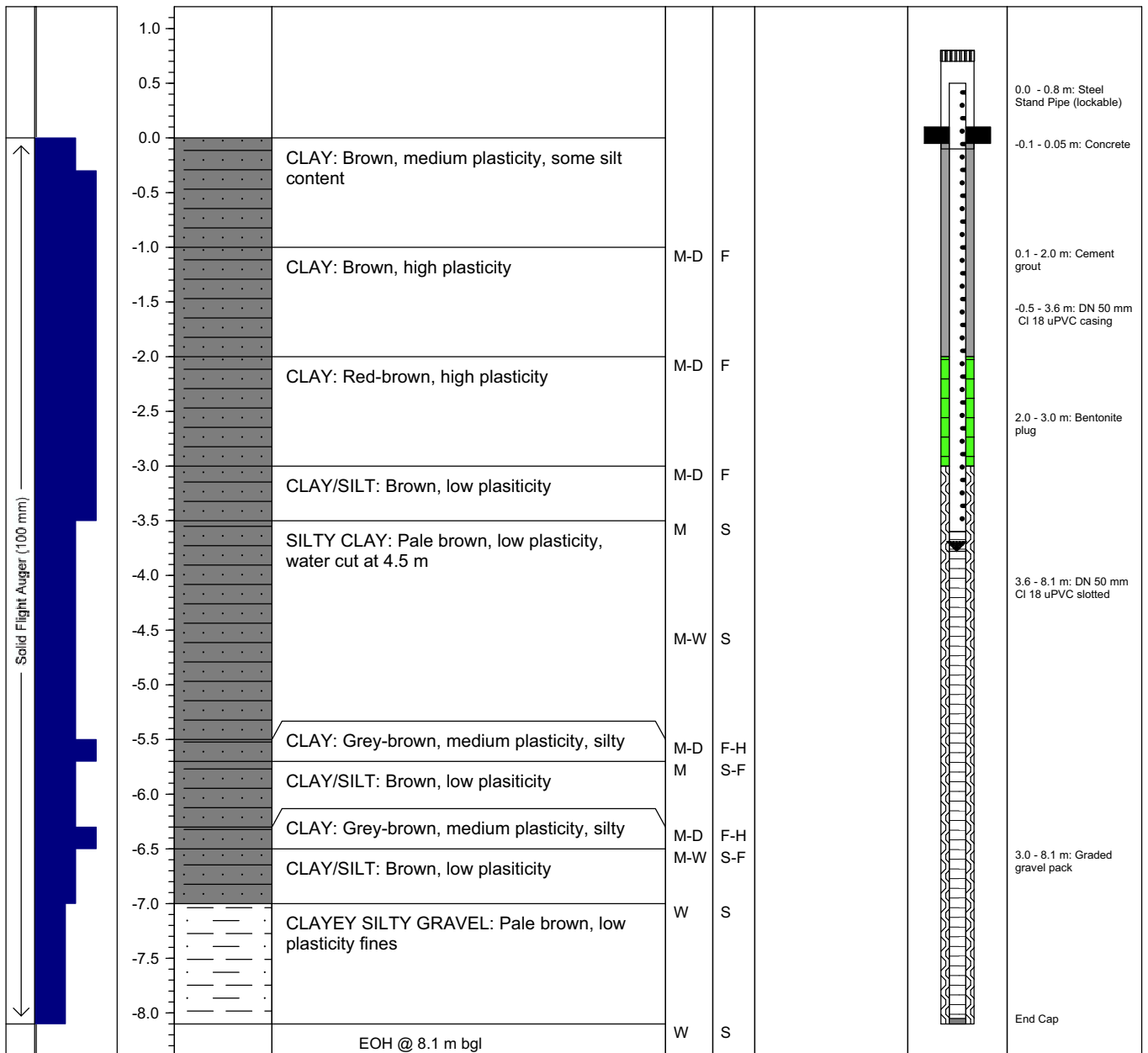
BOREHOLE / WELL NUMBER

MWREM05

PROJECT NUMBER: **GM-01-02**
 PROJECT NAME: **Buckland Park Groundwater Assessment**
 LOCATION: **Buckland Park**
 DRILLING CO: **WB Drilling Pty Ltd**
 DRILLING METHOD: **Solid Flight Auger**
 BOREHOLE DIAMETER: **100mm**
 DATE STARTED: **14/01/08** DATE COMPLETED: **14/01/08**

WELL PERMIT NUMBER: **N/A**
 TOTAL DEPTH (m bgl): **8.1**
 REFERENCE POINT (m AHD): **6.651**
 STATIC WATER LEVEL
 Date: **14/01/08** Depth (m bgl): **3.78**
 PROJECTION: **GDA 1994 MGA Zone 54**
 EASTING: **272258** NORTHING: **6162471**

DRILLING INFO.		MATERIAL PROPERTIES				FIELD RECORDS / CONSTRUCTION INFO.		
METHOD (no resistance) PENETRATION (refusal)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY REL. DENSITY	COMMENTS	WELL INSTALLATION	WELL DESCRIPTION



