

DOCKETED	
Docket Number:	21-AFC-02
Project Title:	Willow Rock Energy Storage Center
TN #:	265122
Document Title:	Willow Rock CURE Data Request Set 1 Response, Attachment DR103-1_Part 2
Description:	Resubmission of files previously submitted through Kiteworks
Filer:	Kathryn Stevens
Organization:	WSP USA Inc.
Submitter Role:	Applicant Consultant
Submission Date:	7/29/2025 10:54:05 PM
Docketed Date:	7/30/2025

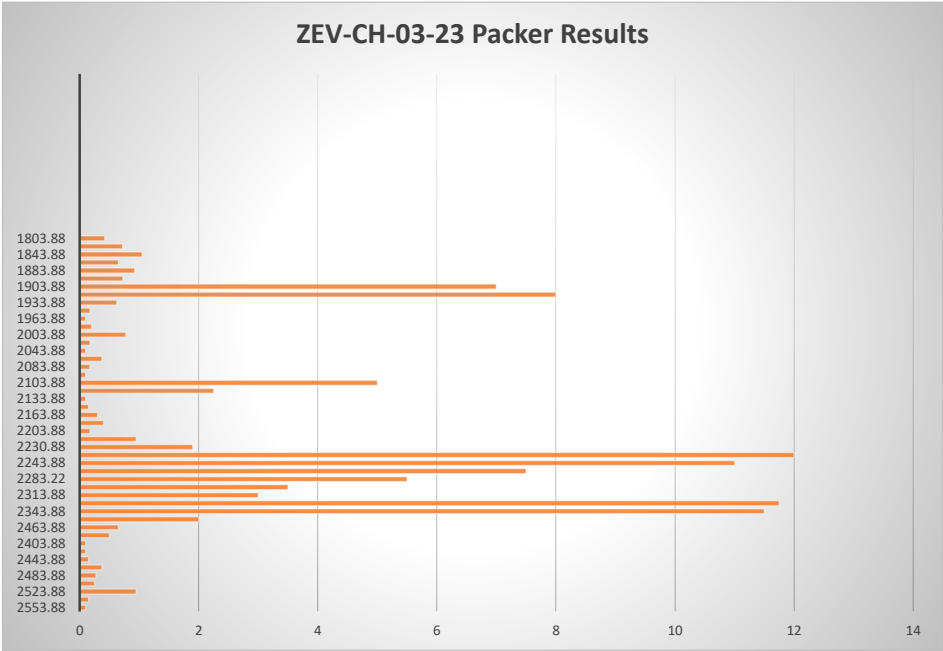
HOLE #	ZEV-CH-03-23			
DATE	7/10/2023			5.85
			<u>Bottom of Test Interval</u>	
Pipe Number	Length FT	Total Length of Pipe	Total Pipe length-bottom of test interval	
Packer joint	36.28	36.28		29.73
1.00	20.00	56.28		49.73
2.00	20.00	76.28		69.73
3.00	20.00	96.28		89.73
4.00	20.00	116.28		109.73
5.00	20.00	136.28		129.73
6.00	20.00	156.28		149.73
7.00	20.00	176.28		169.73
8.00	20.00	196.28		189.73
9.00	20.00	216.28		209.73
10.00	20.00	236.28		229.73
11.00	20.00	256.28		249.73
12.00	20.00	276.28		269.73
13.00	20.00	296.28		289.73
14.00	20.00	316.28		309.73
15.00	20.00	336.28		329.73
16.00	20.00	356.28		349.73
17.00	20.00	376.28		369.73
18.00	20.00	396.28		389.73
19.00	20.00	416.28		409.73
20.00	20.00	436.28		429.73
21.00	20.00	456.28		449.73
22.00	20.00	476.28		469.73
23.00	20.00	496.28		489.73
24.00	20.00	516.28		509.73
25.00	20.00	536.28		529.73
26.00	20.00	556.28		549.73
27.00	20.00	576.28		569.73
28.00	20.00	596.28		589.73
29.00	20.00	616.28		609.73
30.00	20.00	636.28		629.73
31.00	20.00	656.28		649.73
32.00	20.00	676.28		669.73
33.00	20.00	696.28		689.73
34.00	20.00	716.28		709.73
35.00	20.00	736.28		729.73
36.00	20.00	756.28		749.73
37.00	20.00	776.28		769.73
38.00	20.00	796.28		789.73
39.00	20.00	816.28		809.73
40.00	20.00	836.28		829.73
41.00	20.00	856.28		849.73
42.00	20.00	876.28		869.73
43.00	20.00	896.28		889.73
44.00	20.00	916.28		909.73
45.00	20.00	936.28		929.73
46.00	20.00	956.28		949.73

