

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

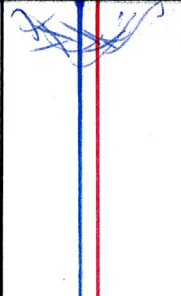
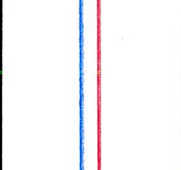
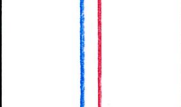
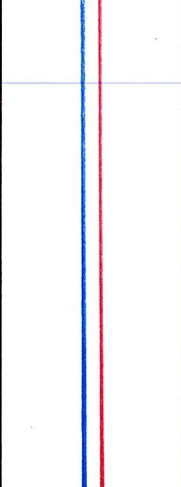
Experiment # 1	Borehole ID E1-PDB	Scribed (red line)? Y/N
Depth Interval (ft) 0-5 FT	Box # 1	Run # 1
Date 6-DEC-2017	Core Logger(s) BROWN	

Depth	Sketch [fractures, foliation & fold directions]	Notes
0.5		
1		
0.5		<p> sulfide filled. ~ 1-2 cm.</p> <p> Qtz ~ 0.5 mm</p> <p> Qtz</p>
1		Rubble
0.5		
1		
0.5		<p> Qtz</p> <p> Qtz</p>
1		
0.5		<p> Qtz fracture</p>
1		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment #	Borehole ID <i>E1-PDB</i>	Scribed (red line)? Y/N <i>NOT matched</i>
Depth Interval (ft) <i>5-10 ft.</i>	Box # <i>1</i>	Run # <i>2</i>
Date <i>6-DEC-2017</i>	Core Logger(s) <i>BROWN</i>	

Depth	Sketch [fractures, foliation & fold directions]	Notes
5 0.5 1		Mostly massive section with very little fracturing
7 0.5 1		Qtz vein "wormy"
8 0.5 1		
9 0.5 1		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment #	1	Borehole ID	E1-PDB	Scribed (red line)?	<input checked="" type="checkbox"/> N
Depth Interval (ft)	10-15'	Box #	1	Run #	3
Date	7-DEC-2017	Core Logger(s)	BROWN		

Depth	Sketch [fractures, foliation & fold directions]	Notes
0	<p>Mechanical Fractures ↓</p>	
1		Qtz vein 2mm bedding
2		
3		Qtz vein @ fracture.
		Qtz 0.25mm.
4		
5		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1-PDB I	Borehole ID E1-PDB	Scribed (red line)? <input checked="" type="checkbox"/> Y/N
Depth Interval (ft) 15-20'	Box # 2	Run # 4
Date 7-DEC-2017	Core Logger(s) BROWN	

Depth	Sketch [fractures, foliation & fold directions]	Notes
0.5 1		<p>No mechanical breaks fairly homogeneous. small amounts of sulfide.</p>
0.5 1		
0.5 1		
0.5 1		
0.5 1		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment #	1	Borehole ID	E1-PDB	Scribed (red line)? Y/N	Last Line
Depth Interval (ft)	20-25	Box #	4	Run #	5
Date	12-7-2017	Core Logger(s)	BROWN		

Depth	Sketch [fractures, foliation & fold directions]	Notes
0.5		fine grained little texture/foliation
1		
0.5		
1		
0.5		
1		
0.5		
1		
0.5		to more foliation at last rl.ft. Graphic at fracture.
1		

Filename range (digital core images)

EGS COLLAB PROJECT CORE LOG, SURF 4850' LEVEL

HOLE: E1-PDR DATE: 12-7-2017 LOGGER: BROWN
 RUN: 6 SCRIBED (Y/N): HEAD DRILLER:

25
26
27
28
29
30

DEPTH	CORE SKETCH	NOTES
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		

Qtz vein 0.25 mm

mechanical break

Minor sulfides.

mechanical break

END is pyrite mineralized.

