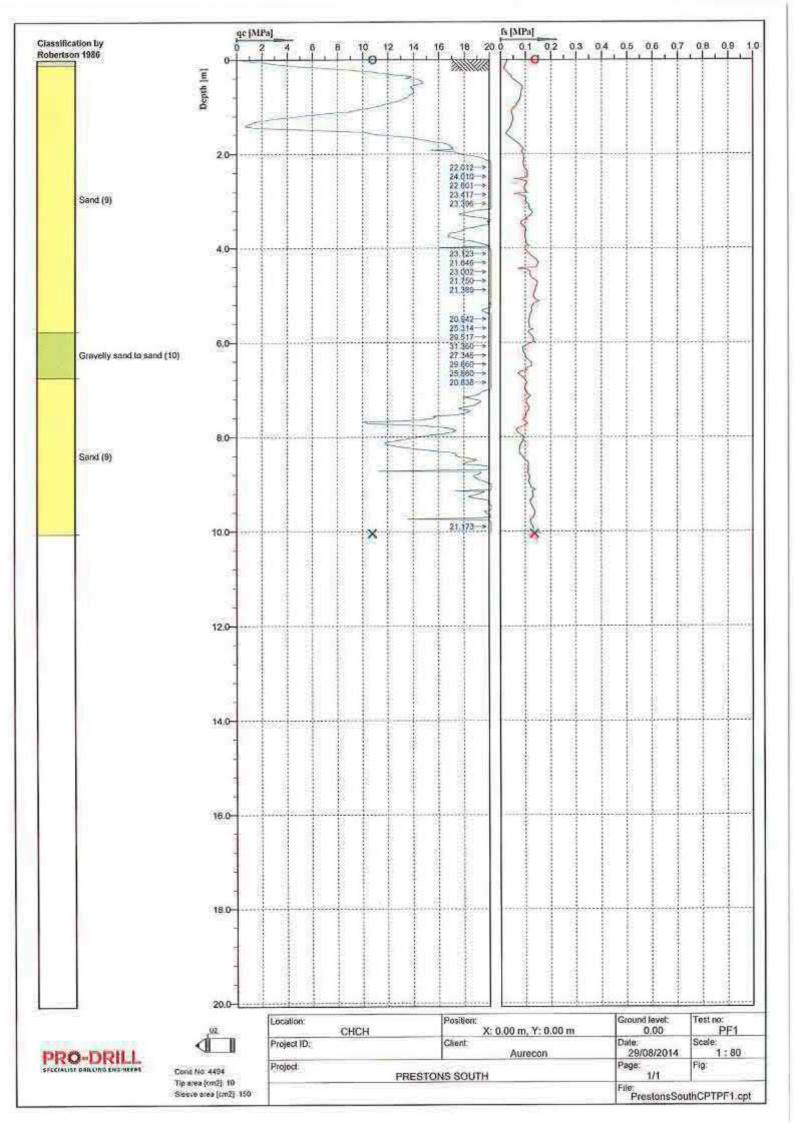
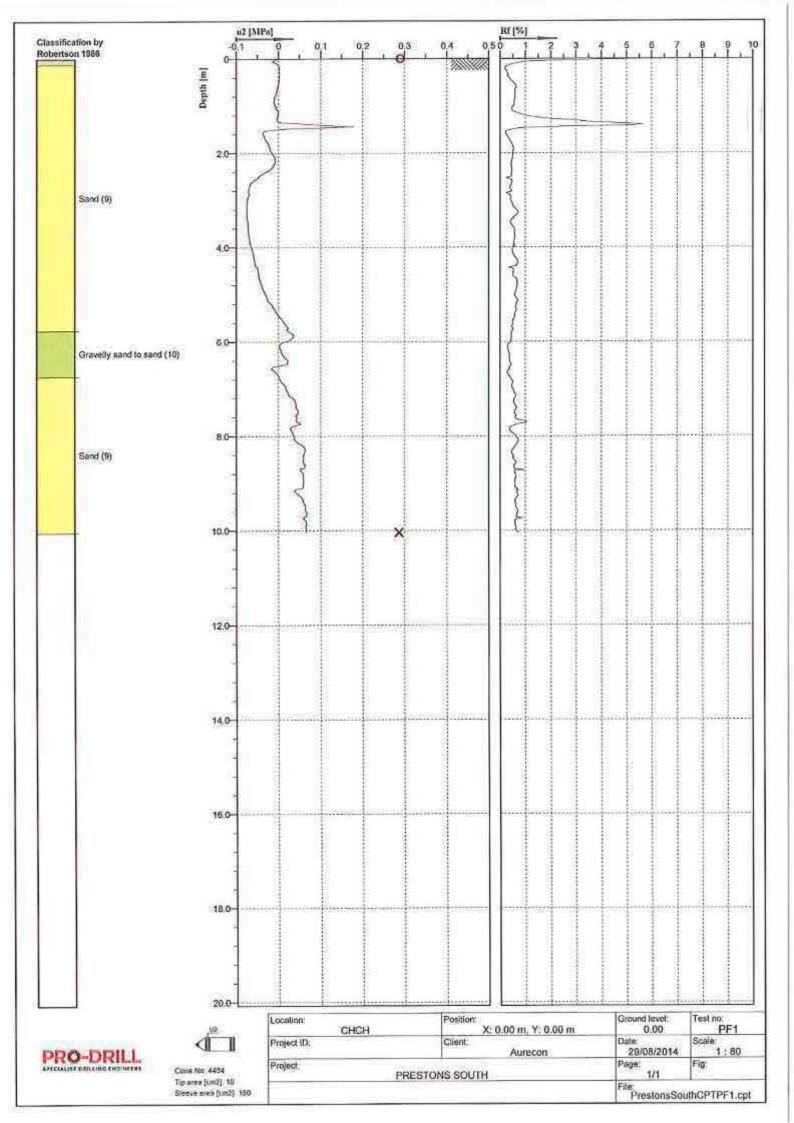
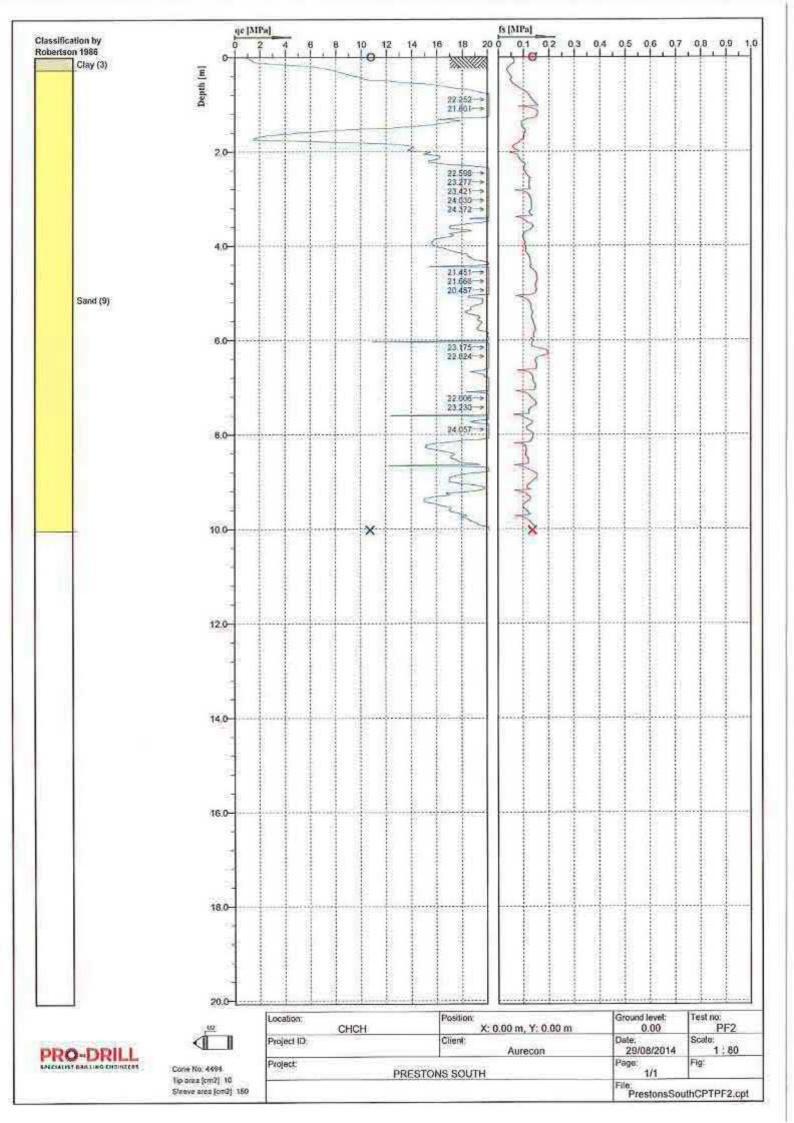
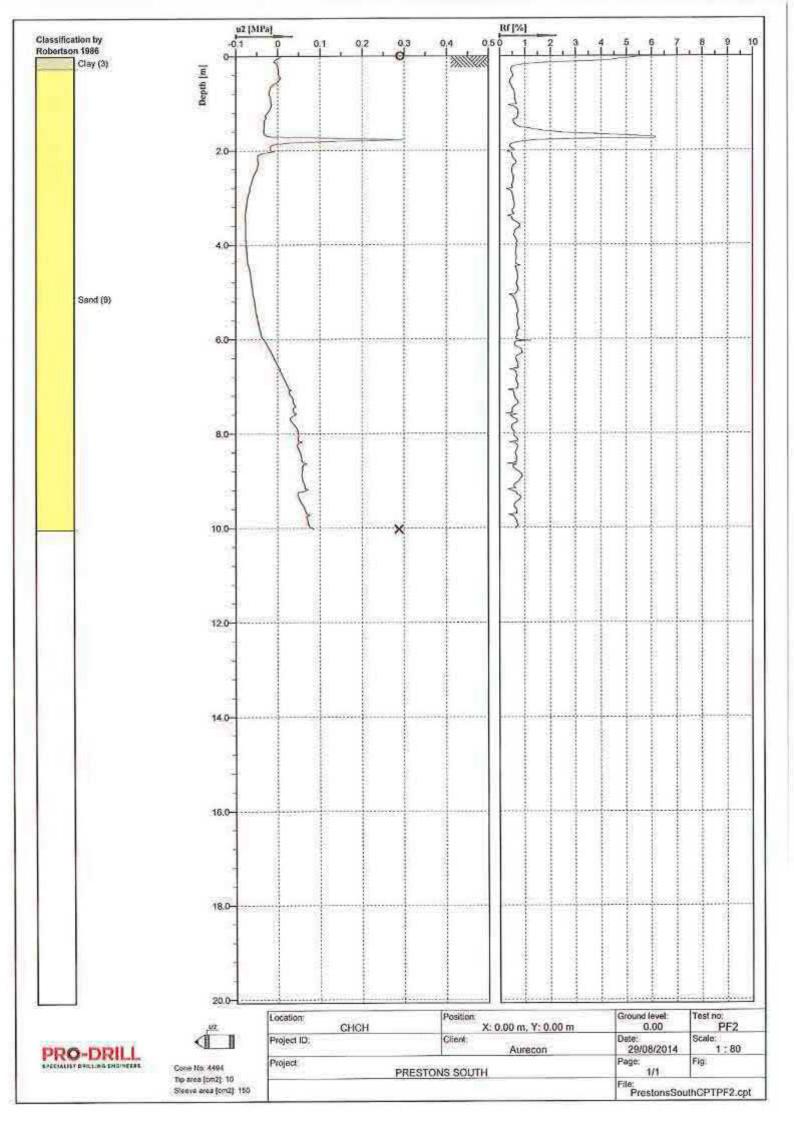
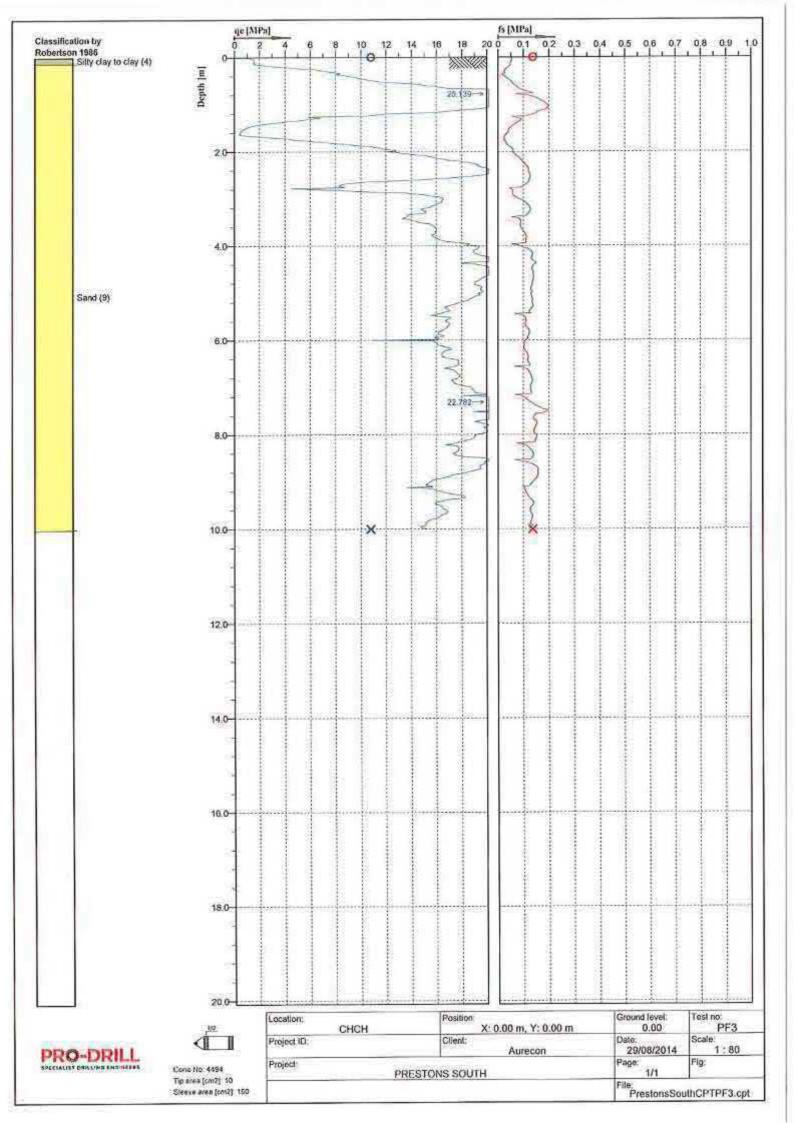
## Appendix I Post Earthfill CPT Logs

