

Miramar Siesmic Reading: White Rock Quarries.

Location: 17040 SW 53 Ct

Date:	Time:	PPV:
11/18/2020	3:04 PM	0.05
11/19/2020	11:33 AM	0.06
11/20/2020	11:33 AM	0.08
11/23/2020	2:49 PM	0.058
11/24/2020	1:49 PM	0.045
12/1/2020	11:34 AM	0.05
12/3/2020	1:19 PM	0.058
12/4/2020	11:20 AM	0.063
12/7/2020	1:22 PM	0.18
12/8/2020	11:20 AM	0.055
12/10/2020	11:50 AM	0.058
12/11/2020	11:35 AM	0.05
12/14/2020	2:20 PM	0.012
12/15/2020	1:20 PM	0.048
12/16/2020	11:50 AM	0.06
12/17/2020	11:50 AM	0.03

Location: 5276 SW 152 Ave

Date:	Time:	PPV:
11/18/2020	8:57	0.178
11/18/2020	9:40 AM	0.18
11/19/2020	11:30 AM	0.04
11:20/2020	11:30 AM	0.043
12/1/2020	11:31 AM	0.04
12/3/2020	1:16 PM	0.063
12/7/2020	1:19 PM	0.083
12/9/2020	9:39 AM	0.045
12/10/2020	11:47 AM	0.06
12/14/2020	9:00 AM	0.063
12/14/2020	2:17 PM	0.043
12/15/2020	1:17 PM	0.08
1/4/2021	11:37 AM	0.048
1/8/2021	1:18 PM	0.19
1/12/2021	1:37 PM	0.06
1/14/2021	11:20	0.058
1/15/2021	1:19 PM	0.085
1/19/2021	11:20 AM	0.033
1/20/2021	1:34 PM	0.083
1/21/2021	1:19 PM	0.065
1/22/2021	1:20 PM	0.048
1/26/2021	1:20 PM	0.068
1/27/2021	1:26 PM	0.083

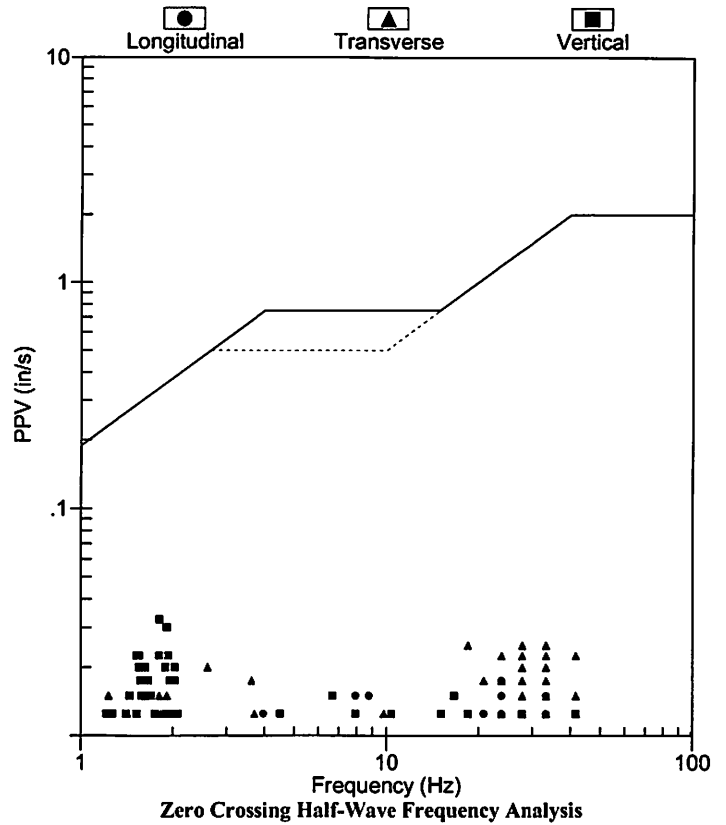
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 11/18/2020 15:03:33
Event No: 1
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5148 Event: 1



	Summary Data		
	L	T	V
PPV (in/s)	0.018	0.050	0.033
FREQ (Hz)	41.7	27.8	1.8
PD (.001")	1.12	1.58	2.76
PPA (g)	0.007	0.033	0.020
Peak Vector Sum :	0.050 in/s		
Peak Air Pressure:	110 db		
	0.00107 PSI @ 7.6 Hz		

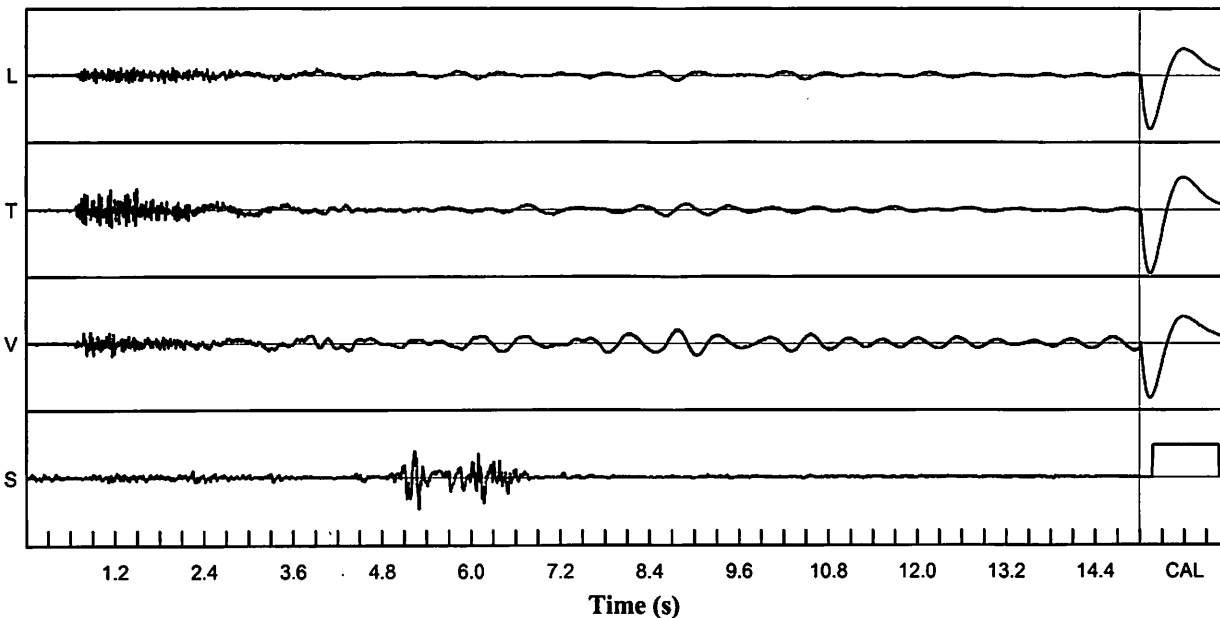
Additional Info:

Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5148 Event: 1



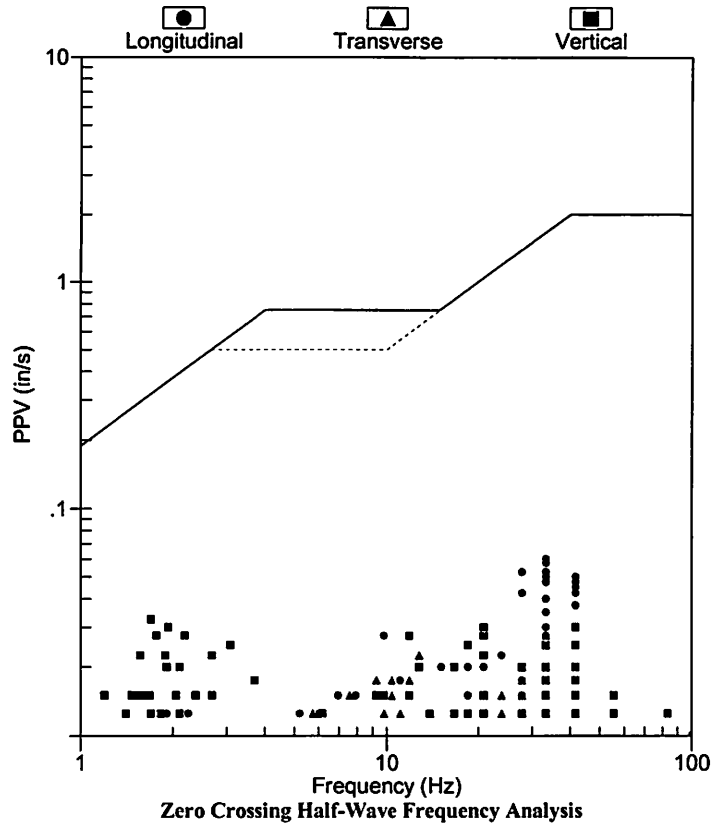
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 11/19/2020 11:33:10
Event No: 2
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5148 Event: 2



	Summary Data		
	L	T	V
PPV (in/s)	0.060	0.028	0.038
FREQ (Hz)	33.3	33.3	16.7
PD (.001")	1.06	0.63	2.86
PPA (g)	0.033	0.013	0.020
Peak Vector Sum :	0.060 in/s		
Peak Air Pressure:	90 db		
	0.00021 PSI @ 1.4 Hz		

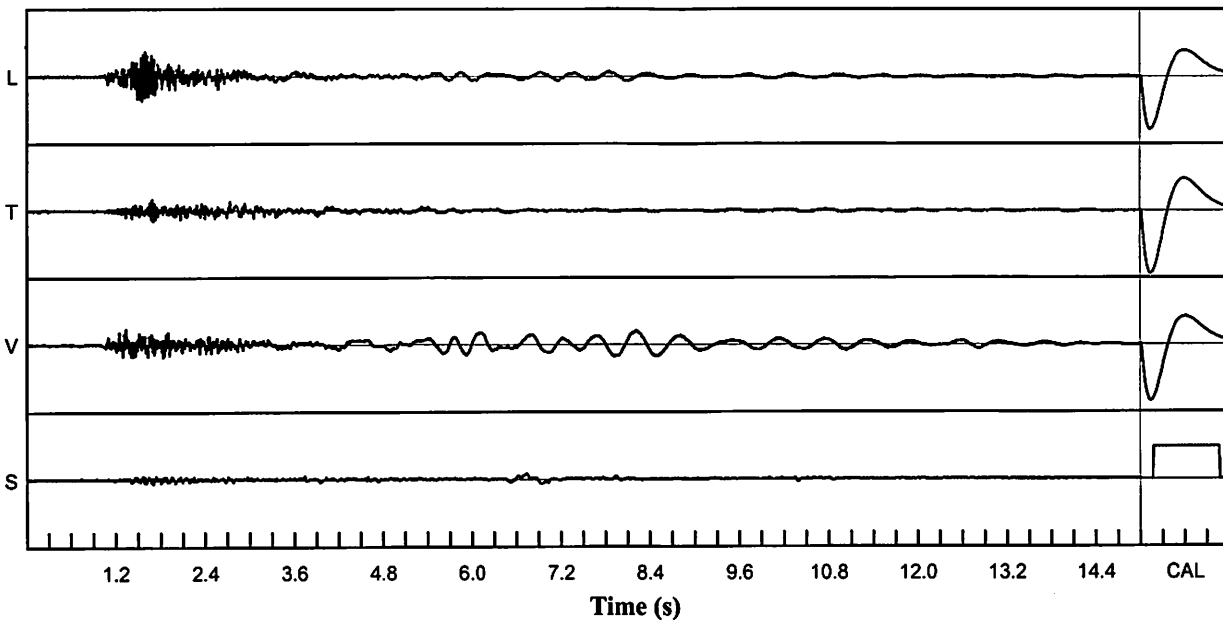
Additional Info:

Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5148 Event: 2



Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 11/20/2020 11:33:19
Event No: 3
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

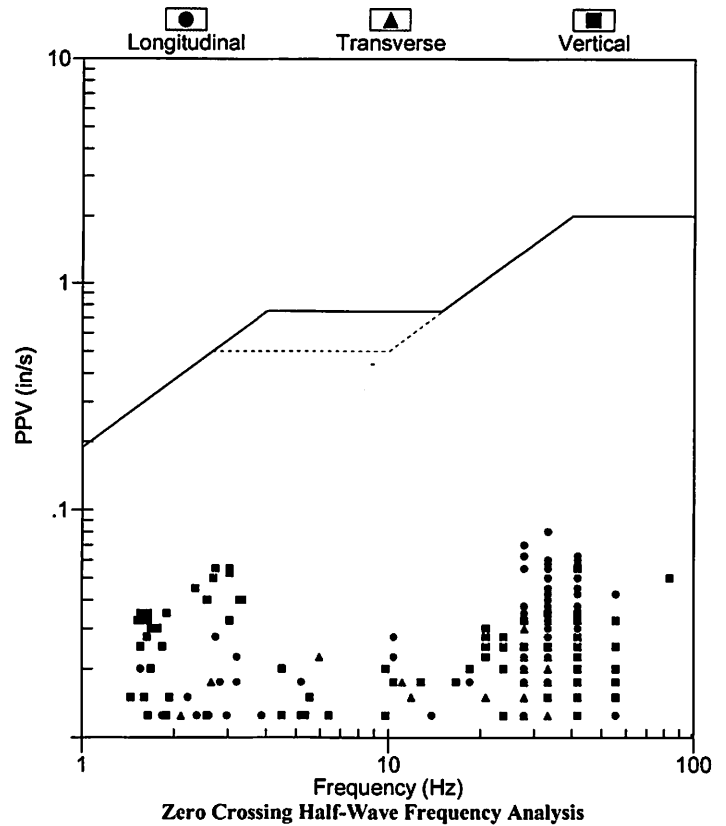
SN: 5148 Event: 3

	Summary Data		
	L	T	V
PPV (in/s)	0.080	0.033	0.055
FREQ (Hz)	33.3	33.3	41.7
PD (.001")	1.35	0.70	3.47
PPA (g)	0.046	0.020	0.026
Peak Vector Sum :	0.088 in/s		
Peak Air Pressure:	99 db		
	0.00043 PSI @ 11.1 Hz		

Additional Info:

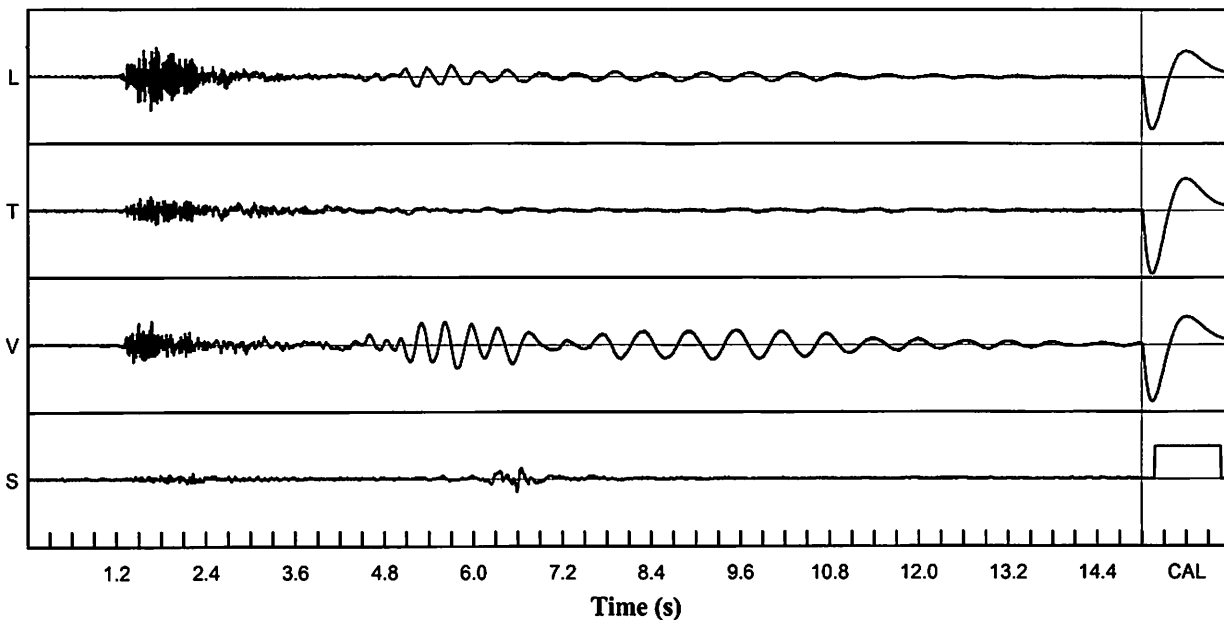
Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI



Velocity Waveform

SN: 5148 Event: 3



Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 11/23/2020 14:48:45
Event No: 4
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

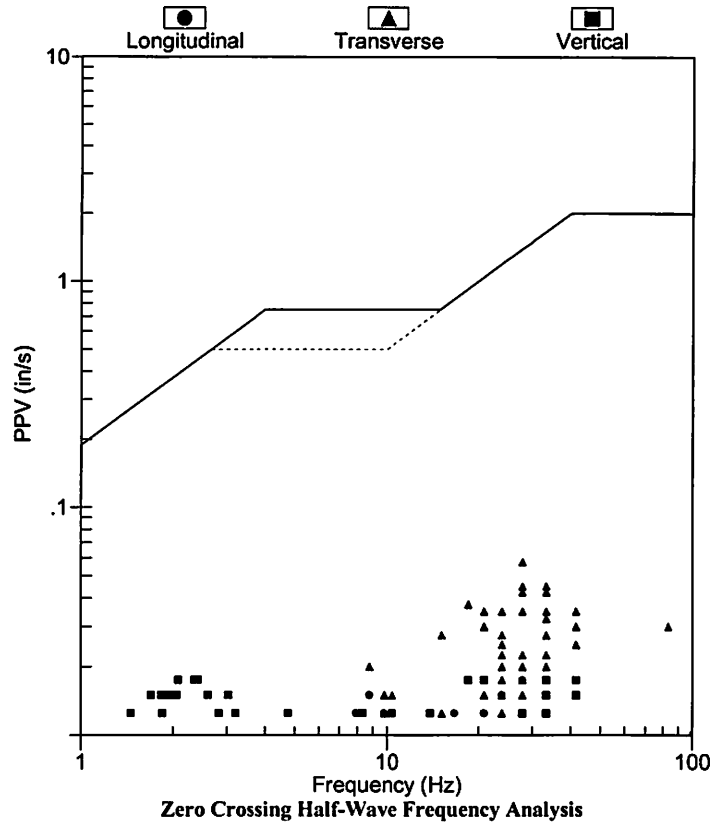
SN: 5148 Event: 4

	Summary Data		
	L	T	V
PPV (in/s)	0.025	0.058	0.028
FREQ (Hz)	27.8	27.8	18.5
PD (.001")	0.58	0.71	1.30
PPA (g)	0.013	0.026	0.013
Peak Vector Sum :	0.058 in/s		
Peak Air Pressure:	90 db		
	0.00021 PSI @ 7.6 Hz		

Additional Info:

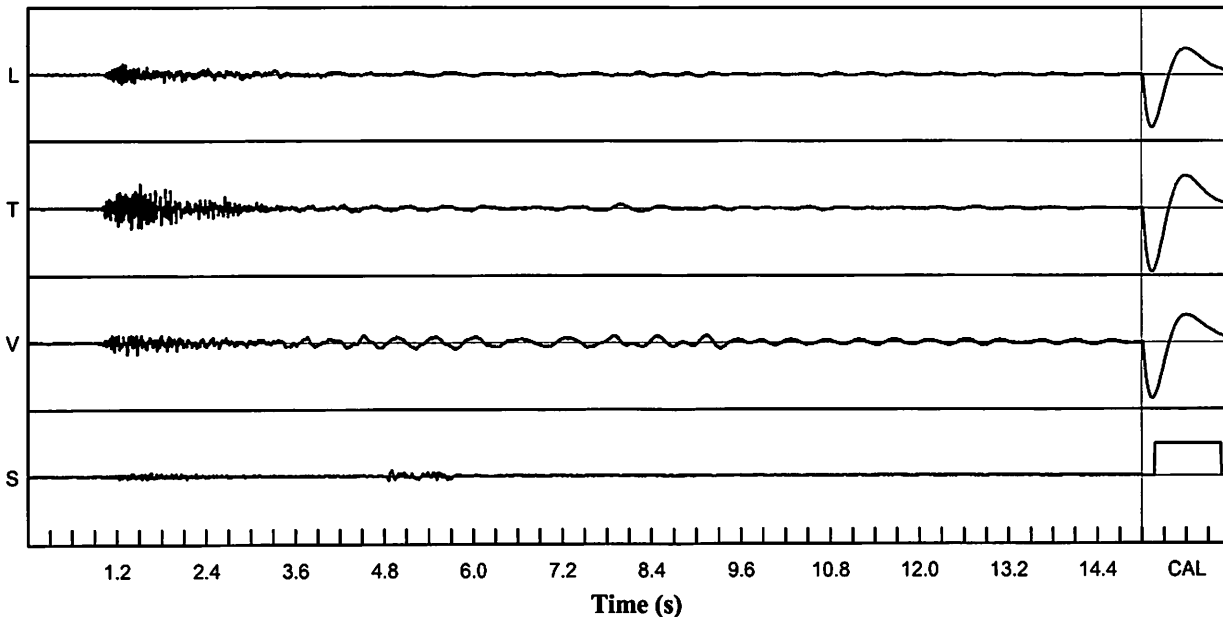
Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI



Velocity Waveform

SN: 5148 Event: 4



Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 11/24/2020 13:49:05
Event No: 5
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

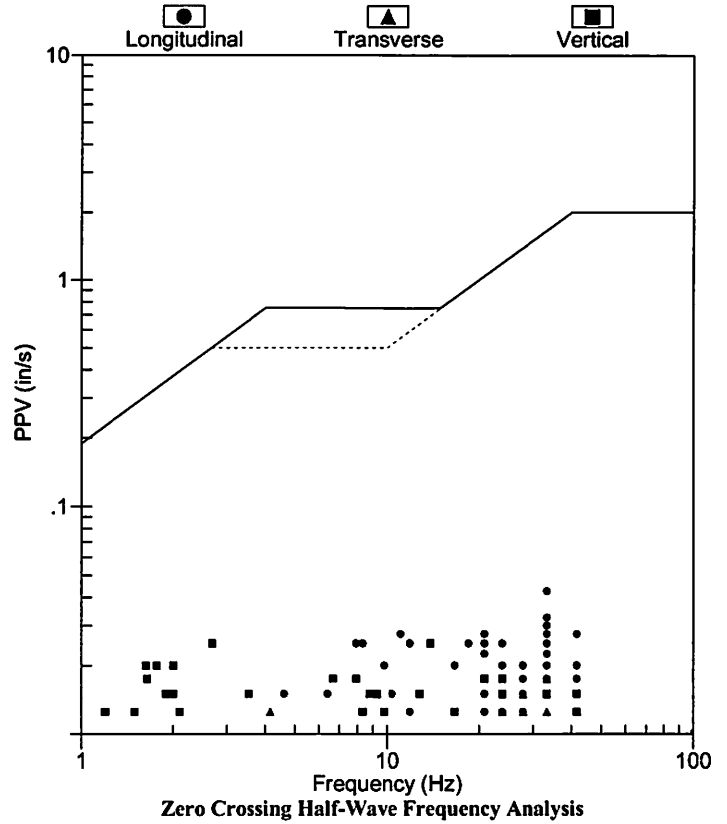
SN: 5148 Event: 5

	Summary Data		
	L	T	V
PPV (in/s)	0.045	0.018	0.028
FREQ (Hz)	23.8	33.3	10.4
PD (.001")	0.89	0.51	1.79
PPA (g)	0.020	0.007	0.013
Peak Vector Sum :	0.053 in/s		
Peak Air Pressure:	87 db		
	0.00014 PSI @ 1.0 Hz		

