



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11560 v10.27
Date: 11/22/2019 12:58:27 (UTC-5)
Event No: 44
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)	0.058	0.100	0.035
FREQ (Hz)	35.7	20.8	55.6
PD (.001")	0.46	0.63	0.20
PPA (g)	0.039	0.046	0.033
Peak Vector Sum :	0.103 in/s		
Peak Air Pressure:	117 db		
	0.00228 PSI @ 2.5 Hz		

Additional Info:

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

Shaketable Calibrated: 07/01/2019

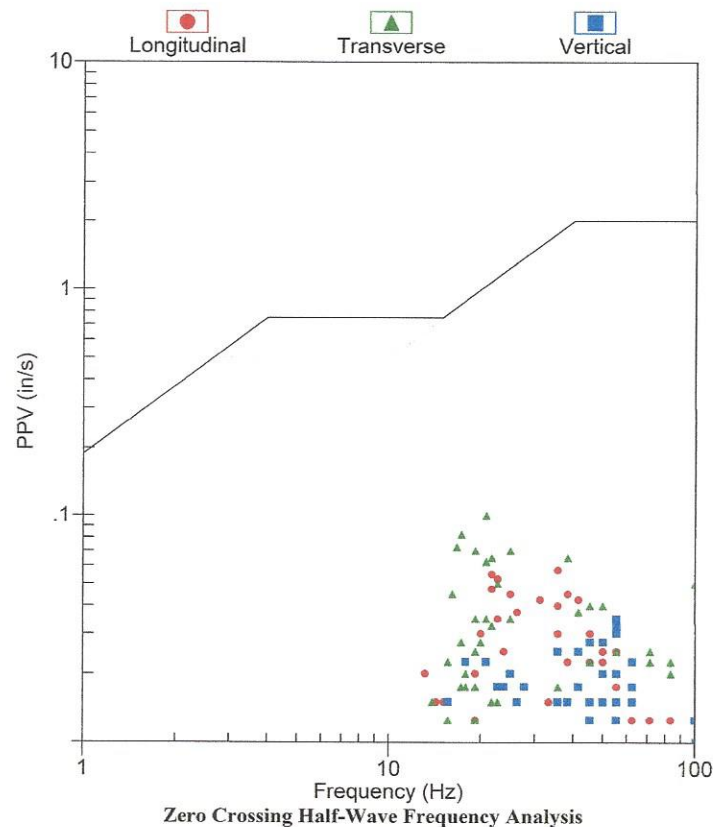
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

