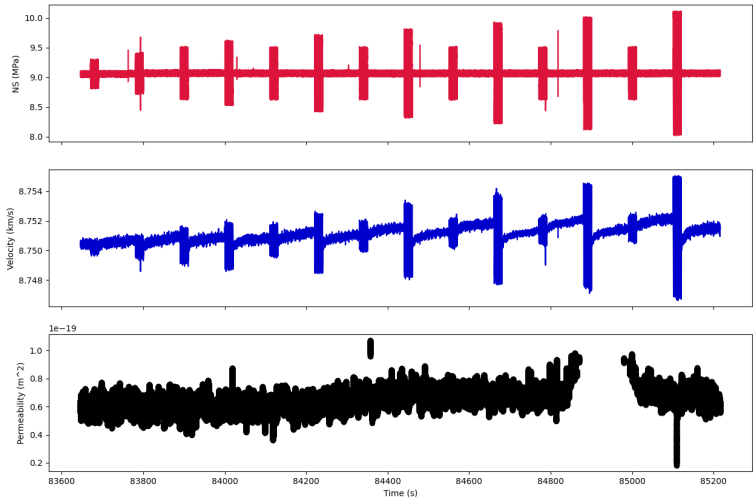
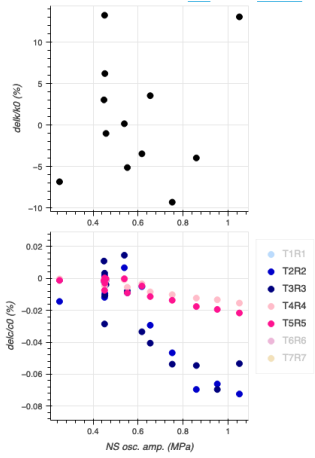
p5607 acoustic analysis – preliminary

February 22, 2022


NS (MPa)
10.0
9.5
9.0
8.5
8.0
Velocity (km/s)
8.754
8.752
8.750
8.748
1e−19
Permeability (m^2)
1.0
0.8
0.6
0.4
0.2
83600
83800
84000
84200
84400
84600
84800
85000
85200
Time (s)


delk/k0 (%)
10
5
0
−5
−10
0.4
0.6
0.8
1
delc/c0 (%)
0.02
0
−0.02
−0.04
−0.06
−0.08
0.4
0.6
0.8
1
NS osc. amp. (MPa)
T1R1
T2R2
T3R3
T4R4
T5R5
T6R6
T7R7

To-do:

- fix x-corr windows for following pairs: TR1, TR6, TR7
- update velocity function with new sideblock geometry