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # 1	Borehole ID E1-PDB	Scribed (red line)? Y/N
Depth Interval (ft) 30-35'	Box # 3	Run # 7
Date 7-DEC-2017	Core Logger(s) BROWN	

Depth	Sketch [fractures, foliation & fold directions]	Notes
0.5		
1		
0.5		<p>Qtz fracture v. thin w. 0.1 mm</p> <p>Mechanical fracture.</p> <p>1cm wide Qtz + Pyrite.</p>
1		
0.5		Mechanical fracture.
1		
0.5		mech. fracture.
1		
0.5		
1		

Filename range (digital core images)

EGS COLLAB PROJECT CORE LOG, SURF 4850' LEVEL

HOLE: E1-PDB DATE: 12/7/2017 LOGGER: BROWN
 RUN: 8 35-40' cont'd red scribe (Y/N): HEAD DRILLER:

DEPTH	CORE SKETCH	NOTES
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		Qtz vein 0.25 mm + pyrite.
0.2		
0.3		Mechanical fracture
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		Mechanical fracture but mineralized with Qtz + Pyrite + graphite?
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		

EGS COLLAB PROJECT CORE LOG, SURF 4850' LEVEL

HOLE: E1-PDB DATE: 7-DEC-2017 LOGGER: BROWN
 RUN: 9 40-45 cont'd red scribe (Y/N): HEAD DRILLER:

DEPTH	CORE SKETCH	NOTES
40 0.1		Weakly foliated
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
41 0.1		Quartz v. veg. ¹ was 5 mm wide 1.8 m long.
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
42 0.1		- fractured @ Qtz vein 0.5 mm
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
43 0.1		fractured at Qtz vein 0.25 mm
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
44 0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
45 0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		

EGS COLLAB PROJECT CORE LOG, SURF 4850' LEVEL

HOLE: 51 POB DATE: 7-DEK-2017 LOGGER: BROWN
 RUN: 10 cont'd red scribe (Y/N): HEAD DRILLER:

45
46
47
48
49
50

DEPTH	CORE SKETCH	NOTES
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		

Mech. fracture
Sulfide mineralization

Mech. ~~fracture~~ fracture

Mech. fracture.

Az vein ~ 1cm thick
+ sulfides.

EGS COLLAB PROJECT CORE LOG, SURF 4850' LEVEL

HOLE: EL-PDB DATE: 7-DEC-2017 LOGGER: BROWN
 RUN: 11 50-55 ft. cont'd red scribe (Y/N): HEAD DRILLER:

DEPTH	CORE SKETCH	NOTES
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		

Strong foliation below 0.1 ft and to 5 ft.

Mechanical fracture

Mechanical fracture

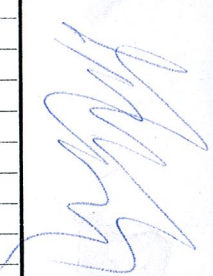
Mechanical fracture

50
51
52
53
54
55

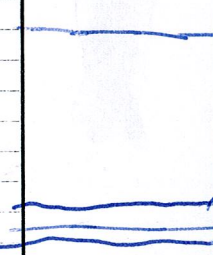
EGS COLLAB PROJECT CORE LOG, SURF 4850' LEVEL

HOLE: E1 PDB DATE: 7-Dec-2017 LOGGER: BROWN
 RUN: 12 55-60 cont'd red scribe (Y/N): HEAD DRILLER:

DEPTH	CORE SKETCH	NOTES
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		



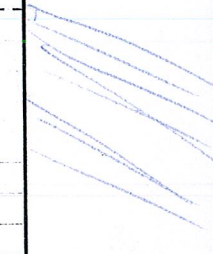
Complex
Foliation.



Mechanical fracture.



Calcite + Pyrite vein
Mechanical fracture



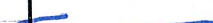
Bedding



Foliation



mech. fracture



Calcite + Pyrite vein.



Mech. fracture




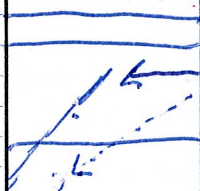


Mech. fracture

Handwritten notes on the right margin, including '23', '22', '113', '103', '101', '102', '104', '105', '106', '107', '108', '109', '110', '111', '112', '113', '114', '115', '116', '117', '118', '119', '120', '121', '122', '123', '124', '125', '126', '127', '128', '129', '130', '131', '132', '133', '134', '135', '136', '137', '138', '139', '140', '141', '142', '143', '144', '145', '146', '147', '148', '149', '150', '151', '152', '153', '154', '155', '156', '157', '158', '159', '160', '161', '162', '163', '164', '165', '166', '167', '168', '169', '170', '171', '172', '173', '174', '175', '176', '177', '178', '179', '180', '181', '182', '183', '184', '185', '186', '187', '188', '189', '190', '191', '192', '193', '194', '195', '196', '197', '198', '199', '200'.

