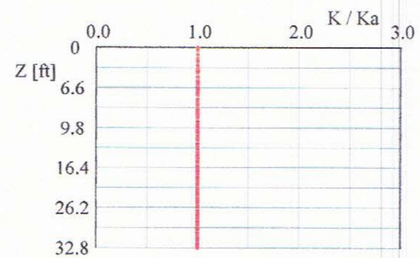
INPUT DATA: Geogrids (Analysis)

5XT

DATA	Geogrid type #1	Geogrid type #2	Geogrid type #3	Geogrid type #4	Geogrid type #5
Tult [lb/ft]	3500.0	4700.0	7400.0	9500.0	
Durability reduction factor, RFd	1.30	1.30	1.30	1.30	
Installation-damage reduction factor, RFid	1.10	1.10	1.10	1.10	
Creep reduction factor, RFc	1.56	1.56	1.56	1.56	N/A
CDR for strength	N/A	N/A	N/A	N/A	
Coverage ratio, Rc	1.000	1.000	1.000	1.000	
Friction angle along geogrid-soil interface, ρ	31.00	31.00	31.00	31.00	
Pullout resistance factor, F*	0.90·tanϕ	0.90·tanϕ	0.90·tanϕ	0.90·tanϕ	N/A
Scale-effect correction factor, α	0.8	0.8	0.8	0.8	

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



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