

Miramar Siesmic Reading: White Rock Quarries.

Location: 16171 SW 49 Ct

Date:	Time:	PPV:
3/6/2019	11:23 AM	0.048
3/8/2019	11:38 AM	0.058
3/14/2019	10:38 AM	0.055
3/22/2019	10:39 AM	0.063

Location: 5276 SW 152 Ave

Date:	Time:	PPV:
3/6/2019	11:16 AM	0.065
3/8/2019	11:31 AM	0.063
3/14/2019	10:31 AM	0.073
3/22/2019	10:32 AM	0.185

Location: 17040 SW 53 Ct

Date:	Time:	PPV:
3/5/2019	1:34 PM	0.088
3/6/2019	11:19 AM	0.088
3/7/2019	1:35 PM	0.08
3/8/2019	11:34 AM	0.128
3/11/2019	2:05 PM	0.063
3/12/2019	12:35 PM	0.093
3/13/2019	12:35 PM	0.085
3/14/2019	10:34 AM	0.148
3/18/2019	10:35 AM	0.083
3/19/2019	10:35 AM	0.09
3/22/2019	10:35 AM	0.08

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5149 v3.67
Date: 03/06/2019 11:22:51
Event No: 33
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 16171 SW 49 Ct
Distance:
Operator: Pedro V.
Comment: In Ground
Seismic Trigger: 0.030 in/s

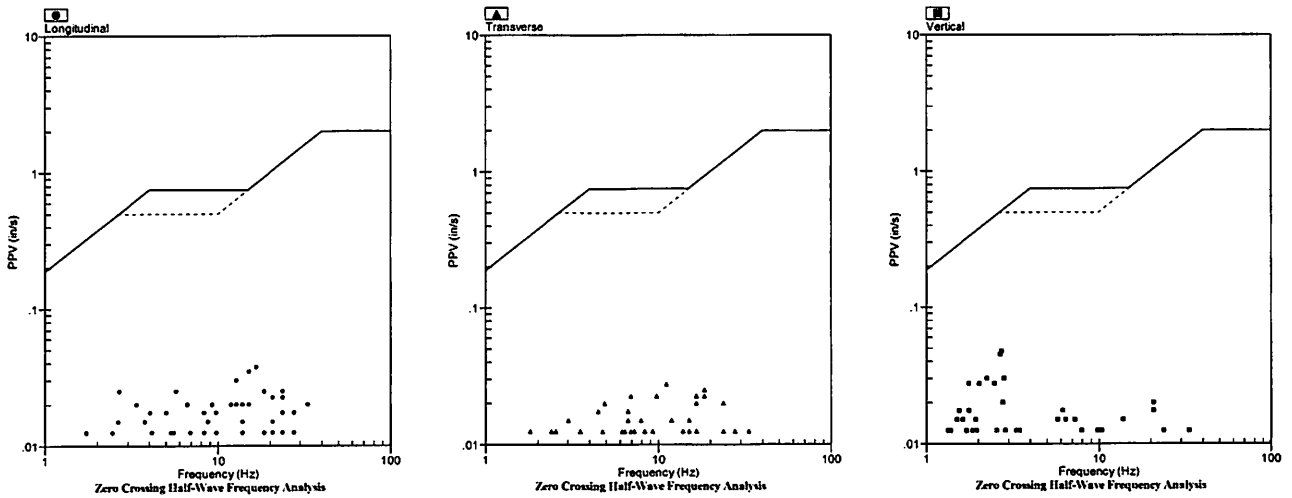
Summary Data

	L	T	V
PPV (in/s)	0.040	0.028	0.048
FREQ (Hz)	9.8	11.1	2.7
PD (.001")	1.06	0.94	2.84
PPA (g)	0.013	0.013	0.007
Peak Vector Sum:	0.048 in/s		
Peak Air Pressure:	105 db		
	0.00061 PSI @ 4.8 Hz		

Additional Info:

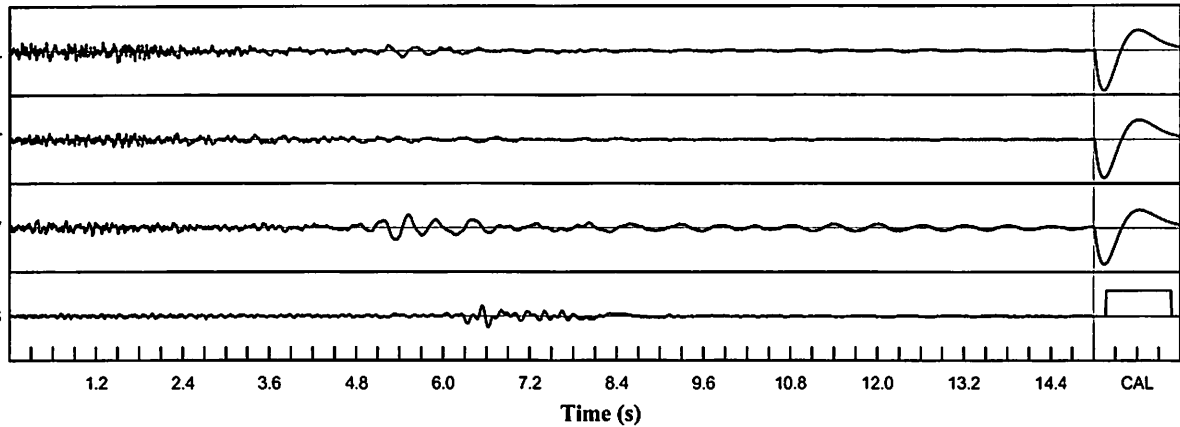
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5149 Event: 33



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5149 v3.67
Date: 03/08/2019 11:38:01
Event No: 34
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 16171 SW 49 Ct
Distance:
Operator: Pedro V.
Comment: In Ground
Seismic Trigger: 0.030 in/s

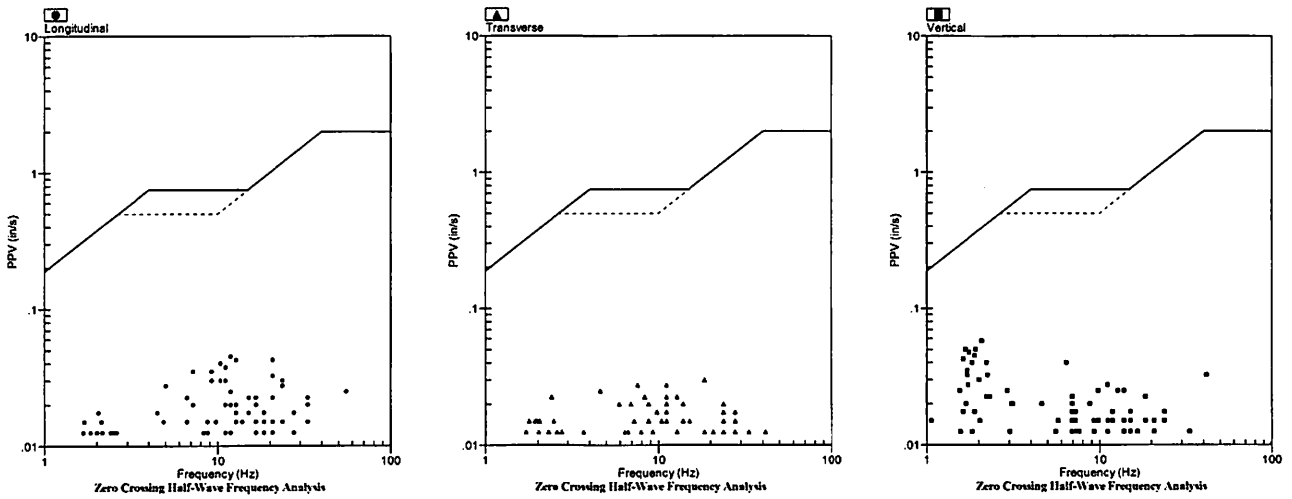
Summary Data

	L	T	V
PPV (in/s)	0.045	0.030	0.058
FREQ (Hz)	11.9	18.5	2.1
PD (.001")	1.18	1.27	4.30
PPA (g)	0.020	0.013	0.013
Peak Vector Sum:	0.058 in/s		
Peak Air Pressure:	110 db		
	0.00096 PSI @ 2.6 Hz		

Additional Info:

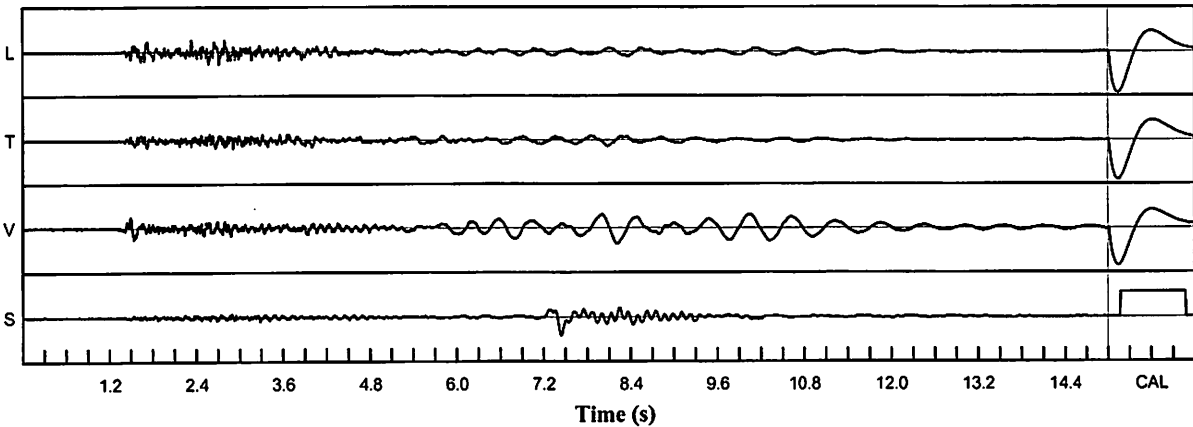
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5149 Event: 34



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5149 v3.67
Date: 03/14/2019 10:38:30
Event No: 35
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 16171 SW 49 Ct
Distance:
Operator: Pedro V.
Comment: In Ground
Seismic Trigger: 0.030 in/s

