SLOPE STABILITY ANALYSIS - COMPUTATIONS SHEET 1 OF.....

NAME OF SLIP LEICHHARDT BB' RESTORED MAP REF EQ 152078

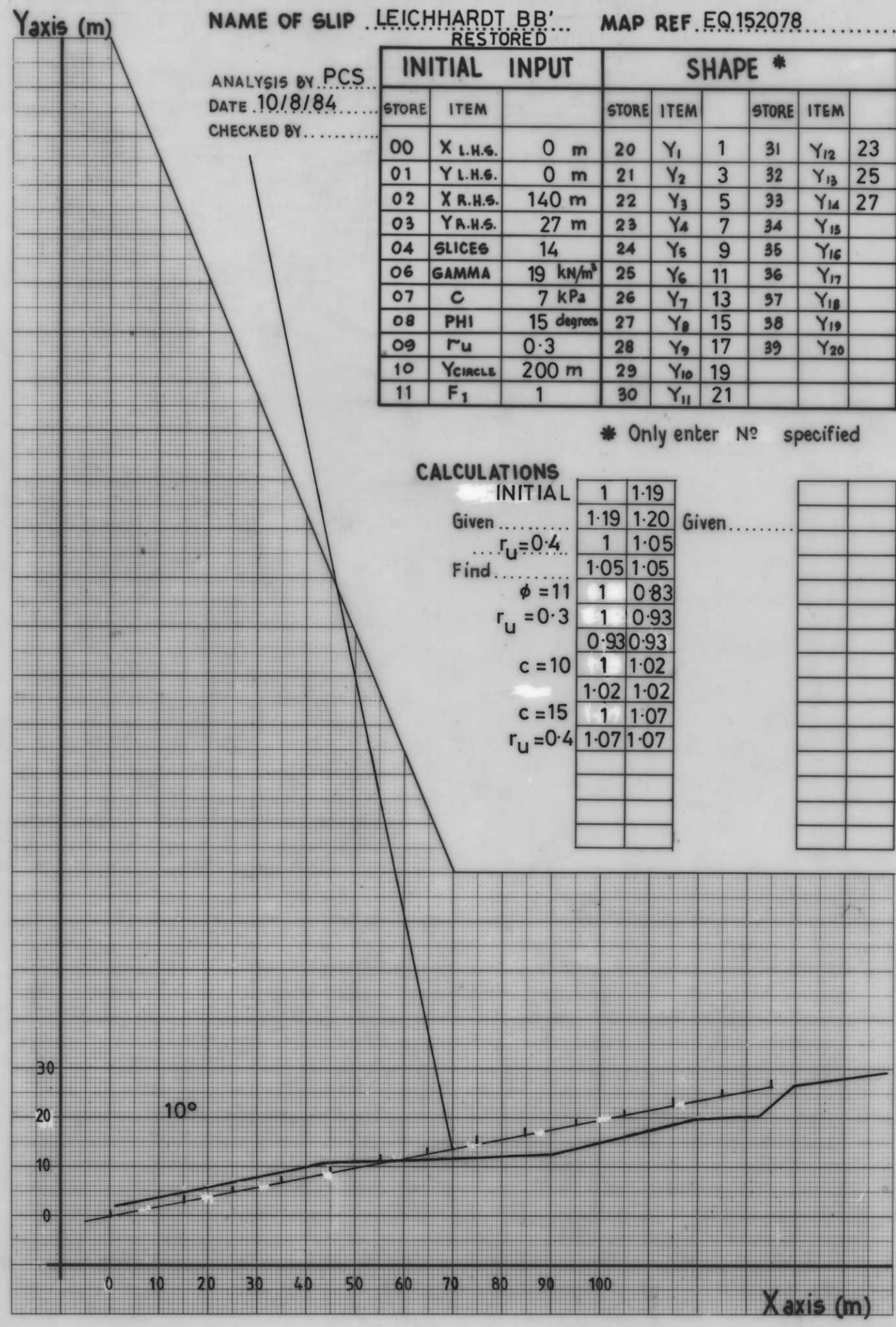
ANALYSIS BY PCS
DATE 10/8/84
CHECKED BY.....

INITIAL INPUT			SHAPE *					
STORE	ITEM		STORE	ITEM		STORE	ITEM	
00	X L.H.S.	0 m	20	Y_1	1	31	Y_{12}	23
01	Y L.H.S.	0 m	21	Y_2	3	32	Y_{13}	25
02	X R.H.S.	140 m	22	Y_3	5	33	Y_{14}	27
03	Y R.H.S.	27 m	23	Y_4	7	34	Y_{15}	
04	SLICES	14	24	Y_5	9	35	Y_{16}	
06	GAMMA	19 kN/m³	25	Y_6	11	36	Y_{17}	
07	C	7 kPa	26	Y_7	13	37	Y_{18}	
08	PHI	15 degrees	27	Y_8	15	38	Y_{19}	
09	r_u	0·3	28	Y_9	17	39	Y_{20}	
10	Y_{CIRCLE}	200 m	29	Y_{10}	19			
11	F_1	1	30	Y_{11}	21			

* Only enter Nº specified

CALCULATIONS

INITIAL	1	1·19			
Given.....	1·19	1·20	Given.....		
....r_u=0·4	1	1·05			
Find.....	1·05	1·05			
ϕ =11	1	0·83			
r_u =0·3	1	0·93			
	0·93	0·93			
c =10	1	1·02			
	1·02	1·02			
c =15	1	1·07			
r_u =0·4	1·07	1·07			



5 cm

5058F

5058F
164