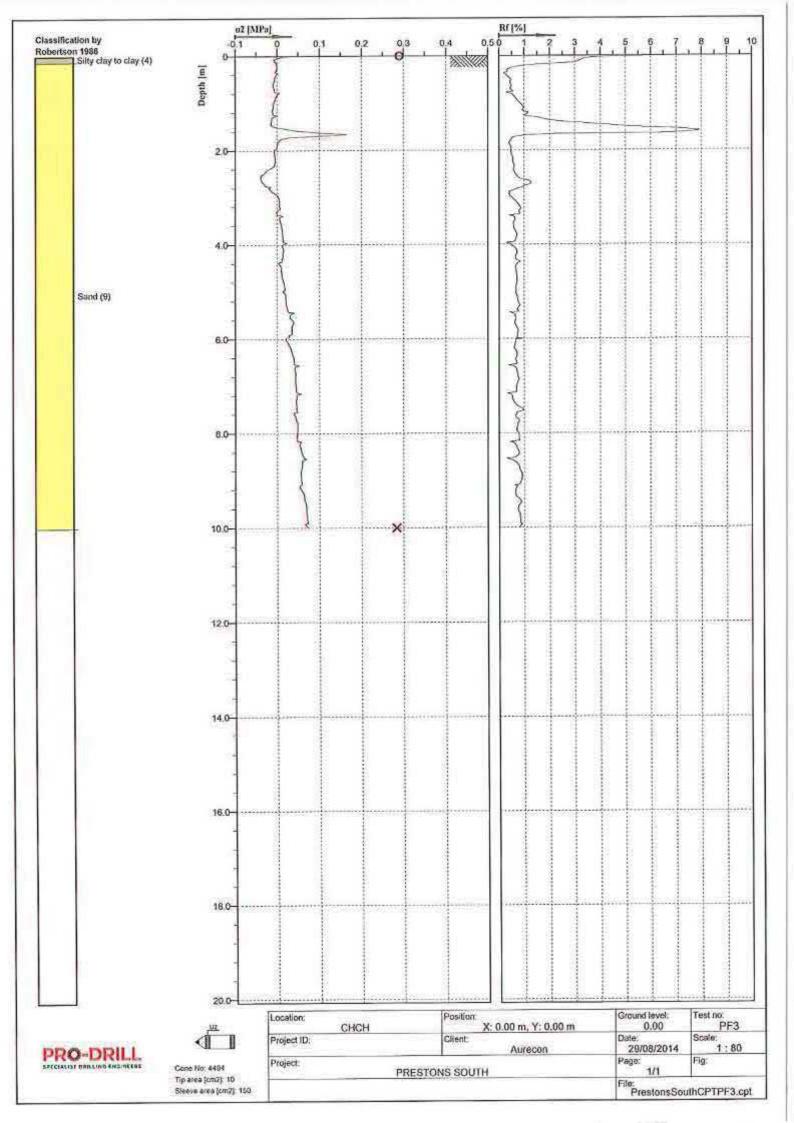


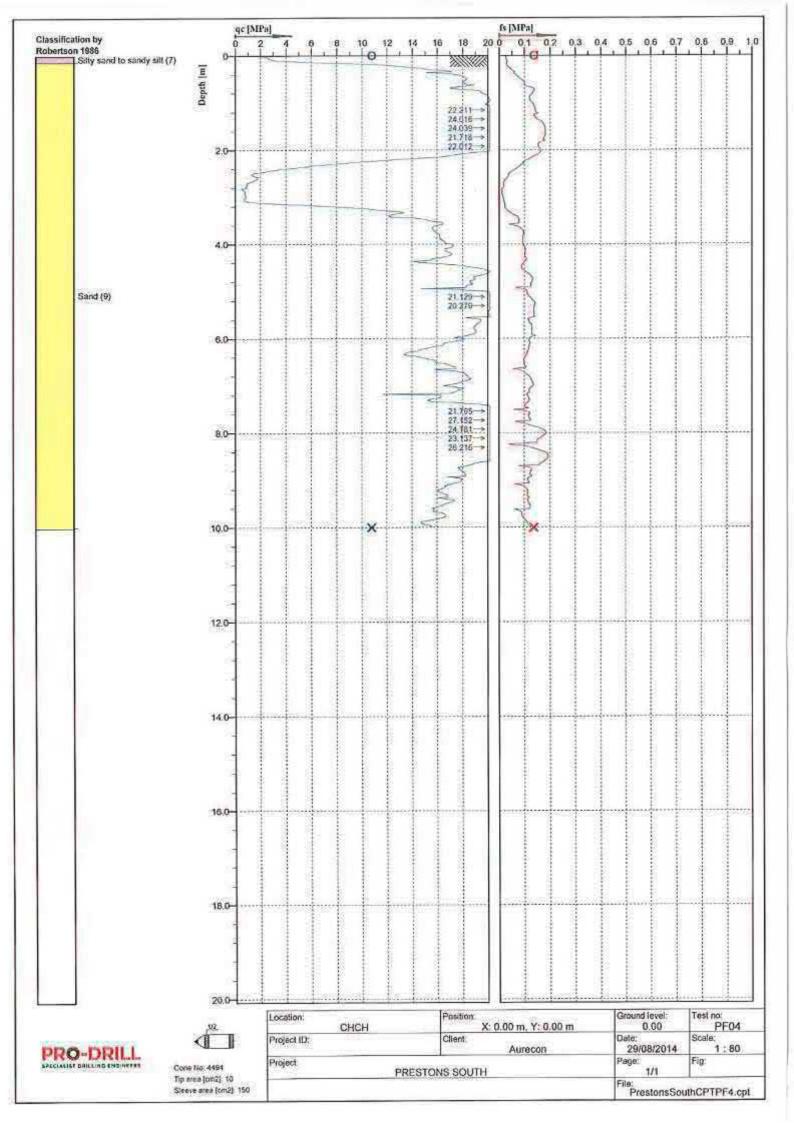


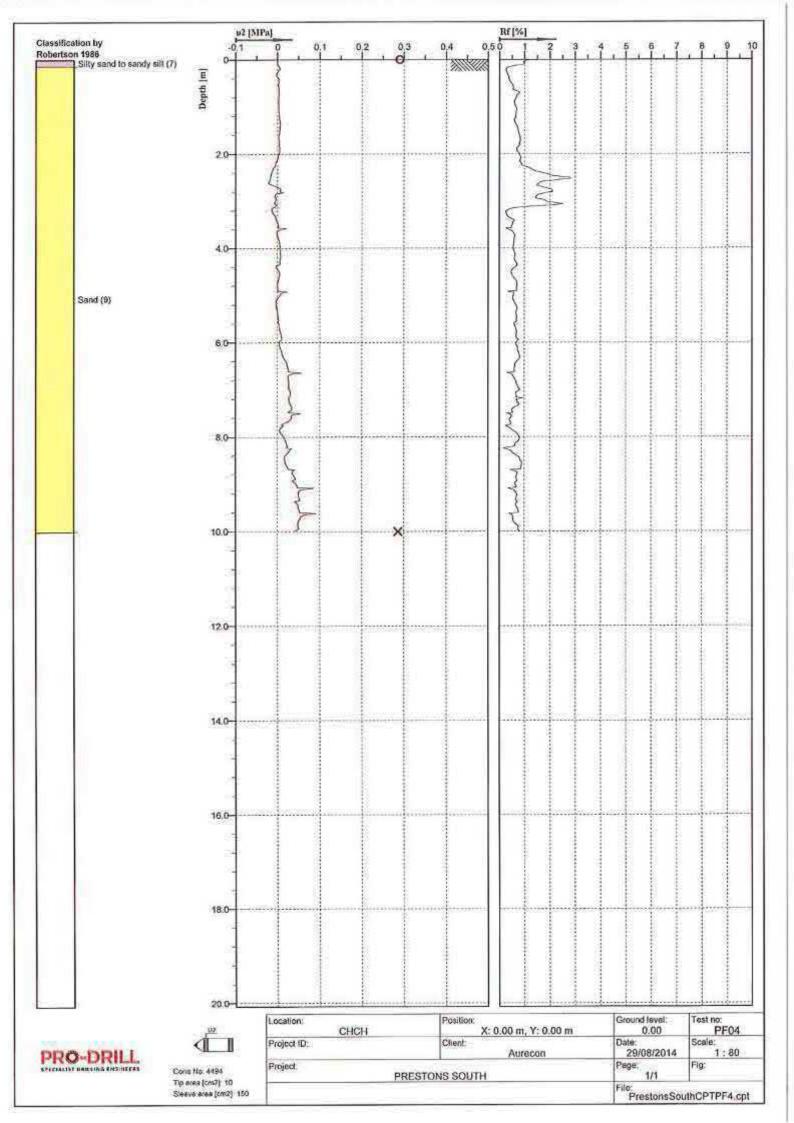


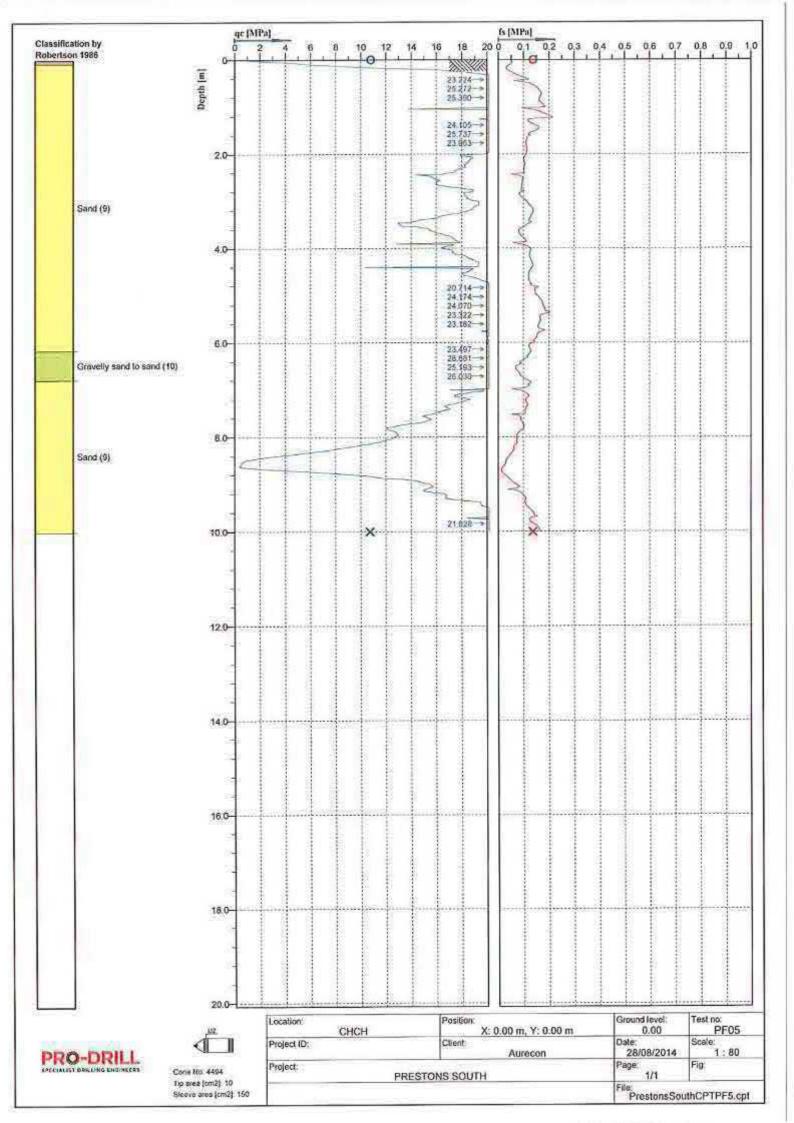


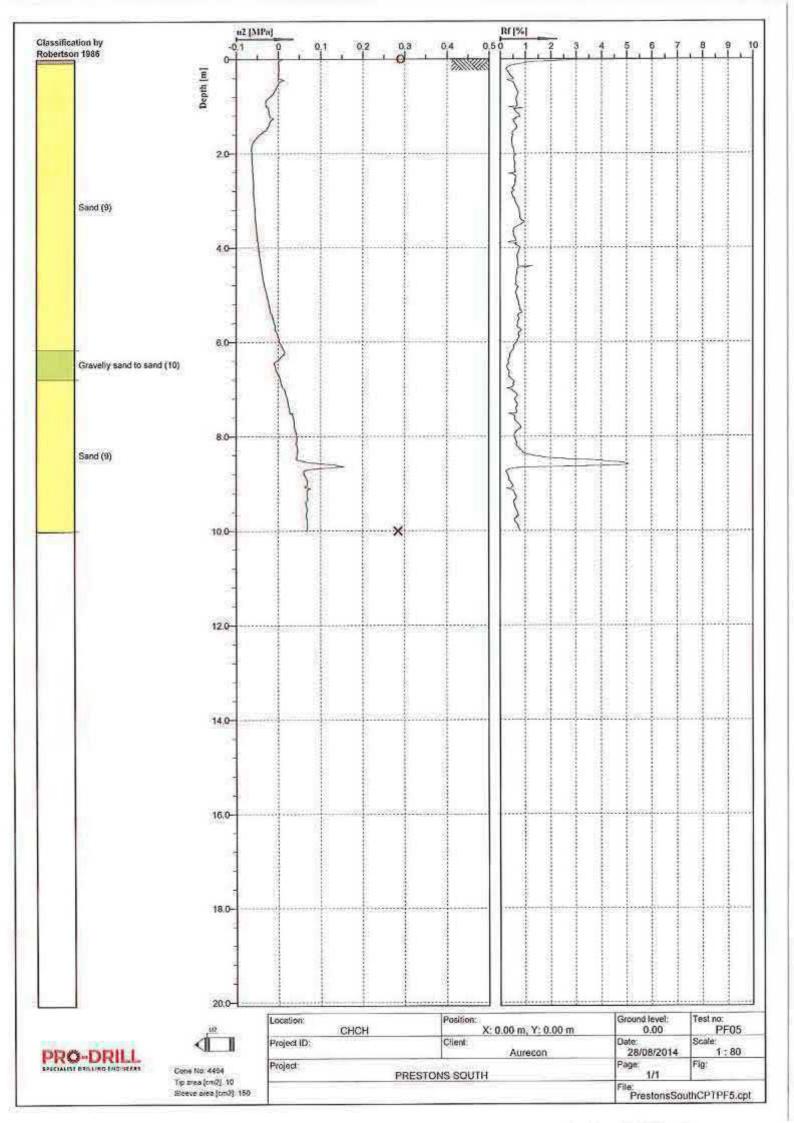


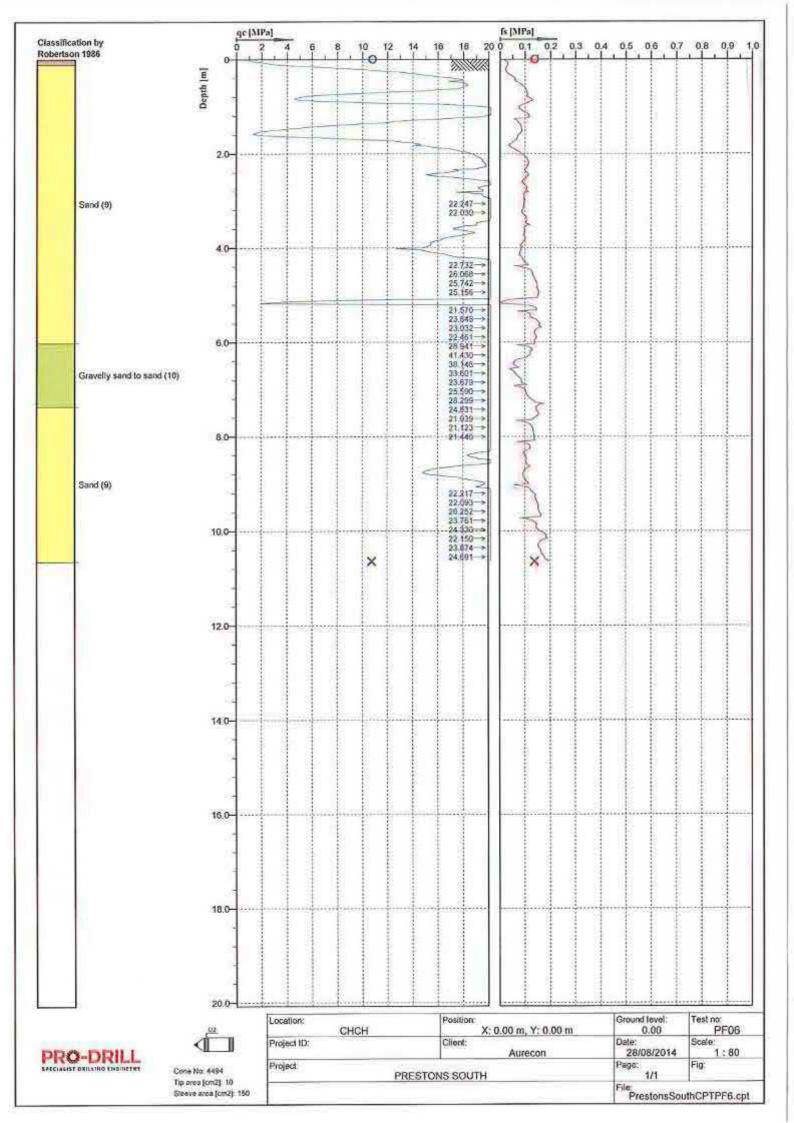


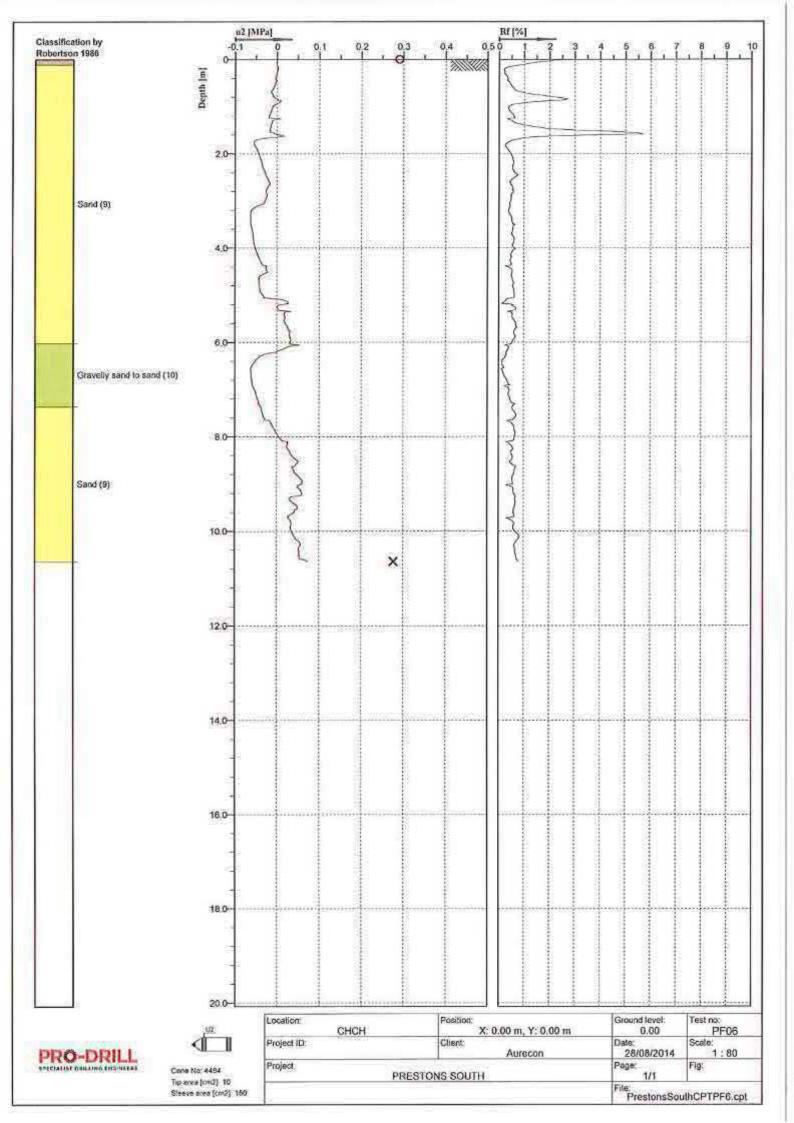


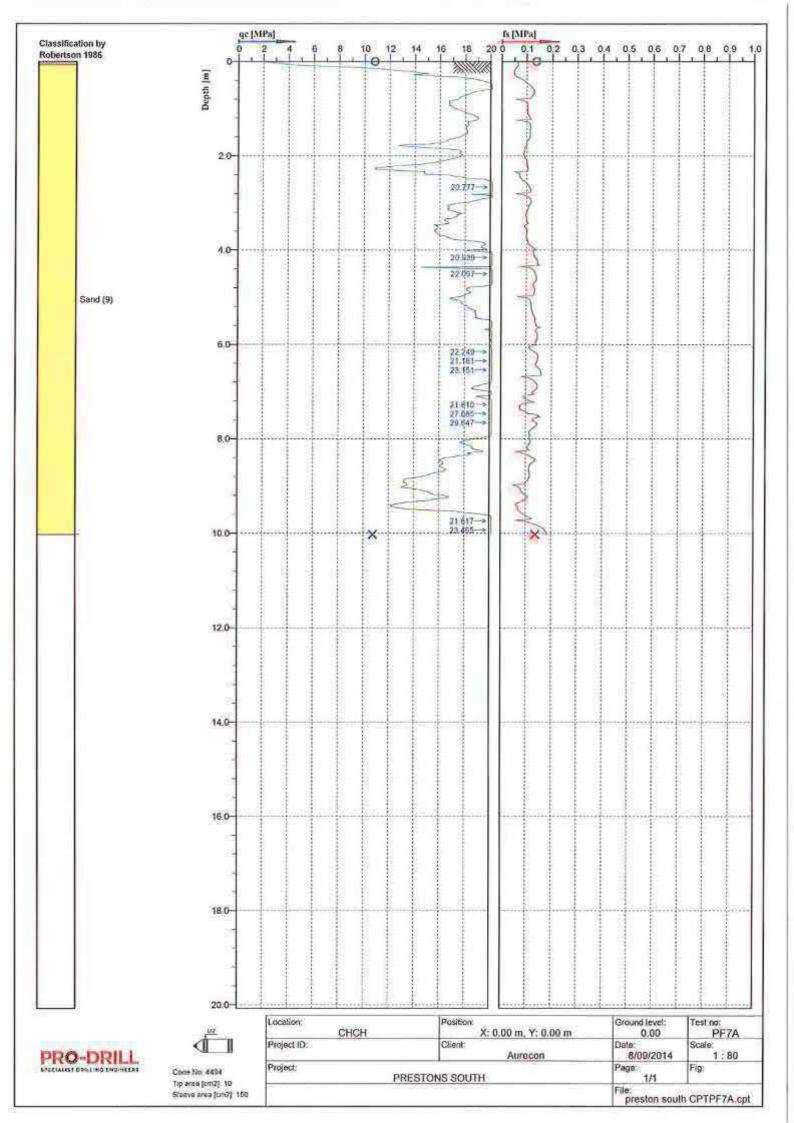


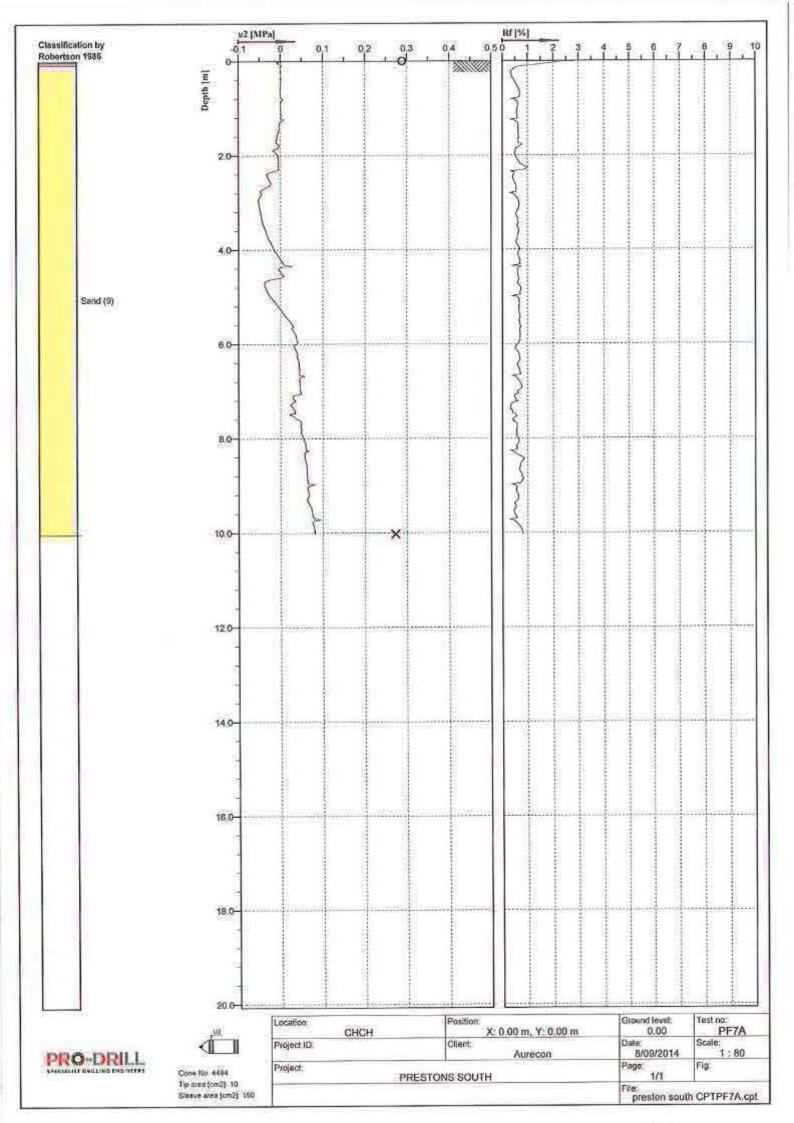


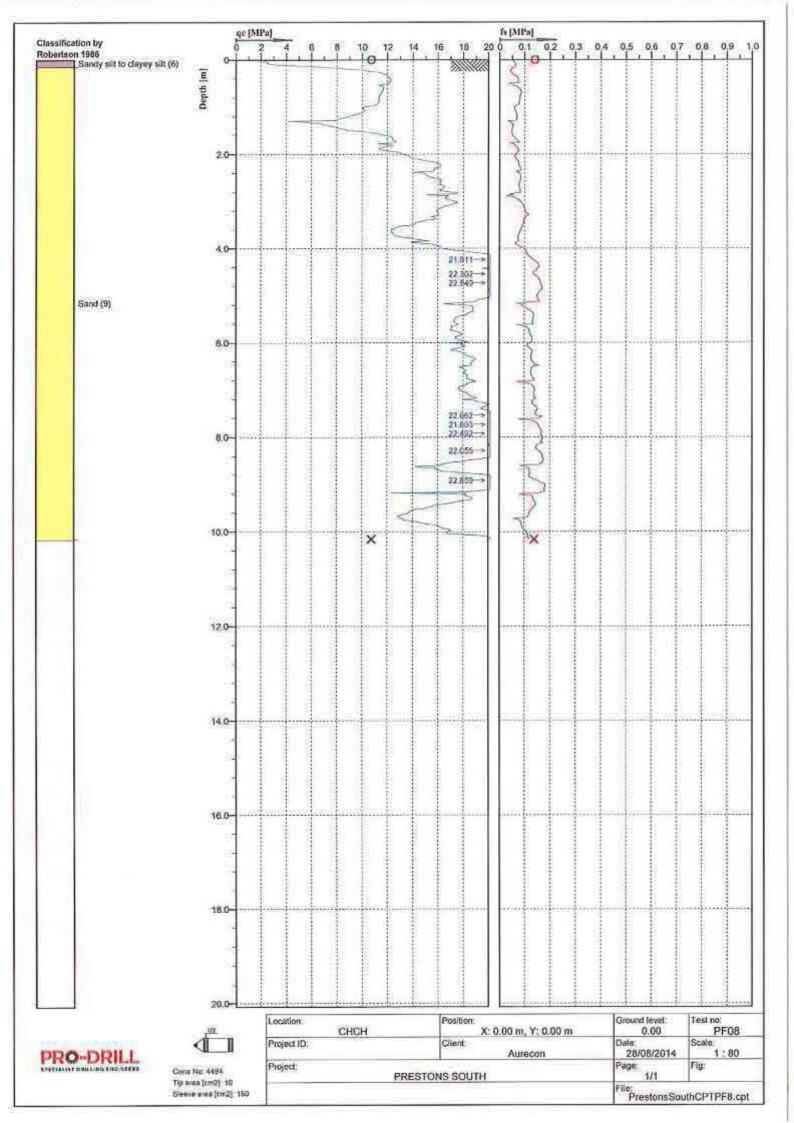


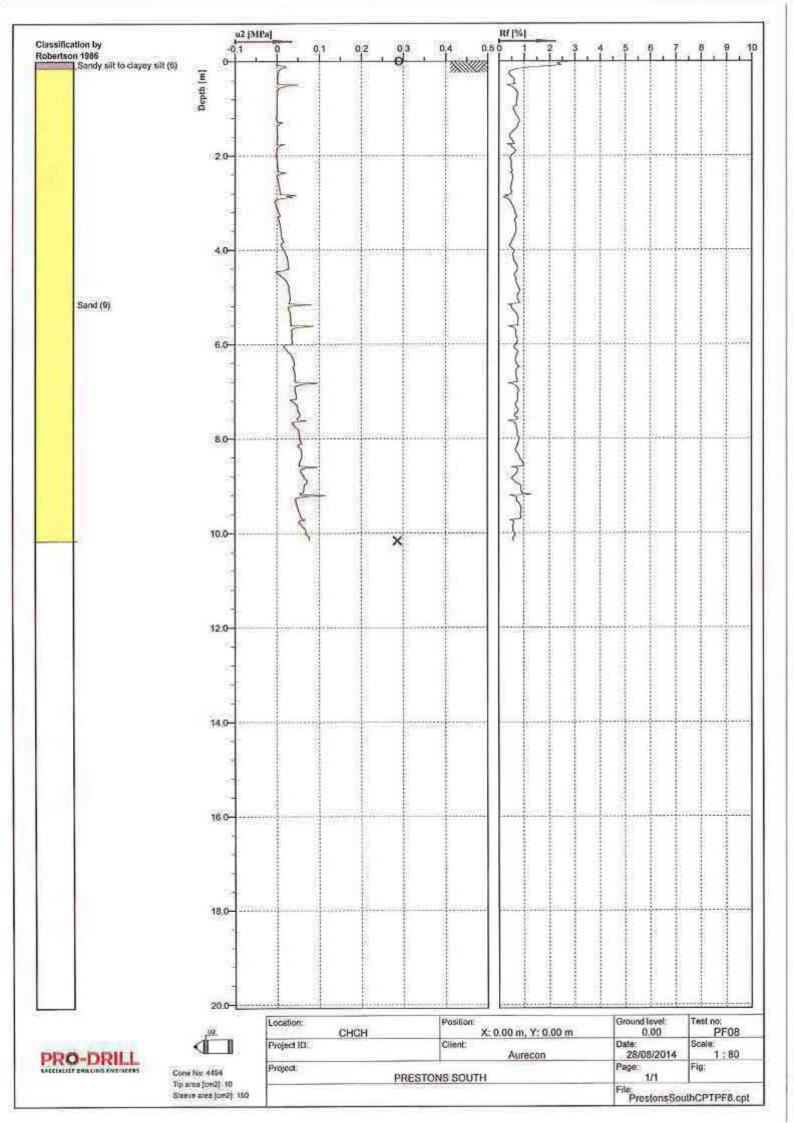


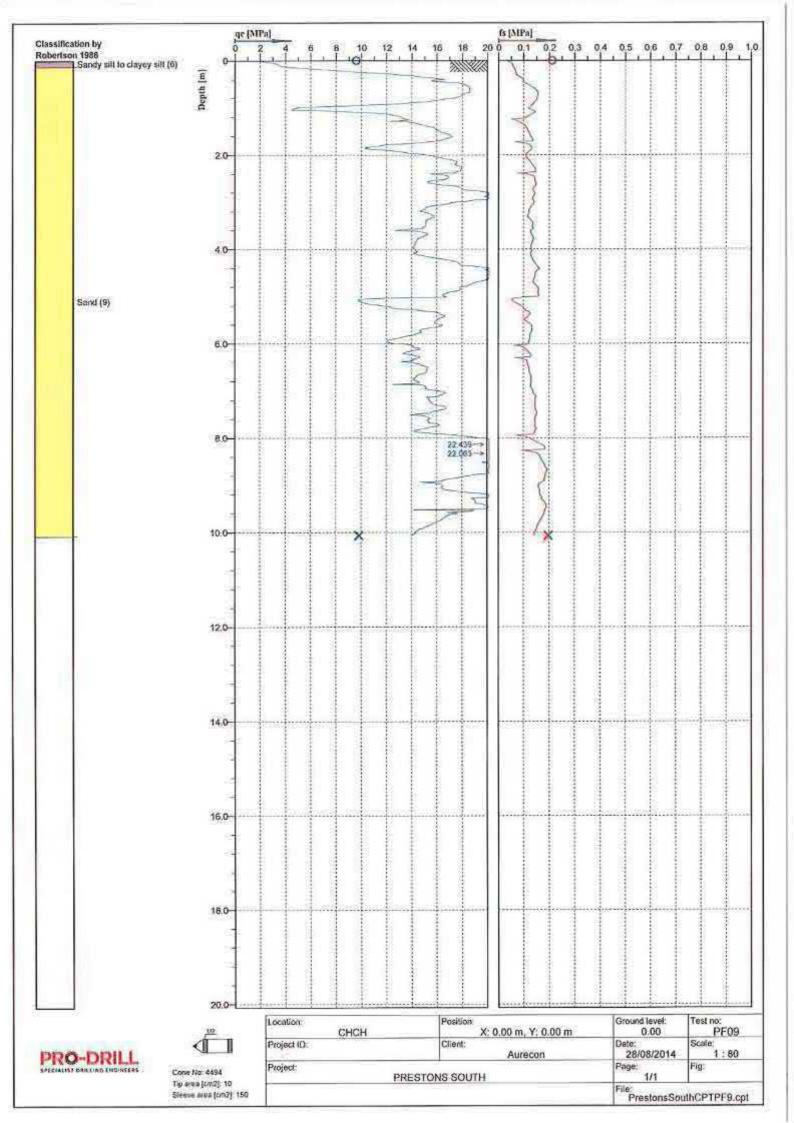


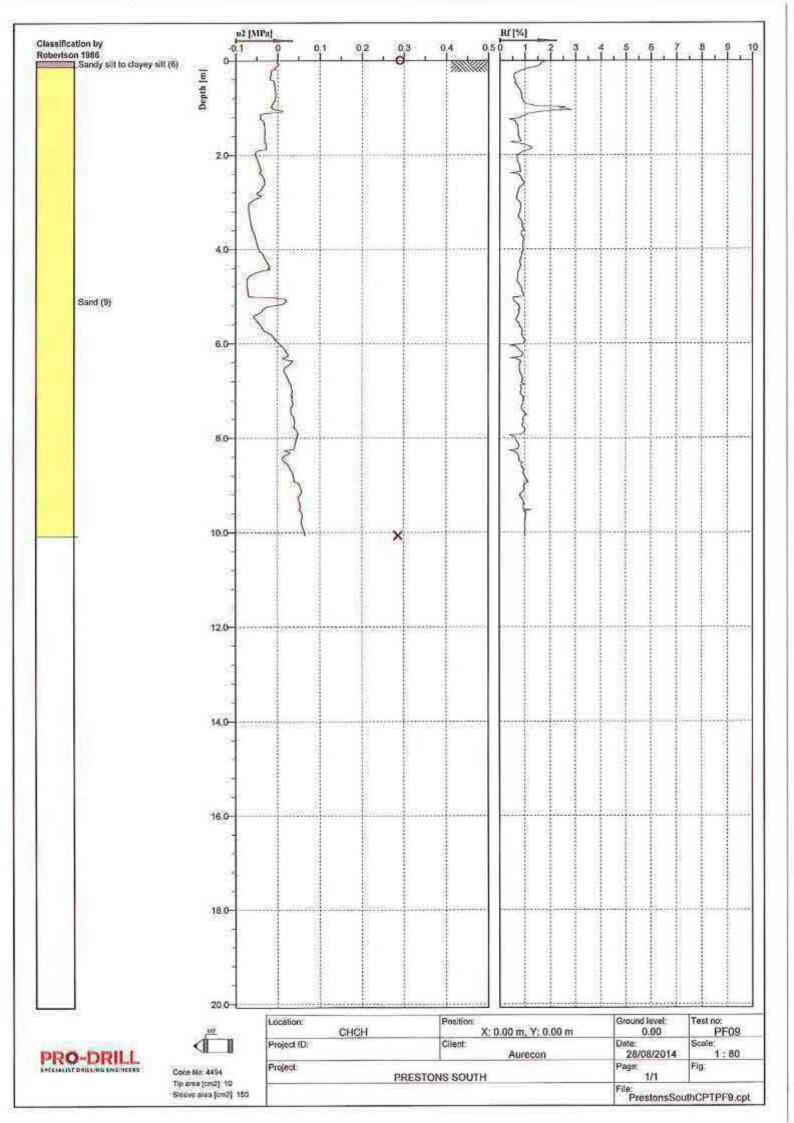


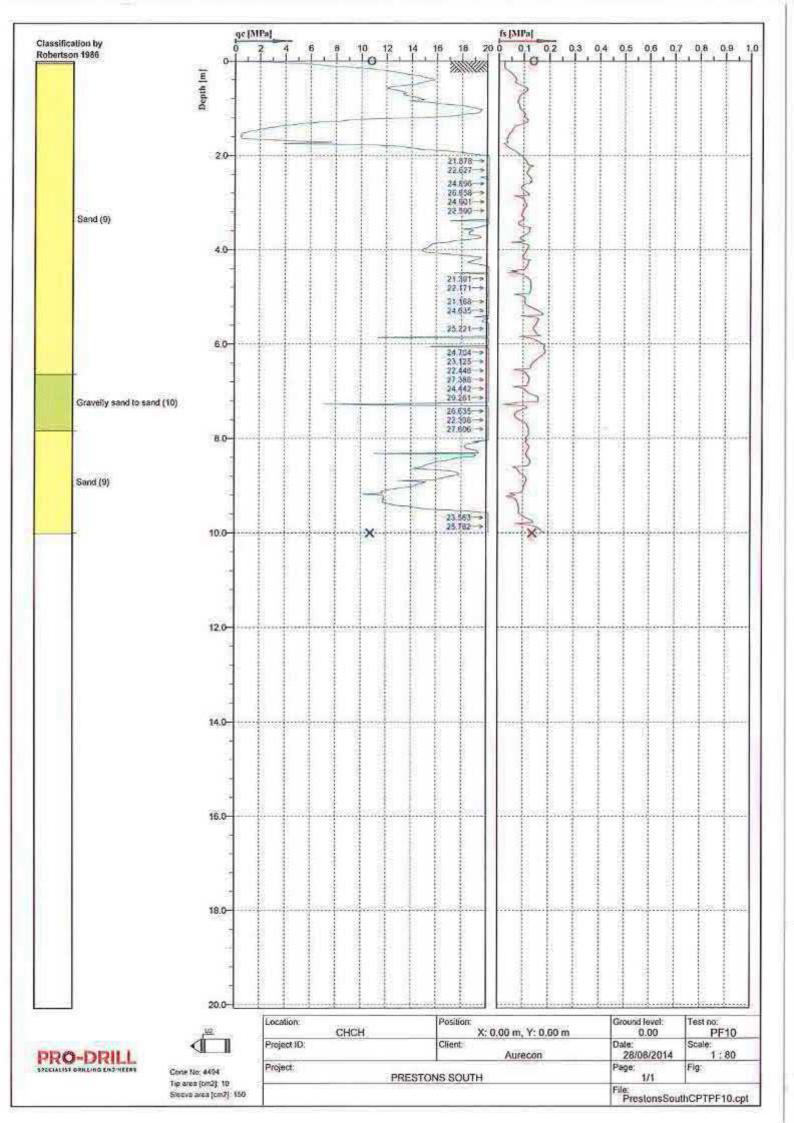


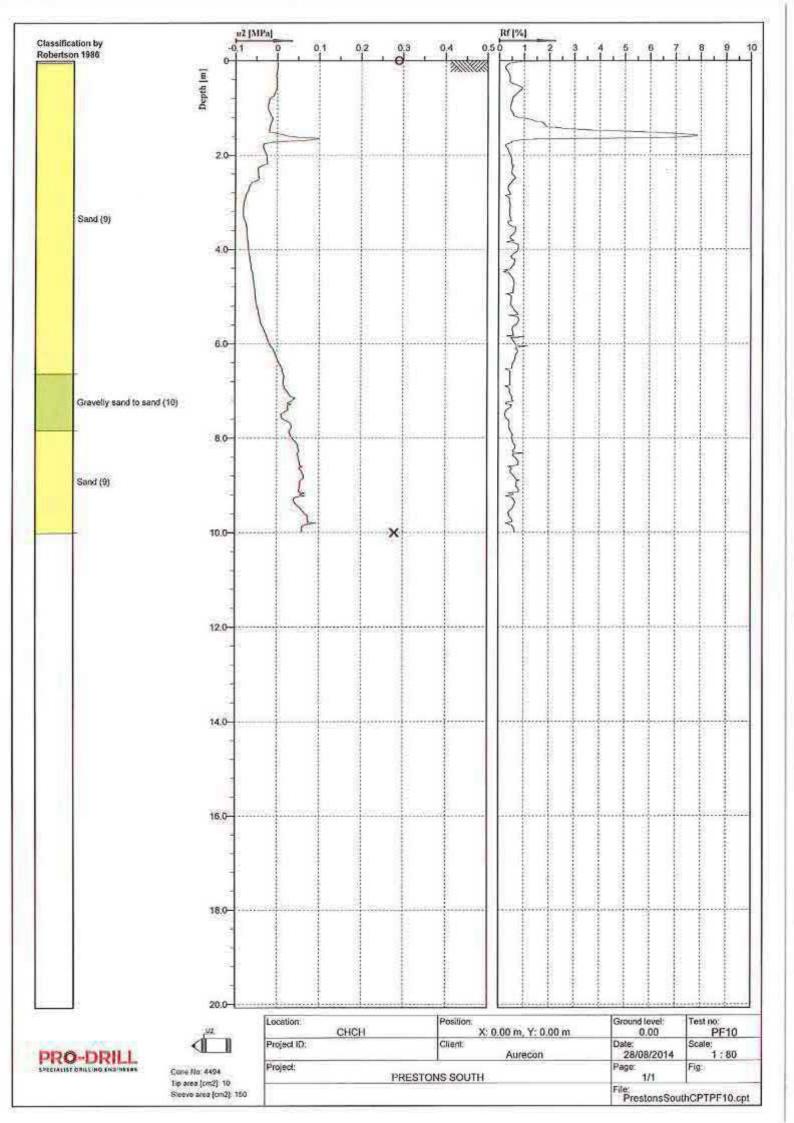


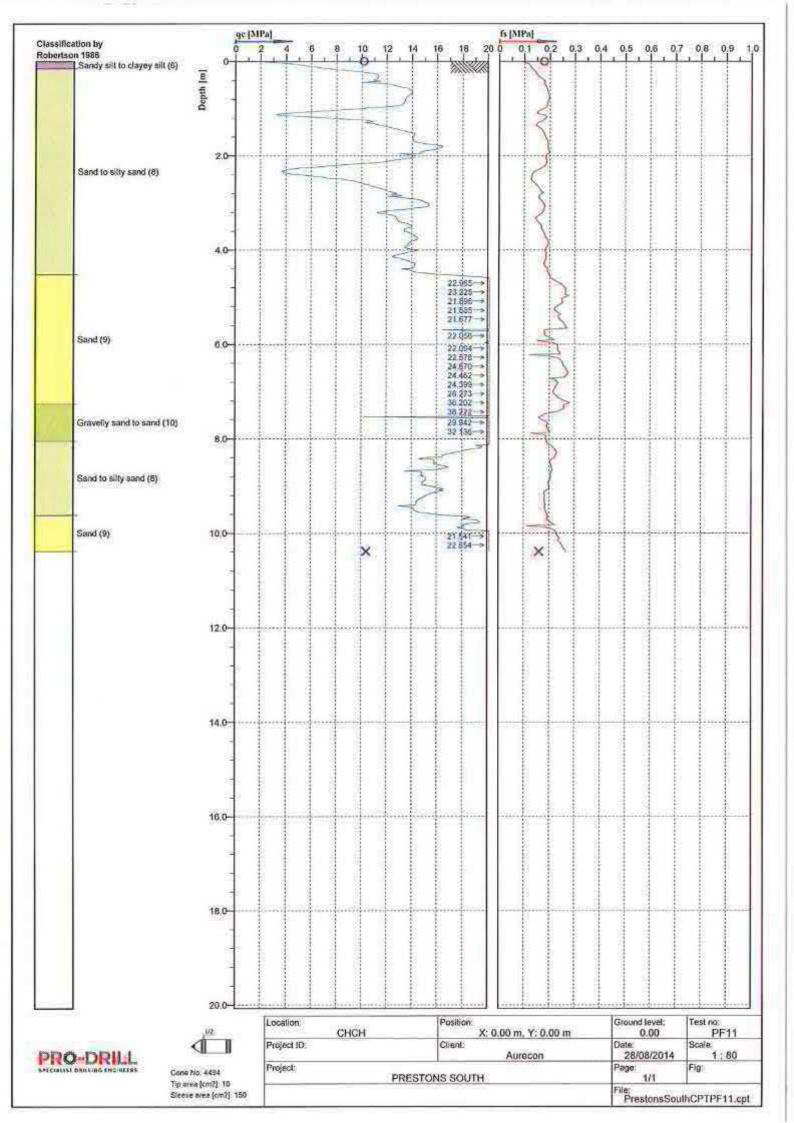


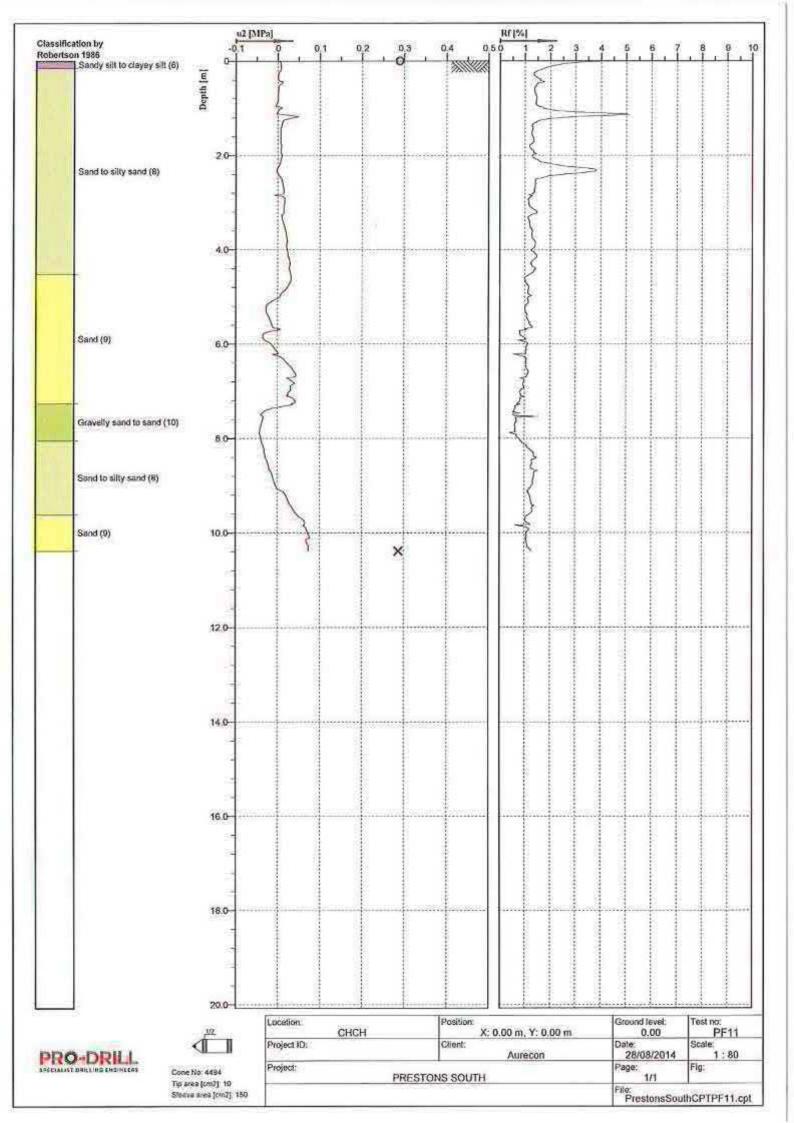


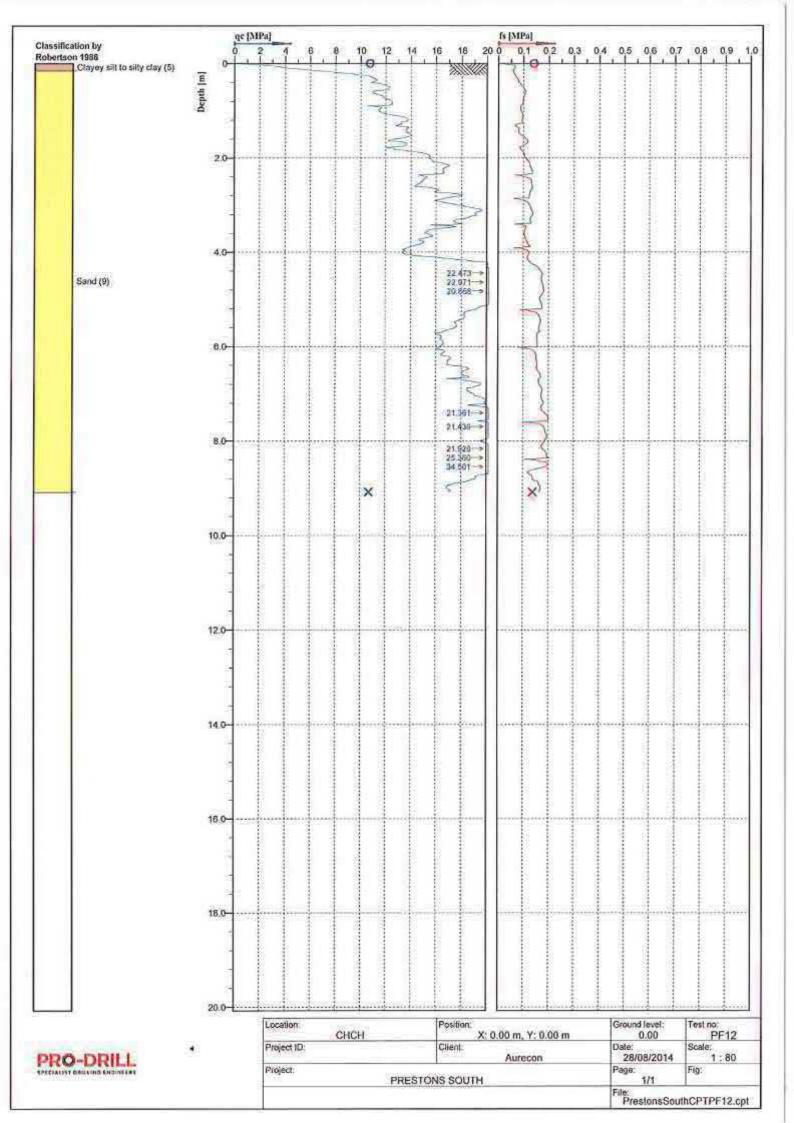


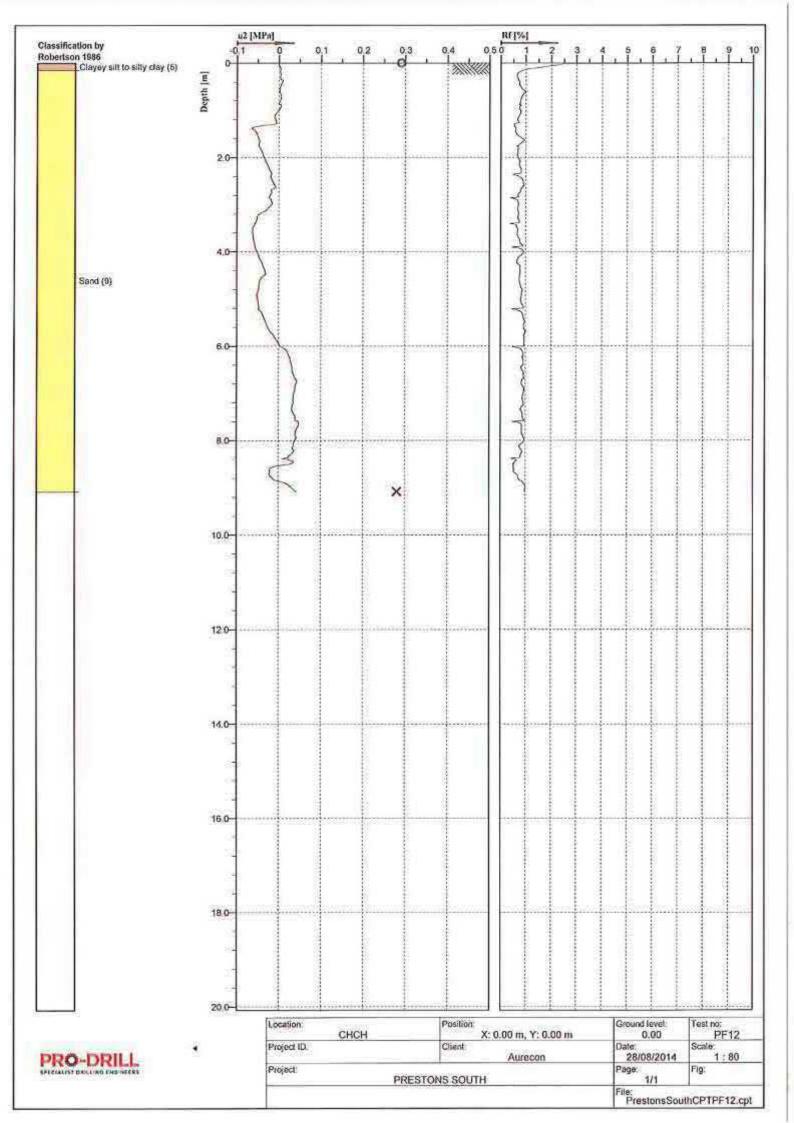


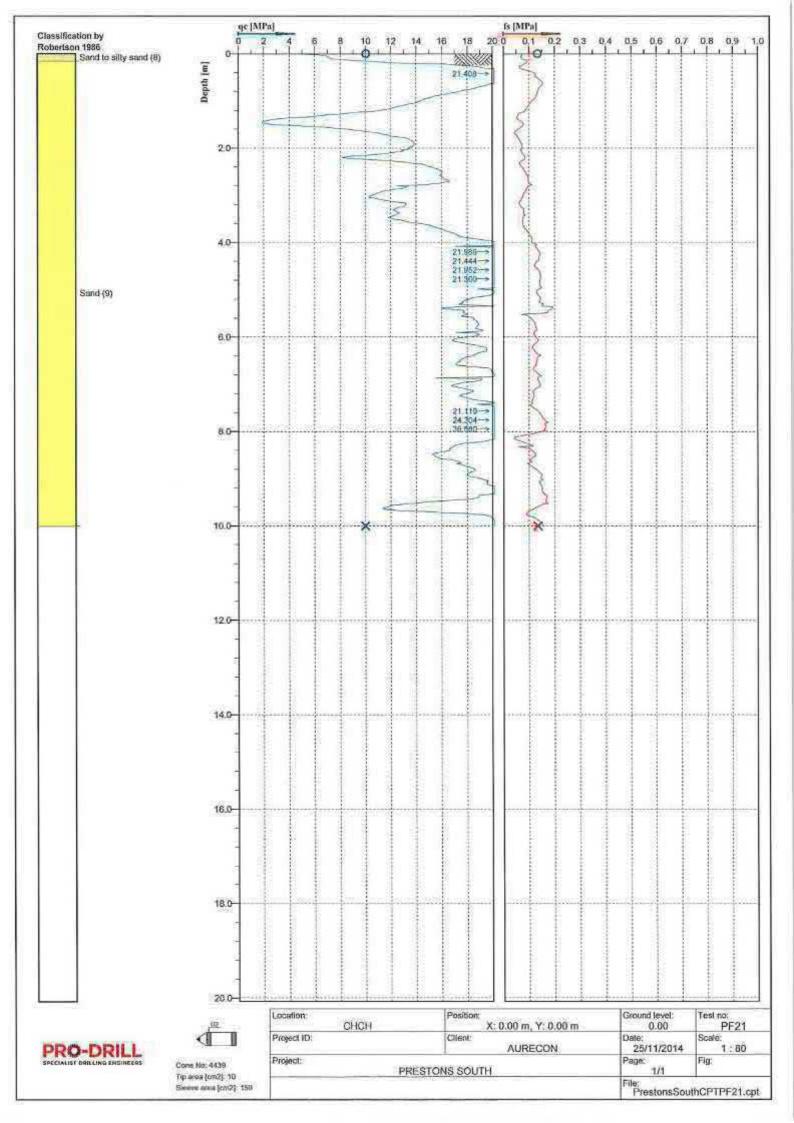


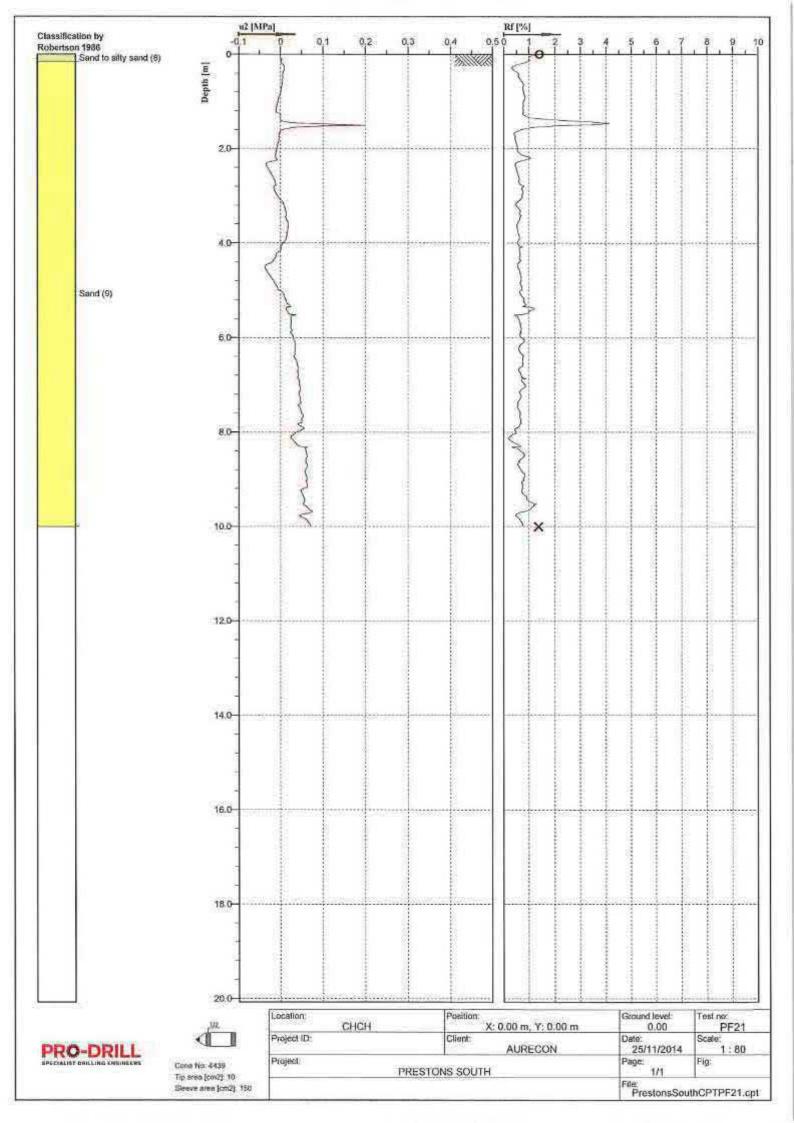


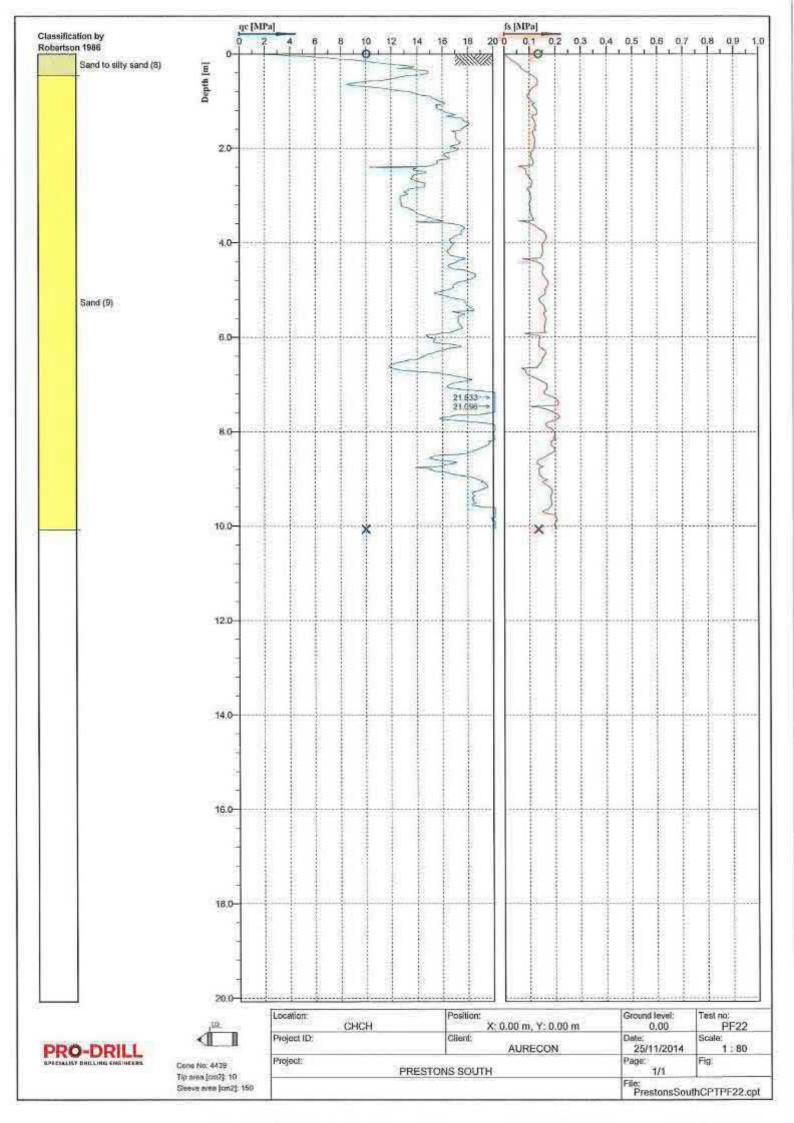


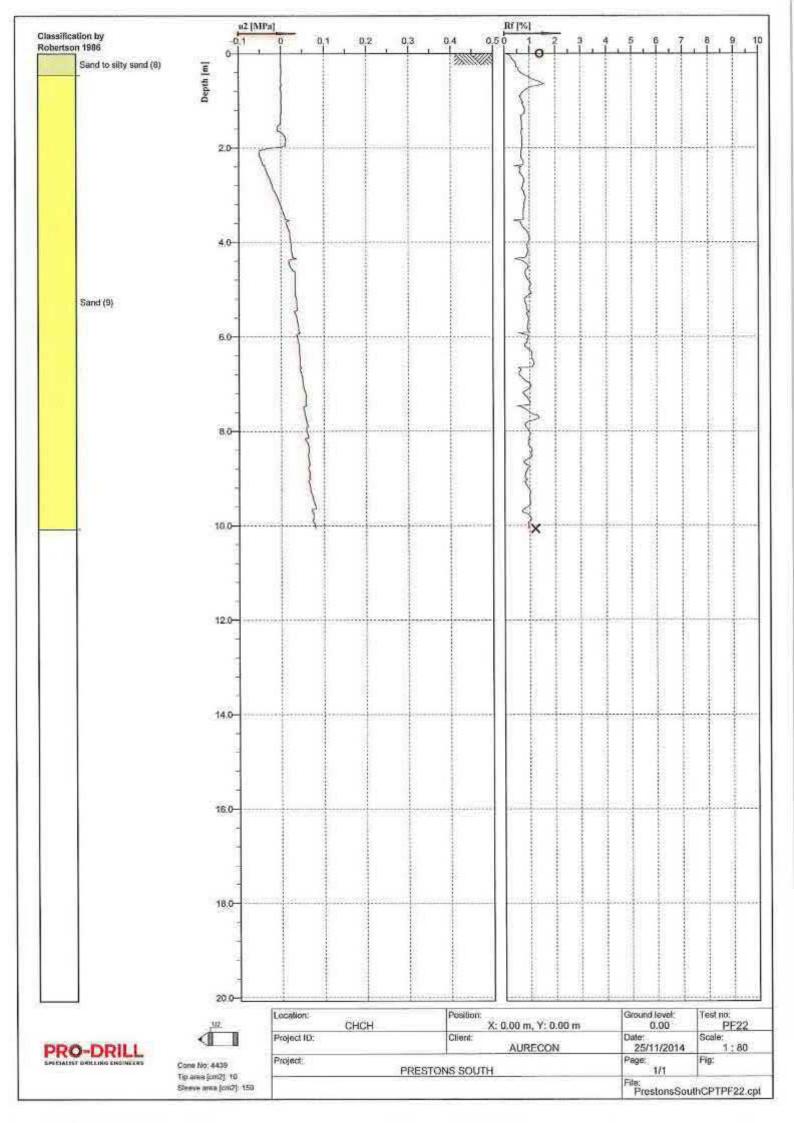


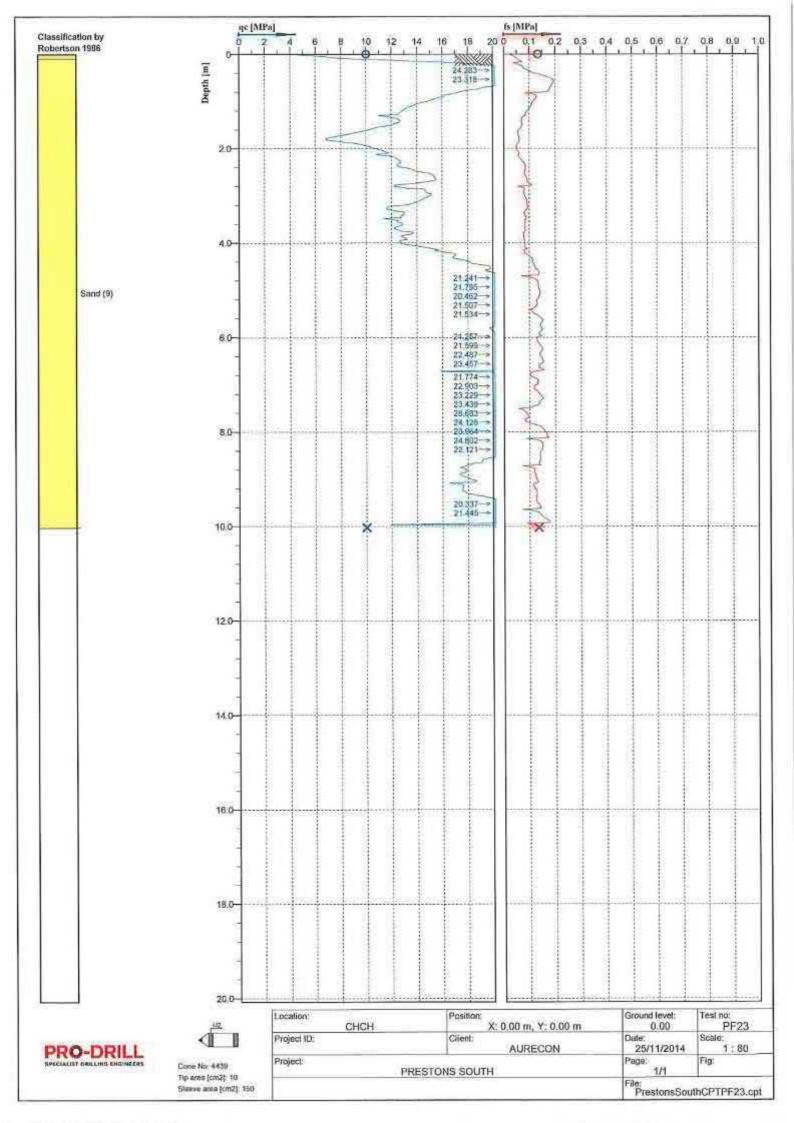


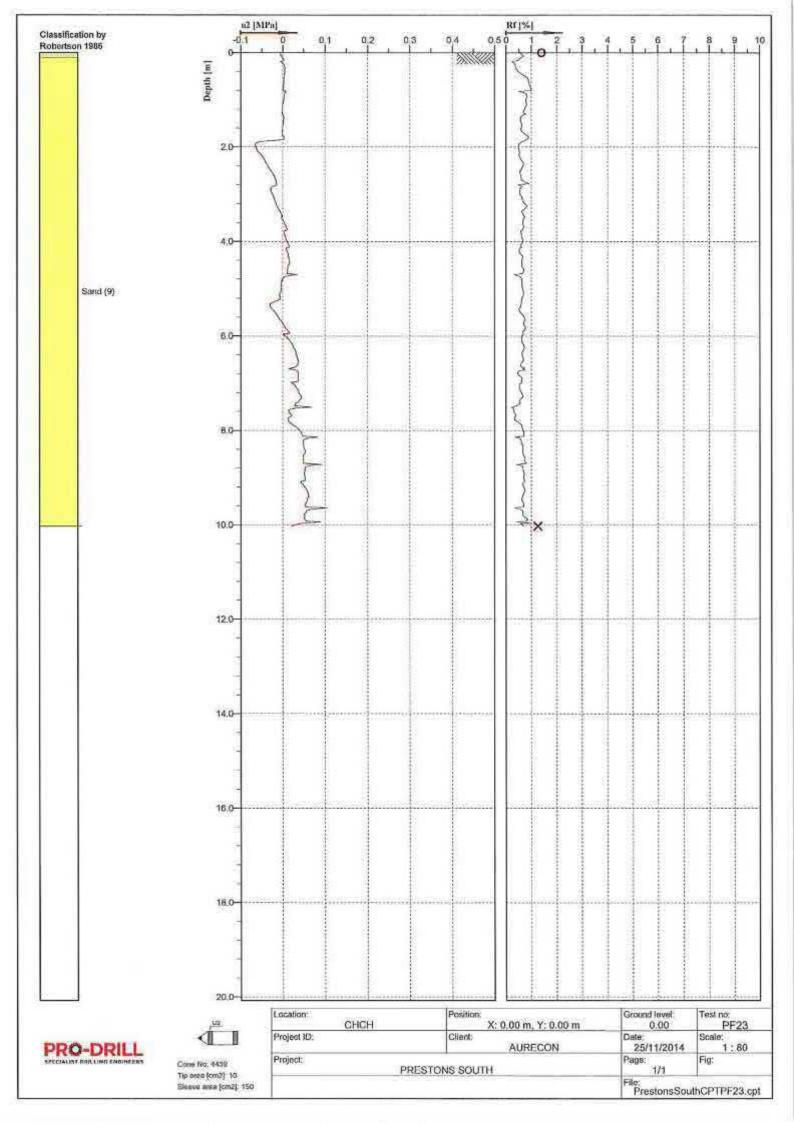


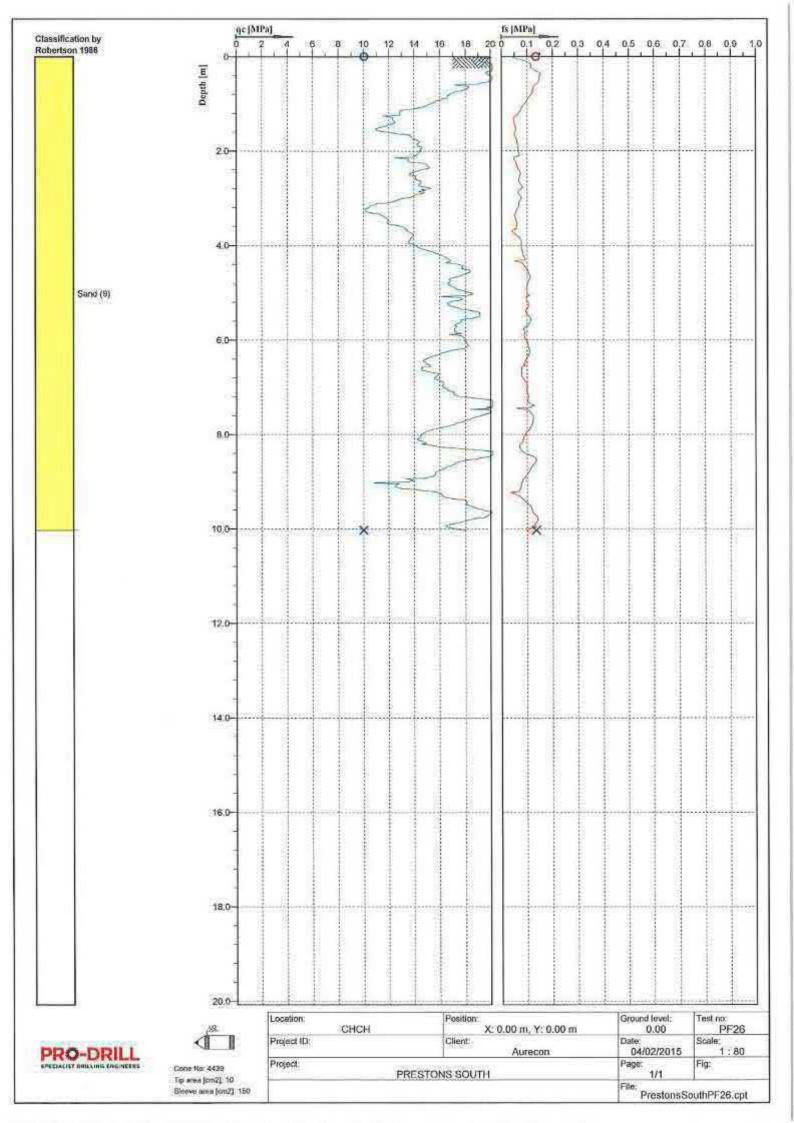


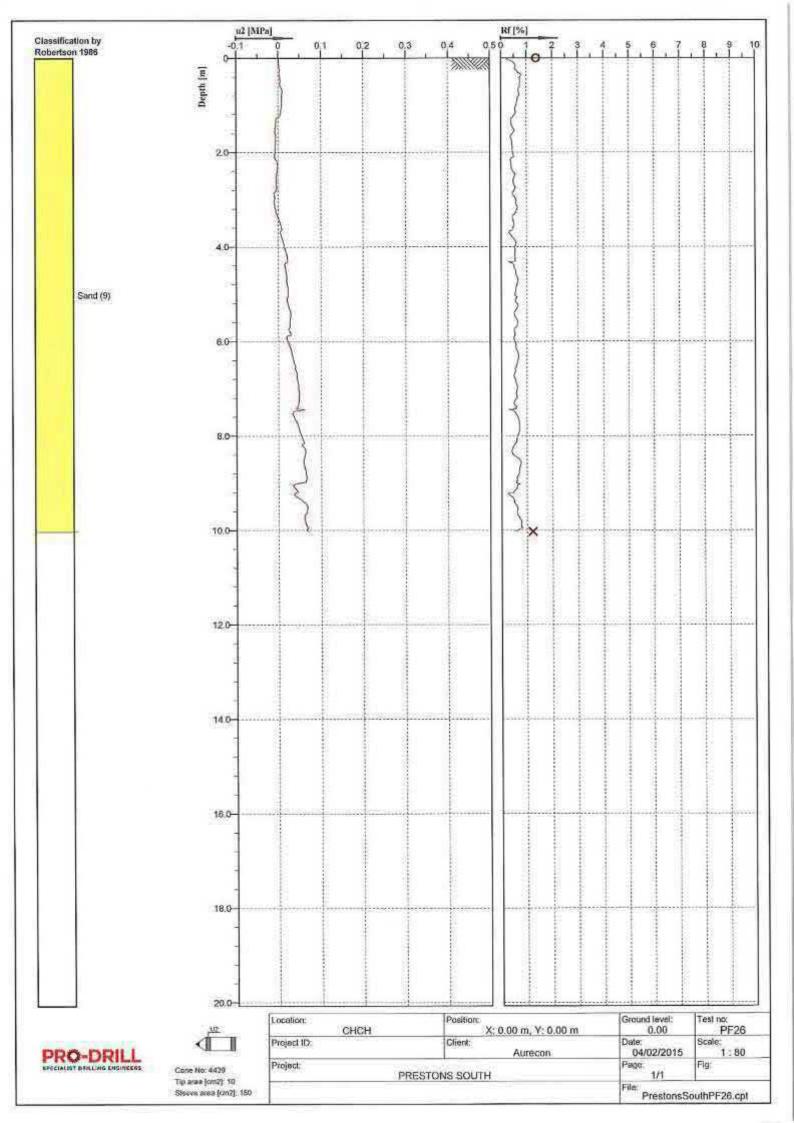


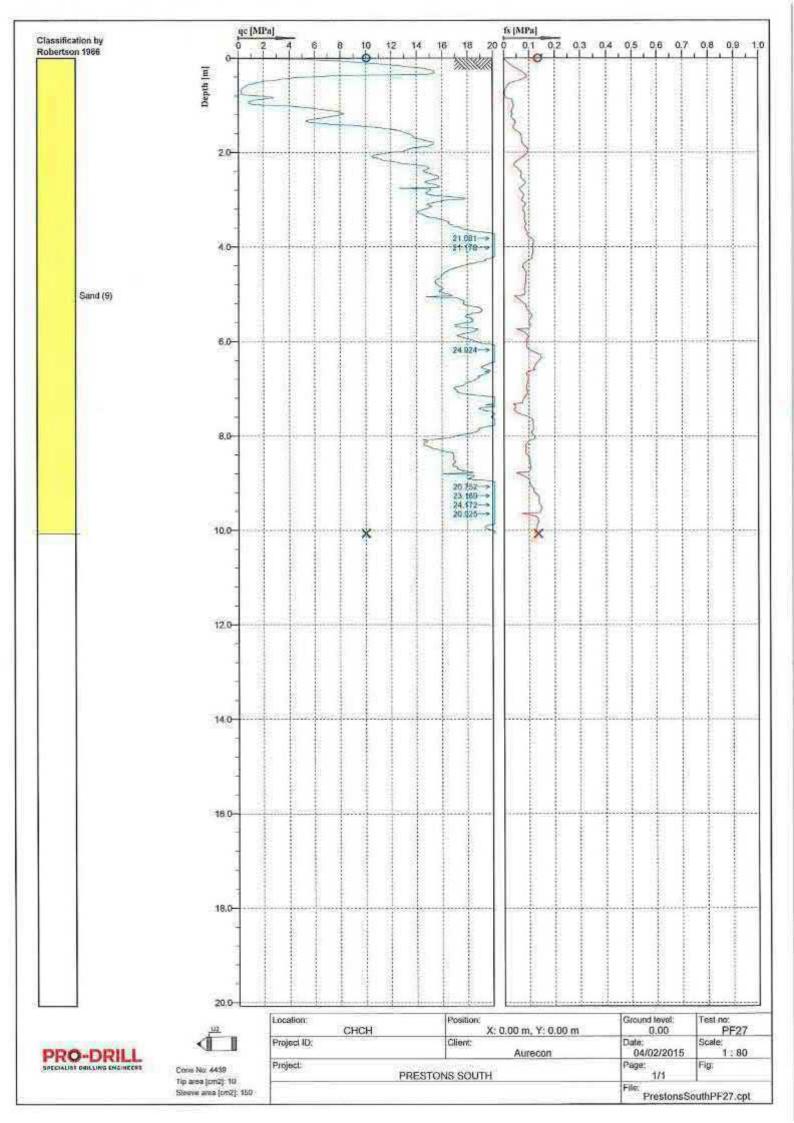


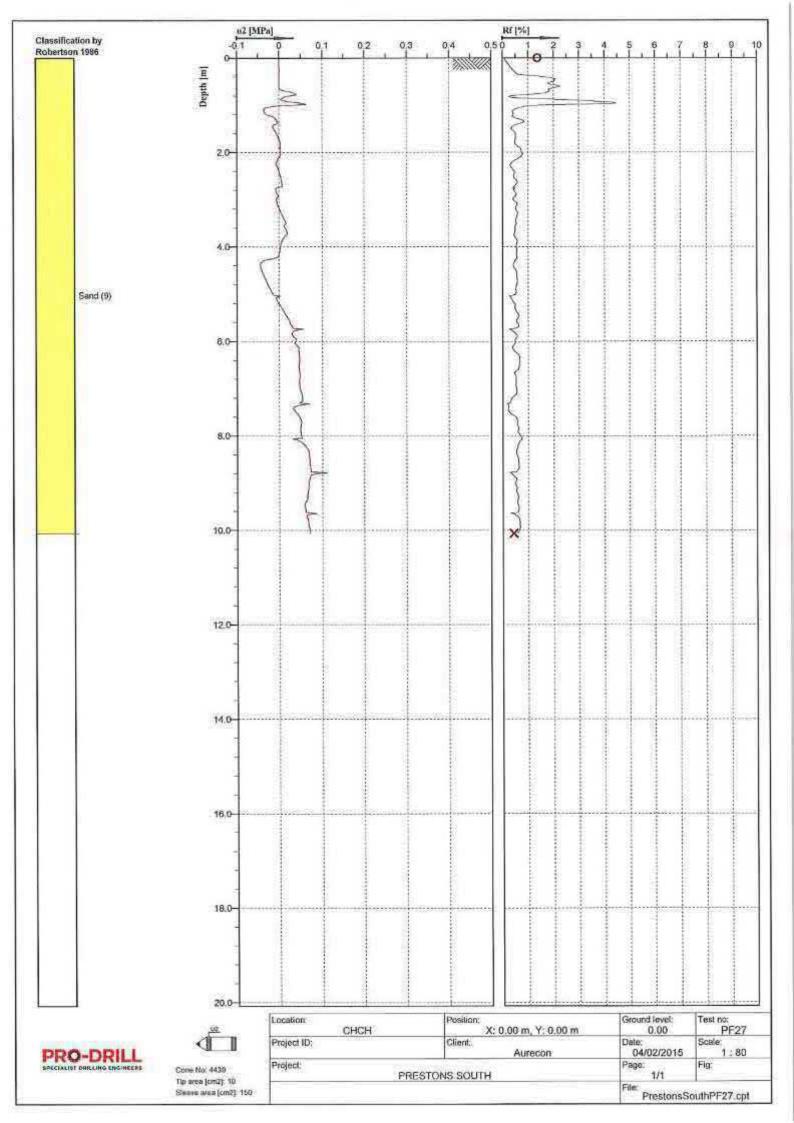


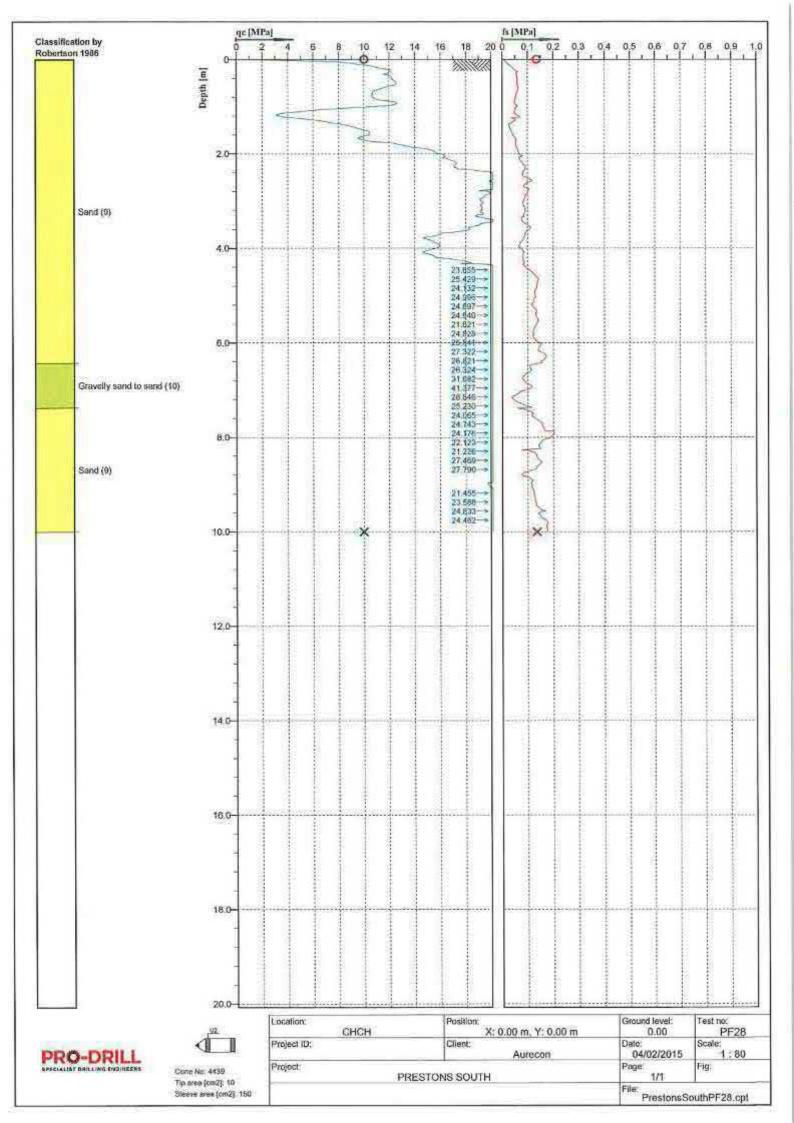