Additional Info:

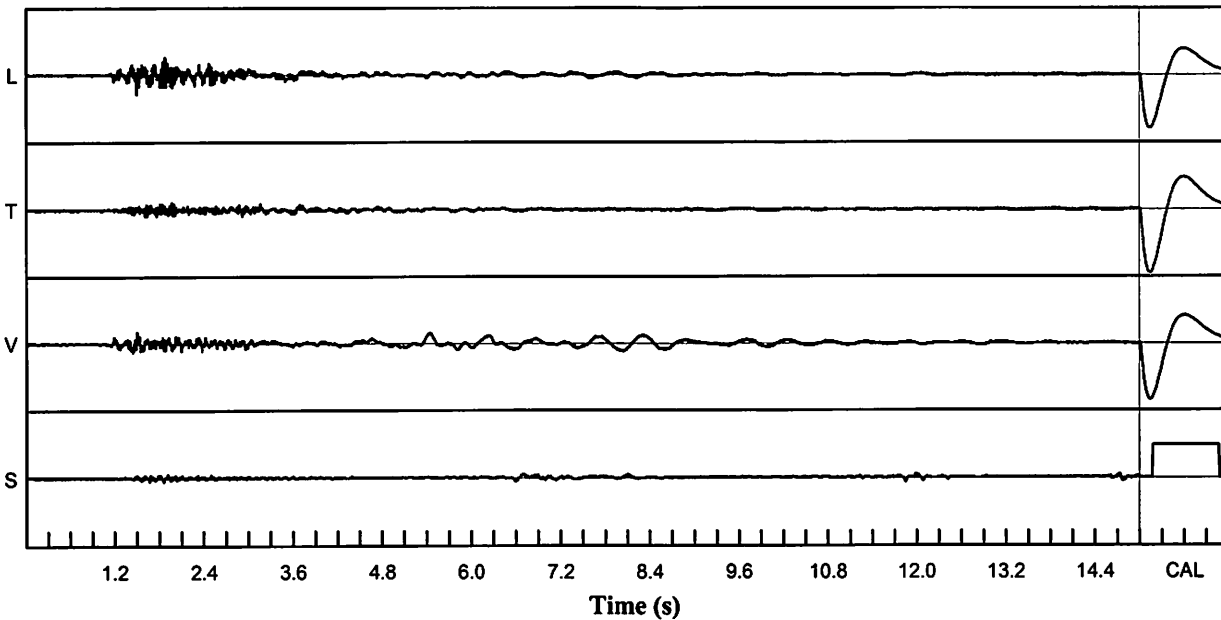
Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI



Velocity Waveform

SN: 5148 Event: 5



Seismic Analysis

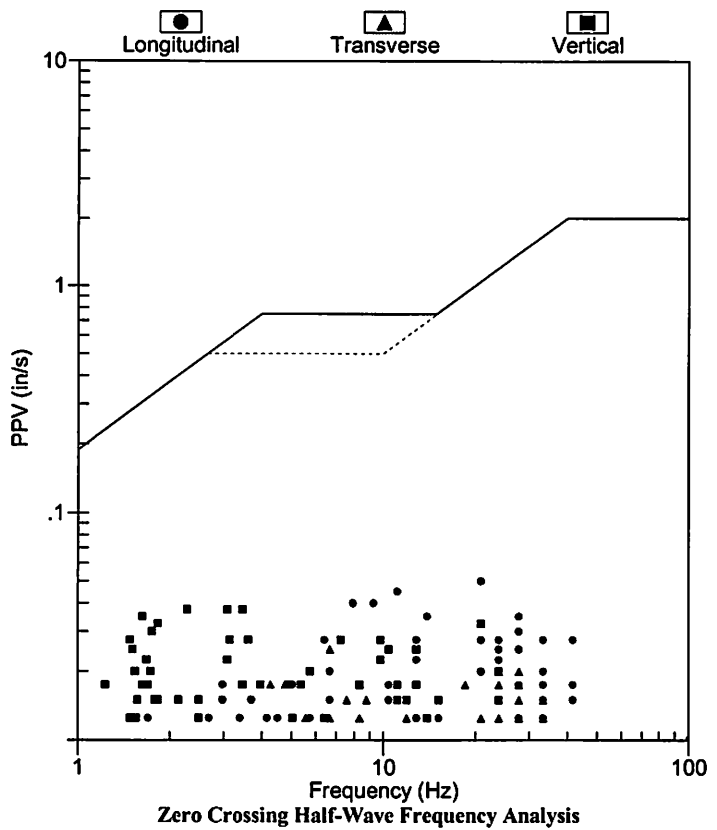
Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 12/01/2020 11:34:12
Event No: 6
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5148 Event: 6

	Summary Data		
	L	T	V
PPV (in/s)	0.050	0.025	0.038
FREQ (Hz)	20.8	6.7	9.3
PD (.001")	1.00	0.69	2.93
PPA (g)	0.020	0.007	0.007
Peak Vector Sum :	0.053 in/s		
Peak Air Pressure:	88 db		
	0.00018 PSI @ 2.1 Hz		



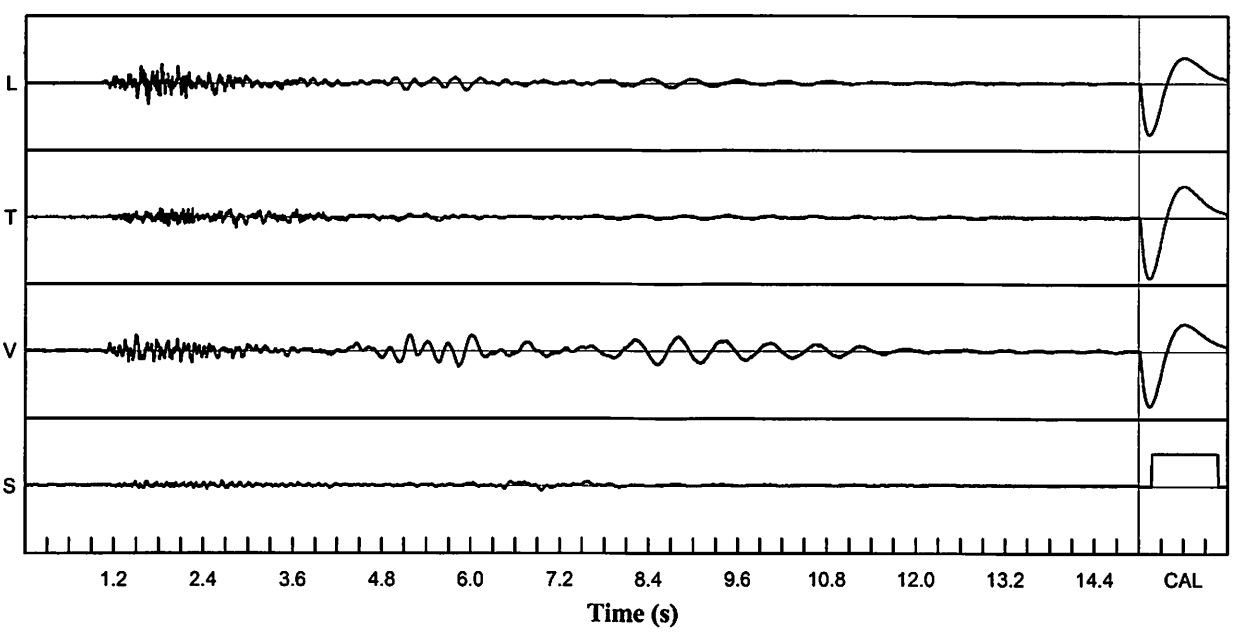
Additional Info:

Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5148 Event: 6



Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 12/03/2020 13:19:17
Event No: 7
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

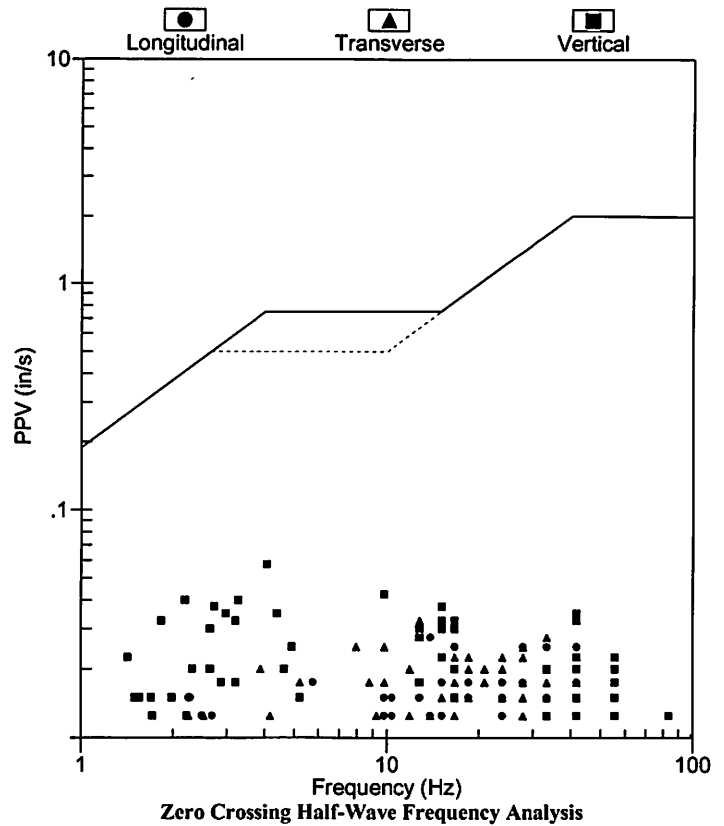
SN: 5148 Event: 7

	Summary Data		
	L	T	V
PPV (in/s)	0.028	0.033	0.058
FREQ (Hz)	13.9	12.8	4.1
PD (.001")	1.01	0.90	2.41
PPA (g)	0.013	0.013	0.020
Peak Vector Sum :	0.058 in/s		
Peak Air Pressure:	90 db		
	0.00021 PSI @ 11.1 Hz		

Additional Info:

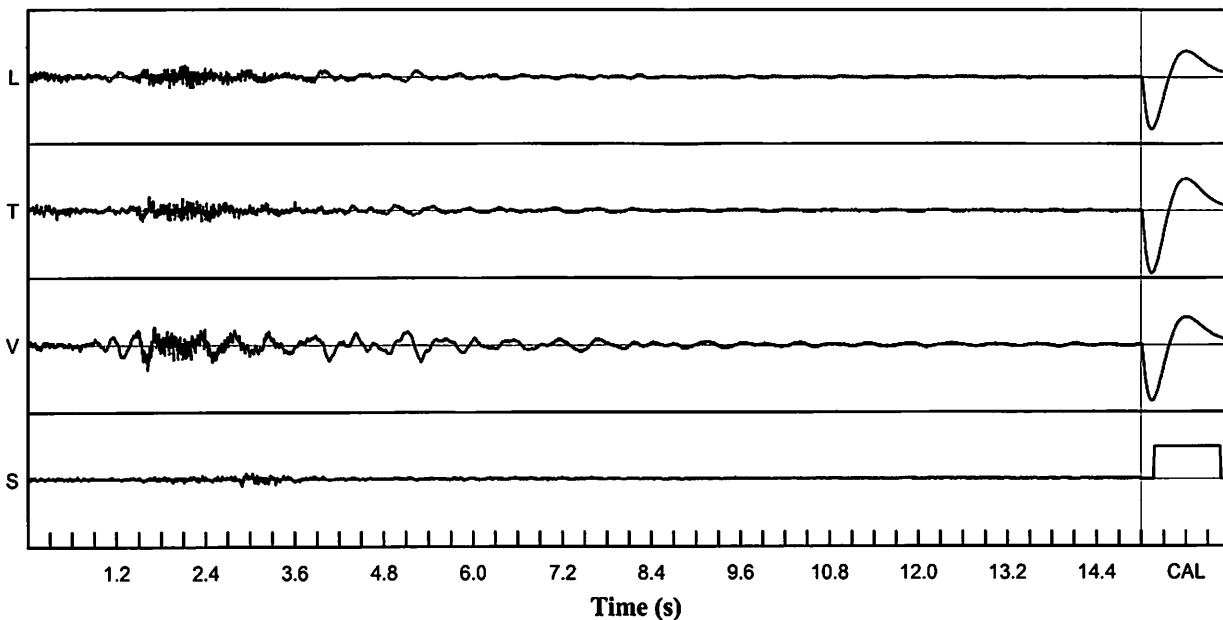
Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI



Velocity Waveform

SN: 5148 Event: 7



Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 12/04/2020 11:19:33
Event No: 8
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5148 Event: 8

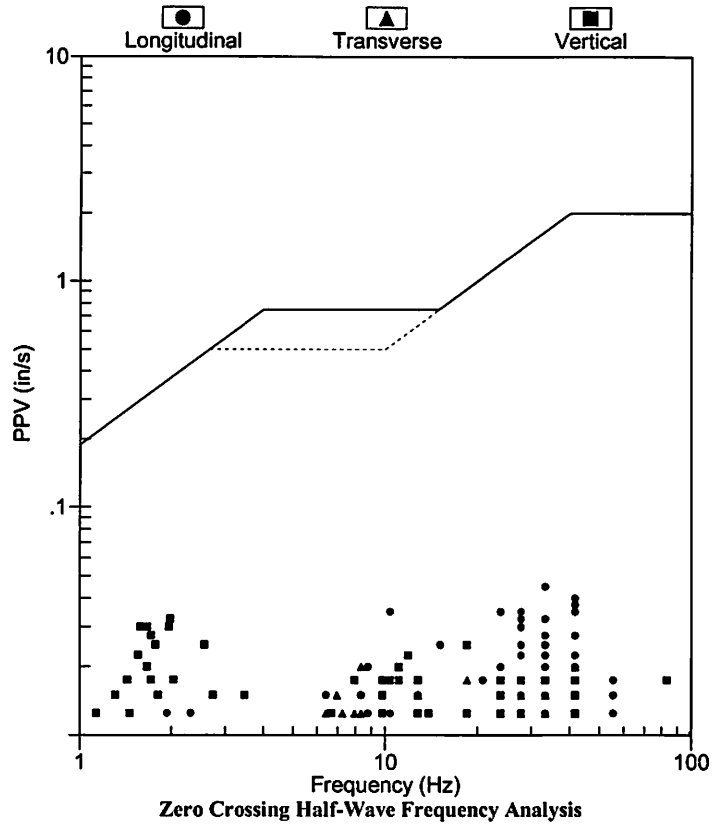
	Summary Data		
	L	T	V
PPV (in/s)	0.063	0.020	0.033
FREQ (Hz)	33.3	41.7	2.0
PD (.001")	1.06	0.65	2.86
PPA (g)	0.033	0.013	0.020
Peak Vector Sum :	0.065 in/s		
Peak Air Pressure:	98 db		
	0.00039 PSI @ 3.3 Hz		

Additional Info:

Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

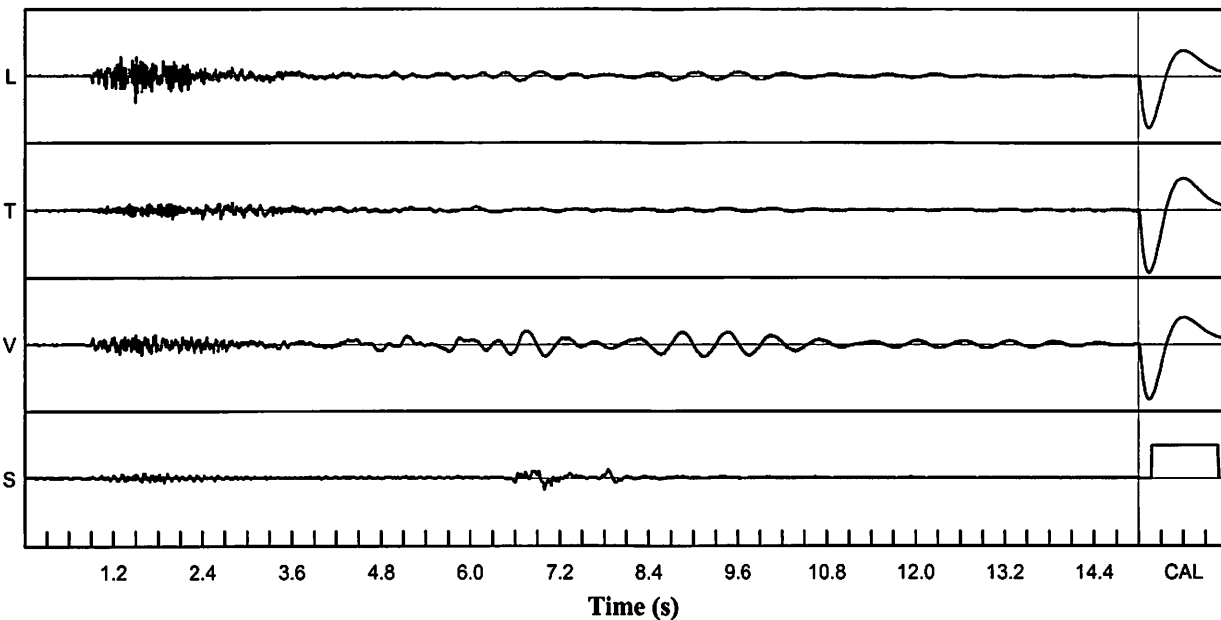
Velocity Waveform Graph Scale

Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI



Velocity Waveform

SN: 5148 Event: 8



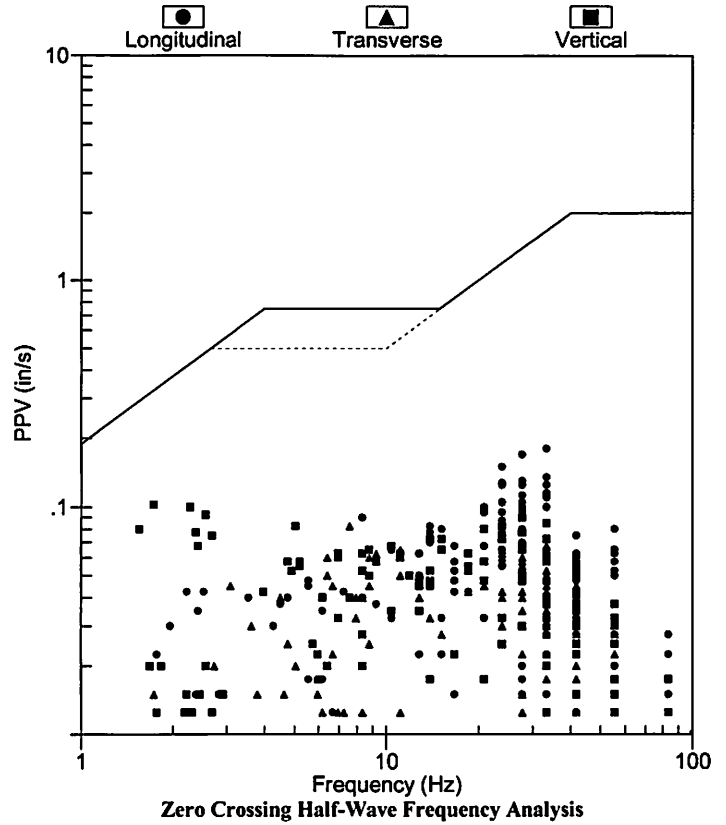
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 12/07/2020 13:21:57
Event No: 9
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5148 Event: 9



	Summary Data		
	L	T	V
PPV (in/s)	0.180	0.083	0.103
FREQ (Hz)	33.3	7.6	1.7
PD (.001")	2.30	1.93	6.16
PPA (g)	0.085	0.039	0.046
Peak Vector Sum :	0.193 in/s		
Peak Air Pressure:	107 db		
	0.00071 PSI @ 9.8 Hz		

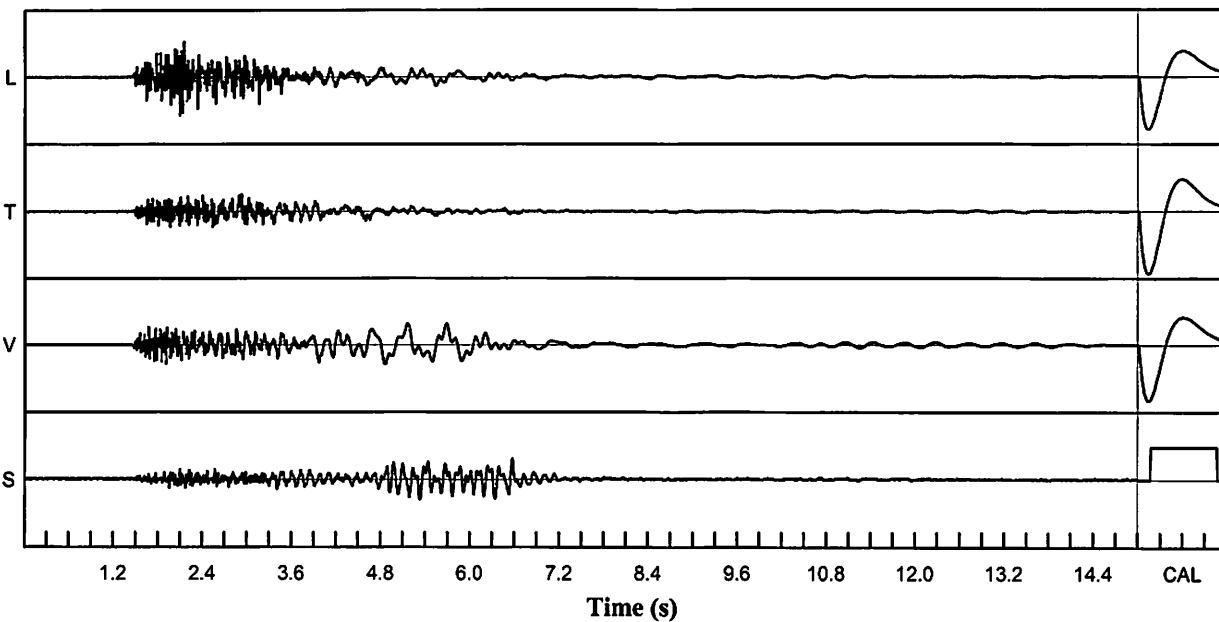
Additional Info:

Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.320 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5148 Event: 9



