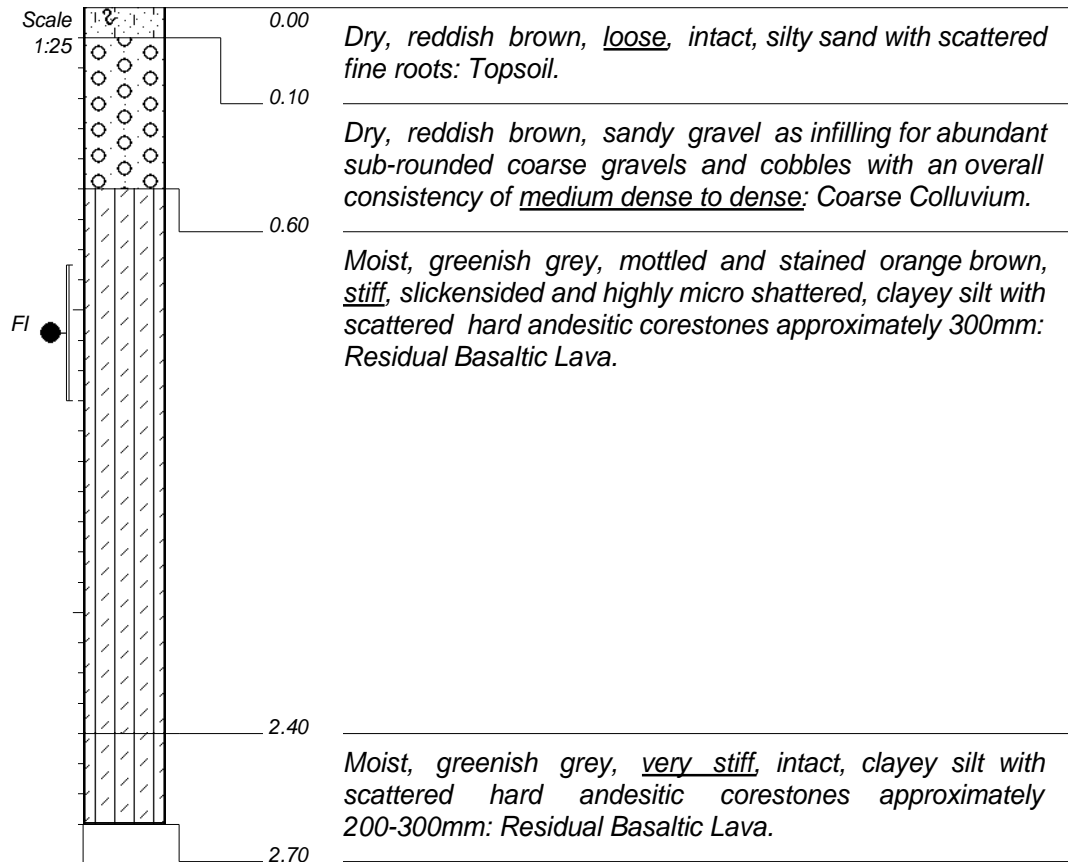


Sivest
Bophirima
Vryburg

HOLE No: **BOP1-2**
Sheet 1 of 1

JOB NUMBER: **10162/2**



NOTES

- 1) Refusal of TLB @ 2.7m
- 2) No water seepage observed
- 3) Disturbed sample FI 0.85--1.3m

CONTRACTOR : **Die Timmerman**
MACHINE : **JCB**
DRILLED BY : **David**
PROFILED BY : **M.C.**

TYPE SET BY : **Rev 1**
SETUP FILE : **STANDARD.SET**

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DIAM :
DATE : **05/09/2012**
DATE :
DATE : **08/10/12 09:09**
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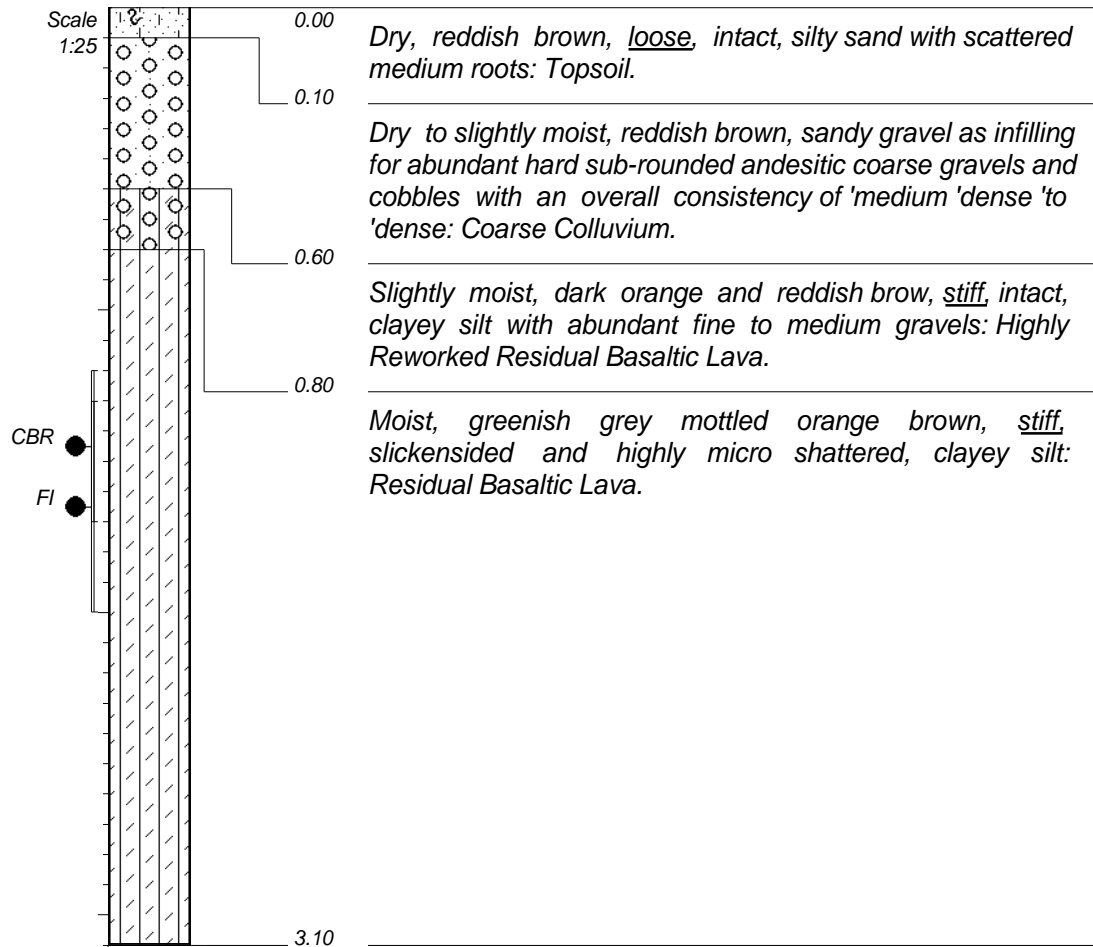
ELEVATION :
X-COORD : **2985838**
Y-COORD : **0021015**

HOLE No: **BOP1-2**

Sivest
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HOLE No: **BOP1-3**
Sheet 1 of 1

JOB NUMBER: 10162/2



NOTES

- 1) No Refusal of TLB @ 3.1m
- 2) No water seepage observed
- 3) Disturbed sample CBR 1.2--1.7m
- 4) Disturbed sample FI 1.3--2.0m

CONTRACTOR : Die Timmerman
MACHINE : JCB
DRILLED BY : David
PROFILED BY : M.C.

INCLINATION :
DIAM :
DATE : 05/09/2012
DATE :
DATE : 08/10/12 09:09
TEXT : ..\2012\10162--2.TXT

ELEVATION :
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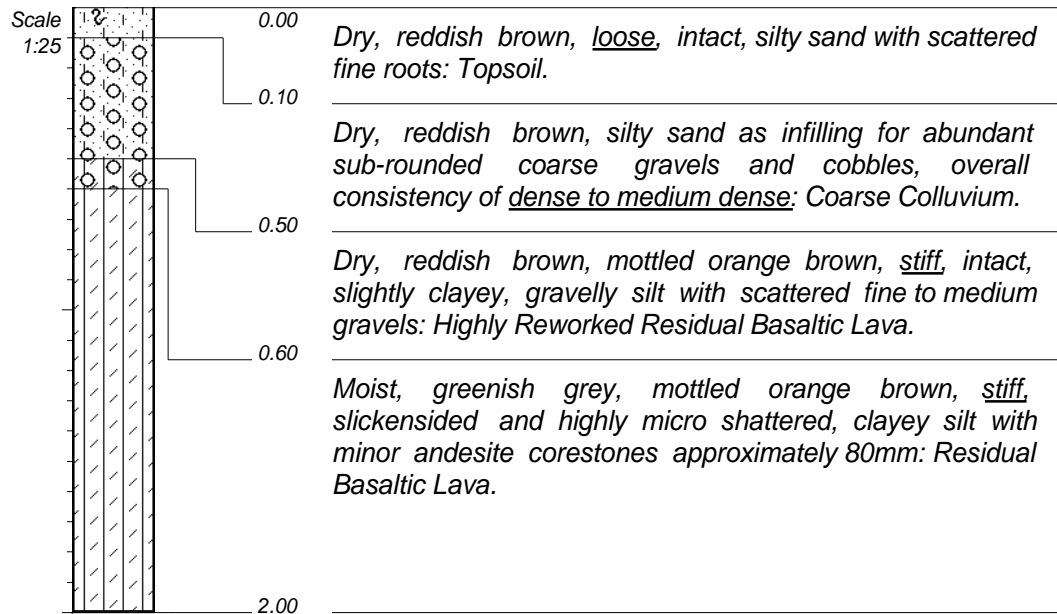
HOLE No: **BOP1-3**

TYPE SET BY : Rev 1
SETUP FILE : STANDARD.SET

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Vryburg

HOLE No: **BOP1-4**
Sheet 1 of 1

JOB NUMBER: 10162/2



NOTES

- 1) Refusal of TLB @ 2.0m on corestone
- 2) No water seepage observed

CONTRACTOR : Die Timmerman
MACHINE : JCB
DRILLED BY : David
PROFILED BY : M.C.

