

**INPUT DATA: Geogrids  
(Analysis)**

D A T A	Geogrid type #1	Geogrid type #2	Geogrid type #3	Geogrid type #4	Geogrid type #5
Tult [lb/ft]	7400.0	13705.0			
Durability reduction factor, RFd	1.10	1.10			
Installation-damage reduction factor, RFid	1.10	1.10			
Creep reduction factor, RFc	1.46	1.46	N/A	N/A	N/A
CDR for strength	N/A	N/A			
Coverage ratio, Rc	1.000	1.000			
Friction angle along geogrid-soil interface, $\rho$	21.33	21.33			
Pullout resistance factor, F*	$0.80 \cdot \tan \phi$	$0.80 \cdot \tan \phi$	N/A	N/A	N/A
Scale-effect correction factor, $\alpha$	0.8	0.8			

Please provide supporting documentation for the use of an installation damage reduction factor of 1.1 in crushed stone.

Data sheet shows a 1.45 creep reduction factor.

**Variation of Lateral Earth Pressure Coefficient With Depth**

Z	K / Ka
0 ft	1.00
3.3 ft	1.00
6.6 ft	1.00
9.8 ft	1.00
13.1 ft	1.00
16.4 ft	1.00
19.7 ft	1.00

