


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>10122</b> Accredited to ISO/IEC 17025:2017	<b>Causeway Geotech Limited</b>	
	Issue No: 003 Issue date: 11 March 2020	
	8 Drumahiskey Road Ballymoney BT53 7QL United Kingdom	Contact: Dr Paul Dunlop BEng, PhD, CEng, MIEI Tel: +44 (0)28 2766 6640 E-Mail: Paul.dunlop@causewaygeotech.com Website: www.causewaygeotech.com
Testing performed by the Organisation at the locations specified		

### 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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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
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
	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	



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<b>GEOTECHNICAL INVESTIGATION and TESTING</b> - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014	Laboratory
	Bulk density - linear measurement method	BS EN ISO 17892-2:2014	Laboratory
	Determination of liquid limit by the fall cone method	BS EN ISO 17892-12 2018	Laboratory
	Determination of plastic limit	BS EN ISO 17892-12 2018	Laboratory
	Plasticity Index and Liquidity Index	BS EN ISO 17892-12 2018	Laboratory
	Determination of particle density – fluid pycnometer method	BS EN ISO 17892-3:2015	Laboratory
	Determination of particle size distribution -sieving method	BS EN ISO 17892-4:2016	Laboratory
	Determination of particle size distribution -hydrometer method	BS EN ISO 17892-4:2016	Laboratory
	Incremental loading oedometer test	BS EN ISO 17892-5: 2017	Laboratory
	Unconsolidated Undrained Triaxial Test	BS EN ISO 17892-8:2018	Laboratory
Direct Shear – Small Shearbox	BS EN ISO 17892-10:2018	Laboratory	
<b>END</b>			