



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11236 v10.27
Date: 04/28/2020 11:31:13 (UTC-4)
Event No: 94
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)	0.310	0.445	0.323
FREQ (Hz)	71.4	125.0	45.5
PD (.001")	1.19	1.42	1.16
PPA (g)	0.579	0.964	0.710
Peak Vector Sum :	0.463 in/s		
Peak Air Pressure:	123 db		
	0.00409 PSI @ 2.5 Hz		

Additional Info:

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

Shaketable Calibrated: 10/30/2019

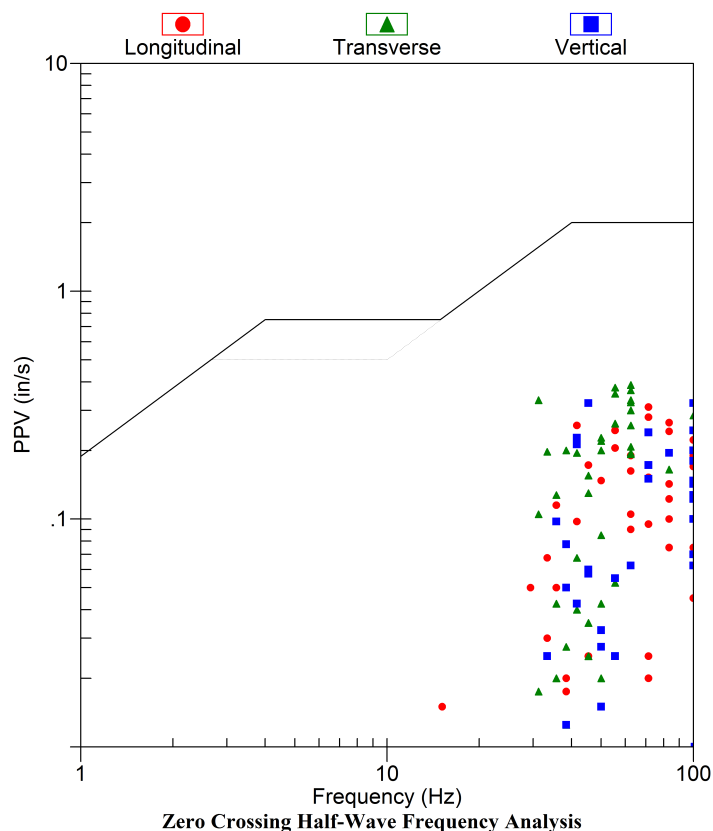
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
Seismic Scale: +/- 0.640 in/s
Sound Scale: +/- 0.0045 PSI

