


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>Accredited to ISO/IEC 17025:2005</p>	<b>Causeway Geotech Limited</b>  <b>Issue No: 001    Issue date: 09 May 2018</b>	
	<b>8 Drumahiskey Road</b> <b>Ballymoney</b> <b>BT53 7QL</b> <b>United Kingdom</b>	<b>Contact: Dr Paul Dunlop BEng, PhD, CEng, MIEI</b> <b>Tel: +44 (0)28 2766 6640</b> <b>E-Mail: Paul.dunlop@causewaygeotech.com</b> <b>Website: www.causewaygeotech.com</b>
<b>Testing performed by the Organisation at the locations specified</b>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<b>Address</b> 8 Drumahiskey Road Ballymoney BT53 7QL United Kingdom	<b>Contact:</b> Dr Paul Dunlop BEng, PhD, CEng, MIEI	Testing: Soil - mechanical & physical testing Rocks - mechanical & physical testing  Laboratory

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
All locations suitable for the activities listed	Testing: Soils – mechanical & physical testing	Site



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ROCK	Point load strength and anisotropy indices	ISRM Commission on Testing Methods. Suggested Method for Determining Point Load Strength 1985	Laboratory
SOILS for civil engineering purposes	Moisture content - oven drying method	BS 1377- 2:1990	Laboratory
	Liquid limit - cone penetrometer (definitive method)	BS 1377- 2:1990	Laboratory
	Liquid limit - cone penetrometer - one point	BS 1377- 2:1990	Laboratory
	Plastic limit	BS 1377- 2:1990	Laboratory
	Plasticity index and liquidity index	BS 1377- 2:1990	Laboratory
	Density – linear measurement	BS 1377- 2:1990	Laboratory
	Particle density - gas jar	BS 1377- 2:1990	Laboratory
	Particle size distribution - wet sieving	BS 1377- 2:1990	Laboratory
	Particle size distribution - dry sieving	BS 1377- 2:1990	Laboratory
	Particle size distribution - sedimentation hydrometer method	BS 1377- 2:1990	Laboratory
	Uniformity Coefficient	Specification for Highway Works Table 6/1 footnote 5	Laboratory
Dry density/moisture content relationship (2.5 kg rammer)	BS 1377- 4:1990	Laboratory	



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SOILS for civil engineering purposes (cont'd)	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377- 4:1990	Laboratory
	Moisture condition value (MCV)	BS 1377- 4:1990	Laboratory
	MCV/moisture content relation	BS 1377- 4:1990	Laboratory
	California Bearing Ratio (CBR)	BS 1377- 4:1990	Laboratory
	One-dimensional consolidation properties	BS 1377- 5:1990	Laboratory
	Undrained shear strength – triaxial compression without measurement of pore pressure (0.12 to 24kN loads)	BS 1377- 7:1990	Laboratory
	Undrained shear strength – triaxial compression with multistage loading and without measurement of pore pressure (0.12 to 24kN loads)	BS 1377- 7:1990	Laboratory



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SOILS for civil engineering purposes (cont'd)	Vertical deformation and strength characteristics of soil by the plate loading test	BS 1377- 9:1990	Site
	Calculation of Equivalent CBR by plate bearing test	Design Manual for Roads and Bridges: IAN 73/06 (revision 1, 2009)	Site
	In-situ DCP Index using the dual mass cone penetrometer	DIHTP TP07-4	Site
	Equivalent CBR value using a dynamic cone penetrometer (DCP)	Specification for Highway Works: Design Guidance for Road Pavement Foundations Interim Advice Note 73/06 rev1 Design Manual for Roads and Bridges, HMSO, HD 29/08	Site
END			