


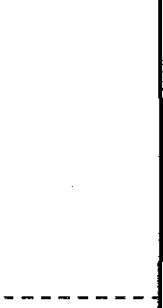



EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 0-3	Box # 1	Run # 1
Date 2-9-21	Core Logger(s) BPD	

Depth	Sketch [fractures, foliation & fold directions]	Notes
		<p>Amp</p> <p>thin calcite filled fractures (6+/ft)</p> <p>minor quartz and calcite in one fracture 2mm thick</p> <p>non-mineralized zone of Amp .5' - 1.4'</p>
		<p>Amp</p> <p>thin calcite filled fractures 1-2mm thick</p>
	<p>← Non-mineralized zone</p>	<p>Amp</p> <p>Non-mineralized ^{shear} zone, parallel foliation</p> <p>Quartz + calcite mixed in filled fractures</p> <p>thin calcite filled fractures ≤ 1mm</p>
		
		

Filename range (digital core images)

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

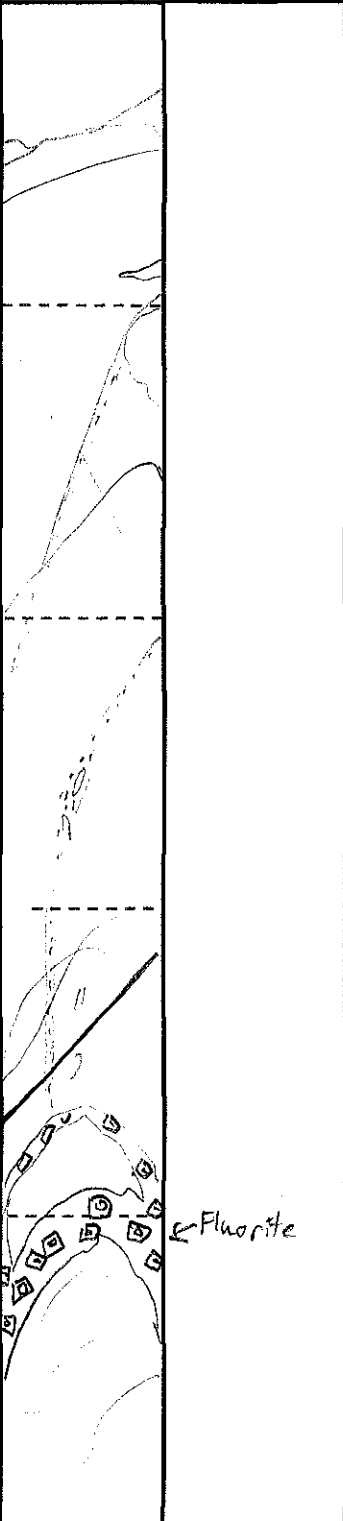
Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 3-7	Box # 1	Run # 2
Date 2-9-21	Core Logger(s) DRP	

Depth	Sketch [fractures, foliation & fold directions]	Notes
<div> <div>0.5</div> <div>1</div> </div>		<p>Calcite stringer ^{3'-4.5'} Non-mineralized shear zone, parallel grains, micro-fractures (not mineral filled)</p> <p>Amp</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp Quartz with some mixed calcite Calcite filled micro fractures $\leq 2\text{mm}$</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp Calcite filled micro fractures $\leq 1\text{mm}$</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp Calcite filled micro fractures $\leq 1\text{mm}$</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp Calcite filled micro fractures</p>

Filename range (digital core images)