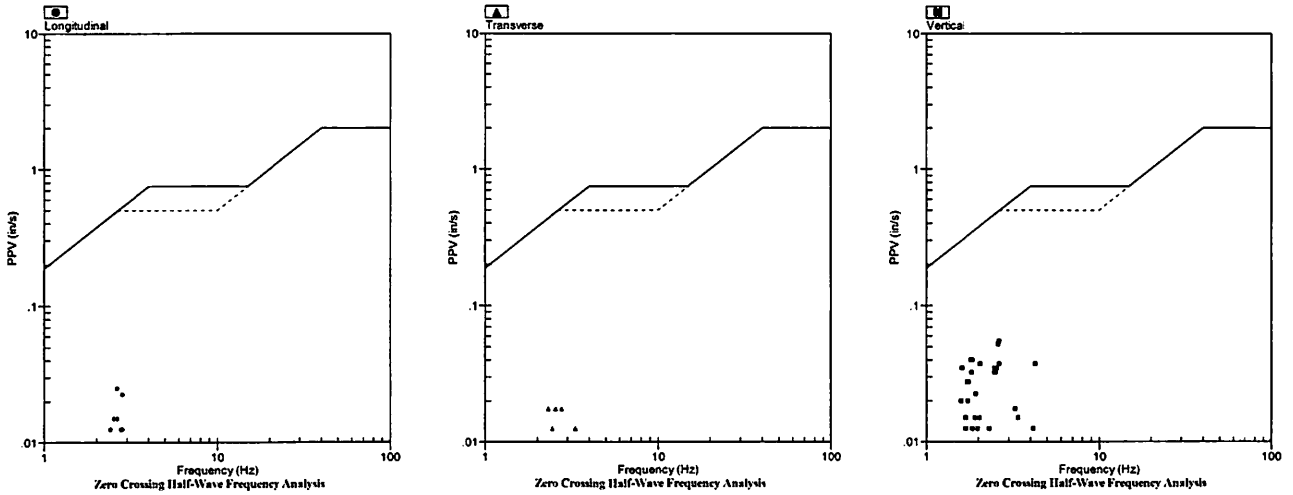
Summary Data

	L	T	V
PPV (in/s)	0.025	0.018	0.055
FREQ (Hz)	2.6	2.8	2.6
PD (.001")	1.05	1.13	3.40
PPA (g)	0.007	0.007	0.007
Peak Vector Sum:	0.058 in/s		
Peak Air Pressure:	108 db		
	0.00075 PSI @ 5.6 Hz		

Additional Info:

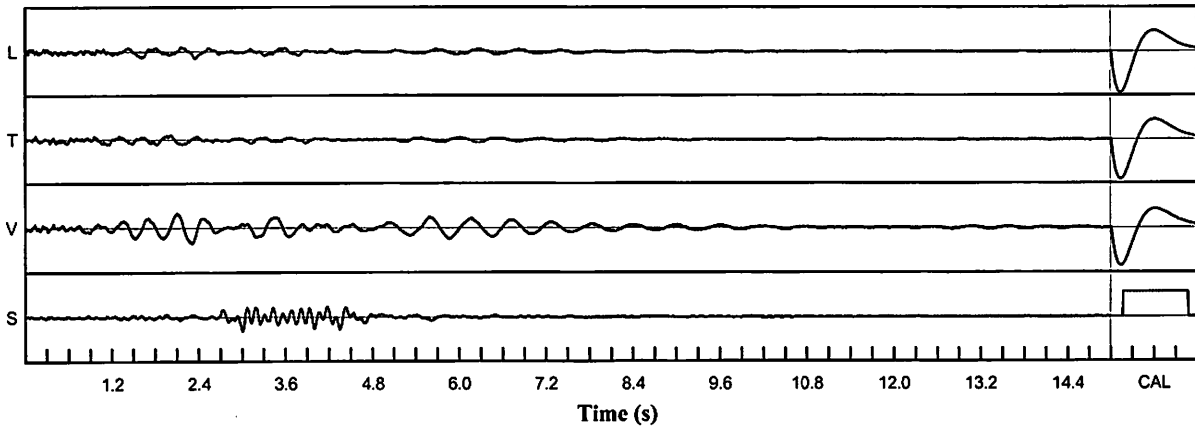
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5149 Event: 35



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5149 v3.67
Date: 03/22/2019 10:39:06
Event No: 36
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 16171 SW 49 Ct
Distance:
Operator: Pedro V.
Comment: In Ground
Seismic Trigger: 0.030 in/s

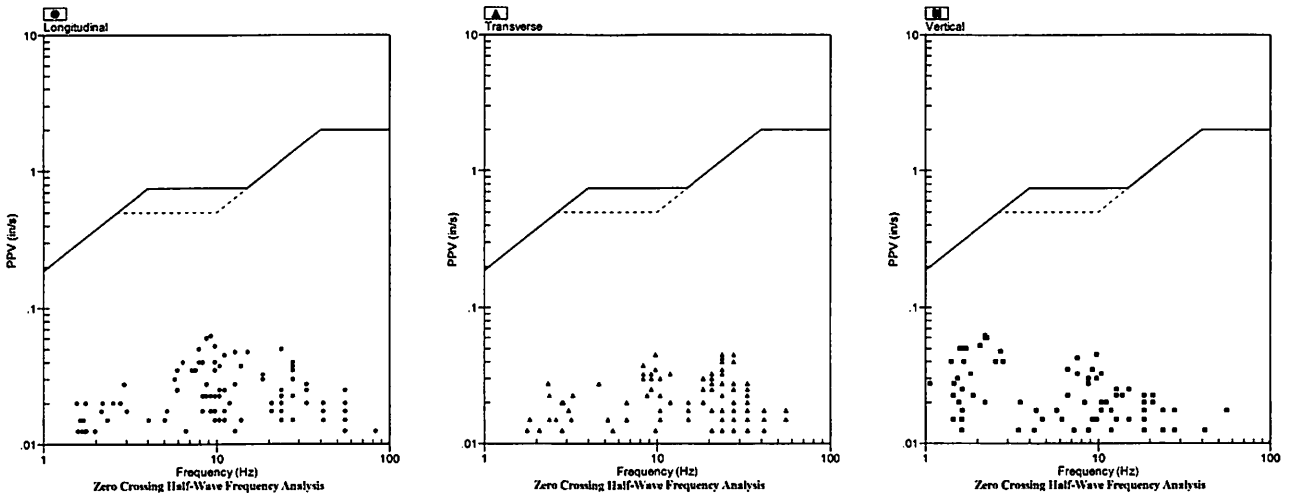
Summary Data

	L	T	V
PPV (in/s)	0.063	0.045	0.063
FREQ (Hz)	9.3	9.8	2.2
PD (.001")	1.73	1.84	4.94
PPA (g)	0.026	0.020	0.013
Peak Vector Sum:	0.080 in/s		
Peak Air Pressure:	106 db		
	0.00062 PSI @ 3.5 Hz		

Additional Info:

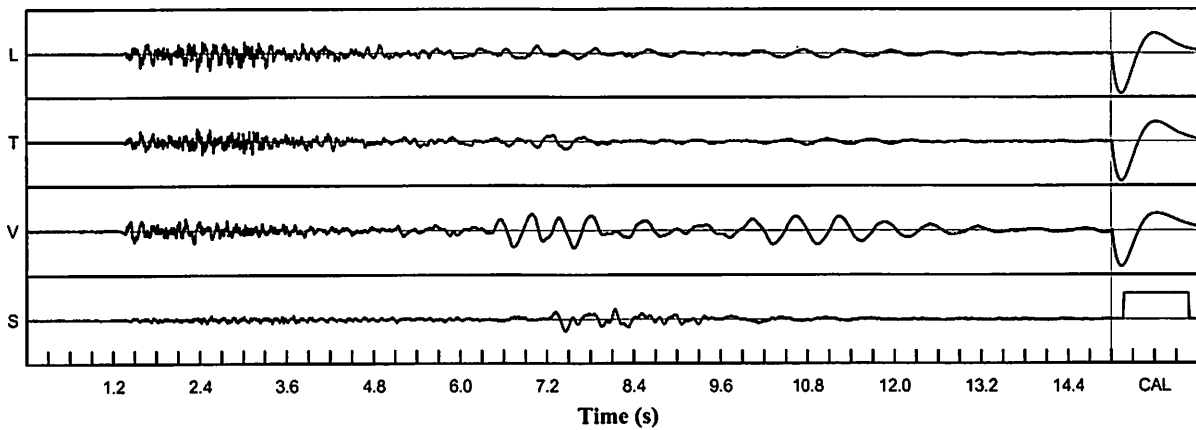
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5149 Event: 36



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5218 v5.25
Date: 03/06/2019 11:16:19
Event No: 37
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

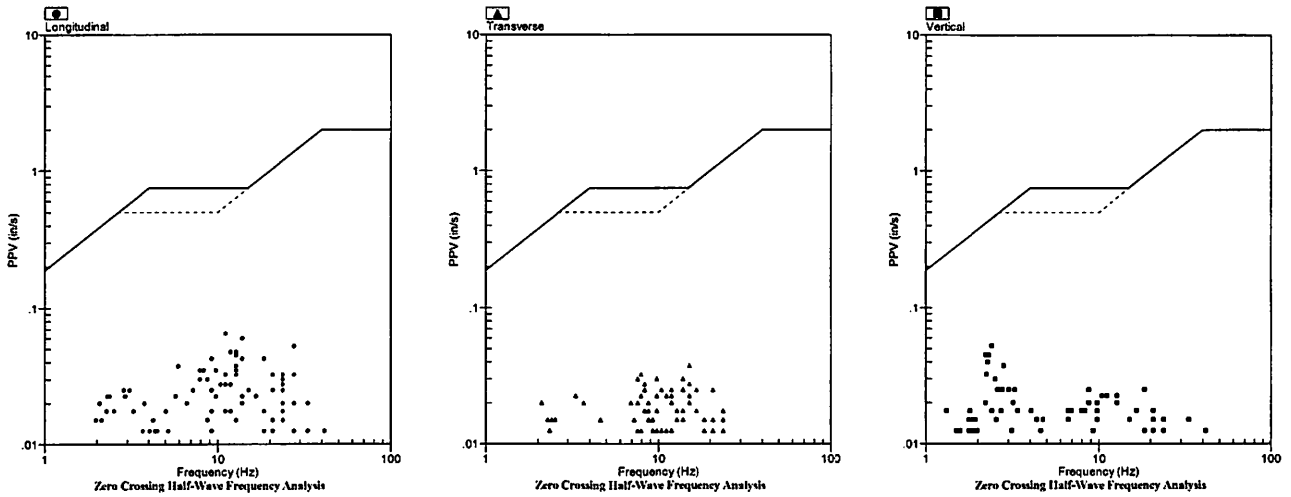
Summary Data

	L	T	V
PPV (in/s)	0.065	0.038	0.053
FREQ (Hz)	11.1	15.2	2.4
PD (.001")	1.56	1.13	3.14
PPA (g)	0.020	0.013	0.013
Peak Vector Sum:	0.073 in/s		
Peak Air Pressure:	104 db		
	0.00053 PSI @ 3.5 Hz		

