

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N **NO**


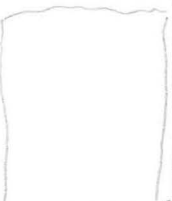
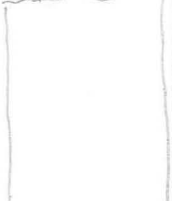


Depth Interval (ft) 0-5

Box # 1

Run # 1

Date 3/12/21

Core Logger(s) WMR

Depth	Sketch [fractures, foliation & fold directions]	Notes
0		amp
0.5		
1		amp
1		Massive amphib with few thin, filled fractures - Thin fracture with intermittent thin porosity; entire fracture remains wet after applying water; Porosity is ~0.25mm but frequent along the fracture.
1.5		
2		amp
2		massive amphib with few thin fractures
2.5		
3		amp
3		Qtz vein; 1.5 cm wide massive amphibolite with few thin fractures
3.5		
4		amp
4		massive amphibolite with few thin fractures.
4.5		
5		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N *yes*


Depth Interval (ft) *5-6*

Box # *1*

Run # *2*

Date *3-12-21*

Core Logger(s) *WmR*

Depth	Sketch [fractures, foliation & fold directions]	Notes
<div>5</div> <div> <div>0.5</div> <div>1</div> </div>		<p>Short core run is requested by driller</p> <p>Massive amphibolite with few thin fractures</p> <p>- Calcite filled linear feature that pinches out in the core.</p>
<div>6</div> <div> <div>0.5</div> <div>1</div> </div>		
<div> <div>0.5</div> <div>1</div> </div>		
<div> <div>0.5</div> <div>1</div> </div>		
<div> <div>0.5</div> <div>1</div> </div>		
<div> <div>0.5</div> <div>1</div> </div>		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N *No*





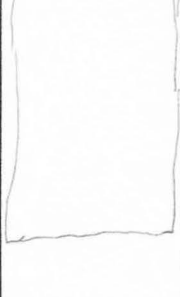
Depth Interval (ft) *6-11*

Box # *1*

Run # *3*

Date *3/12/20*

Core Logger(s) *WmR*

Depth	Sketch [fractures, foliation & fold directions]	Notes
6 0.5 1		amphibolite calcite vein; 1 cm wide thin filled fractures (10/ft)
7 0.5 1		amp qtz vein; 6 mm wide
8 0.5 1		amp thin (1 mm) calcite + qtz fracture with alteration halo (5 mm wide).
9 0.5 1		amp thin filled fractures
10 0.5 1		amp thin filled fractures

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N

Yes

Depth Interval (ft)

11-16

Box #

2

Run #

4

Date

3-12-21

Core Logger(s)

WMP

Depth

Sketch [fractures, foliation & fold directions]

Notes

amp
Calcite fracture (2mm) w.d.c; does not go through core; pitches out halfway through core
Amphibolite is massive with a few thin filled fractures (4/ft)

amp - massive

thin filled fractures 6/ft

amp - massive

thin filled fractures (2/ft)

amp - massive

thin filled fractures (7/ft)





amp - massive

Procton
thin, filled ~~fr~~ 7/ft

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL






Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N <i>yes</i>
Depth Interval (ft) <i>16-19</i>	Box # <i>2</i>	Run # <i>5</i>
Date <i>3-12-21</i>	Core Logger(s) <i>WMR</i>	

Depth	Sketch [fractures, foliation & fold directions]	Notes
16 0.5 1		amp Short run because tube blocked off many thin fractures (> 50/ft) 3cm wide zone of closely-spaced calc-filled fractures
17 0.5 1		amp - massive thin fractures (~20/ft) Calcitic vein amph Calcitic vein
18 0.5 1		amp - small pod of yellow-tan hard material with irregular fractures (?) in the interior and rounded irregular spheres at the top (~3mm radius) irregular foliations/layering
19 0.5 1		Rubble

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N <i>NO</i>
Depth Interval (ft) <i>119-22</i>	Box # <i>2</i>	Run # <i>6</i>
Date <i>3-12-21</i>	Core Logger(s) <i>WMR</i>	

Depth	Sketch [fractures, foliation & fold directions]	Notes
<div> <div>0.5</div> <div>1</div> </div>		<p>Amph - massive</p> <p>Calcitic layering around a central pod of Calcite. Outer foliation / layering has a flame texture (and pinches out part way through the core).</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amph - massive</p> <p>thin ~8 fracture/ft (filled)</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amphib - massive</p> <p>~6 thin fractures / ft (filled)</p> <p>Although the amphibolite is massive along the core, the core ends show a marked marked foliation and the bottom</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Core end shows a compositional layering</p> <p>medium darker light color</p> <p>light color - Calcite-rich</p>
<div> <div>0.5</div> <div>1</div> </div>		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N *NO*



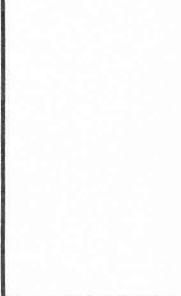
Depth Interval (ft) *22-26'*

Box # *3*

Run # *7*

Date *3-23-21*

Core Logger(s) *BPB*

Depth	Sketch [fractures, foliation & fold directions]	Notes
22		<i>Amp (massive) Calcite veins, thin/filled fractures</i>
23		<i>Amp Shear zone, mineralized (.5 - 1.5 cm wide) Thin calcite veins/filled fractures</i>
24		<i>Amp Thin calcite veins/filled fractures</i>
25		<i>Amp Thin calcite veins/filled fractures</i>
26		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 26-31'	Box # 3	Run # 8
Date 3-23-21	Core Logger(s) BPPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
26		Amp Thin calcite filled fractures $\leq 2\text{mm}$ wide
27		Amp Non-mineralized shear zone 1cm wide Thin calcite ^{filled} fractures (10+/ft) (1-2mm)
28		Amp Thin calcite ^{filled} fractures (10+/ft)
29		Amp Thin calcite filled fractures (or 5/ft)
30		Amp Thin calcite filled fractures (5/ft)
31	Filename range (digital core images)	

