



- LEGEND**
- Test pit position.
 - TP 4 Test pit number.
 - 0 Total potential heave (mm).
 - 0,4 Thickness of sandy colluvium(m)
 - ⊕ Growth of bulrushes.
- GEOLOGY**
- Granite
 - Basement
 - Complex
 - (Entire Site)

GEOTECHNICAL CLASSIFICATION

HEAVE			COLLAPSE			SETTLEMENT		
Class	Estimated total heave (mm)	Possible Construction Methods	Class	Estimated total collapse (mm)	Possible Construction Methods	Class	Estimated total settlement (mm)	Possible Construction Methods
	H 0 - 7,5	Normal		C 0-5	Normal		S 0-10	Normal
	H 1 >7,5-15	Modified Normal Soil Raft		C 1 >5-10	Modified Normal, Soil Raft, Deep Strip Foundations, Compaction below Foundations		S 1 >10-20	Modified Normal, Soil Raft, Deep Strip Foundations, Compaction below Foundations
	H 2 >15-30	Cellular Raft, Split Construction, Soil Raft		C 2 >10	Stiffened Foundations, Soil Raft, Cellular Raft, Soil Raft, Deep Strip Foundations, Compaction Below Foundations, Piled Foundations.		S 2 >20	Stiffened Foundations, Soil Raft, Cellular Raft, Soil Raft, Deep Strip Foundations, Compaction Below Foundations, Piled Foundations.
	H 3 >30	Cellular Raft, Piled Construction, Soil Raft						

(Differential Heave=50%Total Heave) (Differential Settlement=75%Total Settlement) (Differential Settlement=50%Total Settlement)

LOCALITY:
 ERAND GARDENS EXT X73
 Holdings 222 & 223, ERAND A. H. X1

TITLE:
 GEOTECHNICAL MAP

PREPARED BY: RELLY MILNER AND SHEDDEN P O BOX 32107 GLENSTANTIA 0010 Tel: 012 993 2049	SCALE	DATE
	1:2 000	June '07
	JOB No.	FILE No.
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