

SLOPE STABILITY ANALYSIS - COMPUTATIONS SHEET 1 OF

NAME OF SLIP LEICHHARDT AA'... MAP REF... EQ.152078

Yaxis (m)

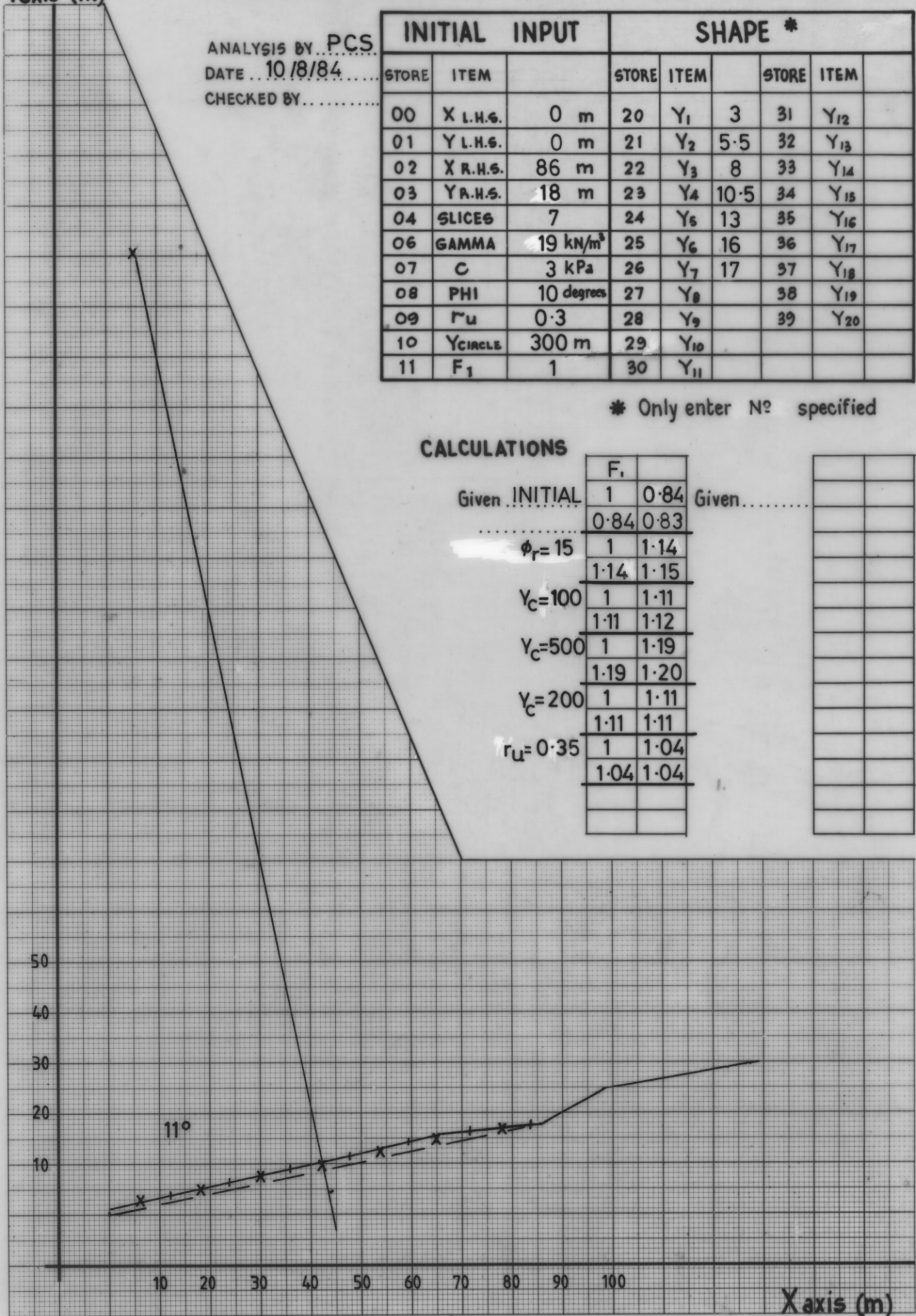
ANALYSIS BY PCS
DATE 10/8/84
CHECKED BY

INITIAL INPUT			SHAPE *				
STORE	ITEM		STORE	ITEM	STORE	ITEM	
00	X L.H.S.	0 m	20	Y ₁	3	31	Y ₁₂
01	Y L.H.S.	0 m	21	Y ₂	5.5	32	Y ₁₃
02	X R.H.S.	86 m	22	Y ₃	8	33	Y ₁₄
03	Y R.H.S.	18 m	23	Y ₄	10.5	34	Y ₁₅
04	SLICES	7	24	Y ₅	13	35	Y ₁₆
06	GAMMA	19 kN/m ³	25	Y ₆	16	36	Y ₁₇
07	C	3 kPa	26	Y ₇	17	37	Y ₁₈
08	PHI	10 degrees	27	Y ₈		38	Y ₁₉
09	r _u	0.3	28	Y ₉		39	Y ₂₀
10	Y _{CIRCLE}	300 m	29	Y ₁₀			
11	F ₁	1	30	Y ₁₁			

* Only enter N^o specified

CALCULATIONS

Given INITIAL	F ₁	1	0.84	Given	
		0.84	0.83		
$\phi_r = 15$		1	1.14		
		1.14	1.15		
$\gamma_c = 100$		1	1.11		
		1.11	1.12		
$\gamma_c = 500$		1	1.19		
		1.19	1.20		
$\gamma_c = 200$		1	1.11		
		1.11	1.11		
$r_u = 0.35$		1	1.04		
		1.04	1.04		



5058C

161

5 cm

5058C