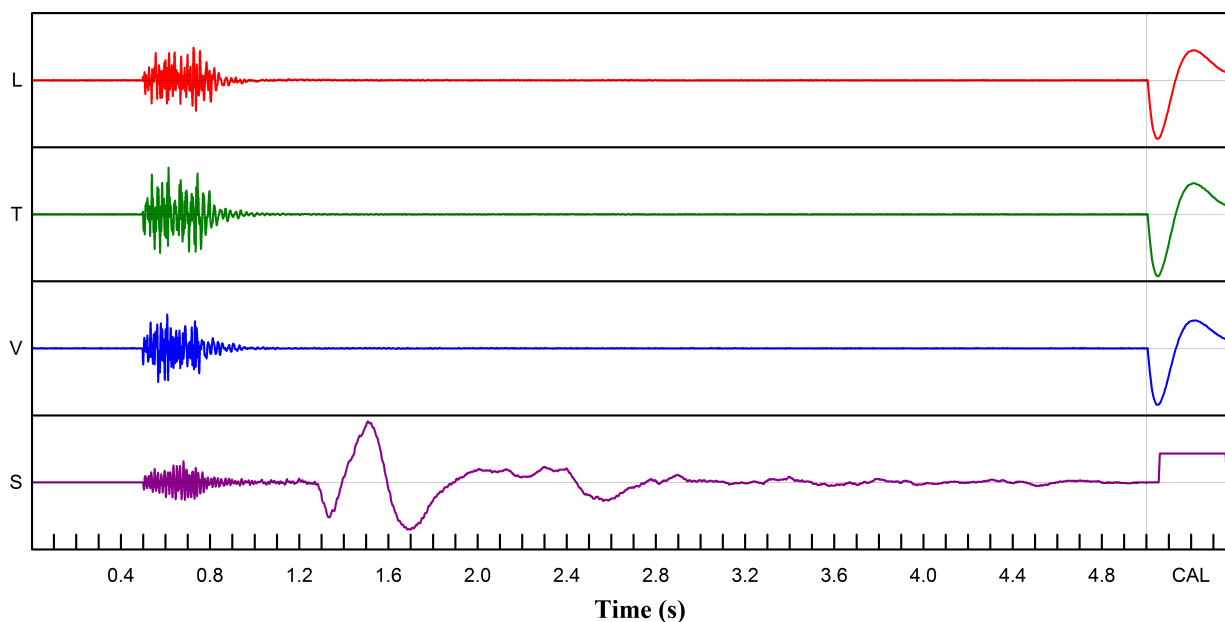
USBM Safe Blasting Levels

SN: 11236 Event: 94



Velocity Waveform

SN: 11236 Event: 94





GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11212 v10.27
Date: 04/28/2020 11:31:14 (UTC-4)
Event No: 261
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)	0.065	0.068	0.043
FREQ (Hz)	31.3	20.0	38.5
PD (.001")	0.35	0.46	0.22
PPA (g)	0.033	0.033	0.033
Peak Vector Sum :	0.073 in/s		
Peak Air Pressure:	126 db		
	0.00666 PSI @ 9.3 Hz		

Additional Info:

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

Shaketable Calibrated: 06/30/2019

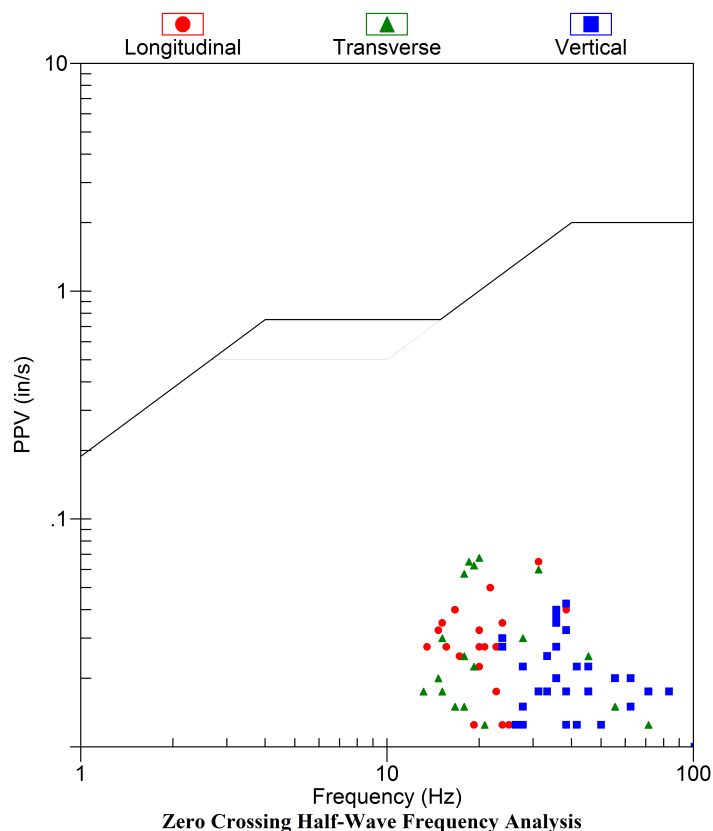
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
Seismic Scale: +/- 0.160 in/s
Sound Scale: +/- 0.0091 PSI

USBM Safe Blasting Levels

SN: 11212 Event: 261



Velocity Waveform

SN: 11212 Event: 261