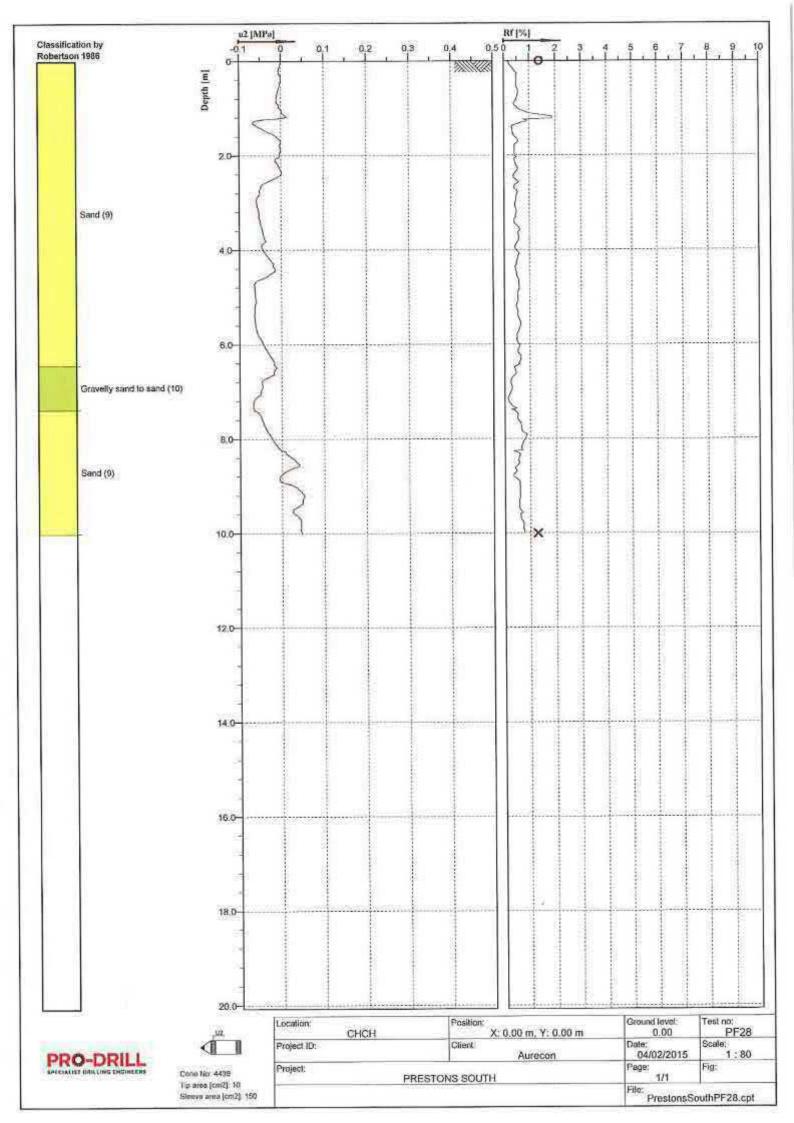


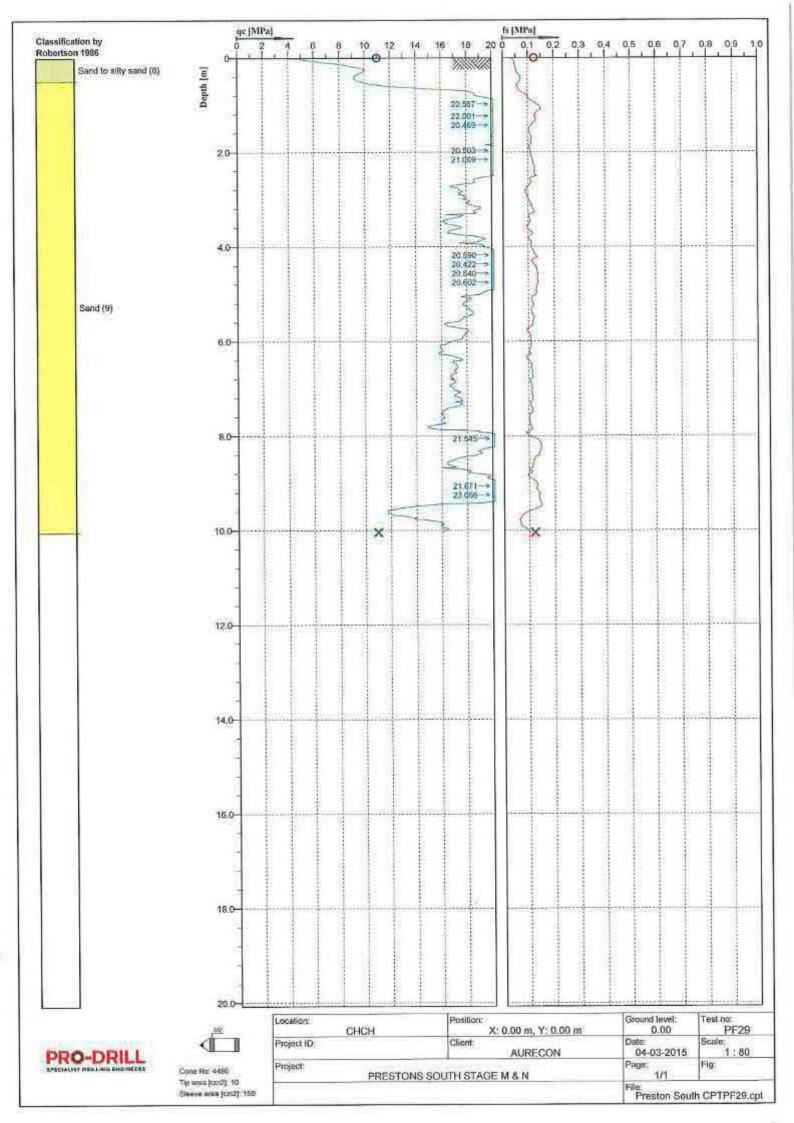


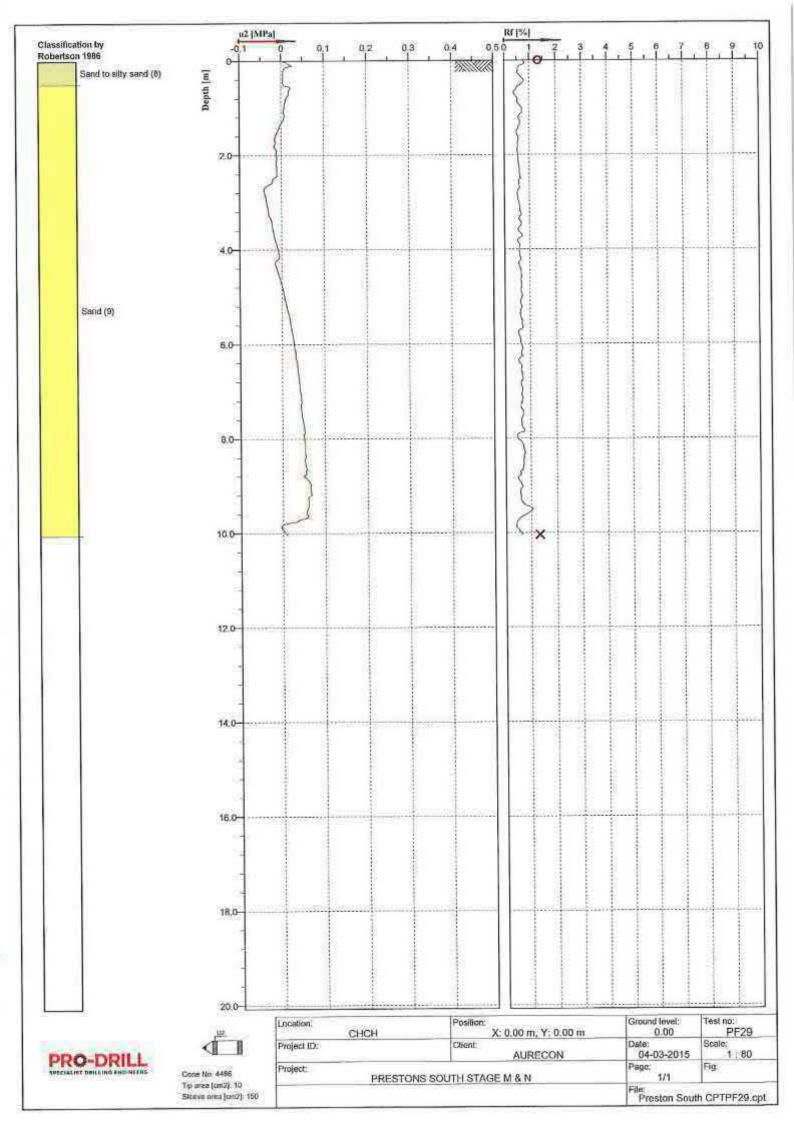


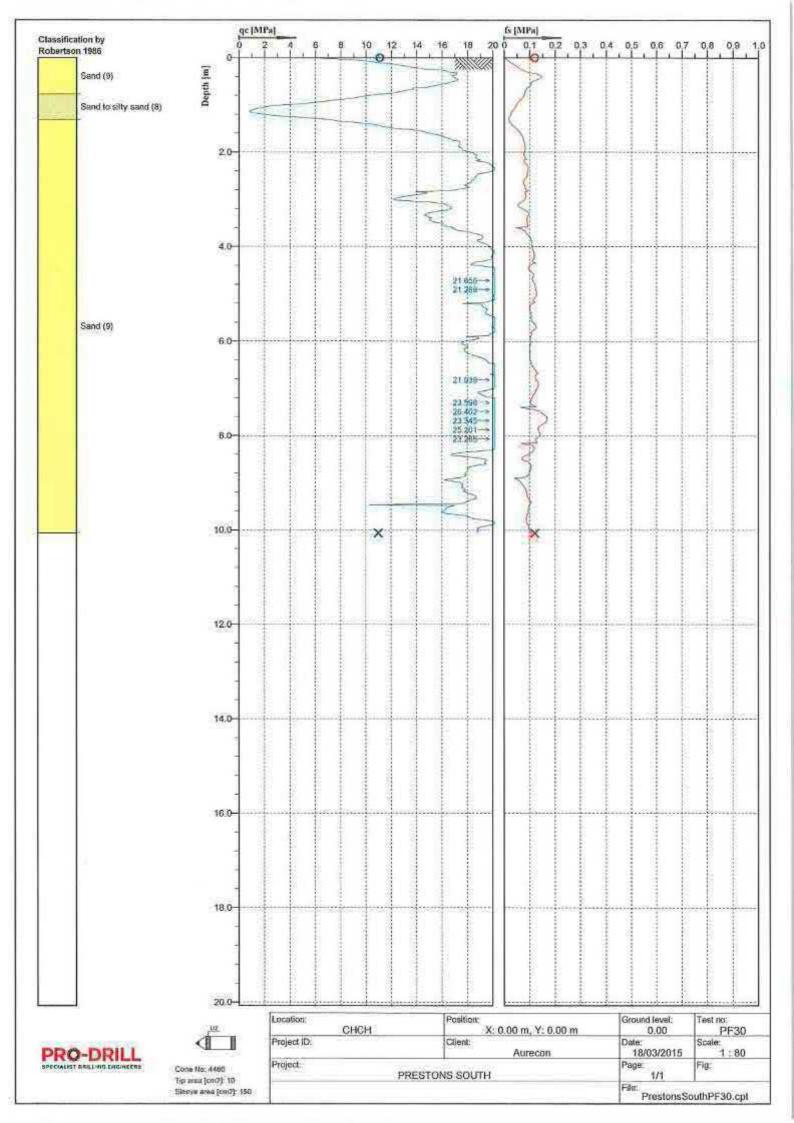


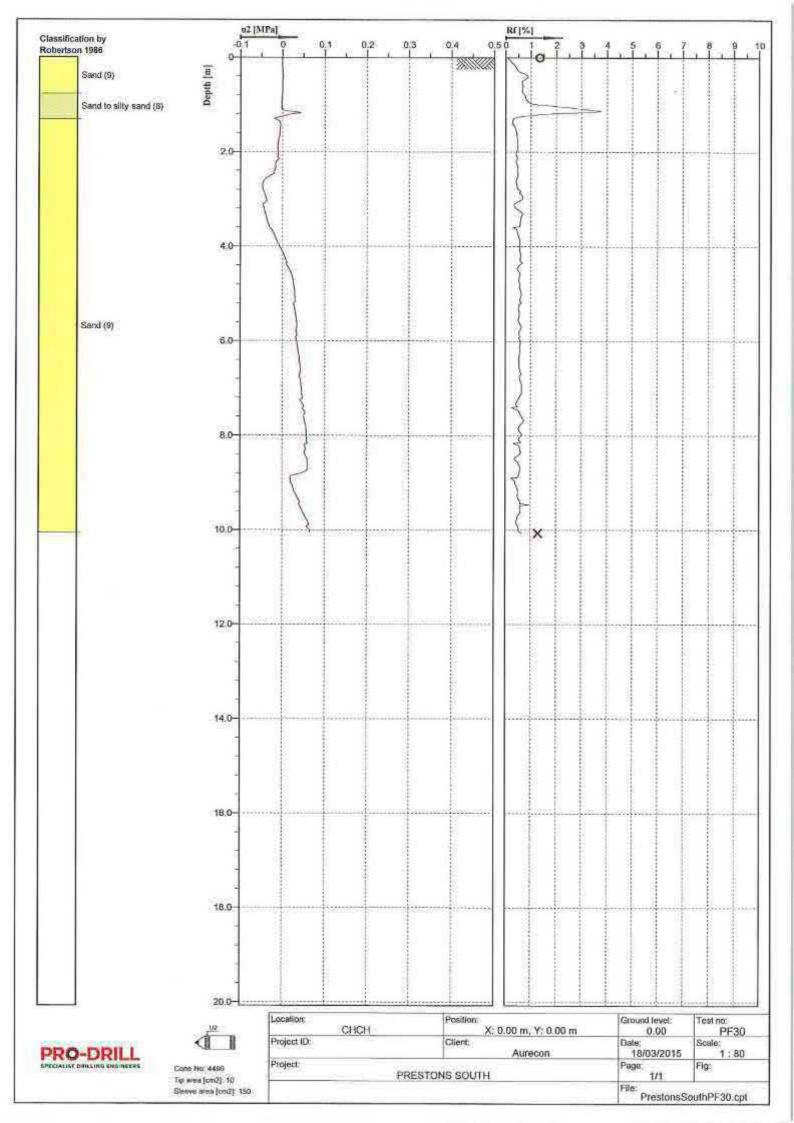




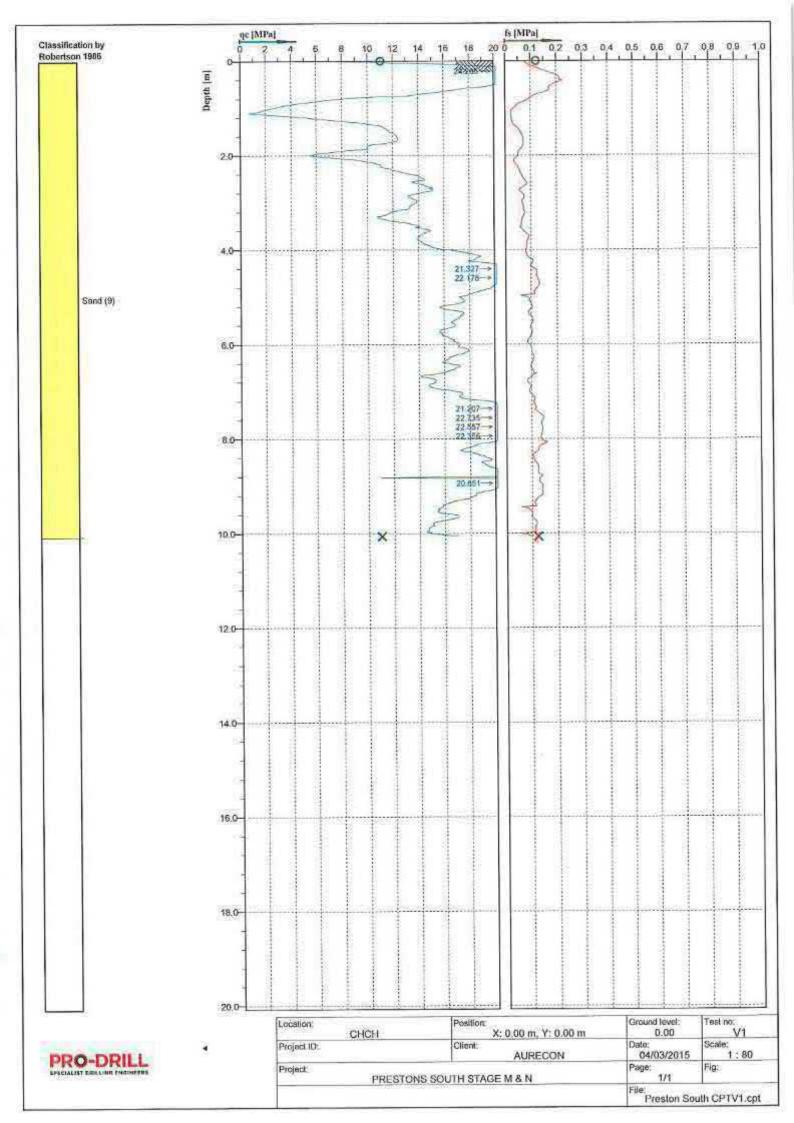


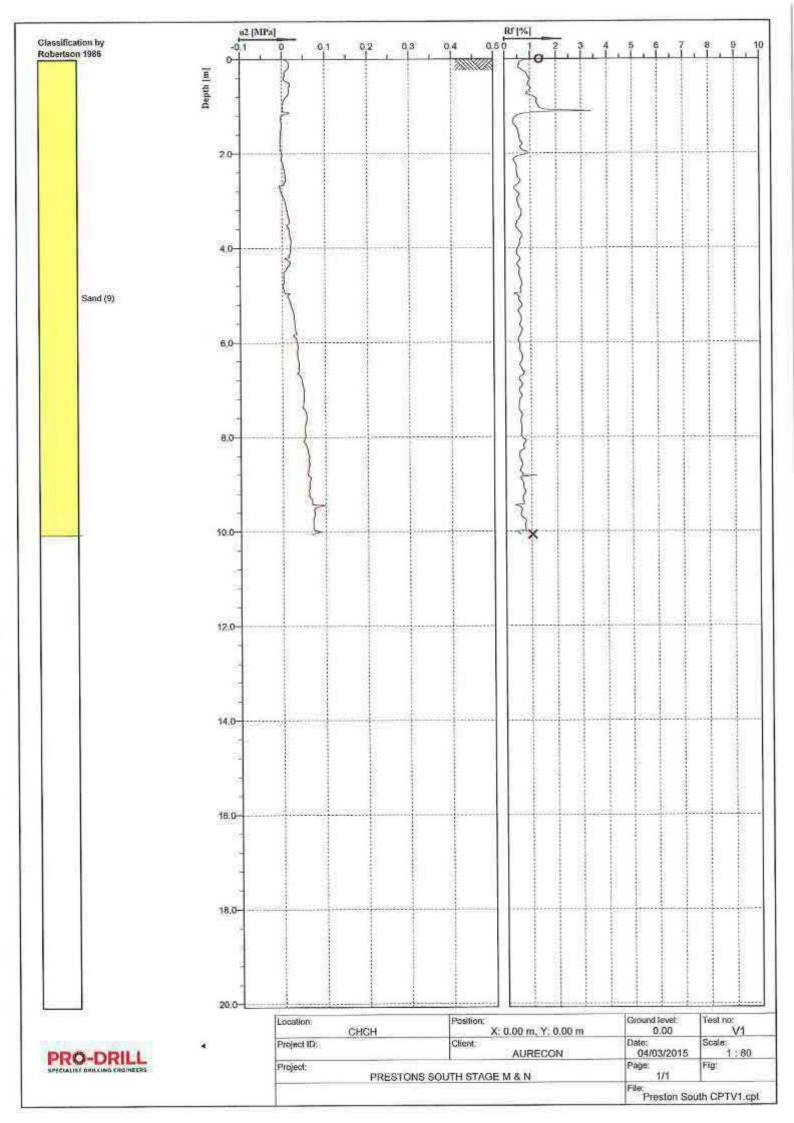


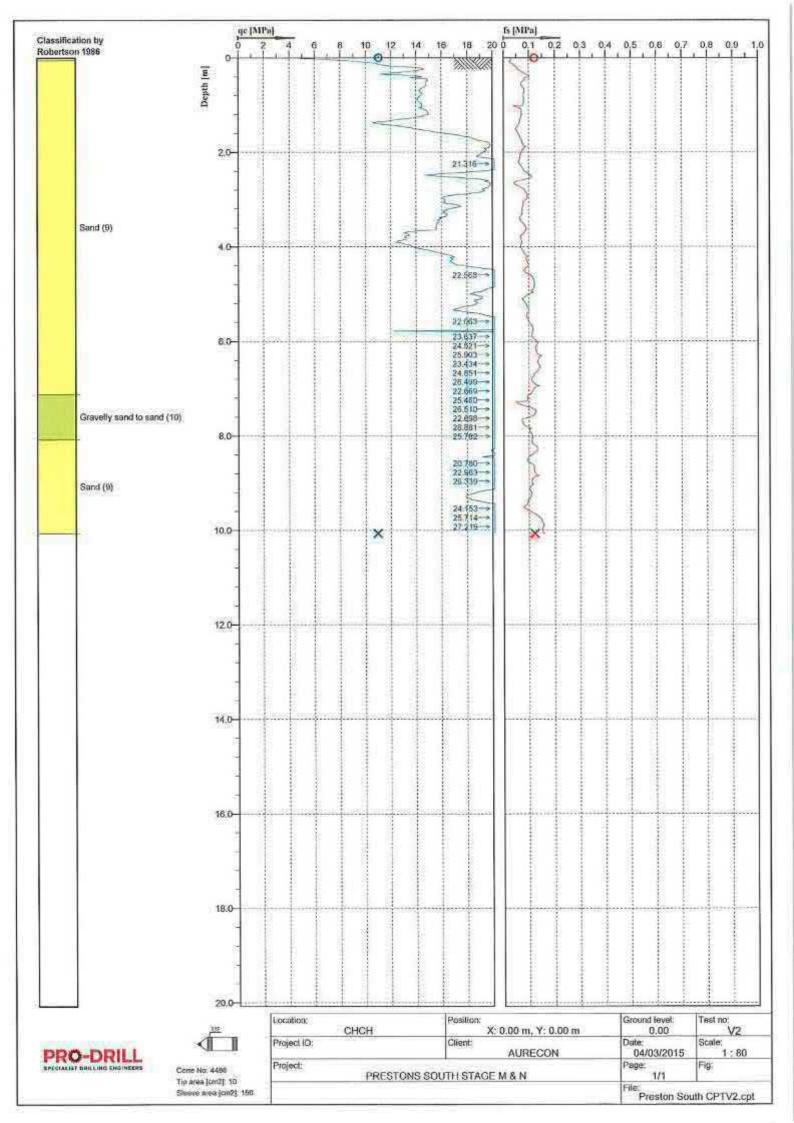


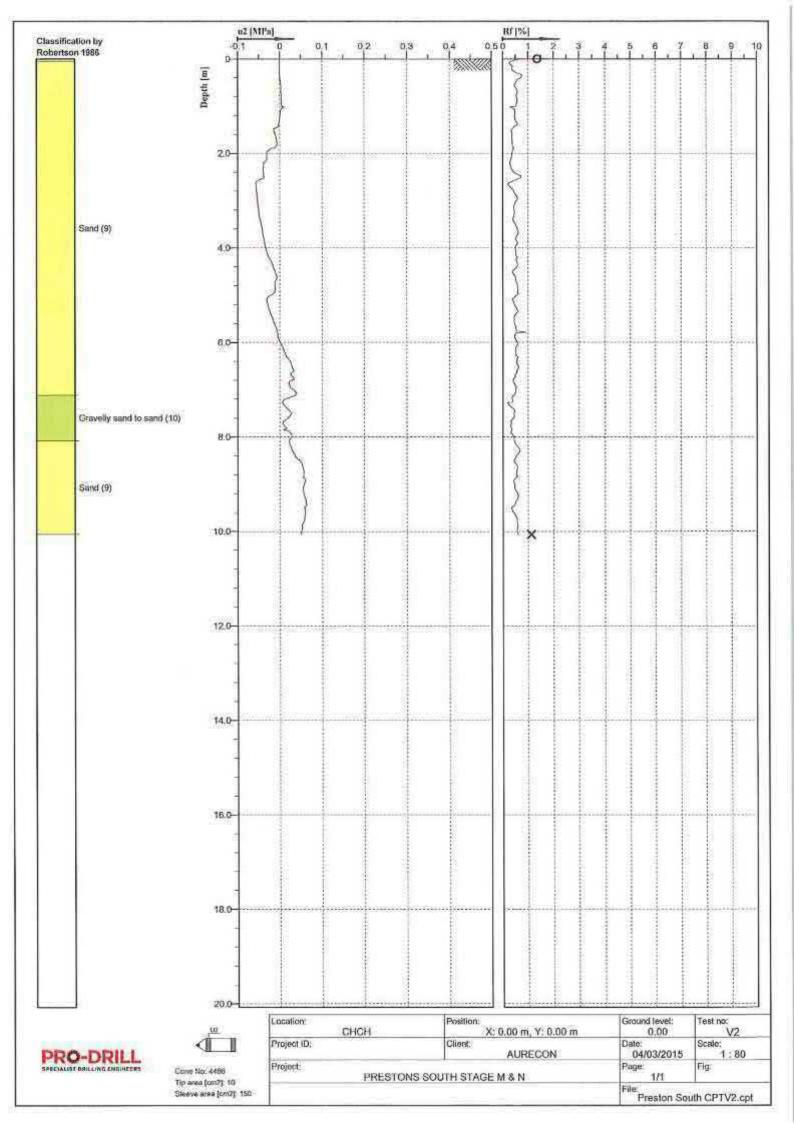


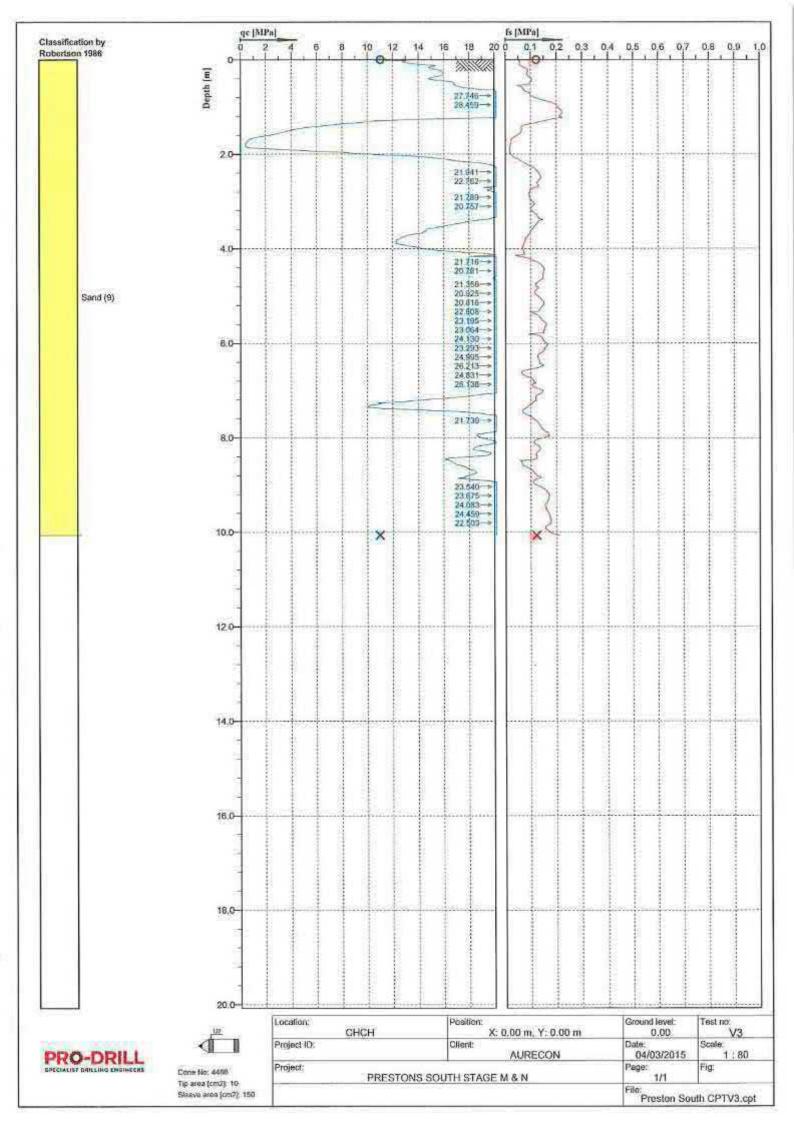
# Appendix J Verification CPT Logs

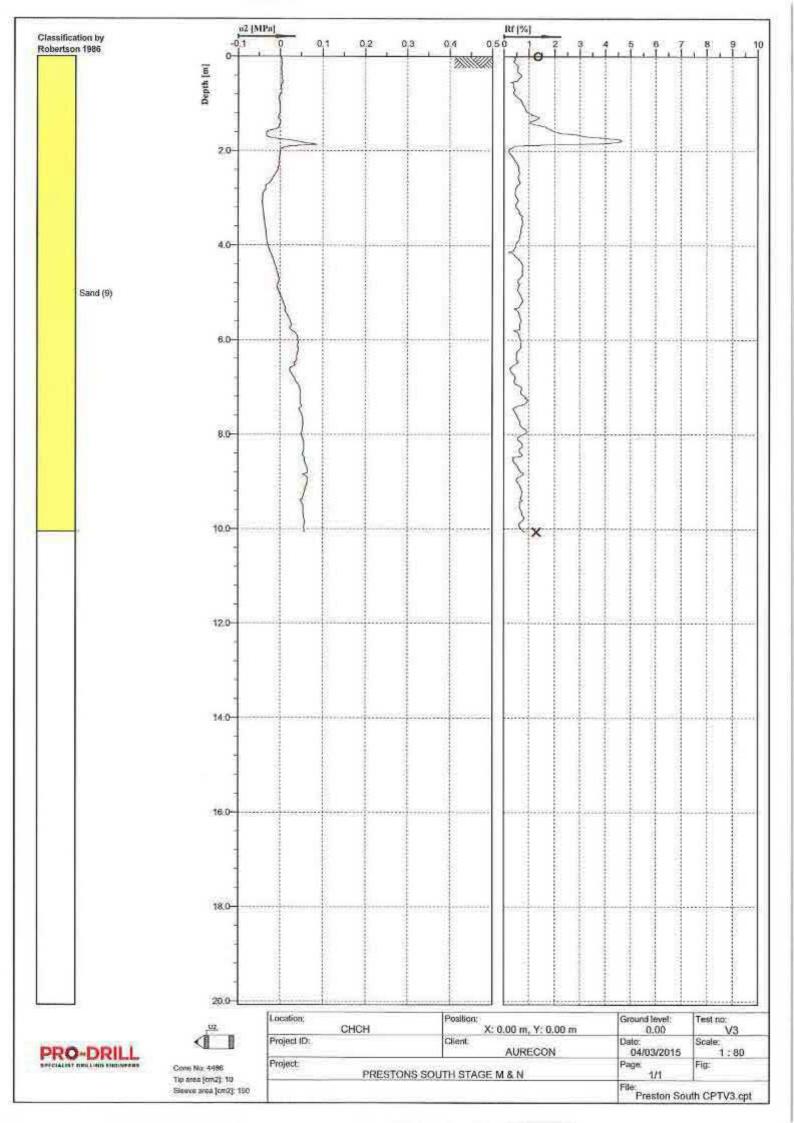


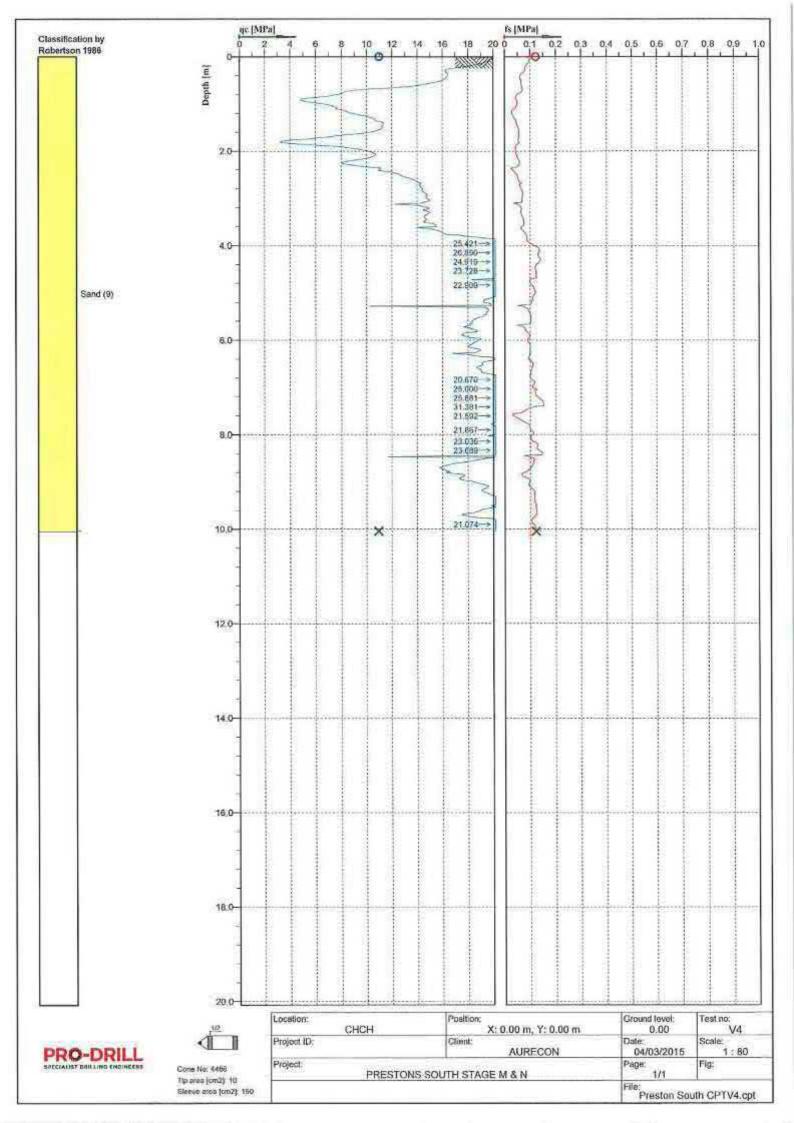


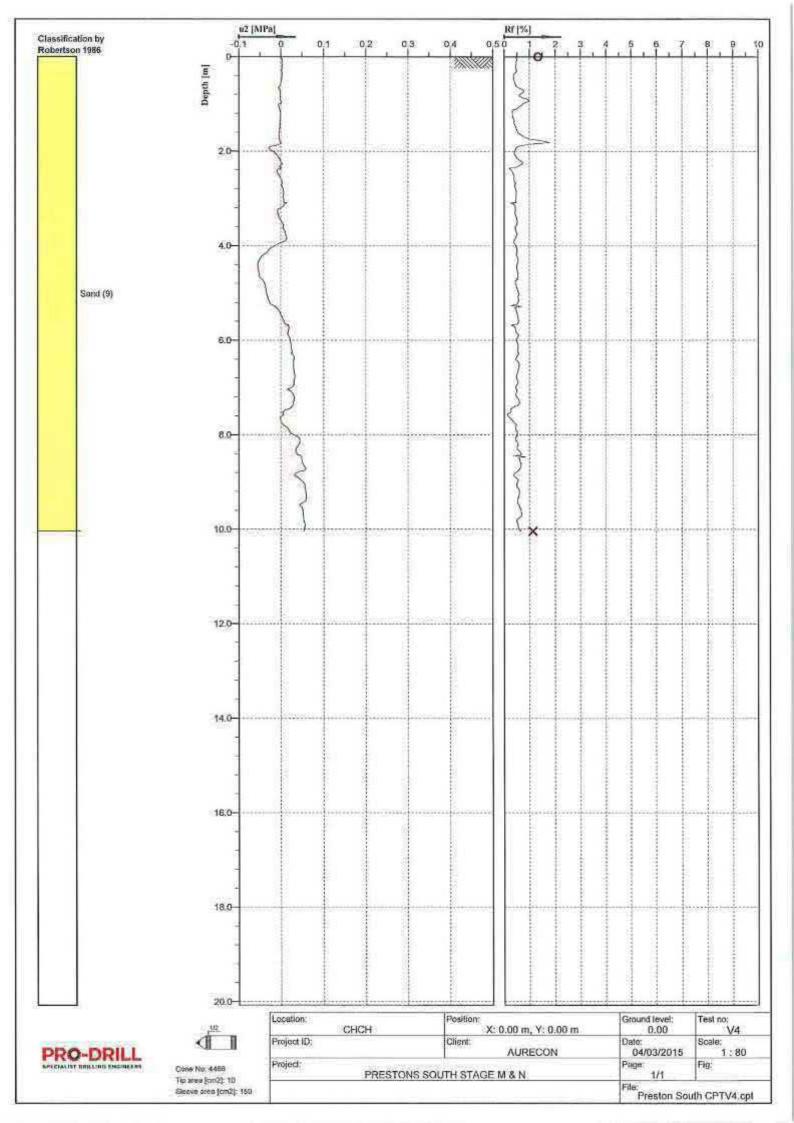


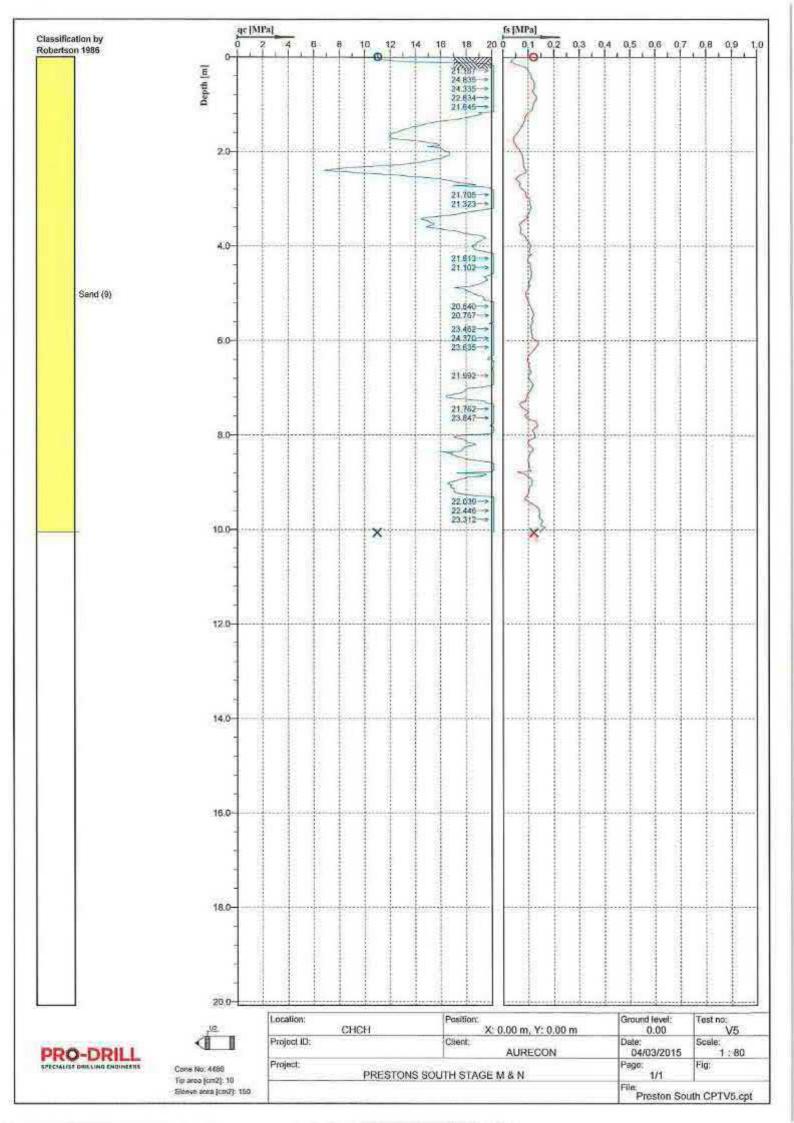


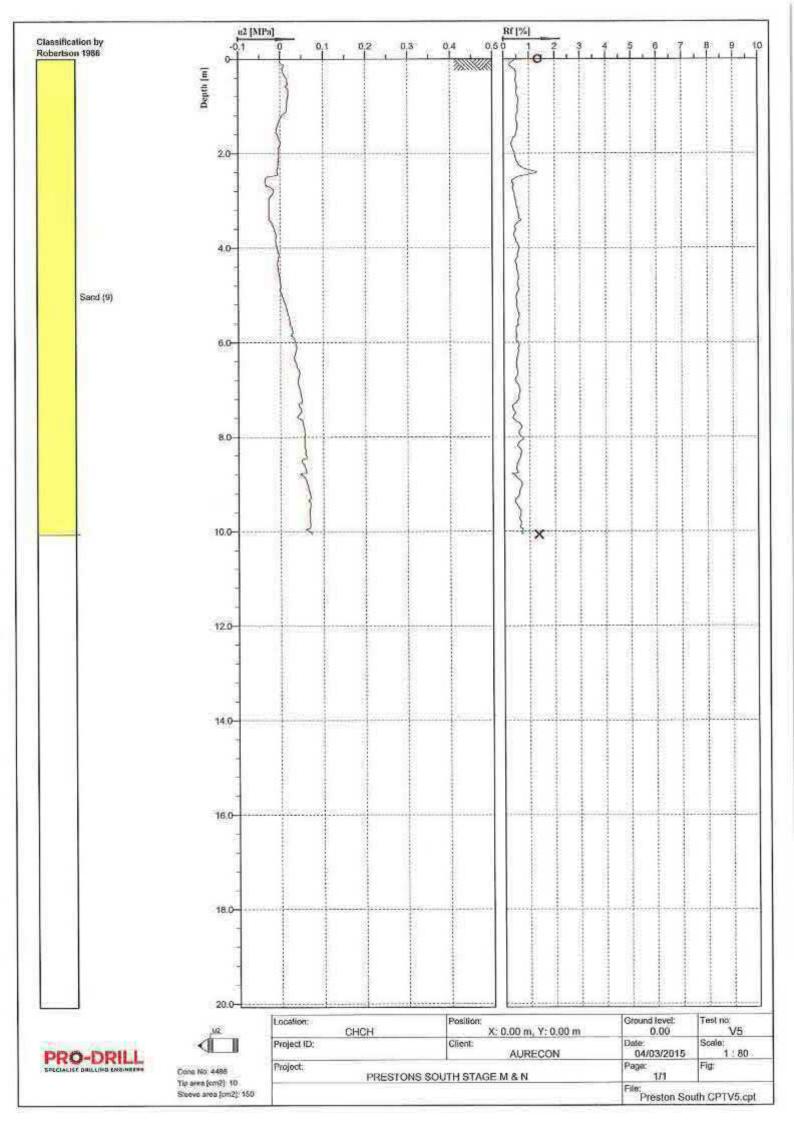


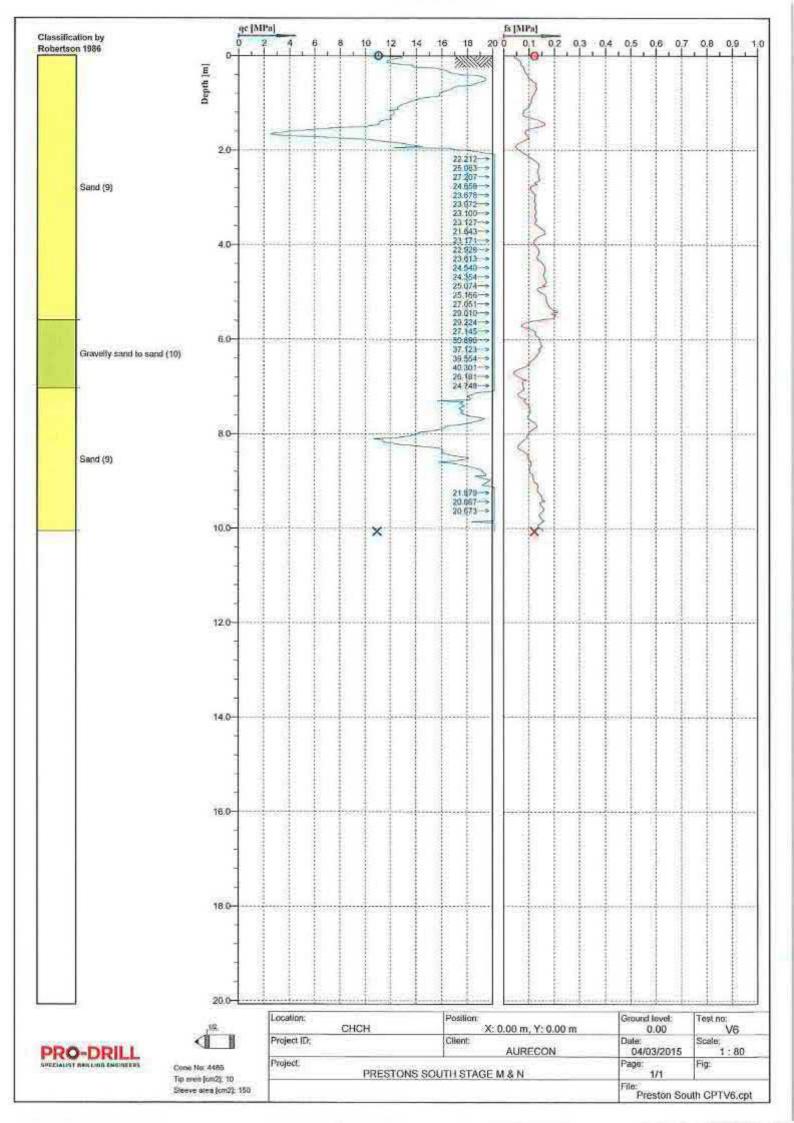


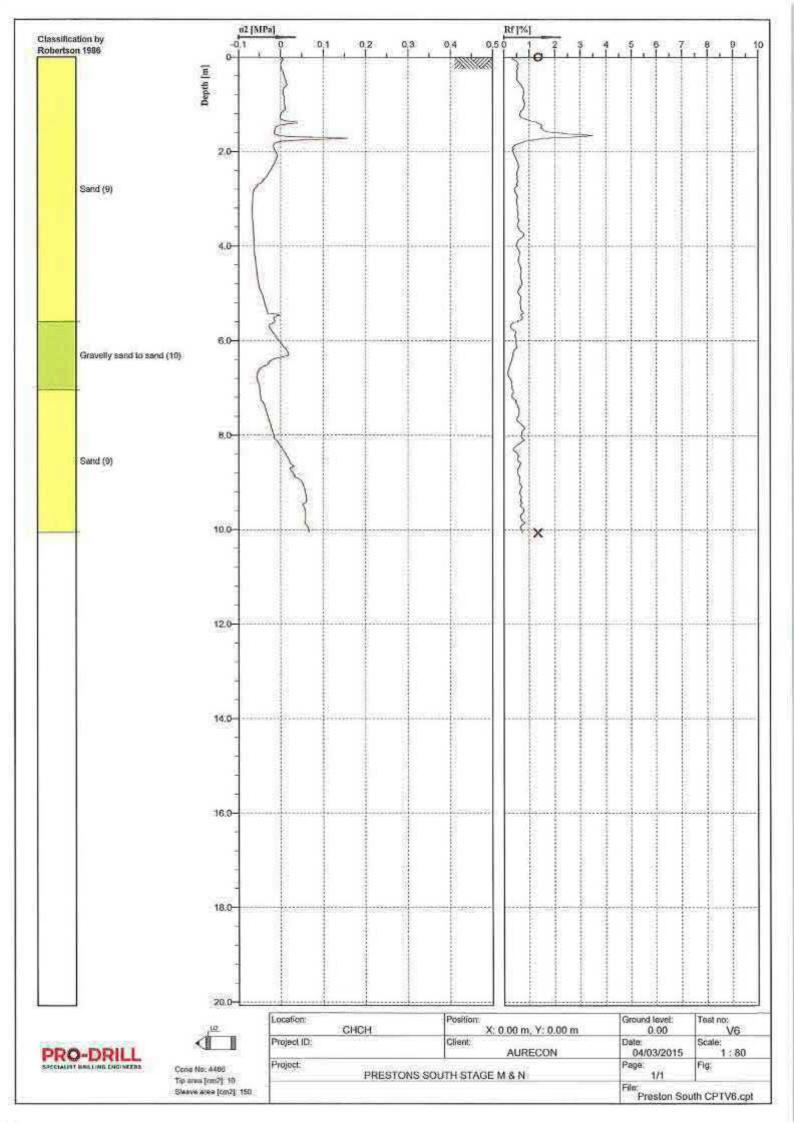


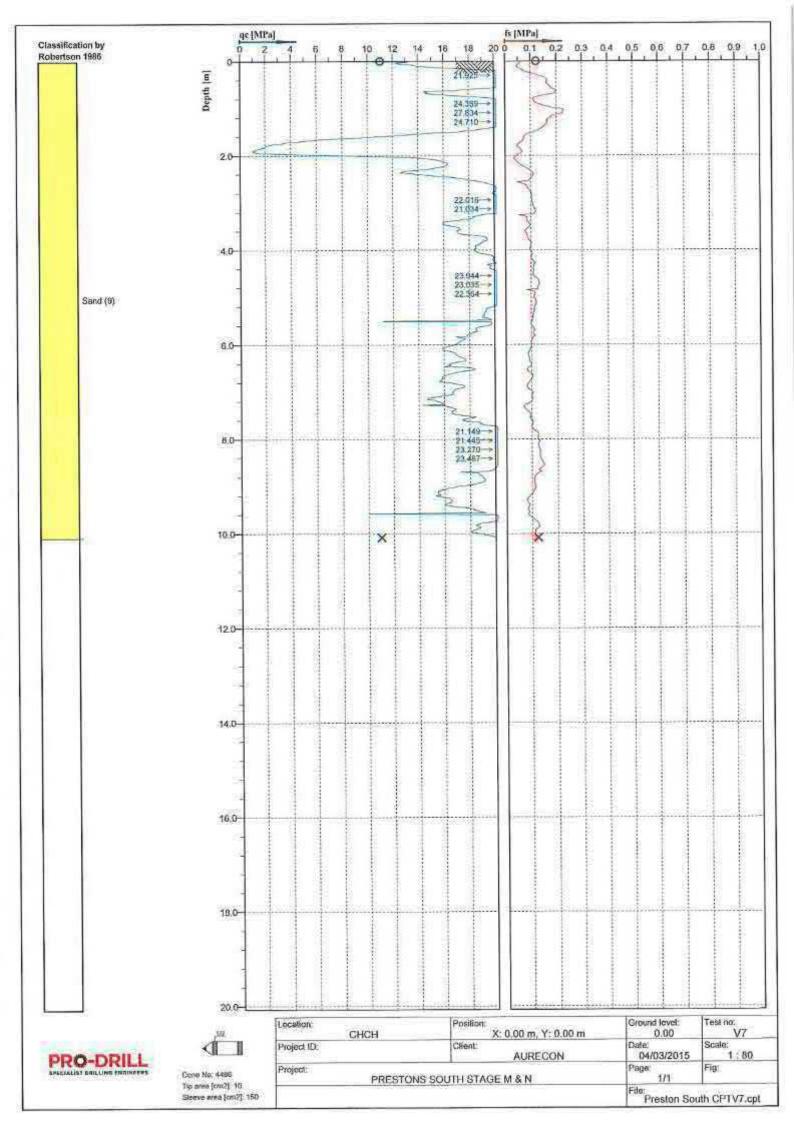


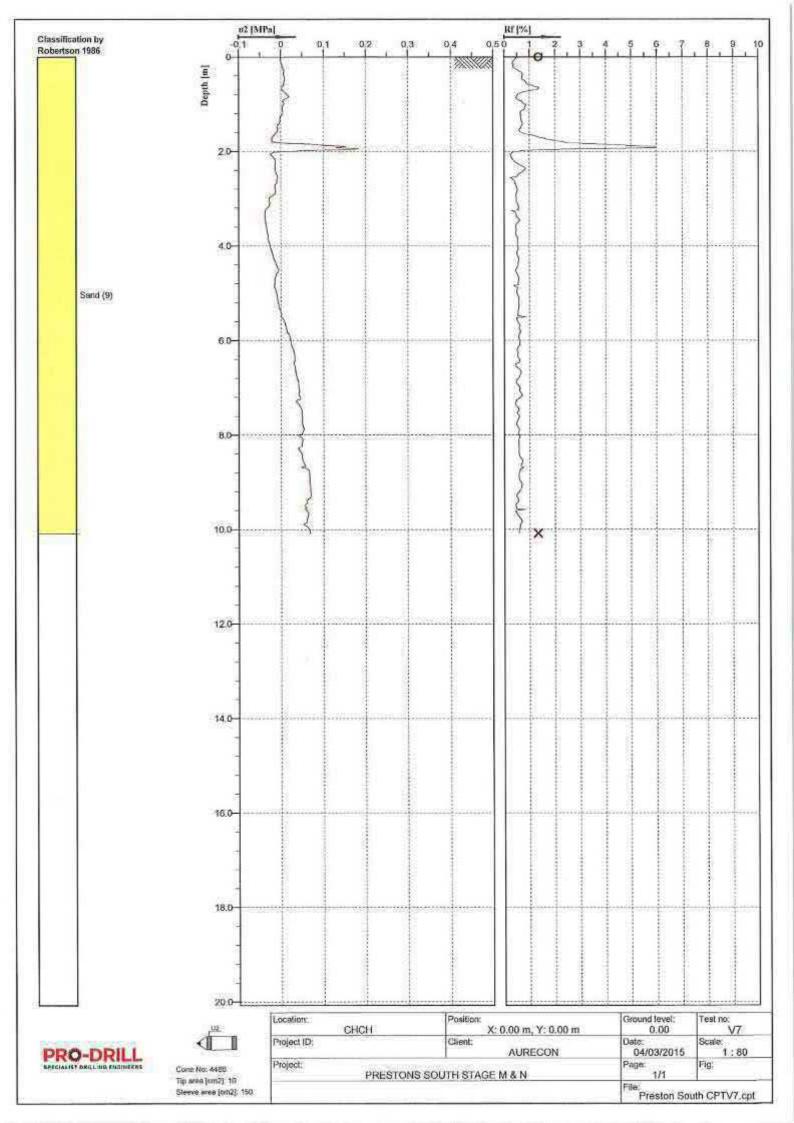


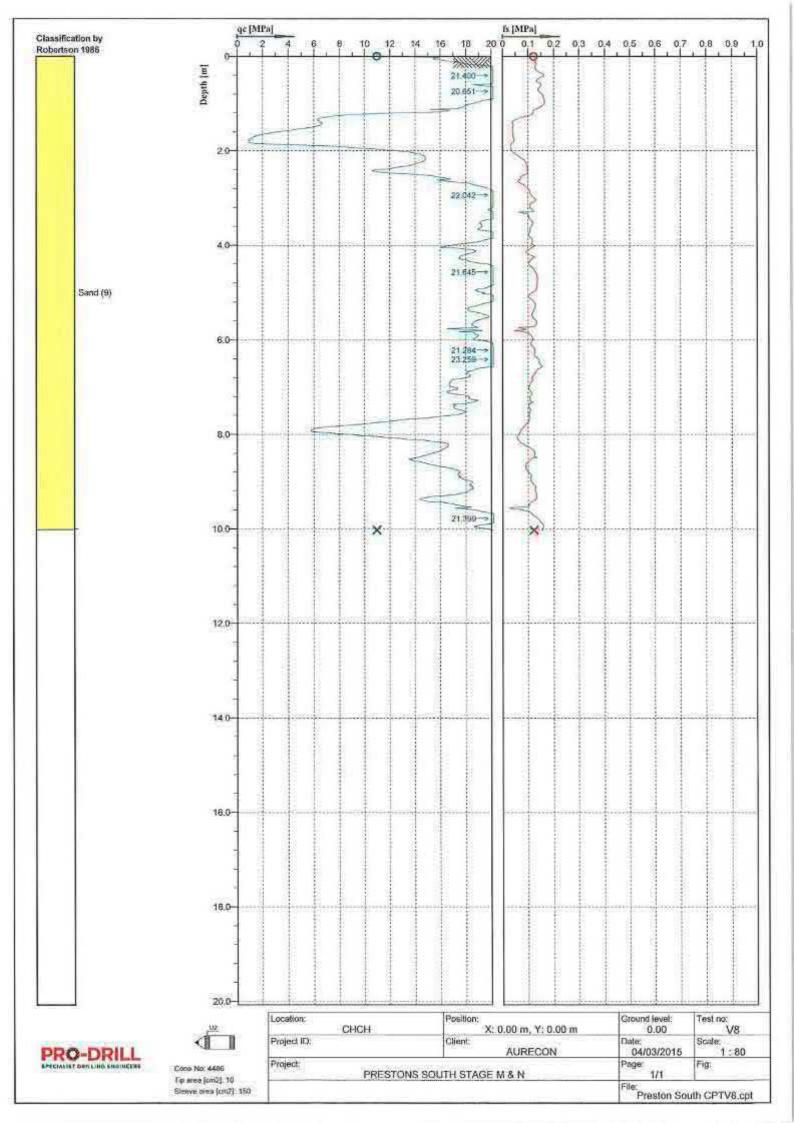


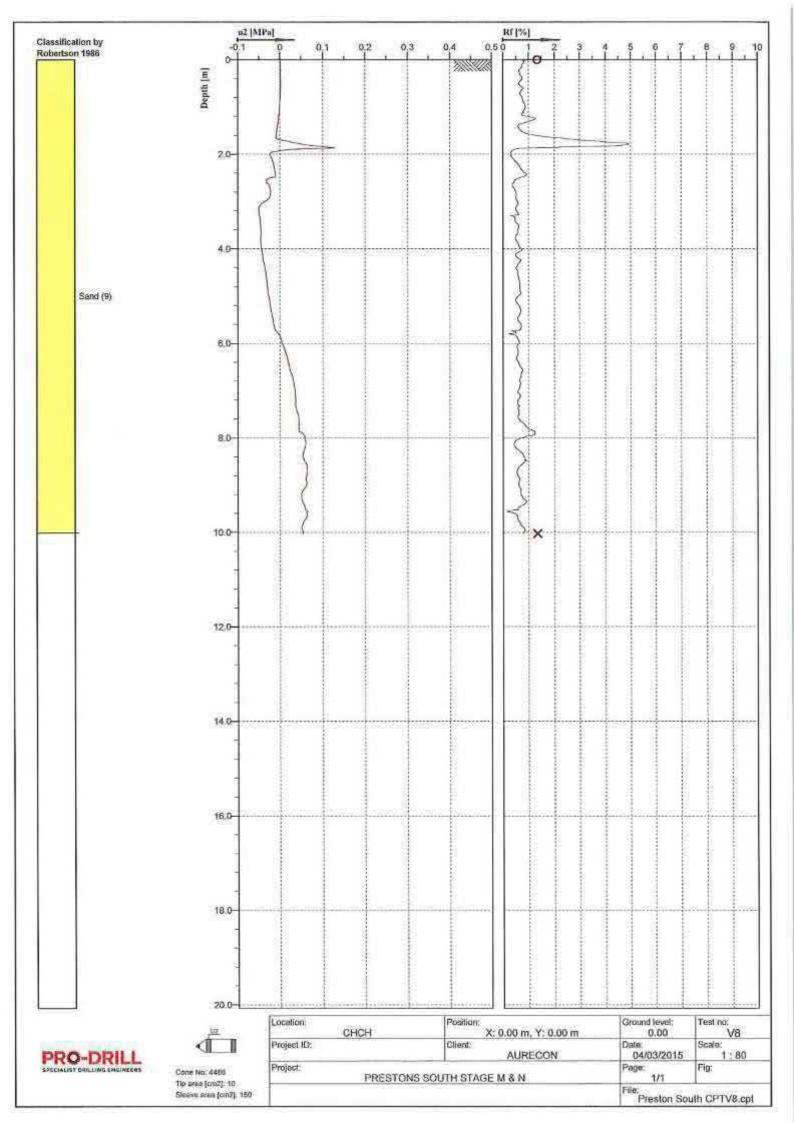


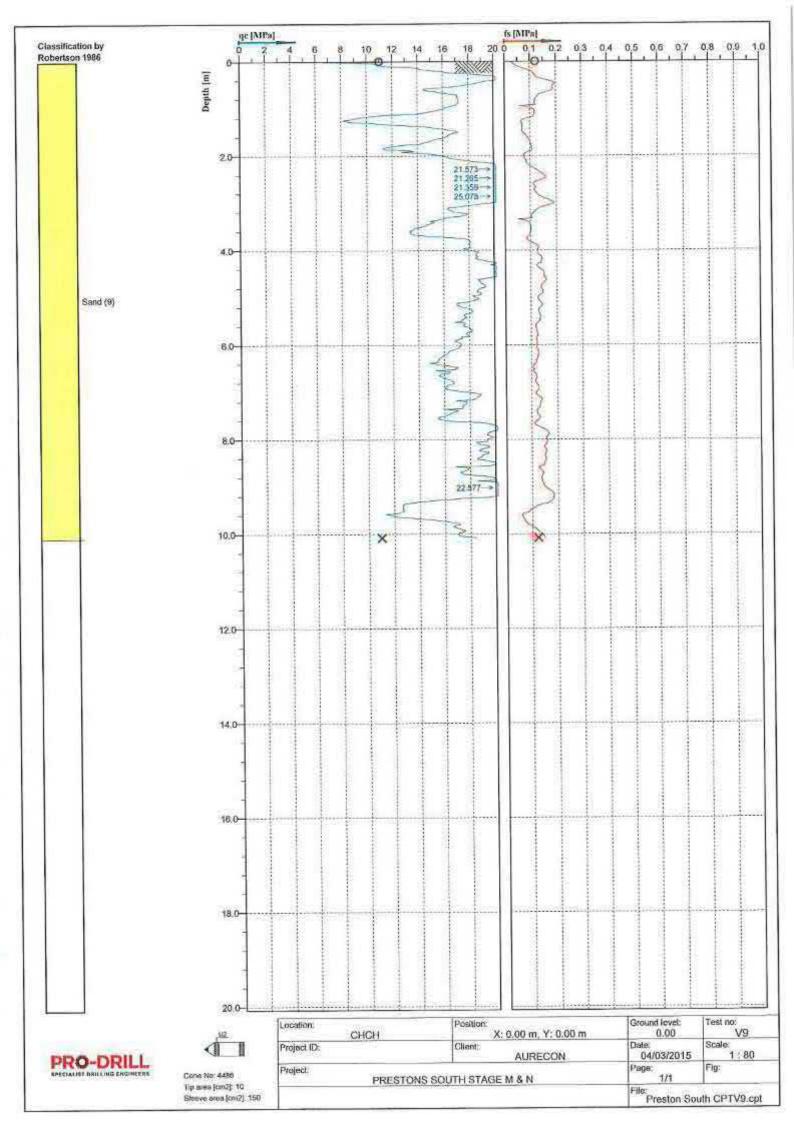


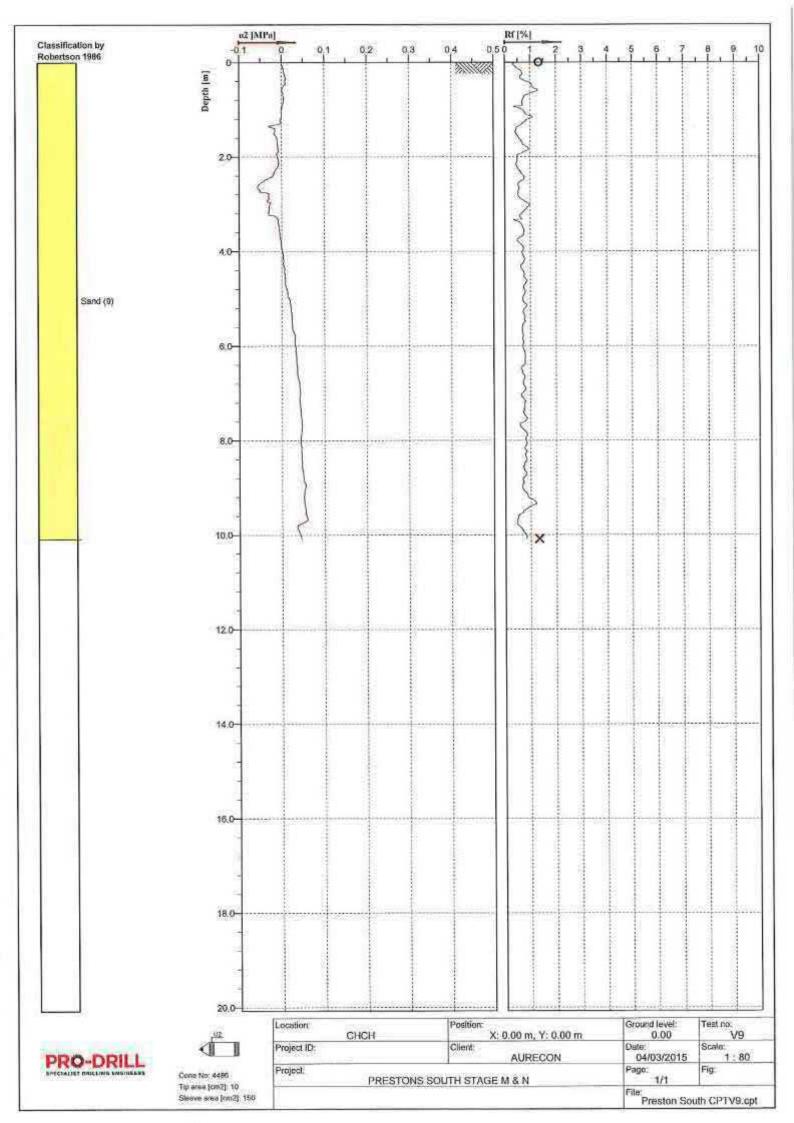












# Appendix K Certification

## Statement of Professional Opinion on the Suitability of Land for Building Construction

ISSUED BY:

Aurecon New Zealand Limited

TO:

CDL Land New Zealand Limited

TO BE SUPPLIED TO:

Christchurch City Council

IN RESPECT OF:

Prestons South Subdivision Stage M & N

AT:

Prestons Road, Christchurch

I, Dr Jan Kupee, on behalf of Aurecon New Zealand Limited hereby confirm that:

- I am a suitably qualified and experienced Geotechnical Engineer and my firm was retained by the developer to provide geotechnical engineering services on the above development.
- The extent of my inspections, and the results of all tests carried out are as described in the geotechnical report Geotechnical Completion Report Prestons South Stage M & N, Revision 0, Project No. 235361, dated 27 March 2015.
- 3. In my professional opinion, not to be construed as a guarantee and based only on the extent of our inspections and tests in accordance with our scope of services, I consider that:
  - (a) The completed works give due regard to land slope and foundation stability considerations.
  - (b) The original ground not affected by filling and the filled ground are suitable for the construction of a development/subdivision and are not subject to erosion, subsidence or slippage in accordance with the provisions of Section 106 of the Resource Management Act 1991 provided that the recommendations made in the Aurecon Report Geotechnical Completion Report Prestons South Stage M & N, Revision 0, Project No. 235361, dated 27 March 2015 are followed.
- 4. This professional opinion is furnished to the territorial authority and the owner/developer for their purposes alone, on the express condition that it will not be relied upon by any other person and does not remove the necessity for the normal inspection of foundation conditions at the time of erection of any building.
- This certificate shall be read in conjunction with my/the geotechnical report referred to in Clause 2 above, and shall not be copied or reproduced except in conjunction with the full geotechnical completion report.
- The geotechnical engineering firm issuing this statement holds a current policy of professional indemnity insurance of no less than \$250,000.

(Minimum amount of insurance shall be commensurate with the current amounts recommended by IPENZ, ACENZ, TNZ, INGENIUM.)

3/2015

Signature of Engineer)

Qualifications and experience:

PhD, MSc, canding, MIPENZ, CPEng (Geotechnical & Project Management), IntPE

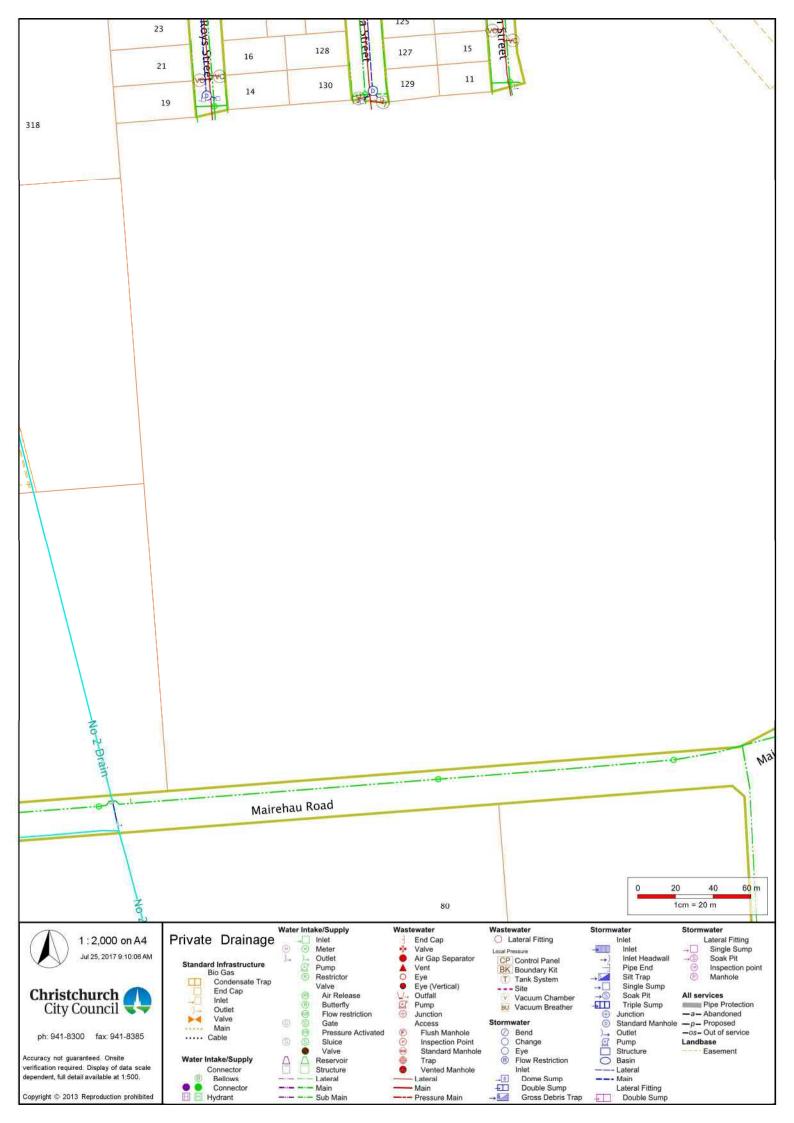


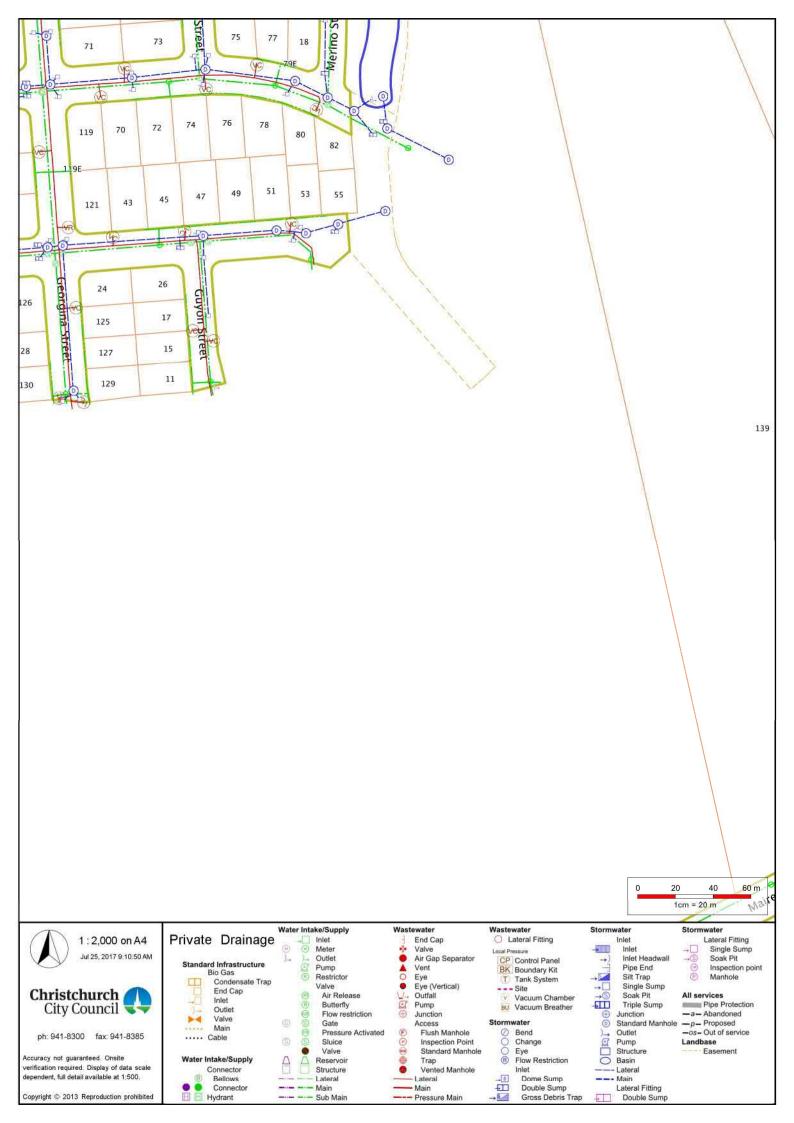
#### **Aurecon New Zealand Limited**

Unit 1, 150 Cavendish Road Casebrook Christchurch 8051 PO Box 1061 Christchurch 8140 New Zealand

T +64 3 366 0821
F +64 3 379 6955
E christchurch@aurecongroup.com
W aurecongroup.com