TYPE SET BY : Rev 1
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 06/09/2012
DATE :
DATE : 08/10/12 09:09
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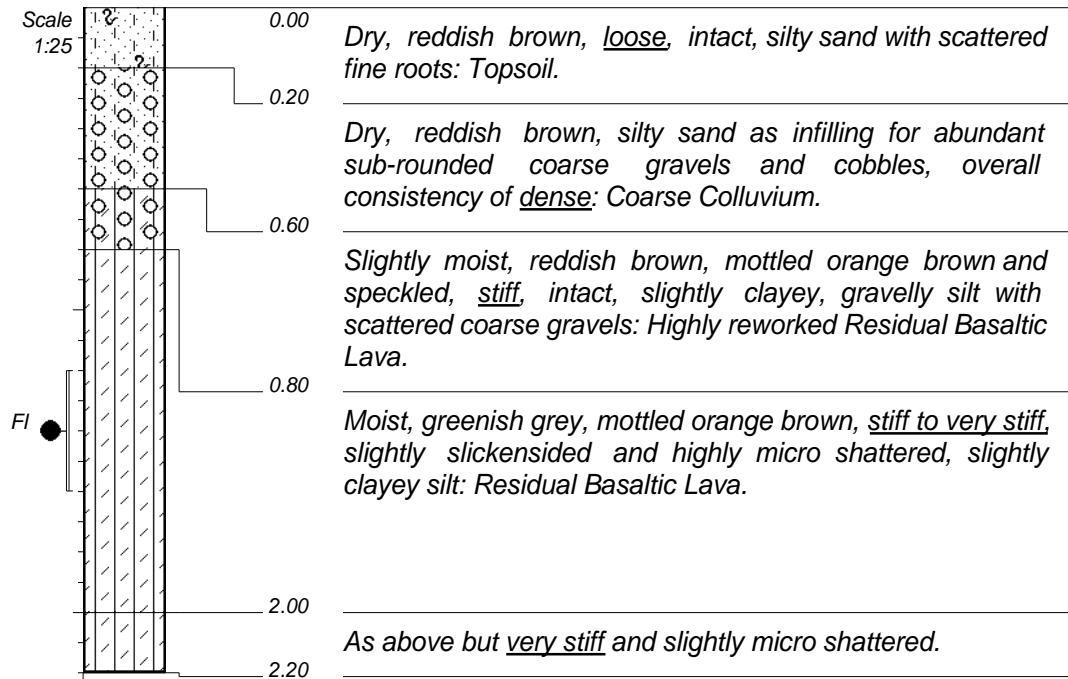
ELEVATION :
X-COORD : 2985929
Y-COORD : 0020973

HOLE No: **BOP1-4**

Sivest
Bophirima
Vryburg

HOLE No: **BOP1-5**
Sheet 1 of 1

JOB NUMBER: 10162/2



NOTES

- 1) Refusal of TLB @ 2.2m
- 2) No water seepage observed
- 3) Disturbed sample FI 1.2--1.6m

CONTRACTOR : Die Timmerman
MACHINE : JCB
DRILLED BY : David
PROFILED BY : M.C.

TYPE SET BY : Rev 1
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 06/09/2012
DATE :

DATE : 08/10/12 09:09
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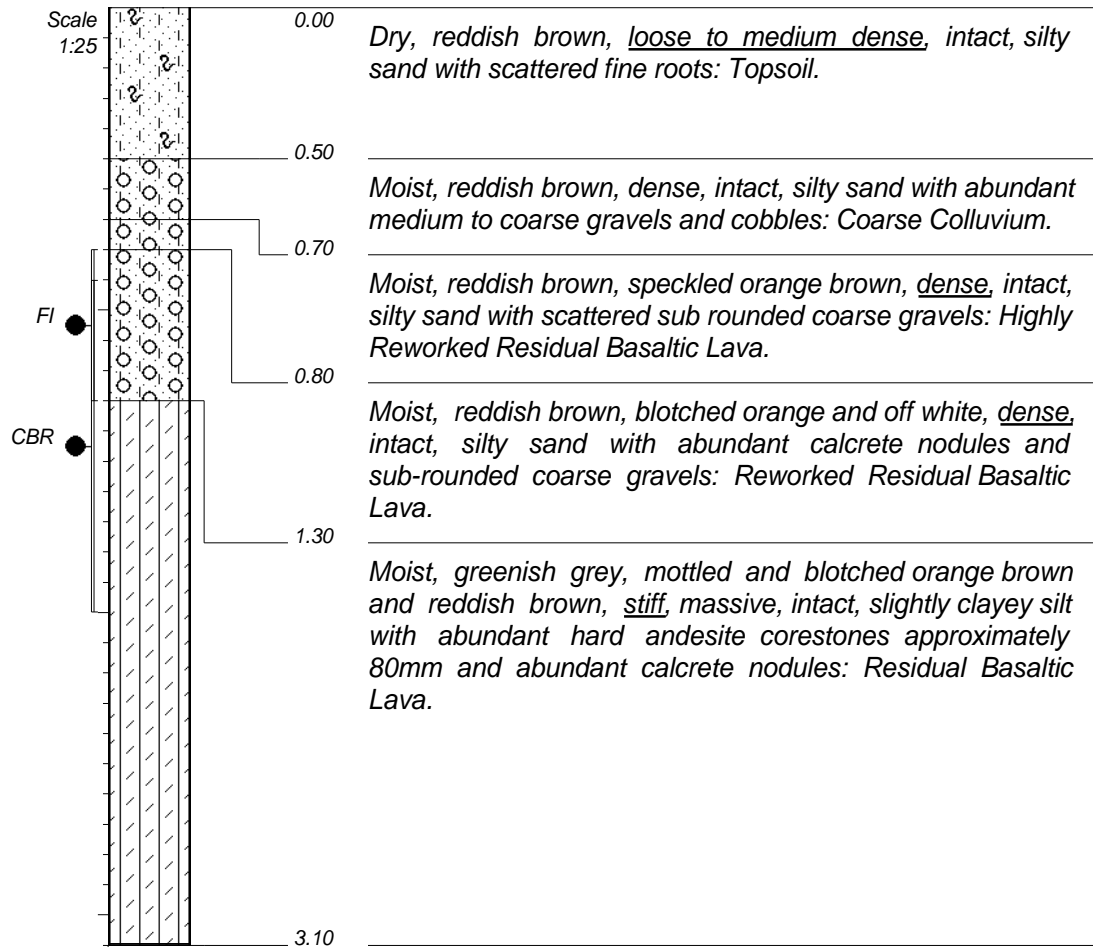
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X-COORD : 2985887
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HOLE No: **BOP1-5**

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Vryburg

HOLE No: BOP2-1
Sheet 1 of 1

JOB NUMBER: 10162/2



NOTES

- 1) No Refusal of TLB @ 3.1m
- 2) No water seepage observed
- 3) Disturbed sample CBR 0.9--2.0m
- 4) Disturbed sample FI 0.8--1.3m

CONTRACTOR : Die Timmerman
MACHINE : JCB
DRILLED BY : David
PROFILED BY : M.C.

TYPE SET BY : Rev 1
SETUP FILE : STANDARD.SET

INCLINATION :
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DATE : 06/09/2012
DATE :

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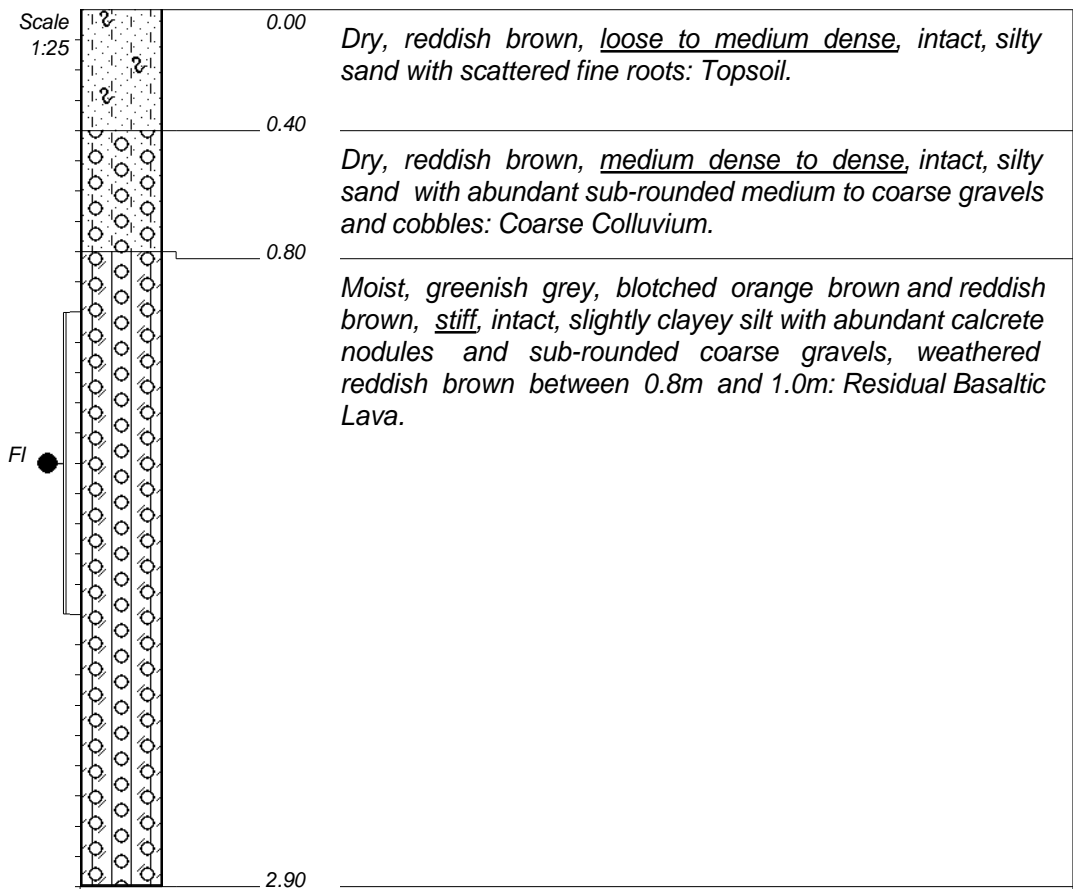
ELEVATION :
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Y-COORD : 0020648

HOLE No: BOP2-1

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Vryburg

HOLE No: BOP2-2
Sheet 1 of 1

JOB NUMBER: 10162/2



NOTES

- 1) No Refusal of TLB @ 2.9m
- 2) No water seepage observed
- 3) Disturbed sample FI 1.0--2.0m

CONTRACTOR : Die Timmerman
MACHINE : JCB
DRILLED BY : David
PROFILED BY : M.C.

INCLINATION :
DIAM :
DATE : 06/09/2012
DATE :
DATE : 08/10/12 09:09
TEXT : ..\2012\10162--2.TXT

ELEVATION :
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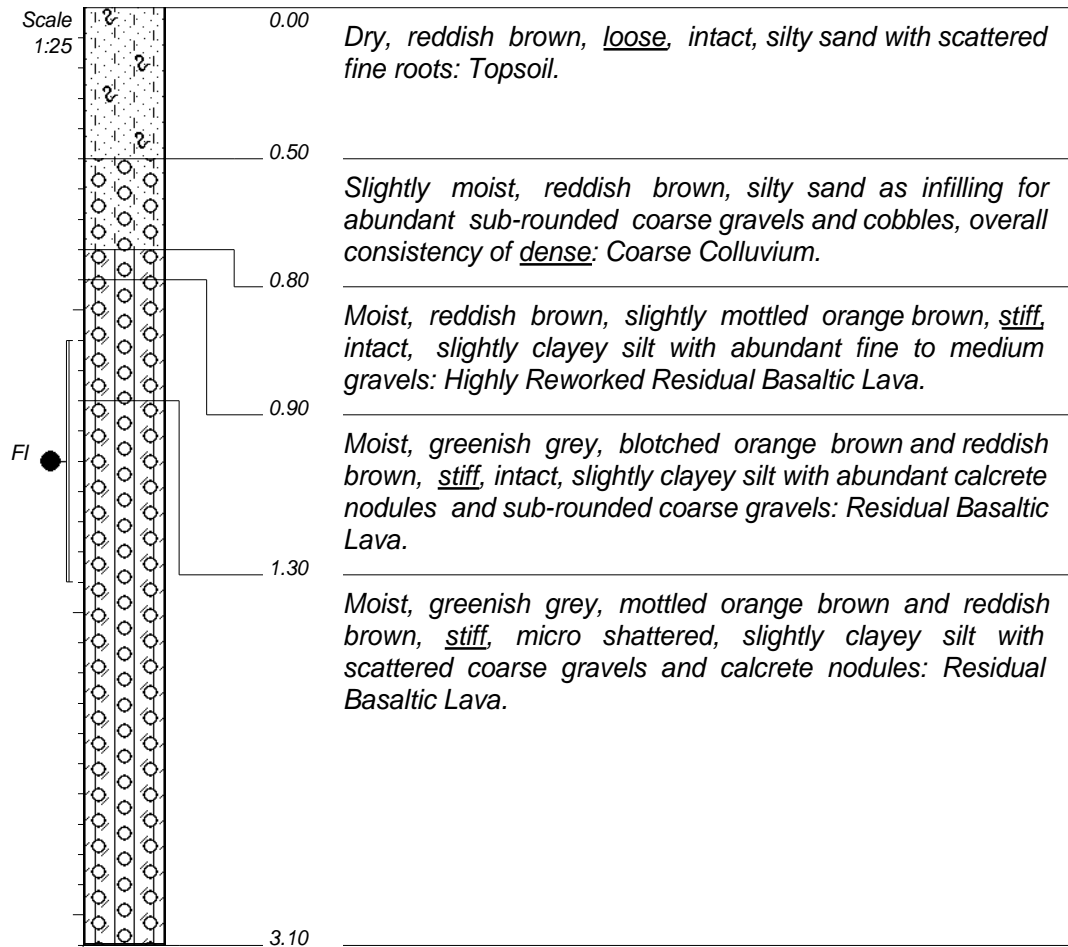
HOLE No: BOP2-2

TYPE SET BY : Rev 1
SETUP FILE : STANDARD.SET

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HOLE No: BOP2-3
Sheet 1 of 1

JOB NUMBER: 10162/2



NOTES

- 1) No Refusal of TLB @ 3.1m
- 2) No water seepage observed
- 3) Disturbed sample FI 1.1--1.9m

CONTRACTOR : Die Timmerman
MACHINE : JCB
DRILLED BY : David
PROFILED BY : M.C.