HOLE #	ZEV-CH-03-23			
DATE	7/10/2023			
				5.85
			<u>Bottom of Test Interval</u>	
Pipe Number	Length FT	Total Length of Pipe	Total Pipe length-bottom of test interval	
47.00	20.00	976.28		969.73
48.00	20.00	996.28		989.73
49.00	20.00	1016.28		1009.73
50.00	20.00	1036.28		1029.73
51.00	20.00	1056.28		1049.73
52.00	20.00	1076.28		1069.73
53.00	20.00	1096.28		1089.73
54.00	20.00	1116.28		1109.73
55.00	20.00	1136.28		1129.73
56.00	20.00	1156.28		1149.73
57.00	20.00	1176.28		1169.73
58.00	20.00	1196.28		1189.73
59.00	20.00	1216.28		1209.73
60.00	20.00	1236.28		1229.73
61.00	20.00	1256.28		1249.73
62.00	20.00	1276.28		1269.73
63.00	20.00	1296.28		1289.73
64.00	20.00	1316.28		1309.73
65.00	20.00	1336.28		1329.73
66.00	20.00	1356.28		1349.73
67.00	20.00	1376.28		1369.73
68.00	20.00	1396.28		1389.73
69.00	20.00	1416.28		1409.73
70.00	20.00	1436.28		1429.73
71.00	20.00	1456.28		1449.73
72.00	20.00	1476.28		1469.73
73.00	20.00	1496.28		1489.73
74.00	20.00	1516.28		1509.73
75.00	20.00	1536.28		1529.73
76.00	20.00	1556.28		1549.73
77.00	20.00	1576.28		1569.73
78.00	20.00	1596.28		1589.73
79.00	20.00	1616.28		1609.73
80.00	20.00	1636.28		1629.73
81.00	20.00	1656.28		1649.73
82.00	20.00	1676.28		1669.73
83.00	20.00	1696.28		1689.73
84.00	20.00	1716.28		1709.73
85.00	20.00	1736.28		1729.73
86.00	20.00	1756.28		1749.73
87.00	20.00	1776.28		1769.73
88.00	20.00	1796.28		1789.73
89.00	20.00	1816.28		1809.73
90.00	20.00	1836.28		1829.73
91.00	20.00	1856.28		1849.73
92.00	20.00	1876.28		1869.73
93.00	20.00	1896.28		1889.73

HOLE #	ZEV-CH-03-23			
DATE	7/10/2023			
				5.85
			<u>Bottom of Test Interval</u>	
Pipe Number	Length FT	Total Length of Pipe	Total Pipe length-bottom of test interval	
94.00	20.00	1916.28		1909.73
95.00	20.00	1936.28		1929.73
96.00	20.00	1956.28		1949.73
97.00	20.00	1976.28		1969.73
98.00	20.00	1996.28		1989.73
99.00	20.00	2016.28		2009.73
100.00	20.00	2036.28		2029.73
101.00	20.00	2056.28		2049.73
102.00	20.00	2076.28		2069.73
103.00	20.00	2096.28		2089.73
104.00	20.00	2116.28		2109.73
105.00	20.00	2136.28		2129.73
106.00	20.00	2156.28		2149.73
107.00	20.00	2176.28		2169.73
108.00	20.00	2196.28		2189.73
109.00	20.00	2216.28		2209.73
110.00	20.00	2236.28		2229.73
111.00	20.00	2256.28		2249.73
112.00	20.00	2276.28		2269.73
113.00	20.00	2296.28		2289.73
114.00	20.00	2316.28		2309.73
115.00	20.00	2336.28		2329.73
116.00	20.00	2356.28		2349.73
117.00	20.00	2376.28		2369.73
118.00	20.00	2396.28		2389.73
119.00	20.00	2416.28		2409.73
120.00	20.00	2436.28		2429.73
121.00	20.00	2456.28		2449.73
122.00	20.00	2476.28		2469.73
123.00	20.00	2496.28		2489.73
124.00	20.00	2516.28		2509.73
125.00	20.00	2536.28		2529.73
126.00	20.00	2556.28		2549.73
127.00	20.00	2576.28		2569.73
128.00	20.00	2596.28		2589.73
129.00	20.00	2616.28		2609.73
130.00	20.00	2636.28		2629.73
131.00	20.00	2656.28		2649.73
132.00	20.00	2676.28		2669.73
133.00	20.00	2696.28		2689.73
134.00	20.00	2716.28		2709.73
135.00	20.00	2736.28		2729.73
136.00	20.00	2756.28		2749.73
137.00	20.00	2776.28		2769.73
138.00	20.00	2796.28		2789.73
139.00	20.00	2816.28		2809.73
140.00	20.00	2836.28		2829.73

HOLE #	ZEV-CH-03-23			
DATE	7/10/2023			
				5.85
			<u>Bottom of Test Interval</u>	
Pipe Number	Length FT	Total Length of Pipe	Total Pipe length-bottom of test interval	
141.00	20.00	2856.28	2849.73	
142.00	20.00	2876.28	2869.73	
143.00	20.00	2896.28	2889.73	
144.00	20.00	2916.28	2909.73	
145.00	20.00	2936.28	2929.73	
146.00	20.00	2956.28	2949.73	
147.00	20.00	2976.28	2969.73	
148.00	20.00	2996.28	2989.73	
149.00	20.00	3016.28	3009.73	
150.00	20.00	3036.28	3029.73	
151.00	20.00	3056.28	3049.73	
152.00	20.00	3076.28	3069.73	
153.00	20.00	3096.28	3089.73	
154.00	20.00	3116.28	3109.73	
155.00	20.00	3136.28	3129.73	
156.00	20.00	3156.28	3149.73	
157.00	20.00	3176.28	3169.73	
158.00	20.00	3196.28	3189.73	
159.00	20.00	3216.28	3209.73	
160.00	20.00	3236.28	3229.73	

TEST #	BOT	GPH
1	2553.88	0.1
2	2543.88	0.15
3	2523.88	0.95
4	2503.88	0.25
5	2483.88	0.275
6	2463.88	0.375
7	2443.88	0.15
8	2423.88	0.1
9	2403.88	0.1 lugeon
10	2383.88	0.5
11	2463.88	0.65
13	2353.88	2
12	2343.88	11.5
14	2323.88	11.75
16	2313.88	3
15	2303.23	3.5
17	2283.22	5.5
18	2263.88	7.5
19	2243.88	11
21	2233.88	12 na 12+
22	2230.88	1.9
20	2223.88	0.95
23	2203.88	0.175 lugeon
24	2183.88	0.4
26	2163.88	0.3
25	2143.88	0.15
28	2133.88	0.1
27	2123.88	2.25
29	2103.88	5
31	2093.88	0.1
30	2083.88	0.17
32	2063.88	0.375
33	2043.88	0.1
34	2023.88	0.175
35	2003.88	0.775 lugeon
36	1983.88	0.2
37	1963.88	0.1
38	1943.88	0.175
40	1933.88	0.625
39	1923.88	8
41	1903.88	7
43	1893.88	0.725
42	1883.88	0.925
44	1863.88	0.65
45	1843.88	1.05
46	1823.88	0.72
46	1803.88	0.42 lugeon



tightened steel taped steel joints doiunle ndope

Project #

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

[illegible]