Additional Info:

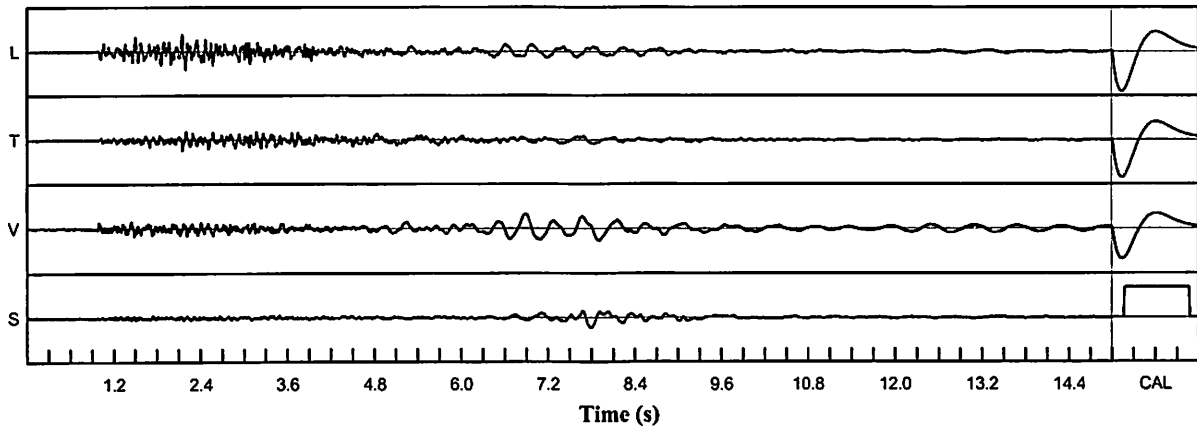
Shaketable Calibrated: 01/22/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5218 Event: 37



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5218 v5.25
Date: 03/08/2019 11:31:22
Event No: 38
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

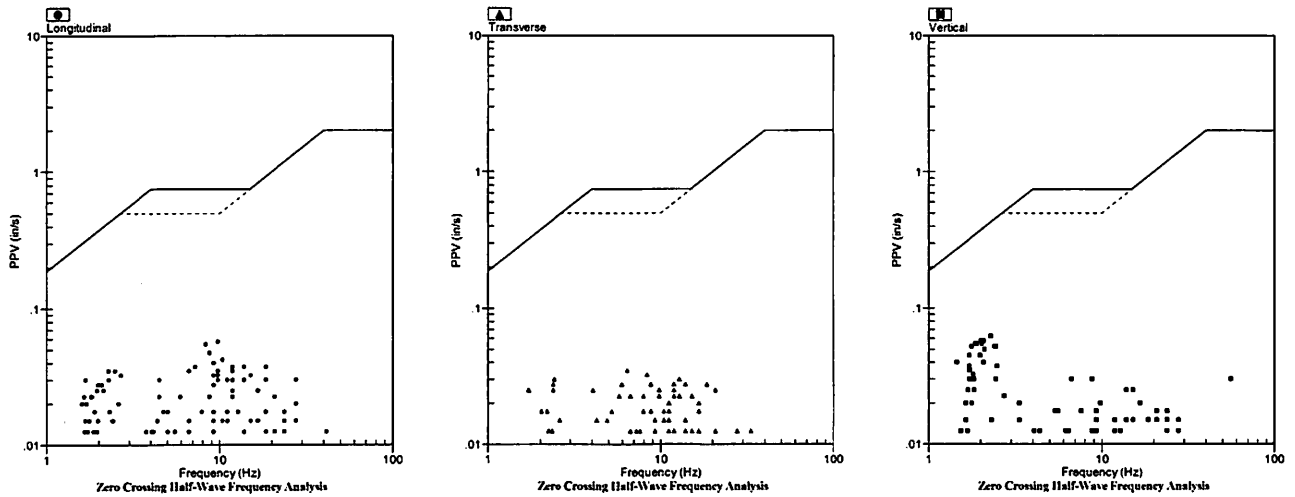
Summary Data

	L	T	V
PPV (in/s)	0.058	0.035	0.063
FREQ (Hz)	9.8	6.4	2.3
PD (.001")	2.36	1.89	4.55
PPA (g)	0.013	0.013	0.013
Peak Vector Sum:	0.065 in/s		
Peak Air Pressure:	106 db		
	0.00068 PSI @ 2.3 Hz		

Additional Info:

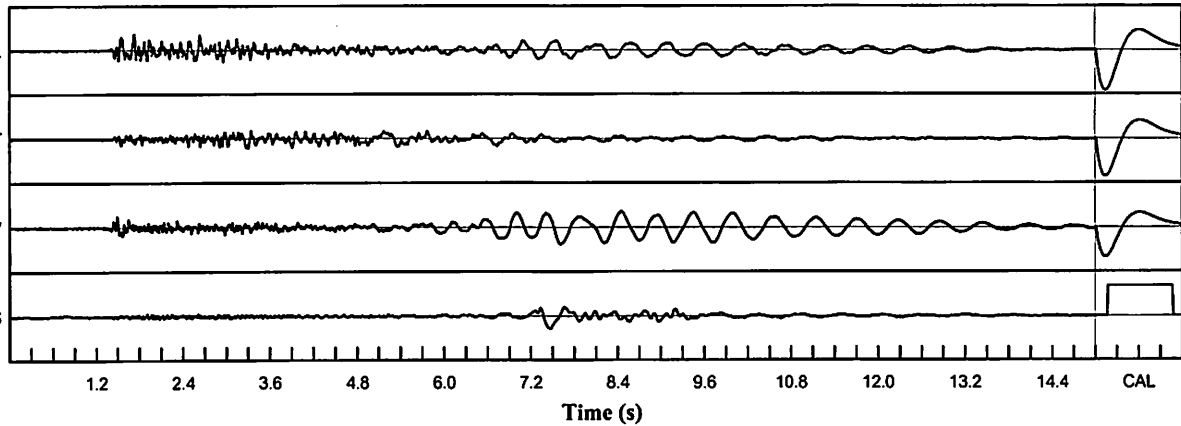
Shaketable Calibrated: 01/22/2018
By: GeoSonics Inc.
 359 Northgate Drive
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USBM Safe Blasting Levels



Velocity Waveform

SN: 5218 Event: 38



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5218 v5.25
Date: 03/14/2019 10:31:24
Event No: 39
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

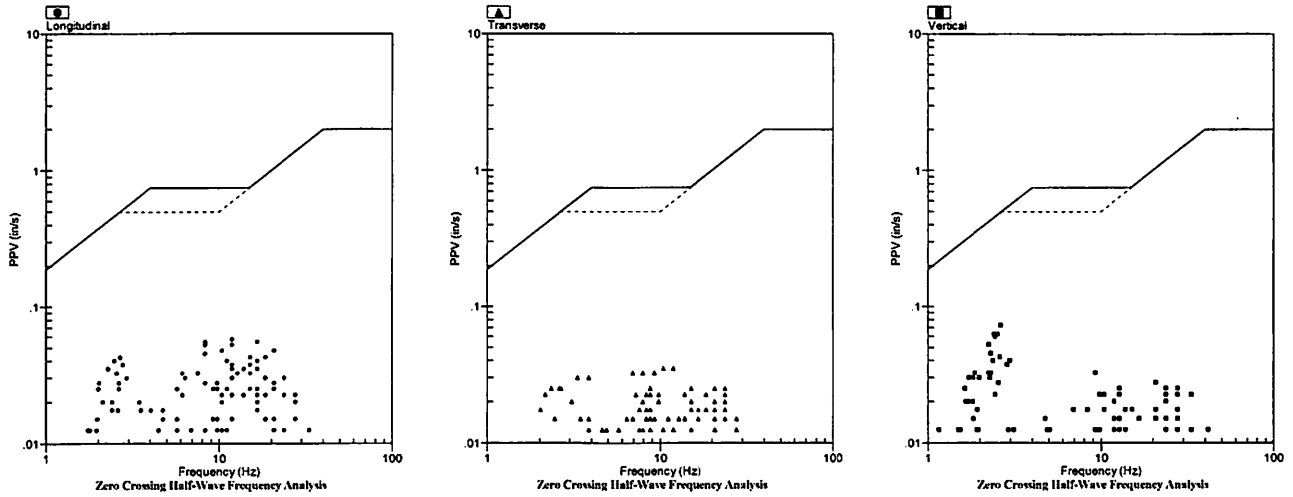
Summary Data

	L	T	V
PPV (in/s)	0.058	0.035	0.073
FREQ (Hz)	11.9	10.4	2.6
PD (.001")	2.48	1.67	4.28
PPA (g)	0.020	0.013	0.013
Peak Vector Sum:	0.075 in/s		
Peak Air Pressure:	103 db		
	0.00045 PSI @ 5.2 Hz		

Additional Info:

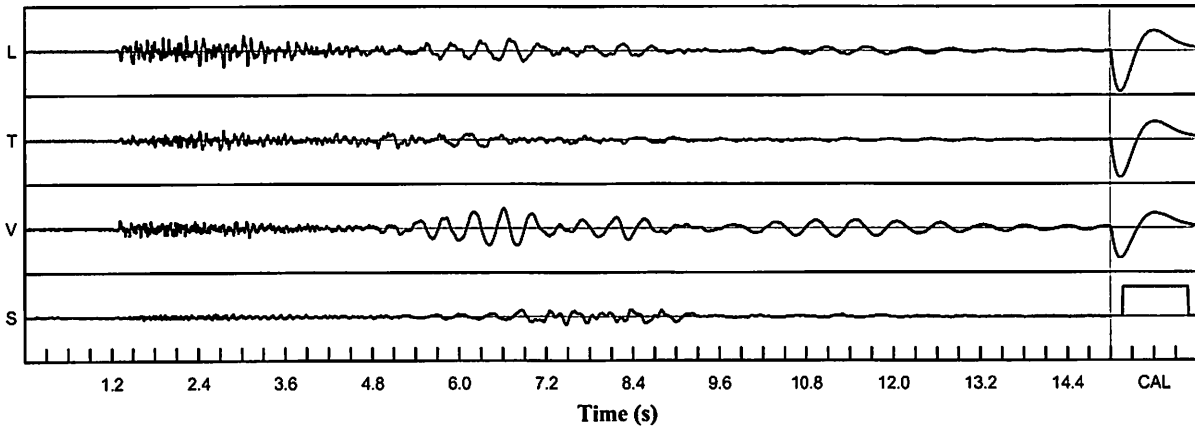
Shaketable Calibrated: 01/22/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5218 Event: 39