TYPE SET BY : Rev 1
SETUP FILE : STANDARD.SET

INCLINATION :
DIAM :
DATE : 06/09/2012
DATE :

DATE : 08/10/12 09:09
TEXT : ..\2012\10162--2.TXT

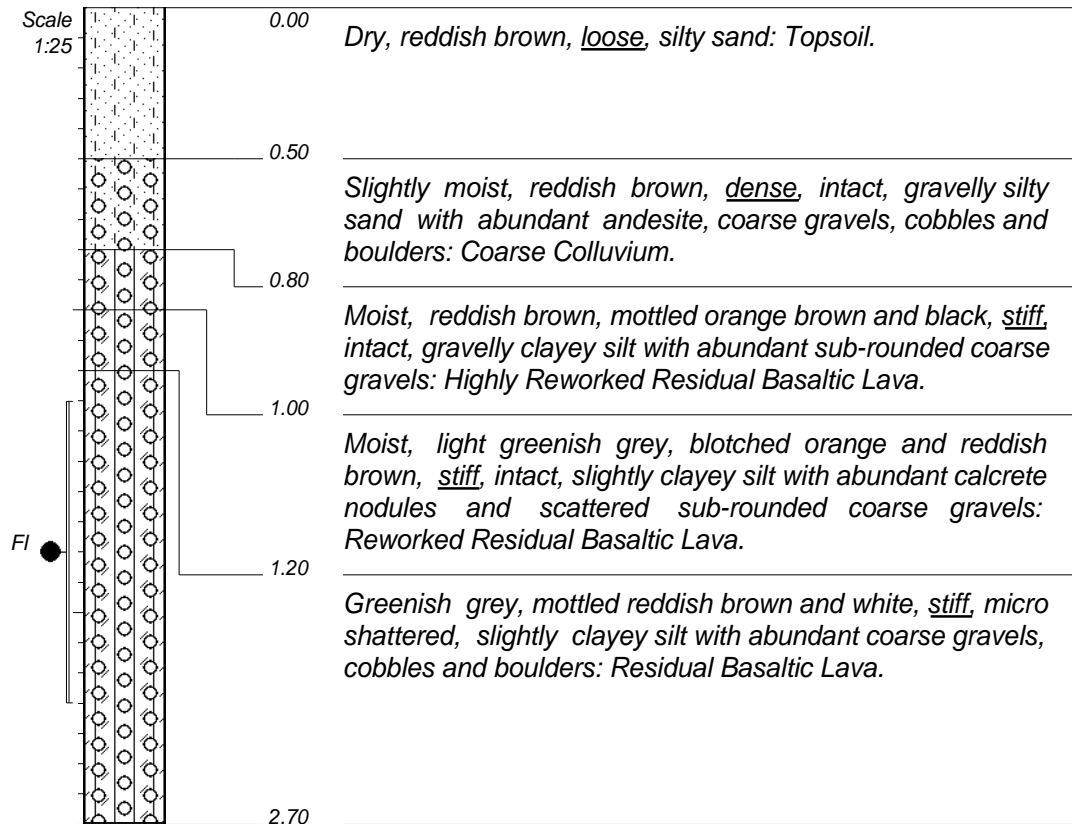
ELEVATION :
X-COORD : 2985750
Y-COORD : 0020675

HOLE No: BOP2-3

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Vryburg

HOLE No: BOP2-4
Sheet 1 of 1

JOB NUMBER: 10162/2



NOTES

- 1) Refusal of TLB @ 2.7m on hard andesite boulders
- 2) No water seepage observed
- 3) Disturbed sample FI 1.3--2.3m

CONTRACTOR : Die Timmerman
MACHINE : JCB
DRILLED BY : David
PROFILED BY : M.C.

TYPE SET BY : Rev 1
SETUP FILE : STANDARD.SET

INCLINATION :
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DATE : 06/09/2012
DATE :
DATE : 08/10/12 09:09
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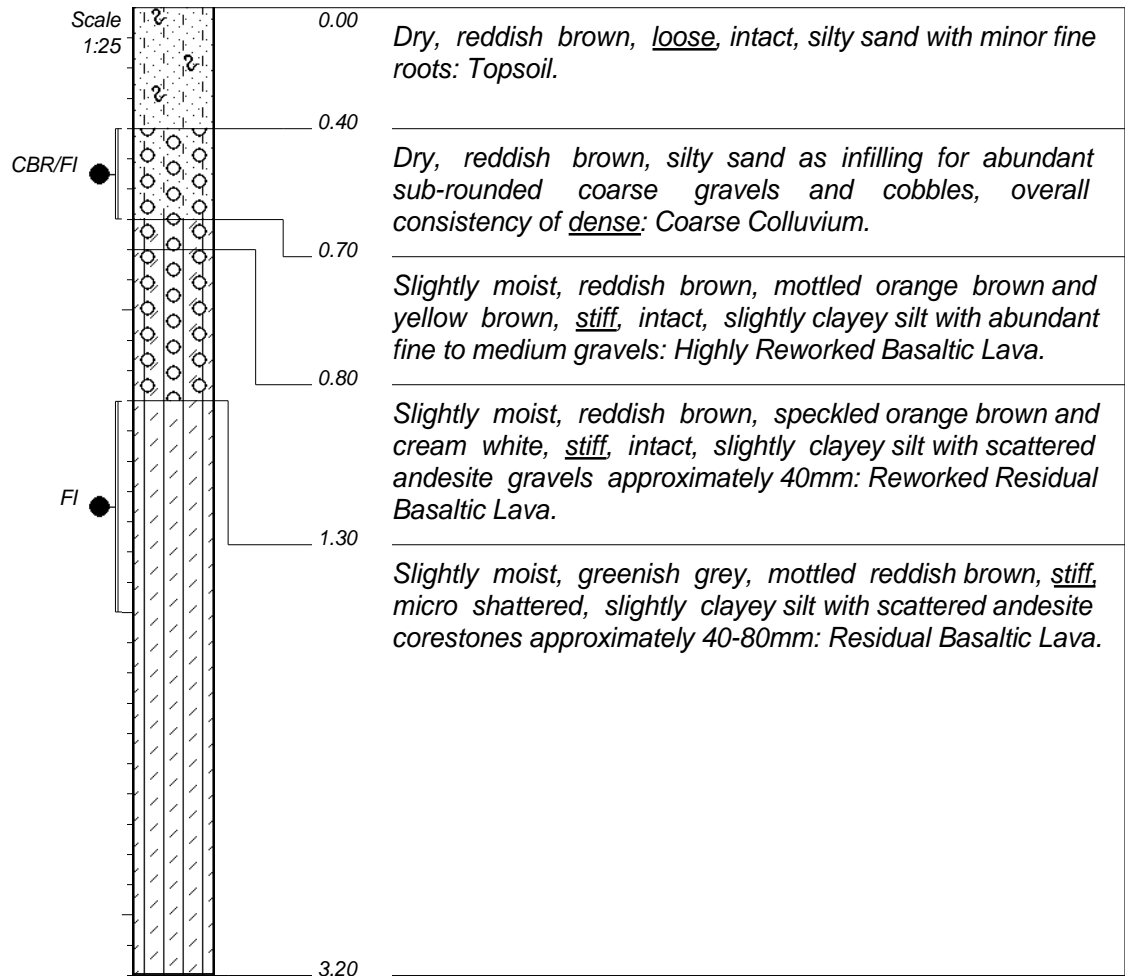
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Y-COORD : 0020607

HOLE No: BOP2-4

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Vryburg

HOLE No: BOP2-5
Sheet 1 of 1

JOB NUMBER: 10162/2



NOTES

- 1) No Refusal of TLB @ 3,2m
- 2) No water seepage observed
- 3) Disturbed sample CBR/FI 0.4--0.7m
- 4) Disturbed sample FI 1.3--2.0m

CONTRACTOR : Die Timmerman
MACHINE : JCB
DRILLED BY : David
PROFILED BY : M.C.

INCLINATION :
DIAM :
DATE : 06/09/2012
DATE :
DATE : 08/10/12 09:09
TEXT : ..\2012\10162--2.TXT

ELEVATION :
X-COORD : 2985810
Y-COORD : 0020698











HOLE No: BOP2-5

TYPE SET BY : Rev 1
SETUP FILE : STANDARD.SET

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Vryburg

LEGEND
Sheet 1 of 1

JOB NUMBER: 10162/2

	GRAVELS	{SA02}
	GRAVEL	{SA02}
	GRAVELLY	{SA03}
	SAND	{SA04}
	SANDY	{SA05}
	SILT	{SA06}
	SILTY	{SA07}
	CLAYEY	{SA09}
	DISTURBED SAMPLE	{SA38}
	ROOTS	{SA40}

Name

CONTRACTOR :
MACHINE :
DRILLED BY :
PROFILED BY :

INCLINATION :
DIAM :
DATE :
DATE :

ELEVATION :
X-COORD :
Y-COORD :