Project #

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

[illegible]

TEST HOLE	Elevation	Project #
DRILL DEPTH	Location	
STATIC WATER TABLE	Owner	
TESTED BY	Date	
COMMENTS	Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures	
COMMENTS	N/A	

[illegible]

TEST HOLE		Elevation		Project #
DRILL DEPTH		Location		
STATIC WATER TABLE		Owner		
TESTED BY		Date		
COMMENTS	Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures			
COMMENTS	N/a Not Recordable, 4-6 sec drop rate			

[illegible]

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Photograph of a wooden crate containing fossilized plant specimens. A white label on the crate reads: ZEVCH-03-23, 8/5/23, Rosamond, CA, TOP 2781, BOX 183, Bottom 2796. A yellow measuring tape is placed across the top of the crate, showing measurements in inches. The crate is filled with several long, cylindrical fossil specimens, some of which are labeled with numbers like 2781, 2782, 2783, 2784, 2785, 2786, 2787, 2788, 2789, 2790, 2791, 2792, 2793, 2794, 2795, 2796, 2797, 2798, 2799, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877, 2878, 2879, 2880, 2881, 2882, 2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2891, 2892, 2893, 2894, 2895, 2896, 2897, 2898, 2899, 2900.

Top 2796

ZEVCH-03-23
8/5/23
Rosamond, CA
Top 2796
Bottom 2811
Box 184

ZEVCH-03-23
08/05/23
Rosamond, CA
Box 184
Bottom 2811

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2751

Box 181

ZEV CH-03-23
8/5/23
Rosamond, CA

TOP 2751
Bottom 2766
Box 181

ZEV CH-03-23
08/05/23
Rosamond, CA

Box 181

Bottom 2766

Top 2766

ZEV-CH-03-23
8/5/23
Rosamond, CA

Box 182

Top 2766
Bottom 2781

Box 182

Bottom 2781

ZEVCH03 23
 8/5/23
 Rosamond, CA
 TOP 2781
 BOX 183
 Bottom 2796
 Box 183

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

[illegible]

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2736

ZEV CH 03-23
08/05/23
Rosamond, CA

Box 180

Bottom 2757

Box 180

Bottom 2757

Top 2751

Box 181

ZEV.CH.03-23
8/5/23
Rosamond, CA

TOP 2751
Box 181
Bottom 2766

ZEV.CH.03-23
08/05/23
Rosamond, CA

Box 181

Bottom 2766

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2721

Box 179

ZEVECH03-23

8/5/23

Rosamond, CA

TOP 2721

Bottom 2736

Bottom 2736

[illegible]

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

The image consists of three photographs showing wooden crates filled with fossilized plant specimens. Each crate is labeled with 'Top' and 'Bottom' numbers and a date '8/5/23'. The specimens are arranged in rows within the crates. A yellow measuring tape is visible in each photo.

- Top Photo:** The crate is labeled 'Top 2691' and 'Bottom 2706'. The date is '8/5/23'. The location is 'Rosamond, CA'. The specimens are arranged in rows within the crate.
- Middle Photo:** The crate is labeled 'Top 2706' and 'Bottom 2721'. The date is '8/5/23'. The location is 'Rosamond, CA'. The specimens are arranged in rows within the crate.
- Bottom Photo:** The crate is labeled 'Top 2721' and 'Bottom 2736'. The date is '8/5/23'. The location is 'Rosamond, CA'. The specimens are arranged in rows within the crate.

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

The image consists of two photographs of wooden boxes containing geological samples. The top photograph shows Box 176, which contains samples labeled ZEV-CH-03-23, 8/5/23, Rosamond, CA. The bottom photograph shows Box 177, which contains samples labeled ZEV-CH-03-23, 08/05/23, Rosamond, CA. Both boxes are filled with cylindrical and irregular rock samples, and a yellow measuring tape is visible along the top edge of each box.

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

The image consists of two photographs of geological sample boxes, labeled Box 175 (top) and Box 176 (bottom). Both boxes are made of light-colored wood and contain several long, cylindrical rock samples arranged in wooden trays. A yellow measuring tape is visible across the top of each box.

Box 175 (Top):

- Top left label: TOP 2661
- Top right label: ZEV-CH-03-23, 8/5/23, Rosamond, CA
- Bottom left label: Box 175
- Bottom right label: TOP 2661, Bottom 2676, Box 175

Box 176 (Bottom):

- Top left label: Top 2676
- Top right label: ZEV-CH-03-23, 8/5/23, Rosamond, CA
- Bottom left label: Box 176
- Bottom right label: TOP 2676, Bottom 2691, Box 176

Both boxes contain several long, cylindrical rock samples, some of which are labeled with handwritten text such as "ZEV-CH-03-23", "8/5/23", "Rosamond, CA", and "Box 175/176".