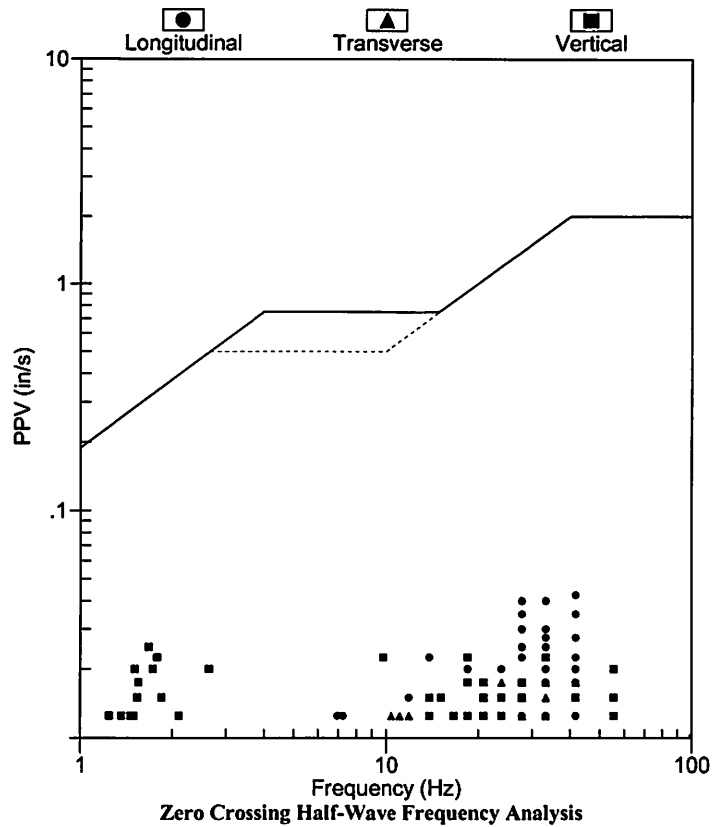
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 12/08/2020 11:19:39
Event No: 10
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5148 Event: 10



	Summary Data		
	L	T	V
PPV (in/s)	0.055	0.018	0.025
FREQ (Hz)	27.8	41.7	1.7
PD (.001")	0.89	0.51	2.22
PPA (g)	0.033	0.013	0.013
Peak Vector Sum :	0.055 in/s		
Peak Air Pressure:	93 db		
	0.00028 PSI @ 2.5 Hz		

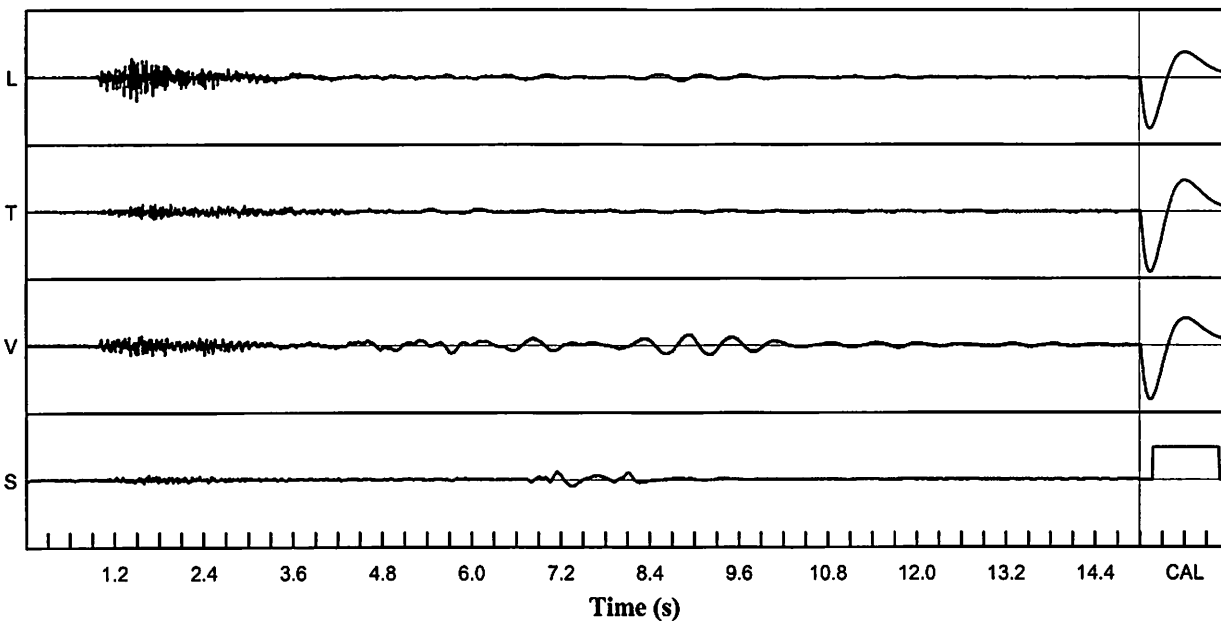
Additional Info:

Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5148 Event: 10



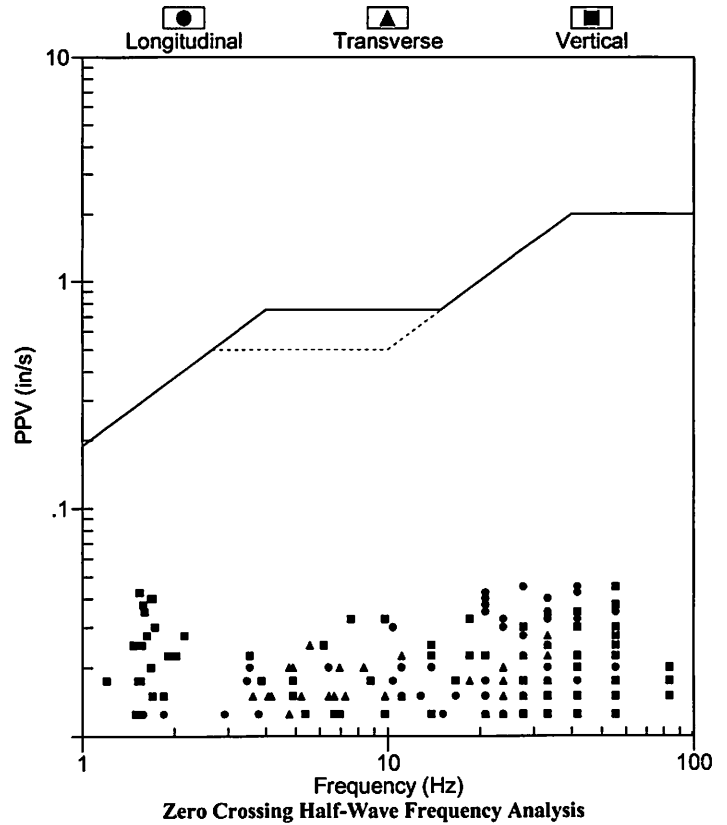
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 12/10/2020 11:49:47
Event No: 11
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5148 Event: 11



	Summary Data		
	L	T	V
PPV (in/s)	0.058	0.035	0.053
FREQ (Hz)	33.3	33.3	12.8
PD (.001")	1.19	0.95	4.02
PPA (g)	0.039	0.020	0.039
Peak Vector Sum :	0.063 in/s		
Peak Air Pressure:	91 db		
	0.00025 PSI @ 2.5 Hz		

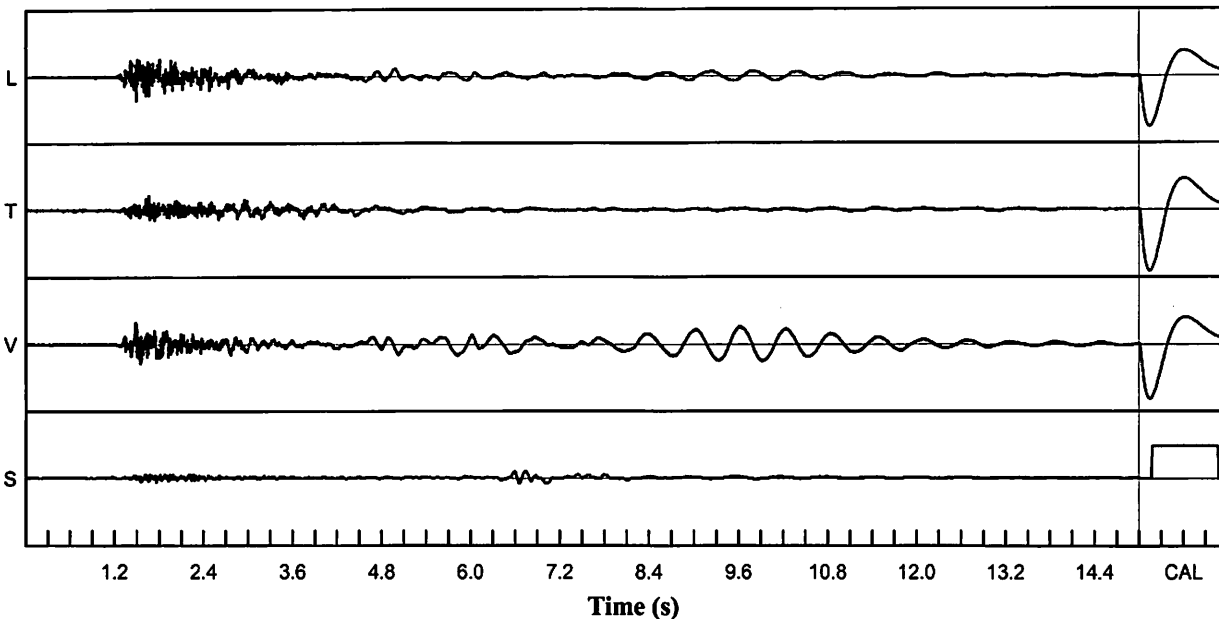
Additional Info:

Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5148 Event: 11



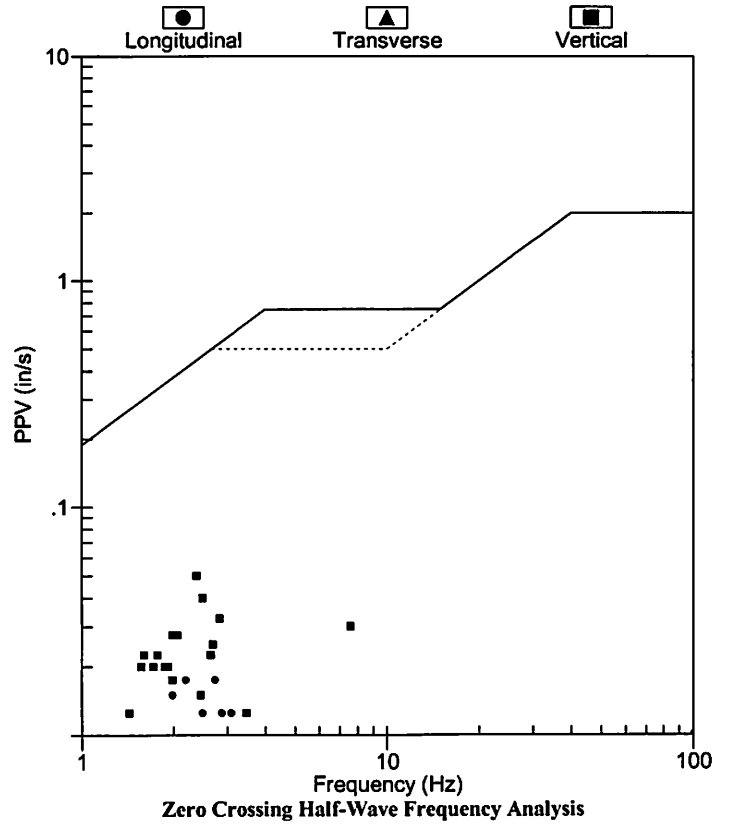
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 12/11/2020 11:34:57
Event No: 12
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5148 Event: 12



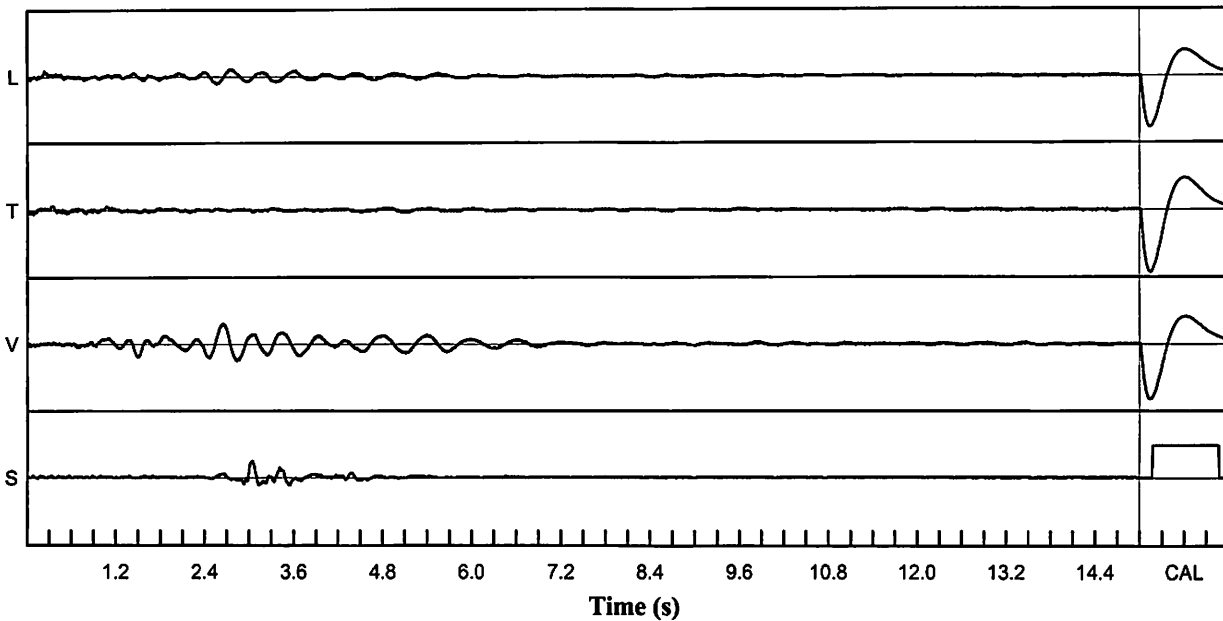
Additional Info:

Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5148 Event: 12



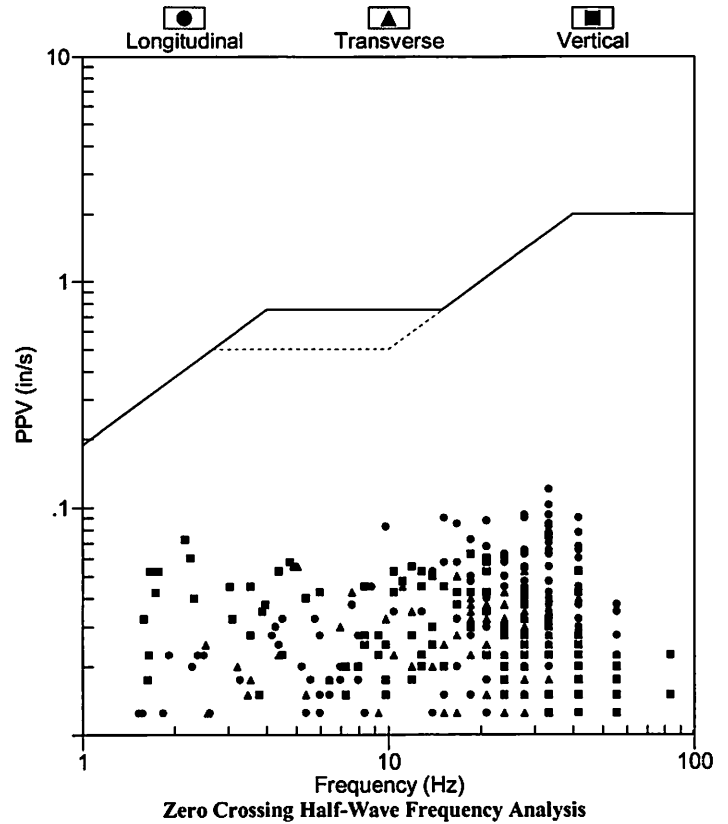
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 12/14/2020 14:19:57
Event No: 1
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5148 Event: 1



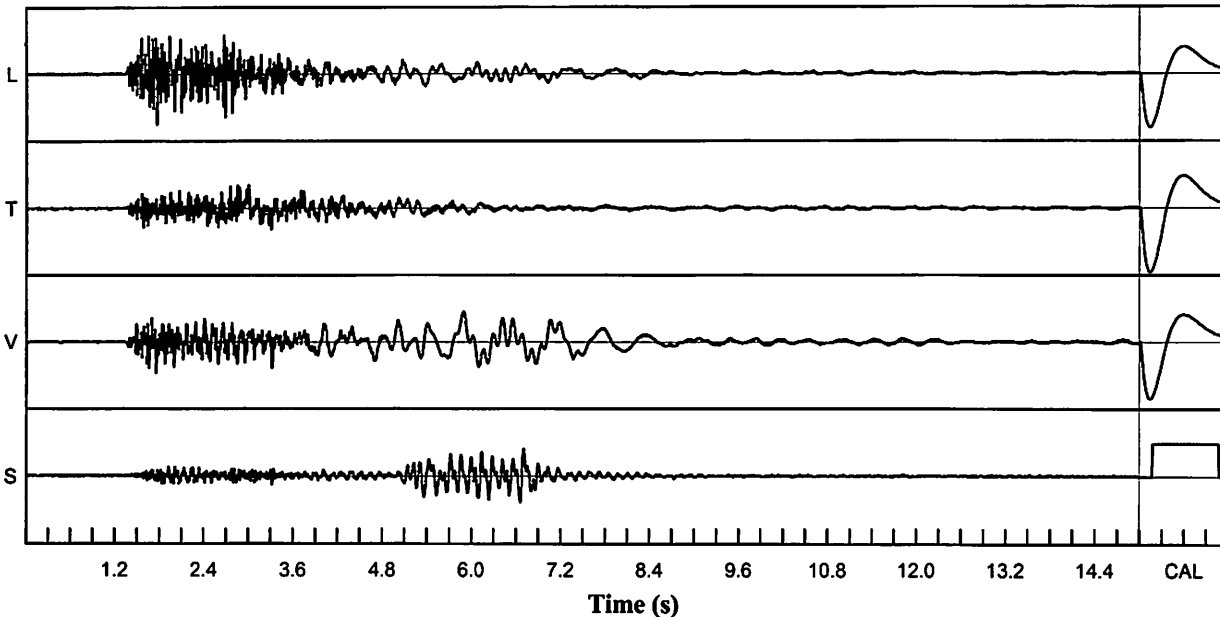
Additional Info:

Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5148 Event: 1



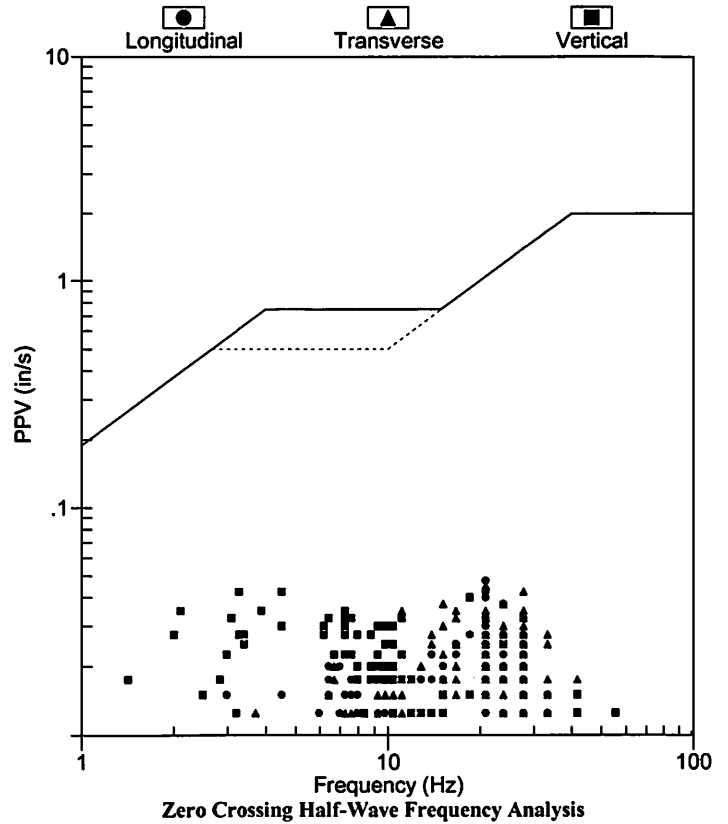
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 12/15/2020 13:19:50
Event No: 2
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5148 Event: 2



	Summary Data		
	L	T	V
PPV (in/s)	0.048	0.045	0.043
FREQ (Hz)	20.8	20.8	4.5
PD (.001")	0.73	0.81	1.89
PPA (g)	0.020	0.020	0.013
Peak Vector Sum :	0.068 in/s		
Peak Air Pressure:	96 db		
	0.00036 PSI @ 15.2 Hz		

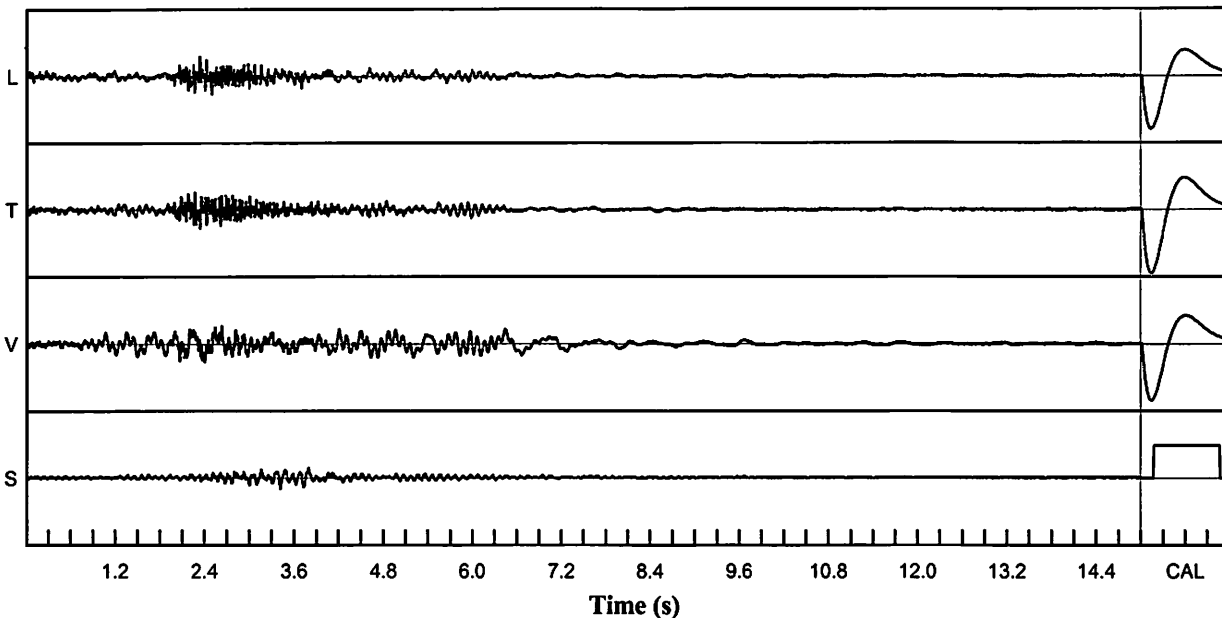
Additional Info:

Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5148 Event: 2



Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 12/16/2020 11:50:05
Event No: 3
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