MOISTURE

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LOGGED: David Poulsen

CHECKED: _____

DATE: 14/01/08

DATE: _____



FIELD BOREHOLE / WELL LOG

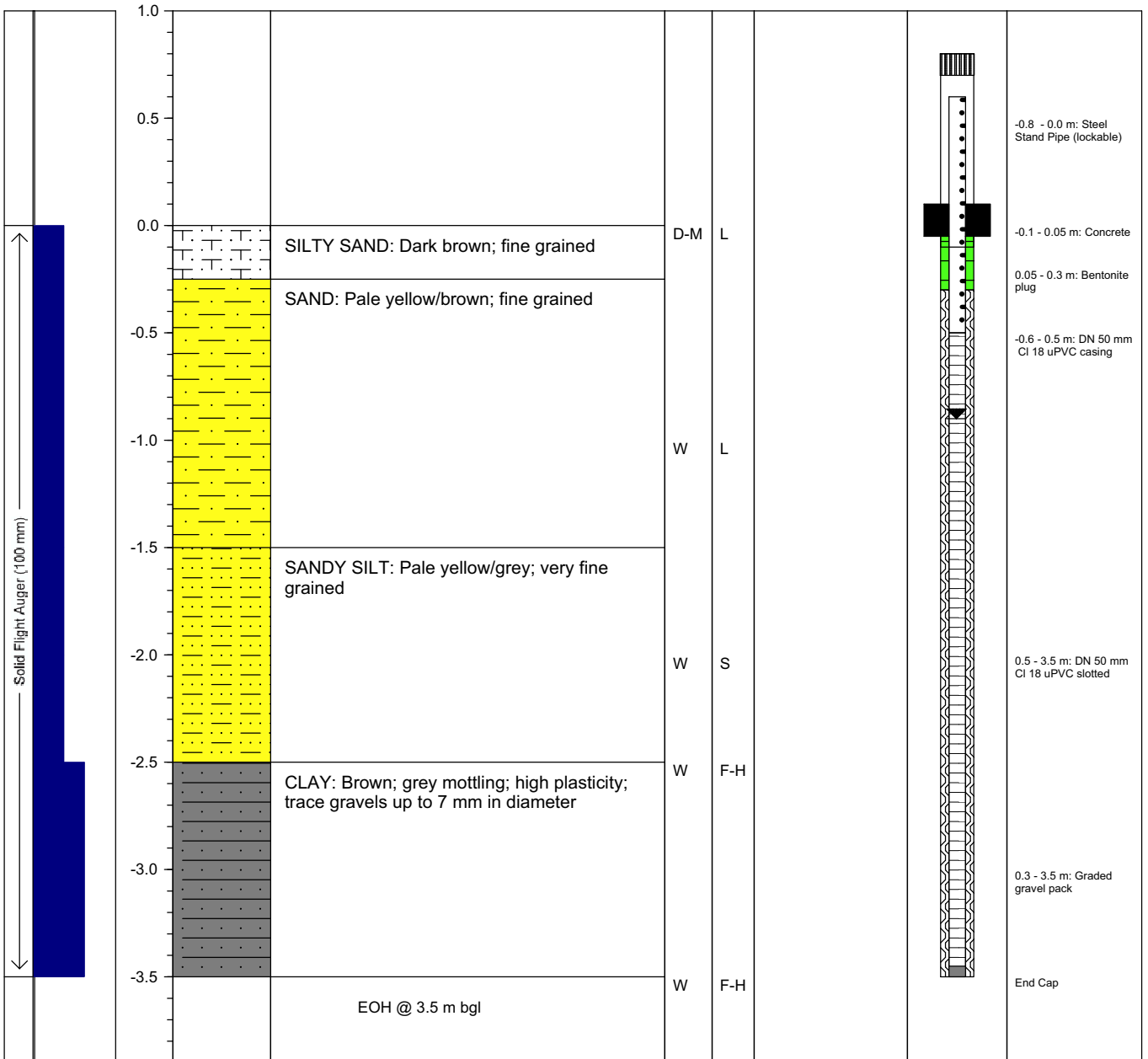
BOREHOLE / WELL NUMBER

MWREM06

PROJECT NUMBER: **GM-01-02**
 PROJECT NAME: **Buckland Park Groundwater Assessment**
 LOCATION: **Buckland Park**
 DRILLING CO: **WB Drilling Pty Ltd**
 DRILLING METHOD: **Solid Flight Auger**
 BOREHOLE DIAMETER: **100mm**
 DATE STARTED: **15/01/08** DATE COMPLETED: **15/01/08**

WELL PERMIT NUMBER: **N/A**
 TOTAL DEPTH (m bgl): **3.5**
 REFERENCE POINT (m AHD): **3.811**
 STATIC WATER LEVEL
 Date: **15/01/08** Depth (m bgl): **0.90**
 PROJECTION: **GDA 1994 MGA Zone 54**
 EASTING: **270674** NORTHING: **6160220**

DRILLING INFO.		MATERIAL PROPERTIES				FIELD RECORDS / CONSTRUCTION INFO.		
METHOD (no resistance) PENETRATION (refusal)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY REL. DENSITY	COMMENTS	WELL INSTALLATION	WELL DESCRIPTION



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 H = Hard VD = Very Dense

LOGGED: David Poulsen

CHECKED: _____

DATE: 15/01/08

DATE: _____



FIELD BOREHOLE / WELL LOG

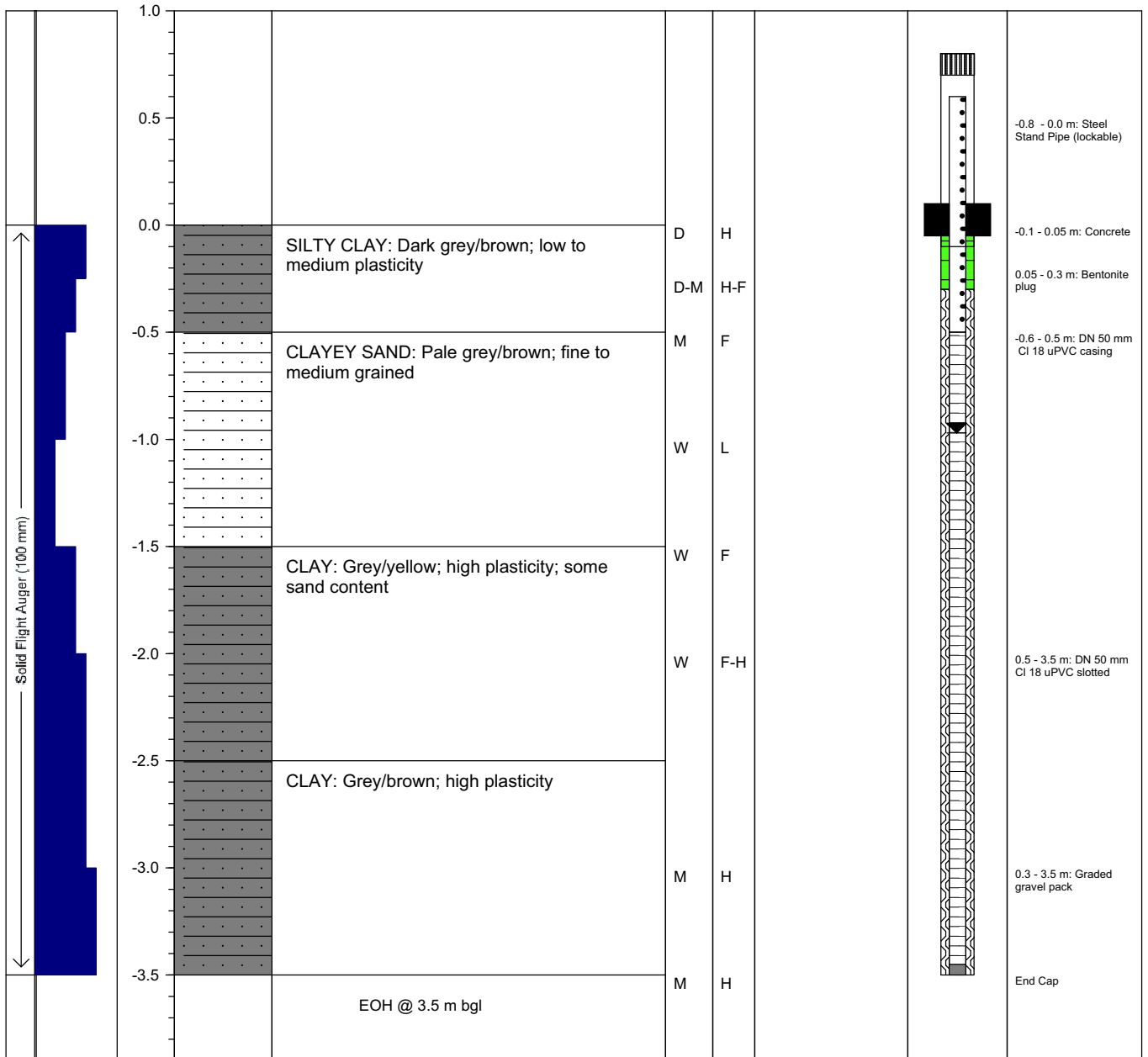
BOREHOLE / WELL NUMBER

MWREM07

PROJECT NUMBER: **GM-01-02**
 PROJECT NAME: **Buckland Park Groundwater Assessment**
 LOCATION: **Buckland Park**
 DRILLING CO: **WB Drilling Pty Ltd**
 DRILLING METHOD: **Solid Flight Auger**
 BOREHOLE DIAMETER: **100mm**
 DATE STARTED: **15/01/08** DATE COMPLETED: **15/01/08**