TYPE SET BY : Rev 1
SETUP FILE : STANDARD.SET

DATE : 08/10/12 09:09
TEXT : ..\2012\10162--2.TXT

LEGEND
SUMMARY OF SYMBOLS

APPENDIX 4

LABORATORY TEST RESULTS



FOUNDATION INDICATOR

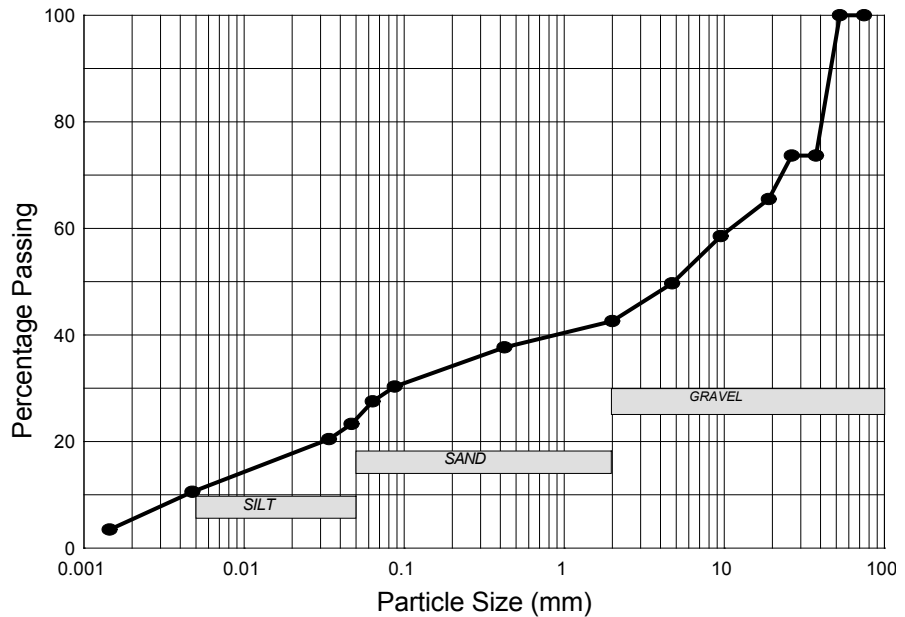
Client	SIVEST		
Location	BOPHIRIMA SUB-STATION, VRYBURG.		BOP 1 TP 1 @ 0,2 - 0,7m
Date	19 SEPTEMBER 2012	Test No	2164
Job No	10162/2	Checked By	EB

SIEVE ANALYSIS

Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
75.00	100.00
53.00	100.00
37.50	73.71
26.50	73.71
19.00	65.57
9.50	58.59
4.75	49.72
2.00	42.65
0.425	37.70

GRADING ANALYSIS



HYDROMETER ANALYSIS

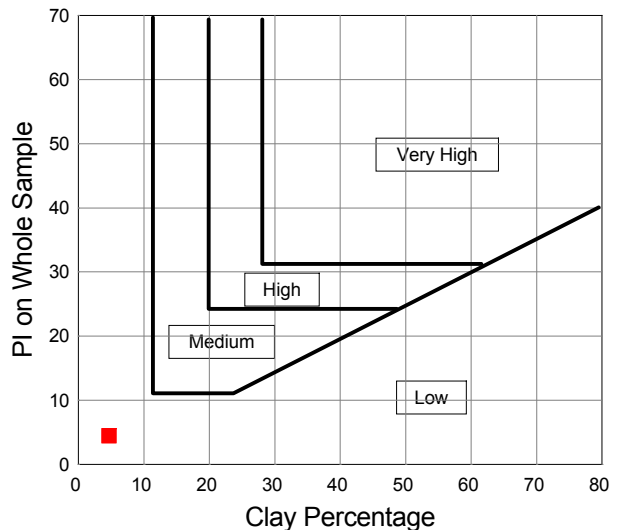
Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
0.0874	30.36
0.0637	27.54
0.0470	23.30
0.0341	20.48
0.0048	10.59
0.0015	3.53

ATTERBERG LIMITS & OTHER VALUES

Liquid Limit	26
Plastic Limit	14
Plastic Index	12
Linear Shrinkage	6
Grading Modulus	1.89
Moisture Content	5.78
PI on Whole Sample	5

ACTIVITY CHART





C.B.R. DETERMINATION

Client	SIVEST		
Location	BOPHIRIMA SUB - STATION	BOP 1 TP 1 @ 0,2 - 0,7m	
Date	19 SEPTEMBER 2012	Test No	2180
Job No	10162/2	Checked By	EB
Calibration Date	21 April 2010	Calibration Certificate	2029

Direct Results from Test Procedure

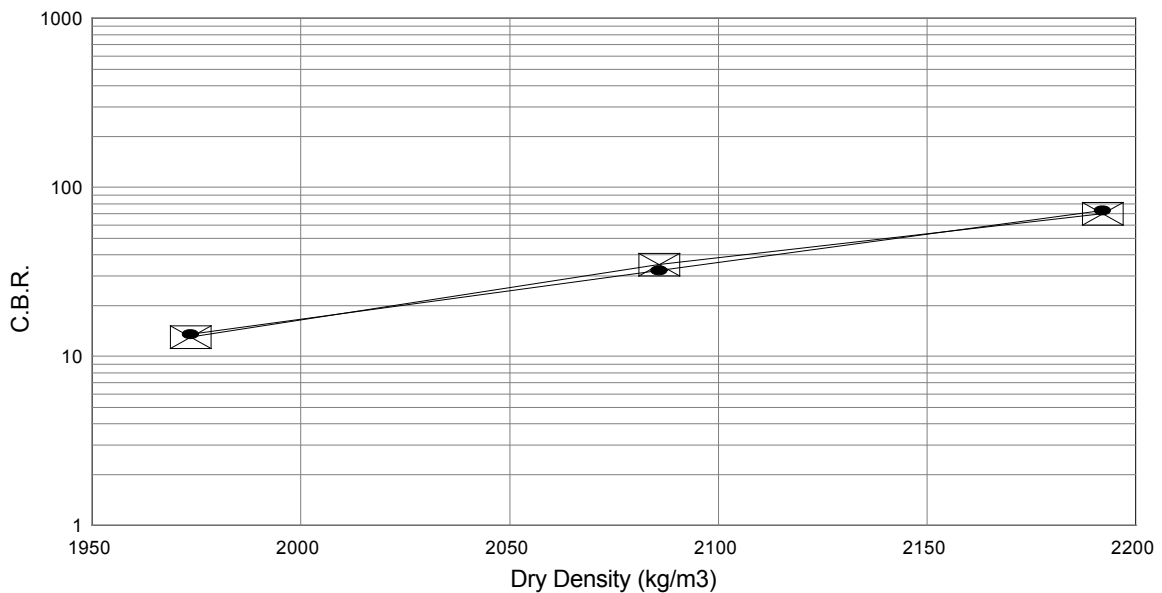
Maximum Dry Density (kg/m ³)	2187
--	------

Optimum Moisture Content (%)	6.7
------------------------------	-----

Percentage Mod AASHTO	100.2	95.4	90.2
CBR @ 2.54mm	70	35	13
CBR @ 5.08mm	74	36	15
CBR@ 7.62mm	74	37	17
Average Moisture Content (%)	7.0		
Percentage Swell	0.16	0.19	0.21

Interpolated Results

Percentage Mod AASHTO	90	93	95	98	100
CBR	13	22	30	50	70





FOUNDATION INDICATOR

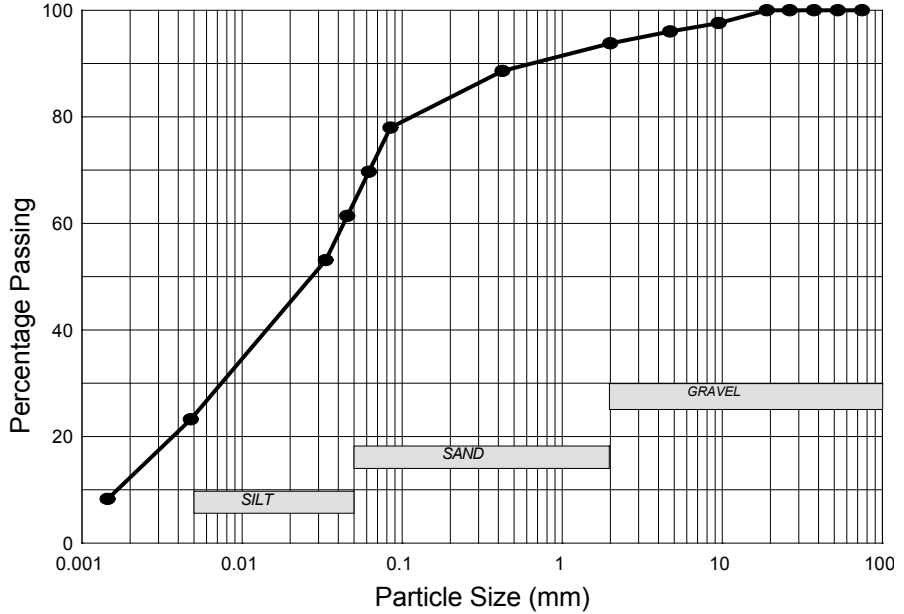
Client	SIVEST		
Location	BOPHIRIMA SUB-STATION , VRYBURG. BOP 1 TP 2 @ 0,85 - 1,3m		
Date	19 SEPTEMBER 2012	Test No	2165
Job No	10162/2	Checked By	EB

SIEVE ANALYSIS

Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
75.00	100.00
53.00	100.00
37.50	100.00
26.50	100.00
19.00	100.00
9.50	97.62
4.75	96.06
2.00	93.83
0.425	88.63

GRADING ANALYSIS



HYDROMETER ANALYSIS

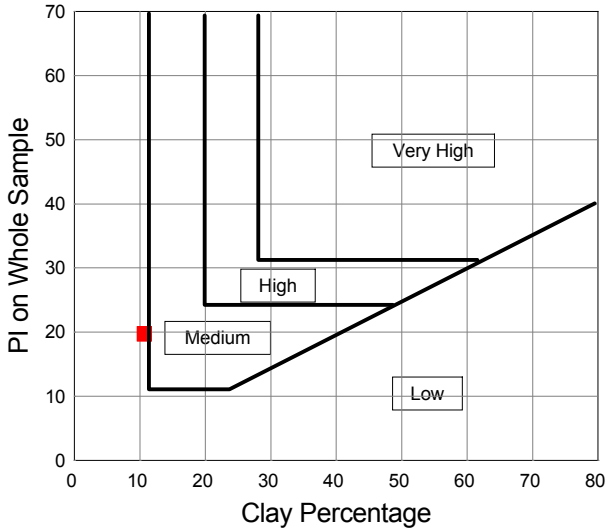
Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
0.0847	78.01
0.0623	69.71
0.0457	61.41
0.0335	53.11
0.0048	23.24
0.0015	8.30

ATTERBERG LIMITS & OTHER VALUES

Liquid Limit	46
Plastic Limit	24
Plastic Index	22
Linear Shrinkage	11
Grading Modulus	0.40
Moisture Content	21.12
PI on Whole Sample	20

ACTIVITY CHART





FOUNDATION INDICATOR

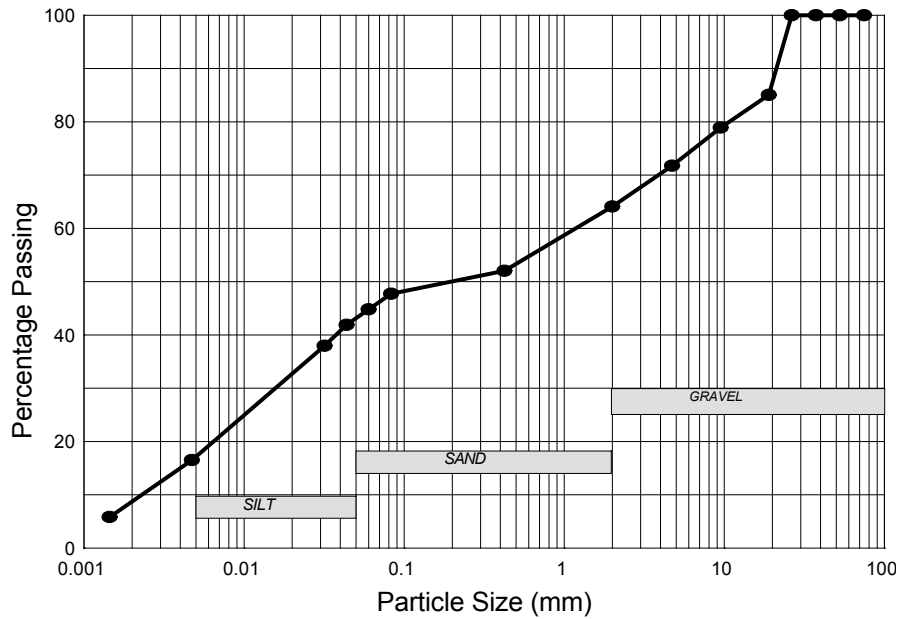
Client	SIVEST		
Location	BOPHIRIMA SUB-STATION , VRYBURG.		BOP 1 TP 3 @ 1,2 - 1,7m
Date	19 SEPTEMBER 2012	Test No	2184
Job No	10162/2	Checked By	EB