Handwritten notes at the bottom left corner, including '0.02', '0.03'.

EGS COLLAB PROJECT CORE LOG, SURF 4850' LEVEL

HOLE: E7-PDB	DATE: 7-DEC 2017	LOGGER: BROWN
RUN: 13-60-65'	cont'd red scribe (Y/N):	HEAD DRILLER:

DEPTH	CORE SKETCH	NOTES
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		vein with pyrite + carbonate?
0.9		
1.0		
0.1		
0.2		
0.3		Mechanical Break small fracture partially filled w/ QTZ mechanical break
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		mechanical break
0.7		
0.8		
0.9		
1.0		
0.1		
0.2		
0.3		
0.4		
0.5		
0.6		
0.7		
0.8		
0.9		
1.0		small Qtz frac. w/ branching bedding

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1 PDB	Scribed (red line)? Y/N
Depth Interval (ft) 65-70'	Box # 5	Run # 14
Date 8-DEC-2017	Core Logger(s) Shah / Paul	

Depth	Sketch [fractures, foliation & fold directions]	Notes
5 0.5 1	foliation	
6 0.5 1	foliation	
7 0.5 1	0.1mm Qtz bedding / foliation	
8 0.5 1	mech. break fracture	0.1mm wavy Qtz fracture ⊥ bedding.
8 0.5 1	bedding Qtz	
9 0.5 1	mech fracture	foliation.

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1-PDB	Scribed (red line) Y/N
Depth Interval (ft) 70' - 75'	Box # 5	Run # 15
Date 08 Dec 2017	Core Logger(s) Shaun B + Paul S	

Depth	Sketch [fractures, foliation & fold directions]	Notes
70		Light shading to indicate approx bedding / foliation oratn.
71		<p>~1mm qtz frags</p> <p>Fold?</p> <p>Inclusion?</p> <p>~5mm frag qtz + pyr</p> <p>quartz + pyrite</p>
72		<p>core break - micaceous</p> <p>~1mm frag, qtz</p>
73		<p>More Pyrite</p> <p>~1mm frag, calc, to pyr</p> <p>calcite (HCl), trace pyrite</p> <p>~2mm frag, qtz</p>
74	<p>More Pyrite</p>	

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # **E1** Borehole ID **E1-PDB** Scribed (red line) **Y/N** *lost @ 79'*
 Depth Interval (ft) **75'-80'** Box # **6** Run # **16**
 Date **08 Dec 2017** Core Logger(s) **Shaun B + Paul S**

Depth	Sketch [fractures, foliation & fold directions]	Notes
75 _____ _____ _____ 0.5 _____ _____ _____ 1		HCl indicates rxn ~1mm qtz frags
76 _____ _____ _____ 0.5 _____ _____ _____ 1		~1mm frags calcite (HCl) ~3mm frac qtz, pyr, trace clct (HCl)
77 _____ _____ _____ 0.5 _____ _____ _____ 1	No distinct bedding/foliation? 	~2mm frac qtz calcite (HCl) ~1mm frac, calcite (HCl)
78 _____ _____ _____ 0.5 _____ _____ _____ 1		~2mm frac clct (HCl) + pyrt, mica ~1mm frac clct (HCl)
79 _____ _____ _____ 0.5 _____ _____ _____ 1		cont core ends here, frac(?) w/ mica + tr. calcite rubble core samp, exposed pyrt + calcite face (redrill)

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1-PDB	Scribed (red line)? <input checked="" type="checkbox"/> N Lost alignment between 79' & 81'
Depth Interval (ft) 80-85'	Box # 6	Run # 17
Date 08 Dec 2017	Core Logger(s) Shaun B + Paul S	

Depth	Sketch [fractures, foliation & fold directions]	Notes
80 0.5 1		Two rubble core sampls (redrill) Micaceous, calcite + pyrite veins Start of new scribe alignment
81 0.5 1		~1 mm qtz frac ~1 mm calcite (HCl) frac
82 0.5 1		Abundant calcite (HCl)
83 0.5 1		~2mm micaceous frac, w/ calcite (HCl)
84 0.5 1		1mm clot (HCl) frac ~2mm qtz frac < 1mm calcite (HCl) frags

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1-PDB	Scribed (red line)? Y/N
Depth Interval (ft) 85'-90'	Box # 6	Run # 18
Date 08 Dec 2012	Core Logger(s) Shawn B + Paul S.	

