

ANNEXURE A

SCHEDULE OF ACCREDITATION

Facility Number: **T1048**

Permanent Address of Laboratory:

PHEZULU GEOTECHNICAL CIVILS CC
Central Park Unit 57
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Mr XR Nhlabathi

Nominated Representative:

Mr KA Maluleke

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Materials / Products Tested	Type of Tests / Properties Measured, Range of Measurement	Standard Specifications, Techniques / Equipment Used
Soils, Sand and Gravels	Wet preparation and particle size analysis	SANS 3001 - GR1:2013
	Dry preparation and dry particle size analysis of gravels and sands	SANS 3001 - GR2:2011
	Particle size analysis of materials smaller than 2mm (Hydrometer method)	SANS 3001 - GR3:2014
	Wet preparation and air-drying of samples for plasticity index and hydrometer	SANS 3001 - GR5:2012
	Determination of the one-point liquid limit, plastic limit, plasticity index and shrinkage	SANS 3001 - GR10:2013
	Determination of the liquid limit with the two-point method	SANS 3001 - GR11:2013
	Determination of maximum dry density and optimum moisture content	SANS 3001 - GR30:2015
	Determination of the maximum dry density and optimum moisture content of laboratory mixed cementitiously stabilised materials	SANS 3001 - GR31:2015
	Determination of the California Bearing Ratio	SANS 3001 - GR40:2013
	Preparation, compaction and curing of specimens of laboratory mixed cementitiously stabilised materials	SANS 3001 - GR50:2013

Aggregate	Determination of the unconfined compressive strength of compacted and cured specimens of cementitiously stabilised materials	SANS 3001 - GR53:2010
	Determination of the indirect tensile strength of compacted and cured specimens of cementitiously stabilised materials	SANS 3001 - GR54:2014
	Determination of the in-situ density using nuclear gauge	SANS 3001 - NG5:2014
	Particle size analysis of the aggregates sieving	SANS 3001 - AG1:2014
	Determination of the flakiness index of coarse aggregate	SANS 3001 - AG1: 2015
Concrete	ACV (Aggregate Crushing Value) and 10% FACT (Fines Aggregate Crushing Test) value of coarse aggregates	SANS 3001 - AG10:2012
	Apparent density of crushed stone base	SANS 3001 - AG22: 2012
	Mixing fresh concrete in the Laboratory	SANS 5861-1:2006
	Making and curing of test specimens	SANS 5861-3:2006
Sampling	Consistence of freshly mixed concrete Slump test	SANS 5862-1:2006
	Compressive strength of hardened concrete	SANS 5863:2006
	Sample by freshly mixed concrete	TMH5 MB9:1981
	Sampling form sampling Pit in Natural Gravel, Soil and Sand	THM5 MA2: 1981
	Soil & Aggregates from Stockpiles	TMH5 MB1: 1981
	Sampling of road pavement layers	THM5 MC1:1981
	Division of a sample using the riffler	TMH5 MD1:1981
	Division of a sample by quartering	TMH5 MD2: 1981

Original Date of Accreditation: 24 August 2023

ISSUED BY THE SOUTH AFRICAN NATIONAL ACCREDITATION SYSTEM

Accreditation Manager