SIEVE ANALYSIS

Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
75.00	100.00
53.00	100.00
37.50	100.00
26.50	100.00
19.00	85.07
9.50	78.97
4.75	71.81
2.00	64.16
0.425	52.06

GRADING ANALYSIS



HYDROMETER ANALYSIS

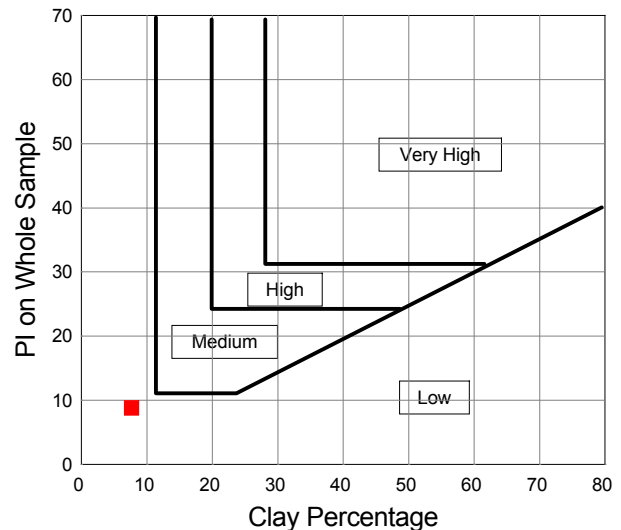
Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
0.0832	47.77
0.0604	44.85
0.0437	41.92
0.0319	38.02
0.0047	16.57
0.0014	5.85

ATTERBERG LIMITS & OTHER VALUES

Liquid Limit	44
Plastic Limit	27
Plastic Index	17
Linear Shrinkage	9
Grading Modulus	1.36
Moisture Content	15.15
PI on Whole Sample	9

ACTIVITY CHART



C.B.R. DETERMINATION

Client	SIVEST		
Location	BOPHIRIMA SUB - STATION	BOP 1 TP 3 @ 1,2 - 1,7m	
Date	19 SEPTEMBER 2012	Test No	2179
Job No	10162/2	Checked By	EB
Calibration Date	21 April 2010	Calibration Certificate	2029

Direct Results from Test Procedure

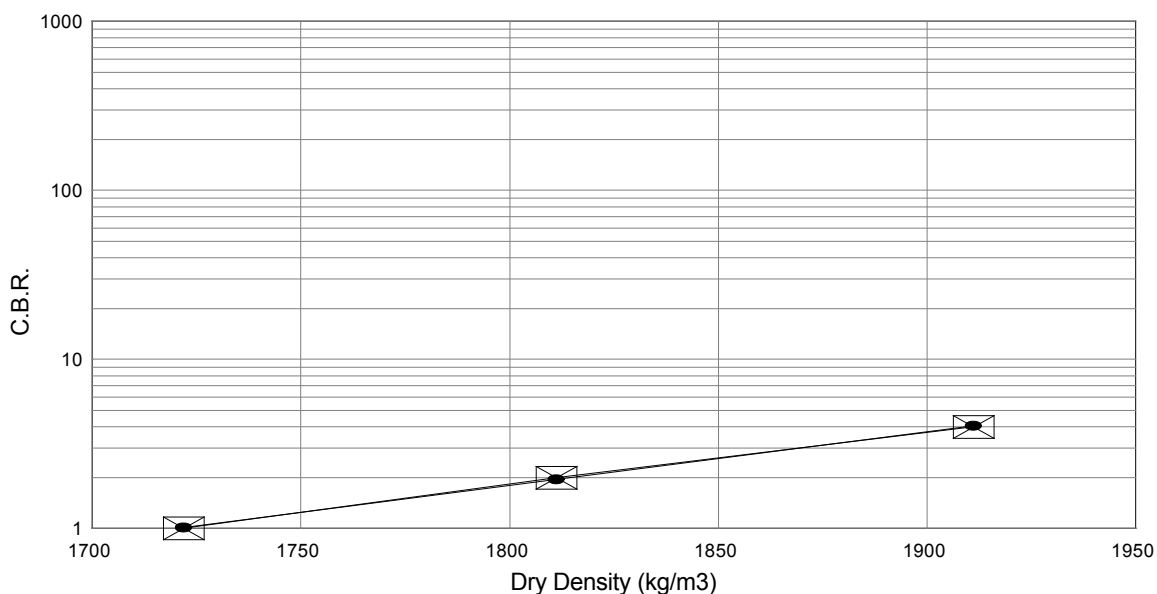
Maximum Dry Density (kg/m3)	1909
-----------------------------	------

Optimum Moisture Content (%)	8.3
------------------------------	-----

Percentage Mod AASHTO	100.1	94.9	90.2
CBR @ 2.54mm	4	2	1
CBR @ 5.08mm	4	2	1
CBR@ 7.62mm	4	2	1
Average Moisture Content (%)	8.1		
Percentage Swell	0.92	1.05	1.18

Interpolated Results

Percentage Mod AASHTO	90	93	95	98	100
CBR	1	1	2	3	4





FOUNDATION INDICATOR

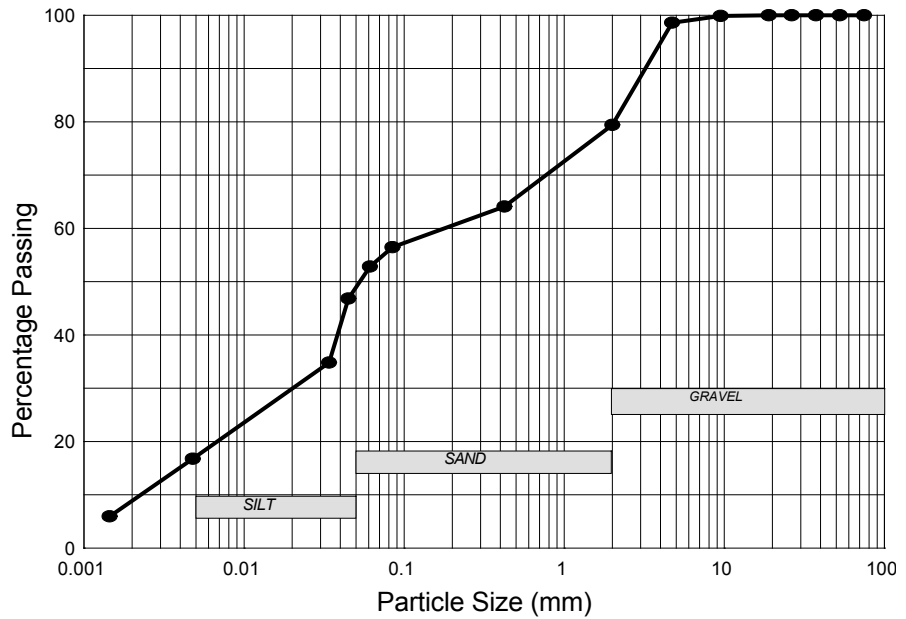
Client	SIVEST		
Location	BOPHIRIMA SUB-STATION , VRYBURG.		BOP 1 TP 3 @ 1,3 - 2,0m
Date	19 SEPTEMBER 2012	Test No	2167
Job No	10162/2	Checked By	EB

SIEVE ANALYSIS

Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
75.00	100.00
53.00	100.00
37.50	100.00
26.50	100.00
19.00	100.00
9.50	99.90
4.75	98.65
2.00	79.48
0.425	64.14

GRADING ANALYSIS



HYDROMETER ANALYSIS

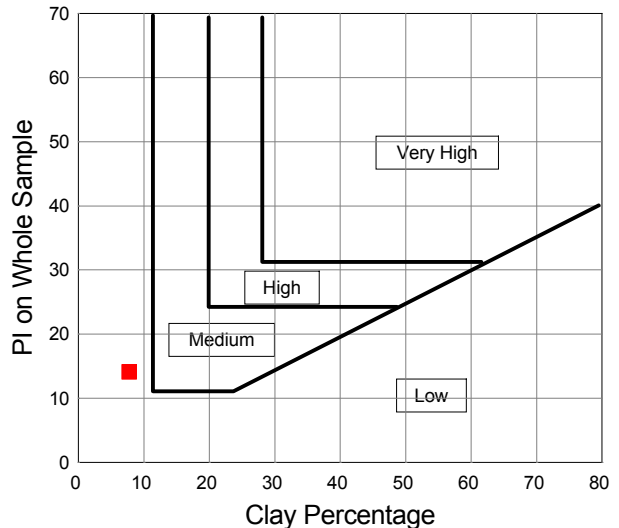
Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
0.0847	56.46
0.0613	52.86
0.0451	46.85
0.0341	34.84
0.0048	16.82
0.0015	6.01

ATTERBERG LIMITS & OTHER VALUES

Liquid Limit	56
Plastic Limit	34
Plastic Index	22
Linear Shrinkage	11
Grading Modulus	1.00
Moisture Content	22.38
PI on Whole Sample	14

ACTIVITY CHART





FOUNDATION INDICATOR

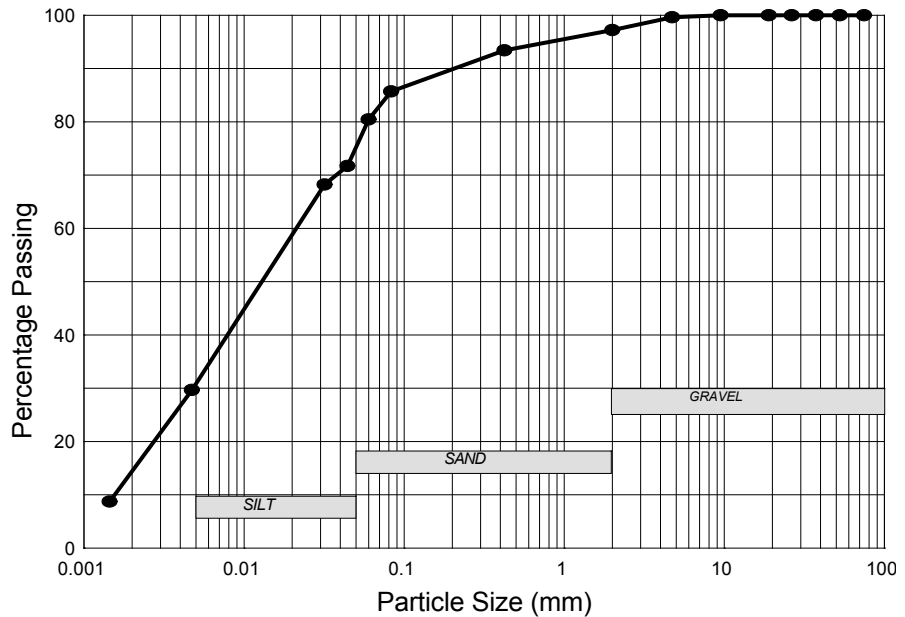
Client	SIVEST		
Location	BOPHIRIMA SUB-STATION , VRYBURG.		BOP 1 TP 5 @ 1,2 - 1,6m
Date	19 SEPTEMBER 2012	Test No	2174
Job No	10162/2	Checked By	EB