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

[illegible]

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2616

Box 172

ZEV-CH-03-23
8/5/23
Rosamond, CA

TOP 2616
Bottom 2631

Box 172

Bottom 2631

Top 2631

Box 173

ZEV-CH-03-25
08/05/23
Rosamond, CA

TOP 2631
Bottom 2646

Box 173

Bottom 2646

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2631

ZEV-CH-03-25
08/05/23
Rosamond, CA

Box 173

ZEV-CH-03-25
8/5/23
Rosamond, CA
TOP 2631
Bottom 2646
BOX 173

TOP 2646

ZEV-CH-03-2

8/5/23

Rosamond, CA

Box 174

Bottom 2661

Box 174

tom 2661

264

265

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2601

ZEV-CH-03-23
Rosamond, CA
8/5/23

Box 171

Bottom 2616

Box 171

Top 2616

Box 172

ZEV-CH-03-23
Rosamond, CA
8/5/23

Top 2616

Bottom 2631

Box 172

Bottom 2631

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

GPH

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2556

Box 168

ZEV CH-03-23
8/5/23
Rosamond, CA

TOP 2556
Bottom 2571
Box 168

ZEV-CH-03-23
8/5/23
Rosamond, CA

Bottom 2571

Determine by strat.

Top 2571

ZEVCH-0523
8/5/23
Rosamond, CA

Box 169

Box 171

Bottom 2586

Box 169

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2541
ZEV CH-03-23
8/5/23
Rosamond, CA
TOP 2541
Bottom 2556
Box 167

Top 2556
ZEV CH-03-23
8/5/23
Rosamond, CA
TOP 2556
Bottom 2571
Box 168

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

The image consists of three vertically stacked photographs showing open wooden boxes filled with fossil specimens. Each box is labeled with handwritten text and a yellow measuring tape is placed across the top of the specimens.

- Top Photograph:** The box is labeled "ZEV CH-03-23 8/5/23 Rosamond, CA" and "Box 165". The top lid is labeled "TOP 2511" and "Bottom 2526". The box is filled with numerous small, light-colored fossil fragments.
- Middle Photograph:** The box is labeled "ZEV CH-03-23 8/5/23 Rosamond, CA" and "Box 166". The top lid is labeled "Top 2526" and "Bottom 2541". The box is filled with numerous small, light-colored fossil fragments.
- Bottom Photograph:** The box is labeled "ZEV CH-03-23 8/5/23 Rosamond, CA" and "Box 167". The top lid is labeled "Top 2541" and "Bottom 2556". The box is filled with numerous small, light-colored fossil fragments.

TEST HOLE	Elevation	Project #
DRILL DEPTH	Location	
STATIC WATER TABLE	Owner	
TESTED BY	Date	
COMMENTS		
COMMENTS	Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures	

[illegible]

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2481

ZEVCH-03-23
8/5/23
Rosamond, CA

TOP 2481
Box 163
Bottom 2496

Box 163

Box 2496

ZEV CH-03-23
 8/5/23
 Rosamond, CA
 TOP 2496
 Box 164
 Bottom 2511

Project #

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

A photograph of a wooden crate filled with archaeological artifacts, likely pottery fragments. A white label is placed on top of the crate, reading: "ZEV CH-03-23", "8/5/23", "Rosamond, CA", "TOP 2481", "Bottom 2496", and "Box 163". A yellow measuring tape is stretched across the top of the crate, showing a measurement of approximately 248 inches. The artifacts inside the crate are small, light-colored fragments, some of which are labeled with numbers like "2481" and "2496". The crate is made of light-colored wood and has a metal latch on the right side.

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2436

Box 160

ZEV CH-03-23
8/5/23
Rosamond, CA

TOP 2436

Bottom 2451

Box 160

Box 160

Bottom 2451

Top 2451

Box 161

ZEV CH-03-23
8/5/23
Rosamond, CA

TOP 2451
Box 161
Bottom 2466

Box 161

Bottom 2466

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #A photograph of a wooden crate with several labels. The labels include 'ZEV CH-03-23', '8/5/23', 'Rosamond, CA', 'Top 2421', 'Box 157', 'Top 2421', 'Box 157', 'Bottom 2436', and 'Bottom 2436'. A yellow measuring tape is visible at the bottom of the crate.

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

ox 160
Top 2466
Bot
Box 162

ZEVLCH-03-23
8/5/23
Rosamond, CA
TOP 24166
Box 162
Bottom 2481

Box 161
Top 2456
Box 162
Box 164
Bottom 2481



Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2391

Box 157

Bottom 2400

ZEV CH-03-23
8/5/23
Rosamond, CA

Top 2391
Box 157
Bottom 2400

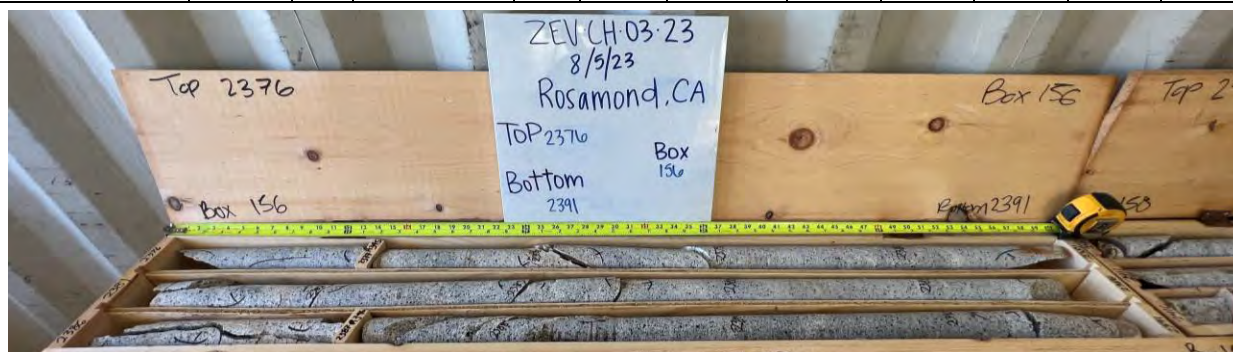
Box 157

Bottom 2400

[illegible]