WELL PERMIT NUMBER: **N/A**
 TOTAL DEPTH (m bgl): **3.5**
 REFERENCE POINT (m AHD): **3.050**
 STATIC WATER LEVEL
 Date: **15/01/08** Depth (m bgl): **0.97**
 PROJECTION: **GDA 1994 MGA Zone 54**
 EASTING: **270772** NORTHING: **6159069**

DRILLING INFO.		MATERIAL PROPERTIES				FIELD RECORDS / CONSTRUCTION INFO.		
METHOD (no resistance) PENETRATION (refusal)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY REL. DENSITY	COMMENTS	WELL INSTALLATION	WELL DESCRIPTION



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W = Wet
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 F = Firm D = Dense
 H = Hard VD = Very Dense

LOGGED: David Poulsen

CHECKED: _____

DATE: 15/01/08

DATE: _____



FIELD BOREHOLE / WELL LOG

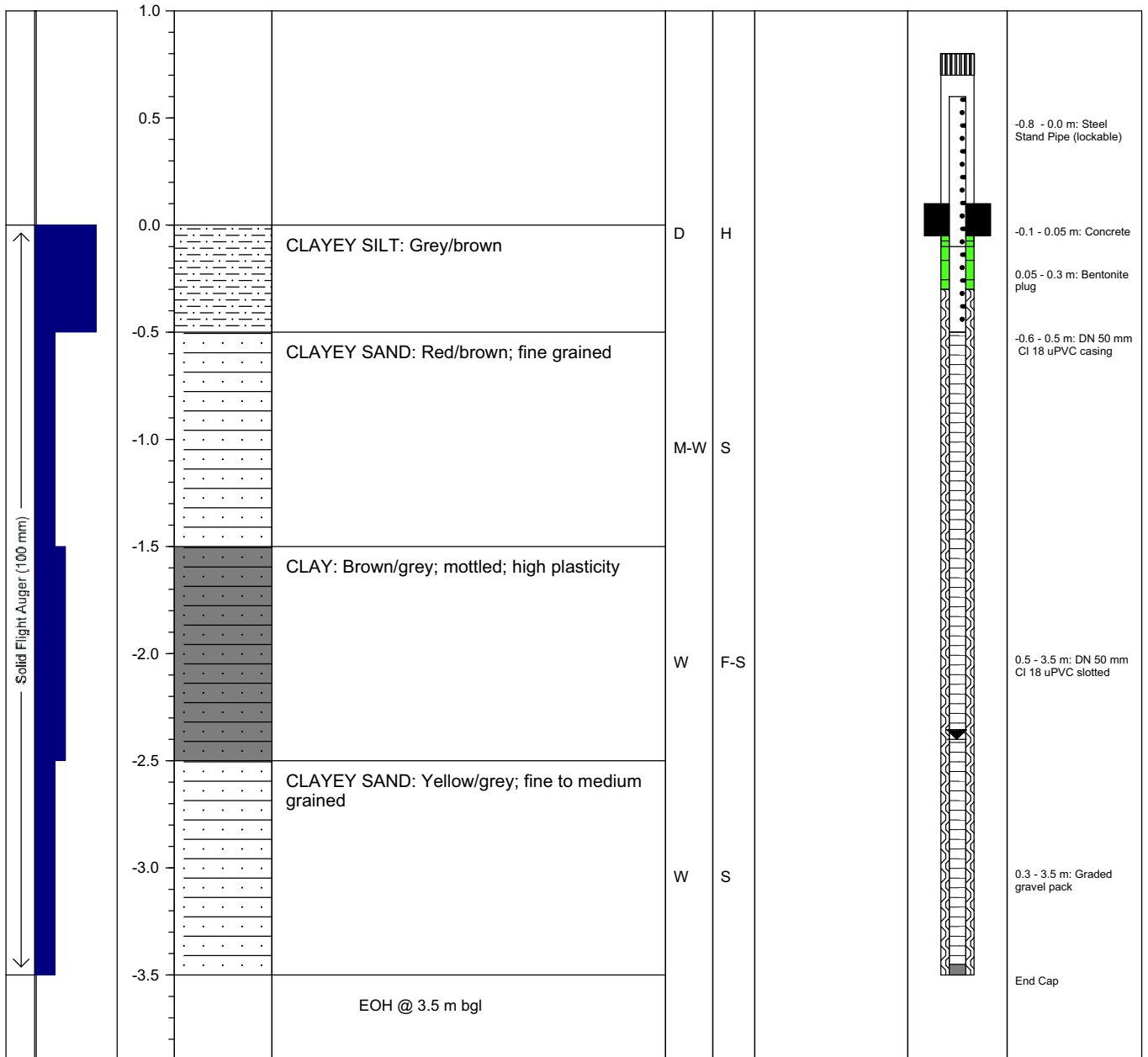
BOREHOLE / WELL NUMBER

MWREM08

PROJECT NUMBER: **GM-01-02**
 PROJECT NAME: **Buckland Park Groundwater Assessment**
 LOCATION: **Buckland Park**
 DRILLING CO: **WB Drilling Pty Ltd**
 DRILLING METHOD: **Solid Flight Auger**
 BOREHOLE DIAMETER: **100mm**
 DATE STARTED: **15/01/08** DATE COMPLETED: **15/01/08**

WELL PERMIT NUMBER: **N/A**
 TOTAL DEPTH (m bgl): **3.5**
 REFERENCE POINT (m AHD): **3.669**
 STATIC WATER LEVEL
 Date: **15/01/08** Depth (m bgl): **2.4**
 PROJECTION: **GDA 1994 MGA Zone 54**
 EASTING: **271896** NORTHING: **6159019**

DRILLING INFO.		MATERIAL PROPERTIES				FIELD RECORDS / CONSTRUCTION INFO.		
METHOD (no resistance) PENETRATION (refusal)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY REL. DENSITY	COMMENTS	WELL INSTALLATION	WELL DESCRIPTION