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N *YES*

Depth Interval (ft) 31-36

Box # 3

Run # 9

Date 3-23-21

Core Logger(s) BRB

Depth

Sketch [fractures, foliation & fold directions]

Notes

Amp

← porous micro-fractures

thin calcite filled fractures ~1mm wide

Amp

||

||

Amp

||

with calcite nodules

||

Amp

Non-mineralized shear zone

Thin calcite-filled fractures

Amp

Non-mineralized shear zone

Thin calcite filled fractures

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N YES

Depth Interval (ft) 36-41

Box # 4

Run # 10

Date 3-23-21






Core Logger(s) BPB

Depth	Sketch [fractures, foliation & fold directions]	Notes
36		Amp Thin calcite filled fractures shear zone with calcite
37		Amp Thin calcite filled fractures
38		Amp Quartz with calcite nodules
39		Amp Sanidine filled fracture (39.9 feet) or 6mm wide ★ Mechanical fracture ★
40		Amp 3 shear zones, non-mineralized Thin calcite filled fractures
41		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

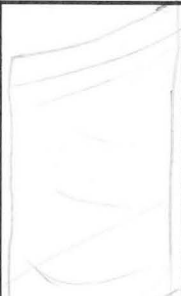

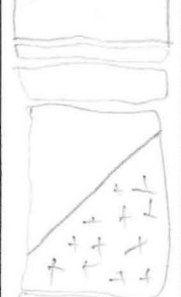

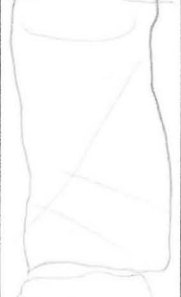
Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 41-46	Box # 4	Run # 11
Date 3-23-21	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
41 0.5 1		Amp Thin calcite filled fractures $\leq 1\text{mm}$ (4/ft)
42 0.5 1		Amp 1-2mm wide (6/ft)
43 0.5 1		Amp 1-5mm wide (3/ft) Qtz filled fracture
44 0.5 1		Amp Thin calcite filled fractures (10/ft) $\sim 1\text{mm}$ wide
45 0.5 1		Amp 7/ft $\leq 1\text{mm}$ wide

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL





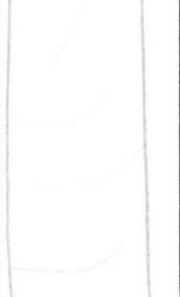
Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N NO
Depth Interval (ft) 46-51	Box # 4	Run # 12
Date 3-23-21	Core Logger(s) BPD	

Depth	Sketch [fractures, foliation & fold directions]	Notes
46 0.5 1		Not oriented with Run 11 Amp Thin calcite filled fractures (7/ft)
47 0.5 1		Amp + Qtz Qtz filled fracture 8" wide with some amp, and minor calcite 45° from core axis (47.2 - 48')
48 0.5 1		Amp + Qtz Mech. breaks Qtz filled fracture 9" wide with some Amp and minor calcite 70° from core axis (48.4 - 49.6')
49 0.5 1		Amp Thin calcite filled fractures (4/ft)
50 0.5 1		Amp 11

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N <i>NO</i>
Depth Interval (ft) <i>51-56</i>	Box # <i>5</i>	Run # <i>13</i>
Date <i>3-22-21</i>	Core Logger(s) <i>BPD</i>	

Depth	Sketch [fractures, foliation & fold directions]	Notes
<div>51</div> <div>0.5</div> <div>1</div>		<div>Amp</div> <div>Thin calcite filled fractures (3/4")</div>
<div>52</div> <div>0.5</div> <div>1</div>		<div>Amp</div> <div>Thin calcite filled fractures</div>
<div>53</div> <div>0.5</div> <div>1</div>		<div>Amp</div> <div>healed calcite filled breccia zone (53.2-53.6')</div> <div>≤5mm wide calcite veins/nodules</div>
<div>54</div> <div>0.5</div> <div>1</div>		<div>Amp</div> <div>≤5mm wide calcite filled fractures</div>
<div>55</div> <div>0.5</div> <div>1</div>		<div>Amp</div> <div>Thin calcite filled fractures (~1mm wide)</div>

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 56-61	Box # 5	Run # 14
Date 3-24-21	Core Logger(s) BPD	

Depth	Sketch [fractures, foliation & fold directions]	Notes
56 0.5 1		Amp + Qtz Qtz filled fracture 3/4" wide Thin calcite filled fractures ~1mm wide (5/ft)
57 0.5 1		Amp Thin calcite filled fractures (7/ft)
58 0.5 1		Amp " (3/ft)
59 0.5 1		Amp " (9/ft)
60 0.5 1		Amp (5/ft)