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



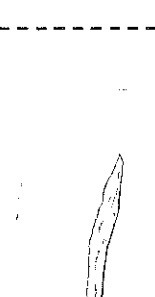

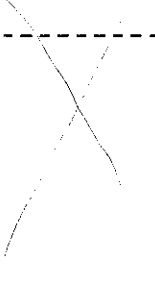
Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 7-12	Box # 1	Run # 3
Date 2-10-21	Core Logger(s) DPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
		<p>Amp</p> <p>thin calcite filled fractures $\leq 1\text{mm}$</p>
		<p>Amp</p> <p>thin calcite filled fractures $\leq 2\text{mm}$ wide</p> <p>non-mineralized shear zone $1 - 1.4'$</p>
		<p>Amp</p> <p>thin calcite filled fractures $\leq 1\text{mm}$ wide</p> <p>non-mineralized shear zone $2.1 - 3.7'$</p>
		<p>Amp</p> <p>thin - calcite filled fractures</p> <p>Fluorite filled fracture at $3.8' - 4.5'$</p>
		<p>Amp</p> <p>thin calcite filled fractures $\leq 1\text{mm}$ wide</p>

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 12-17'	Box # 2	Run # 4
Date 2-10-21	Core Logger(s) BPP	

Depth	Sketch [fractures, foliation & fold directions]	Notes
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp</p> <p>Quartz + calcite filled fracture that was sheared and healed</p> <p>thin calcite filled fractures</p> <p>thin partially filled calcite fractures (porosity)</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp</p> <p>thin calcite filled fractures ≤ 2 mm wide</p> <p>pyrite in non-mineralized shear zone 1.6'-2.4'</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp</p> <p>Non-mineralized shear zone $\approx 1.5' - 3.5'$</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp</p> <p>thin calcite filled fractures</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp</p> <p>thin calcite filled fractures</p>

Filename range (digital core images)

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


Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 17-21'	Box # 2	Run # 5
Date 2-10-21	Core Logger(s) CRAB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp</p> <p>thin calcite filled fractures ~1mm</p> <p>Non-mineralized zone with pyrite 0.6-1.5'</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp</p> <p>thin calcite filled fractures ≤2mm</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp</p> <p>thin calcite filled fractures</p> <p>Non-mineralized Shear zone with minor pyrite</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp</p> <p>thin calcite filled fractures</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 # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 21-22	Box # 2	Run # 5A
Date 2-15-2021	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
<div> <div>0.5</div> <div>1</div> </div>		<p><i>Amp</i></p> <p><i>Non-mineralized shear zone ~15° from core axis</i></p> <p><i>this calcite filled fractures 1-2mm thick (7/ft)</i></p>
<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>		
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Filename range (digital core images)

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

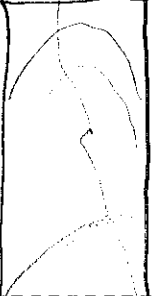
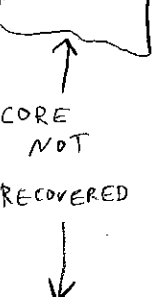
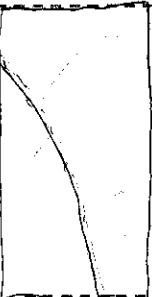


Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 22-24	Box # 2	Run # 5B
Date 2-15-2021	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
<div> <div>0.5</div> <div>1</div> </div>	 <p>← porous fracture</p>	<p>Amp</p> <p>Calcite filled micro fractures (7/ft) 1mm thick</p> <p>1 porous partially filled calcite fracture 2/1mm thick</p>
<div> <div>0.5</div> <div>1</div> </div>	 <p>← Qtz filled fracture</p>	<p>Amp</p> <p>1-2mm thick Qtz filled fracture orientated 45° from core axis</p>
<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 # E-2	Borehole ID AMU	Scribed (red line)? Y/N NO
Depth Interval (ft) 24-27	Box # 2	Run # 5C
Date 2-15-2021	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
24'		★ Mechanical breaks on core, cannot orientate with previous run. Amp calcite filled fractures 1-5mm wide (6/ft)
25'		Core stuck in barrel, not recovered from 25.20'-26' (0.8')
26'		Amp Calcite filled fractures 1-3mm (9/ft) Calcite filled shear zone 3mm thick 85° from core axis
27'		
		