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 H = Hard VD = Very Dense

LOGGED: David Poulsen

CHECKED: _____

DATE: 15/01/08

DATE: _____



FIELD BOREHOLE / WELL LOG

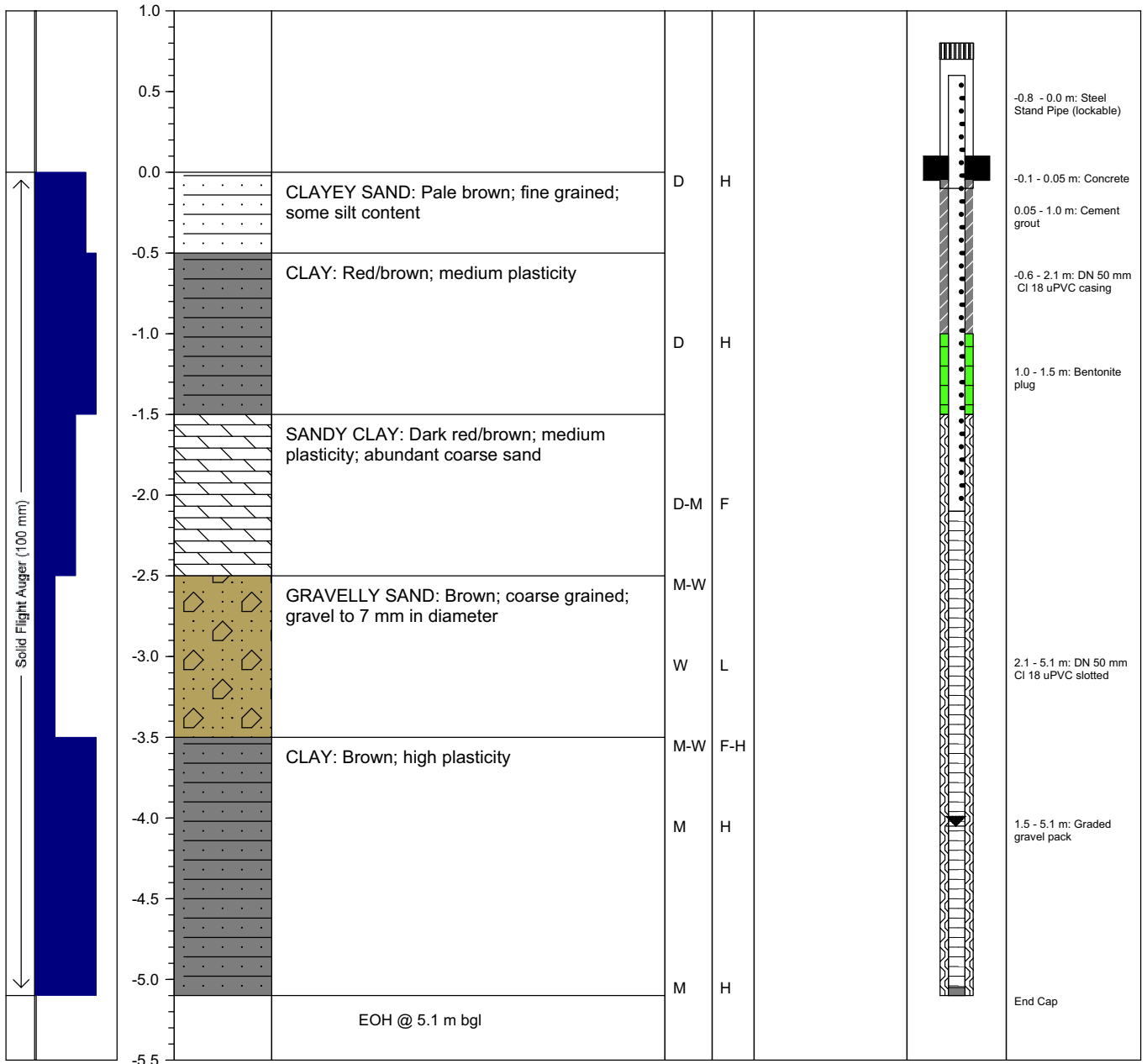
BOREHOLE / WELL NUMBER

MWREM09

PROJECT NUMBER: **GM-01-02**
 PROJECT NAME: **Buckland Park Groundwater Assessment**
 LOCATION: **Buckland Park**
 DRILLING CO: **WB Drilling Pty Ltd**
 DRILLING METHOD: **Solid Flight Auger**
 BOREHOLE DIAMETER: **100mm**
 DATE STARTED: **15/01/08** DATE COMPLETED: **15/01/08**

WELL PERMIT NUMBER: **N/A**
 TOTAL DEPTH (m bgl): **5.1**
 REFERENCE POINT (m AHD): **5.368**
 STATIC WATER LEVEL
 Date: **15/01/08** Depth (m bgl): **4.05**
 PROJECTION: **GDA 1994 MGA Zone 54**
 EASTING: **271475** NORTHING: **6159993**

DRILLING INFO.		MATERIAL PROPERTIES				FIELD RECORDS / CONSTRUCTION INFO.		
METHOD (no resistance) PENETRATION (refusal)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY REL. DENSITY	COMMENTS	WELL INSTALLATION	WELL DESCRIPTION



MOISTURE

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 M = Moist
 D = Dry

STRENGTH

Fine Grain Coarse Grain
 S = Soft L = Loose
 F = Firm D = Dense
 H = Hard VD = Very Dense