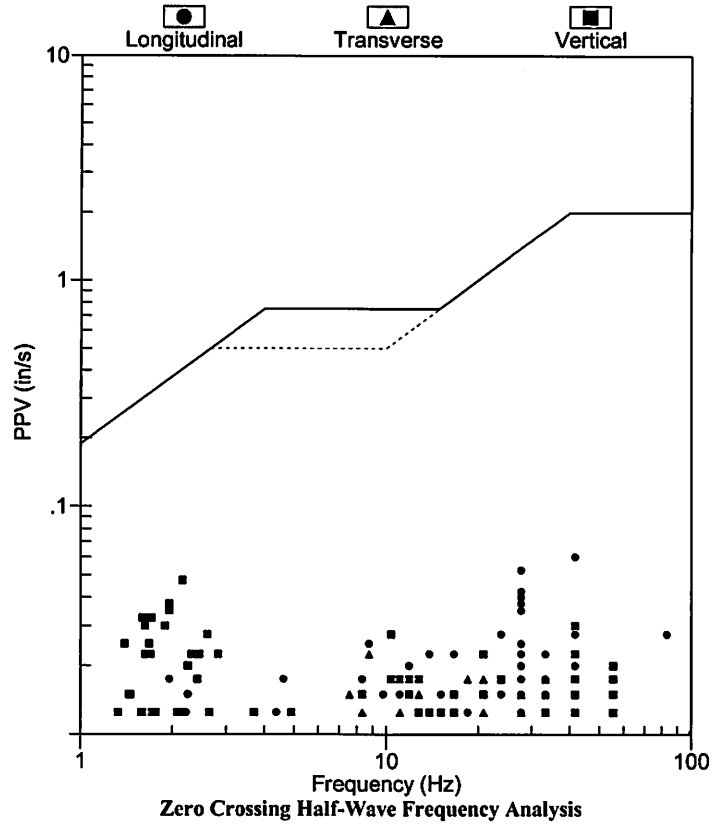
SN: 5148 Event: 3

	Summary Data		
	L	T	V
PPV (in/s)	0.060	0.023	0.048
FREQ (Hz)	41.7	8.8	2.2
PD (.001")	1.22	0.60	3.39
PPA (g)	0.033	0.013	0.020
Peak Vector Sum :	0.063 in/s		
Peak Air Pressure:	106 db		
	0.00061 PSI @ 2.4 Hz		

Additional Info:

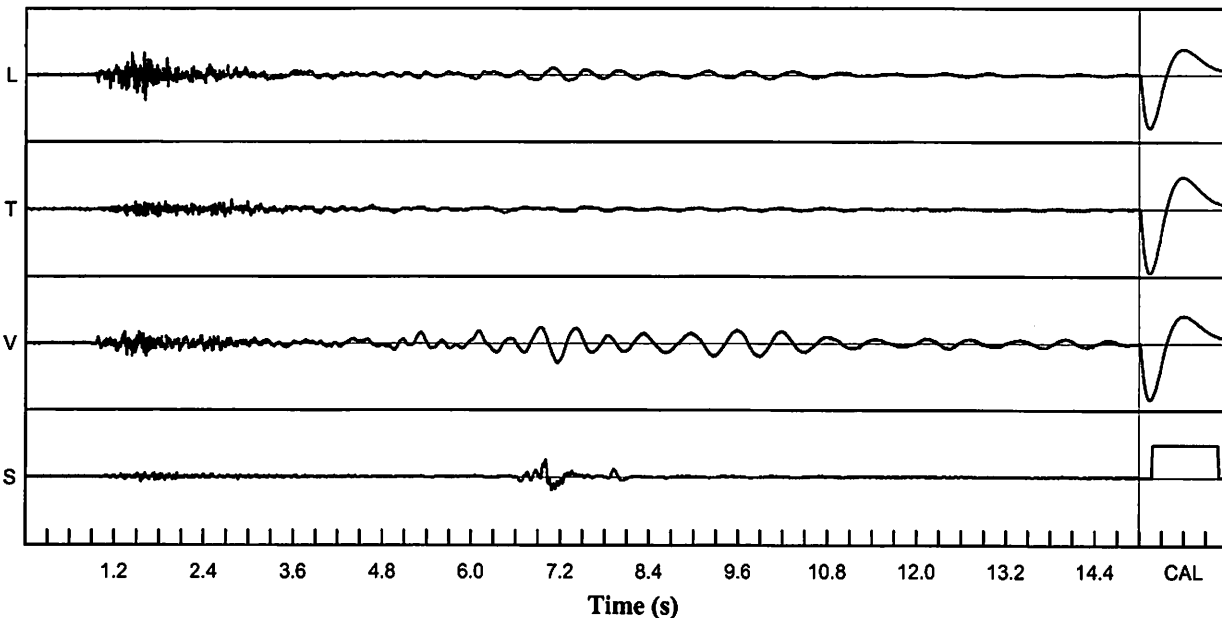
Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI



Velocity Waveform

SN: 5148 Event: 3



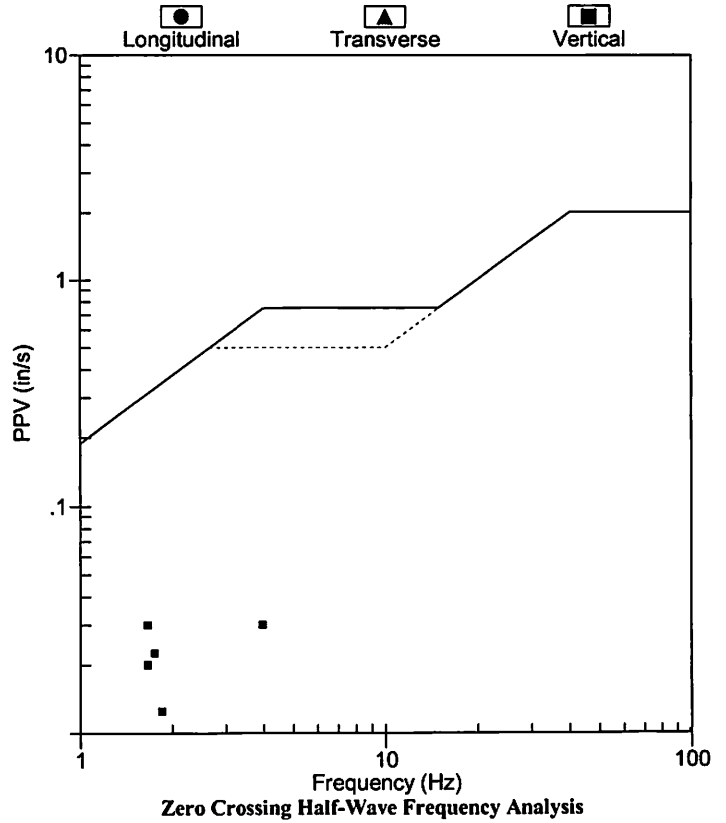
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5148 v3.67
Date: 12/17/2020 11:50:12
Event No: 4
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5148 Event: 4



	Summary Data		
	L	T	V
PPV (in/s)	0.010	0.005	0.030
FREQ (Hz)	1.7	5.1	1.8
PD (.001")	0.74	0.39	2.75
PPA (g)	0.007	0.007	0.007
Peak Vector Sum :	0.033 in/s		
Peak Air Pressure:	85 db		
	0.00011 PSI @ 1.0 Hz		

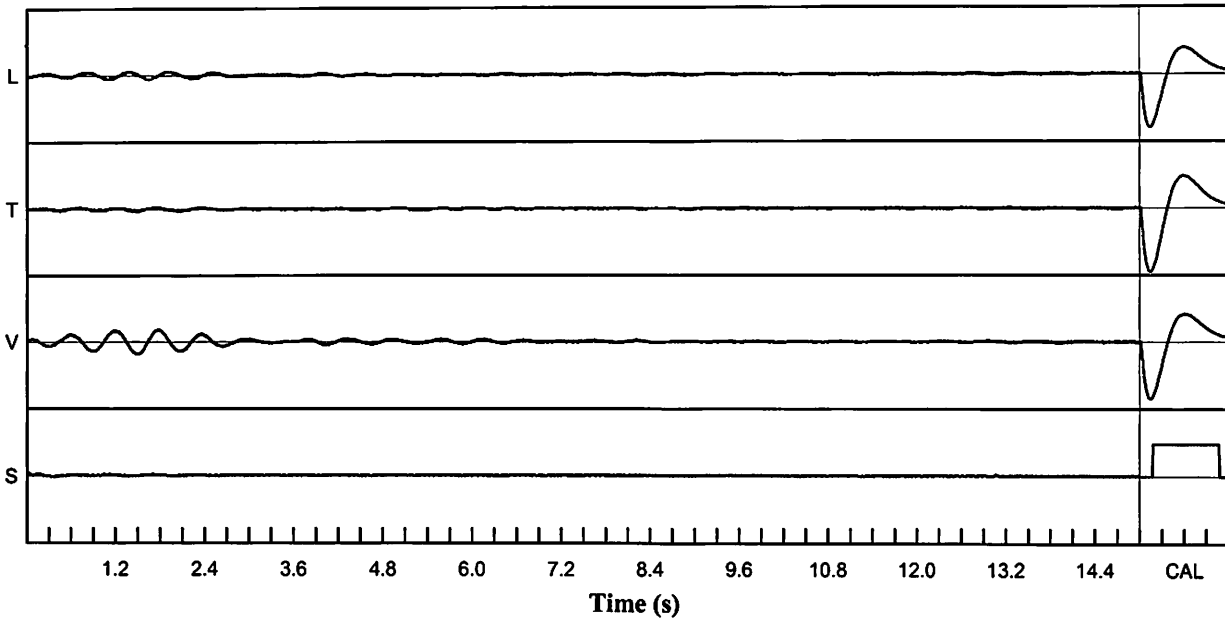
Additional Info:

Shaketable Calibrated: 06/30/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5148 Event: 4



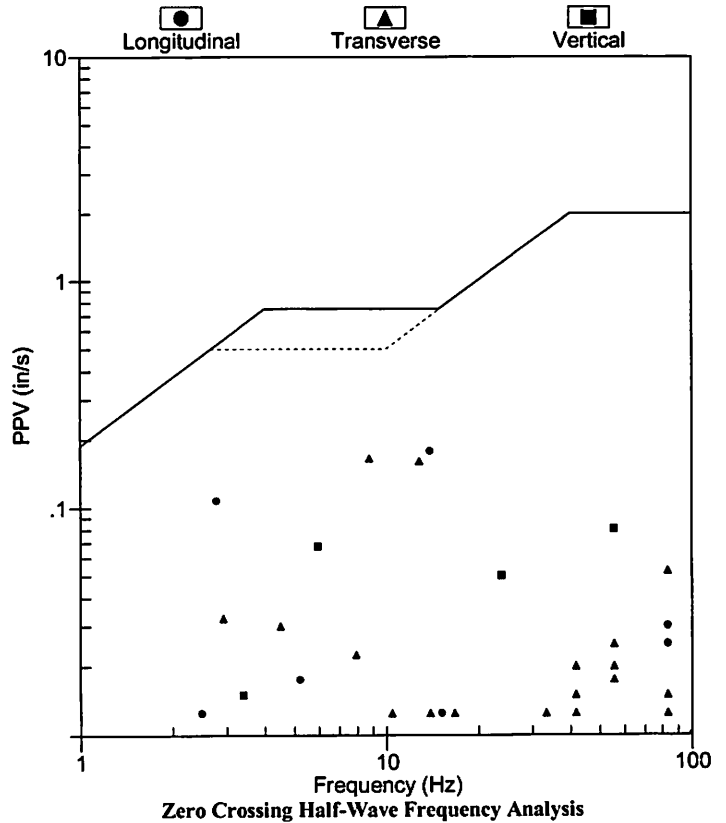
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 11/18/2020 08:57:26
Event No: 1
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 1



	Summary Data		
	L	T	V
PPV (in/s)	0.178	0.165	0.080
FREQ (Hz)	83.3	8.8	55.6
PD (.001")	1.64	2.91	1.16
PPA (g)	0.182	0.072	0.059
Peak Vector Sum :	0.205 in/s		
Peak Air Pressure:	111 db		
	0.00110 PSI @ 166.7 Hz		

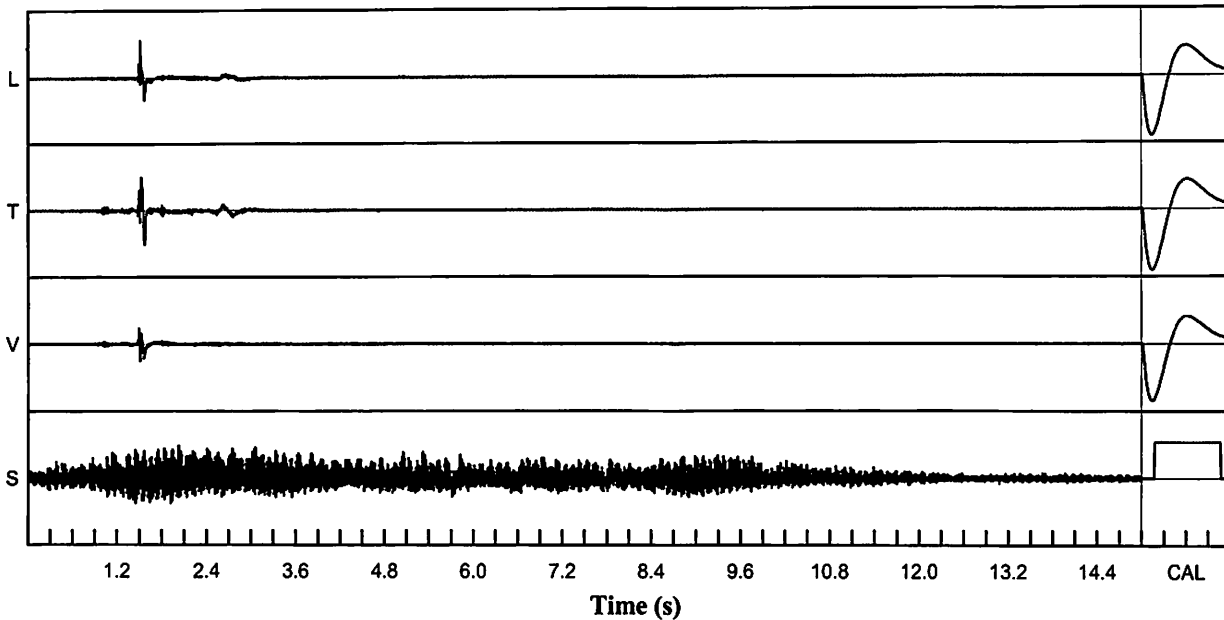
Additional Info:

Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.320 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 1



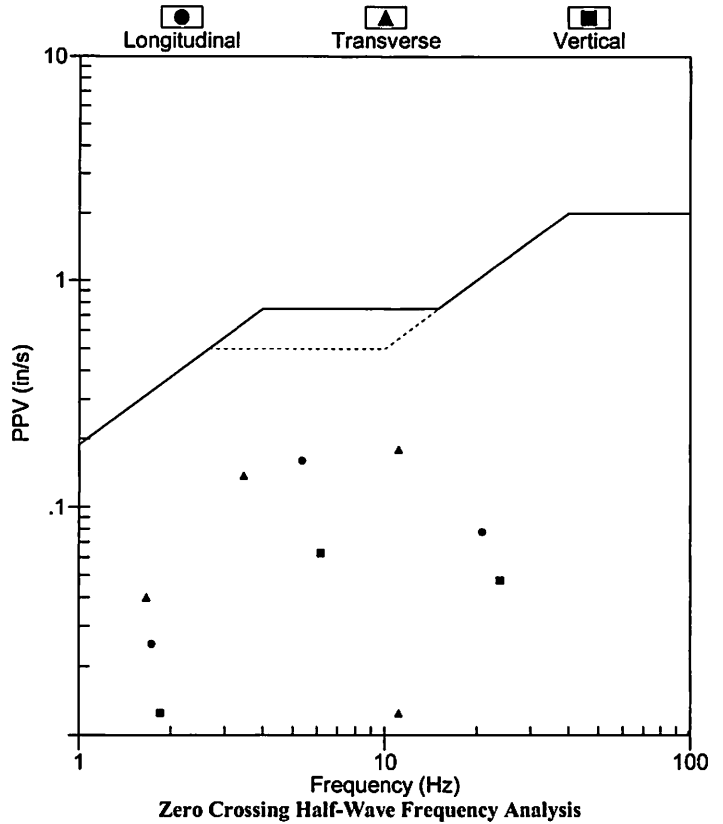
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 11/18/2020 09:39:30
Event No: 2
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 2



Additional Info:

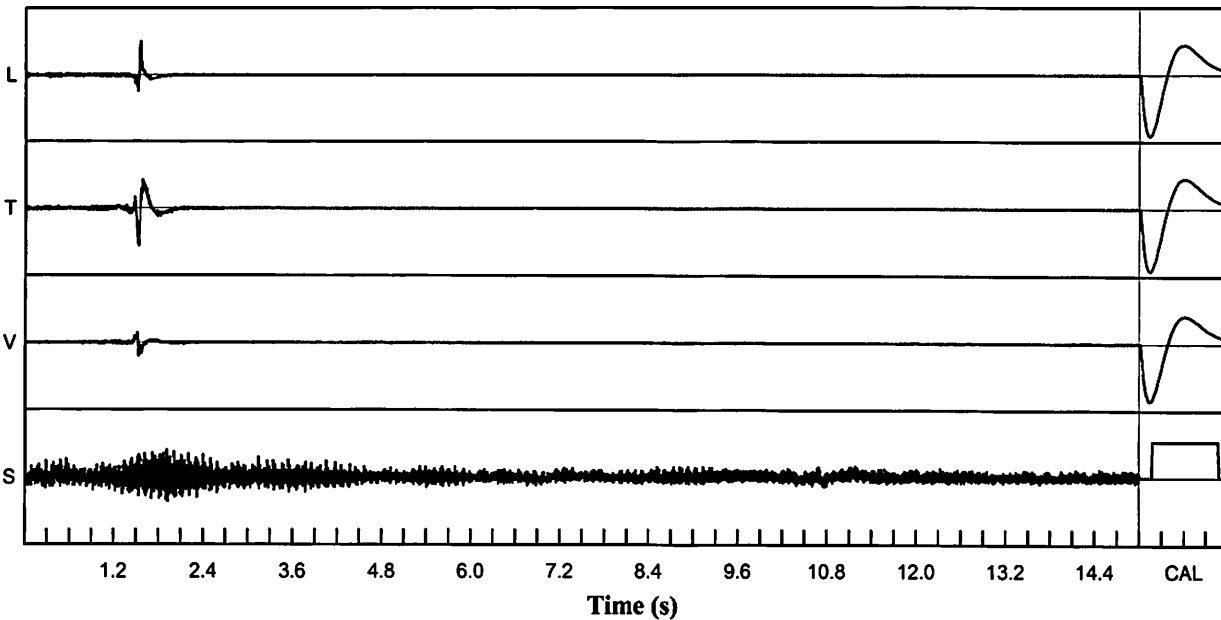
Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.300 s
Seismic Scale: +/- 0.320 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 2



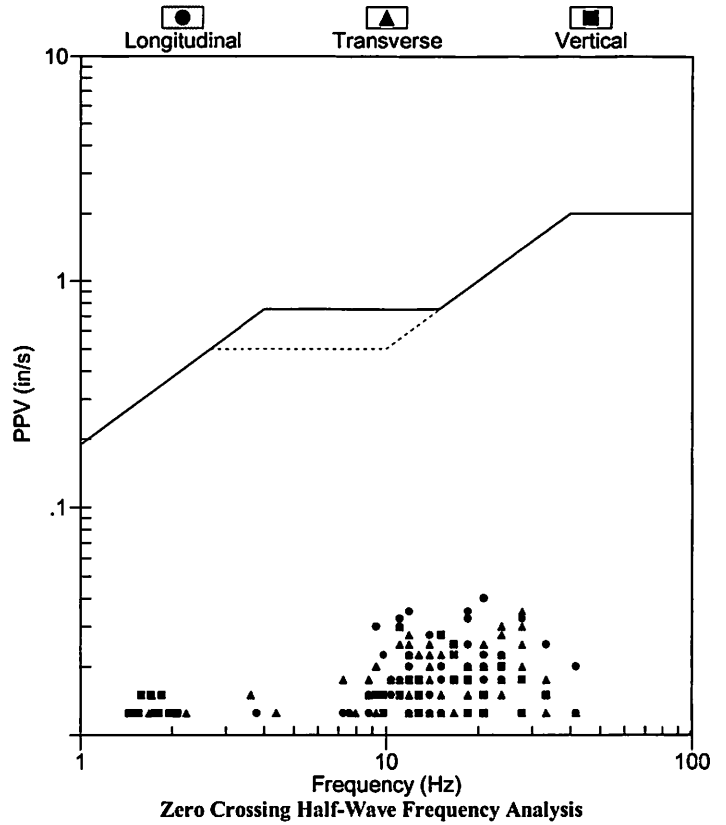
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 11/19/2020 11:29:49
Event No: 3
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 3



	Summary Data		
	L	T	V
PPV (in/s)	0.040	0.035	0.028
FREQ (Hz)	20.8	27.8	15.2
PD (.001")	0.81	1.11	1.32
PPA (g)	0.013	0.013	0.013
Peak Vector Sum :	0.053 in/s		
Peak Air Pressure:	103 db		
	0.00050 PSI @ 1.3 Hz		

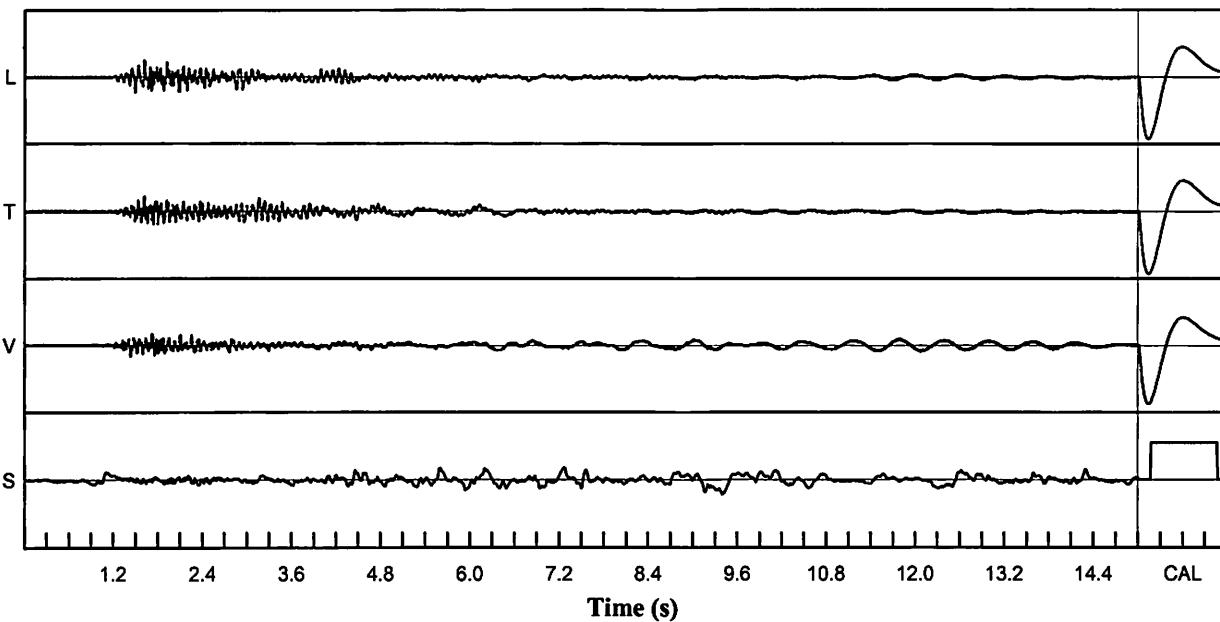
Additional Info:

Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 3



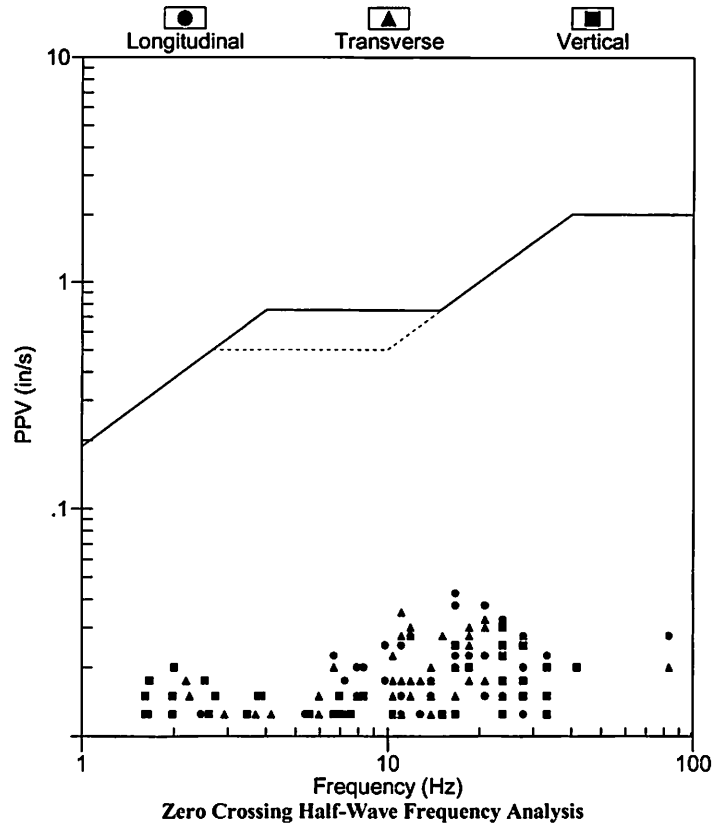
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 11/20/2020 11:29:59
Event No: 4
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 4



	Summary Data		
	L	T	V
PPV (in/s)	0.043	0.035	0.030
FREQ (Hz)	16.7	11.1	23.8
PD (.001")	0.77	1.09	1.44
PPA (g)	0.020	0.013	0.013
Peak Vector Sum :	0.055 in/s		
Peak Air Pressure:	92 db		
	0.00020 PSI @ 1.0 Hz		

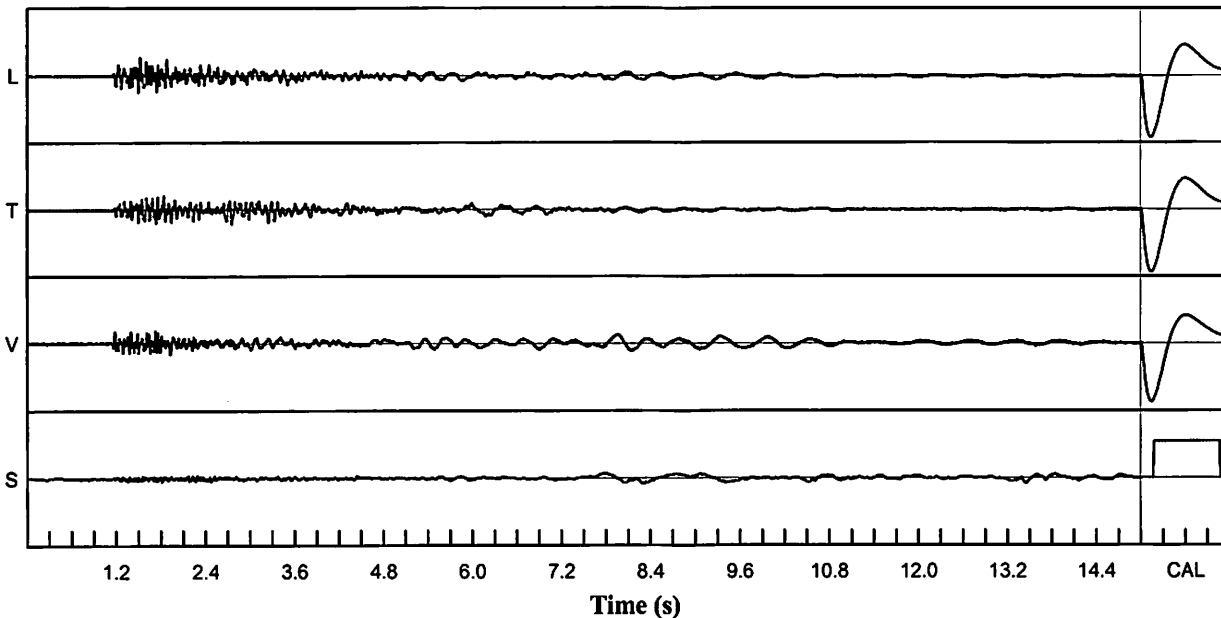
Additional Info:

Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 4



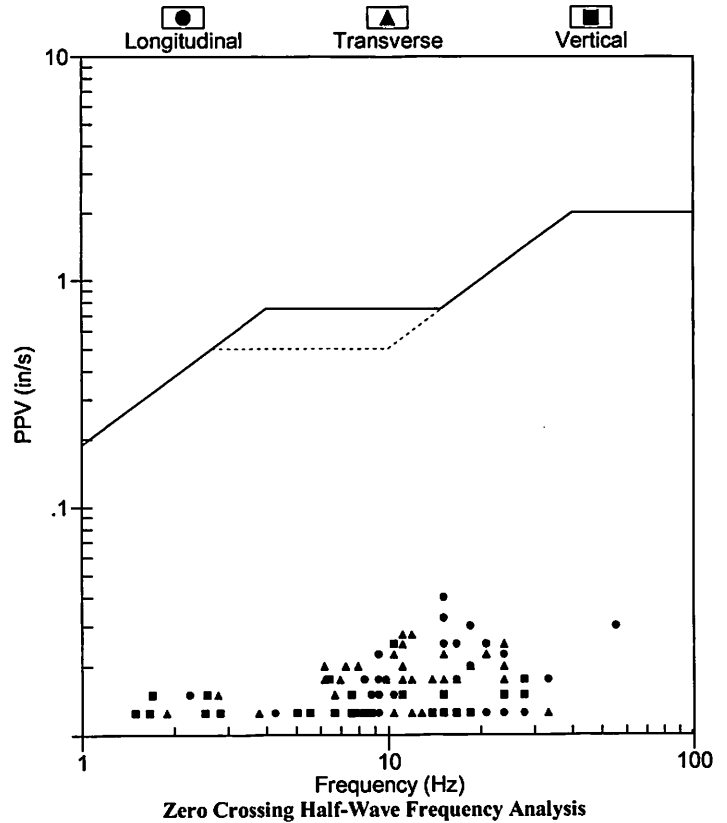
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 12/01/2020 11:31:03
Event No: 5
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 5



	Summary Data		
	L	T	V
PPV (in/s)	0.040	0.028	0.025
FREQ (Hz)	16.7	11.1	23.8
PD (.001")	0.74	0.82	1.13
PPA (g)	0.013	0.013	0.013
Peak Vector Sum :	0.050 in/s		
Peak Air Pressure:	90 db		
	0.00018 PSI @ 2.6 Hz		

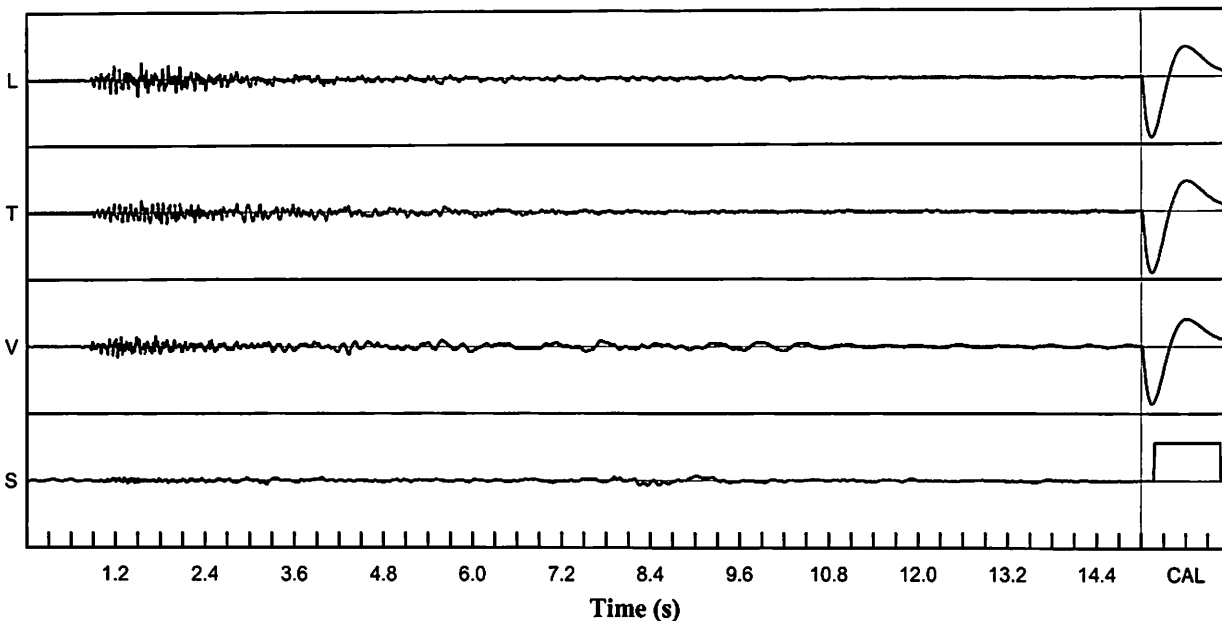
Additional Info:

Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 5



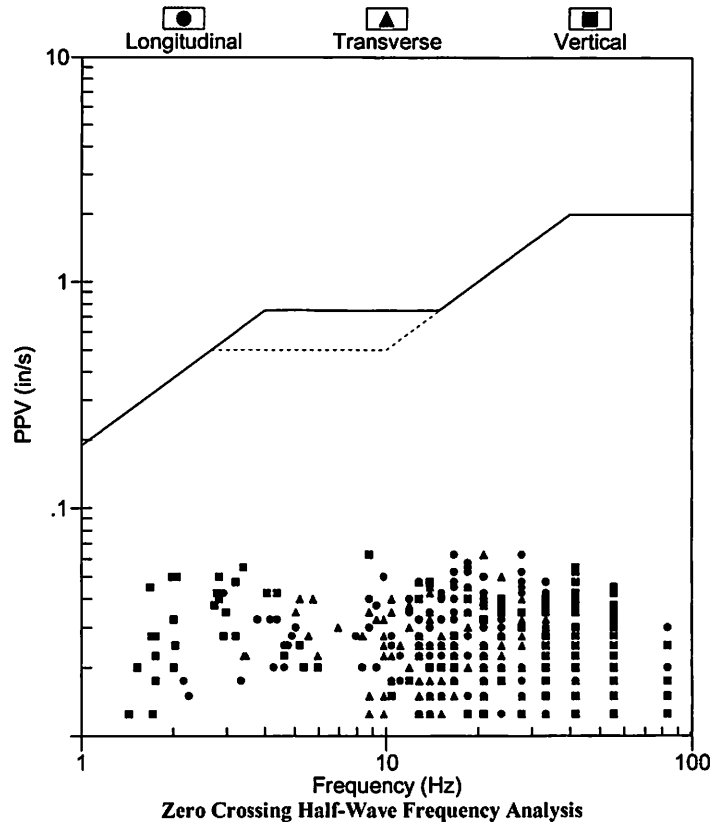
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 12/03/2020 13:16:07
Event No: 6
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 6



Additional Info:

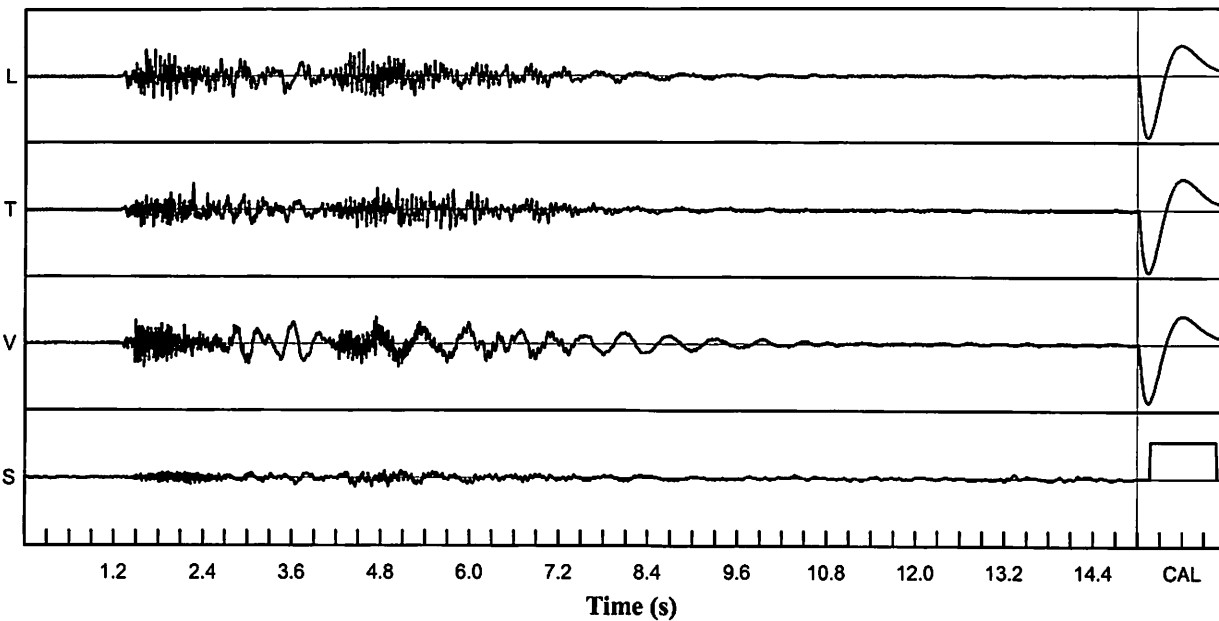
Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 6



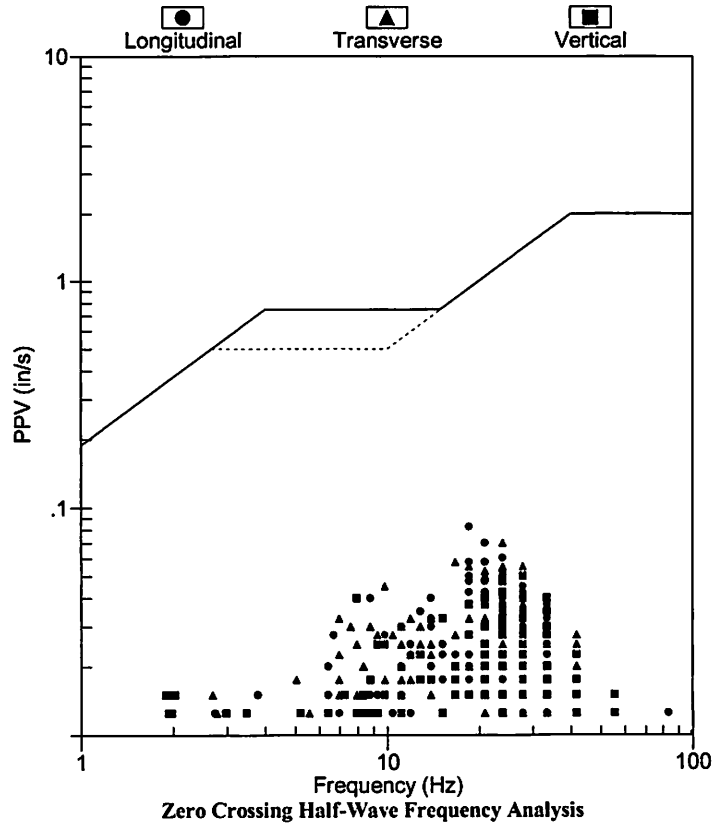
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 12/07/2020 13:18:55
Event No: 7
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 7



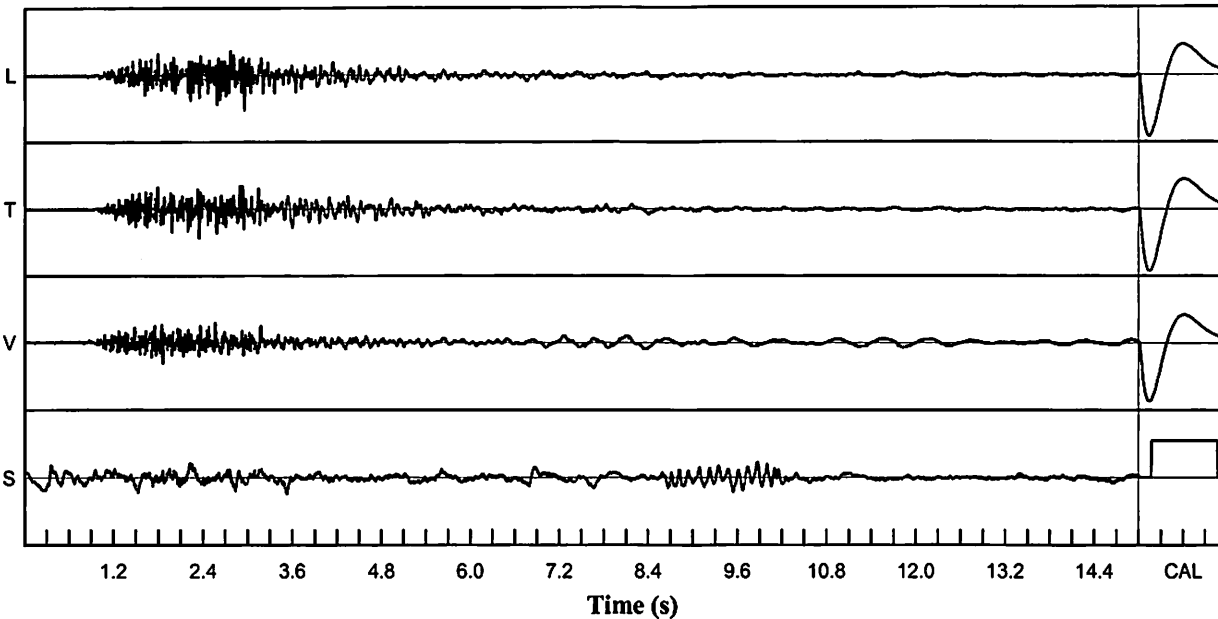
Additional Info:

Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 7



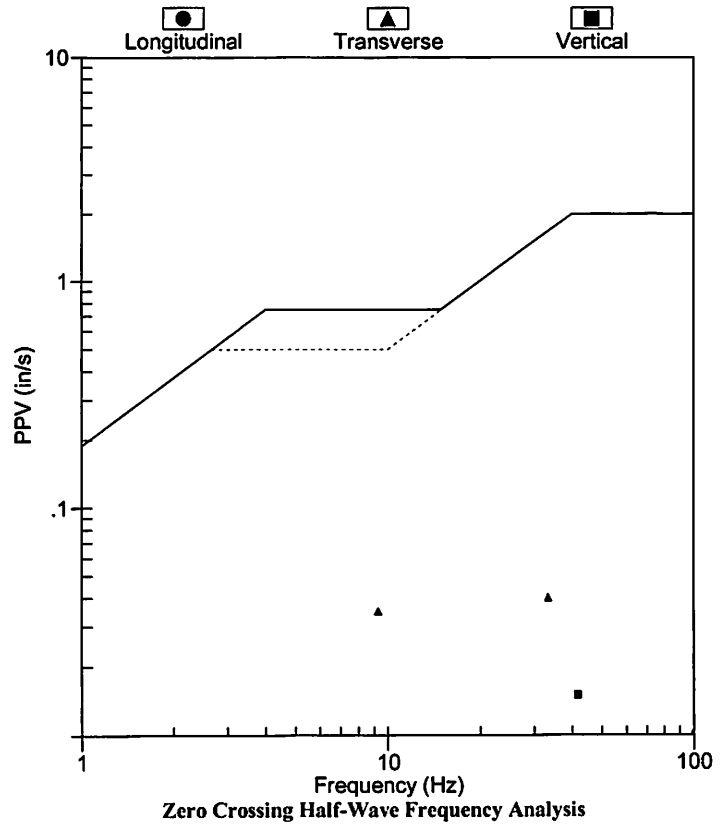
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 12/09/2020 09:38:40
Event No: 8
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 8



	Summary Data		
	L	T	V
PPV (in/s)	0.018	0.045	0.020
FREQ (Hz)	83.3	4.6	7.2
PD (.001")	0.41	1.30	0.41
PPA (g)	0.020	0.033	0.020
Peak Vector Sum :	0.045 in/s		
Peak Air Pressure:	110 db		
	0.00093 PSI @ 166.7 Hz		

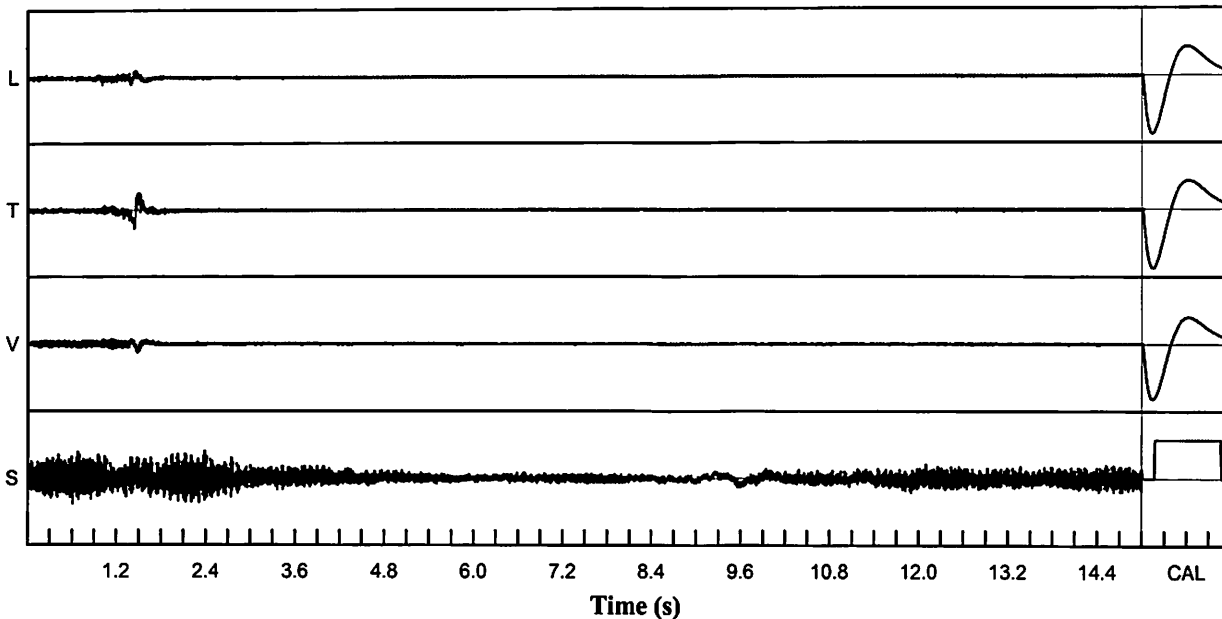
Additional Info:

Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 8



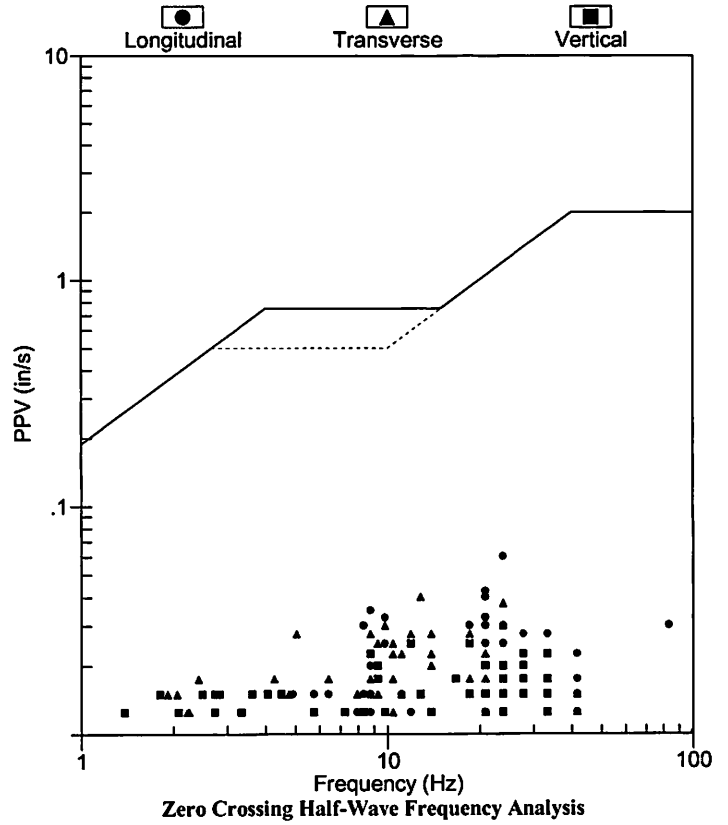
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 12/10/2020 11:46:47
Event No: 9
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 9



Additional Info:

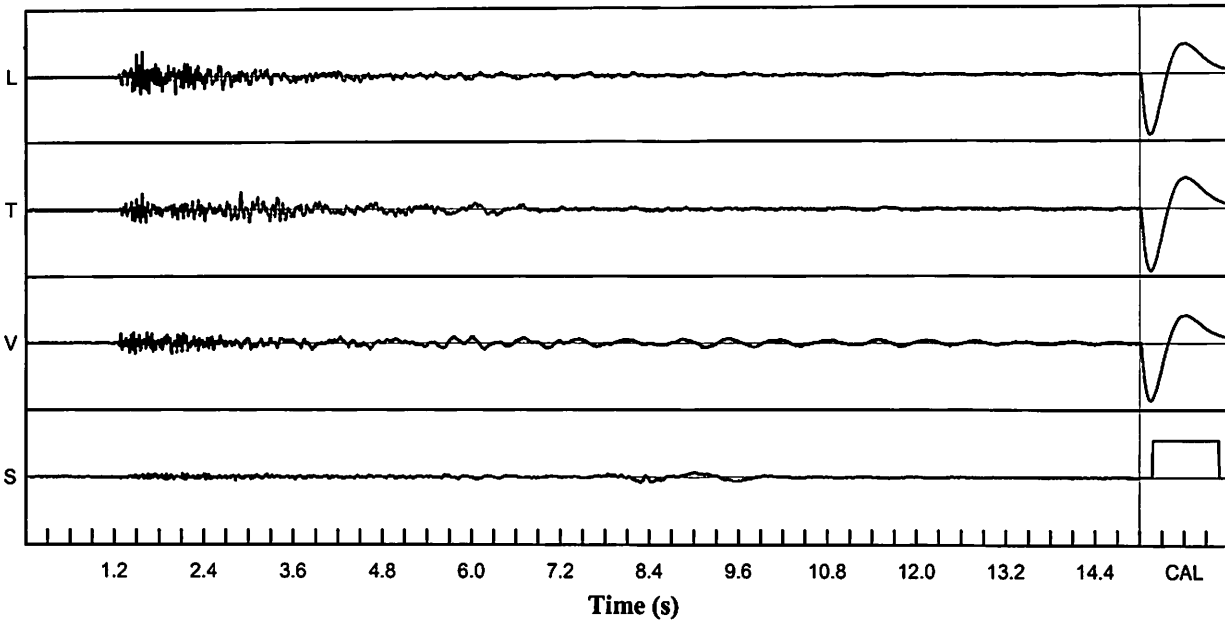
Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 9



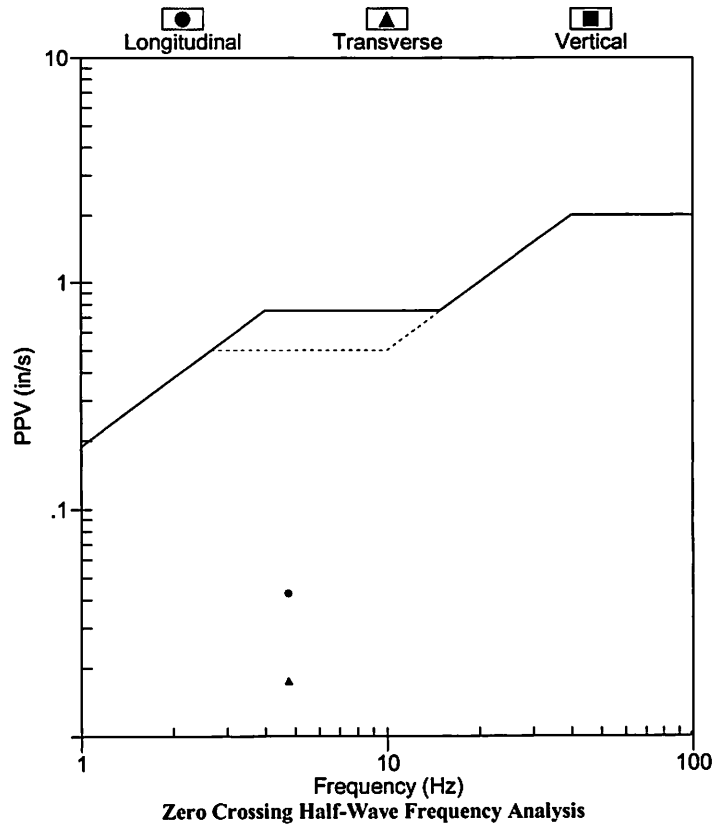
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 12/14/2020 09:00:03
Event No: 1
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 1



	Summary Data		
	L	T	V
PPV (in/s)	0.063	0.023	0.008
FREQ (Hz)	3.0	3.3	1.9
PD (.001")	1.16	0.43	0.19
PPA (g)	0.046	0.013	0.007
Peak Vector Sum :	0.065 in/s		
Peak Air Pressure:	76 db		
	0.00002 PSI @ 1.0 Hz		

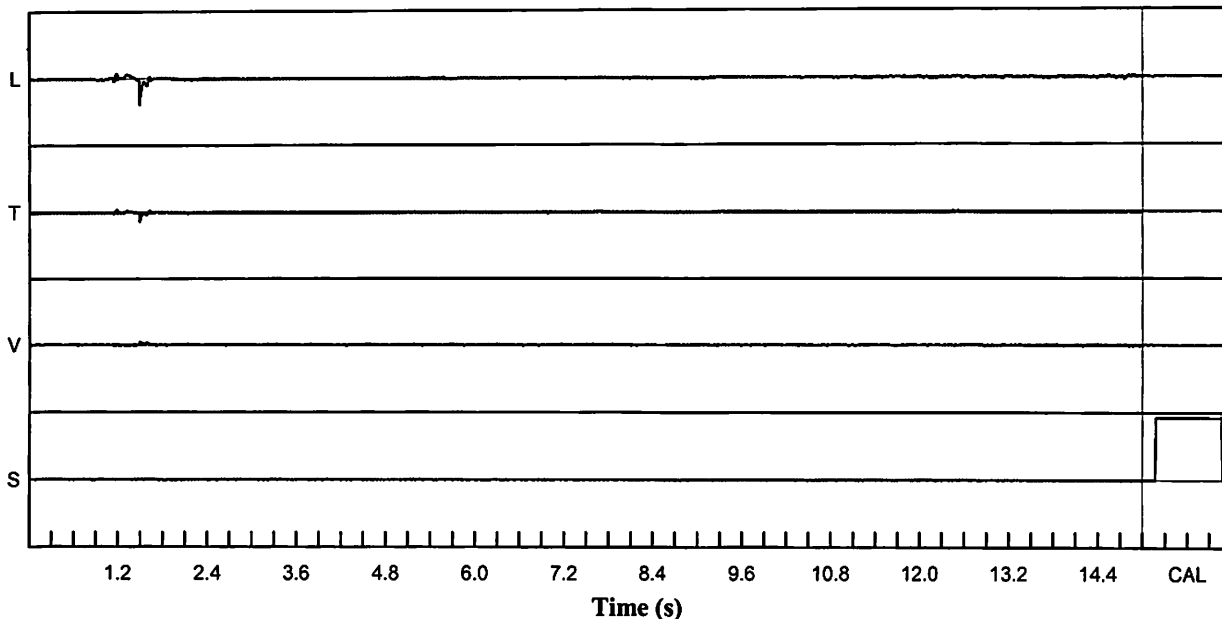
Additional Info:

Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 1



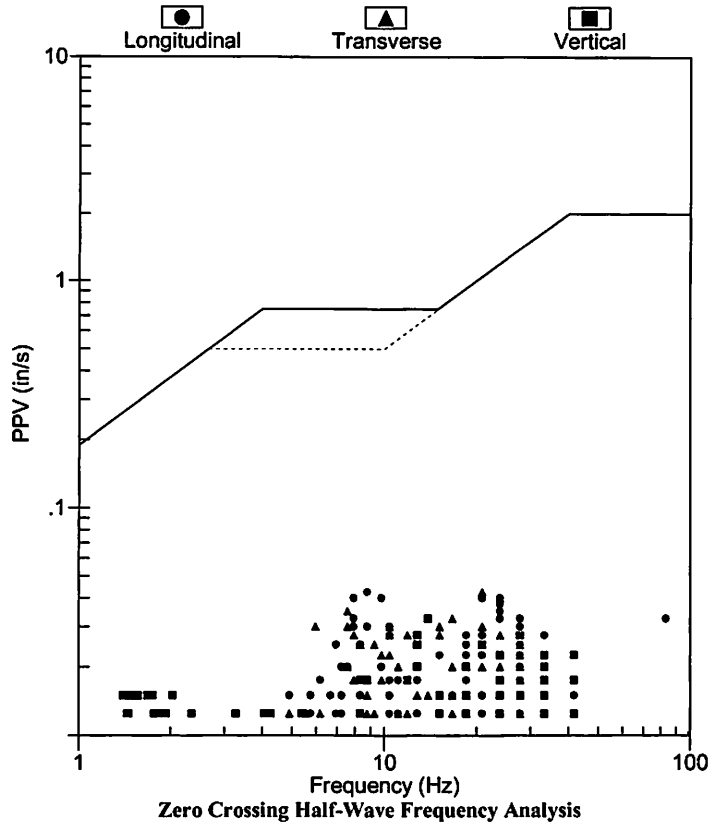
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 12/14/2020 14:17:02
Event No: 2
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 2



	Summary Data		
	L	T	V
PPV (in/s)	0.043	0.043	0.033
FREQ (Hz)	23.8	20.8	13.9
PD (.001")	0.97	0.86	1.47
PPA (g)	0.013	0.020	0.013
Peak Vector Sum :	0.055 in/s		
Peak Air Pressure:	106 db		
	0.00066 PSI @ 7.6 Hz		

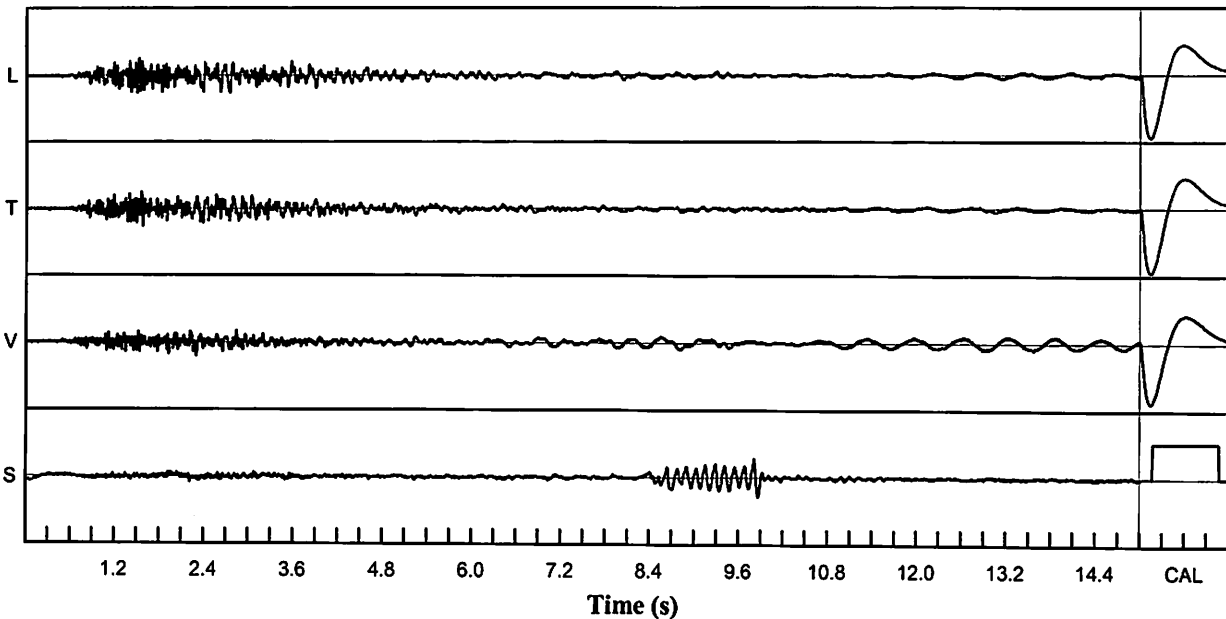
Additional Info:

Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 2



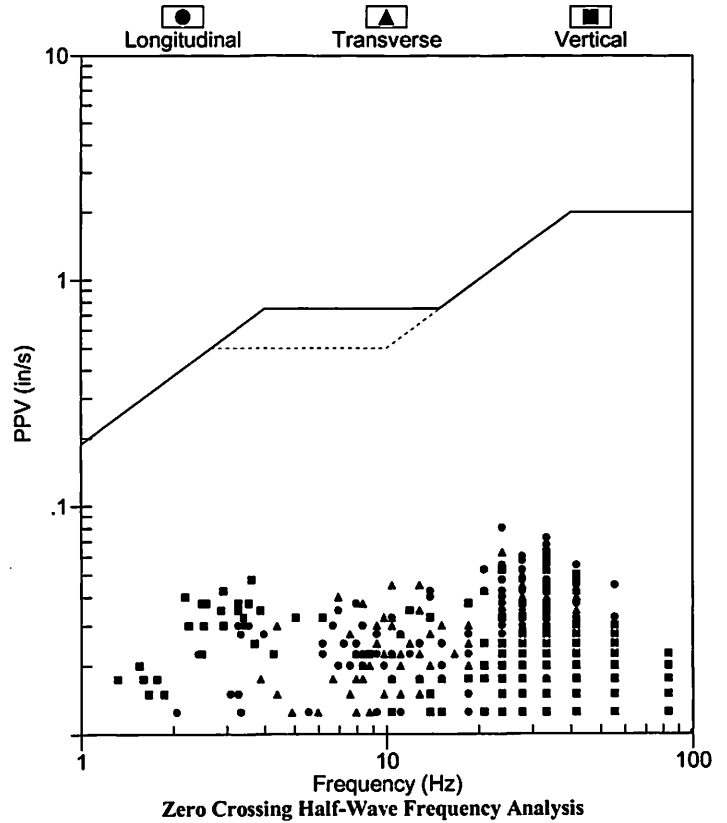
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 12/15/2020 13:16:52
Event No: 3
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 3



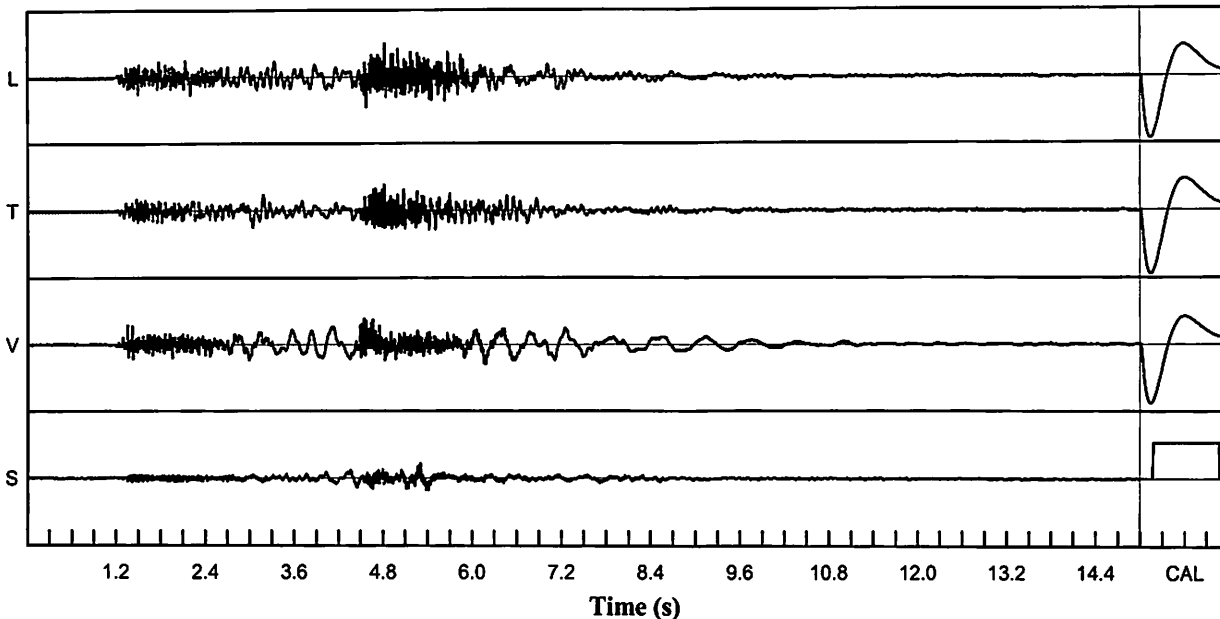
Additional Info:

Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 3



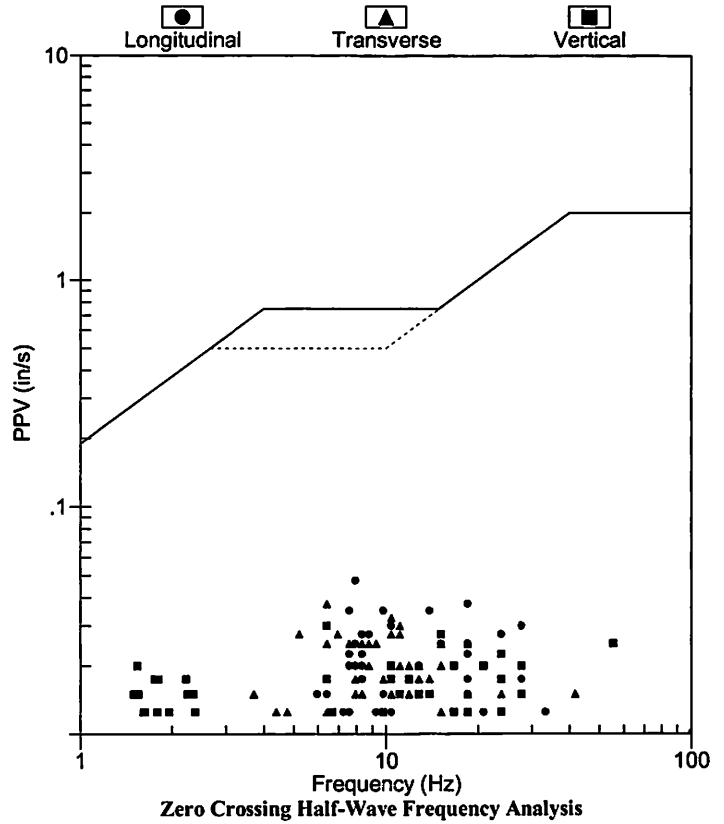
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 01/04/2021 11:36:53
Event No: 1
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 1



	Summary Data		
	L	T	V
PPV (in/s)	0.048	0.038	0.030
FREQ (Hz)	7.9	6.4	23.8
PD (.001")	1.07	1.02	1.84
PPA (g)	0.020	0.013	0.013
Peak Vector Sum :	0.053 in/s		
Peak Air Pressure:	94 db		
	0.00021 PSI @ 7.9 Hz		

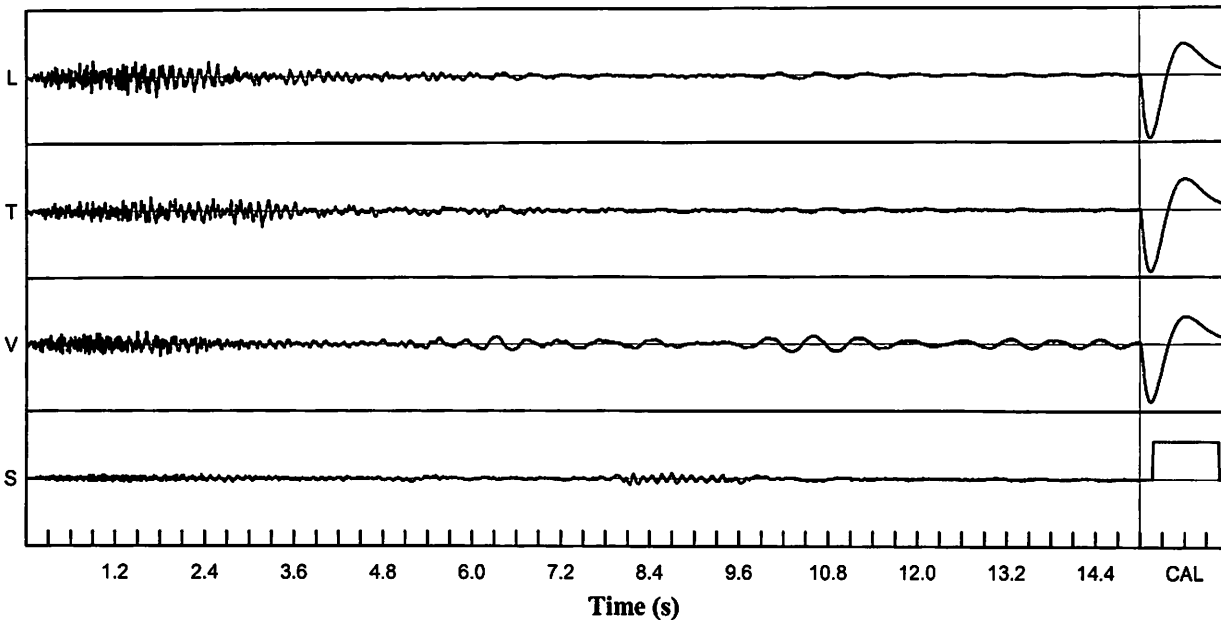
Additional Info:

Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 1



Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 01/08/2021 13:18:29
Event No: 2
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 2

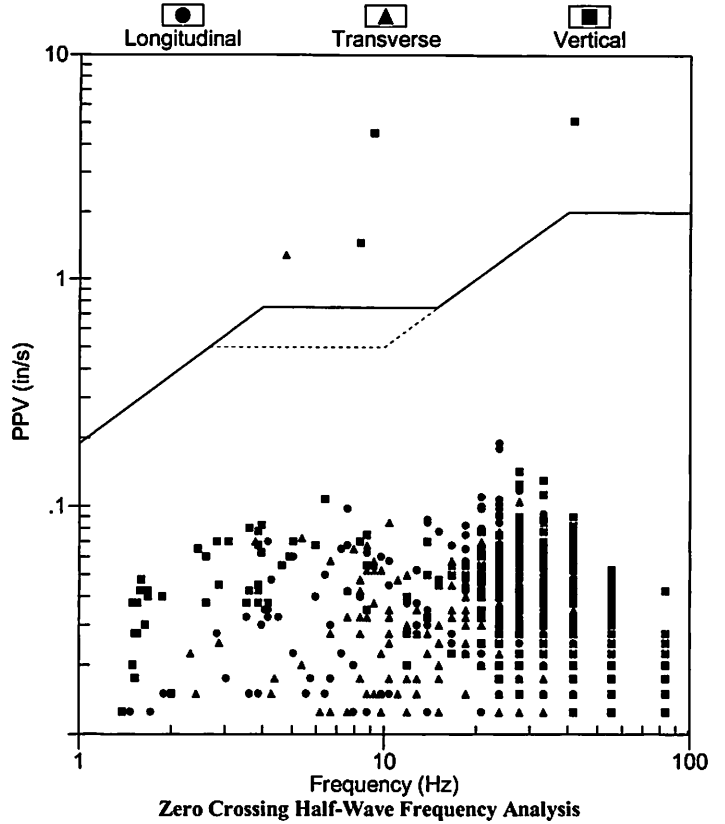
	Summary Data		
	L	T	V
PPV (in/s)	0.190	0.105	0.143
FREQ (Hz)	23.8	27.8	27.8
PD (.001")	2.38	2.17	3.87
PPA (g)	0.072	0.052	0.104
Peak Vector Sum :	0.205 in/s		
Peak Air Pressure:	103 db		
	0.00045 PSI @ 18.5 Hz		

Additional Info:

Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

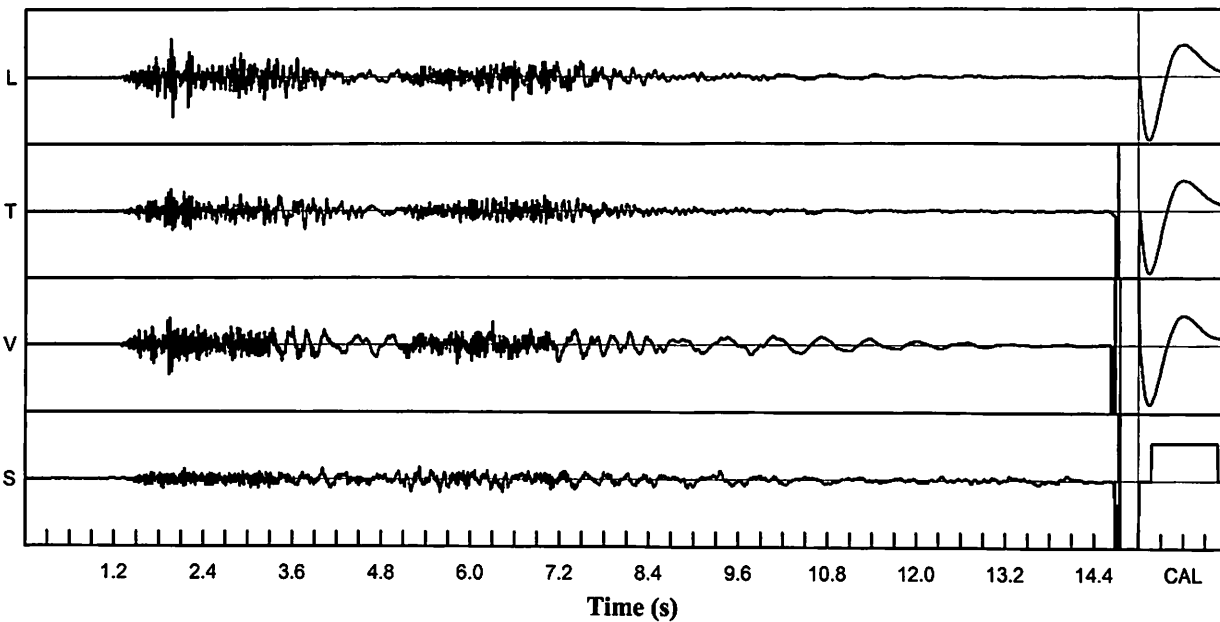
Velocity Waveform Graph Scale

Time Scale: 0.300 s
Seismic Scale: +/- 0.320 in/s
Sound Scale: +/- 0.0023 PSI



Velocity Waveform

SN: 5149 Event: 2



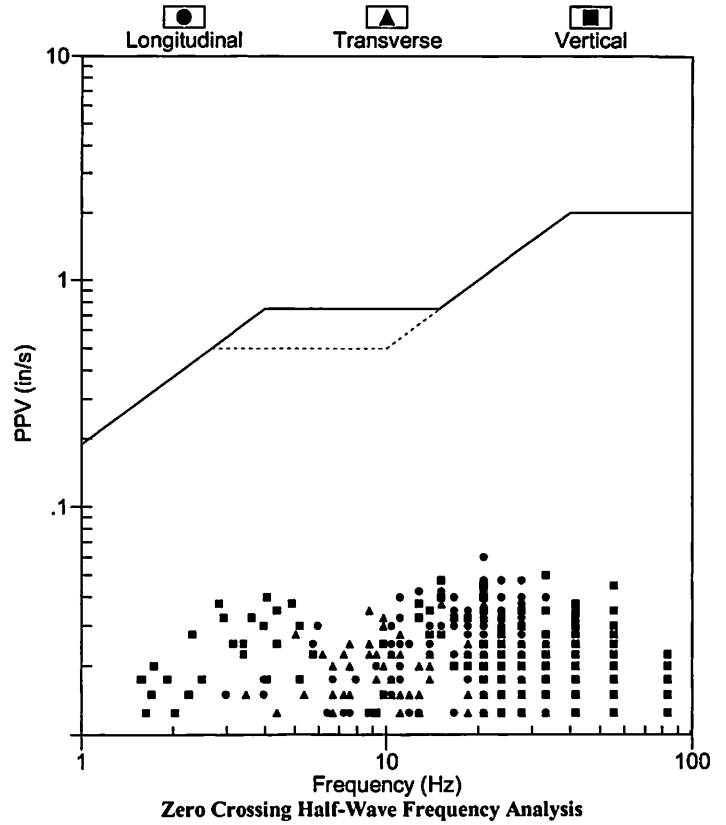
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 01/12/2021 13:36:40
Event No: 3
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 3



	Summary Data		
	L	T	V
PPV (in/s)	0.060	0.040	0.050
FREQ (Hz)	20.8	20.8	33.3
PD (.001")	1.31	1.17	2.34
PPA (g)	0.020	0.020	0.033
Peak Vector Sum :	0.065 in/s		
Peak Air Pressure:	103 db		
	0.00046 PSI @ 9.3 Hz		

Additional Info:

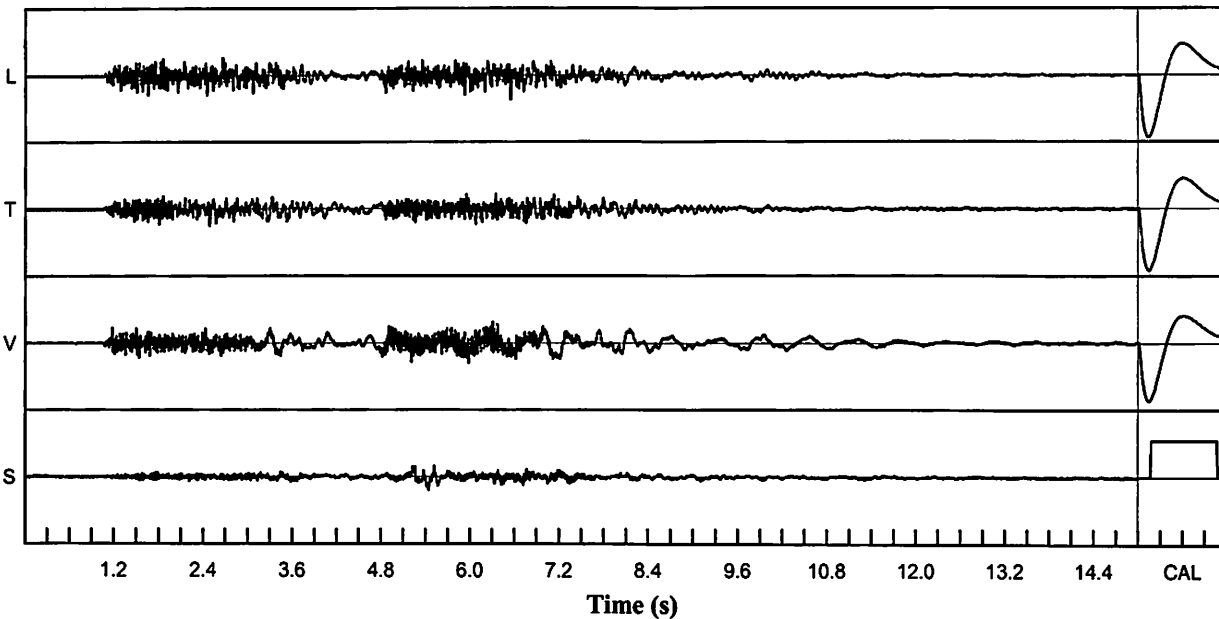
Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 3



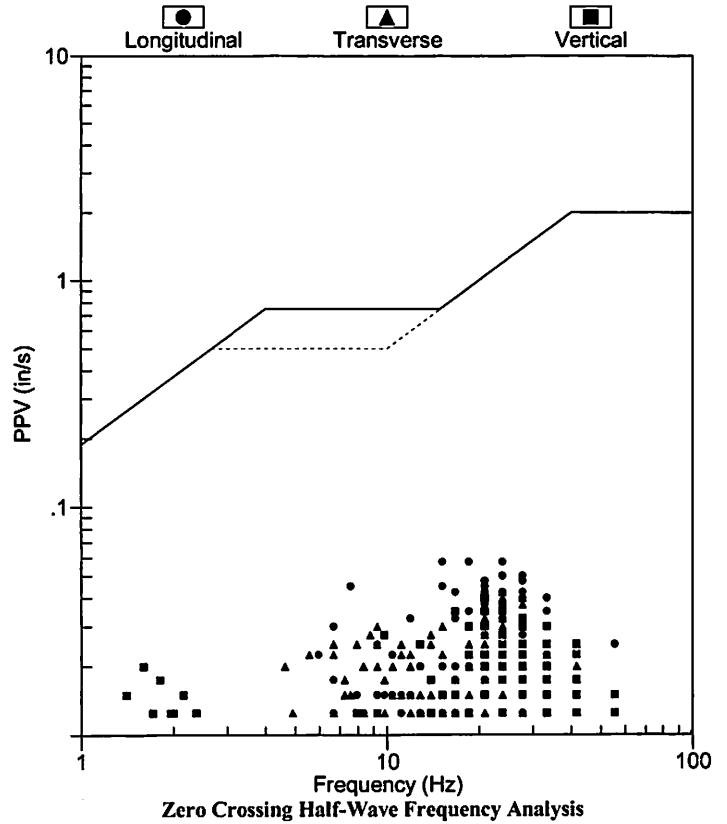
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 01/14/2021 11:19:31
Event No: 5
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 5



	Summary Data		
	L	T	V
PPV (in/s)	0.058	0.043	0.040
FREQ (Hz)	23.8	23.8	20.8
PD (.001")	1.04	1.19	1.68
PPA (g)	0.020	0.020	0.020
Peak Vector Sum :	0.065 in/s		
Peak Air Pressure:	92 db		
	0.00020 PSI @ 27.8 Hz		

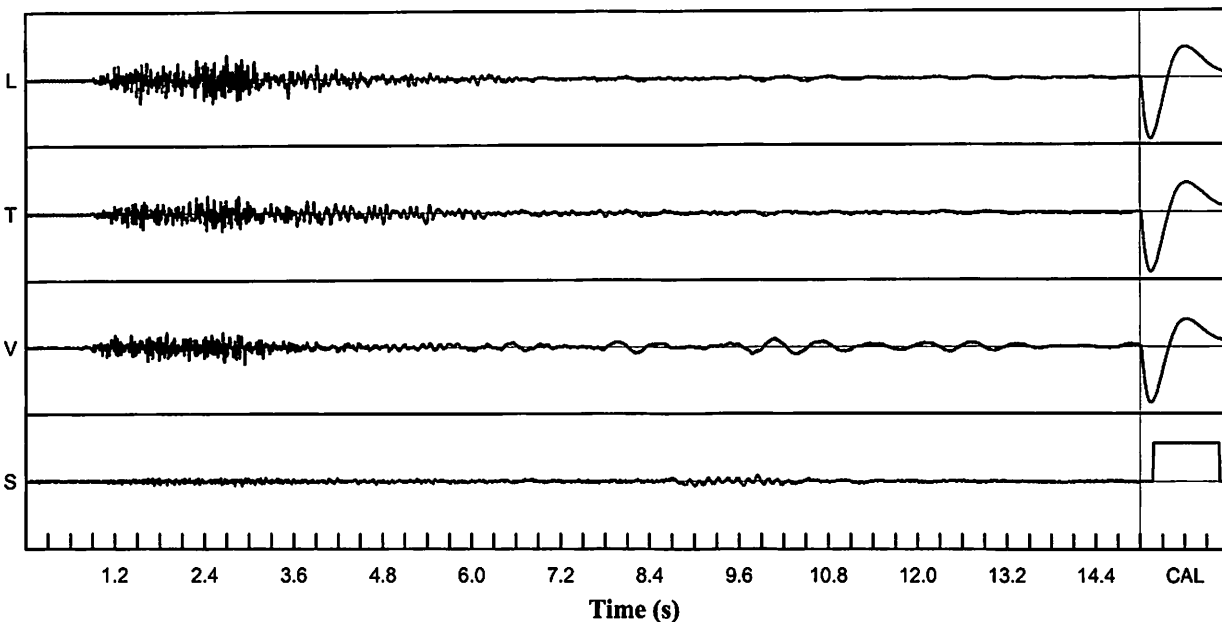
Additional Info:

Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 5



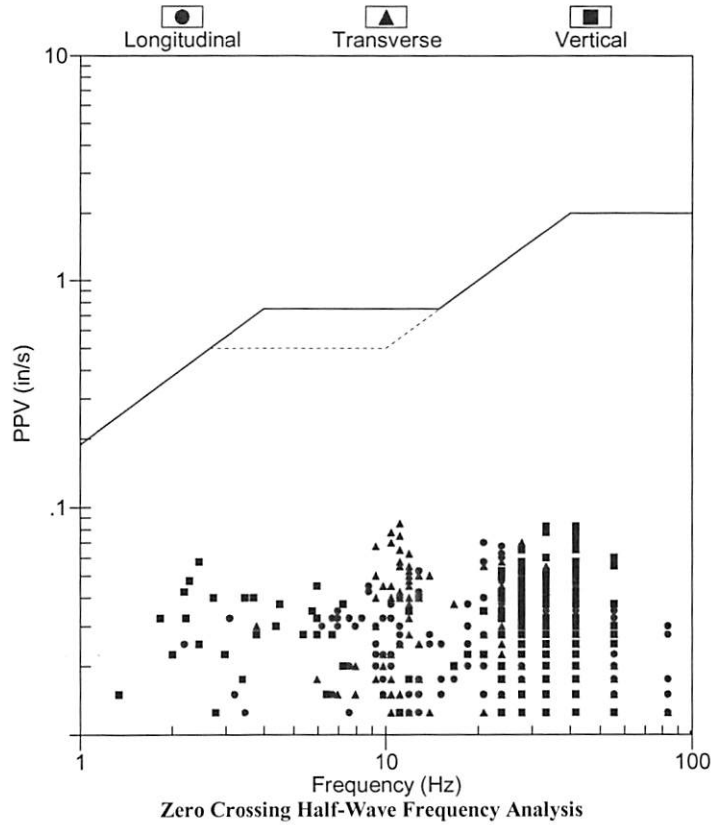
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 01/15/2021 13:18:57
Event No: 6
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 6



	Summary Data		
	L	T	V
PPV (in/s)	0.070	0.085	0.083
FREQ (Hz)	20.8	11.1	41.7
PD (.001")	1.44	1.63	2.92
PPA (g)	0.039	0.033	0.052
Peak Vector Sum :	0.098 in/s		
Peak Air Pressure:	102 db		
	0.00043 PSI @ 5.7 Hz		

Additional Info:

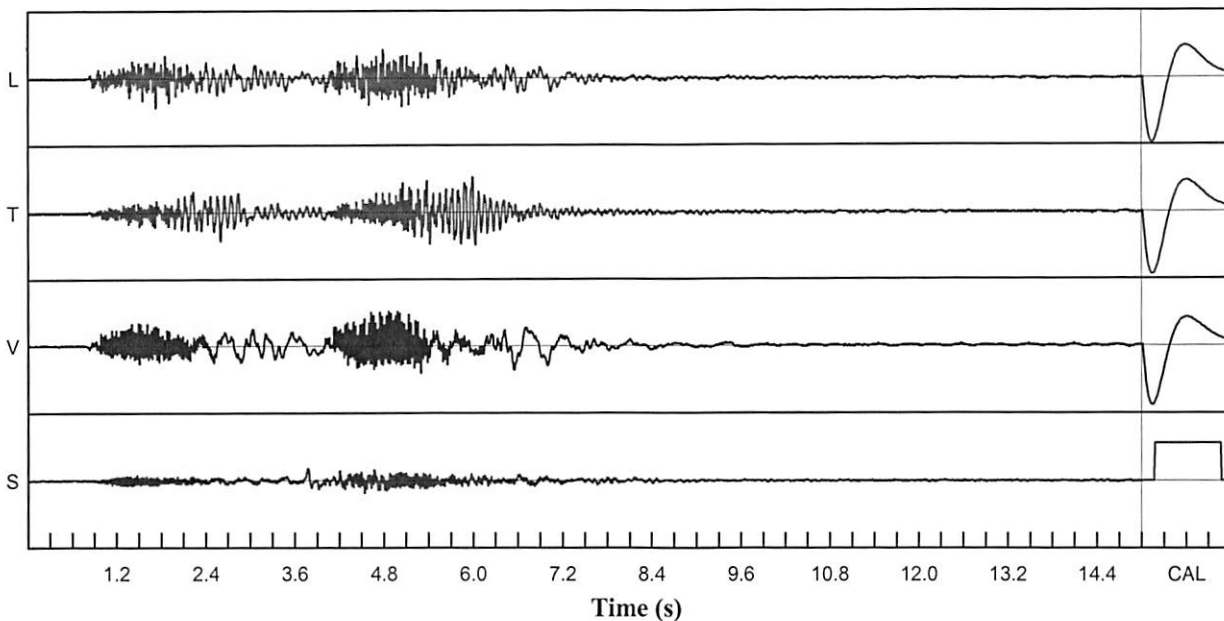
Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 6



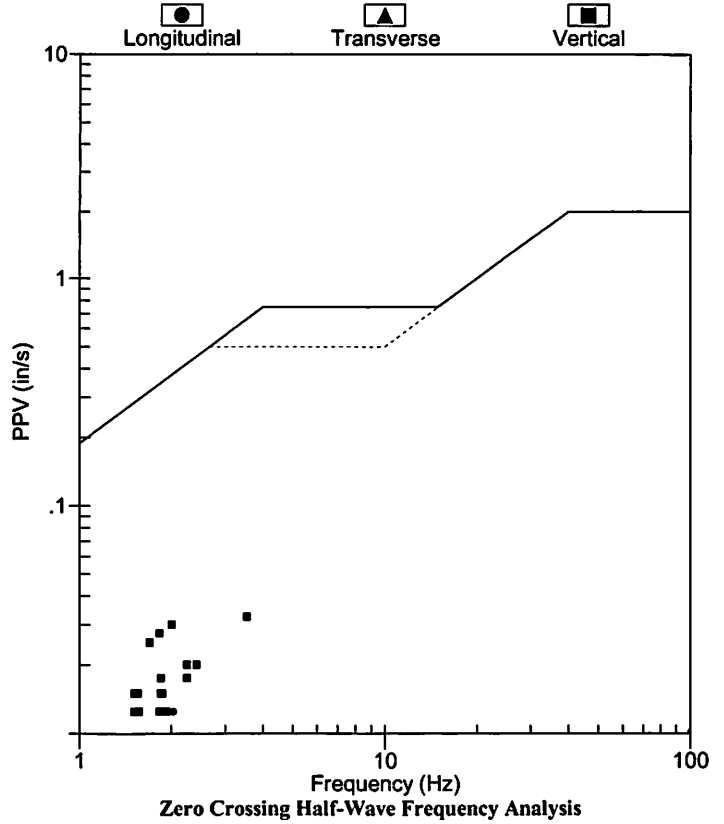
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 01/19/2021 11:19:47
Event No: 7
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 7



	Summary Data		
	L	T	V
PPV (in/s)	0.013	0.013	0.033
FREQ (Hz)	2.3	2.3	2.1
PD (.001")	0.84	0.95	2.59
PPA (g)	0.007	0.007	0.007
Peak Vector Sum :	0.035 in/s		
Peak Air Pressure:	100 db		
	0.00029 PSI @ 6.7 Hz		