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 27-32	Box # 3	Run # 6
Date 2-15-2021	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
27 0.5 1		Amp Calcite filled fractures ~1 mm wide (9/ft)
28 0.5 1		Amp Calcite filled fractures ~1 mm wide (3/ft)
29 0.5 1		Amp Calcite filled fractures ~1-4 mm (5/ft)
30 0.5 1		Amp Quartz + Amp filled fracture 65° from core axis
31 0.5 1		Amp Calcite filled fractures 1 mm wide 7/ft
32		

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 32-37'	Box # 3	Run # 7
Date 2-15-2021	Core Logger(s) BPD	

Depth	Sketch [fractures, foliation & fold directions]	Notes
32		Amp Thin calcite filled fractures <1mm (10/ft)
33		Amp Thin calcite filled fractures 1-3mm wide, Quartz + Amp filled shear zones
34		Amp Calcite filled fractures 1-3mm wide (5/ft)
35		Amp Thin calcite filled fractures ~1mm wide (4/ft)
36		Amp Isoclinal folded Qtz/calcite filled fracture 2-3mm wide @ 36.8'

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 37-42'	Box # 3	Run # 8
Date 2-15-2021	Core Logger(s) BPP	

Depth	Sketch [fractures, foliation & fold directions]	Notes
37 0.5 1		Amp Minor Qtz and calcite filled fractures
38 0.5 1		Amp Minor calcite filled fractures ~1 mm wide
39 0.5 1		Pyrite filled shear zone + calcite
40 0.5 1		Amp and lampophyre Amp with feldspar (pink) and Quartz (lampophyre), with pyrite throughout
41 0.5 1		Amp and lampophyre Note: examination of the core shows that the section described here has a cataclastic texture where Qtz has been comminuted to medium size rounded grains and the amphibolite similarly was micro-brecciated. This occurrence has been interpreted as a fault gouge.
42 0.5 1		Amp One section of Amp + feldspar and Quartz (lampophyre)

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 42-47	Box # 4	Run # 9
Date 2-15-2021	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
42		Amp thin calcite filled fractures ≤ 1 mm wide (10/ft)
43		Amp and lampophyre Amp with Qtz and plagioclase feldspar (lampophyre)
44		Amp Calcite filled fractures (4/ft) ≤ 2 mm wide
45		Amp thin calcite filled fractures (3/ft) ≤ 1 mm wide porous partially filled fracture 1 mm wide 45.3-45.9'
46		Amp //
47		

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 47-52	Box # 4	Run # 10
Date 2-15-2021	Core Logger(s) BBB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
47 0.5 1		Amp Thin calcite filled fractures 1-2 mm wide (3/ft)
48 0.5 1		Amp "
49 0.5 1		Amp Non-mineralized shear zone thin calcite filled fractures ≤ 1 mm
50 0.5 1		Amp thin calcite filled fractures (4/ft)
51 0.5 1		Amp "
52 0.5 1		Amp "
Filename range (digital core images)		

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

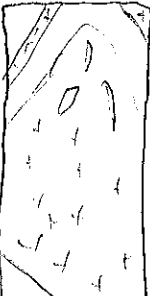
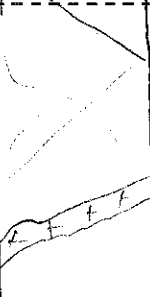
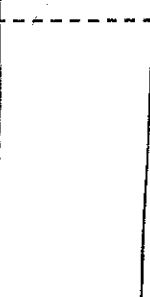



Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 52-57	Box # 4	Run # 11
Date 2-18-2021	Core Logger(s) .BFB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
52 0.5 1		Amp Minor thin calcite ~1mm wide Non-mineralized shear zone @ 1'
53 0.5 1		Amp + Qtz minor thin calcite ≤1mm wide filled fractures
54 0.5 1		Quartz with minor calcite & cement mix
55 0.5 1		Quartz with minor calcite
56 0.5 1		Quartz with minor calcite
57		