LOGGED: David Poulsen

CHECKED: _____

DATE: 15/01/08

DATE: _____



FIELD BOREHOLE / WELL LOG

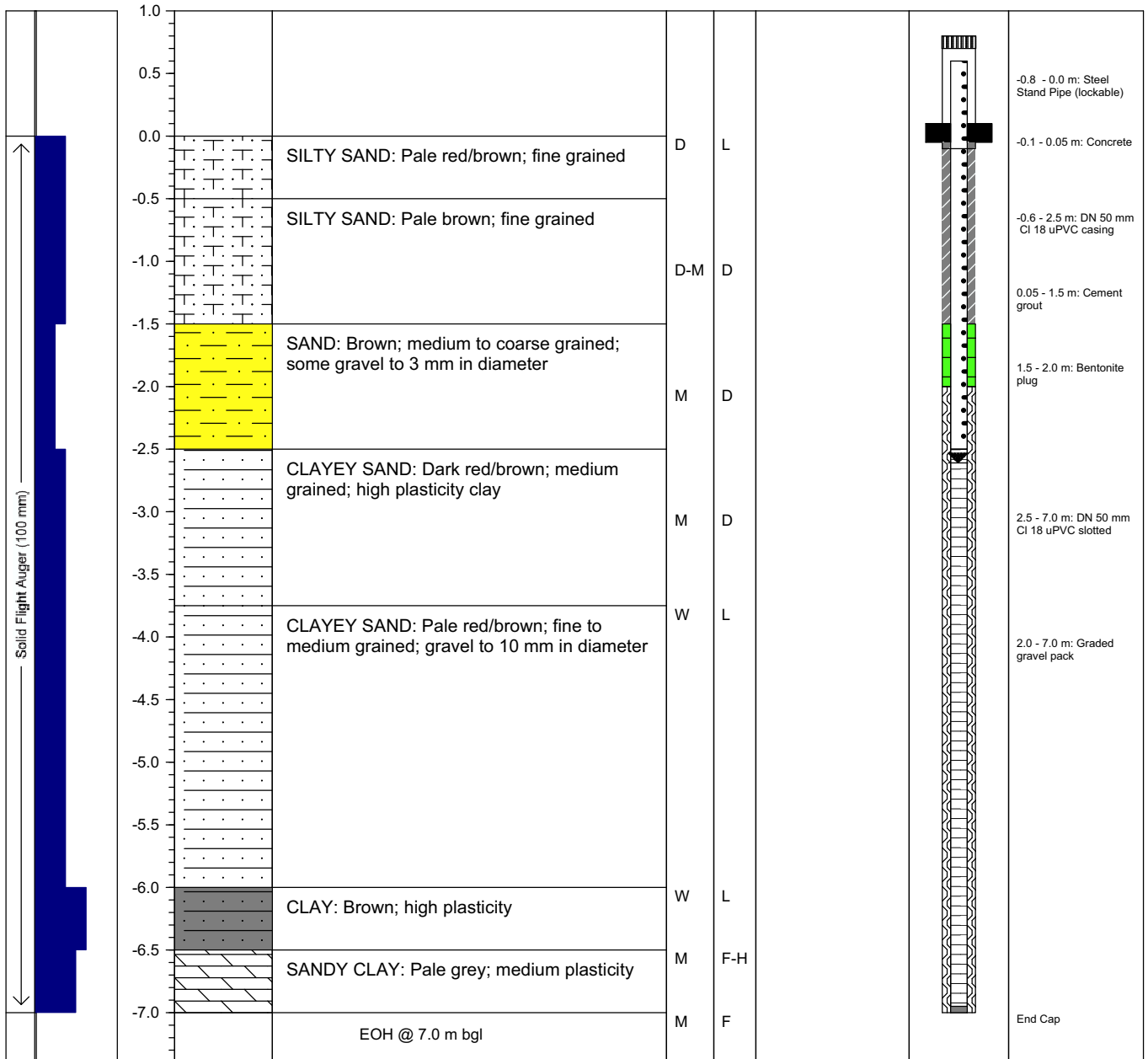
BOREHOLE / WELL NUMBER

MWREM11

PROJECT NUMBER: **GM-01-02**
 PROJECT NAME: **Buckland Park Groundwater Assessment**
 LOCATION: **Buckland Park**
 DRILLING CO: **WB Drilling Pty Ltd**
 DRILLING METHOD: **Solid Flight Auger**
 BOREHOLE DIAMETER: **100mm**
 DATE STARTED: **15/01/08** DATE COMPLETED: **15/01/08**

WELL PERMIT NUMBER: **N/A**
 TOTAL DEPTH (m bgl): **7.0**
 REFERENCE POINT (m AHD): **6.646**
 STATIC WATER LEVEL
 Date: **15/01/08** Depth (m bgl): **2.61**
 PROJECTION: **GDA 1994 MGA Zone 54**
 EASTING: **271717** NORTHING: **6161581**

DRILLING INFO.		MATERIAL PROPERTIES				FIELD RECORDS / CONSTRUCTION INFO.		
METHOD (no resistance) PENETRATION (refusal)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY REL. DENSITY	COMMENTS	WELL INSTALLATION	WELL DESCRIPTION



MOISTURE

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STRENGTH

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 H = Hard VD = Very Dense

LOGGED: David Poulsen

CHECKED: _____

DATE: 15/01/08

DATE: _____



FIELD BOREHOLE / WELL LOG

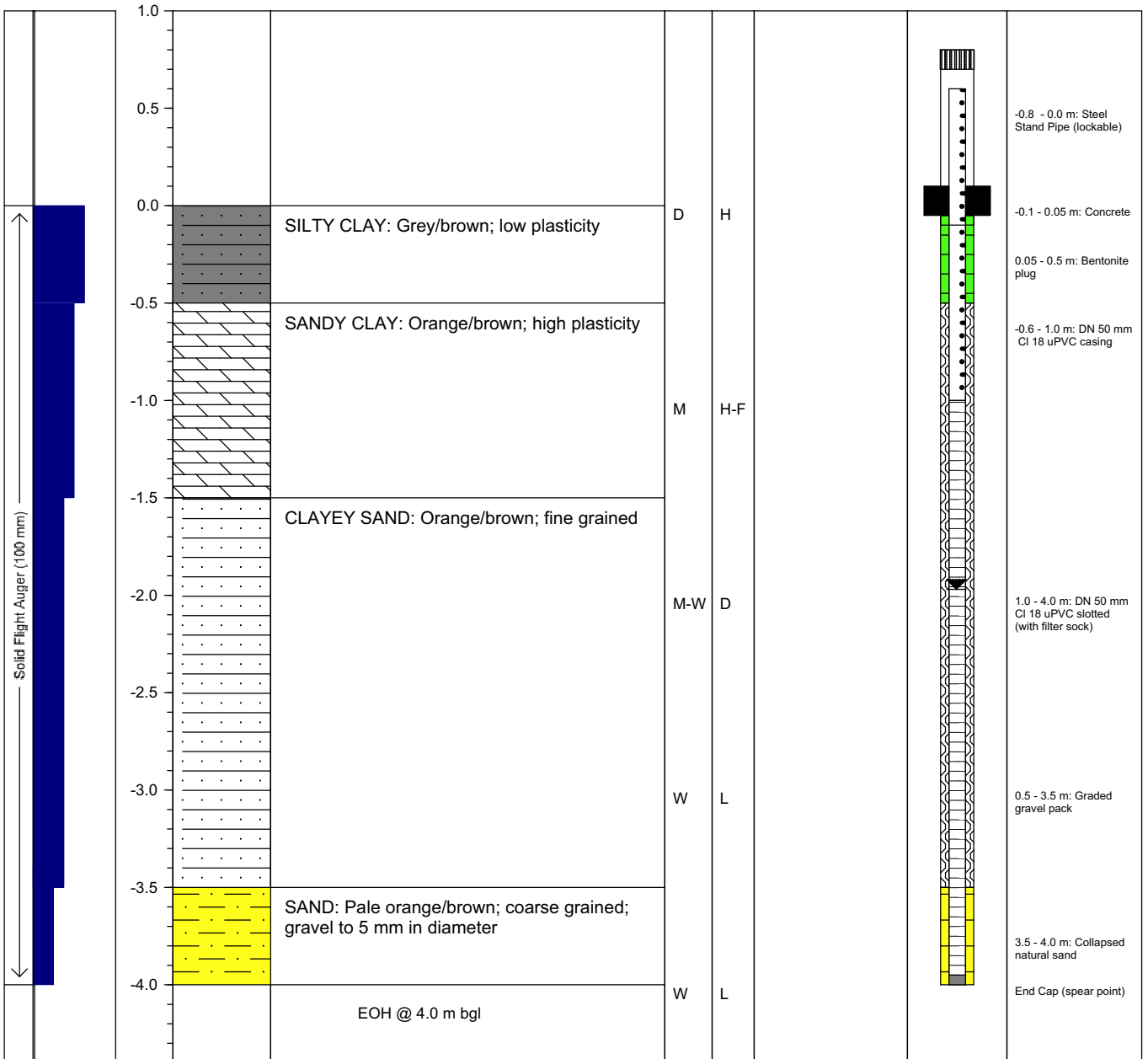
BOREHOLE / WELL NUMBER

MWREM12

PROJECT NUMBER: **GM-01-02**
 PROJECT NAME: **Buckland Park Groundwater Assessment**
 LOCATION: **Buckland Park**
 DRILLING CO: **WB Drilling Pty Ltd**
 DRILLING METHOD: **Solid Flight Auger**
 BOREHOLE DIAMETER: **100mm**
 DATE STARTED: **15/01/08** DATE COMPLETED: **15/01/08**