Depth	Sketch [fractures, foliation & fold directions]	Notes
85 0.5 1		1-2 mm calcite frags (HCl)
86 0.5 1		Core break, high mica + calcite (HCl) content
87 0.5 1		Lighter colored, hard crystalline frags... breccia?
88 0.5 1		~1mm calcite vein
89 0.5 1		More breccia (?) material

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1-PDB	Scribed (red line) <input checked="" type="checkbox"/> Y/N
Depth Interval (ft) 90-95'	Box # 7	Run # 19
Date 08 Dec 2017	Core Logger(s) Shaun B + Paul S	

Depth	Sketch [fractures, foliation & fold directions]	Notes
90 0.5 1		Chaotic foliation, breccia, calcite (HCl) Quartz lens
91 0.5 1		Chaotic foliation - Qtz lenses Micaceous core breaks, on some part
92 0.5 1		Quartz lenses
93 0.5 1		High density of small-scale folds + foliation Micaceous core breaks, some part
94 0.5 1		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1 POB	Scribed (red line)? Y/N
Depth Interval (ft) 95-100	Box # 7	Run # 20
Date 8-DEC-2017	Core Logger(s) Shawn & Paul S.	

Depth	Sketch [fractures, foliation & fold directions]	Notes
0.5		Pyrite @ mechanical fractures
1		bedding carbonate veins cutting bedding
0.5		mech frac. FeS + Qtz.
1		mech frac. Qtz zone small ~0.25 mm fractures cross cutting massive Qtz
0.5		bedding Qtz bedding ⊥ " 0.2 "
1		Bedding
0.5		undulating foliation wormy calcite.
1		nearly continuous Qtz fractures. partially foliated

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1-PDB	Scribed (red line) YN <i>Lost @ 102.75'</i>
Depth Interval (ft) 100'-104'	Box # 7	Run # 21
Date 08 Dec 2017	Core Logger(s) Shawn B + Paul S.	

Depth	Sketch [fractures, foliation & fold directions]	Notes
100 0.5 1		
101 0.5 1		<p>Fractured (brecciated?) qtz zones</p> <p>Core break, micaceous, pyrite, trace calcite ←/mm qtz (?) frags, crosses qtz brecc?</p>
102 0.5 1		<p>Core break, micaceous, pyrite, trace calcite + qtz</p> <p>Schist w/ qtz lenses</p> <p>← End of intact core</p> <p>← Fragments</p>
103 0.5 1		<p>← sample of brecciated qtz</p>
104 0.5 1		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1-PDB	Scribed (red line) Y/N <i>No alignment w/ prev run</i>
Depth Interval (ft) 104'-107'	Box # 8	Run # 22
Date 08 Dec 2017	Core Logger(s) Shawn B + Paul S	

Depth	Sketch [fractures, foliation & fold directions]	Notes
104		<p>Qtz, Fractured</p> <p>← heavily mottled contact; qtz, pyrt, calcite</p> <p>Tight foliations</p>
105		<p>Imm calcite (HCl) Fracs</p> <p>- core break; micaceous; tr calcite</p> <p>Core break, micaceous phyl</p> <p>Qtz nodule</p>
106		<p>Core break, micaceous phyl</p> <p>calcite vein (HCl)</p>
107		<p>Fractured qtz</p> <p>End of run</p>

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1 - PDB	Scribed (red line)? <input checked="" type="checkbox"/> N
Depth Interval (ft) 107-111'	Box # 8	Run # 23
Date 10 Dec 2017	Core Logger(s) Sheun B + Paul S	