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5218 v5.25
Date: 03/22/2019 10:31:34
Event No: 43
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 5276 SW 152 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

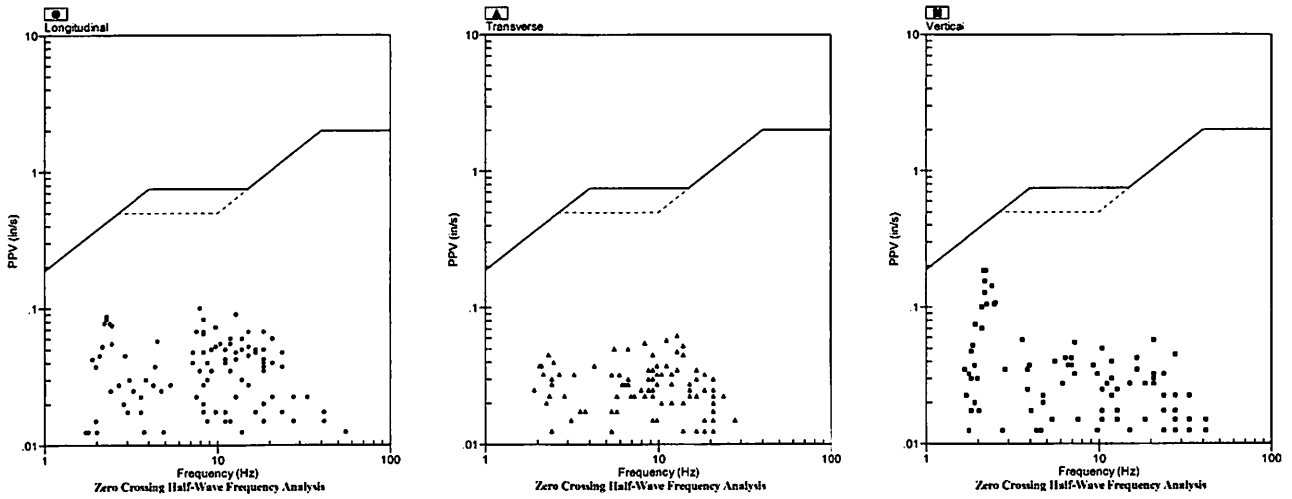
Summary Data

	L	T	V
PPV (in/s)	0.100	0.063	0.185
FREQ (Hz)	7.9	12.8	2.2
PD (.001")	5.79	2.86	13.54
PPA (g)	0.026	0.020	0.020
Peak Vector Sum:	0.188 in/s		
Peak Air Pressure:	108 db		
	0.00077 PSI @ 2.7 Hz		

Additional Info:

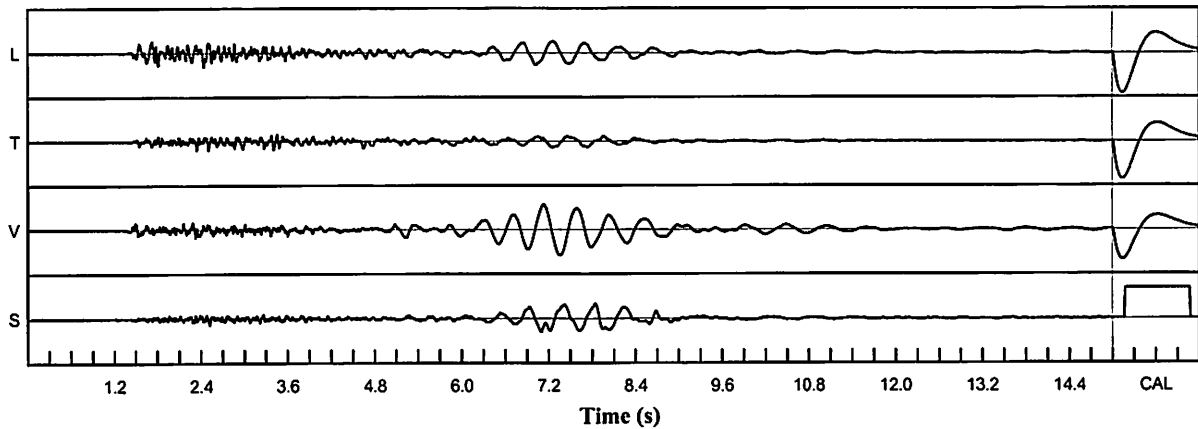
Shaketable Calibrated: 01/22/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5218 Event: 43



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5148 v3.67
Date: 03/05/2019 13:34:24
Event No: 47
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

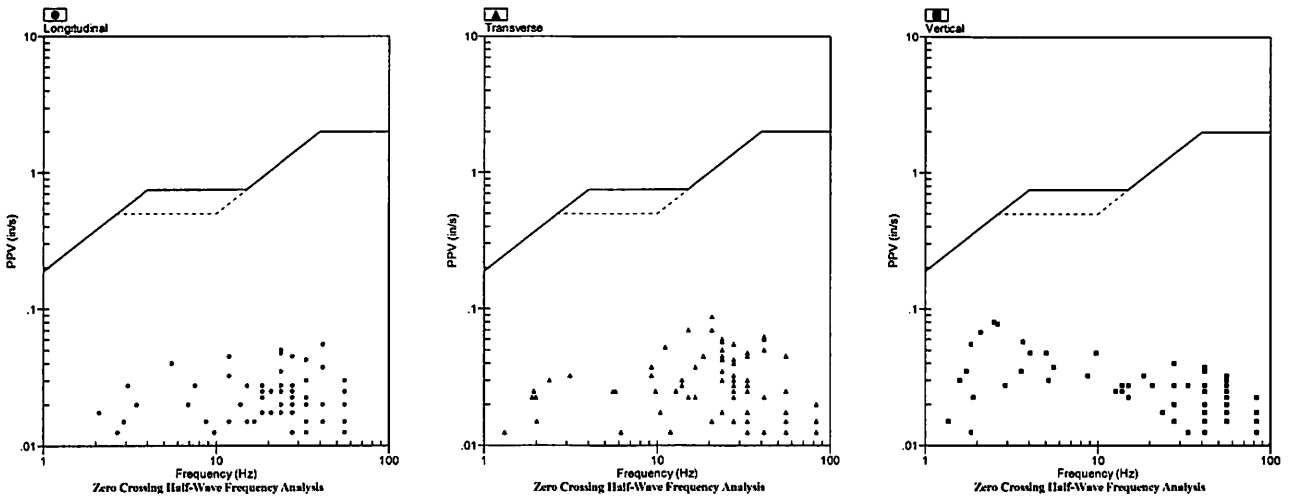
Summary Data

	L	T	V
PPV (in/s)	0.055	0.088	0.080
FREQ (Hz)	41.7	20.8	2.5
PD (.001")	1.22	1.83	5.08
PPA (g)	0.026	0.039	0.033
Peak Vector Sum:	0.098 in/s		
Peak Air Pressure:	109 db		
	0.00093 PSI @ 20.8 Hz		

Additional Info:

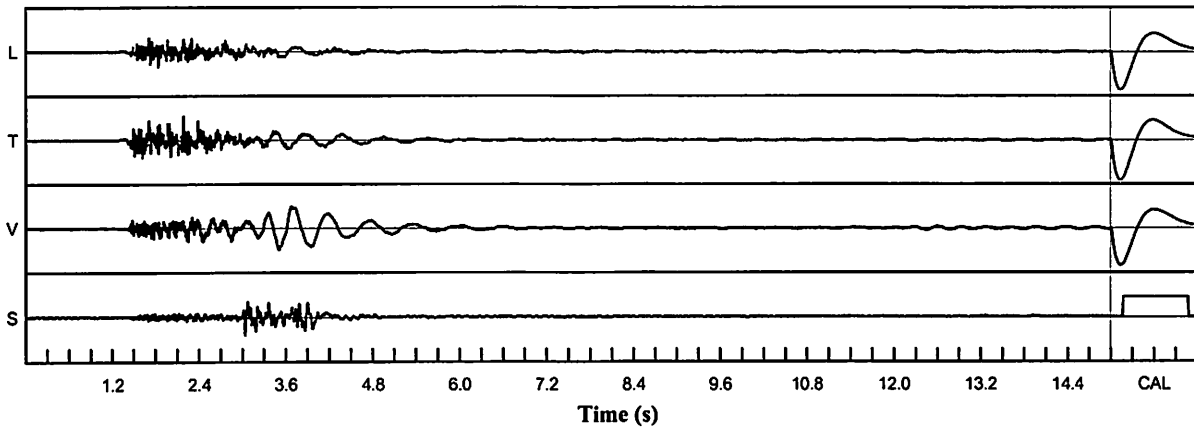
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5148 Event: 47



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5148 v3.67
Date: 03/06/2019 11:19:00
Event No: 48
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

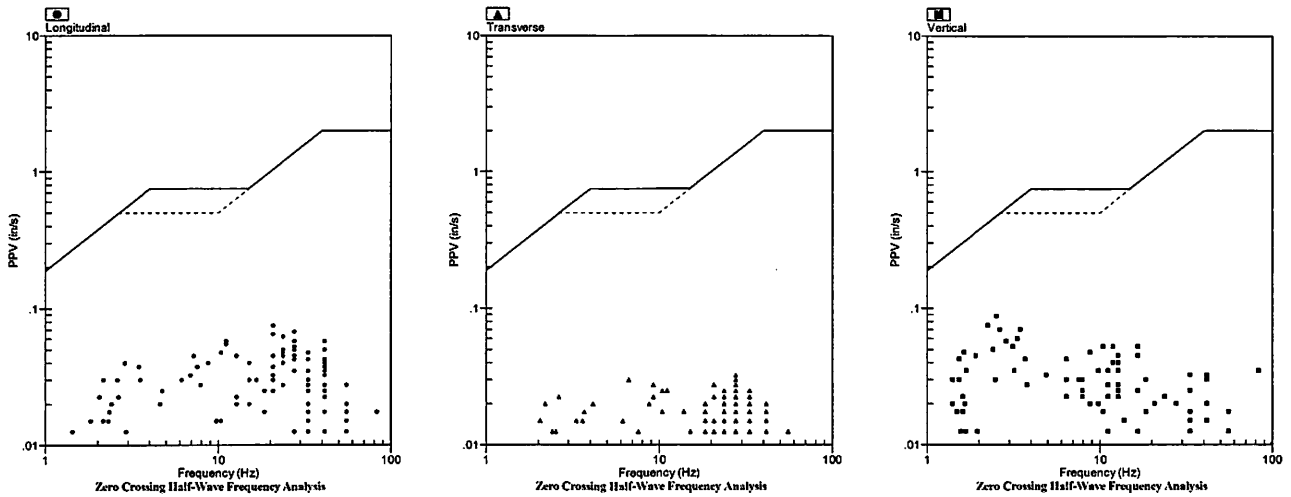
Summary Data

	L	T	V
PPV (in/s)	0.075	0.033	0.088
FREQ (Hz)	20.8	27.8	2.5
PD (.001")	2.03	1.33	5.40
PPA (g)	0.039	0.020	0.020
Peak Vector Sum:	0.090 in/s		
Peak Air Pressure:	104 db		
	0.00053 PSI @ 3.8 Hz		

