Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

7730

Accredited to ISO/IEC 17025:2017

Gardline Limited

Issue No: 019 **Issue date:** 19 October 2026

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS for civil engineering purposes	Saturation water content of chalk	BS 1377-2:2022
	Particle density - gas jar method	BS 1377-2:2022
	Shear strength by the laboratory vane method	BS 1377-2:2022
	pH value	BS 1377-3:2018
	Mass loss on ignition	BS 1377-3:2018
	Measurement of resistivity - Wenner probe method	BS 1377-3:2018+A1:2021
	Rapid determination of carbonate content	ASTM D4373-14
	Determination of water (moisture) content of soil and rock by mass	ASTM D2216-19
	Determination of density and unit weight of soil specimens	ASTM D7263-21
	Consolidated undrained direct simple shear testing of fine grain soils (DSS)	ASTM D6528-17
	Consolidated undrained cyclic direct simple shear test under constant volume with load control or displacement control (CSS)	ASTM D8296-19
	One-dimensional consolidation properties of saturated cohesive soils using controlled-strain loading (CRS)	ASTM D4186 / D4186M-20

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS for civil engineering purposes (cont'd)	Determination of Thermal Conductivity of Soil and Rock by Thermal Needle Probe Procedure	ASTM D5334-22aε1
	Determination of minimum and maximum dry densities of sands	Documented in-house procedure PRO006a / NGI-Geolabs recommended method statement
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil	Water content	BS EN ISO 17892-1:2014+A1:2022
	Bulk density - linear measurement method	BS EN ISO 17892-2:2014
	Bulk density – immersion in fluid method	BS EN ISO 17892-2:2014
	Determination of particle density – fluid pycnometer method	BS EN ISO 17892-3:2015
	Determination of particle size distribution - sieving method	BS EN ISO 17892-4:2016
	Determination of particle size distribution - hydrometer method	BS EN ISO 17892-4:2016
	Incremental loading oedometer test	BS EN ISO 17892-5:2017
	Unconsolidated undrained triaxial test	BS EN ISO 17892-8:2018
	Direct shear test using the small shearbox apparatus	BS EN ISO 17892-10:2018
	Direct shear test using the Bromhead ring shear apparatus, including soil: steel interface tests	BS EN ISO 17892-10:2018 & ICP design methods for driven piles in sands and clays, Jardine et al, 2005
	Determination of plastic limit	BS EN ISO 17892-12:2018+A2:2022
	Determination of liquid limit by the fall cone method	BS EN ISO 17892-12:2018+A2:2022
	Determination of liquid limit by the fall cone method - one-point method	BS EN ISO 17892-12:2018+A2:2022

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
GEOTECHNICAL INVESTIGATION and TESTING - Laboratory testing of soil (cont'd)	Plasticity index and liquidity index	BS EN ISO 17892-12:2018+A2:2022
END		