SIEVE ANALYSIS

Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
75.00	100.00
53.00	100.00
37.50	100.00
26.50	100.00
19.00	100.00
9.50	100.00
4.75	99.67
2.00	97.26
0.425	93.43

GRADING ANALYSIS



HYDROMETER ANALYSIS

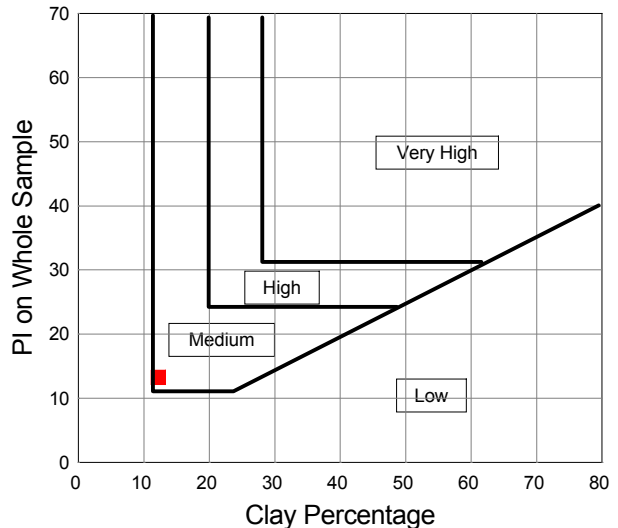
Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
0.0832	85.74
0.0604	80.49
0.0444	71.74
0.0319	68.24
0.0047	29.75
0.0015	8.75

ATTERBERG LIMITS & OTHER VALUES

Liquid Limit	33
Plastic Limit	19
Plastic Index	14
Linear Shrinkage	7
Grading Modulus	0.24
Moisture Content	9.19
PI on Whole Sample	13

ACTIVITY CHART





FOUNDATION INDICATOR

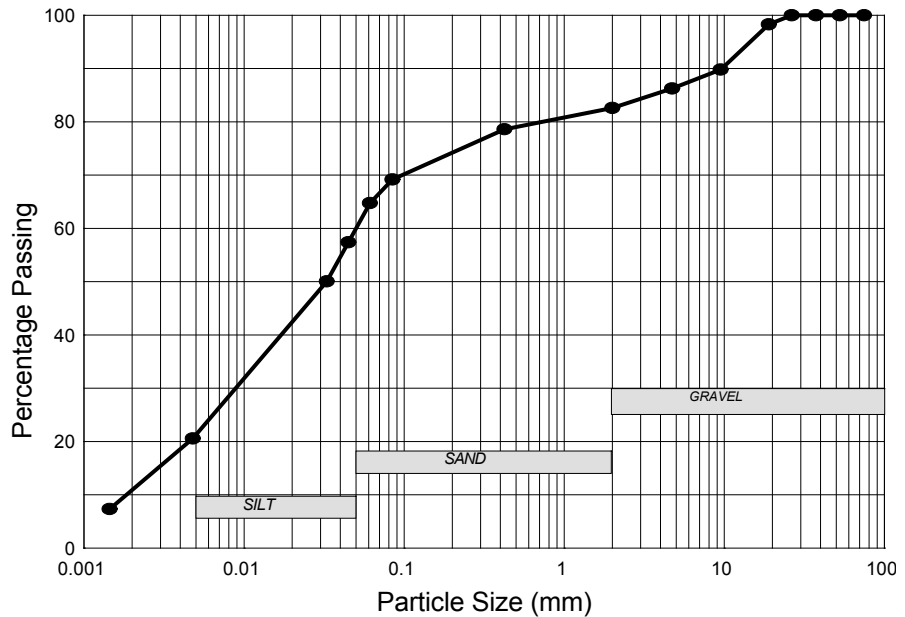
Client	SIVEST		
Location	BOPHIRIMA SUB-STATION , VRYBURG.		BOP 2 TP 1 @ 0,8 - 1,3m
Date	19 SEPTEMBER 2012	Test No	2168
Job No	10162/2	Checked By	EB

SIEVE ANALYSIS

Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
75.00	100.00
53.00	100.00
37.50	100.00
26.50	100.00
19.00	98.35
9.50	89.81
4.75	86.30
2.00	82.64
0.425	78.65

GRADING ANALYSIS



HYDROMETER ANALYSIS

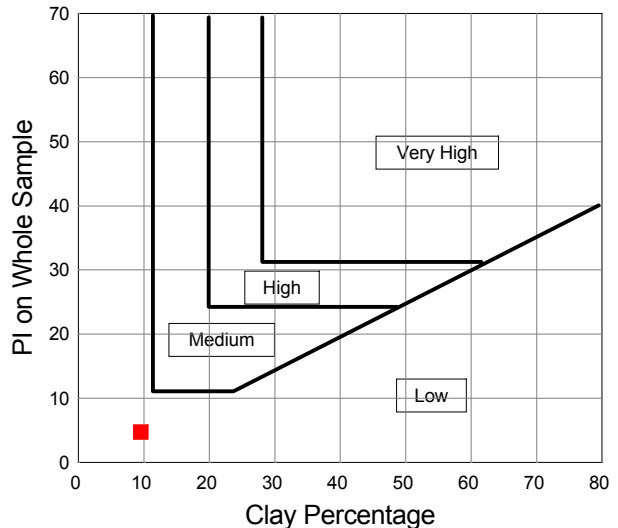
Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
0.0847	69.22
0.0613	64.80
0.0451	57.44
0.0330	50.08
0.0048	20.62
0.0015	7.36

ATTERBERG LIMITS & OTHER VALUES

Liquid Limit	27
Plastic Limit	21
Plastic Index	6
Linear Shrinkage	2
Grading Modulus	0.69
Moisture Content	9.35
PI on Whole Sample	5

ACTIVITY CHART





FOUNDATION INDICATOR

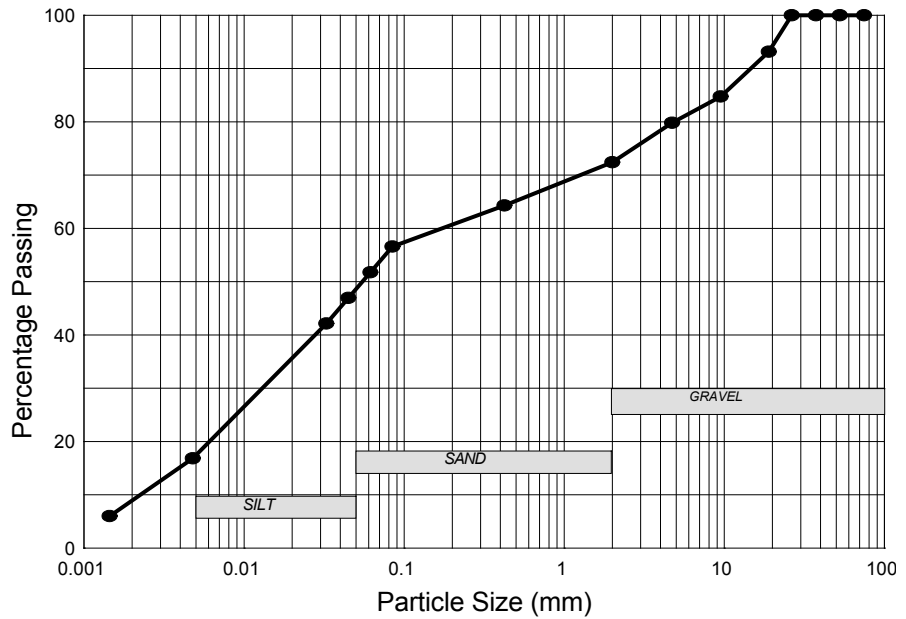
Client	SIVEST		
Location	BOPHIRIMA SUB-STATION , VRYBURG.		BOP 2 TP 1 @ 0,9 - 2,0m
Date	19 SEPTEMBER 2012	Test No	2166
Job No	10162/2	Checked By	EB

SIEVE ANALYSIS

Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
75.00	100.00
53.00	100.00
37.50	100.00
26.50	100.00
19.00	93.17
9.50	84.80
4.75	79.82
2.00	72.41
0.425	64.31

GRADING ANALYSIS



HYDROMETER ANALYSIS

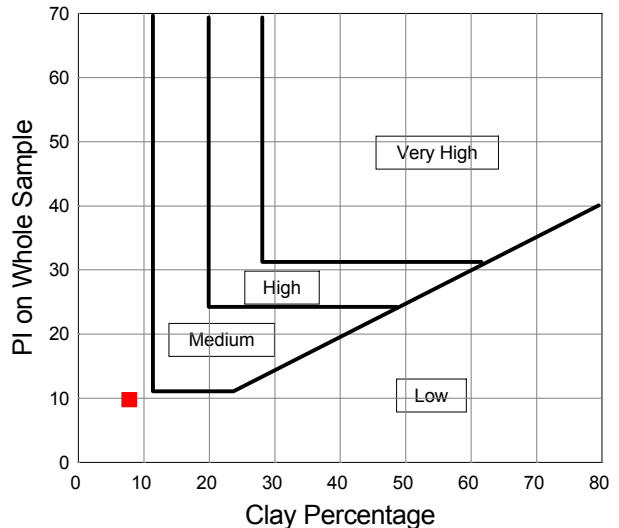
Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
0.0847	56.61
0.0618	51.79
0.0451	46.97
0.0328	42.15
0.0048	16.86
0.0015	6.02

ATTERBERG LIMITS & OTHER VALUES

Liquid Limit	35
Plastic Limit	20
Plastic Index	15
Linear Shrinkage	7
Grading Modulus	1.07
Moisture Content	14.66
PI on Whole Sample	10

ACTIVITY CHART





C.B.R. DETERMINATION

Client	SIVEST		
Location	BOPHIRIMA SUB - STATION	BOP 2 TP 1 @ 0,9 - 2,0m	
Date	19 SEPTEMBER 2012	Test No	2178
Job No	10162/2	Checked By	EB
Calibration Date	21 April 2010	Calibration Certificate	2029

Direct Results from Test Procedure

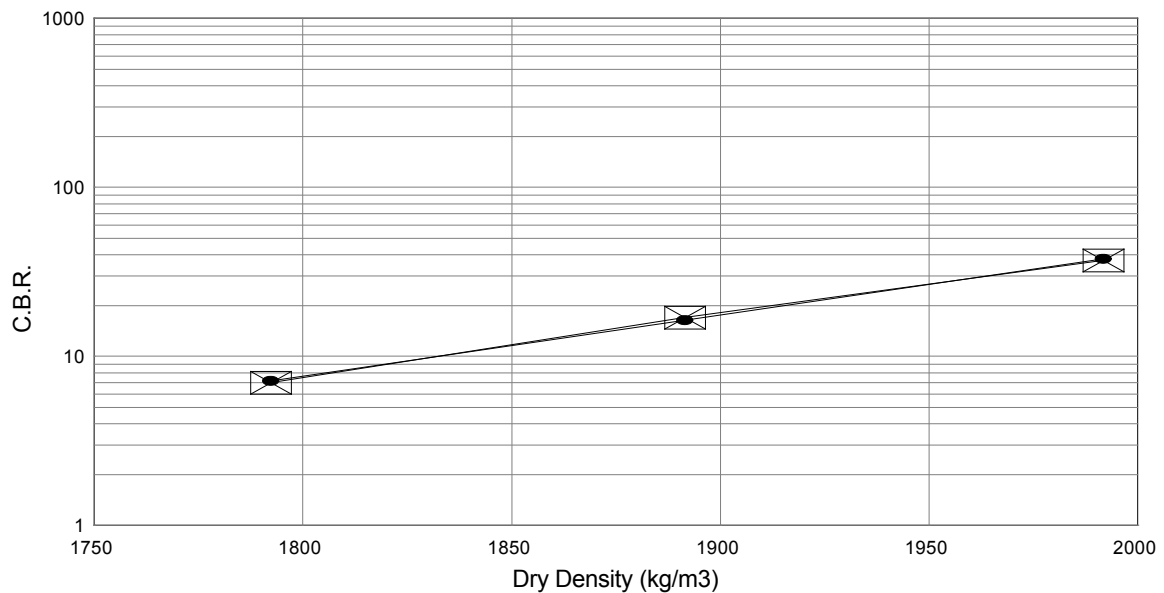
Maximum Dry Density (kg/m ³)	1984
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Optimum Moisture Content (%)	9.4
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Percentage Mod AASHTO	100.4	95.3	90.3
CBR @ 2.54mm	37	17	7
CBR @ 5.08mm	35	17	6
CBR@ 7.62mm	32	17	6
Average Moisture Content (%)	8.7		
Percentage Swell	0.45	0.50	0.65