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 57-62'	Box # 5	Run # 12
Date 2-16-2021	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
57 0.5 1		Qtz + Amp Quartz with amphibolite, brecciated 57-57.4'
58 0.5 1		Amp with thin calcite filled fractures, Quartz fracture @ 58.6', 1.5cm wide, 30° orientation from core axis
59 0.5 1		Amp Thin calcite filled fractures, 1-2mm wide (5/ft)
60 0.5 1		Amp "
61 0.5 1		Amp "
62 0.5 1		Amp "

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 62-67'	Box # 5	Run # 13
Date 2-16-2021	Core Logger(s) BPB	

62


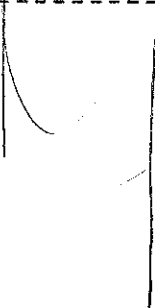


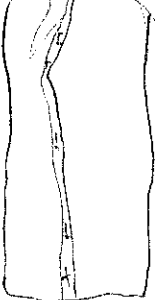
63

64

65

66

67

Depth	Sketch [fractures, foliation & fold directions]	Notes
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp with Qtz nodules with minor thin calcite filled micro fractures ≤ 1mm wide</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp with minor calcite filled fractures ≤ 1mm - 2mm wide</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp with partially mineralized shear zones with calcite infill.</p>
<div> <div>0.5</div> <div>1</div> </div>	 <p>← Mech. break on Qtz vein</p>	<p>Amp Amp. fold where foliation is parallel to core axis = friable, less indurated for this reason only. (mechanical breaks) 5mm Qtz vein parallel to axis</p>
<div> <div>0.5</div> <div>1</div> </div>		<p>Amp Qtz vein, parallel to core axis, 1cm wide, minor calcite cement</p>

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 67-72	Box # 5	Run # 14
Date 2-16-2021	Core Logger(s) BPD	

67

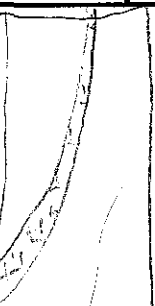

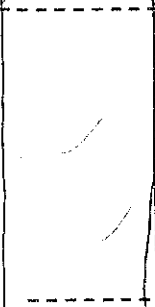


68

69

70

71


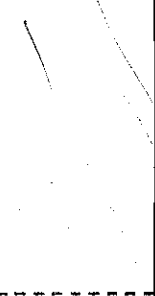

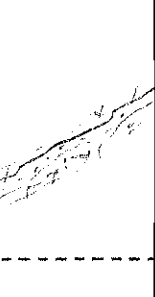
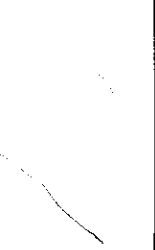
72

Depth	Sketch [fractures, foliation & fold directions]	Notes
		<p>Amp</p> <p>with Quartz veins orientated 70° from core axis, up to 2 cm wide</p>
	<p>← Mech. break</p>	<p>Amp</p> <p>Non-mineralized shear zone with Mech. breaks</p>
		<p>Amp</p> <p>with rather thin calcite filled fractures ~1 mm wide</p>
		<p>Amp</p>
	<p>← mech. breaks and distortion</p>	<p>Mech. breaks from coring</p> <p>Amp</p>

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N No
Depth Interval (ft) 72-77	Box # 5	Run # 15
Date 2-16-2021	Core Logger(s) BPD	

Depth	Sketch [fractures, foliation & fold directions]	Notes
72		Cannot orientate with Run 14 Amp with thin calcite filled fractures (15+/ft)
73		Amp " (10/A) "
74		Amp " Qtz filled fracture 1cm wide (74.5')
75		Amp Many thin calcite filled fractures ~1mm wide Non-mineralized shear zone with Quartz mineralized on outer edges
76		Amp thin calcite filled fractures, ≤1mm, some slightly porous
77		

Filename range (digital core images)