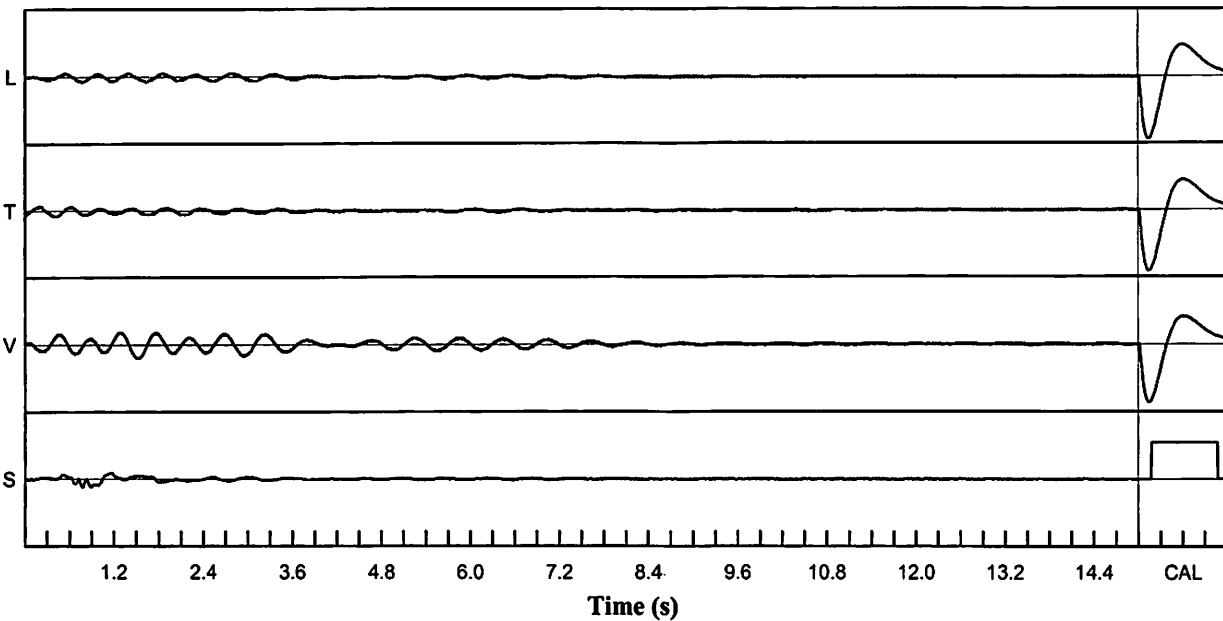
Additional Info:

Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 7



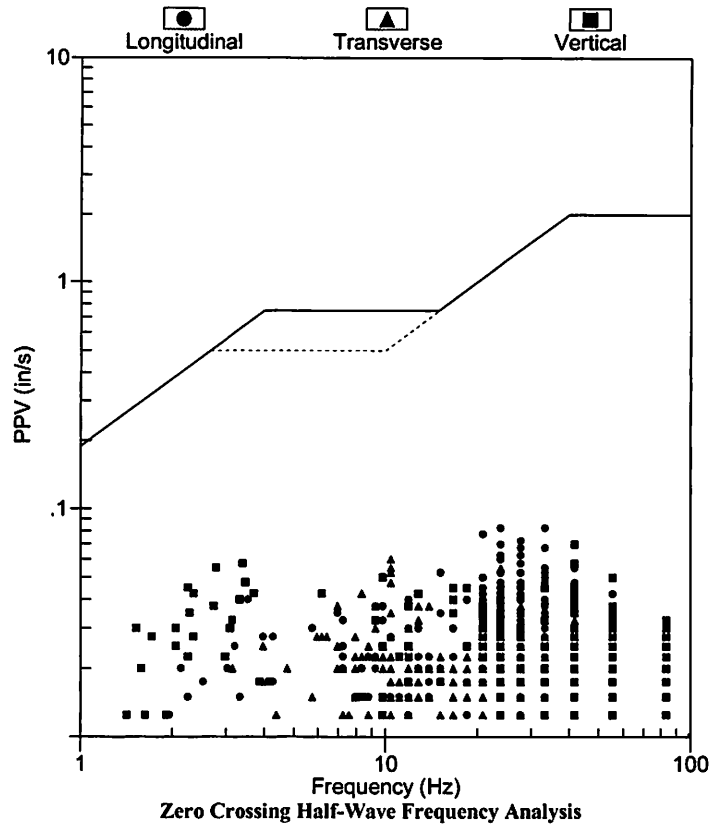
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 01/20/2021 13:34:29
Event No: 8
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 8



	Summary Data		
	L	T	V
PPV (in/s)	0.083	0.060	0.070
FREQ (Hz)	23.8	10.4	41.7
PD (.001")	1.66	1.25	2.87
PPA (g)	0.046	0.026	0.039
Peak Vector Sum :	0.088 in/s		
Peak Air Pressure:	101 db		
	0.00036 PSI @ 2.8 Hz		

Additional Info:

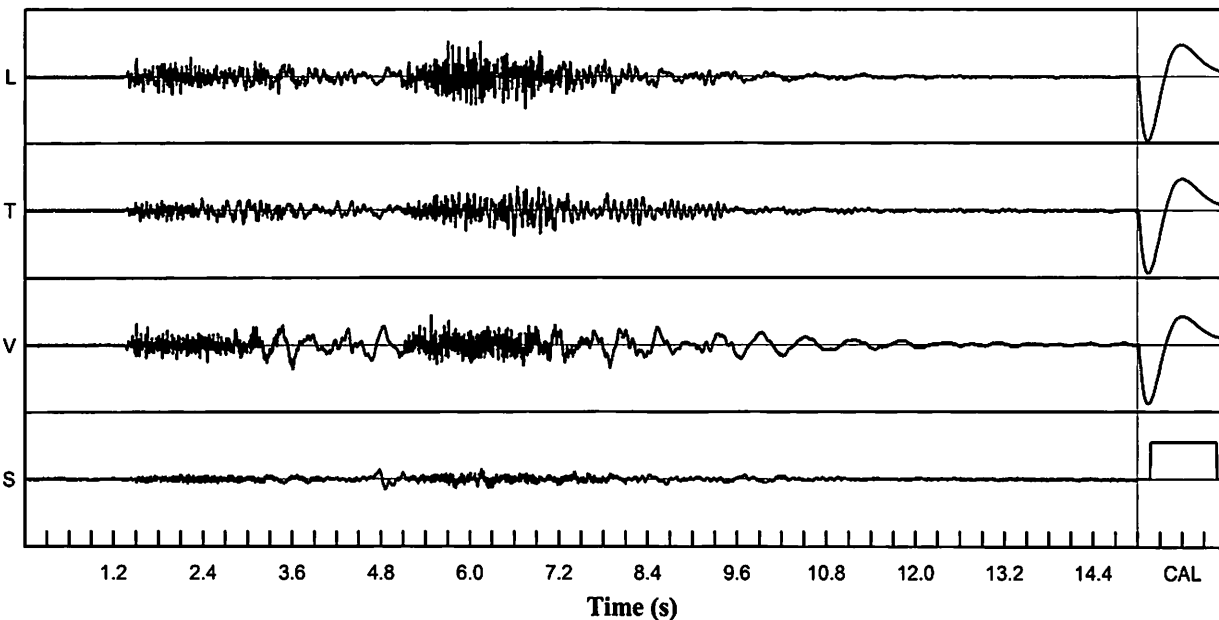
Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 8



Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 01/21/2021 13:19:21
Event No: 9
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

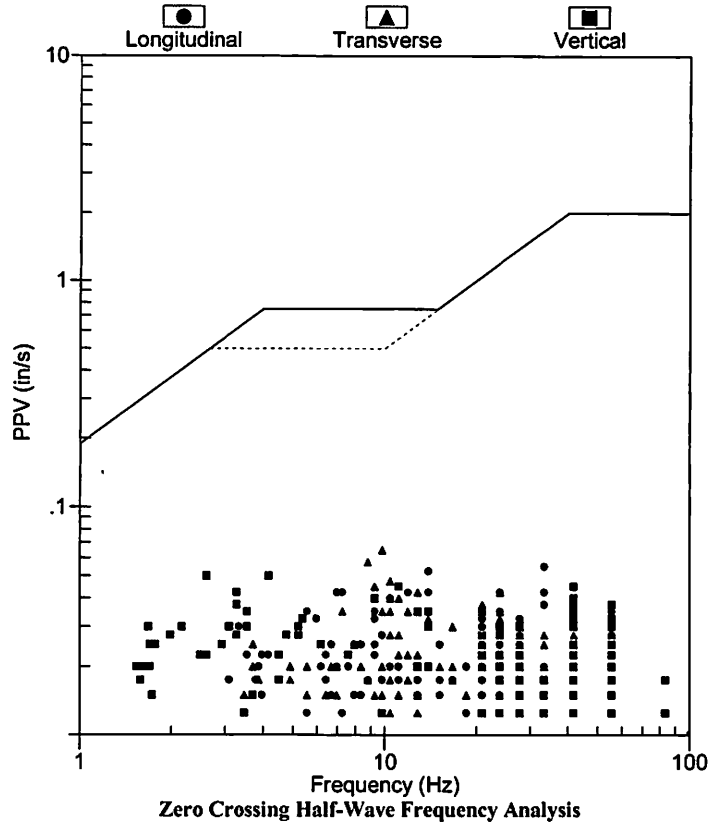
SN: 5149 Event: 9

	Summary Data		
	L	T	V
PPV (in/s)	0.055	0.065	0.050
FREQ (Hz)	33.3	9.8	4.2
PD (.001")	1.50	1.50	2.82
PPA (g)	0.033	0.020	0.026
Peak Vector Sum :	0.078 in/s		
Peak Air Pressure:	101 db		
	0.00036 PSI @ 7.2 Hz		

Additional Info:

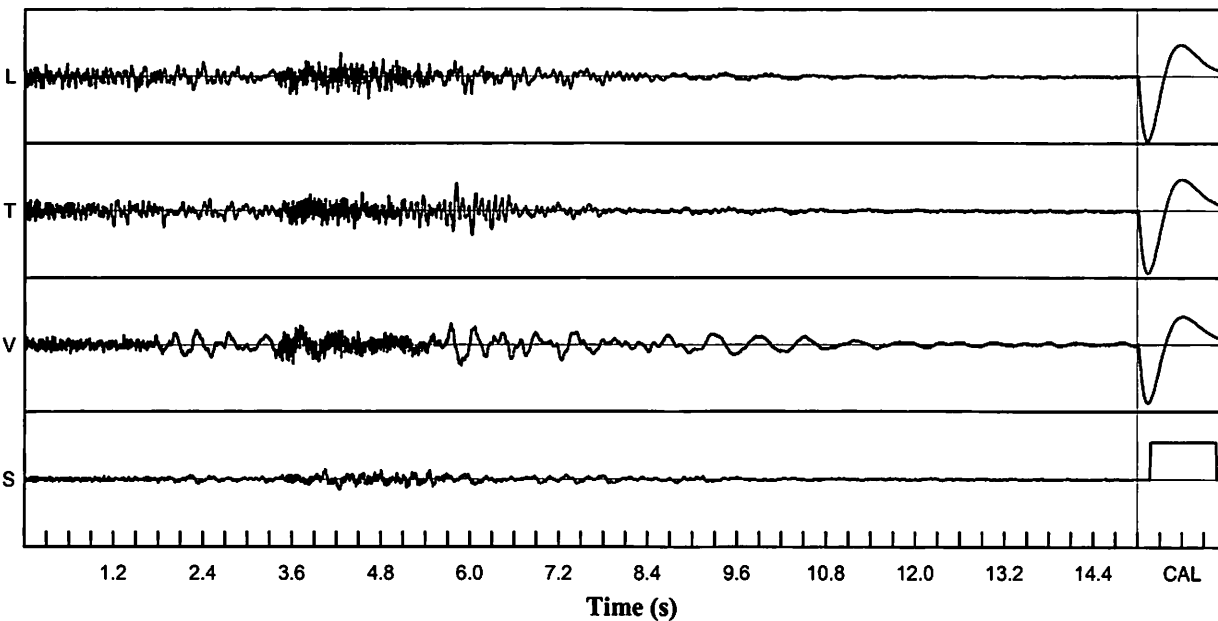
Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale
Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI



Velocity Waveform

SN: 5149 Event: 9



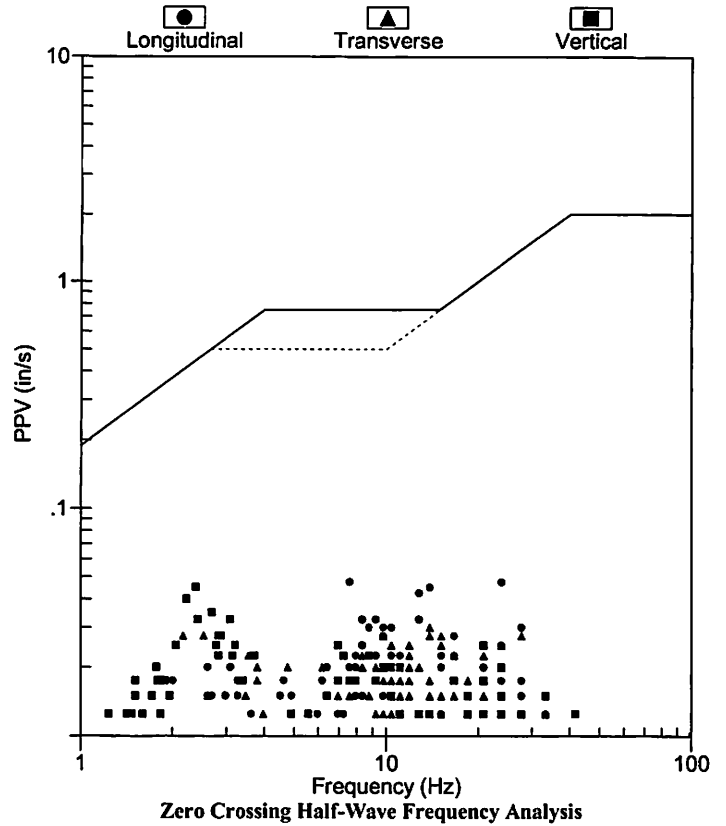
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 01/22/2021 13:19:50
Event No: 10
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 10



	Summary Data		
	L	T	V
PPV (in/s)	0.048	0.030	0.045
FREQ (Hz)	12.8	13.9	2.4
PD (.001")	1.10	1.45	2.95
PPA (g)	0.013	0.013	0.013
Peak Vector Sum :	0.060 in/s		
Peak Air Pressure:	105 db		
	0.00057 PSI @ 6.4 Hz		

Additional Info:

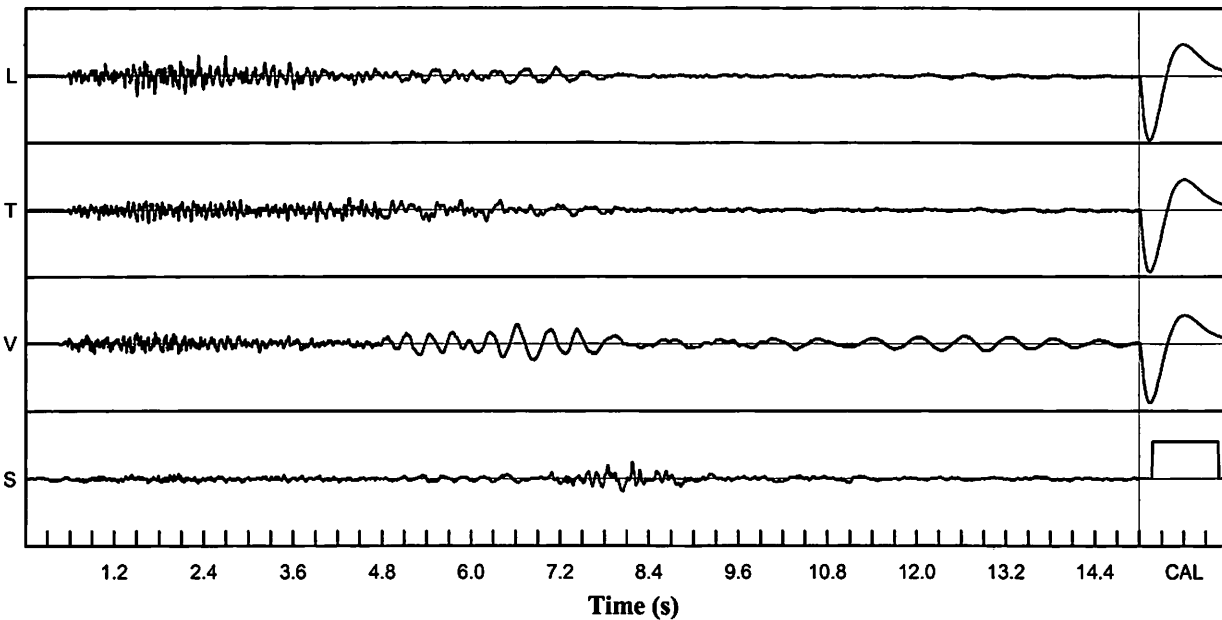
Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 10



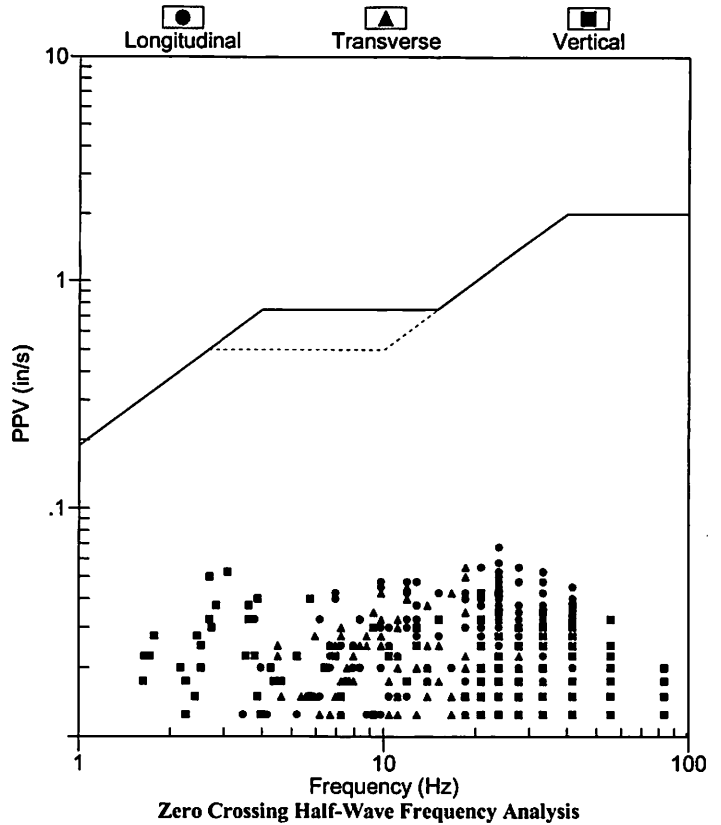
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 01/26/2021 13:19:38
Event No: 11
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 11



	Summary Data		
	L	T	V
PPV (in/s)	0.068	0.055	0.053
FREQ (Hz)	23.8	18.5	3.1
PD (.001")	1.28	1.39	2.23
PPA (g)	0.033	0.020	0.026
Peak Vector Sum :	0.075 in/s		
Peak Air Pressure:	102 db		
	0.00043 PSI @ 8.3 Hz		

Additional Info:

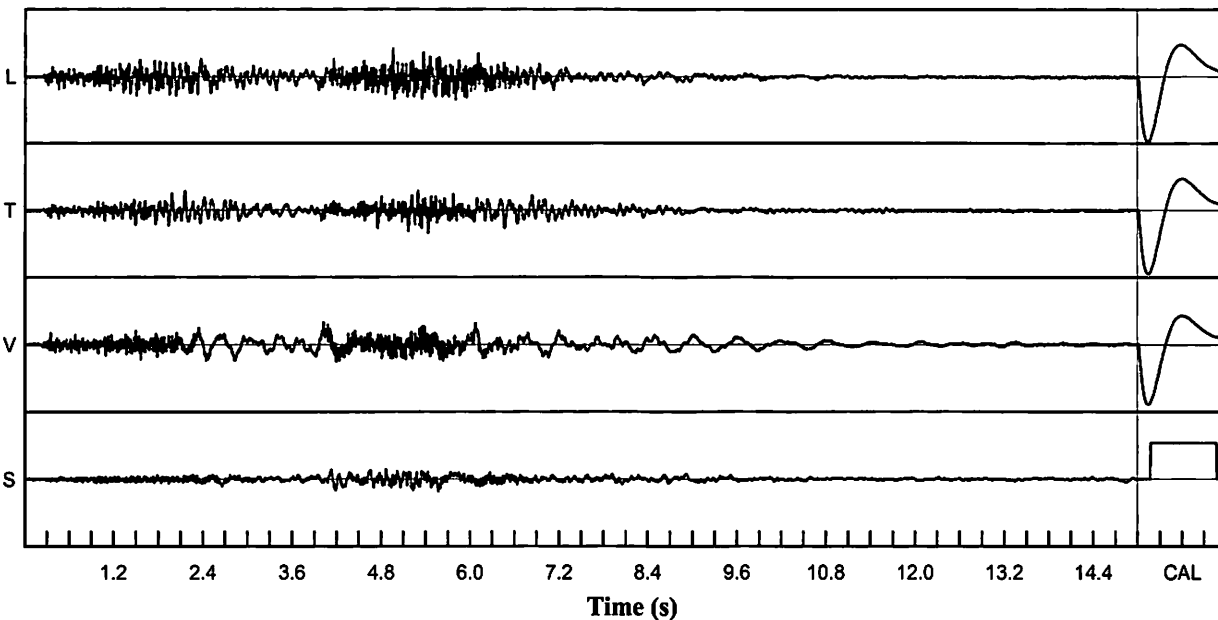
Shaketable Calibrated: 06/05/2020
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.300 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0023 PSI

Velocity Waveform

SN: 5149 Event: 11



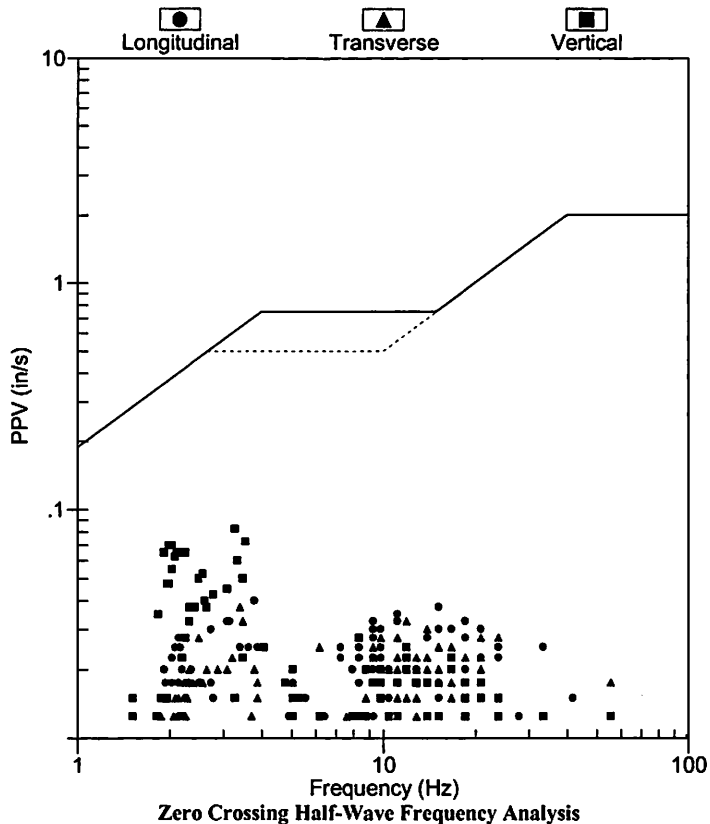
Seismic Analysis

Velocity Waveform Analysis

Serial No: 5149 v3.67
Date: 01/27/2021 13:26:16
Event No: 12
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ave
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

USBM Safe Blasting Levels

SN: 5149 Event: 12



Velocity Waveform

SN: 5149 Event: 12

