NOORDKAAP GEOKON

Geological & Geotechnical Consultation & Materials Laboratory, KIMBERLEY Cell 082 821 0217

PROJECT: **Wrenchville : Kalara Development** **DATE:** 6 November 2013

CLIENT: Kalara Investments, Kuruman **JOB NO**

FIELD SURVEY : DATA SHEET

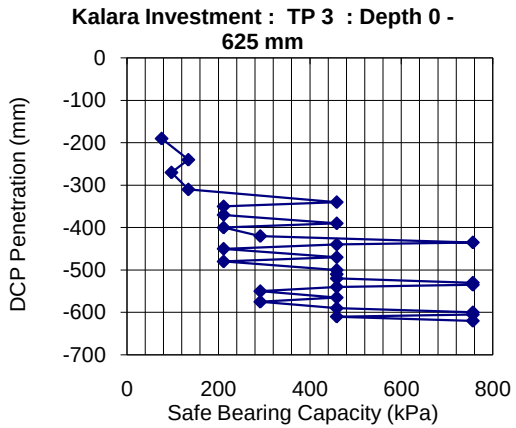
BORROW PIT NO.: **POSITION :** **Tn 3** **TRH Classification :**

SOIL PROFILE

DESCRIPTION

Soil Horizon	Depth (mm)	Soil type
A	200	Light red, sandy gravel.
B	1000	Red, dry gravel.

DCP PENETRATION



INDICATOR RESULTS

Sample no.	KC1433			Sample no	KC1433		
Horizon	A	B	C	Horizon	A	B	C
Sieve (mm)	% Passing			Sieve (mm)	% Passing		
> 75				0.425	76		
75				0.075	14.6		
63	98			C sand			
53	95			F sand			
37.5	92			Atterberg Limits			
26.5	86			LL			
19	81			LS			
13.2	80			PI	SP		
4.75	77			GM	1.34		
2	76						

CBR RESULTS

Sample no		KC1433		
Horizon		A	B	C
MDD				
OMC				
CBR @	100%			
	98%			
	95%			
	93%			
	90%			
Swell	MDD			
	NRB			
	PROC			

DCP Results

In situ		
Depth	CBR	kPa
300		100
600		>200