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

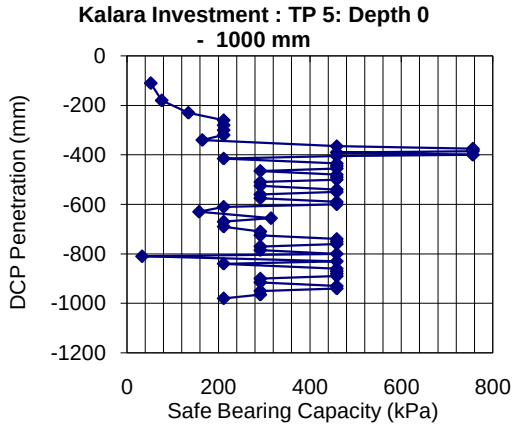
BORROW PIT NO.: **POSITION :** **Tn 5** **TRH Classification :**

SOIL PROFILE

DESCRIPTION

Soil Horizon	Depth (mm)	Soil type
A	600	Dry, red, sandy gravel.
B	>600	Dry, red sandy gravel with large calcrete rocks.

DCP PENETRATION



INDICATOR RESULTS

Sample no.	KC1442			Sample no	KC1442		
Horizon	A	B	C	Horizon	A	B	C
Sieve (mm)	% Passing			Sieve (mm)	% Passing		
> 75				0.425	79		
75				0.075	10.4		
63				C sand			
53	98			F sand			
37.5	94			Atterberg Limits			
26.5	90			LL			
19	84			LS			
13.2	83			PI	SP		
4.75	81			GM	1.7		
2	80						

CBR RESULTS

Sample no		KC1442		
Horizon		A	B	C
MDD				
OMC				
CBR @	100%			
	98%			
	95%			
	93%			
	90%			
Swell	MDD			
	NRB			
	PROC			

DCP Results

In situ		
Depth	CBR	kPa
300		>200
600		>200
1000		>200