

**CITY OF WHITEHORSE SERVICING STANDARDS MANUAL
SECTION 2 - CONSTRUCTION DESIGN CRITERIA
SUB-SECTION 2.8 - MINIMUM TEST FREQUENCY**

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2.8.1 SUBMISSION OF TEST RESULTS

All test results shall be submitted to the Engineer in writing within 72 hours and field copies of the results should be available at all times.

2.8.2 SOIL COMPACTION

Description	Depth	Density	Test Frequency	Lift Thickness
Pipe bedding	Varies	95% S.P.D.	1 per 100 lm*	150 mm
Pipe	0 - 1.0m	98% S.P.D.	1 per 100 lm*	300 mm
Backfill	Below 1.0m	95% S.P.D.	1 per 100 lm*	300 mm
Unsuitable Foundation Replacement	Varies	95% S.P.D.	As Required	150-300 mm
Roadway	0 - 1.0m	95% S.P.D.	1 per 100 lm*	200 mm
Embankment	Below 1.0m	95% S.P.D.	1 per 100 lm*	300 mm
Sub-grade Preparation	200 mm	98% S.P.D.	1 per 100 lm	
Sub-base, Base & Surface Course	As Spec.	98% S.P.D.	1 per 100 lm	As Spec

2.8.3 ASPHALT

Type of Test	Requirements	Test Frequency
Density	98% Standard Marshall	1 core every 1000m ² (with one core at the specified Marshall location)
Thickness	Specified tolerance	1 core every 1000m ²
Marshall	As per Mix Design	1 per day

2.8.4 CONCRETE

Type of Test	Requirements	Test Frequency
Compressive Strength	25MP @ 28 days	1 cylinder per 150m ²
Air Content	5% - 8%	1 test per 150m ³
Slump	CSA A23.2-5C	1 cylinder per 150m ²

Note * one test required for each metre of depth.