WELL PERMIT NUMBER: **N/A**
 TOTAL DEPTH (m bgl): **4.0**
 REFERENCE POINT (m AHD): **4.173**
 STATIC WATER LEVEL
 Date: **15/01/08** Depth (m bgl): **1.97**
 PROJECTION: **GDA 1994 MGA Zone 54**
 EASTING: **272248** NORTHING: **6160113**

DRILLING INFO.		MATERIAL PROPERTIES			FIELD RECORDS / CONSTRUCTION INFO.			
METHOD (no resistance) PENETRATION (refusal)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY REL. DENSITY	COMMENTS	WELL INSTALLATION	WELL DESCRIPTION



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Fine Grain Coarse Grain
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 F = Firm D = Dense
 H = Hard VD = Very Dense

LOGGED: David Poulsen

CHECKED: _____

DATE: 15/01/08

DATE: _____

Appendix C

Well permits for wells installed by REM

GOVERNMENT OF SOUTH AUSTRALIA
DEPARTMENT OF WATER, LAND AND BIODIVERSITY CONSERVATION

RESOURCE ALLOCATION DIVISION
GPO Box 2834 Adelaide SA 5001
Ph: 8463 6913 Fax: 8463 6840

PERMIT to undertake a WATER AFFECTING ACTIVITY
pursuant to section 135 of the *Natural Resources Management Act 2004*
WELL PERMIT

Subject to full compliance with all the procedures, specifications and limitations contained or referred to, in the conditions set out below,

Permit No:	141391
Expiry Date:	20/12/2008

Permission is hereby granted to: RESOURCE AND ENVIRONMENTAL
MANAGEMENT
ACN 098 108 877
UNIT 9, 15 FULLARTON ROAD
KENT TOWN SA 5067

To undertake the following water affecting activity:

Activity: Well Construction and Backfill
Well Use: Investigation

CONDITIONS:

1. The activity authorised by this permit must only be undertaken on the land described below:
CT 5916/59
Allotment 1 in Deposited Plan 63928
Hundred of Port Adelaide
2. All work is to be carried out in accordance with the enclosed general specifications.
3. The well is not to penetrate beyond a maximum depth of 10 metres.
4. If the well is considered unsatisfactory, it may be abandoned and a replacement well may then be constructed provided that the abandoned well is backfilled prior to the drill rig leaving the site.
5. Water samples are required from all wells drilled in respect of this permit.
6. Strata samples are not required.
7. The licensed well driller must forward with his report a plan obtained from the permit holder, who must mark thereon the location of all wells drilled in respect of this permit.
8. All wells must be drilled vertical unless written permission is obtained from the Minister.
9. Additional land parcels that this activity is authorised to be undertaken on are as

shown on the map marked as appendix A.

NOTES:

1. Under section 202(1)(b)(ii) of the Natural Resources Management Act 2004, you have a right of appeal to the Environment, Resources and Development Court against the imposition of any condition on this permit. The appeal must be instituted within six weeks of the date of permit issue. The appeal must also be served upon this department within that time.
2. This permit is not transferable.
3. This well construction permit is not an authorisation for a person to enter private property and prior authority must be obtained from the land owner in all circumstances.
4. The issue of this permit does not negate the requirement to comply with the provisions of other Acts that may impact on the activity undertaken pursuant to this permit.

TAKE NOTE that the permit holder, or a person acting on behalf of the permit holder, who contravenes or fails to comply with a condition of this permit is guilty of an offence, and such acts or omissions may result in the variation, suspension or revocation of the permit.



Robert Freeman
A/ COORDINATOR WATER LICENSING
Delegate of Minister for Environment and Conservation

Date: 20/12/2007

DEPARTMENT OF WATER, LAND AND BIODIVERSITY CONSERVATION

RESOURCE ALLOCATION DIVISION
GPO Box 2834 Adelaide SA 5001
Ph: 8463 6913 Fax: 8463 6840

PERMIT to undertake a WATER AFFECTING ACTIVITY

pursuant to section 135 of the *Natural Resources Management Act 2004*

WELL PERMIT

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Permit No:	141392
Expiry Date:	20/12/2008

Permission is hereby granted to: RESOURCE AND ENVIRONMENTAL
MANAGEMENT
ACN 098 108 877
UNIT 9, 15 FULLARTON ROAD
KENT TOWN SA 5067

To undertake the following water affecting activity:

Activity: Well Construction and Backfill
Well Use: Investigation

CONDITIONS:

1. The activity authorised by this permit must only be undertaken on the land described below:

CT 5916/59
Allotment 1 in Deposited Plan 63928
Hundred of Port Adelaide
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3. The well is not to penetrate beyond a maximum depth of 10 metres.
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Robert Freeman
A/ COORDINATOR WATER LICENSING
Delegate of Minister for Environment and Conservation

Date: 20/12/2007

DEPARTMENT OF WATER, LAND AND BIODIVERSITY CONSERVATION

RESOURCE ALLOCATION DIVISION

GPO Box 2834 Adelaide SA 5001

Ph: 8463 6913 Fax: 8463 6840

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pursuant to section 135 of the *Natural Resources Management Act 2004*

WELL PERMIT

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Permit No:	141393
Expiry Date:	20/12/2008

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MANAGEMENT
ACN 098 108 877
UNIT 9, 15 FULLARTON ROAD
KENT TOWN SA 5067

To undertake the following water affecting activity:

Activity: Well Construction and Backfill
Well Use: Investigation

CONDITIONS:

1. The activity authorised by this permit must only be undertaken on the land described below:

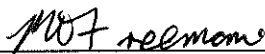
CT 5916/59
Allotment 1 in Deposited Plan 63928
Hundred of Port Adelaide
2. All work is to be carried out in accordance with the enclosed general specifications.
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NOTES:

1. Under section 202(1)(b)(ii) of the Natural Resources Management Act 2004, you have a right of appeal to the Environment, Resources and Development Court against the imposition of any condition on this permit. The appeal must be instituted within six weeks of the date of permit issue. The appeal must also be served upon this department within that time.
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Robert Freeman
A/ COORDINATOR WATER LICENSING
Delegate of Minister for Environment and Conservation