ZEV CH-03-23
 8/5/23
 Rosamond, CA
 Top 2421
 Box 159
 Bottom 2436

TEST HOLE		Elevation		Project #
DRILL DEPTH		Location		
STATIC WATER TABLE		Owner		
TESTED BY		Date		
COMMENTS	Test 1 1 cup= 4.47' At 5 min the test illust	rates water finding new pathways /or opening fractures		
COMMENTS				

[illegible]

TEST HOLE
DRILL DEPTH
STATIC WATER TABLE
TESTED BY
COMMENTS
COMMENTS

Elevation
Location
Owner
Date

Project #

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

TEST INTERVAL	Test # /pull	APPLY	BOT OF INTERVAL	Packer	Duration	Cumulative	GPH				
							FLOW RATE READING GPH END OF PACKER TEST				
2382.23 - 2361.05	Test 35	80		1380	1		0.1				
	Lugeon				1	2	0.1				
					1	3	0.1				
					1	4	0.1				
					1	5	0.1				
					1	6	0.1				
					1	7	0.1				
					1	8	0.1				
					1	9	0.1				
					1	10	0.1				
					1	11	0.1				
					1	12	0.1				
					1	13	0.1				
					1	14	0.1				
					1	15	0.1				
					1	16	0.1				
					1	17	0.1				
					1	18	0.1				
					1	19	0.1				
					1	20	0.1				
					1	21	0.1				
					1	22	0.1				
					1	23	0.1				
					1	24	0.1				
					1	25	0.1				
					1	26	0.1				
					1	27	0.1				
					1	28	0.1				
					1	29	0.1				
					1	30	0.1				



Project #

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

The image consists of three photographs showing different sections of a geological core sample housed in wooden boxes. Each section includes a white label with handwritten and printed text.

Top Photograph: The label reads "ZEV-CH-03-23", "8/5/23", "ROSAMOND, CA", "TOP 2331", "Box 153", and "Bottom 2346". The box lid also has "ZEV-CH-03-23", "08/05/23", "Rosamond, CA", and "Box 153" written on it. The core sample is visible in the box, with handwritten numbers like "2331" and "2346" on the wood.

Middle Photograph: The label reads "ZEV-CH-03-23", "8/5/23", "ROSAMOND, CA", "TOP 2346", "Box 154", and "Bottom 2361". The box lid has "ZEV-CH-03-23", "08/05/23", "Rosamond, CA", and "Box 154" written on it. The core sample is visible in the box, with handwritten numbers like "2346" and "2361" on the wood.

Bottom Photograph: The label reads "ZEV-CH-03-23", "8/5/23", "Rosamond, CA", "TOP 2361", "Box 155", and "Bottom 2376". The box lid has "ZEV-CH-03-23", "8/5/23", "Rosamond, CA", "Box 155", and "Bottom 2376" written on it. A yellow measuring tape is visible across the top of the box, and the core sample is visible in the box.

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #



TEST HOLE	Elevation	Project #
DRILL DEPTH	Location	
STATIC WATER TABLE	Owner	
TESTED BY	Date	
COMMENTS		
COMMENTS	Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures	

[illegible]

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

[illegible][illegible]

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2206
5
Box 148

ZEV-CH-03-23
8/5/23
Rosamond, CA

TOP 2256
Box 148
Bottom 2271

Top 2271
Box 149

ZEV-CH-03-23
8/5/23
Rosamond, CA

TOP 2271
Box 149
Bottom 2286

Project #	Project Name	Project Manager	Project Status	Project Start Date	Project End Date	Project Budget	Project Actual Cost	Project Variance	Project Risk	Project Quality	Project Customer Satisfaction
1	Project A	John Doe	Completed	2023-01-01	2023-03-31	\$100,000	\$95,000	\$5,000	Low	High	95%
2	Project B	Jane Smith	In Progress	2023-04-01	2023-06-30	\$200,000	\$180,000	\$20,000	Medium	Medium	85%
3	Project C	Mike Johnson	On Hold	2023-07-01	2023-09-30	\$150,000	\$150,000	\$0	High	Low	70%
4	Project D	Sarah Brown	Completed	2023-10-01	2023-12-31	\$80,000	\$82,000	-\$2,000	Low	High	90%
5	Project E	David White	In Progress	2024-01-01	2024-03-31	\$120,000	\$110,000	\$10,000	Medium	Medium	80%

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures
This zone held prior to injection - during injection 1st 1 min dropped pass 1.0 GPH then abruptly began increasing back to 1.6-1.8

TOP 2206
5

Box 148

ZEV-CH-03-23
8/5/23
ROSAMOND, CA

TOP 2256
BOX 148
Bottom 2271
1 ft

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

The image displays three photographs of sediment core boxes, each containing a core with handwritten depth labels and a white identification label.

- Box 147:** The core is labeled with depths 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 2695, 2696, 2697, 2698, 2699, 2700, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2711, 2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720, 2721, 2722, 2723, 2724, 2725, 2726, 2727, 2728, 2729, 2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747, 2748, 2749, 2750, 2751, 2752, 2753, 2754, 2755, 2756, 2757, 2758, 2759, 2760, 2761, 2762, 2763, 2764, 2765, 2766, 2767, 2768, 2769, 2770, 2771, 2772, 2773, 2774, 2775, 2776, 2777, 2778, 2779, 2780, 2781, 2782, 2783, 2784, 2785, 2786, 2787, 2788, 2789, 2790, 2791, 2792, 2793, 2794, 2795, 2796, 2797, 2798, 2799, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877, 2878, 2879, 2880, 2881, 2882, 2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2891, 2892, 2893, 2894, 28

TEST HOLE		Elevation		Project #
DRILL DEPTH		Location		
STATIC WATER TABLE		Owner		
TESTED BY		Date		
COMMENTS	Test 1 1 cup= 4.47' At 5 min the test illust	rates water finding new pathways /or opening fractures		
COMMENTS				

[illegible]

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

The image consists of three vertically stacked photographs showing wooden crates filled with rolled-up geological samples. Each crate has a white label with handwritten text.