Depth	Sketch [fractures, foliation & fold directions]	Notes
107		<p> = Brecciated qtz w/ minor fractures (<math>\le 1\text{mm}</math>) = Poorman breccia fragments </p>
108		<p> Mica exposed on this break, red tint Quartz fragments, some micaceous planes </p>
109		<p> Core break } Foliation orientation change </p>
110		<p> ← Core break, micaceous schist Calcite Veins (<math>1\text{cm}</math>) </p>
111		<p>End of run</p>

Filename range (digital core images)

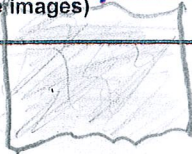
EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1 - PDB	Scribed (red line)? Y/N *
Depth Interval (ft) 111-116'	Box # 8	Run # 24
Date 10 Dec 2017	Core Logger(s) Paul S	

Depth	Sketch [fractures, foliation & fold directions]	Notes
111	<p>Core Breaks</p> <p>Foliation Chng</p> <p>Fln chng</p>	<p>* Too many breaks/frags to make a single alignment. Aligned 111-113.1' in red, 113.1-115.1' in blue, 115.1-116' in red. Last piece marked "116" goes beyond our 5' length, and does not align w/ next run.</p>
112	<p>Core Breaks</p>	<p>First 2 feet is tightly-foliated schist w/ intense amount of fltn-parallel quartz and calcite veins + lenses, w/ trace amounts of pyrt throughout the interval</p>
113	<p>End of red alignmt</p> <p>"Nominal" Bedding</p>	<p>Breccia zone of schist, qtz, + calcite veins w/ tr. pyrt</p>
114	<p>Core Breaks</p>	<p>Damage zone w/ quartz veins ← 1-2 mm frac w increased pyrt content</p> <p>Qtz veins, 2-5 mm</p>
115	<p>End of blue alignmt</p> <p>Core Breaks</p> <p>1-2 mm calcite frac</p> <p>"Gap"</p>	

Filename range (digital core images)

End of red alignmt



← End of run piece marked "116"
Schist + some qtz, foliation difficult to see

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1-PDB	Scribed (red line) <input checked="" type="checkbox"/> Y/N
Depth Interval (ft) 116-120	Box # 9	No match to prev or next runs Run # 25
Date 10 Dec 2017	Core Logger(s) Paul S.	

Depth	Sketch [fractures, foliation & fold directions]	Notes
116 0.5 1	Core Break	
117 0.5 1	Qtz lens	1-2 mm qtz veins
118 0.5 1	Core Break	Brecciated qtz/schist zone
119 0.5 1	Core Break	Brecciated zone, tight veins of qtz Chaotic, tight foliation, brecciated frags of schist, qtz, trc clst
120 0.5 1	Core breaks all mica-schist, trc qtz	End of run

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1 - PDB	Scribed (red line)? Y
Depth Interval (ft) 120-125'	Box # 9	Run # 26
Date 10 Dec 2017	Core Logger(s) Paul S.	

Depth	Sketch [fractures, foliation & fold directions]	Notes
120	<p>Core break</p> <p>Ring of quartz nodules</p> <p>schist w/ bedding // qtz veins</p>	
121	<p>Core break</p> <p>Tightly-folded schist, ~1 cm qtz vein along fltn</p>	
122	<p>Core Breaks</p> <p>Highly-fractured qtz</p> <p>Chaotic, tightly-folded zone of schist + qtz</p>	
123	<p>Core Breaks</p>	
124	<p>Core Break</p> <p>~1 mm calcite vein</p> <p>1-2 mm frac w/ openings, pyrite + clst</p>	

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1 - PDB	Scribed (red line)? <input checked="" type="checkbox"/> N
Depth Interval (ft) 125-130'	Box # 9	Run # 27
Date 10 Dec 2017	Core Logger(s) Paul S.	