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL


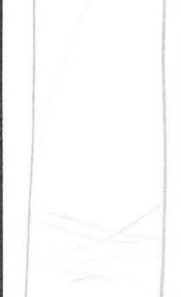

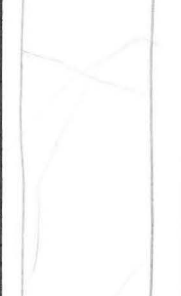
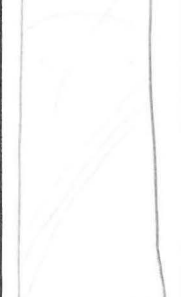
Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 61-66	Box # 5	Run # 15
Date 3-24-21	Core Logger(s) BPP	

Depth	Sketch [fractures, foliation & fold directions]	Notes
61 0.5 1		Amp Calcite filled fractures 1-4mm wide (B/H)
62 0.5 1		Amp Thin calcite filled fractures 1-2mm wide, (F/H)
63 0.5 1		Amp Thin calcite filled fractures ≤ 1 mm (B/H)
64 0.5 1		Amp Calcite filled fractures 1-3mm wide (G/H)
65 0.5 1		Amp " "

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N NO
Depth Interval (ft) 66-71	Box # 6	Run # 16
Date 3-24-21	Core Logger(s) BPD	

Depth	Sketch [fractures, foliation & fold directions]	Notes
66 0.5 1		Amp ~1/4" wide Qtz-filled fracture with pyrite thin calcite filled fractures (6/ft) 1-2mm
67 0.5 1		Amp Thin calcite filled fractures (9/ft) 1-3mm
68 0.5 1		Amp " (9/ft) 1-3mm
69 0.5 1		Amp " (3/ft) 1-2mm
70 0.5 1		Amp " (6/ft) 1-2mm

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 71-76	Box # 6	Run # 17
Date 3-24-21	Core Logger(s) PRB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
71 0.5 1		Amp Minor thin calcite filled fractures
72 0.5 1		Amp Shear zones with pyrite Qtz nodules in filled fracture minor calcite
73 0.5 1		Amp Shear zones with pyrite. minor calcite
74 0.5 1		Amp Shear zones with pyrite minor calcite
75 0.5 1		Amp Shear zone with pyrite minor calcite

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N

YES

Depth Interval (ft)

76-81

Box #

6

Run #

18

Date

3-24-21

Core Logger(s)

OPD

Depth

Sketch [fractures, foliation & fold directions]

Notes

76

0.5
1



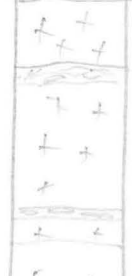
Amp
Qtz

Amp + Qtz

Qtz = massive, stress joints parallel to core axis (vertical)

77

0.5
1



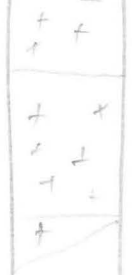
Qtz

Quartz

Massive with stress joints

78

0.5
1



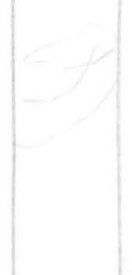
Qtz
Amp

Qtz

Massive with parallel to core axis stress joints

79

0.5
1



Amp

Amp

Calcite filled fractures with a little Quartz (1/16 - 1/2" wide)

80

0.5
1



Amp

Amp

Massive

81

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 81-86	Box # 7	Run # 19
Date 3-24-21	Core Logger(s) BFB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
81 0.5 1		Amp Massive Minor calcite filled fractures
82 0.5 1		" "
83 0.5 1		" "
84 0.5 1		" "
85 0.5 1		Amp thin calcite filled fractures (~1mm) (8/ft)

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 86-91	Box # 7	Run # 20
Date 3-29-21	Core Logger(s) BPD	

Depth	Sketch [fractures, foliation & fold directions]	Notes
86 0.5 1		Amp thin Qtz+calcite filled fracture (20+/ft)
87 0.5 1		Amp Thin calcite filled fracture (1-3mm) 20+/ft
88 0.5 1		Amp "
89 0.5 1		Amp " Sandstone filled fracture with pyrite + Qtz
90 0.5 1		Amp calcite filled fractures 1-2mm 16/ft

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 91-96	Box # 7	Run # 21
Date 3-24-21	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
91 0.5 1		Ang Thin calcite filled fractures ~1 mm wide (~15/ft)
92 0.5 1		Ang //
93 0.5 1		Ang //
94 0.5 1		Ang // (7/ft)
95 0.5 1		Ang //

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 96-101	Box # 8	Run # 22
Date 3-29-21	Core Logger(s) BPR	

Depth	Sketch [fractures, foliation & fold directions]	Notes
96 0.5 1		Amp Calcite filled fractures
97 0.5 1		Amp Thin calcite filled fractures (~1mm wide) (12/ft)
98 0.5 1		Amp "
99 0.5 1		Amp " 3/ft
100 0.5 1		Amp thin calcite filled fractures with some porous fractures / partially filled ~1mm wide (6/ft)

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 101-106	Box # 8	Run # 23
Date 3-24-21	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
101 0.5 1		Amp Calcite filled fractures (14/ft 1-3 mm)
102 0.5 1		Amp " 20+/ft
103 0.5 1		Amp " 14/ft
104 0.5 1		Amp " 11/ft
105 0.5 1		Amp " 9/ft ~1mm wide
106		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 106-111	Box # 8	Run # 24
Date 3-24-21	Core Logger(s) BFB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
106 0.5 1		Amp Thin calcite filled fractures 1-2 mm (13+/ft)
107 0.5 1		Amp " 1-3mm wide (~20/ft) "
108 0.5 1		Amp " (1-2mm wide 15/ft) "
109 0.5 1		Amp Thin calcite filled fractures (1-2mm wide 4/ft) Qtz filled fracture @ 109.5' (1.5" wide) (70° from core axis)
110 0.5 1		Amp Thin calcite filled fractures; 1-2mm wide 9/ft
111		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