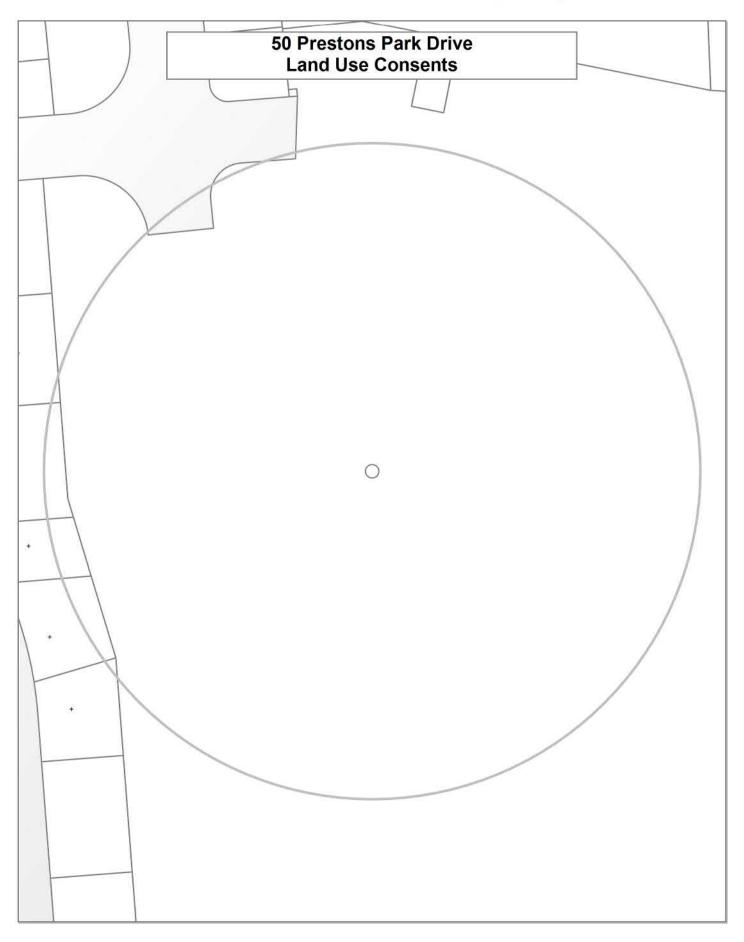
Aurecon offices are located in: Angola, Australia, Botswana, China, Ethiopia, Hong Kong, Indonesia, Lesotho, Libya, Malawi, Mozambique, Namibia, New Zealand, Nigeria, Philippines, Singapore, South Africa, Swaziland, Tanzania, Thailand, Uganda, United Arab Emirates, Vietnam.





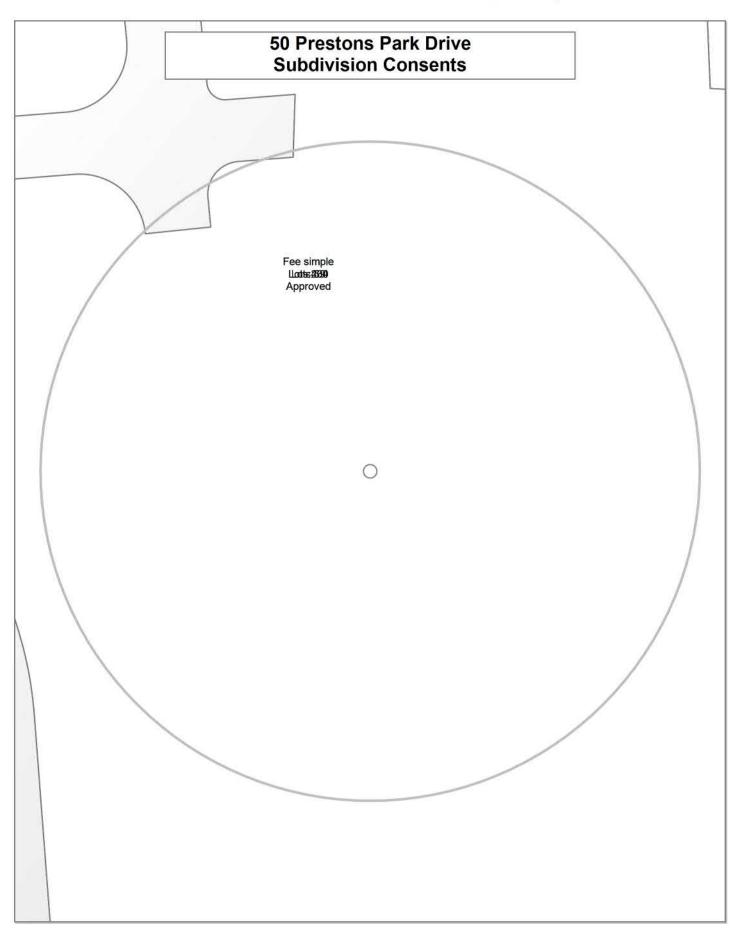
28/2/86. Maillean Rd - Saumis - Pat Cassely. 119 mairehau Road Old Shed undagoing alterations. 77 Ammber. Danker-Terry Holling-1P 1800 depth 0.8m. 27.0m BOUNDARY.





Tuesday, 25 July 2017 Page 1 of 4





Tuesday, 25 July 2017 Page 2 of 4



#### Land Use Resource Consents within 100 metres of 50 Prestons Park Drive

Note: This list does not include subdivision Consents and Certificates of Compliance issued under the Resource Management Act.

#### 11 Ellesmere Street

RMA/2006/850

Overseas investment certificate - Historical Reference RMA92004879

Processing complete

Applied 21/04/2006

Decision issued 05/05/2006

Granted 04/05/2006

RMA/2011/1766

UNDERTAKE EARTHWORKS - Historical Reference RMA92019351

Processing complete

Applied 22/12/2011

Decision issued 20/04/2012

Granted 20/04/2012

RMA/2013/2369

Stage 2 Prestons Development - Historical Reference RMA92024089

Processing

Applied 07/11/2013

RMA/2014/502