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

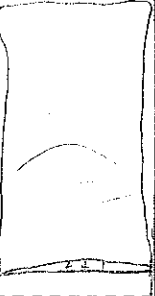

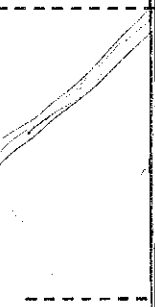
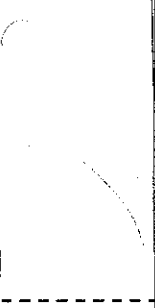


Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 77-82	Box # 6	Run # 16
Date 2-16-2021	Core Logger(s) BPP	

Depth	Sketch [fractures, foliation & fold directions]	Notes
77 0.5 1		Amp Thin calcite filled fractures 1-2 mm wide
78 0.5 1		Amp "
79 0.5 1		Amp "
80 0.5 1		Amp "
81 0.5 1		Amp Non-mineralized shear zone, 1 cm wide
82		

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 82-87	Box # 6	Run # 12
Date 2.16.2021	Core Logger(s) BGPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
82 0.5 1		Amp Minor thin calcite filled fractures 1-2 mm (6/ft) 6mm wide Qtz calcite filled fracture
83 0.5 1		Minor thin calcite filled fractures (~4 mm wide)
84 0.5 1		Calcite filled shear zone, slightly porous,
85 0.5 1		thin calcite filled fractures, (~3 mm wide) (5/ft)
86 0.5 1		7/ft
87		Qtz at very end of run

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 87-92	Box # 7	Run # 18
Date 2-16-2021	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
87 0.5 1		Amp Thin calcite filled micro-fractures ~1mm wide
88 0.5 1		Amp "
89 0.5 1		Amp + Qtz " with 3cm Quartz vein
90 0.5 1		Qtz Quartz vein, 60° from core axis thick, mostly homogeneous with some Amp stringers
91 0.5 1		Qtz "
92 0.5 1		Qtz " Mech. breaks

Filename range (digital core images)

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



Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 92-97	Box # 7	Run # 19
Date 2-16-2021	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
92 0.5 1		Qtz Quartz vein 60° from core axis
93 0.5 1		Qtz "
94 0.5 1		Amp + Qtz Amp with thin calcite filled fractures, 1-3 mm wide
95 0.5 1		Amp " non-mineralized shear zone
96 0.5 1		Amp thin calcite filled fractures 1-2 mm wide
97		

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N
Depth Interval (ft) 97-102	Box # 7	Run # 20
Date 2-16-2021	Core Logger(s) PPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
97 0.5 1		Amp Thin calcite filled fractures ~1mm wide
98 0.5 1		Non-mineralized shear zone, porous, with pyrite Amp Thin calcite filled fractures 1-2 mm wide
99 0.5 1		Amp
100 0.5 1		Amp
101 0.5 1		Amp
Filename range (digital core images)		

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 102-107	Box # 8	Run # 21
Date 2-16-2021	Core Logger(s) BFB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
102 0.5 1		Amp Many thin ~1mm calcite filled fractures
103 0.5 1		Amp " " with calcite filled shear zone
104 0.5 1		Amp Calcite filled fractures ≤ 1 mm (many)
105 0.5 1		Amp " " with Qtz/calcite filled fracture
106 0.5 1		Amp " " Qtz/calcite filled fracture = 2cm wide
107		

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 107-112	Box # 8	Run # 22
Date 2-16-2021	Core Logger(s) BPD	

Depth	Sketch [fractures, foliation & fold directions]	Notes
107 0.5 1		Amp Quartz with calcite and pyrite filled fracture ~4mm thick thin calcite filled fractures <1mm wide
108 0.5 1		Amp thin calcite filled fractures <1mm thick
109 0.5 1		Amp "
110 0.5 1		Quartz filled fracture @ 109.9'
111 0.5 1		Amp "
112 0.5 1		Amp "

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 112-117	Box # 8	Run # 23
Date 2-16-2021	Core Logger(s) BPD	

