



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11212 v10.27
Date: 05/05/2020 13:37:34 (UTC-4)
Event No: 266
Record Time: 5.0 s
Client: PJ Keating
Operation: Acushnet Quarry
Location: 166 Lawson Ave
Distance:
Operator: GeoSonics GSM
Comment: 18ft E of Shed
Seismic Trigger: 0.050 in/s
Sound Trigger: 125 db

	Summary Data		
	L	T	V
PPV (in/s)	0.028	0.053	0.028
FREQ (Hz)	26.3	23.8	35.7
PD (.001")	0.23	0.29	0.13
PPA (g)	0.026	0.033	0.020
Peak Vector Sum :	0.053 in/s		
Peak Air Pressure:	122 db		
	0.00388 PSI @ 4.7 Hz		

Additional Info:

j-GEO-24006
41 40 14, -70 54 04

Shaketable Calibrated: 06/30/2019

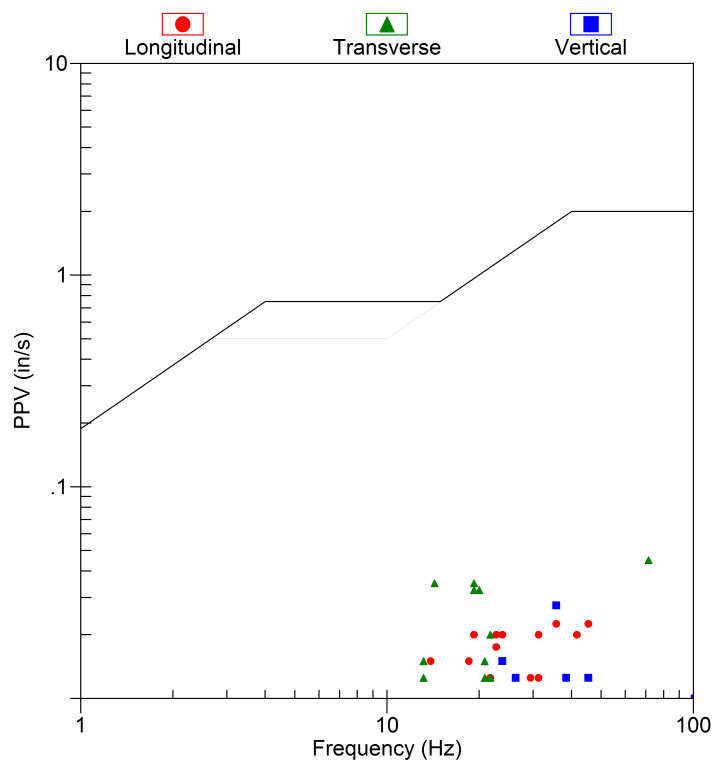
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0045 PSI