EARTHWORKS - IN CONJUNCTION WITH RMA92019351 - Historical Reference RMA92025118

Processing

Applied 05/03/2014

#### **Data Quality Statement**

#### **Land Use Consents**

All resource consents are shown for sites that have been labelled with an address. For sites that have been labelled with a cross (+) no resource consents have been found. Sites that have no label have not been checked for resource consents. This will be particularly noticeable on the margins of the search radius. If there are such sites and you would like them included in the check, please ask for the LIM spatial query to be rerun accordingly. This will be done free of charge although there may be a short delay. Resource consents which are on land occupied by roads, railways or rivers are not, and currently cannot be displayed, either on the map or in the list. Resource consents that relate to land that has since been subdivided, will be shown in the list, but not on the map. They will be under the address of the land as it was at the time the resource consent was applied for. Resource consents that are listed as Non-notified and are current, may in fact be notified resource consents that have not yet been through the notification process. If in doubt. Please phone (03)941 8999.

The term "resource consents" in this context means land use consents. Subdivision consents and certificates of compliance are excluded.

Tuesday, 25 July 2017 Page 3 of 4



#### **Subdivision Consents**

All subdivision consents are shown for the sites that have been labelled with consent details. For Sites that have been labelled with a cross (+) no records have been found. Sites that have no label have not been checked for subdivision consents. This will be particularly noticeable on the margins of the search radius. If there are such sites and you would like them included in the check, please ask for the LIM spatial query to be rerun accordingly. This will be done free of charge although there may be a short delay.

The term "subdivision consents" in this context means a resource consent application to subdivide land. Non subdivision land use resource consents and certificates of compliance are excluded.

This report will only record those subdivision applications which have not been completed i.e once a subdivision has been given effect to and the new lots/properties have been established the application which created those lots will not be shown

All subdivision consent information is contained on the map and no separate list is supplied

Tuesday, 25 July 2017 Page 4 of 4