Depth	Sketch [fractures, foliation & fold directions]	Notes
125 0.5 1		Zone of tightly chaotic folds w/ series of semi-parallel 1-2 mm fracs containing calcite + pyrite
126 0.5 1		Tightly folded schist w/ intermitent qtz veins that ~ follow foliation
127 0.5 1		
128 0.5 1		
129 0.5 1		Highly fractured qtz

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1-PDB	Scribed (red line)? <input checked="" type="checkbox"/> Y
Depth Interval (ft) 130-135'	Box # 10	Albite lost at ~131' Run # 28
Date 10 Dec 2017	Core Logger(s) Paul S	

Depth	Sketch [fractures, foliation & fold directions]	Notes
130		Highly-fractured Qtz + breccia frags
0.5		Schist w/ intermittent Qtz veins + lenses
1		End of Albite Schist frags
0.5		Start of Albite Schist w/ minor Qtz veins (< 1mm)
1		
132		1-2 mm veins/fracs, mostly calcite some Qtz
0.5		
1		
133		1-2 cm calcite + Qtz vein
0.5		Schist w/ 1-3 cm veins, mostly Qtz some calcite
1		Quartz lens
134		Tightly-foliated schist w/ 1-2 mm veins of primarily calcite, some Qtz
0.5		
1		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E-1	Borehole ID E1-PDB	Scribed (red line)? ON
Depth Interval (ft) 135-140'	Box # 10	Run # 29
Date 10 Dec 2017	Core Logger(s) Paul S.	

Depth	Sketch [fractures, foliation & fold directions]	Notes
135 0.5 1		
136 0.5 1	Fold Interior 	Folded schist w/ calcite veins (<1-2mm), minor qtz
137 0.5 1	Core Break 	Calcite veins
138 0.5 1	Core Break → 	Brecciated schist, qtz, + calcite, some pyrite veins
139 0.5 1	Core Break 	Schist Brecciated, highly fractured qtz + schist

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # EDD E1	Borehole ID E1-PDB	Scribed (red line)? <input checked="" type="checkbox"/>
Depth Interval (ft) 140-145'	Box # 10	Too many breaks + missing frags Run # 30
Date 10 Dec 2017	Core Logger(s) Paul S	

Depth	Sketch [fractures, foliation & fold directions]	Notes
140		Calcite veins Schist, highly micaceous
141		Qtz + Schist
142		Qtz + calcite breccia zone, highly frac'd Tight, chaotic foliation
143		Schist, highly folded, tight foliation Calcite veins
144		Qtz End of run

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1-PDB	Scribed (red line)? <input checked="" type="checkbox"/> Y <i>Not at beginning of run</i>
Depth Interval (ft) 145-150'	Box # 11	Run # 31
Date 10 Dec 2017	Core Logger(s) Paul S.	

Depth	Sketch [fractures, foliation & fold directions]	Notes
145	<p>Fractured Qtz</p> <p>Schist</p> <p>core Breaks</p>	
146	<p>1-3 mm Qtz vein</p> <p>Tight Folding</p> <p>~1 mm Qtz Fracs</p>	
147	<p>1-3 mm Qtz vein</p> <p>Core Break</p>	
148	<p>~2 mm calcite vein</p> <p>~1 mm calcite Fracs</p>	
149	<p>Core Breaks</p>	

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1 - PDB	Scribed (red line) <input checked="" type="checkbox"/> Y/N <i>Not first 2', too broken</i>
Depth Interval (ft) 150-155'	Box # 11	Run # 32
Date 10 Dec 2017	Core Logger(s) Paul S.	

Depth	Sketch [fractures, foliation & fold directions]	Notes
150 0.5 1	Broken Core 	1-2 mm Qtz veins Qtz Vein
151 0.5 1	Core Break 	1-2 mm Qtz vein
152 0.5 1	Core Break → 	← Start of scribe alignment
153 0.5 1		Schist fltn change
154 0.5 1	Core Break 	Schist fltn change

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1-PDB	Scribed (red line)? <input checked="" type="checkbox"/> N
Depth Interval (ft) 155-160'	Box # 11	Run # 33
Date 10 Dec 2017	Core Logger(s) Paul S	

Depth	Sketch [fractures, foliation & fold directions]	Notes
155 0.5 1		← Tight foliation ← Core Break, lost alignmt of scribe
155 156 0.5 1		Core Break
156 157 0.5 1		Core Breaks
157 158 0.5 1		Core Break
159 0.5 1		} zone of tight, chaotic foliation/folds 2-3 mm Calcite vein Core Break

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment #	E1	Borehole ID	E4-PDB	Scribed (red line) ?	Y/N
Depth Interval (ft)	160-165'	Box #	12	Run #	34
Date	11 Dec 2017	Core Logger(s)	Paul S.		

