

Location 4850 L Big X

Date 11/18/11

Project / Client Seismic Tomography

Scale

Geophones at 125 ft

Time	File	Station	Stations
	1-4	Resin bolt @ 50 ft CD	10
			21
10:11:30	5-8	300	32
			59
10:13:30	9-13		79
10:15:00	14-18		93
10:16:00	19-23		104
10:17:00	24-28		147
	29	Bad	160
10:18:00	30-35		165
10:19:00	36-40		188
10:20:00	41-45	V-good	192
10:21:00	46-50	V-good	218
10:22:00	51-55		235
10:23:00	56-60	V-good	249
10:24:00	61-65	V-good	275
10:25:00	66-70		287
10:26:00	71-75	V-good	300
10:27:00	76-80		* New
10:28:00	81-85	V-good	
10:29:00	86-90		
10:30:00	91-95		

Survey 125 ft

Shots per stack 2

100  $\mu$  sec

Sample length 200

High Cut 2000

Low Cut 4

Batch mode on

24 Channels

Location 4850 L Big XDate 11/18/11Project / Client Seismic tam

Time	Files	station	Survey 100 r
10:50:30	1-5	10 ft	100 $\mu$ sec Samp. Int
10:51:30	6-10		200 msec recording Time
10:52:30	11-15		2000 Hz high Cut
10:53:30	16-20		4 Hz Low Cut
10:54:30	21-25		
10:55:30	26-30		Geophones at 100 ft
10:56:30	31-35		Channels
10:58:00	36-40		4 Horiz. Parallels
10:59:10	41-45		5 Vert
10:59:30	46-50		6 Horiz. Perp to Drip
11:01:05	51-55		
11:02:00	56-60		
11:03:30	61-66	61-Bad	
11:05:00	67-71		
11:06:00	72-76	soft	
11:07:00	77-81		
11:08:00	82-86		
11:09:10	87-91		



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Survey 50r

Time	Files	Station	100 $\mu$ sec sample int.
	1	Jump test	200 msec rec. time
11:26:30	2-6	300 ft	2000 Hz High cut
11:27:30	7-11		4 Hz Low cut
11:28:40	12-16		Batch mode on
11:29:30	17-21		12 channels
	22	Bad	
11:30:30	23-27		Geophones at 56ft
	28	Bad	channel
11:31:30	29-33		4 Horiz. Parallel
11:32:40	34-38		5 Vert.
11:33:30	39-43		6 Horiz. Perpendic
11:34:30	44-48	v. good	
11:35:30	49-53		
11:36:30	54-58		
	59	Bad	
11:38:30	60-64		
11:39:00	65-69		
11:40:00	<del>62</del> 70-74		
11:41:00	75-79		
11:42:00	80-84		
11:43:00	85-90		
11:44:00	91-95		

Location 4450 Big XDate 11/18/11Project / Client Seismic tomography

				Survey	25r
Time	Files	Station		same info as 50r	
	1-4	bad		Geophones at 25ft	
12:25:00	5-9	10 ft			
12:26:00	10-13				
	14-15	bad			
12:34:00	16-20				
12:35:10	21-25				
12:36:30	26-30				
12:37:45	31-35				
12:39:15	36-40				
12:41:00	41-45				
12:43:00	46-50	possible interference			
12:44:00	51-55				
12:45:00	56-60				
12:46:00	61-65				
12:48:00	66-70				
12:49:00	71-75				
12:50:30	76-80				
?	81-85	while tower was passing / redo			
1:08:00	86-90				
1:09:00	91-95				
1:10:30	96-100				



Location 4850 L Big XDate 11/18/11Project / Client Seismic tomography

Time	files	Station	Survey 12 n geophones at 12 ft same info as 50 n
	1	bad	
1:46:00	2-6		
1:47:00	7-11		
1:48:00	12-16		
1:49:00	17-21		
1:50:00	22-26		
1:51:00	27-31		
1:52:30	32-36		
	37	bad	
1:54:00	38-42		
1:55:30	43-47		
1:56:30	48-52		
1:57:30	53-57		
1:59:00	58-62		
2:00:00	63-67		
2:01:00	68-72		
2:02:00	73-77		
2:03:00	78-82		
2:04:00	83-87		
2:05:00	88-92		

Location 4850 L Big X

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Project / Client Seismic tomography

Time	Files	Station	Survey 37 r
2:17:00	1-5	10 ft	geophones at 37 ft
	6	Bad	same info as 5.0 r
2:28:00	7-11		
2:29:00	12-16		
2:30:00	17-21		
2:31:00	22-26		
2:32:00	27-31		
2:33:00	32-36		
2:34:00	37-41		
2:35:00	42-46		
2:36:00	47-50		
2:37:00	51-55		
2:38:00	56-60		
2:39:30	61-65		
2:41:00	66-70		
2:42:00	71-75	soft	
2:43:00	76-80		
2:44:00	81-85		
2:45:00	86-90		



Location 4850 L Big XDate 11/18/11Project / Client Seismic TomographySurvey -62m

geophones @ 62ft

T	Time	Files	Station
2:		1-4	? 300ft
	3:03:00	5-8	
2:	3:04:00	9-13	
2:	3:05:00	14-18	
2:	3:06:00	19-23	
2:	3:07:00	24-28	
2:	3:08:00	29-33	
2:	3:09:00	34-38	
2:	3:10:00	39-43	
2:	3:11:00	44-48	
2:	3:12:00	49-53	
2:	3:13:00	54-58	
2:	3:14:00	59-63	
2:	<del>3:15:00</del>	64-69	
2:	3:16:00	70-74	
2:	3:17:00	75-79	
2:	3:18:00	80-84	
2:	3:19:00	85-89	
2:			