

```

# source location
# LAKE 35.9661 -120.475
# MMN 35.9576 -120.502
# The experiment period is in the daylight saving time (2008/03/09-2008/11/02)
# so time here is Pacific summer time
# UT = PST + 7 hours
#
# Example; 0-8Hz-0 / (70:0:70:40) = 70 sec ramp to 8 Hz; no dwell at 8 Hz;
# 70 sec ramp to zero; 40 sec dwell at zero; repeat cycle
# Time (UTC) Sweep Ramp/Dwell (sec)* Comments

# 10/6/2008 (Lake Site, large MK-15 shaker)
2008 10 06 17:19-17:40 5Hz constant -
2008 10 06 17:47-17:49 0-7Hz-0 60:0:60:60
#
#10/7/2008 (Lake Site, large MK-15 shaker)
#
2008 10 07 08:42 0-7Hz-0 60:60:60:60 File does not have a column with a time stamp
2008 10 07 08:55 0-7Hz-0 60:60:60:60 File does not have a column with a time stamp
2008 10 07 09:55 0-7Hz-0 60:60:60:60 File does not have a column with a time stamp
2008 10 07 10:55 0-7Hz-0 60:60:60:60 File does not have a column with a time stamp
2008 10 07 11:55 0-7Hz-0 60:60:60:60 File does not have a column with a time stamp
2008 10 07 12:56 0-7Hz-0 60:60:60:60
2008 10 07 13:56 0-7Hz-0 60:60:60:60
2008 10 07 15:00-18:00 5 Hz constant - CONSTANT
#
#10/8/2008 (Lake Site, large MK-15 shaker)
#
2008 10 08 08:47 0-7Hz-0 60:0:60:60
2008 10 08 09:47 0-7Hz-0 60:0:60:60
2008 10 08 10:48 0-7Hz-0 60:0:60:60
2008 10 08 11:48 0-7Hz-0 60:0:60:60
2008 10 08 12:48 0-7Hz-0 60:0:60:60
2008 10 08 13:50 0-7Hz-0 60:0:60:60
2008 10 08 14:49 0-7Hz-0 60:0:60:60
2008 10 08 15:51 0-7Hz-0 60:0:60:60
2008 10 08 16:51 0-7Hz-0 60:0:60:60
2008 10 08 17:51 0-7Hz-0 60:0:60:60
2008 10 08 17:51-18:00 0-7Hz-0 60:0:60:60
#
#10/9/2008 (Lake Site, large MK-15 shaker)
#
2008 10 09 07:30 0-6Hz-0 60:0:60:60
2008 10 09 08:31 0-6Hz-0 60:0:60:60
2008 10 09 09:31 0-6Hz-0 60:0:60:60
2008 10 09 10:31 0-6Hz-0 60:0:60:60
2008 10 09 11:31 0-6Hz-0 60:0:60:60
2008 10 09 12:31 0-6Hz-0 60:0:60:60
2008 10 09 13:31 0-6Hz-0 60:0:60:60
2008 10 09 14:31 0-6Hz-0 60:0:60:60
2008 10 09 15:31 0-6Hz-0 60:0:60:60
2008 10 09 16:31 0-6Hz-0 60:0:60:60
#
#17:05 - - Stop to repair broken seal on shaker, Rockhound shutdown ~17:10
#17:18 1-10 Hz manual sweep -

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#10/12/2008 (Middle Mountain Site, small shaker, e = 100%)
2008 10 12 16:34-17:15 5Hz constant - <4Hz feedback frequency fake, F=11730 lb
2008 10 12 17:25-17:40 0-5Hz-0 60:0:60:60 <4Hz feedback frequency fake, F=11730 lb
2008 10 12 17:42-17:57 0-6Hz-0 60:0:60:60 <4Hz feedback frequency fake, F=16891 lb

#10/13/2008 (Middle Mountain Site, small shaker, e = 45%)

2008 10 13 09:11-10:11 0-10Hz-0 60:0:60:60 <4Hz feedback frequency fake
2008 10 13 10:15 0-10Hz-0 60:0:60:10 <4Hz feedback frequency fake
2008 10 13 10:19 0-10Hz-0 60:0:60:10 no fake frequencies from here to end of shaking (10/18/08)
2008 10 13 11:19 0-10Hz-0 60:0:60:10
2008 10 13 12:18 0-10Hz-0 60:0:60:10
2008 10 13 13:17 0-10Hz-0 60:0:60:10
2008 10 13 14:16 0-10 Hz-0 60:0:60:10
2008 10 13 14:25 - - Stop in the middle
2008 10 13 14:33 0-10 Hz-0 60:0:60:10 Shaking in y-direction
2008 10 13 15:31 0-10 Hz-0 60:0:60:10 Shaking in y-direction
2008 10 13 16:30-17:00 0-10 Hz-0 60:0:60:10 Shaking in y-direction

#10/15/2008 (Middle Mountain Site, large MK-15 shaker)
2008 10 15 12:47 0-7Hz-0 60:30:60:30
2008 10 15 13:47 (near 13:48) 0-7 Hz-0 60:30:60:30
2008 10 15 14:47 (near 14:48) 0-7 Hz-0 60:30:60:30
2008 10 15 15:47 (near 15:48) 0-7 Hz-0 60:30:60:30
2008 10 15 16:48 (near 16:49) 0-7 Hz-0 60:30:60:30
2008 10 15 17:48-18:00 (near 17:49) 0-7 Hz-0 60:30:60:30 Small amount of oil leaking, but ok

10/16/2008 (Middle Mountain Site, large MK-15 shaker)

2008 10 16 08:19 0-10 Hz-0 60:0:60:30
2008 10 16 08:20 - - Stopped and redid frequency program because max rate exceeded
2008 10 16 08:24 0-10 Hz-0 70:0:70:30 New Program
2008 10 16 08:29 - -
#Stopped - Paul Silver wanted to change to 40 sec. rest so that cycle would total 180 sec.