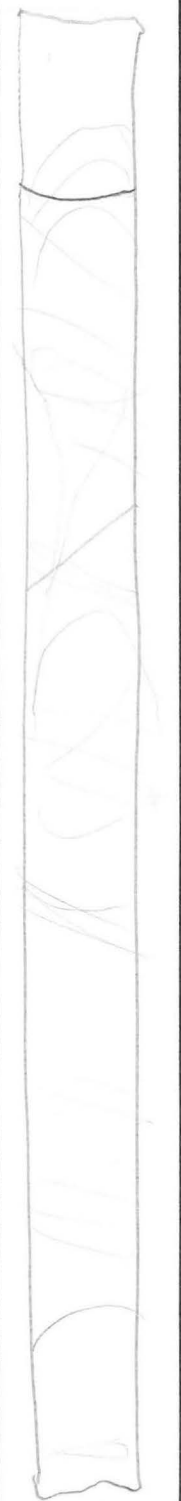
Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 111-116	Box # 9	Run # 25
Date 3-24-21	Core Logger(s) BPD	

Depth	Sketch [fractures, foliation & fold directions]	Notes
111 0.5 1		Amp Thin calcite filled fractures (1-2 mm wide 10/ft)
112 0.5 1		Amp " 13/ft
113 0.5 1		Amp Mineralized shear zone 5mm wide calcite, pyrite, Amp, ect. - Thin calcite filled fractures (1-2mm 17/ft)
114 0.5 1		Amp Thin calcite filled fractures (1-2mm 13/ft)
115 0.5 1		Amp " 12/ft

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL


Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N <i>YES</i>
Depth Interval (ft) <i>116-121</i>	Box # <i>9</i>	Run # <i>26</i>
Date <i>3-24-21</i>	Core Logger(s) <i>PPB</i>	

Depth	Sketch [fractures, foliation & fold directions]	Notes
116 0.5 1		Amp Thin calcite filled fractures (1-2mm) (10/ft) Sanidine filled fracture 116.6' 3mm wide
117 0.5 1		Amp Thin calcite filled fractures (1-2mm) 20+/ft
118 0.5 1		Amp " (12/ft)
119 0.5 1		Amp " (10/ft)
120 0.5 1		Amp " (10/ft)
121		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 121-126	Box # 9	Run # 27
Date 3-25-21	Core Logger(s) OPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
121 0.5 1		Amp Thin calcite filled fractures 1-2mm wide 7/ft
122 0.5 1		Amp 16/ft
123 0.5 1		Amp 12/ft 1 cm wide Calcite mineralized shear zone 123.2'
124 0.5 1		Amp 7/ft
125 0.5 1		Amp 13/ft

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N *YES*

Depth Interval (ft) *126-131*

Box # *10*

Run # *28*

Date *3-25-21*

Core Logger(s) *DPD*

Depth	Sketch [fractures, foliation & fold directions]	Notes
<div>126</div> <div>0.5</div> <div>1</div>		<p><i>Amp</i></p> <p><i>Thin calcite filled fractures (1-3mm wide 20+/ft)</i></p>
<div>127</div> <div>0.5</div> <div>1</div>		<p><i>Amp</i></p> <p><i>Calcite mineralized shear zone</i></p> <p><i>Thin calcite filled fractures (1-2mm wide 7/ft)</i></p>
<div>128</div> <div>0.5</div> <div>1</div>		<p><i>Amp</i></p> <p><i>Thin calcite filled fractures</i></p>
<div>129</div> <div>0.5</div> <div>1</div>		<p><i>Amp</i></p> <p><i>Thin calcite filled fractures (1-2mm wide 11/ft)</i></p>
<div>130</div> <div>0.5</div> <div>1</div>		<p><i>Amp</i></p> <p><i>~7/ft</i></p>

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 131-136	Box # 10	Run # 29
Date 3-25-21	Core Logger(s) BPO	

Depth	Sketch [fractures, foliation & fold directions]	Notes
131 0.5 1		Orientation Lost in Run Amp Thin calcite filled fractures (~1mm wide 12/ft)
132 0.5 1		Amp "
133 0.5 1		Mech. Amp breaks/rubble ★ Core barrel got stuck, all mechanical breaks
134 0.5 1		Amp " 134.5+ = Thin calcite filled fractures 1-2mm wide
135 0.5 1		Amp " 8/ft

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N YES

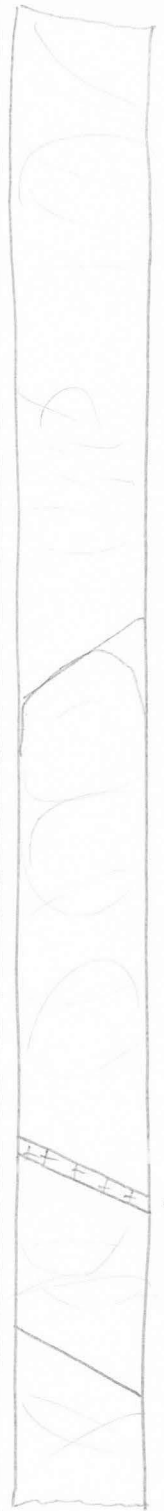
Depth Interval (ft) 136-141

Box # 10

Run # 30

Date 3-25-21



Core Logger(s) BPB

Depth	Sketch [fractures, foliation & fold directions]	Notes
136 0.5 1		Amp Thin calcite filled fractures (1-3mm 9/ft)
137 0.5 1		Amp 13/ft
138 0.5 1		Amp 16+/ft with Qtz + Calcite filled fracture at 138.2' 3mm wide
139 0.5 1		Amp Thin calcite filled fractures 1-2mm
140 0.5 1	Qtz	Qtz vein 45° from core axis, 1/2" wide
141 0.5 1		Amp Thin calcite filled fractures (1-3mm wide 20+/ft)

