


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>1367</b>  Accredited to <b>ISO/IEC 17025:2017</b>	<b>Allied Exploration &amp; Geotechnics Ltd</b>	
	Issue No: 020    Issue date: 17 September 2020	
	<b>Unit 25</b> <b>Stella Gill Industrial Estate</b> <b>Pelton Fell</b> <b>Chester-le-Street</b> <b>County Durham</b> <b>DH2 2RG</b>	<b>Contact: Mr K Warriner</b> <b>Tel: +44 (0)191 387 4700</b> <b>Fax: +44 (0)191 387 4710</b> <b>E-Mail: Kevin.warriner@aeg.uk.net</b> <b>Website: www.aeg.uk.net</b>
<b>Testing performed by the Organisation at the locations specified below</b>		

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

#### Laboratory locations:

Location details		Activity	Location code
<b>Address</b> Unit 25 Stella Gill Industrial Estate Pelton Fell Chester-le -Street County Durham DH2 2RG	<b>Local contact</b> Ms M Selkirk	Testing: Rock – mechanical testing Soils – mechanical & physical testing, energy transmitted to drive rods (SPT)	Laboratory

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

Location details		Activity	Location code
All locations suitable for the activities listed	Contact: Mr K Warriner	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	Water content	ISRM Suggested Methods – Rock Characterization testing and Monitoring. Ed. E T Brown – 1981	Laboratory
	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:Part 2:1990	Laboratory
	Liquid limit - cone penetrometer (definitive method)	BS 1377:Part 2:1990	Laboratory
	Liquid limit - cone penetrometer - one point	BS 1377:Part 2:1990	Laboratory
	Plastic limit	BS 1377:Part 2:1990	Laboratory
	Plasticity index and liquidity index	BS 1377:Part 2:1990	Laboratory
	Linear shrinkage	BS 1377:Part 2:1990	Laboratory
	Density – linear measurement	BS 1377:Part 2:1990	Laboratory
	Particle density - gas jar	BS 1377:Part 2:1990	Laboratory
	Particle size distribution - wet sieving	BS 1377:Part 2:1990	Laboratory
	Particle size distribution - dry sieving	BS 1377:Part 2:1990	Laboratory
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377:Part 4:1990	Laboratory
Dry density/moisture content relationship (4.5 kg rammer)	BS 1377:Part 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 (vibrating hammer)	BS 1377:Part 4:1990	Laboratory
	Maximum density of gravelly soils	BS 1377:Part 4:1990	Laboratory
	Minimum density of gravelly soils	BS 1377:Part 4:1990	Laboratory
	Moisture condition value (MCV)	BS 1377:Part 4:1990	Laboratory
	MCV/moisture content relation	BS 1377:Part 4:1990	Laboratory
	California Bearing Ratio (CBR)	BS 1377:Part 4:1990	Laboratory
	Measurement of swelling of soaked CBR specimen	BS 1377:Part 4:1990	Laboratory
	One-dimensional consolidation properties	BS 1377:Part 5:1990	Laboratory
	Permeability - constant head method	BS 1377:Part 5:1990	Laboratory
	Shear strength – small shearbox	BS 1377:Part 7:1990	Laboratory
	Unconfined compressive strength - load frame method	BS 1377:Part 7:1990	Laboratory
	Undrained shear strength – triaxial compression without measurement of pore pressure	BS 1377:Part 7:1990	Laboratory
	Undrained shear strength – triaxial compression with multistage loading and without measurement of pore pressure	BS 1377:Part 7:1990	Laboratory
Permeability – falling head method	Documented In-House Method AEG 21 based on Head, K H:Manual of Soil Laboratory Testing, Vol 2, Sect 10.7.2	Laboratory	



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SOILS for civil engineering purposes (cont'd)	In-situ density - sand replacement method (large pouring cylinder)	BS 1377:Part 9:1990	Site
	In-situ density - core cutter method	BS 1377:Part 9:1990	Site
	Vertical deformation and strength characteristics of soil by the plate loading test	BS 1377:Part 9:1990	Site
	In-situ California Bearing Ratio (CBR)	BS 1377:Part 9:1990	Site
	SPT value	BS EN ISO 22476-3:2005	Site
	Standard penetration test: Measurement of the actual energy transmitted to the drive rods	BS EN ISO 22476-3:2005, Annex B	Laboratory Site
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Determination of water content	BS EN ISO 17892-1:2014	Laboratory
	Determination of bulk density - linear measurement method	BS EN ISO 17892-2:2014	Laboratory
	Determination of particle size distribution -sieving method	BS EN ISO 17892-4:2016	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

END