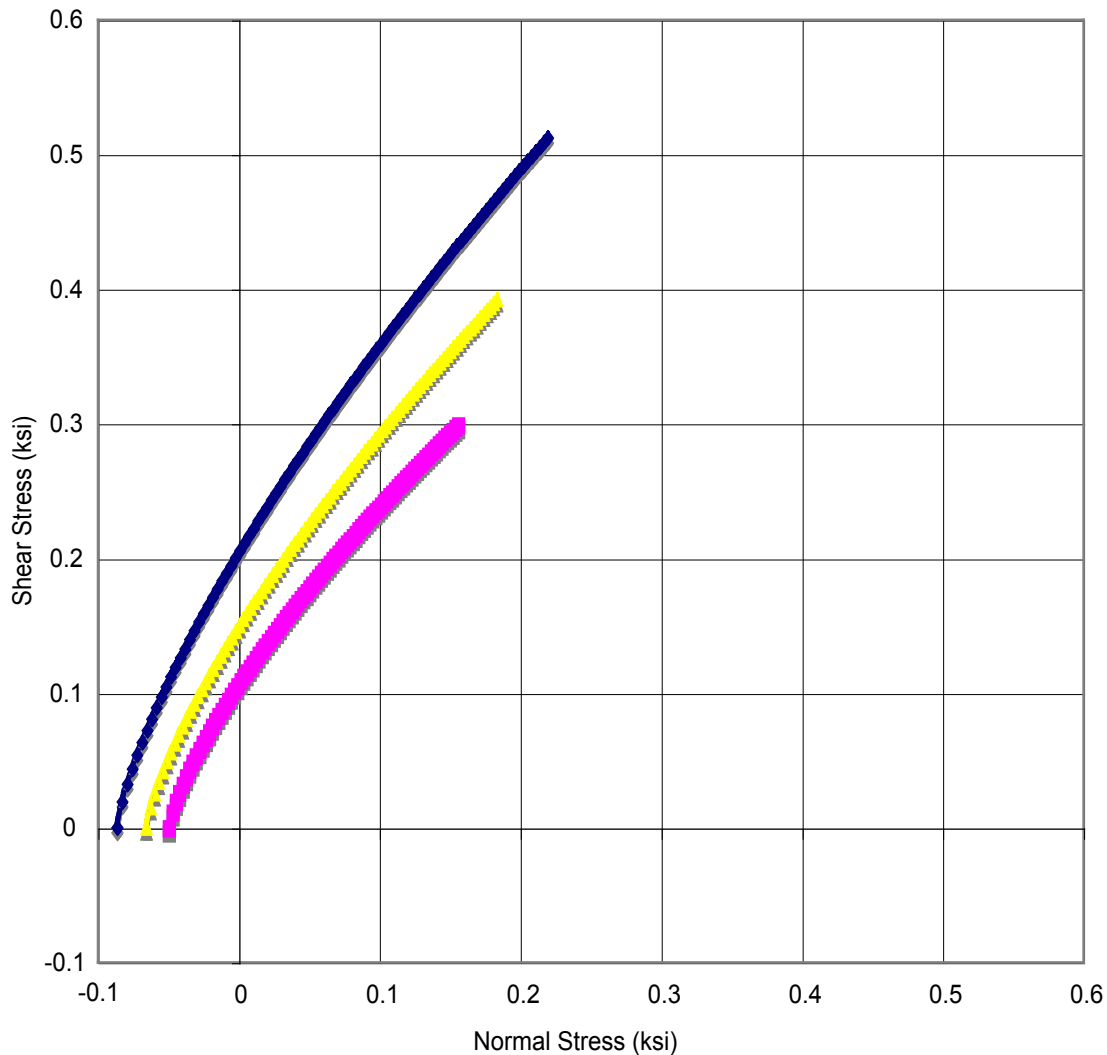


Bellefonte Nuclear Plant, Units 3 & 4  
COL Application  
Part 2, FSAR



**Explanation**

**◆ Upper Bound**

INPUTS	
sigci	24.14 ksi
GSI	63.00
mi	9.00
D	0.85
Ei	8320.9

Hoek Brown OUTPUTS	
c	0.20 ksi
phi	57 degrees
Erm	1562.8 ksi

**◆ Lower Bound**

INPUTS	
sigci	18.96 ksi
GSI	57.00
mi	7.00
D	0.85
Ei	5835.5

Hoek Brown OUTPUTS	
c	0.11 ksi
phi	54 degrees
Erm	763.68 ksi

**◆ Mean**

INPUTS	
sigci	21.55 ksi
GSI	60.00
mi	8.00
D	0.85
Ei	7078.2

Hoek Brown OUTPUTS	
c	0.14 ksi
phi	56 degrees
Erm	1113.6 ksi