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 141-146	Box # 11	Run # 31
Date 3-25-21	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
141 0.5 1		Amp Thin calcite filled fractures (1-5mm 8/ft) Qtz filled fracture 1/2" wide, 45° from core axis
142 0.5 1		Amp Thin calcite filled fractures (1-4mm 11/ft)
143 0.5 1		Amp " (5/ft ≤ 1mm wide) "
144 0.5 1		Amp " " Calcite + pyrite mineralized shear zone @ 144' Qtz filled fracture @ ~145' 2mm wide
145 0.5 1		Amp Thin calcite filled fractures (~1mm wide 12/ft)

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 146-151	Box # 11	Run # 32
Date 3-25-21	Core Logger(s) BPO	

Depth	Sketch [fractures, foliation & fold directions]	Notes
146 0.5 1		Amp Thin calcite filled fractures (1-2 mm wide 12/ft)
147 0.5 1		Amp " " Qtz/calcite filled fracture 1/2" wide @ 148'
148 0.5 1		Amp " " 15/ft
149 0.5 1		Amp " " 10/ft
150 0.5 1		Amp " " 14/ft
151		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N YES

Depth Interval (ft) 151-156

Box # 11

Run # 33

Date 3-26-21

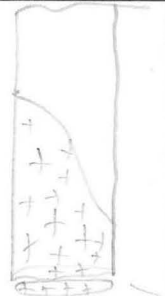
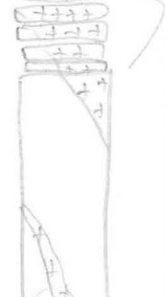


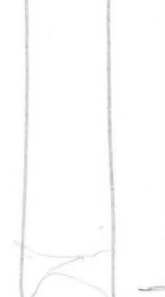
Core Logger(s) BPB

Depth	Sketch [fractures, foliation & fold directions]	Notes
151 0.5 1		Amp Thin calcite filled fractures (1-3mm wide 9/ft)
152 0.5 1		Amp " (11/ft)
153 0.5 1		Amp " (9/ft) Calcite mineralized shear zone 153.5-153.8'
154 0.5 1		Amp Thin calcite filled fractures (1-3mm wide 12/ft)
155 0.5 1		Amp " 5/ft

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 156-161	Box # 12	Run # 34
Date 3-26-21	Core Logger(s) BJB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
156 0.5 1		Amp + Qtz Qtz filled fracture (~65° from core axis) 2.5" wide Qtz has parallel stress joints perpendicular to core axis (~vertical)
157 0.5 1		Mech. breaks on stress joints Amp + Qtz Minor thin calcite filled fractures 2/ft Qtz filled fracture 3/4" wide, 65° from core axis
158 0.5 1		Amp 158.2-158.5' Porous calcite partially filled fracture < 1mm wide
159 0.5 1		Amp Minor thin calcite filled fractures ~1mm wide 3/ft
160 0.5 1		Amp Mech. breaks

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N *NO*

Depth Interval (ft) 161-166

Box # 12

Run # 35

Date 3-26-21

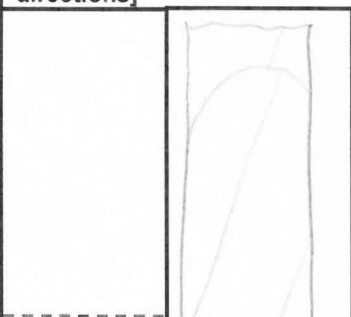
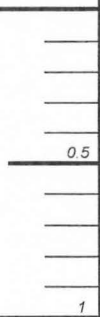
Core Logger(s) CPB

Depth

Sketch [fractures, foliation & fold directions]

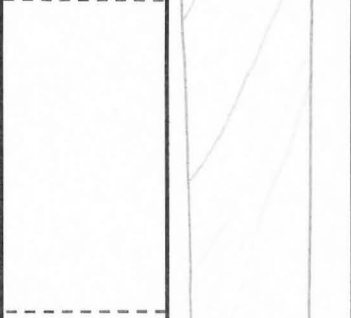
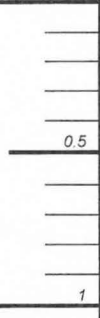
Notes *NOT ORIENTATED WITH RUN 34*

161



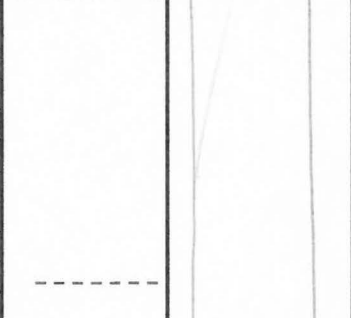
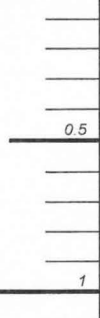
Amp
Massive with minor thin calcite filled fractures (1-3 mm wide 3/4)