Date: 20/12/2007

DEPARTMENT OF WATER, LAND AND BIODIVERSITY CONSERVATION

RESOURCE ALLOCATION DIVISION

GPO Box 2834 Adelaide SA 5001

Ph: 8463 6913 Fax: 8463 6840

PERMIT to undertake a WATER AFFECTING ACTIVITY

pursuant to section 135 of the *Natural Resources Management Act 2004*

WELL PERMIT

Subject to full compliance with all the procedures, specifications and limitations contained or referred to, in the conditions set out below,

Permit No:	141394
Expiry Date:	20/12/2008

Permission is hereby granted to: RESOURCE AND ENVIRONMENTAL
MANAGEMENT
ACN 098 108 877
UNIT 9, 15 FULLARTON ROAD
KENT TOWN SA 5067

To undertake the following water affecting activity:

Activity: Well Construction and Backfill
Well Use: Investigation

CONDITIONS:

1. The activity authorised by this permit must only be undertaken on the land described below:

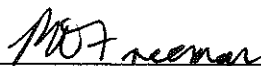
CT 5916/59
Allotment 1 in Deposited Plan 63928
Hundred of Port Adelaide
2. All work is to be carried out in accordance with the enclosed general specifications.
3. The well is not to penetrate beyond a maximum depth of 10 metres.
4. If the well is considered unsatisfactory, it may be abandoned and a replacement well may then be constructed provided that the abandoned well is backfilled prior to the drill rig leaving the site.
5. Water samples are required from all wells drilled in respect of this permit.
6. Strata samples are not required.
7. The licensed well driller must forward with his report a plan obtained from the permit holder, who must mark thereon the location of all wells drilled in respect of this permit.
8. All wells must be drilled vertical unless written permission is obtained from the Minister.
9. Additional land parcels that this activity is authorised to be undertaken on are as

shown on the map marked as appendix A.

NOTES:

1. Under section 202(1)(b)(ii) of the Natural Resources Management Act 2004, you have a right of appeal to the Environment, Resources and Development Court against the imposition of any condition on this permit. The appeal must be instituted within six weeks of the date of permit issue. The appeal must also be served upon this department within that time.
2. This permit is not transferable.
3. This well construction permit is not an authorisation for a person to enter private property and prior authority must be obtained from the land owner in all circumstances.
4. The issue of this permit does not negate the requirement to comply with the provisions of other Acts that may impact on the activity undertaken pursuant to this permit.

TAKE NOTE that the permit holder, or a person acting on behalf of the permit holder, who contravenes or fails to comply with a condition of this permit is guilty of an offence, and such acts or omissions may result in the variation, suspension or revocation of the permit.



Robert Freeman
A/ COORDINATOR WATER LICENSING
Delegate of Minister for Environment and Conservation

Date: 20/12/2007

DEPARTMENT OF WATER, LAND AND BIODIVERSITY CONSERVATION

RESOURCE ALLOCATION DIVISION

GPO Box 2834 Adelaide SA 5001

Ph: 8463 6913 Fax: 8463 6840

PERMIT to undertake a WATER AFFECTING ACTIVITY

pursuant to section 135 of the *Natural Resources Management Act 2004*

WELL PERMIT

Subject to full compliance with all the procedures, specifications and limitations contained or referred to, in the conditions set out below,

Permit No:	141395
Expiry Date:	20/12/2008

Permission is hereby granted to: RESOURCE AND ENVIRONMENTAL
MANAGEMENT
ACN 098 108 877
UNIT 9, 15 FULLARTON ROAD
KENT TOWN SA 5067

To undertake the following water affecting activity:

Activity: Well Construction and Backfill
Well Use: Investigation

CONDITIONS:

1. The activity authorised by this permit must only be undertaken on the land described below:

CT 5916/59
Allotment 1 in Deposited Plan 63928
Hundred of Port Adelaide
2. All work is to be carried out in accordance with the enclosed general specifications.
3. The well is not to penetrate beyond a maximum depth of 10 metres.
4. If the well is considered unsatisfactory, it may be abandoned and a replacement well may then be constructed provided that the abandoned well is backfilled prior to the drill rig leaving the site.
5. Water samples are required from all wells drilled in respect of this permit.
6. Strata samples are not required.
7. The licensed well driller must forward with his report a plan obtained from the permit holder, who must mark thereon the location of all wells drilled in respect of this permit.
8. All wells must be drilled vertical unless written permission is obtained from the Minister.
9. Additional land parcels that this activity is authorised to be undertaken on are as

shown on the map marked as appendix A.

NOTES:

1. Under section 202(1)(b)(ii) of the Natural Resources Management Act 2004, you have a right of appeal to the Environment, Resources and Development Court against the imposition of any condition on this permit. The appeal must be instituted within six weeks of the date of permit issue. The appeal must also be served upon this department within that time.
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Robert Freeman
A/ COORDINATOR WATER LICENSING
Delegate of Minister for Environment and Conservation

Date: 20/12/2007

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RESOURCE ALLOCATION DIVISION

GPO Box 2834 Adelaide SA 5001

Ph: 8463 6913 Fax: 8463 6840

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pursuant to section 135 of the *Natural Resources Management Act 2004*

WELL PERMIT

Subject to full compliance with all the procedures, specifications and limitations contained or referred to, in the conditions set out below,

Permit No:	141396
Expiry Date:	20/12/2008

Permission is hereby granted to:

RESOURCE AND ENVIRONMENTAL
MANAGEMENT
ACN 098 108 877
UNIT 9, 15 FULLARTON ROAD
KENT TOWN SA 5067

To undertake the following water affecting activity:

Activity: Well Construction and Backfill
Well Use: Investigation

CONDITIONS:

1. The activity authorised by this permit must only be undertaken on the land described below:

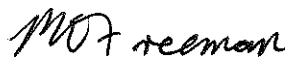
CT 5916/59
Allotment 1 in Deposited Plan 63928
Hundred of Port Adelaide
2. All work is to be carried out in accordance with the enclosed general specifications.
3. The well is not to penetrate beyond a maximum depth of 10 metres.
4. If the well is considered unsatisfactory, it may be abandoned and a replacement well may then be constructed provided that the abandoned well is backfilled prior to the drill rig leaving the site.
5. Water samples are required from all wells drilled in respect of this permit.
6. Strata samples are not required.
7. The licensed well driller must forward with his report a plan obtained from the permit holder, who must mark thereon the location of all wells drilled in respect of this permit.
8. All wells must be drilled vertical unless written permission is obtained from the Minister.
9. Additional land parcels that this activity is authorised to be undertaken on are as

shown on the map marked as appendix A.