Depth	Sketch [fractures, foliation & fold directions]	Notes
112 0.5 1		Amp Thin calcite filled fractures ~1mm wide (many)
113 0.5 1		Amp thin calcite filled fractures ~1mm wide 1.3 cm wide Quartz filled fracture with minor brecciated amphibolite/Qtz
114 0.5 1		Amp thin calcite filled fractures ~1mm wide
115 0.5 1		Amp "
116 0.5 1		Amp "

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 117-122	Box # 9	Run # 24
Date 2-16-2021	Core Logger(s) BPD	

Depth	Sketch [fractures, foliation & fold directions]	Notes
117 0.5 1		Amp Minor thin calcite filled fractures ≤ 1 mm wide 1.5 cm wide Quartz + Pyrite filled fracture
118 0.5 1		Amp Minor thin calcite filled fractures ≤ 1 mm wide
119 0.5 1		Amp "
120 0.5 1		Amp "
121 0.5 1		Amp "
122 0.5 1		Amp "

Filename range (digital core images)

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



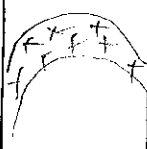

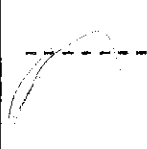

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N <i>NO</i>
Depth Interval (ft) <i>122-127'</i>	Box # <i>9</i>	Run # <i>25</i>
Date <i>2-16-2021</i>	Core Logger(s) <i>BPD</i>	

Depth	Sketch [fractures, foliation & fold directions]	Notes
122		<i>CANNOT ORIENTATE CORE WITH RUN 24</i> <i>Amp</i> <i>Minor thin calcite filled fractures ~1mm wide</i>
123		<i>Amp</i> <i>calcite</i>
124		<i>Amp</i>
125		<i>Amp</i>
126		<i>Amp</i> <i>mech. breaks</i>
127		<i>Amp</i> <i>Quartz sill/filled fracture, with calcite</i>

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	^{Orientation} Sealed (red line)? Y/N YES
Depth Interval (ft) 127-132	Box # 9	Run # 26
Date 2-18-2021	Core Logger(s) DPB, JK (Respec)	

Depth	Sketch [fractures, foliation & fold directions]	Notes
127		Amp Thin calcite filled fractures
128		Calcite mineralized shear zone 127.7 - 128.3' with Qtz
129		Amp Qtz/calcite filled fracture 1.5cm wide
130		Amp Thin calcite filled fractures 1-3mm wide
131		Amp Calcite at 130.6 - 131.3'
132		Amp Thin calcite filled fractures
Filename range (digital core images)		

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 132-137	Box # 10	Run # 27
Date 2-18-2021	Core Logger(s) DPB, TK	

Depth	Sketch [fractures, foliation & fold directions]	Notes
132 0.5 1		Amp Thin calcite filled fractures 1-3mm wide (7/ft)
133 0.5 1		Amp ll Qtz/calcite vein 5mm wide
134 0.5 1		Amp Minor thin calcite filled fractures ~1mm wide
135 0.5 1		Amp ll lc
136 0.5 1		Amp ll lc
137 0.5 1		Amp ll lc
Filename range (digital core images)		

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



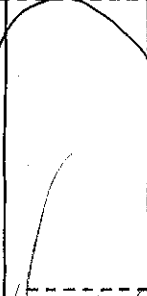
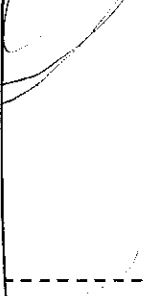


Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 137-142	Box # 10	Run # 28
Date 2-18-2021	Core Logger(s) BAB, JIK	

Depth	Sketch [fractures, foliation & fold directions]	Notes
137 0.5 1		Amp Thin calcite filled fractures (~2mm)
138 0.5 1		Amp "
139 0.5 1		Amp "
140 0.5 1		Amp " Qtz/calcite filled vein 1cm wide
141 0.5 1		Amp Thin calcite filled fractures Mostly calcite vein, a little Qtz ≤ 1cm wide
142		

Filename range (digital core images)