162



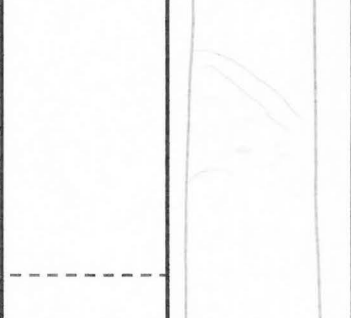
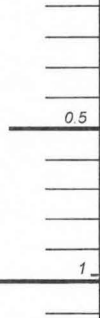
Amp
" (4/4)

163



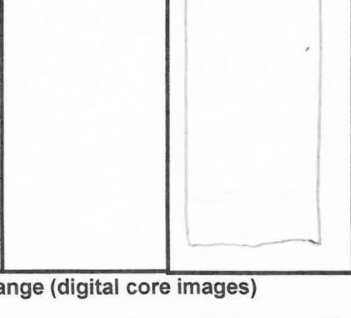
Amp
" (3/4)

164



Amp
"

165



Amp
"

166

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N *NO*






Depth Interval (ft) *166-171*

Box # *12*

Run # *36*

Date *3-26-71*

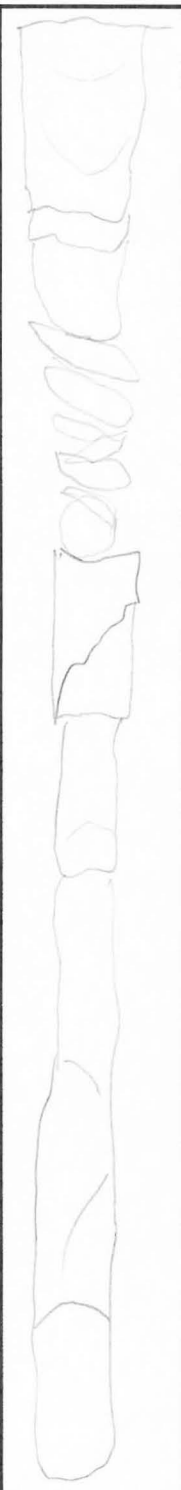
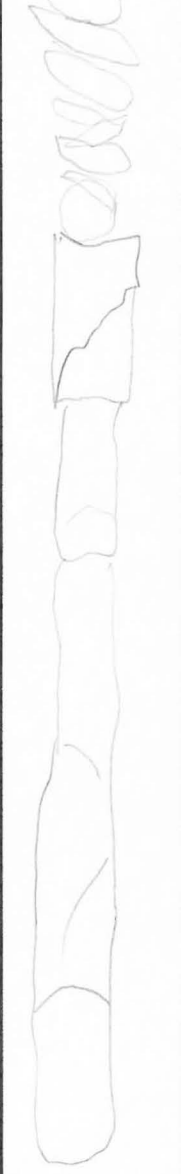

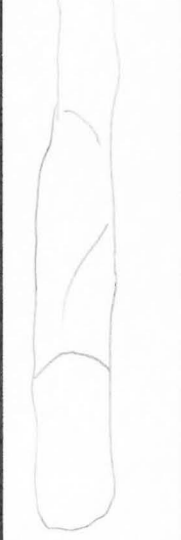
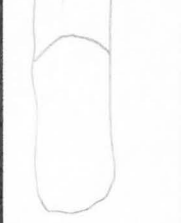
Core Logger(s) *BPB*

Depth	Sketch [fractures, foliation & fold directions]	Notes
166		<i>NOT ORIENTATES WITH RUN 37</i> <i>Amp + Qtz</i> <i>Quartz/Amp breccia zone/filled fracture</i> <i>166.5 - 167.4'</i>
167		<i>Amp + Qtz</i> <i>Thin calcite filled fractures</i>
168		<i>Amp</i> <i>Thin calcite filled fractures minimal</i>
169		<i>Amp</i> <i>Mechanical fractures from reduced stress</i>
170		<i>Amp</i>

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL



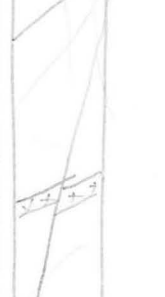



Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N <i>NO</i>
Depth Interval (ft) <i>171-176</i>	Box # <i>13</i>	Run # <i>37</i>
Date <i>3-26-21</i>	Core Logger(s) <i>BFB</i>	

Depth	Sketch [fractures, foliation & fold directions]	Notes
171		<i>Any</i> <i>Thin calcite filled fractures ~2mm wide</i> <i>Mechanical breaks from stuck core in core barrel</i>
172		<i>Any</i> <i>Thin calcite ~1mm wide filled fractures</i>
173		<i>Any</i>
174		<i>Any</i>
175		<i>Any</i>

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N <i>NO</i>
Depth Interval (ft) <i>176-181</i>	Box # <i>13</i>	Run # <i>38</i>
Date <i>3-26-21</i>	Core Logger(s) <i>BPB</i>	

Depth	Sketch [fractures, foliation & fold directions]	Notes
176		<i>NOT ORIENTATED WITH RUN 37</i> <i>Am</i> <i>Thin Calcite filled fractures</i> <i>(1-2mm wide 10/ft)</i>
177		<i>Am</i> <i>“ “ “ “</i> <i>Note: Core axis is parallel to</i>
178		<i>Am</i> <i>“ “ “ “</i> <i>rock fabric, This means many mech. breaks ~parallel</i>
179		<i>Am</i> <i>“ “ “ “</i> <i>to core axis</i>
180		<i>Am</i> <i>“ “ “ “</i>
181		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N <i>YES</i>
Depth Interval (ft) <i>181-186</i>	Box # <i>13</i>	Run # <i>39</i>
Date <i>3-26-21</i>	Core Logger(s) <i>BPB</i>	