Additional Info:

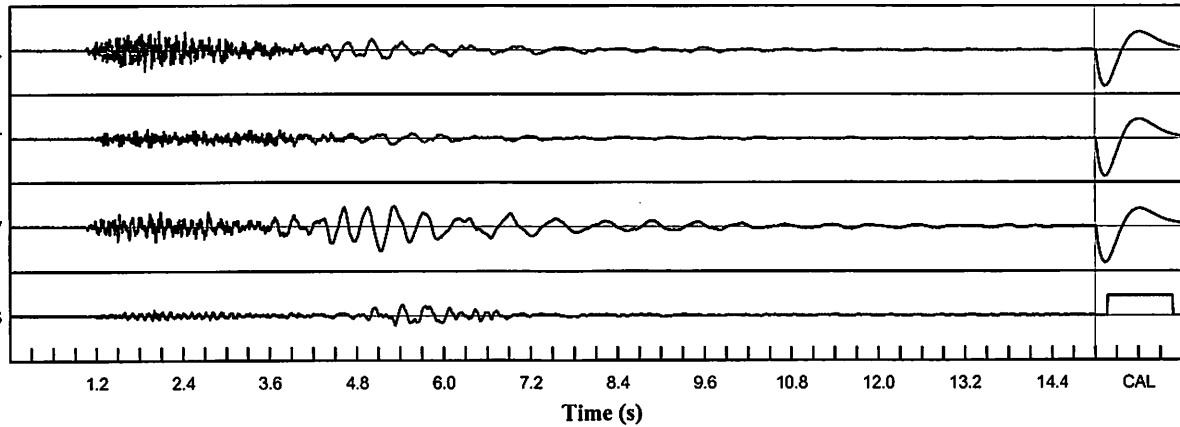
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5148 Event: 48



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5148 v3.67
Date: 03/07/2019 13:34:43
Event No: 49
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

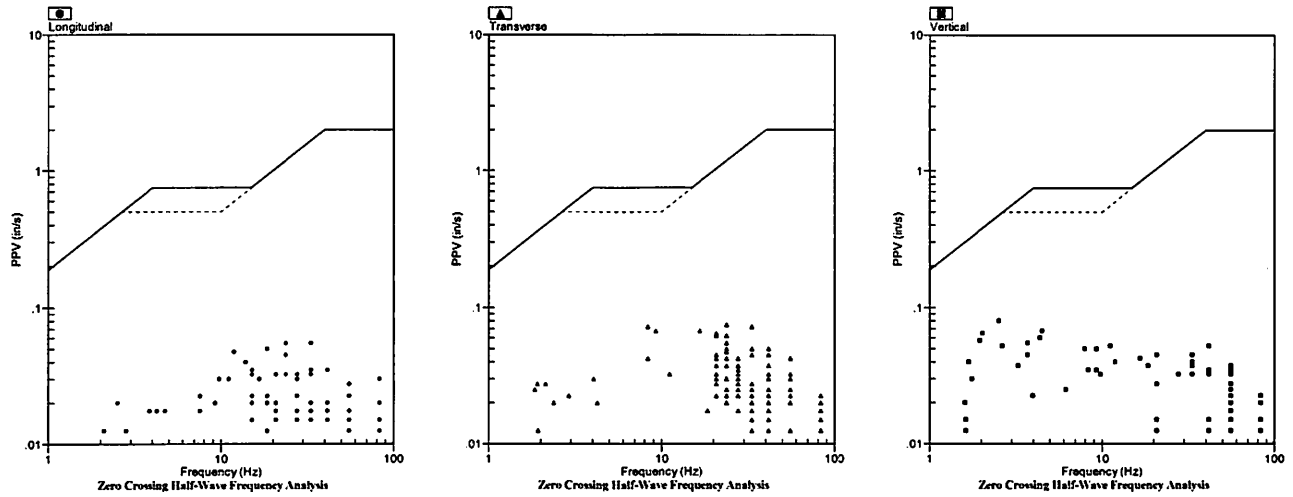
Summary Data

	L	T	V
PPV (in/s)	0.055	0.075	0.080
FREQ (Hz)	33.3	23.8	2.5
PD (.001")	1.10	1.69	4.88
PPA (g)	0.033	0.052	0.039
Peak Vector Sum:	0.088 in/s		
Peak Air Pressure:	99 db		
	0.00043 PSI @ 3.9 Hz		

Additional Info:

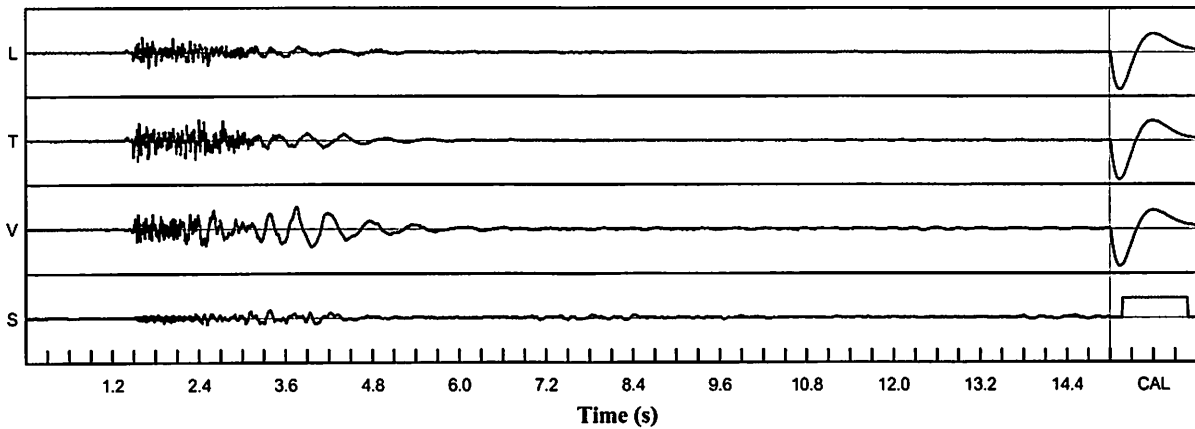
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5148 Event: 49



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5148 v3.67
Date: 03/08/2019 11:34:09
Event No: 50
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

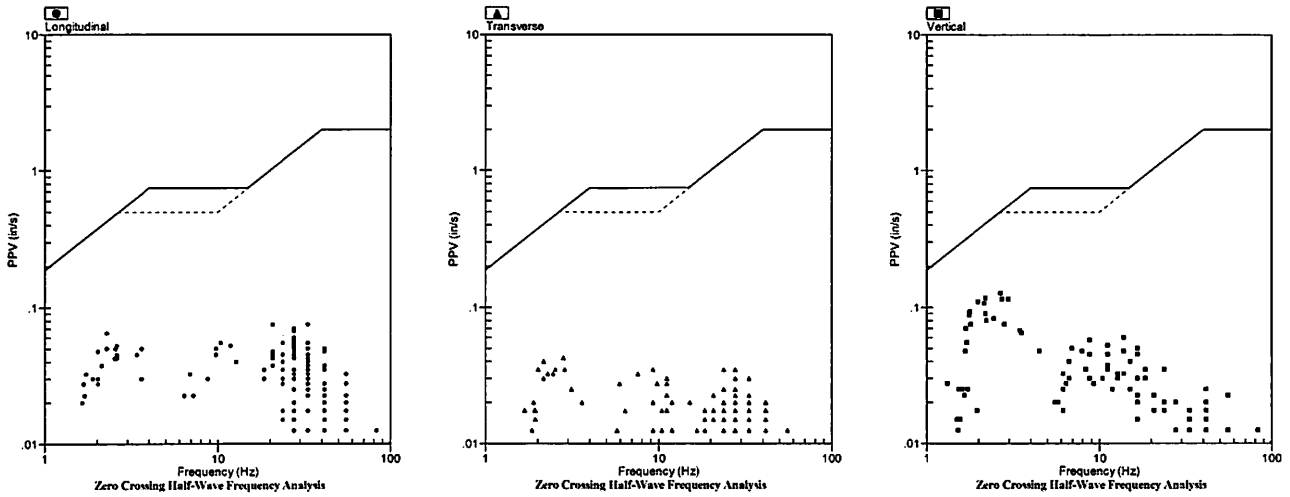
Summary Data

	L	T	V
PPV (in/s)	0.075	0.043	0.128
FREQ (Hz)	33.3	2.8	2.7
PD (.001")	4.04	2.64	8.89
PPA (g)	0.039	0.020	0.026
Peak Vector Sum:	0.133 in/s		
Peak Air Pressure:	112 db		
	0.00135 PSI @ 3.3 Hz		

Additional Info:

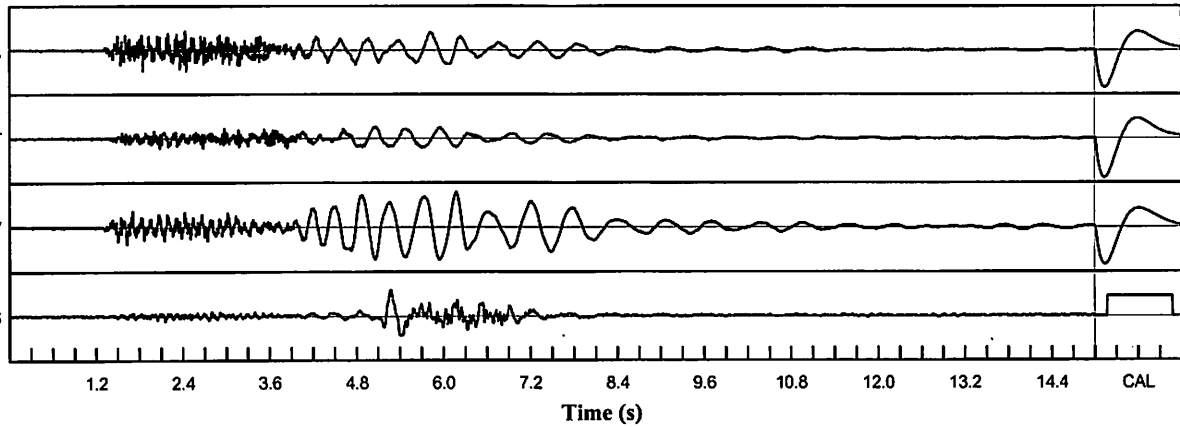
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5148 Event: 50



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

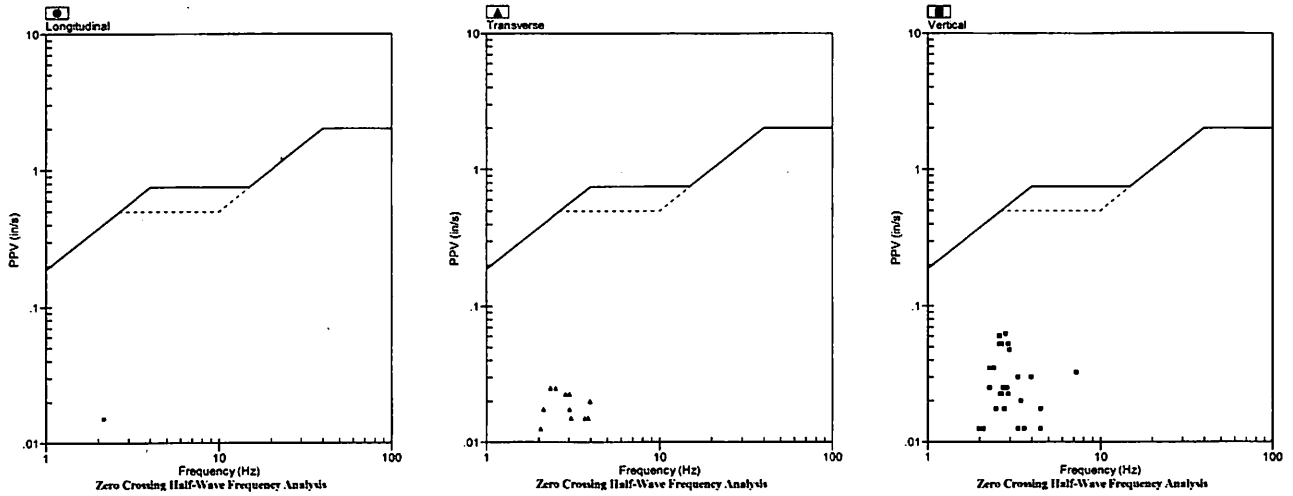
Serial No: 5148 v3.67
Date: 03/11/2019 14:04:36
Event No: 51
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

	L	T	V
PPV (in/s)	0.015	0.025	0.063
FREQ (Hz)	20.8	2.3	2.8
PD (.001")	1.13	1.68	3.67
PPA (g)	0.007	0.007	0.007
Peak Vector Sum:	0.065 in/s		
Peak Air Pressure:	99 db		
	0.00043 PSI @ 4.4 Hz		

Additional Info:

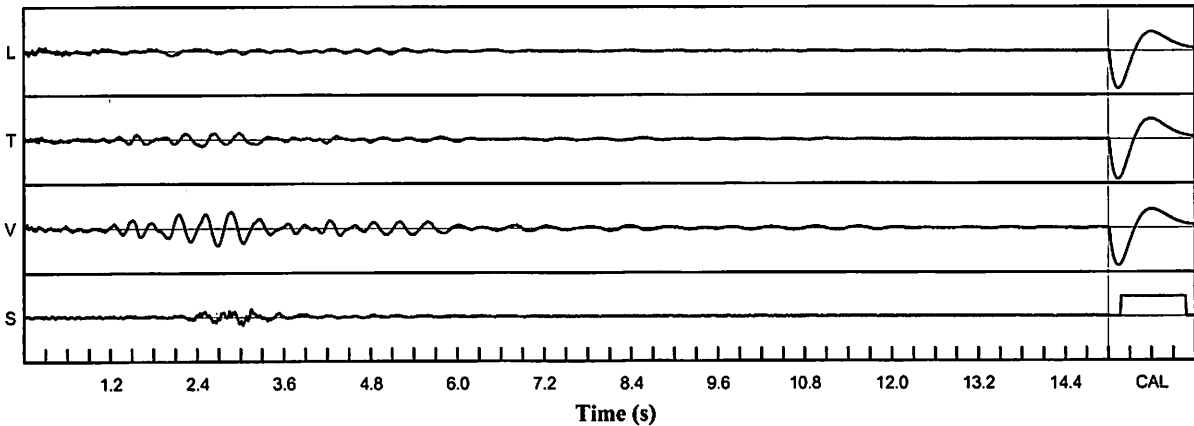
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5148 Event: 51



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5148 v3.67
Date: 03/12/2019 12:34:40
Event No: 52
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

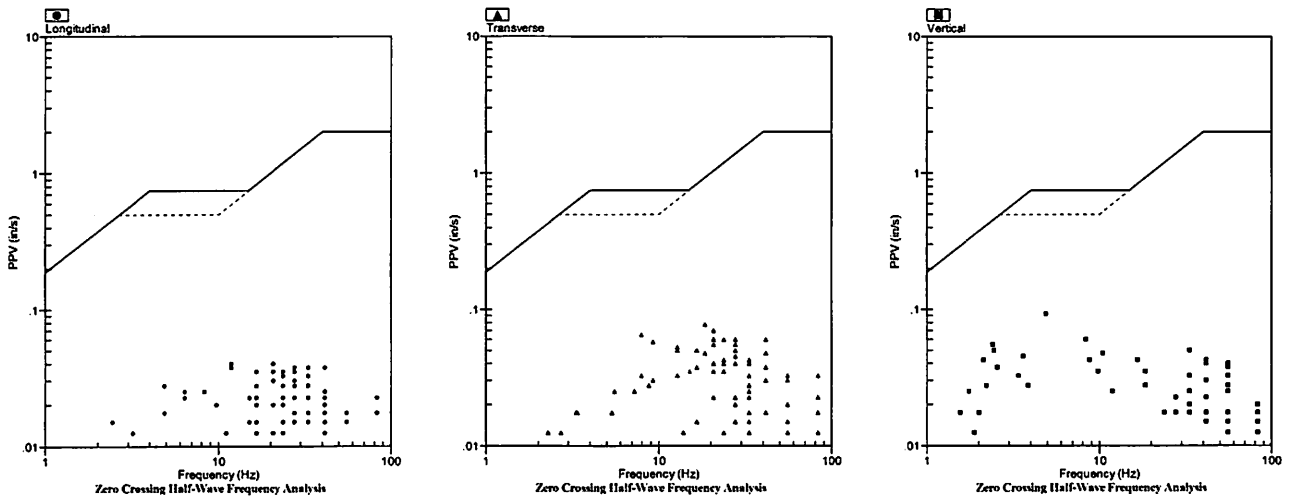
Summary Data

	L	T	V
PPV (in/s)	0.040	0.078	0.093
FREQ (Hz)	20.8	27.8	4.9
PD (.001")	1.03	1.32	2.25
PPA (g)	0.026	0.039	0.033
Peak Vector Sum:	0.095 in/s		
Peak Air Pressure:	96 db		
	0.00036 PSI @ 6.2 Hz		

Additional Info:

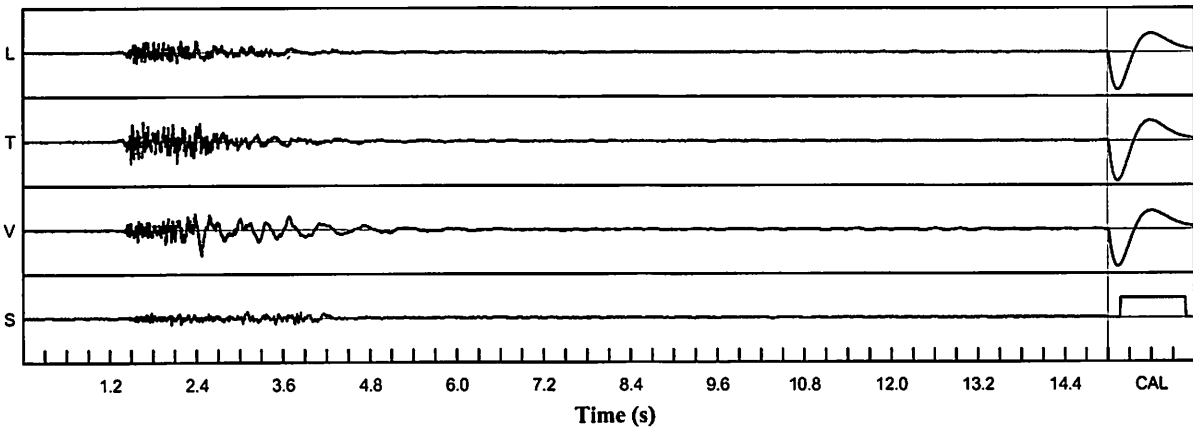
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5148 Event: 52



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5148 v3.67
Date: 03/13/2019 12:34:48
Event No: 53
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