Interpolated Results

Percentage Mod AASHTO	90	93	95	98	100
CBR	7	11	15	25	35





FOUNDATION INDICATOR

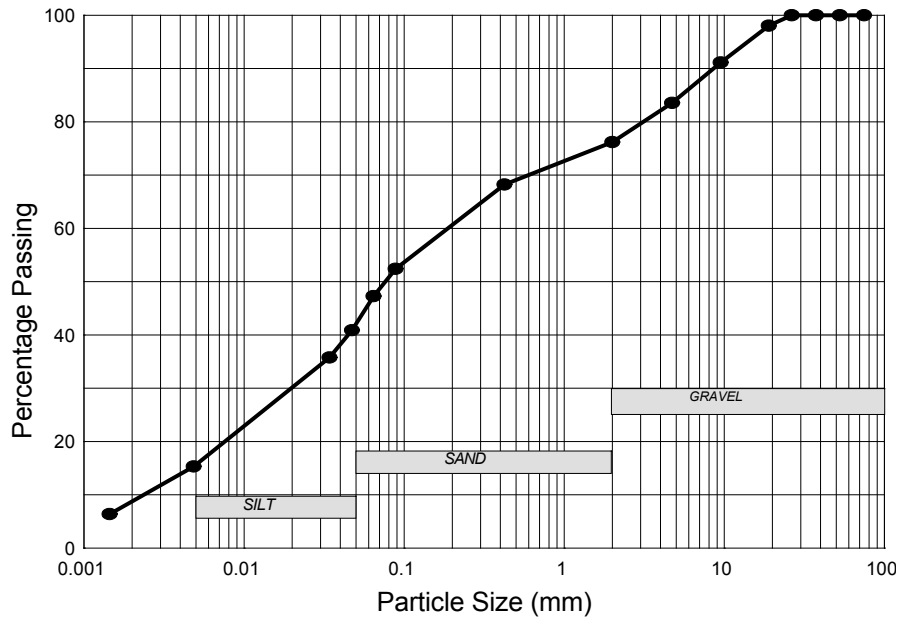
Client	SIVEST		
Location	BOPHIRIMA SUB-STATION , VRYBURG.		BOP 2 TP 2 @ 1,0 - 2,0m
Date	19 SEPTEMBER 2012	Test No	2169
Job No	10162/2	Checked By	EB

SIEVE ANALYSIS

Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
75.00	100.00
53.00	100.00
37.50	100.00
26.50	100.00
19.00	98.05
9.50	91.16
4.75	83.56
2.00	76.23
0.425	68.28

GRADING ANALYSIS



HYDROMETER ANALYSIS

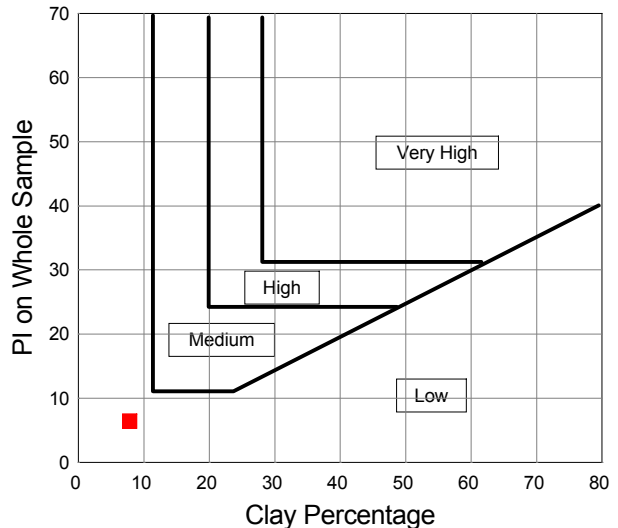
Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
0.0888	52.43
0.0646	47.31
0.0473	40.92
0.0343	35.81
0.0049	15.35
0.0015	6.39

ATTERBERG LIMITS & OTHER VALUES

Liquid Limit	28
Plastic Limit	19
Plastic Index	9
Linear Shrinkage	4
Grading Modulus	1.03
Moisture Content	6.99
PI on Whole Sample	6

ACTIVITY CHART





FOUNDATION INDICATOR

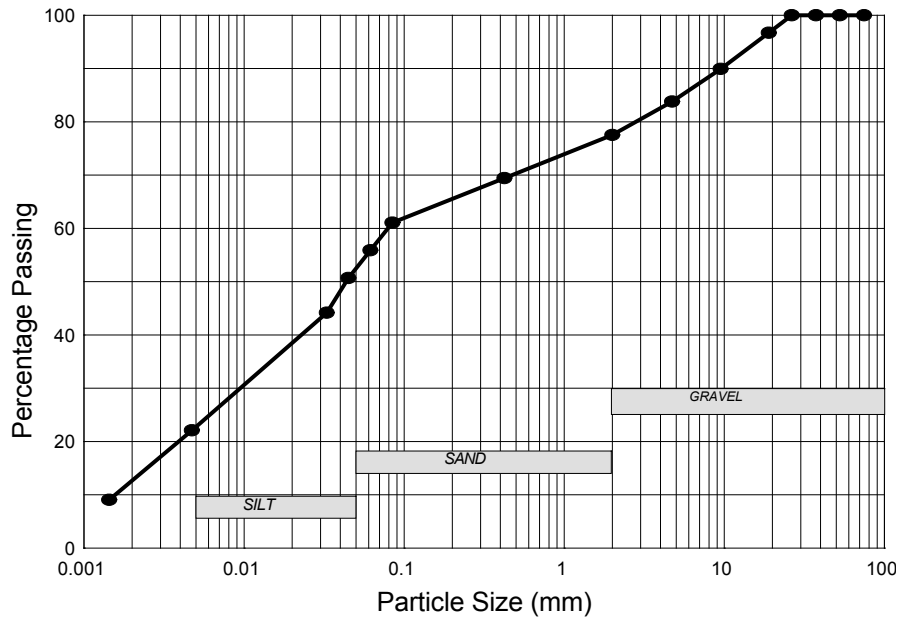
Client	SIVEST		
Location	BOPHIRIMA SUB-STATION , VRYBURG.		BOP 2 TP 3 @ 1,1 - 1,9m
Date	19 SEPTEMBER 2012	Test No	2170
Job No	10162/2	Checked By	EB

SIEVE ANALYSIS

Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
75.00	100.00
53.00	100.00
37.50	100.00
26.50	100.00
19.00	96.77
9.50	89.97
4.75	83.85
2.00	77.59
0.425	69.43

GRADING ANALYSIS



HYDROMETER ANALYSIS

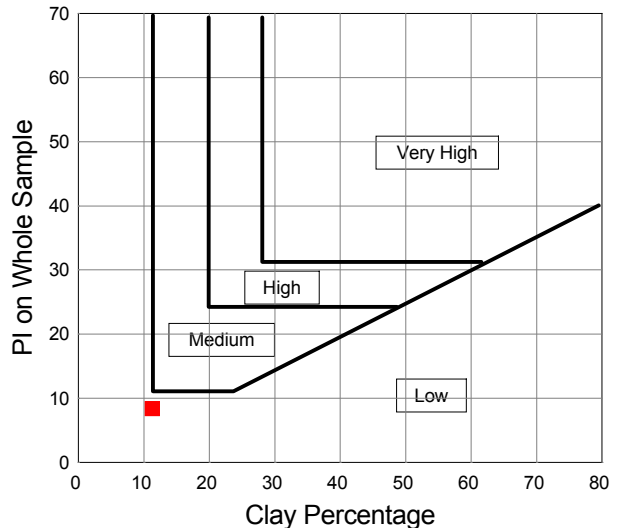
Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
0.0847	61.11
0.0618	55.91
0.0451	50.71
0.0330	44.21
0.0047	22.10
0.0014	9.10

ATTERBERG LIMITS & OTHER VALUES

Liquid Limit	28
Plastic Limit	16
Plastic Index	12
Linear Shrinkage	6
Grading Modulus	0.92
Moisture Content	9.47
PI on Whole Sample	8

ACTIVITY CHART





FOUNDATION INDICATOR

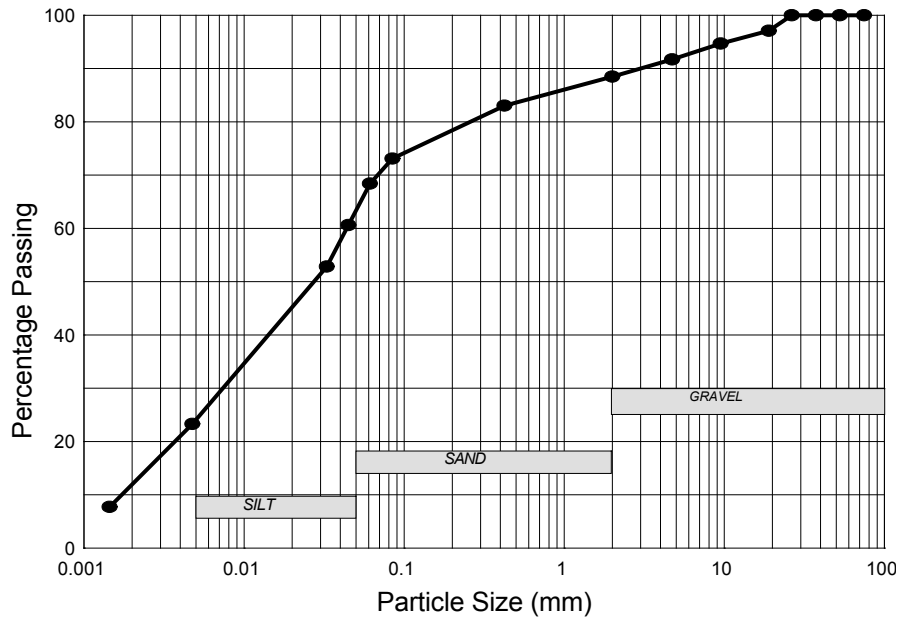
Client	SIVEST		
Location	BOPHIRIMA SUB-STATION , VRYBURG.		BOP 2 TP 4 @ 1,3 - 2,3m
Date	19 SEPTEMBER 2012	Test No	2171
Job No	10162/2	Checked By	EB

SIEVE ANALYSIS

Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
75.00	100.00
53.00	100.00
37.50	100.00
26.50	100.00
19.00	97.09
9.50	94.70
4.75	91.75
2.00	88.51
0.425	83.07