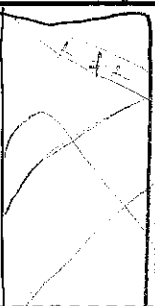
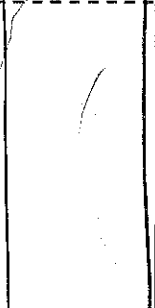
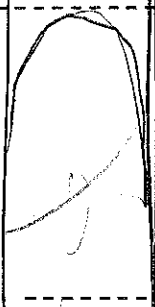
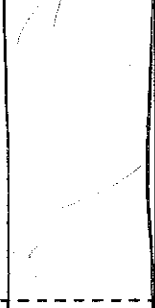
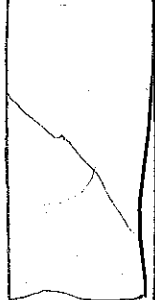
EGS SIGMA-V Collab ROCK CORE LOG, SURF 4100' LEVEL

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 142-147	Box # 10	Run # 29
Date 2-18-2021	Core Logger(s) BBB JH	

Depth	Sketch [fractures, foliation & fold directions]	Notes
142		Amp Qtz/calcite vein Thin calcite filled fractures ~1-2 mm wide (5/ft)
143		Amp " "
144		Amp " " Porous fracture at 2'
145		Amp " "
146		Amp " "
147		
Filename range (digital core images)		

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

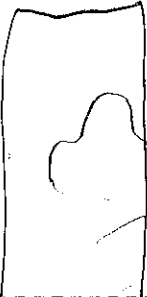
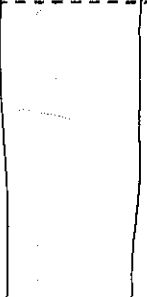


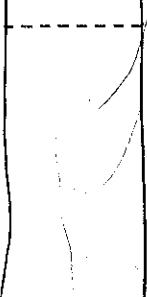
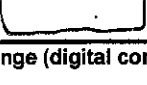
Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 147-152	Box # 11	Run # 30
Date 2-18-2021	Core Logger(s) BPP, JK	

Depth	Sketch [fractures, foliation & fold directions]	Notes
147		Amp Calcite + Pyrite filled fractures, 1-2mm wide This calcite filled fractures ≤ 1 mm wide 7mm wide Qtz vein
148		Amp --
149		Amp --
150		Amp --
151		Amp Calcite filled fractures 1-3mm wide

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 152-157	Box # 11	Run # 31
Date 2-18-2021	Core Logger(s) DPB, JH	

Depth	Sketch [fractures, foliation & fold directions]	Notes
152		Amp Thin calcite filled fractures 1-3mm wide,
153		Amp "
154		Amp "
155		Amp " Qtz with a little pyrite infilled fracture
156		Amp "
157		

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 157-162	Box # 11	Run # 32
Date 2-18-2021	Core Logger(s) BPD	

Depth	Sketch [fractures, foliation & fold directions]	Notes
157		Amp Thin calc filled fractures 1-2mm wide (~6/ft)
158		Amp "
159		Amp "
160		Amp "
161		Amp "
162		Amp "

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 162-187	Box # 12	Run # 33
Date 2-18-2021	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
<div>62</div> <div>0.5</div> <div>1</div>		<div>Amp</div> <div>Thin calcite filled fractures, with pyrite</div>
<div>63</div> <div>0.5</div> <div>1</div>		<div>Amp</div> <div>"</div>
<div>64</div> <div>0.5</div> <div>1</div>		<div>Amp</div> <div>"</div>
<div>65</div> <div>0.5</div> <div>1</div>		<div>Amp</div> <div>Non-mineralized shear zones parallel to each other, foliated with pyrite</div>
<div>66</div> <div>0.5</div> <div>1</div>		<div>Amp</div> <div>"</div>

Filename range (digital core images)