- Top Photo:** The label reads "ZEV-CN-03-23", "8/15/23", "ROSAMONICA", "TOP 2211", "BOX 145", and "130+ OM 2226". The crate is labeled "Box 145" and "Top 2211".
- Middle Photo:** The label reads "ZEV-CN-03-23", "8/15/23", "ROSAMONICA", "TOP 2226", "BOX 146", and "130+ OM 2241". The crate is labeled "Box 146" and "Top 2226".
- Bottom Photo:** The label reads "ZEV-CN-03-23", "8/15/23", "ROSAMONICA", "TOP 2241", "BOX 147", and "130+ OM 2256". The crate is labeled "Box 147" and "Top 2241".

The samples are rolled up in paper or cloth and are labeled with numbers (e.g., 2211, 2226, 2241, 2256) and "ZEV-CN-03-23". The crates are made of light-colored wood and are stacked on a wooden surface.

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

[illegible]

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

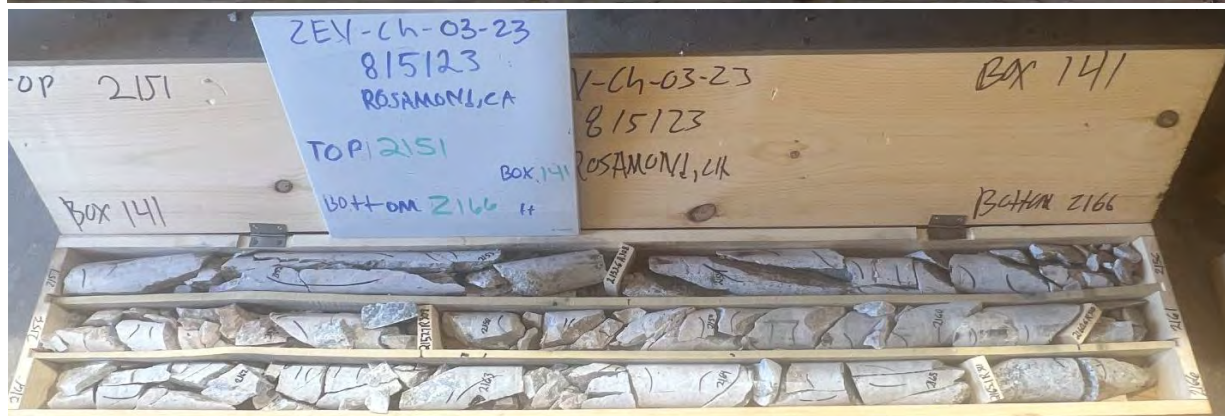
Box

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

2EX-16-03-23
8/15/23
ROSAMON, CA
TOP 2136 #
BOX 140
Bottom 2151 #

TOP 2136
Box 140
Box 140



Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2121
Box 139
ZEV-ch-03-23
8/5/23
ROSAMON, CA
TOP 2121 #
Bottom 2136 #
Box 139

Top 2136
Box 140
ZEV-ch-03-23
8/5/23
ROSAMON, CA
TOP 2136 #
Bottom 2151 #
Box 140

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2091

ZEY-CH-03-23
8/15/23
ROSAMON, CA
TOP 2091 #
BOX 137
130+mm 2106 ft

Box 137

Box 2106

A photograph of a wooden box containing a long, thin, light-colored object, possibly a fossil or specimen. The box is open, and the object is lying horizontally inside. A yellow ruler is placed across the top of the box, showing measurements in inches. Handwritten labels on the box include "Top 2106", "Box 138", "ZEV-CH-03-23", "815123", "ROSA MONTE, CA", "TOP 2106", "BOX 138", "Bottom 2121", and "Box 138". The object inside the box is light-colored and has some markings on it, including "2106" and "2121". The box is made of light-colored wood and has a yellow ruler placed across the top. The ruler shows measurements in inches, with markings every inch and smaller markings for fractions of an inch. The object inside the box is long and thin, and it appears to be a fossil or a specimen of some kind. It is light-colored and has some markings on it, including "2106" and "2121". The box is open, and the object is lying horizontally inside. The background is a plain, light-colored surface.

Top 2121

Box 139

2EV-Ch-03-23
8/5/23
RASAMON, CA

TOP 2121 #

Bottom 2136

Box 139

TEST HOLE
DRILL DEPTH
STATIC WATER TABLE
TESTED BY
COMMENTS
COMMENTS

Elevation
Location
Owner
Date

Project #

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

TEST INTERVAL	Test # /pull	APPLY	BOT OF INTERVAL	Packer	Duration	Cummulative	GPH			
							FLOW RATE	READING	GPH	END OF PACKER TEST
2102.23 - 2081.05	Test 52	80		1250	1		0.2			
	Lugeon Test				1	2	0.15			
					1	3	0.17			
					1	4	0.17			
					1	5	0.17			
					1	6	0.17			
					1	7	0.17			
					1	8	0.17			
					1	9	0.17			
					1	10	0.17			
					1	11	0.17			
					1	12	0.17			
					1	13	0.17			
					1	14	0.17			
					1	15	0.17			
					1	16	0.17			
					1	17	0.17			
					1	18	0.17			
					1	19	0.17			
					1	20	0.17			
					1	21	0.17			
					1	22	0.17			
					1	23	0.17			
					1	24	0.17			
					1	25	0.17			
					1	26	0.17			
					1	27	0.17			
					1	28	0.32			
					1	29	0.67			
					1	30	0.67			



Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #[illegible]

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 2061

Box 135

ZEV-CH-03-23

8/15/23

ROSAMONICA

TOP 2061 ft

Bottom 2076 ft

Box 135

Top 2076

Box 135

ZEV-CH-03-23

8/15/23

ROSAMONICA

TOP 2061 ft

Bottom 2076 ft

Box 135

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Two photographs of geological sample boxes. The top photo shows Box 132 containing a core labeled 'TOP 2016' and 'Bottom 2031 ft'. The bottom photo shows Box 133 containing a core labeled 'TOP 2031' and 'Bottom 2046 ft'. Both boxes have labels with 'ZEV-CH-03-23', '8/5/23', and 'ROSAMON, CA'. A yellow measuring tape is visible in both images.