NOTES:

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Robert Freeman
A/ COORDINATOR WATER LICENSING
Delegate of Minister for Environment and Conservation

Date: 20/12/2007

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RESOURCE ALLOCATION DIVISION

GPO Box 2834 Adelaide SA 5001

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pursuant to section 135 of the *Natural Resources Management Act 2004*

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Permit No:	141397
Expiry Date:	20/12/2008

Permission is hereby granted to: RESOURCE AND ENVIRONMENTAL
MANAGEMENT
ACN 098 108 877
UNIT 9, 15 FULLARTON ROAD
KENT TOWN SA 5067

To undertake the following water affecting activity:

Activity: Well Construction and Backfill
Well Use: Investigation

CONDITIONS:

1. The activity authorised by this permit must only be undertaken on the land described below:

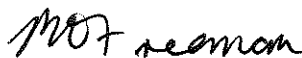
CT 5916/59
Allotment 1 in Deposited Plan 63928
Hundred of Port Adelaide
2. All work is to be carried out in accordance with the enclosed general specifications.
3. The well is not to penetrate beyond a maximum depth of 10 metres.
4. If the well is considered unsatisfactory, it may be abandoned and a replacement well may then be constructed provided that the abandoned well is backfilled prior to the drill rig leaving the site.
5. Water samples are required from all wells drilled in respect of this permit.
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NOTES:

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WELL PERMIT

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Permit No:	141398
Expiry Date:	20/12/2008

Permission is hereby granted to: RESOURCE AND ENVIRONMENTAL
MANAGEMENT
ACN 098 108 877
UNIT 9, 15 FULLARTON ROAD
KENT TOWN SA 5067

To undertake the following water affecting activity:

Activity: Well Construction and Backfill
Well Use: Investigation

CONDITIONS:

1. The activity authorised by this permit must only be undertaken on the land described below:

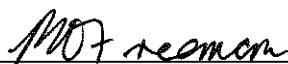
CT 5916/59
Allotment 1 in Deposited Plan 63928
Hundred of Port Adelaide
2. All work is to be carried out in accordance with the enclosed general specifications.
3. The well is not to penetrate beyond a maximum depth of 10 metres.
4. If the well is considered unsatisfactory, it may be abandoned and a replacement well may then be constructed provided that the abandoned well is backfilled prior to the drill rig leaving the site.
5. Water samples are required from all wells drilled in respect of this permit.
6. Strata samples are not required.
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NOTES:

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Robert Freeman
A/ COORDINATOR WATER LICENSING
Delegate of Minister for Environment and Conservation

Date: 20/12/2007

DEPARTMENT OF WATER, LAND AND BIODIVERSITY CONSERVATION

RESOURCE ALLOCATION DIVISION

GPO Box 2834 Adelaide SA 5001

Ph: 8463 6913 Fax: 8463 6840

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pursuant to section 135 of the *Natural Resources Management Act 2004*

WELL PERMIT

Subject to full compliance with all the procedures, specifications and limitations contained or referred to, in the conditions set out below,

Permit No:	141399
Expiry Date:	20/12/2008

Permission is hereby granted to: RESOURCE AND ENVIRONMENTAL
MANAGEMENT
ACN 098 108 877
UNIT 9, 15 FULLARTON ROAD
KENT TOWN SA 5067

To undertake the following water affecting activity:

Activity: Well Construction and Backfill
Well Use: Investigation

CONDITIONS:

1. The activity authorised by this permit must only be undertaken on the land described below:

CT 5916/59
Allotment 1 in Deposited Plan 63928
Hundred of Port Adelaide
2. All work is to be carried out in accordance with the enclosed general specifications.
3. The well is not to penetrate beyond a maximum depth of 10 metres.
4. If the well is considered unsatisfactory, it may be abandoned and a replacement well may then be constructed provided that the abandoned well is backfilled prior to the drill rig leaving the site.
5. Water samples are required from all wells drilled in respect of this permit.
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NOTES:

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Robert Freeman
A/ COORDINATOR WATER LICENSING
Delegate of Minister for Environment and Conservation

Date: 20/12/2007

DEPARTMENT OF WATER, LAND AND BIODIVERSITY CONSERVATION

RESOURCE ALLOCATION DIVISION
GPO Box 2834 Adelaide SA 5001
Ph: 8463 6913 Fax: 8463 6840

PERMIT to undertake a WATER AFFECTING ACTIVITY

pursuant to section 135 of the *Natural Resources Management Act 2004*

WELL PERMIT

Subject to full compliance with all the procedures, specifications and limitations contained or referred to, in the conditions set out below,

Permit No:	141400
Expiry Date:	20/12/2008

Permission is hereby granted to: RESOURCE AND ENVIRONMENTAL
MANAGEMENT
ACN 098 108 877
UNIT 9, 15 FULLARTON ROAD
KENT TOWN SA 5067

To undertake the following water affecting activity:

Activity: Well Construction and Backfill
Well Use: Investigation

CONDITIONS:

1. The activity authorised by this permit must only be undertaken on the land described below:

CT 5916/59
Allotment 1 in Deposited Plan 63928
Hundred of Port Adelaide
2. All work is to be carried out in accordance with the enclosed general specifications.
3. The well is not to penetrate beyond a maximum depth of 10 metres.
4. If the well is considered unsatisfactory, it may be abandoned and a replacement well may then be constructed provided that the abandoned well is backfilled prior to the drill rig leaving the site.
5. Water samples are required from all wells drilled in respect of this permit.
6. Strata samples are not required.
7. The licensed well driller must forward with his report a plan obtained from the permit holder, who must mark thereon the location of all wells drilled in respect of this permit.
8. All wells must be drilled vertical unless written permission is obtained from the Minister.
9. Additional land parcels that this activity is authorised to be undertaken on are as

shown on the map marked as appendix A.

NOTES:

1. Under section 202(1)(b)(ii) of the Natural Resources Management Act 2004, you have a right of appeal to the Environment, Resources and Development Court against the imposition of any condition on this permit. The appeal must be instituted within six weeks of the date of permit issue. The appeal must also be served upon this department within that time.
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Robert Freeman
A/ COORDINATOR WATER LICENSING
Delegate of Minister for Environment and Conservation

Date: 20/12/2007

DEPARTMENT OF WATER, LAND AND BIODIVERSITY CONSERVATION

RESOURCE ALLOCATION DIVISION
GPO Box 2834 Adelaide SA 5001
Ph: 8463 6913 Fax: 8463 6840

PERMIT to undertake a WATER AFFECTING ACTIVITY

pursuant to section 135 of the *Natural Resources Management Act 2004*

WELL PERMIT

Subject to full compliance with all the procedures, specifications and limitations contained or referred to, in the conditions set out below,

Permit No:	141401
Expiry Date:	20/12/2008

Permission is hereby granted to: RESOURCE AND ENVIRONMENTAL
MANAGEMENT
ACN 098 108 877
UNIT 9, 15 FULLARTON ROAD
KENT TOWN SA 5067

To undertake the following water affecting activity:

Activity: Well Construction and Backfill
Well Use: Investigation

CONDITIONS:

1. The activity authorised by this permit must only be undertaken on the land described below:

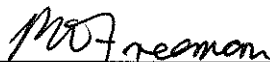
CT 5916/59
Allotment 1 in Deposited Plan 63928
Hundred of Port Adelaide
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Date: 20/12/2007