Depth	Sketch [fractures, foliation & fold directions]	Notes
<i>181</i> <div> <div>0.5</div> <div>1</div> </div>		<i>Amp</i> <i>Thin calcite filled fractures</i> <i>(1-2mm wide 20+/ft)</i>
<i>182</i> <div> <div>0.5</div> <div>1</div> </div>		<i>Amp</i> <i>" (12/ft)</i>
<i>183</i> <div> <div>0.5</div> <div>1</div> </div>		<i>Amp</i> <i>" (~20/ft)</i>
<i>184</i> <div> <div>0.5</div> <div>1</div> </div>		<i>Amp</i> <i>" (16/ft)</i>
<i>185</i> <div> <div>0.5</div> <div>1</div> </div>		<i>Amp</i> <i>" (18/ft)</i>

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 186-191	Box # 14	Run # 40
Date 3-26-21	Core Logger(s) BPG	

Depth	Sketch [fractures, foliation & fold directions]		Notes
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EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 191-196	Box # 14	Run # 41
Date 3-26-21	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
191 0.5 1		Amp Thin calcite filled fractures (1/4 mm wide 5/ft)
192 0.5 1		Amp " (8/ft)
193 0.5 1		Amp " (11/ft)
194 0.5 1		Amp " (9/ft)
195 0.5 1		Amp " (12/ft)
196	Filename range (digital core images)	


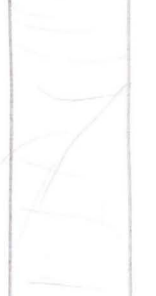



EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N <i>NO</i>
Depth Interval (ft) 196-201	Box # 14	Run # 42
Date 3-29-21	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
196		<i>Mech. breaks</i> Amp Thin calcite filled fractures (~1mm wide, 4/ft')
197		Amp (9/ft) Qtz filled fracture 1/2" wide 60° from core axis
198		Amp Qtz filled fracture 3" wide, 30° from core axis
199		Amp Thin calcite filled fractures (~1mm wide 6/ft)
200		Amp Drilling issues, Poor recovery 200.3-201' Thin calcite filled fractures (1-2mm wide 10+/ft)
201	Filename range (digital core images)	

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 201-206	Box # 15	Run # 43
Date 3-29-21	Core Logger(s) GJB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
201 0.5 1		Amp Calcite filled fractures (1-5mm wide 20+/ft)
202 0.5 1		Amp " (1-2mm wide, 20+/ft) "
203 0.5 1		Amp " (14/ft) "
204 0.5 1		Amp " (10/ft) "
205 0.5 1		Amp " (11/ft) "
206		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 206-211	Box # 15	Run # 44
Date 3-29-21	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
206		Amp Thin Calcite filled fractures (~1mm wide 2/ft)
0.5		Quartz filled fractures 4mm wide @ ~206.5
1		
207		Amp " (8/ft)
0.5		
1		
208		Amp " (4/ft)
0.5		
1		
209		Amp " (8/ft)
0.5		
1		Mech. breccia
210		" (3/ft)
0.5		
1		
211	Filename range (digital core images)	

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 211-216	Box # 15	Run # 45
Date 3-29-21	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
211 0.5 1		Amp Thin calcite filled fractures (1-2mm wide 8/ft)
212 0.5 1		Amp " (6/ft)
213 0.5 1		Mech. breaks Amp " 6/ft
214 0.5 1		Amp " (~10/ft)
215 0.5 1		Poor recovery → ★ NOTE: Mechanical breaks/poor recovery due to drilling problems: Core is shearing when drilled, and getting stuck, also catcher is not breaking core at bottom of run
216	Filename range (digital core images)	

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL


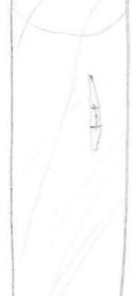


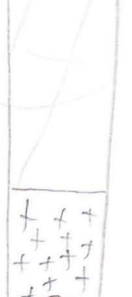
Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N <i>NO</i>
Depth Interval (ft) <i>216-221</i>	Box # <i>16</i>	Run # <i>46</i>
Date <i>3-29-21</i>	Core Logger(s) <i>BPB</i>	

Depth	Sketch [fractures, foliation & fold directions]	Notes
216 0.5 1		<i>Not oriented with Run 45</i> <i>Amp</i> <i>Thin calcite filled fractures (1-2mm wide, 20+/ft)</i>
217 0.5 1		<i>Amp</i> <i>" (9/ft)</i> <i>2mm wide Qtz filled fracture 217.2'</i>
218 0.5 1		<i>Amp</i> <i>Thin calcite filled fractures (1-2mm wide, 20+/ft)</i>
219 0.5 1		<i>Amp</i> <i>"</i>
220 0.5 1		<i>Amp</i> <i>"</i>
221		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 221-226	Box # 16	Run # 47
Date 3-29-21	Core Logger(s) BPR	

Depth	Sketch [fractures, foliation & fold directions]	Notes
221 0.5 1		Amp Thin calcite filled fractures (1-2mm wide, 20+/ft) Minor Qtz
222 0.5 1		Amp " (12+/ft) Minor Qtz
223 0.5 1		Amp " (15+/ft)
224 0.5 1		Amp " (11+/ft)
225 0.5 1		Amp + Qtz Quartz from 225.5 - 226'
226	Filename range (digital core images)	