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Other bag

Top 2001

Box 131

ZEY-CH-03-23
8/15/23
RASAMONICA
TOP 2001+
BOX 131
Bottom 2016 +

Box 131

Bottom 2016

[illegible]

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

2EV-CH-03-23
8/5/23
ROSAMON, CA
TOP 1971 4
BOX 129
Bottom 1986 11

Top 1971
Box 129

Box 129
Box 131

Box 129
Box 131

Top 1986

Box 130

ZEV-CH-03-23
815123
ROSAMON, CA
TOP 1986
BOX 130
Bottom 2001 ft

Box 130

Box 2001

Box

ZEY-CH-03-23
815123
R&S AMON, CA
TOP 20014
BOX 131
Bottom 2016 14

Top 2001
Box 131
Box 131
Bottom 2016

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

[illegible]

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

Top 1941

ZEY-CH-03-23
8/15/23
ROSAMONICA

TOP 1941 ft

BOX 122

Bottom 1956 ft

Top 1941

Box 122

1941

1956

1957

1958

1959

1960

1961

1962

1963

1964

1965

1966

1967

1968

1969

1970

1971

1972

1973

1974

1975

1976

1977

1978

1979

1980

1981

1982

1983

1984

1985

1986

1987

1988

1989

1990

1991

1992

1993

1994

1995

1996

1997

1998

1999

2000

2001

2002

2003

2004

2005

2006

2007

2008

2009

2010

2011

2012

2013

2014

2015

2016

2017

2018

2019

2020

2021

2022

2023

2024

2025

2026

2027

2028

2029

2030

2031

2032

2033

2034

2035

2036

2037

2038

2039

2040

2041

2042

2043

2044

2045

2046

2047

2048

2049

2050

2051

2052

2053

2054

2055

2056

2057

2058

2059

2060

2061

2062

2063

2064

2065

2066

2067

2068

2069

2070

2071

2072

2073

2074

2075

2076

2077

2078

2079

2080

2081

2082

2083

2084

2085

2086

2087

2088

2089

2090

2091

2092

2093

2094

2095

2096

2097

2098

2099

2100

2101

2102

2103

2104

2105

2106

2107

2108

2109

2110

2111

2112

2113

2114

2115

2116

2117

2118

2119

2120

2121

2122

2123

2124

2125

2126

2127

2128

2129

2130

2131

2132

2133

2134

2135

2136

2137

2138

2139

2140

2141

2142

2143

2144

2145

2146

2147

2148

2149

2150

2151

2152

2153

2154

2155

2156

2157

2158

2159

2160

2161

2162

2163

2164

2165

2166

2167

2168

2169

2170

2171

2172

2173

2174

2175

2176

2177

2178

2179

2180

2181

2182

2183

2184

2185

2186

2187

2188

2189

2190

2191

2192

2193

2194

2195

2196

2197

2198

2199

2200

2201

2202

2203

2204

2205

2206

2207

2208

2209

2210

2211

2212

2213

2214

2215

2216

2217

2218

2219

2220

2221

2222

2223

2224

2225

2226

2227

2228

2229

2230

2231

2232

2233

2234

2235

2236

2237

2238

2239

2240

2241

2242

2243

2244

2245

2246

2247

2248

2249

2250

2251

2252

2253

2254

2255

2256

2257

2258

2259

2260

2261

2262

2263

2264

2265

2266

2267

2268

2269

2270

2271

2272

2273

2274

2275

2276

2277

2278

2279

2280

2281

2282

2283

2284

2285

2286

2287

2288

2289

2290

2291

2292

2293

2294

2295

2296

2297

2298

2299

2300

2301

2302

2303