USBM Safe Blasting Levels

SN: 11212 Event: 266

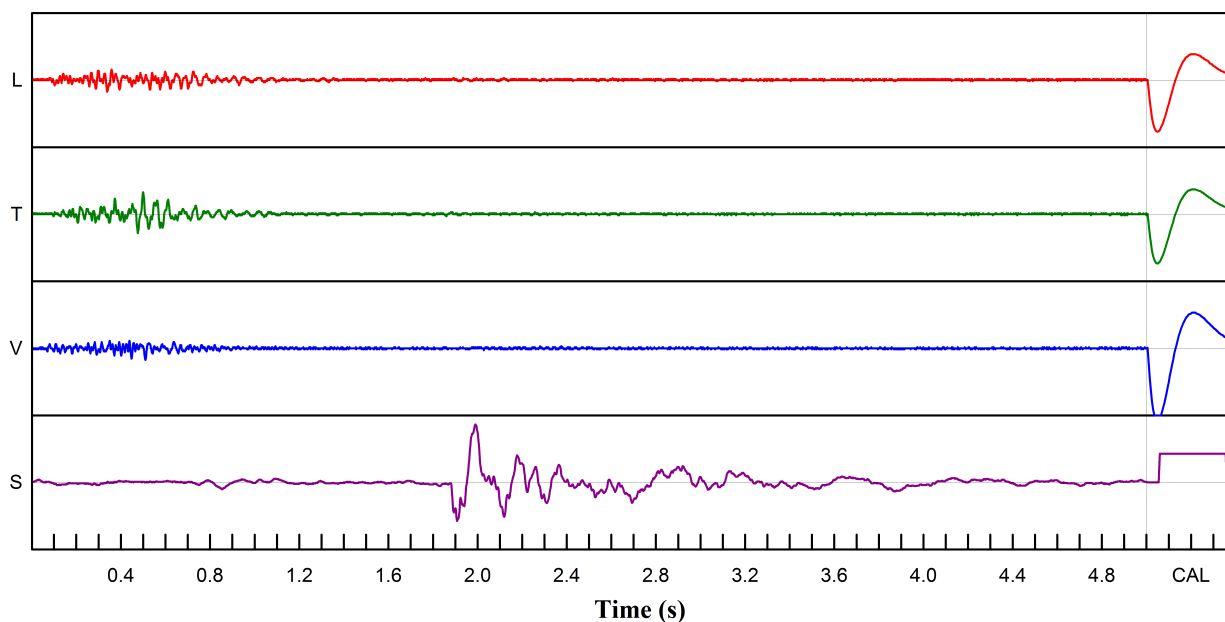


Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.035 in/s 14.3 Hz 4.9%

Velocity Waveform

SN: 11212 Event: 266





GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11236 v10.27
Date: 05/05/2020 13:37:34 (UTC-4)
Event No: 95
Record Time: 5.0 s
Client: PJ Keating
Operation: Acushnet Quarry
Location: NE Property Line
Distance:
Operator: GeoSonics GSM
Comment: Acushnet, MA
Seismic Trigger: 0.050 in/s
Sound Trigger: 129 db

	Summary Data		
	L	T	V
PPV (in/s)	0.168	0.205	0.150
FREQ (Hz)	38.5	45.5	62.5
PD (.001")	0.59	0.59	0.49
PPA (g)	0.163	0.202	0.137
Peak Vector Sum :	0.230 in/s		
Peak Air Pressure:	124 db		
	0.00477 PSI @ 1.9 Hz		

Additional Info:

j-GEO-18700
41 40 40, -70 53 40

Shaketable Calibrated: 10/30/2019

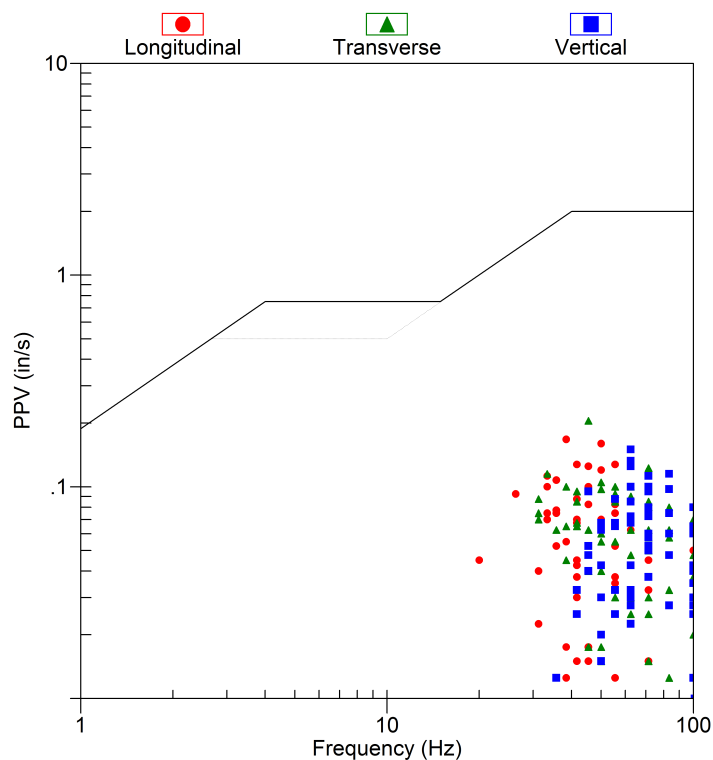
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
Seismic Scale: +/- 0.320 in/s
Sound Scale: +/- 0.0091 PSI

USBM Safe Blasting Levels

SN: 11236 Event: 95



Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.205 in/s 45.5 Hz 10.3%

Velocity Waveform

SN: 11236 Event: 95

