

CURRAGH RESOURCES INC.
 file: PAGETEST
 22-Feb-92

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TARGET SF	PIL HT (ft)	PAN LEN (ft)	DFT WID (ft)	ORE DIP (deg)	DEPTH (ft=PSI)	PAN WID (ft)	R MASS STR (MPa)	PIL HT (ft)	PAN LEN (ft)	DFT WID (ft)	DIP (RAD)	V STRESS (MPa)	INSITU LD (PSI)	INSITU LD (MPa)	
1.3	20.0	30.0	16.0	25.0	800	20.0	54.0	6.10	9.14	4.88	0.4363	5.5	942.88	6.5027	
ITERATION NUMBER	PIL WID (ft)	LD AREA (sq ft)	PIL AREA (sq ft)	PIL STRESS (MPa)	EFF WID (ft)	PIL STR (MPa)	SAFE FACT	EXTRACT (%)	LD AREA (sq ft)	PIL AREA (sq ft)	PIL PER (ft)	PIL PER (ft)	WIDTH TEST	EFF WID (ft)	PIL WID (ft)
INIT RANGE	15.63	1639	469	22.73	20.5	38.13	1.68	71.42	152.25	43.55	91.3	27.81	OK	6.26	4.8
1	12.13	1279	234	35.50	12.4	29.62	0.83	81.72	118.86	21.77	75.6	23.05	OK	3.78	2.4
2	11.90	1467	357	26.73	17.0	34.72	1.30	75.72	136.31	33.15	83.8	25.54	OK	5.19	3.6
3	11.91	1468	357	26.72	17.1	34.73	1.30	75.72	136.37	33.19	83.8	25.55	OK	5.20	3.6
4	11.91	1468	357	26.72	17.0	34.73	1.30	75.72	136.36	33.19	83.8	25.55	OK	5.20	3.6
5	11.91	1468	357	26.72	17.0	34.73	1.30	75.72	136.36	33.19	83.8	25.55	OK	5.20	3.6
6	11.91	1468	357	26.72	17.0	34.73	1.30	75.72	136.36	33.19	83.8	25.55	OK	5.20	3.6
7	11.91	1468	357	26.72	17.0	34.73	1.30	75.72	136.36	33.19	83.8	25.55	OK	5.20	3.6
8	11.91	1468	357	26.72	17.0	34.73	1.30	75.72	136.36	33.19	83.8	25.55	OK	5.20	3.6
9	11.91	1468	357	26.72	17.0	34.73	1.30	75.72	136.36	33.19	83.8	25.55	OK	5.20	3.6
10	11.91	1468	357	26.72	17.0	34.73	1.30	75.72	136.36	33.19	83.8	25.55	OK	5.20	3.6

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:: START :: PIL WID :: SAFE FACT :: LD AREA PIL AREA PIL STRESS EFF WID PIL STR EXTRACT LD AREA PIL AREA PIL PER PIL PER WIDTH EFF WID PIL WID ::
:: CONDITIONS:: (ft) :: :: (sq ft) (sq ft) (MPa) (ft) (MPa) (2) (sq ft) (sq ft) (ft) (ft) TEST (ft) (ft) (ft) ::
=====
:: 15.63 :: 1.68 :: 1639 469 22.73 20.5 38.13 71.4% 152.25 43.55 91.3 27.81 OK 6.26 4.8 ::
:: 7.81 :: 0.83 :: 1279 234 35.50 12.4 29.62 81.7% 118.86 21.77 75.6 23.05 OK 3.78 2.4 ::
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\SEGOTO3AD1~(DOWN 43-CRIGT 33-C?)~
CLET J10,+J9)
EGOTO3B9~(?)~
CLET CNTR1,0)
EGOTO3AV16~
(CBRANCH I)

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**ENTER INITIAL TEST PILLAR WIDTH
**COPY FIRST PILLAR TEST WIDTH TO SECOND PILLAR TEST WIDTH
**ENTER TARGET SAFETY FACTOR
**RESET COUNTER

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18 WID1 : 4
19 WID2 : 2

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I (IF ((+Q9-B9)*(+Q10-B9))>0)CLET CNTR1,CNTR1+1)CLET J9,+J10)CLET J10,(0.5*J9*(+B9-Q9)/@ABS(+B9-Q9))+J9)~
(QUIT)

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**TEST VALUE OF TEST WIDTHS & STARTING TEST WIDTH ITERATION
**ADVANCE COUNTER
**COPY SECOND PILLAR TEST WIDTH TO FIRST PILLAR TEST WIDTH

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Q8 SFAC1 : 1 **
Q9 SFAC2 : 0 **

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\I (IF ((+Q9-B9)*(+Q10-B9))>0)CLET CNTR1,CNTR1+1)CLET J9,+J10)CLET J10,(0.5*J9*(+B9-Q9)/@ABS(+B9-Q9)**INCREMENT SECOND PILLAR TEST WIDTH
CLET CNTR1,CNTR1+1)CLET J9,+J10)CLET J10,(0.5*J9*(+B9-Q9)/@ABS(+B9-Q9)**RE-EVALUATE PILLAR TEST WIDTHS FOR ITERATION CAPABILITY
CLET CNTR1,CNTR1+1)CLET J9,+J10)CLET J10,(0.5*J9*(+B9-Q9)/@ABS(+B9-Q9))+J9)~
CLET CNTR1,CNTR1+1)CLET J9,+J10)CLET J10,(0.5*J9*(+B9-Q9)/@ABS(+B9-Q9)**ITERATION COUNTER
CLET CNTR1,CNTR1+1)CLET J9,+J10)CLET J10,(0.5*J9*(+B9-Q9)/@ABS(+B9-Q9))+J9)~
CLET CNTR1,CNTR1+1)CLET J9,+J10)CLET J10,(0.5*J9*(+B9-Q9)/@ABS(+B9-Q9))+J9)~
CLET CNTR1,CNTR1+1)CLET J9,+J10)CLET J10,(0.5*J9*(+B9-Q9)/@ABS(+B9-Q9))+J9)~
CLET CNTR1,CNTR1+1)CLET J9,+J10)CLET J10,(0.5*J9*(+B9-Q9)/@ABS(+B9-Q9))+J9)~
CLET CNTR1,CNTR1+1)CLET J9,+J10)CLET J10,(0.5*J9*(+B9-Q9)/@ABS(+B9-Q9))+J9)~
CLET CNTR1,CNTR1+1)CLET J9,+J10)CLET J10,(0.5*J9*(+B9-Q9)/@ABS(+B9-Q9))+J9)~
CLET CNTR1,CNTR1+1)CLET J9,+J10)CLET J10,(0.5*J9*(+B9-Q9)/@ABS(+B9-Q9))+J9)~
CLET CNTR1,CNTR1+1)CLET J9,+J10)CLET J10,(0.5*J9*(+B9-Q9)/@ABS(+B9-Q9))+J9)~

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(CHOME)
(QUIT)

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CH 0