2008 10 16 08:37 0-10 Hz-0 70:0:70:40 New Program
2008 10 16 09:37 0-10 Hz-0 70:0:70:40
2008 10 16 10:37 0-10 Hz-0 70:0:70:40
2008 10 16 10:52 - - Stopped - Changed program to 9 Hz
2008 10 16 10:54 0-9 Hz-0 70:0:70:40
2008 10 16 11:55 0-9 Hz-0 70:0:70:40
2008 10 16 12:55 0-9 Hz-0 70:0:70:40
2008 10 16 13:57 0-9 Hz-0 70:0:70:40
2008 10 16 14:57 0-9 Hz-0 70:0:70:40
2008 10 16 15:57 0-9 Hz-0 70:0:70:40
2008 10 16 16:57-17:57 0-9 Hz-0 70:0:70:40

#

10/17/2008 (Middle Mountain Site, large MK-15 shaker)

2008 10 17	08:13	0-9 Hz-0	70:0:70:40	
2008 10 17	08:21	-	-	Stopped, still saturating going down to 8 Hz
2008 10 17	08:24	0-8Hz-0	70:0:70:40	New program
2008 10 17	09:24	0-8Hz-0	70:0:70:40	
2008 10 17	10:24	0-8Hz-0	70:0:70:40	
2008 10 17	11:24	0-8Hz-0	70:0:70:40	
2008 10 17	12:24	0-8Hz-0	70:0:70:40	
2008 10 17	13:24	0-8Hz-0	70:0:70:40	
2008 10 17	14:25	0-8Hz-0	70:0:70:40	
2008 10 17	14:29	0-8Hz-0	70:0:70:40	Restart Nigbor on duty
2008 10 17	15:29	0-8Hz-0	70:0:70:40	Nigbor shift to end of shaking (10/18/08)
2008 10 17	16:30	0-8Hz-0	70:0:70:40	
2008 10 17	17:30	0-8Hz-0	70:0:70:40	
2008 10 17	18:30	0-8Hz-0	70:0:70:40	
2008 10 17	19:30	0-8Hz-0	70:0:70:40	
2008 10 17	20:30	0-8Hz-0	70:0:70:40	
2008 10 17	21:31	0-8Hz-0	70:0:70:40	
2008 10 17	22:31	0-8Hz-0	70:0:70:40	
2008 10 17	23:32	0-8Hz-0	70:0:70:40	

#

#10/18/2008 (Middle Mountain Site, large MK-15 shaker)

2008 10 18	00:32	0-8Hz-0	70:0:70:40	10/17/08 23:32 overlap
2008 10 18	01:32	0-8Hz-0	70:0:70:40	
2008 10 18	02:32	0-8Hz-0	70:0:70:40	
2008 10 18	03:32	0-8Hz-0	70:0:70:40	
2008 10 18	04:33	0-8Hz-0	70:0:70:40	Rain at ~4:10-4:25
2008 10 18	05:33	0-8Hz-0	70:0:70:40	
2008 10 18	06:33	0-8Hz-0	70:0:70:40	
2008 10 18	07:33	0-8Hz-0	70:0:70:40	
2008 10 18	08:36-9:26	-	-	Stop - check noise tighten bolts on shaker
2008 10 18	09:29-9:31	-	-	Stop - still noise
2008 10 18	09:38-9:44	-	-	Stop - still 4.5 Hz noise, hub loose, cannot safely continue
2008 10 18	12:40-12:56	linear spectrum	-	Linear spectrum