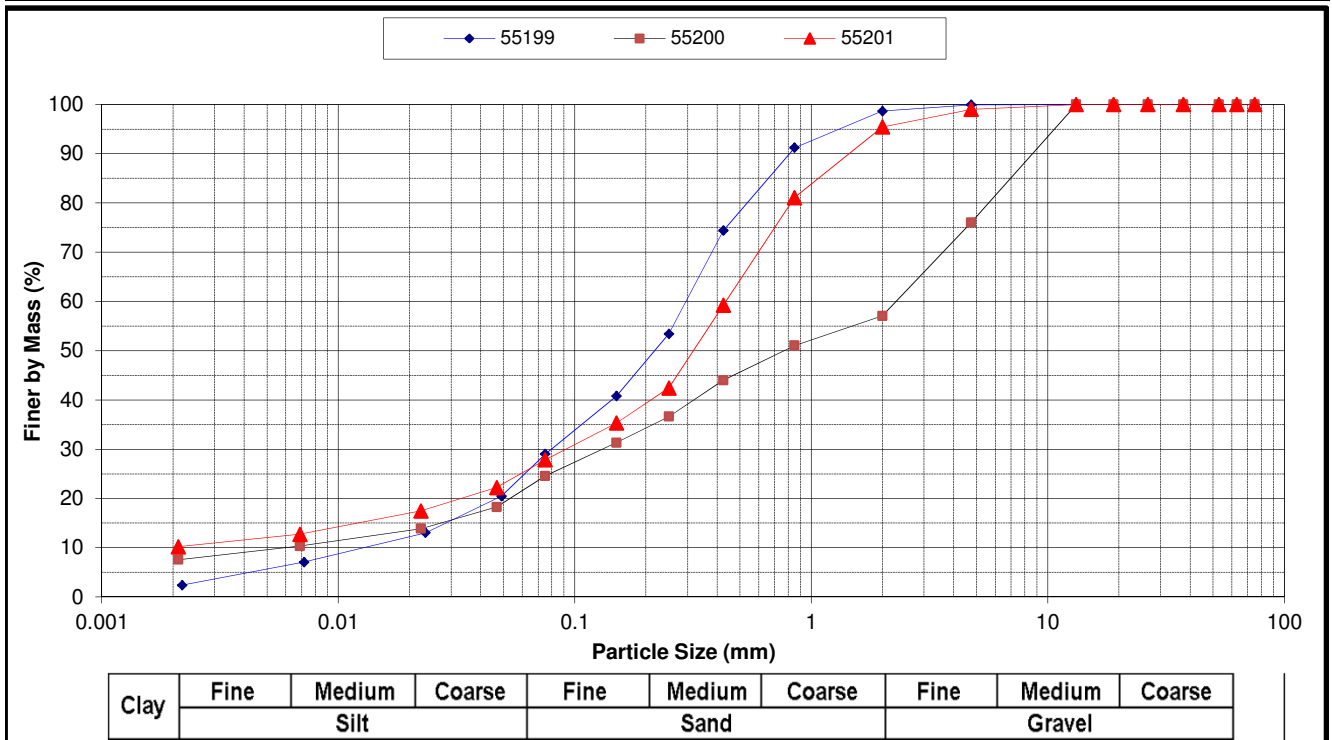


Foundation Indicator Test Data

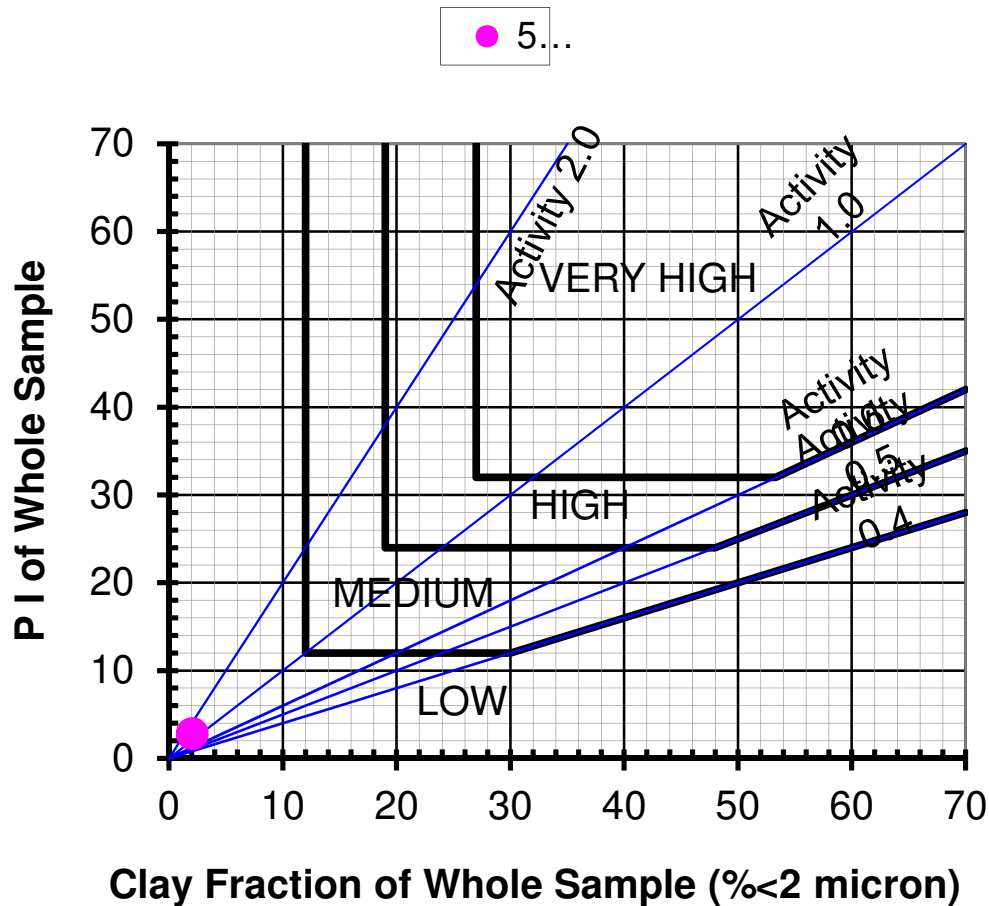
Project	JB Consult - Qua Qua Newlandfill Site		
Project No.	HP/B 390-18	Date	15 November 2013

Sample No.	55199	55200	55201	Sample No.	55199	55200	55201
Field Ref. No.	TP 1	TP 1	TP 1	%Gravel	1	43	5
Depth	0 - 0.5	0.5 - 0.8	0.8 - 1.8	%Sand	74	35	70
Sieve size	%Passing	% Passing	% Passing	%Silt	22	14	15
75.00	100	100	100	%Clay	2	7	10
63.00	100	100	100	NMC %	Not Tested	Not Tested	Not Tested
53.00	100	100	100	Liquid Limit	20	26	30
37.50	100	100	100	Plasticity Index	4	11	14
26.50	100	100	100	Linear Shrink.	2.	5.	6.5
19.00	100	100	100	Overall P.I.	3	5	8
13.20	100	100	100	Grading Modulus	0.98	1.74	1.17
4.75	100	76	99	H.R.B.	A-2-4 (0)	A-2-6 (0)	A-2-6 (1)
2.00	99	57	95	Unified	SM	SC	SC
0.85	91	51	81	Weston swell (%) at 1 kPa			
0.425	74	44	59	Analysis as per method D422 of ASTM of 1985 The results reported relate only to the samples tested. Documents may only be reproduced or published in their full context.			
0.25	53	37	42				
0.15	41	31	35				
0.075	29	25	28				
0.04	18	17	21				
0.02	11	13	17				
0.006	6	10	12				
0.002	2	7	10				



Remarks:

Activity Diagram After D H van der Merwe



Plotted Values:

Sample	Clay Frac	PI
55199	2.0	2.8
55200	7.5	5.0
55201	10.1	8.3