GRADING ANALYSIS



HYDROMETER ANALYSIS

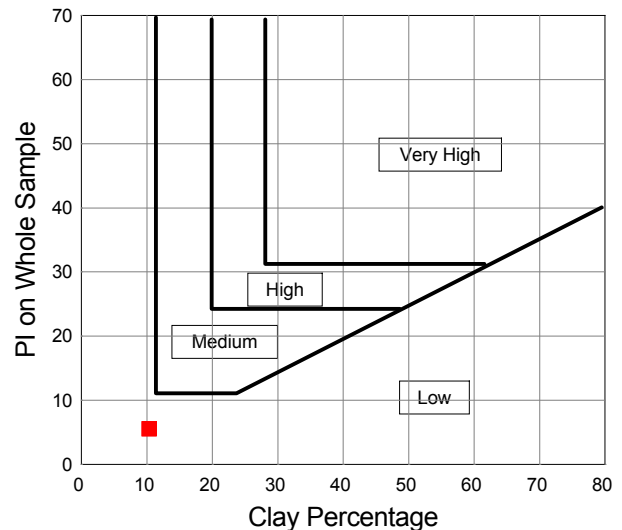
Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
0.0847	73.12
0.0613	68.45
0.0451	60.67
0.0330	52.89
0.0048	23.34
0.0015	7.78

ATTERBERG LIMITS & OTHER VALUES

Liquid Limit	25
Plastic Limit	18
Plastic Index	7
Linear Shrinkage	3
Grading Modulus	0.55
Moisture Content	8.90
PI on Whole Sample	6

ACTIVITY CHART





FOUNDATION INDICATOR

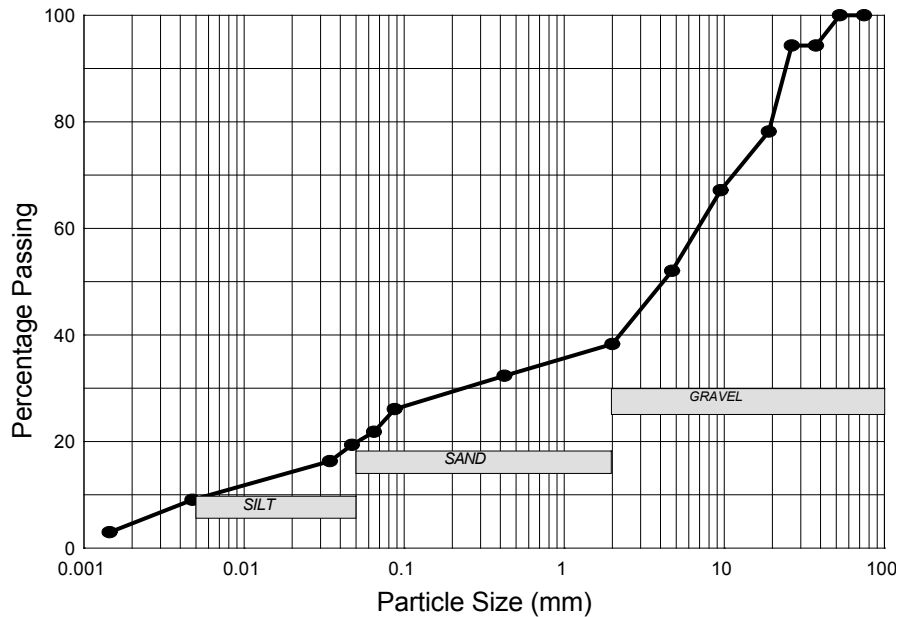
Client	SIVEST		
Location	BOPHIRIMA SUB-STATION, VRYBURG.		BOP 2 TP 5 @ 0,4 - 0,7m
Date	19 SEPTEMBER 2012	Test No	2172
Job No	10162/2	Checked By	EB

SIEVE ANALYSIS

Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
75.00	100.00
53.00	100.00
37.50	94.30
26.50	94.30
19.00	78.21
9.50	67.20
4.75	52.06
2.00	38.33
0.425	32.40

GRADING ANALYSIS



HYDROMETER ANALYSIS

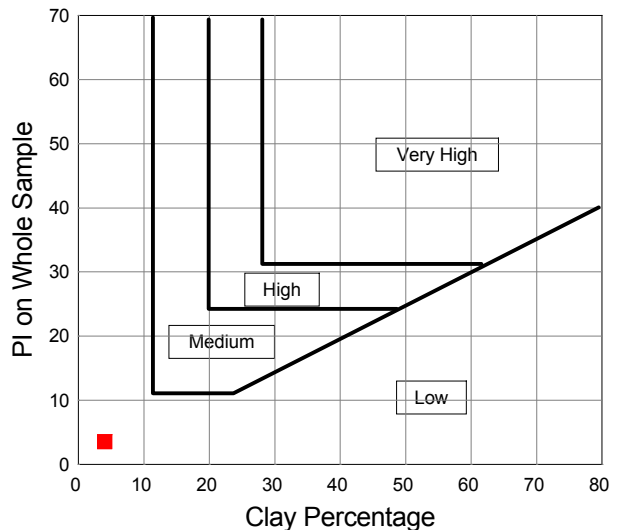
Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
0.0874	26.09
0.0651	21.85
0.0473	19.42
0.0346	16.38
0.0048	9.10
0.0015	3.03

ATTERBERG LIMITS & OTHER VALUES

Liquid Limit	28
Plastic Limit	17
Plastic Index	11
Linear Shrinkage	5
Grading Modulus	2.03
Moisture Content	10.28
PI on Whole Sample	4

ACTIVITY CHART





C.B.R. DETERMINATION

Client	SIVEST		
Location	BOPHIRIMA SUB - STATION	BOP 2 TP 5 @ 0,4 - 0,7m	
Date	19 SEPTEMBER 2012	Test No	2181
Job No	10162/2	Checked By	EB
Calibration Date	21 April 2010	Calibration Certificate	2029

Direct Results from Test Procedure

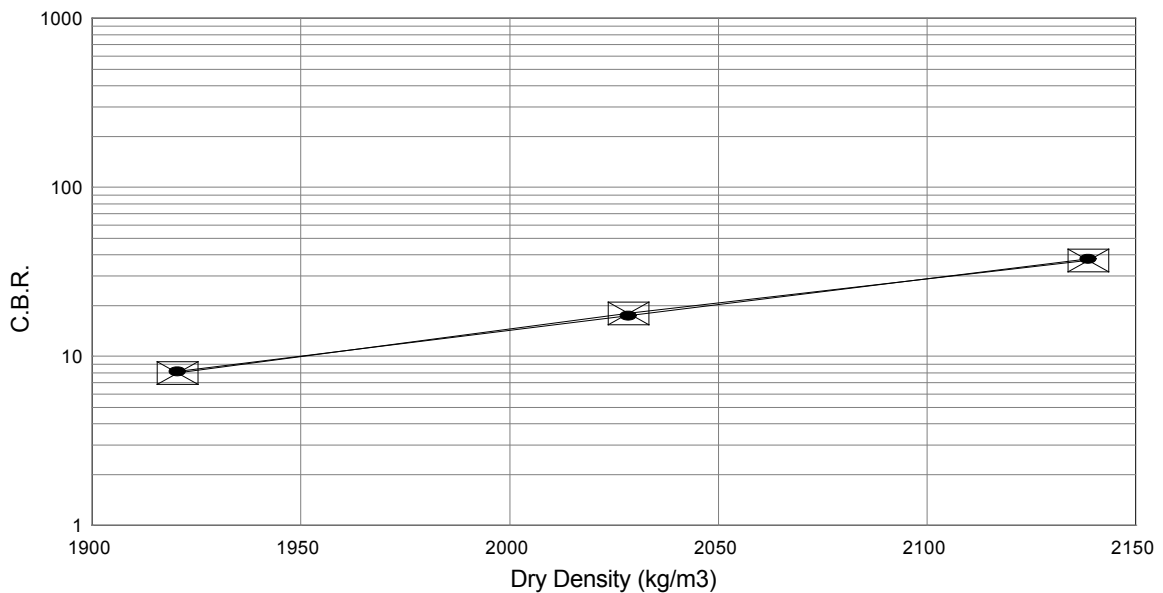
Maximum Dry Density (kg/m ³)	2132
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Optimum Moisture Content (%)	5.6
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Percentage Mod AASHTO	100.3	95.1	90.1
CBR @ 2.54mm	37	18	8
CBR @ 5.08mm	36	18	9
CBR@ 7.62mm	36	17	9
Average Moisture Content (%)	5.8		
Percentage Swell	0.48	0.68	0.96

Interpolated Results

Percentage Mod AASHTO	90	93	95	98	100
CBR	8	13	17	27	36





FOUNDATION INDICATOR

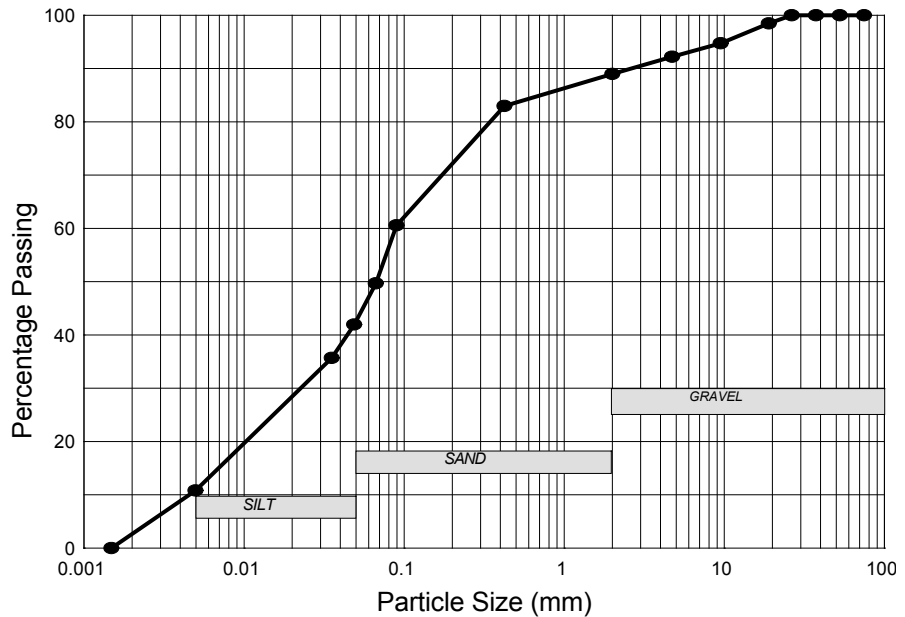
Client	SIVEST		
Location	BOPHIRIMA SUB-STATION , VRYBURG.		BOP 2 TP 5 @ 1,3 - 2,0m
Date	19 SEPTEMBER 2012	Test No	2173
Job No	10162/2	Checked By	EB

SIEVE ANALYSIS

Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
75.00	100.00
53.00	100.00
37.50	100.00
26.50	100.00
19.00	98.52
9.50	94.80
4.75	92.26
2.00	89.04
0.425	83.00

GRADING ANALYSIS



HYDROMETER ANALYSIS

Values are expressed as a percentage of total sample

Sieve Size (mm)	Total Passing (%)
0.0901	60.62
0.0669	49.74
0.0489	41.97
0.0354	35.75
0.0050	10.88
0.0015	0.00

ATTERBERG LIMITS & OTHER VALUES

Liquid Limit	27
Plastic Limit	18
Plastic Index	9
Linear Shrinkage	4
Grading Modulus	0.67
Moisture Content	6.91
PI on Whole Sample	7

ACTIVITY CHART