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N *NO*

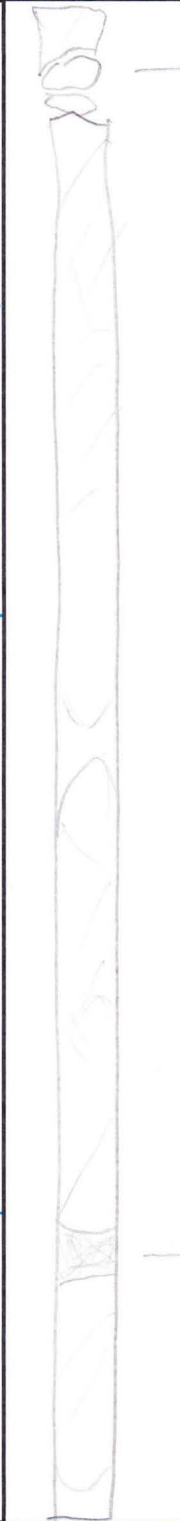
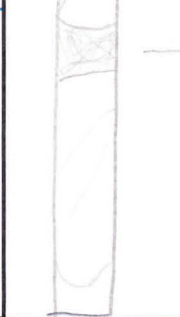
Depth Interval (ft) 226-231

Box # 16

Run # 48

Date 3-30-21

Core Logger(s) BPR

Depth	Sketch [fractures, foliation & fold directions]	Notes
226 0.5 1		<i>Not orientated with run 47</i> Amp Thin calcite filled fractures (1-3 mm wide, G+/ft)
227 0.5 1		Amp " (13/ft)
228 0.5 1		Amp " (9/ft)
229 0.5 1		Amp " (12/ft)
230 0.5 1		Amp " (10/ft) Healed shear zone/breccia 230.-230.2' Qtz, calcite, Amp, feldspar present in zone

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N <i>YES</i>
Depth Interval (ft) <i>231-236</i>	Box # <i>17</i>	Run # <i>49</i>
Date <i>3-30-21</i>	Core Logger(s) <i>BPB</i>	

Depth	Sketch [fractures, foliation & fold directions]	Notes
231 0.5 1		Amp Thin Calcite filled fractures (1-3mm wide, 20+/ft)
232 0.5 1		Amp " (12/ft)
233 0.5 1		Amp " (15/ft)
234 0.5 1		Amp " (15/ft) Qtz filled fracture @ 234.5' (~1/2" wide)
235 0.5 1		Amp Thin calcite filled fractures ~1mm wide Qtz at end of run
236		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

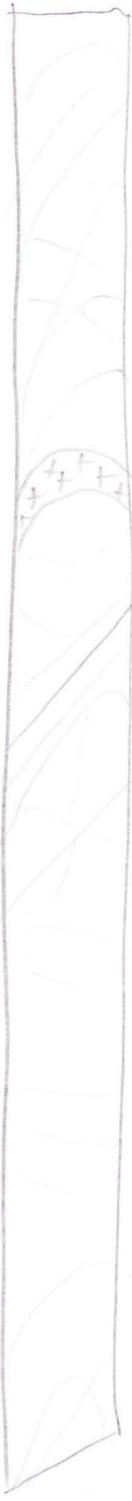
Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N <i>NO</i>
Depth Interval (ft) <i>236-241</i>	Box # <i>12</i>	Run # <i>50</i>
Date <i>8-30-21</i>	Core Logger(s) <i>BPB</i>	

Depth	Sketch [fractures, foliation & fold directions]	Notes
230 0.5 1		<i>Not orientated with run 49</i> <i>Amp</i> <i>Thin calcite filled fractures</i> <i>(1-2mm wide, 10/ft)</i>
232 0.5 1		<i>Amp</i> <i>" (5/ft)</i>
238 0.5 1		<i>Amp</i> <i>" (5/ft)</i>
239 0.5 1		<i>Amp</i> <i>" (7/ft)</i>
240 0.5 1		<i>Amp</i> <i>" (4/ft)</i>
241		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2	Borehole ID E-2 TU	Scribed (red line)? Y/N YES
Depth Interval (ft) 241-246	Box # 17	Run # 51
Date 9-30-21	Core Logger(s) BPPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
241		<p>Amp</p> <p>Thin calcite filled fractures, (2mm wide, 8/ft)</p>
242		<p>Amp</p> <p>((3/ft))</p> <p>1" wide Qtz filled fracture @ 242.6'</p>
243		<p>Amp</p> <p>((8/ft))</p>
244		<p>Amp</p> <p>((6/ft))</p>
245		<p>Amp</p> <p>((7/ft))</p>
246	Filename range (digital core images)	

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # Test Bed 2

Borehole ID E-2 TU

Scribed (red line)? Y/N *NO*

Depth Interval (ft) *246-251*

Box # *18*

Run # *52*


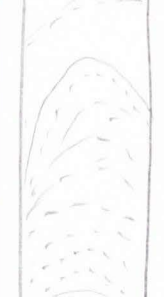


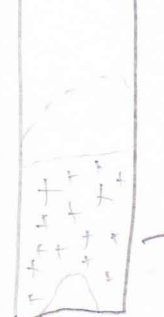
Date *3-30-21*

Core Logger(s) *BPB*

Depth

Sketch [fractures, foliation & fold directions]

Notes *Not orientated with Run 51*

246	0.5	1		Amp with non-mineralized shear zones
247	0.5	1		Amp Non-mineralized shear zone
248	0.5	1		Amp /
249	0.5	1		Amp /
250	0.5	1		Amp with Quartz 250.5'

Filename range (digital core images)

END CORE RUN 251'