

Perform a complete SCAT analysis on the Greasy Cove anticline (Table 9.4). Consider both fold and fault geometry. The anticline is part of the southern Appalachian fold-thrust belt.

Table 9.4.
Southeastern Greasy Cove
anticline bedding attitudes

Distance (ft)	Bedding attitude	T component	L component
0	10,300		
200	35,302		
500	43,293		
600	85,300		
1 200	90,329		
1 500	70,130		
1 600	45,133		
2 000	70,133		
2 100	30,130		
2 200	50,130		
3 500	60,133		
4 000	40,150		