



**PRINCIPAL**  
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 Date: **09th August 2015**

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**PRESSCANE LIMITED**  
**P.O. Box 236**  
**CHIKWAWA**

**SUMMARY OF RESULTS – PROPOSED NEW FACTORY SITE, PRESCANE LIMITED, CHIKWAWA**

PIT NO	DEPTH (m)	CUMULATIVE % PASSING SIEVE SIZE (mm)											DCP PENETRATION RATE (mm/blow)	SAFE BEARING PRESSURE (KPa)	ATTERBERG LIMITS (%)			IN SITU MOISTURE CONTENT (%)	LINEAR SHRINKAGE (%)
		20.0	10.0	5.0	2.36	1.18	0.600	0.425	0.300	0.212	0.150	0.075			LL %	PL %	PI %		
1	1.0	100	100	100	100	99	91	80	74	69	66	66	8 (CBR ≈ 22%)	210	NP	NP	NP	3.0	2.14
	2.0	100	100	100	100	98	90	82	76	73	71	70			NP	NP	NP	5.9	
2	1.0	100	100	100	100	100	89	77	72	68	65	65	8 (CBR ≈ 22%)	210	NP	NP	NP	2.5	0.71
	2.0	100	100	100	100	99	91	82	76	71	68	68			NP	NP	NP	3.9	
3	1.0	100	100	100	100	97	86	76	69	64	62	61	13 (CBR ≈ 13%)	165	NP	NP	NP	3.0	1.43
	2.0	100	100	98	96	94	82	74	69	66	64	64			NP	NP	NP	5.0	

**ISHMAEL NG'OMA**

For Civil Engineering Laboratory

Cc: Principal, Polytechnic

**SKETCH MAP**  
(Not to scale)