1425

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 167-172	Box # 12	Run # 34
Date 2-18-2021	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
167		Amp Pyrite with calcite filled fractures, parallel at 70° to core axis
168		Amp Thin calcite filled fractures, ≤1mm wide 1 porous partially calcite filled fracture
169		Amp Calcite filled fractures 1-5mm wide
170		Amp 1mm-2cm wide
171		Amp 1-5mm wide
172		
Filename range (digital core images)		

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 172-177	Box # 12	Run # 35
Date 2-18-2021	Core Logger(s) BPD	

Depth	Sketch [fractures, foliation & fold directions]	Notes
172 0.5 1		Amp Qtz/calcite filled veins/fractures ~1.5 cm wide (x2) Thin calcite filled fractures +/- 2mm wide
173 0.5 1		Amp Thin ~parallel calcite filled fractures
174 0.5 1		Amp " " Qtz/calcite filled fractures
175 0.5 1		Amp Thin calcite filled fractures ~1mm wide
176 0.5 1		Amp Qtz/calcite filled fracture

Filename range (digital core images)

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

Experiment # **E-2**

Borehole ID **AMU**

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

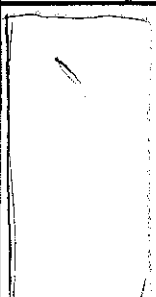
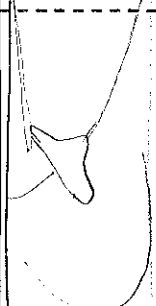
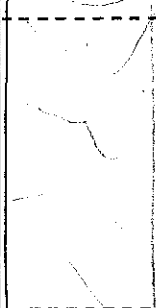
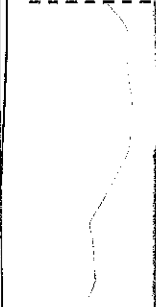
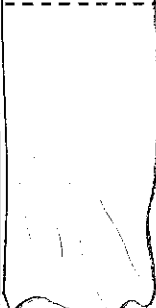

Depth Interval (ft) **177-182**

Box # **13**

Run # **36**

Date **2-18-2021**

Core Logger(s) **BPB**

Depth	Sketch [fractures, foliation & fold directions]	Notes
177		Amp Calcite filled fractures, 1-4 mm wide, (2/ft)
178		Amp " (4/ft)
179		Amp " 3/ft
180		Amp " 2/ft
181		Amp " 3/ft
182		

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 182-187	Box # 13	Run # 37
Date 2-18-2021	Core Logger(s) BPB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
182		Amp Quartz + calcite filled vein ~ 1cm wide
183		Amp Calcite filled fracture with minor pyrite, 2mm wide 1.3' long
184		Amp
185		Amp Thin calcite filled fracture/bedding planes
186		Amp foliated parallel layers of Amp and Amp with calcite Qz + calcite filled fracture
187		

Filename range (digital core images)

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

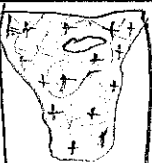
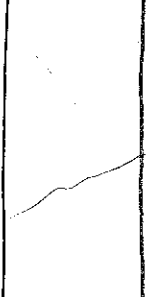



Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 187-192	Box # 13	Run # 38
Date 2-18-2021	Core Logger(s) BFB	

Depth	Sketch [fractures, foliation & fold directions]	Notes
187 0.5 1		Amp
188 0.5 1		Amp Thin calcite filled fractures 1-4mm wide
189 0.5 1		Amp " ~ 1mm wide "
190 0.5 1		Amp " "
191 0.5 1		Amp " "
192		

Filename range (digital core images)

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

Experiment # E-2	Borehole ID AMU	Scribed (red line)? Y/N YES
Depth Interval (ft) 192-197	Box # 14	Run # 39
Date 2-18-2021	Core Logger(s) BPO	

Depth	Sketch [fractures, foliation & fold directions]	Notes
192		Amp Breccia Qtz/Amp
193		Amp
194		Amp
195		Amp Calcite filled fracture 1cm wide 60° from core axis
196		Amp Calcite filled fracture ~5mm wide Qtz vein at bottom of core
197	Filename range (digital core images) END OF CORE RUN @ 197'	