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

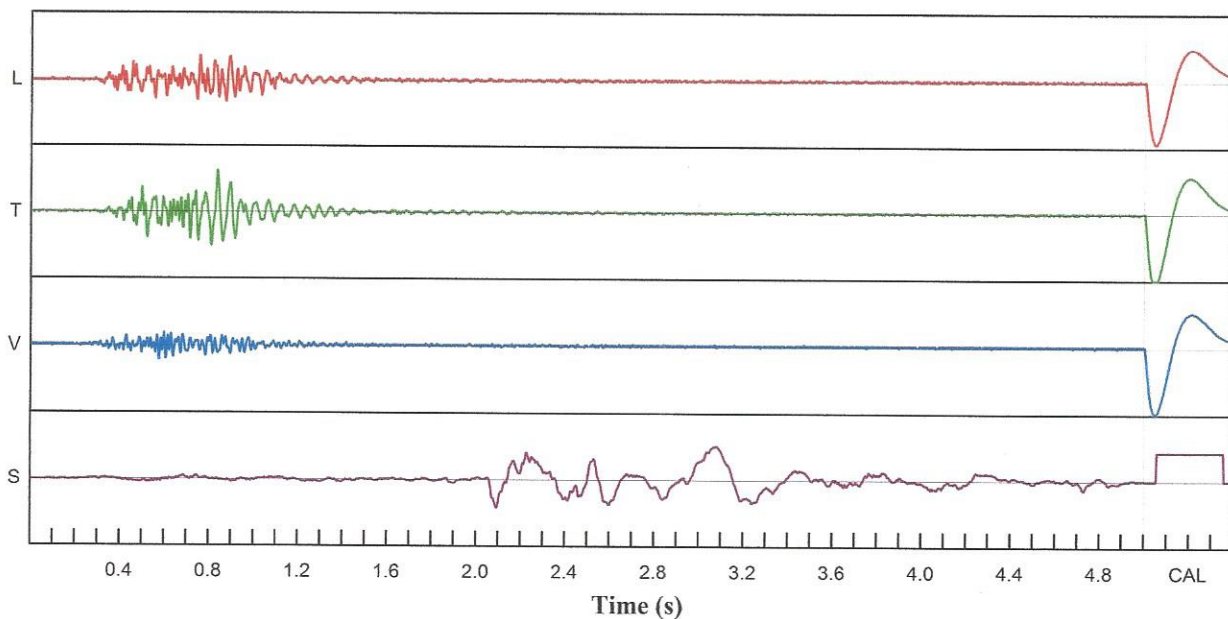
USBM Safe Blasting Levels

SN: 11560 Event: 44



Velocity Waveform

SN: 11560 Event: 44





GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11213 v10.27
 Date: 11/22/2019 12:58:28 (UTC-5)
 Event No: 25
 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: 125 db

	Summary Data		
	L	T	V
PPV (in/s)	0.263	0.233	0.335
FREQ (Hz)	45.5	55.6	55.6
PD (.001")	1.15	1.15	1.33
PPA (g)	0.267	0.247	0.293
Peak Vector Sum :	0.378 in/s		
Peak Air Pressure:	125 db		
	0.00527 PSI @ 2.5 Hz		

Additional Info:

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

Shaketable Calibrated: 01/22/2019

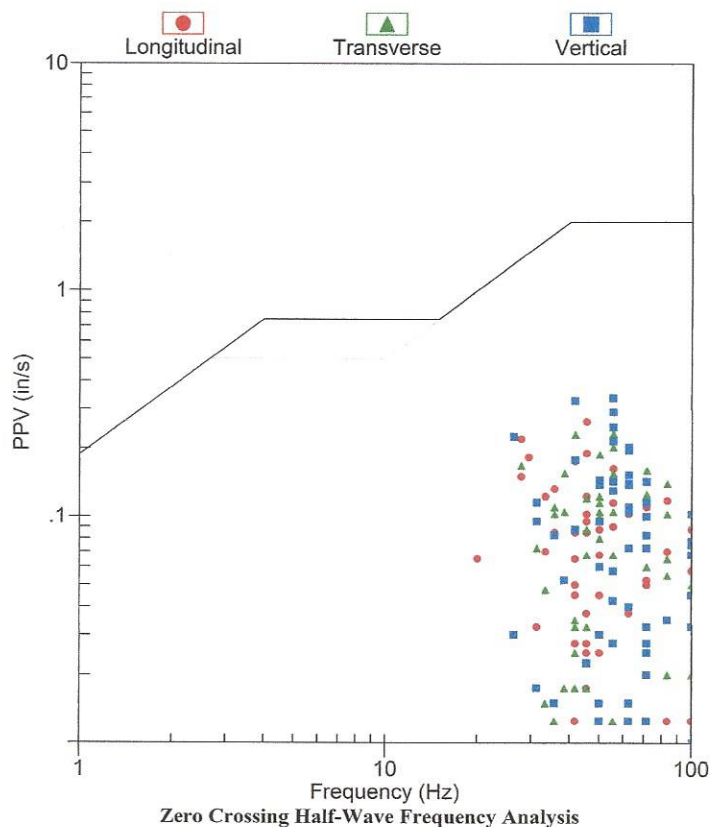
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
 Seismic Scale: +/- 0.640 in/s
 Sound Scale: +/- 0.0091 PSI

USBM Safe Blasting Levels

SN: 11213 Event: 25



Velocity Waveform

SN: 11213 Event: 25

