

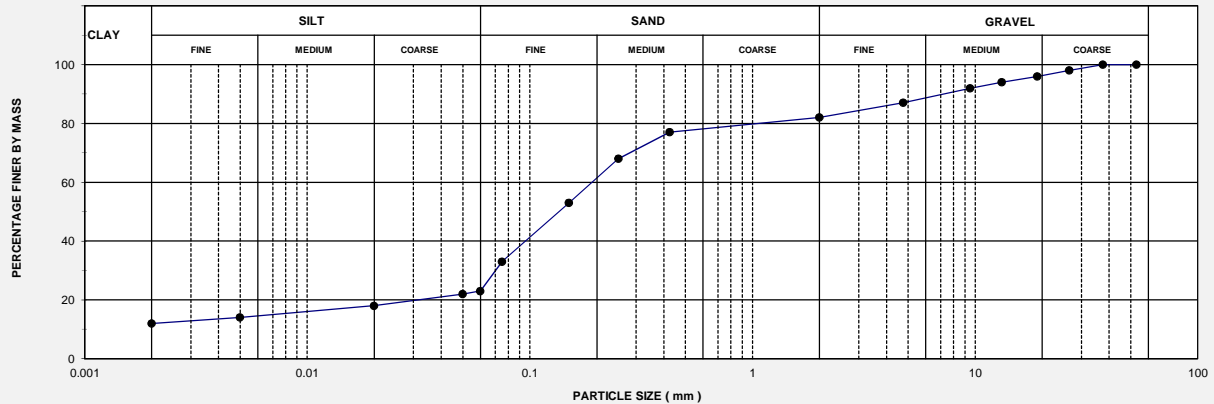


## FOUNDATION INDICATOR TEST RESULTS - REP COM 7

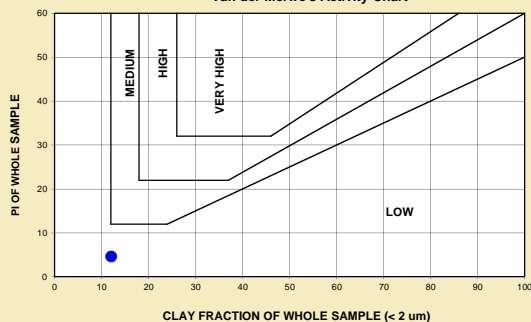
<b>Client:</b> Golder Associates	<b>Source/Location:</b>	<b>Job No:</b> 2015-C-231
<b>Project Name:</b> Koffiefontein	<b>Layer:</b>	<b>Sample No:</b> 5/1247
<b>Project No:</b> 1403275	<b>Lane:</b>	<b>Date:</b> 20/03/2015
<b>Hole/TP No:</b> B/TP02/1	<b>Stabilizing Agent:</b>	<b>Test Method:</b> TMH1 A1, A5 & MT1
<b>Depth (m):</b> 0 - 0.5	<b>Section:</b>	<b>Client Ref No:</b>
<b>Description:</b>	<b>Chainage:</b>	<b>GPS X:</b>
<b>Additional Info:</b>	<b>Offset:</b>	<b>GPS Y:</b>

SIEVE ANALYSIS				ATTERBERG LIMITS		SOIL CLASSIFICATION	
Sieve (mm)	% Passing	Sieve (mm)	% Passing				
75.0	100	0.425	77	Liquid Limit (%)	23	% Gravel	18
63.0	100	0.250	68	Plastic Limit (%)	17	% Sand	59
53.0	100	0.150	53	Plasticity Index (%)	6	% Silt	11
37.5	100	0.075	33	Weighted PI (%)	5	% Clay	12
26.5	98	0.060	23	Linear Shrinkage (%)	3.0	Activity	0.5
19.0	96	0.050	22	Grading Modulus	1.08	Unified Classification	SC
13.2	94	0.020	18	Uniformity coefficient	98	TRB Classification	A - 2 - 4
9.5	92	0.005	14	Coefficient of curvature	13.4		
4.75	87	0.002	12	Remarks:			
2.00	82						

### PARTICLE SIZE DISTRIBUTION



### POTENTIAL EXPANSIVENESS Van der Merwe's Activity Chart



### CASAGRANDE 'A' LINE