Depth	Sketch [fractures, foliation & fold directions]	Notes
160		<p>1-2 mm frac w/ Calcite, + pyrite visible. (partial openings)</p> <p>1-2 mm calcite frac</p>
161		<p>1-1 mm calcite frags</p> <p>1-8 mm qtz vein, core break just below in schist</p>
162		<p>1-1 mm calcite frags, w/ openings</p>
163		<p>1-1 mm calcite frac</p>
164		<p>Core Break</p>

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment # E1	Borehole ID E1-PDB	Scribed (red line)? Y <i>Does not align w/ prev run</i>
Depth Interval (ft) 165-170'	Box # 12	Run # 35
Date 11 Dec 2017	Core Logger(s) Paul S.	

Depth	Sketch [fractures, foliation & fold directions]	Notes
165 0.5 1		
166 0.5 1		
167 0.5 1		<i>1mm calcite veins <1mm calcite veins</i>
168 0.5 1		<i>~1mm calcite veins <1mm calcite vein</i>
169 0.5 1		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment #	E1	Borehole ID	E1-PDB	Scribed (red line)	WIN does align w/ prev. run.
Depth Interval (ft)	170-175'	Box #	12	Run #	36
Date	11 Dec 2017	Core Logger(s)	Paul S.		

Depth	Sketch [fractures, foliation & fold directions]	Notes
170		~1 mm qtz vein
171		
172		~1 mm qtz vein <1 mm calcite vein <1 mm qtz veins
173		1-2 mm qtz vein <1 mm calcite vein
174		

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment #	E1	Borehole ID	E1-PDB	Scribed (red line)?	Y/N
Depth Interval (ft)	175-180	Box #	13	Run #	37
Date	11 Dec 2017	Core Logger(s)	Paul S.		

Depth	Sketch [fractures, foliation & fold directions]	Notes
75		
0.5		
1		
76		
0.5		
1		
77		
0.5		
1		
178		
0.5		
1		
179		
0.5		
1		

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment #	E1	Borehole ID	E1-PDB	Scribed (red line)	Y/N
Depth Interval (ft)	180-185	Box #	13	Run #	38
Date	11 Dec 2017	Core Logger(s)	Paul S.		

Depth	Sketch [fractures, foliation & fold directions]	Notes
180		
0.5		
1		< 1 mm - 2 mm calcite veins
181		
0.5		
1	Core Break	
182		
0.5		
1	Core Break	
183		
0.5		
1		< 1 mm calcite vein
184		
0.5		
1	Core Break	
		< 1 mm qtz vein
		1-5 mm qtz veining

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment #	E1	Borehole ID	E1-PDB	Scribed (red line)	YN
Depth Interval (ft)	185-190	Box #	13	Run #	39
Date	11 Dec 2017	Core Logger(s)	Paul S.		

Depth	Sketch [fractures, foliation & fold directions]	Notes
185		< 1 mm calcite vein
186		~1 mm calcite vein
187		
188	Core Break	
189		< 1 mm calcite veins

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment #	E1	Borehole ID	E1-PDB	Scribed (red line)?	Y/N
Depth Interval (ft)	190-195	Box #	14	Run #	40
Date	11 Dec 2017	Core Logger(s)	Paul S.		

Depth	Sketch [fractures, foliation & fold directions]	Notes
190 0.5 1		Some very minor <1mm veins visible in places, otherwise not much structural features beyond changes in fold/foliation pattern in schist.
191 0.5 1		
192 0.5 1		
193 0.5 1		
194 0.5 1	core Break 	

Filename range (digital core images)

EGS SIGMA-V Collab ROCK CORE LOG, SURF 4850' LEVEL

Experiment #	E1	Borehole ID	E1-PDB	Scribed (red line)	Y/N
Depth Interval (ft)	195-198	Box #	14	Run #	41
Date	11 Dec 2017	Core Logger(s)	Paul S.		

Depth	Sketch [fractures, foliation & fold directions]	Notes
5		<p>1-2 mm qtz vein</p> <p>2-3 mm qtz vein</p> <p><1 mm qtz vein</p>
6		<p>Core Break</p> <p>1-2 mm qtz veins</p>
7		<p>Core Break</p> <p><1 mm calcite vein</p>
78		<p>End of Run</p>