

MATROLAB (PTY) LTD

- CIVIL ENGINEERING SERVICES -
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TEST RESULTS

Lidwala Consulting Engineers
P.O Box 2930
Nelspruit
1200
Attention: Mr. Pieter de Jager

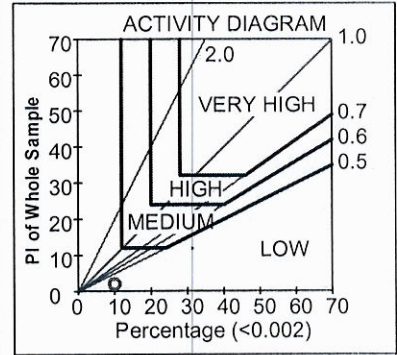
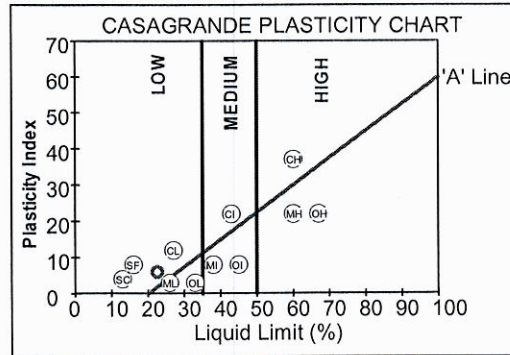
Project : Township Development at Mkhando Local Municipality
: Amsterdam
Your Ref :
Our Ref : 114302
Date Reported : 15/06/2016

FOUNDATION INDICATOR (ASTM: D422)

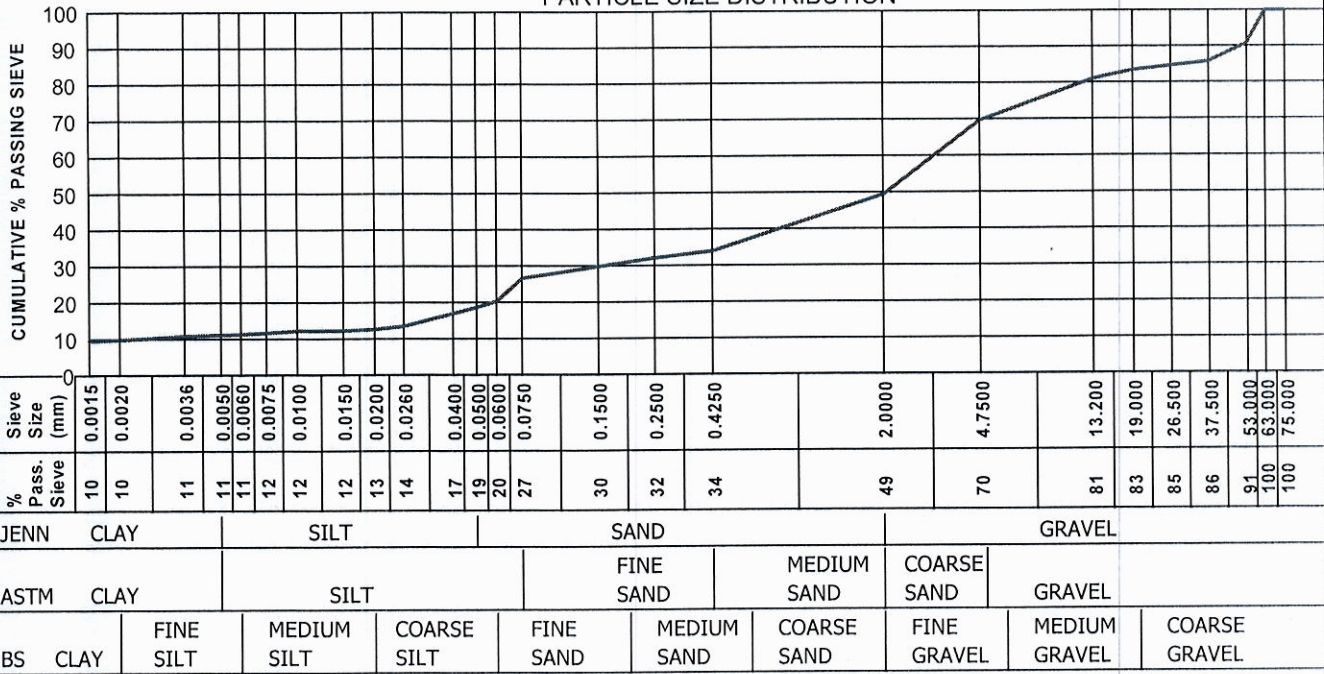
Sample No. : S6256
Hole No. : Tp100
Depth : 300-1400
Liquid Limit (%) : 22
Plasticity Index : 6
Linear Shrinkage (%) : 3.0
PI of Whole Sample : 2
P.R.A. Classification : A-2-4(0)
Unified Soil Classification : SM-SC
Activity : 0.20
Heave Classification : LOW
Grading Modulus : 1.90
Percentage (<0.002) : 10.0
Moisture Content (%) : 0.0

Material Description : LIGHT REDDISH BROWN SILTY SAND

	Clay (%)	Silt (%)	Sand (%)	Gravel (%)	Classification
Jennings	11.2	7.5	30.8	50.5	CLAYEY SAND
Astm	11.2	15.5	43.0	30.3	SILTY SAND
British Standard	9.8	10.5	29.1	50.5	SILTY SAND



PARTICLE SIZE DISTRIBUTION



Remarks :

FORM: A6

4.2.1R(SGS)(2016.02.12)

SANAS Technical Signatory : G. T. van Rooyen

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