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

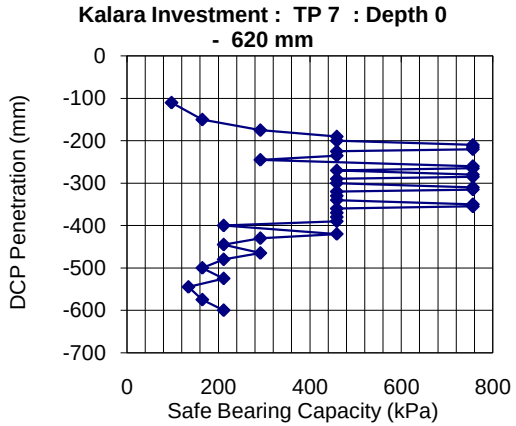
BORROW PIT NO.: **POSITION :** **Tn 7** **TRH Classification :**

SOIL PROFILE

DESCRIPTION

Soil Horizon	Depth (mm)	Soil type
A	1000	Sandy dark red gravel.

DCP PENETRATION



INDICATOR RESULTS

Sample no.	KC1439			Sample no	KC1439		
Horizon	A	B	C	Horizon	A	B	C
Sieve (mm)	% Passing			Sieve (mm)	% Passing		
> 75				0.425	90		
75				0.075	15		
63				C sand			
53				F sand			
37.5				Atterberg Limits			
26.5	99			LL			
19	97			LS	SP		
13.2	96			PI	1.03		
4.75	94			GM			
2	92						

CBR RESULTS

Sample no	KC1439			
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		150