2304

2305

2306

2307

2308

2309

2310

2311

2312

2313

2314

2315

2316

2317

2318

2319

2320

2321

2322

2323

2324

2325

2326

2327

2328

2329

2330

2331

2332

2333

2334

2335

2336

2337

Top 1956

ZEY-CH-03-23
8/5/23
ROSAMONICA
TOP 1956 #
BOX 128
Bottom 1971 #

Box 128

Bottom 1971

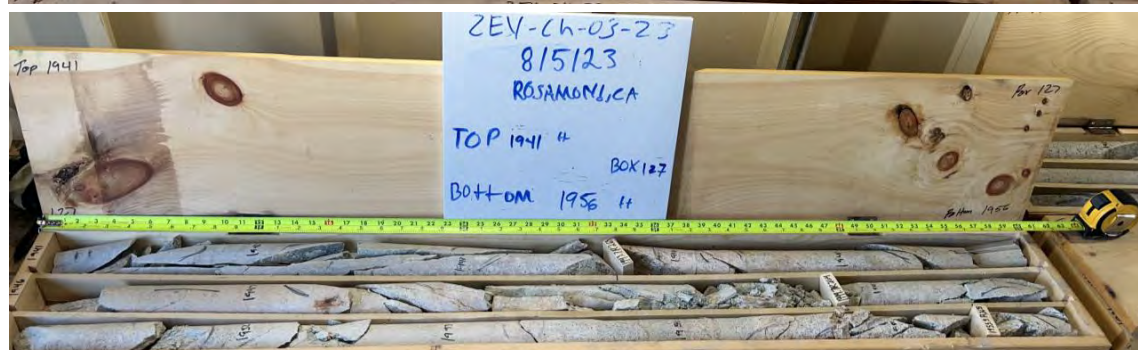
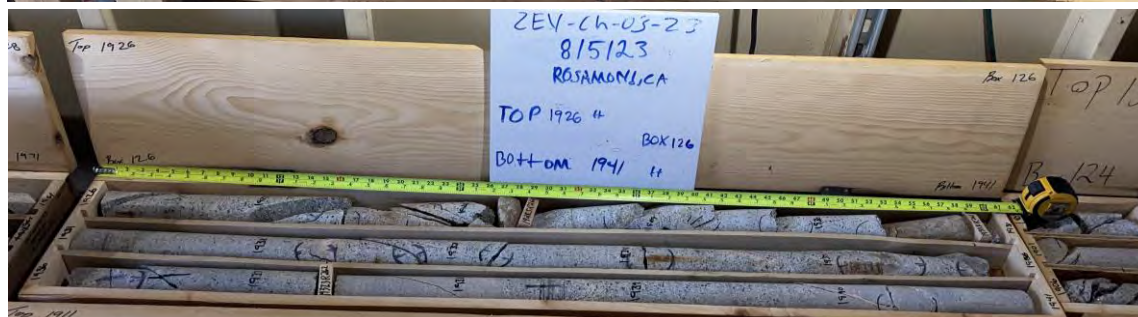
Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

ZEY-03-23
8/15/23
ROSAMONICA
TOP 1911 ft
Bottom 1926 ft

Box 125

Box 126



Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

The image consists of two photographs of geological sample boxes. The top photograph shows Box 124, which contains cylindrical rock samples in wooden trays. A yellow measuring tape is visible across the top of the box. A white label is attached to the box with the following text: ZEV-CH-03-23, 815123, ROSAMONI, CA, TOP 1896 ft, and BOTTOM 1911 ft. The box is labeled 'Box 124' and 'Top 1896' on the lid. The bottom photograph shows Box 125, which also contains cylindrical rock samples in wooden trays. A yellow measuring tape is visible across the top of the box. A white label is attached to the box with the following text: ZEV-CH-03-23, 815123, ROSAMONI, CA, TOP 1911 ft, and BOTTOM 1926 ft. The box is labeled 'Box 125' and 'Top 1911' on the lid.

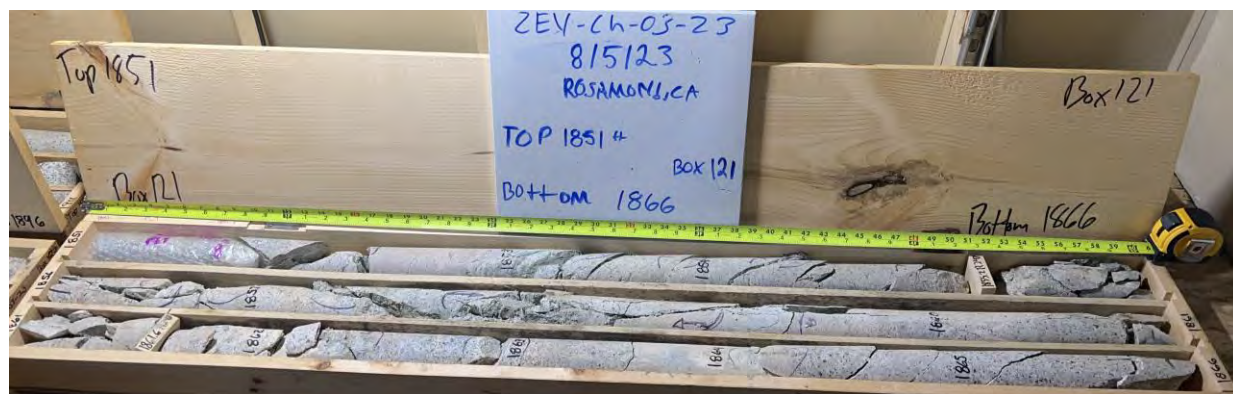
Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

ZEY-CH-05-23
815123
ROSAMON, CA
TOP 1881 #
Box 123
Bottom 1896



Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #[illegible]

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #[illegible]

Project #	
Elevation	
Location	
Owner	
Date	

Test 1 1 cup = 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

The image consists of three vertically stacked photographs showing wooden crates filled with fossil specimens, likely ammonite shells. Each crate is labeled with handwritten text and a yellow measuring tape is visible across the top of each crate.

- Top Photo:** The crate is labeled "TOP 1791" on the left, "ZEV-CH-03-23 8/5/23 ROSAMONICA" in the center, and "Box 117" on the right. A white label on the right side of the crate reads "ZEV-CH-03-23 8/5/23 ROSAMONICA TOP 1791" and "Box 117 Bottom 1806".
- Middle Photo:** The crate is labeled "TOP 1806" on the left, "ZEV-CH-03-23 8/5/23 ROSAMONICA" in the center, and "Box 118" on the right. A white label on the right side of the crate reads "ZEV-CH-03-23 8/5/23 ROSAMONICA TOP 1806" and "Box 118 Bottom 1821".
- Bottom Photo:** The crate is labeled "TOP 1821" on the left, "ZEV-CH-03-23 8/5/23 ROSAMONICA" in the center, and "Box 119" on the right. A white label on the right side of the crate reads "ZEV-CH-03-23 8/5/23 ROSAMONICA TOP 1821" and "Box 119 Bottom 1836".

Test 1 1 cup= 4.47' At 5 min the test illustrates water finding new pathways /or opening fractures

Project #

[illegible]