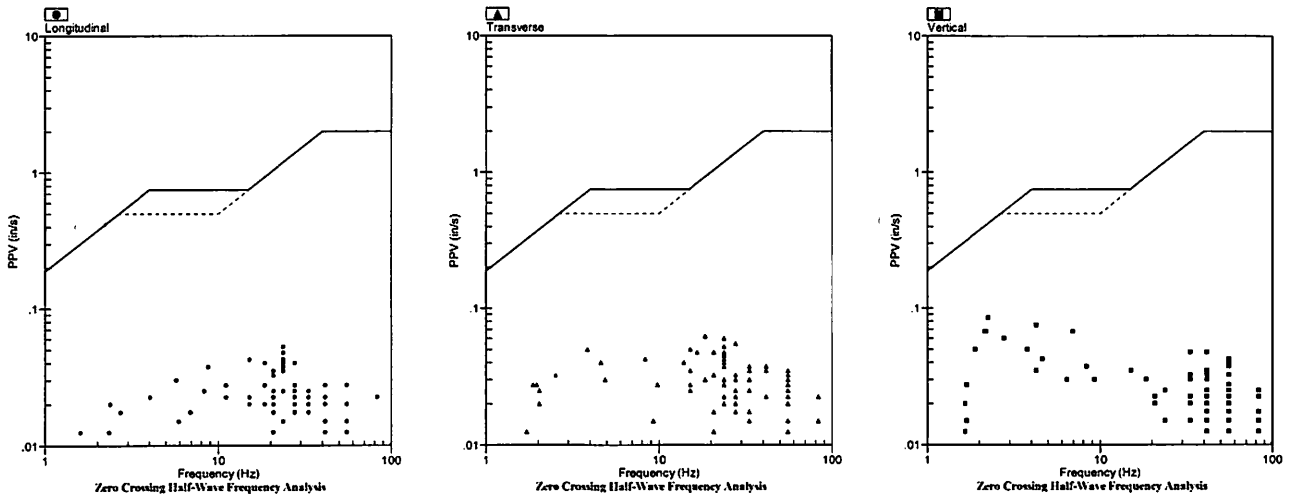
Summary Data

	L	T	V
PPV (in/s)	0.053	0.063	0.085
FREQ (Hz)	23.8	18.5	2.3
PD (.001")	1.14	2.05	5.47
PPA (g)	0.033	0.033	0.039
Peak Vector Sum:	0.090 in/s		
Peak Air Pressure:	104 db		
	0.00053 PSI @ 4.3 Hz		

Additional Info:

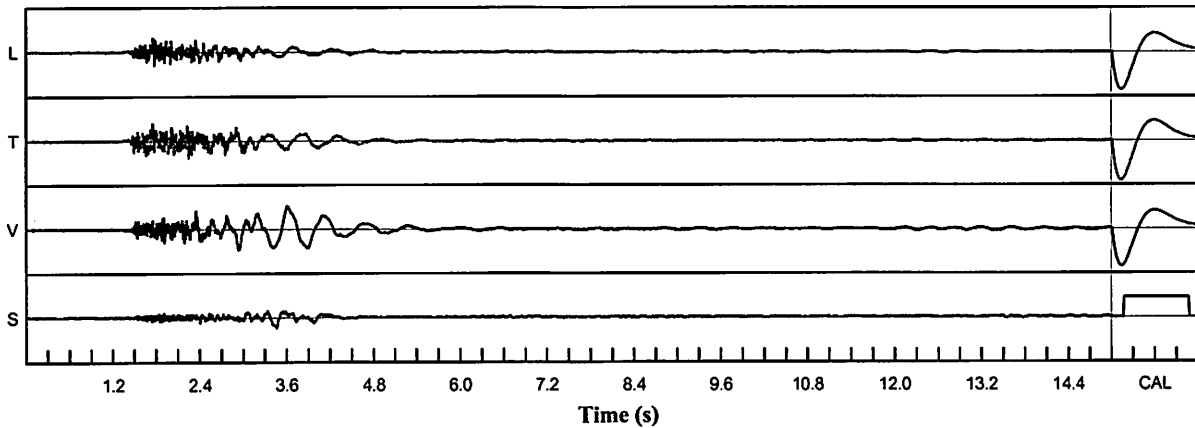
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5148 Event: 53



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5148 v3.67
Date: 03/14/2019 10:34:27
Event No: 54
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

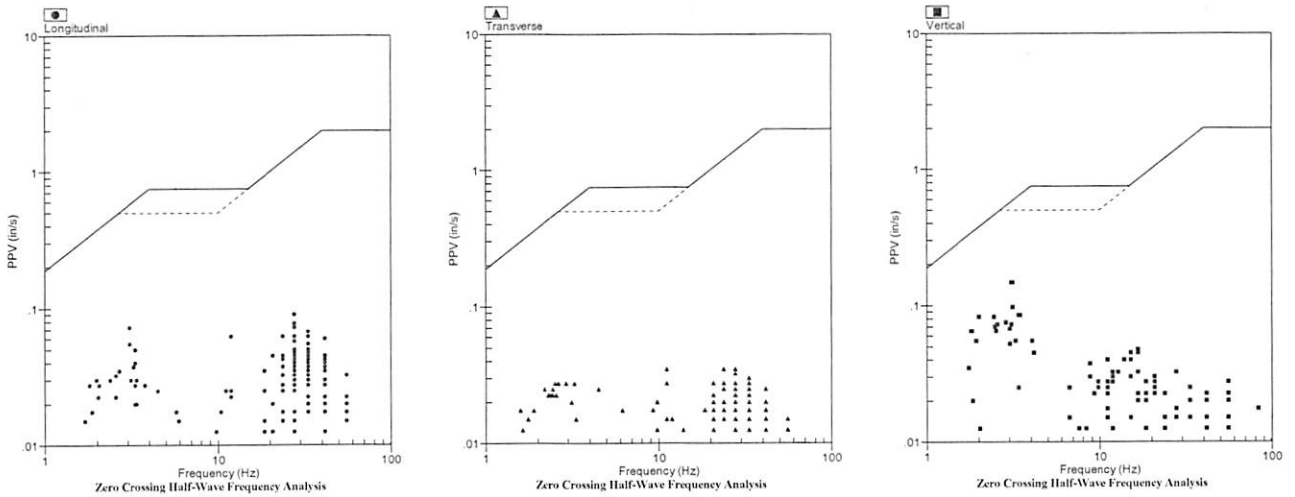
Summary Data

	L	T	V
PPV (in/s)	0.090	0.035	0.148
FREQ (Hz)	27.8	11.1	3.1
PD (.001")	3.53	1.63	7.52
PPA (g)	0.039	0.020	0.026
Peak Vector Sum:	0.153 in/s		
Peak Air Pressure:	109 db		
	0.00100 PSI @ 4.6 Hz		

Additional Info:

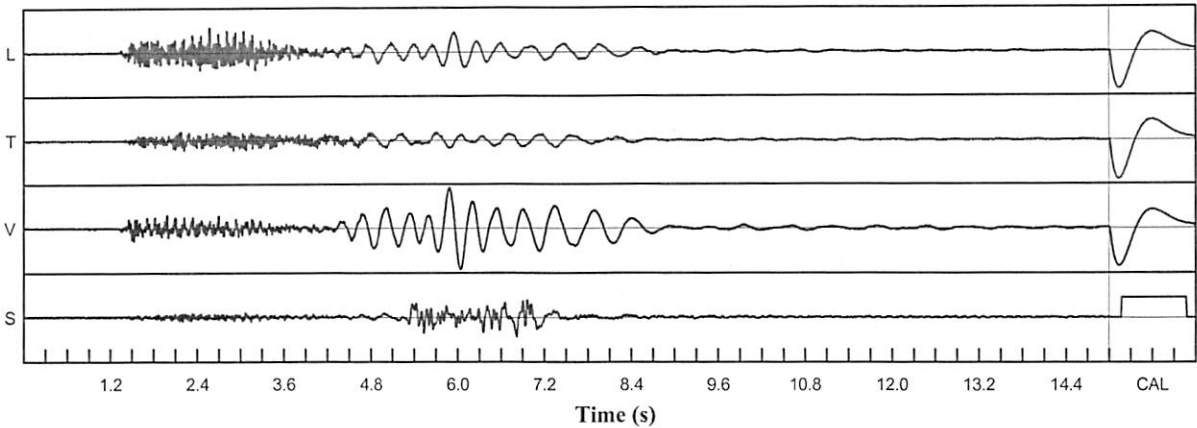
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5148 Event: 54



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

Serial No: 5148 v3.67
Date: 03/18/2019 10:35:03
Event No: 55
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

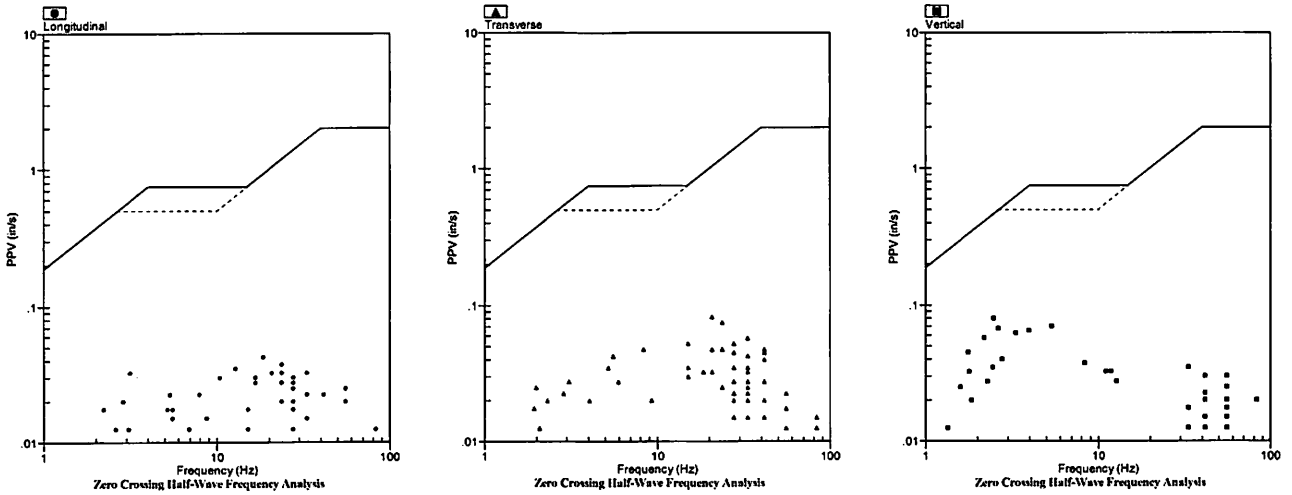
Summary Data

	L	T	V
PPV (in/s)	0.043	0.083	0.080
FREQ (Hz)	18.5	20.8	2.5
PD (.001")	1.17	1.40	4.41
PPA (g)	0.026	0.046	0.026
Peak Vector Sum:	0.090 in/s		
Peak Air Pressure:	96 db		
	0.00036 PSI @ 5.6 Hz		

Additional Info:

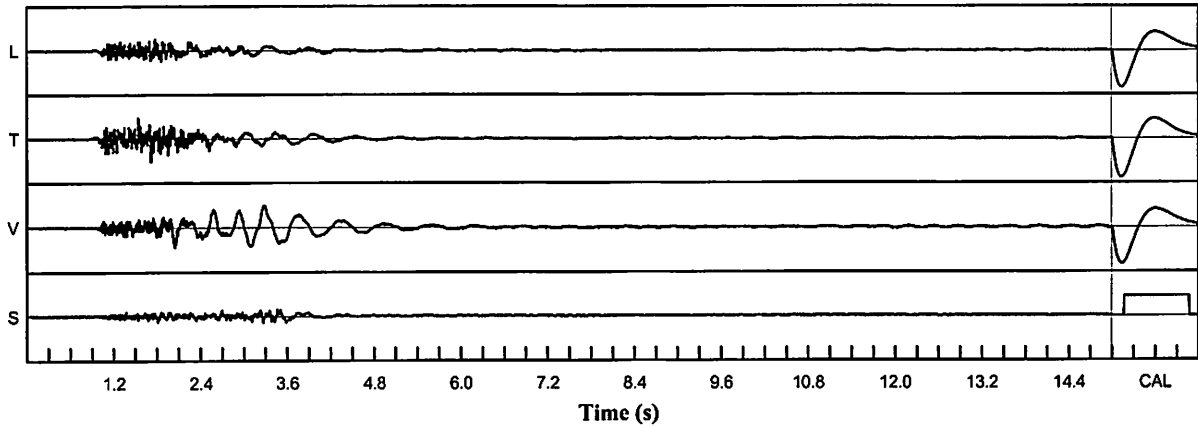
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5148 Event: 55



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

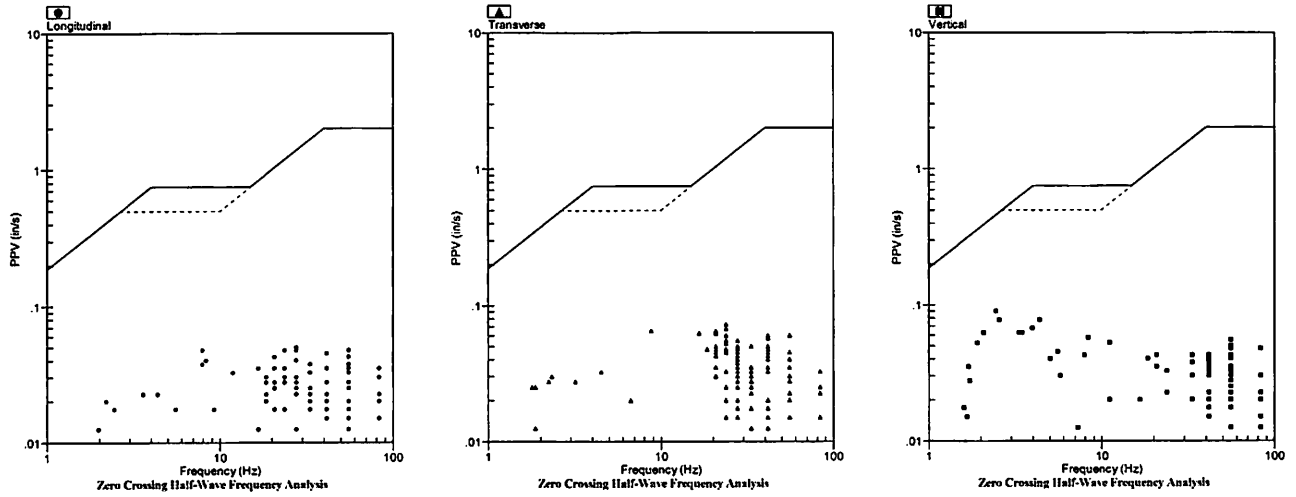
Serial No: 5148 v3.67
Date: 03/19/2019 10:35:02
Event No: 56
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

	L	T	V
PPV (in/s)	0.050	0.073	0.090
FREQ (Hz)	27.8	23.8	2.5
PD (.001")	1.18	1.75	4.76
PPA (g)	0.046	0.059	0.046
Peak Vector Sum:	0.093 in/s		
Peak Air Pressure:	103 db		
	0.00050 PSI @ 4.1 Hz		

Additional Info:

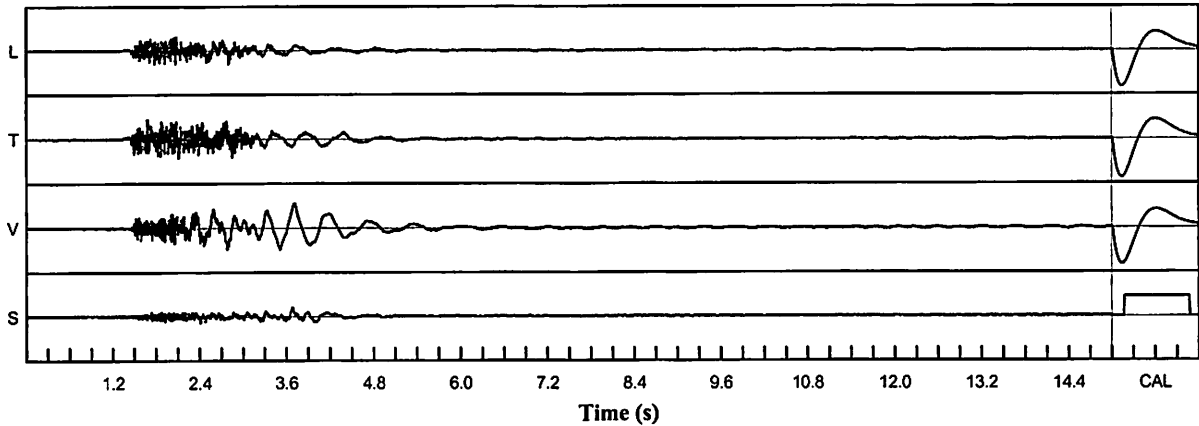
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5148 Event: 56



Velocity Waveform Graph Scale

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

Seismic Analysis

USBM/Velocity Waveform Report

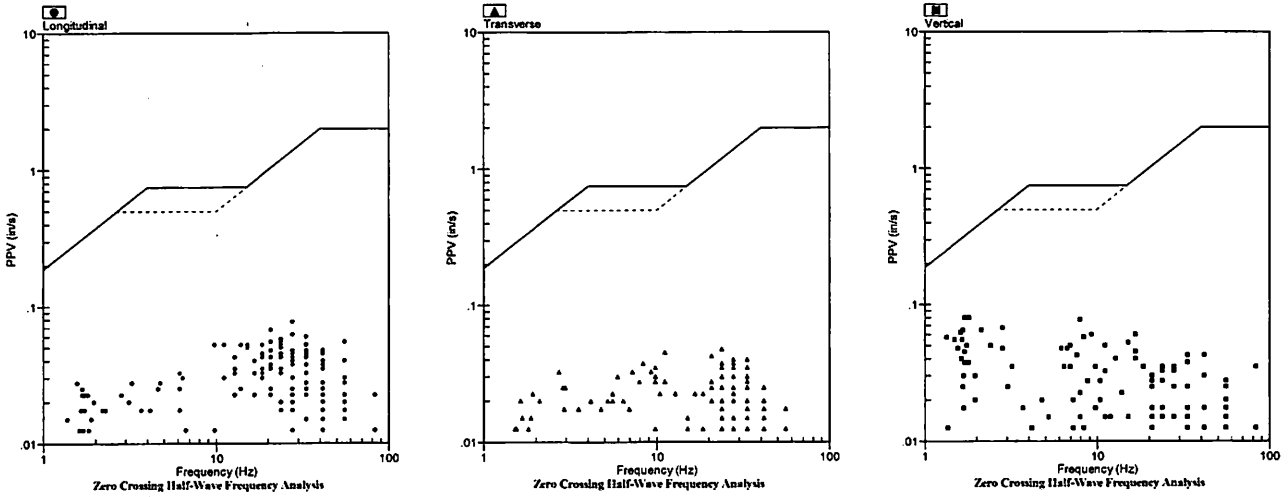
Serial No: 5148 v3.67
Date: 03/22/2019 10:35:00
Event No: 57
Record Time: 15.0 s
Client: City of Miramar
Operation: White Rock Quarries
Location: 17040 SW 53 Ct
Distance:
Operator: Roy A
Comment: In Ground
Seismic Trigger: 0.030 in/s

	L	T	V
PPV (in/s)	0.078	0.048	0.080
FREQ (Hz)	27.8	23.8	1.7
PD (.001")	2.18	1.68	7.24
PPA (g)	0.039	0.026	0.033
Peak Vector Sum:	0.088 in/s		
Peak Air Pressure:	107 db		
	0.00068 PSI @ 3.3 Hz		

Additional Info:

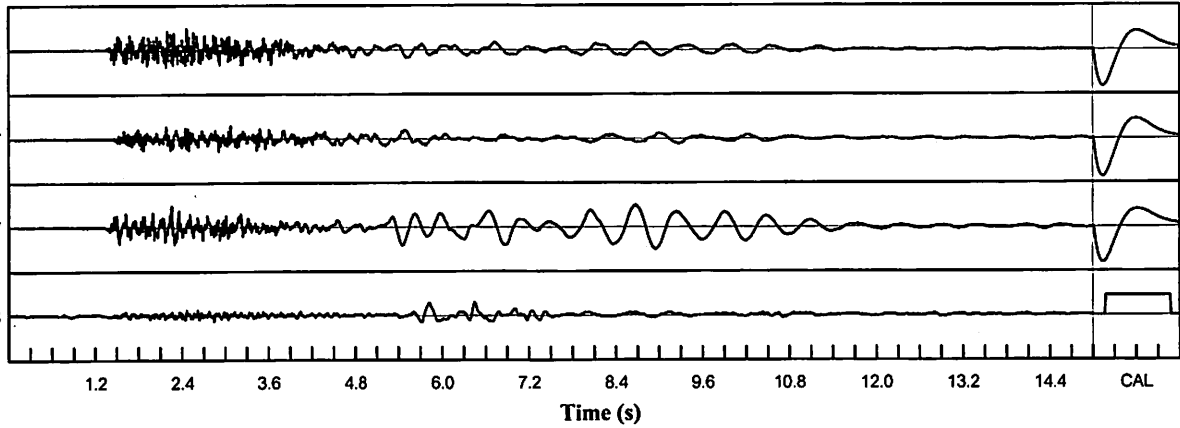
Shaketable Calibrated: 04/12/2018
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

USBM Safe Blasting Levels



Velocity Waveform

SN: 5148 Event: 57



Velocity Waveform Graph Scale

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