



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11560 v10.27
Date: 09/19/2019 13:00:39 (UTC-4)
Event No: 7
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)	0.053	0.065	0.038
FREQ (Hz)	23.8	15.6	50.0
PD (.001")	0.34	0.54	0.18
PPA (g)	0.033	0.039	0.033
Peak Vector Sum :	0.070 in/s		
Peak Air Pressure:	122 db		
	0.00370 PSI @ 5.2 Hz		

Additional Info:

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

Shaketable Calibrated: 07/01/2019

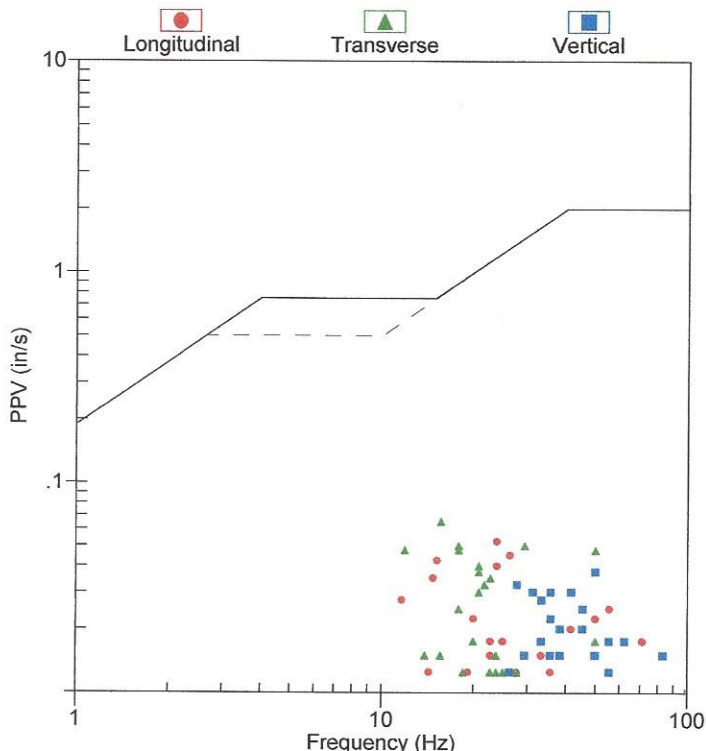
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

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

USBM Safe Blasting Levels

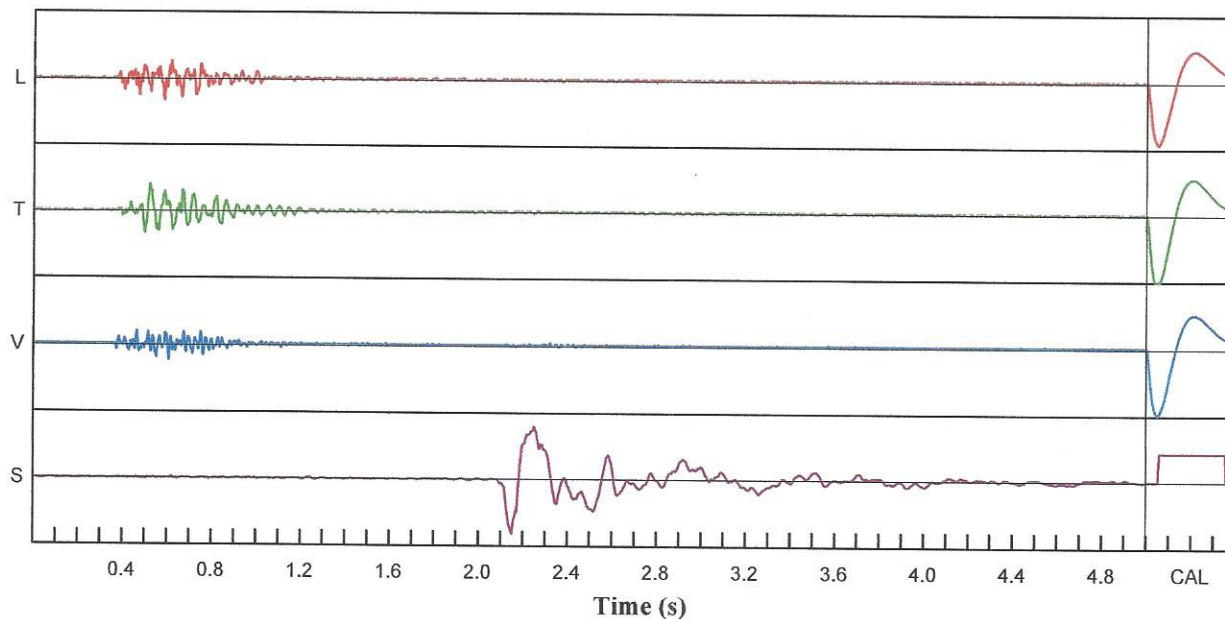
SN: 11560 Event: 7



Most Significant: 0.065 in/s 15.6 Hz 8.3%

Velocity Waveform

SN: 11560 Event: 7





GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11213 v10.27
 Date: 09/19/2019 13:00:38 (UTC-4)
 Event No: 16
 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)	0.205	0.158	0.170
FREQ (Hz)	45.5	41.7	71.4
PD (.001")	0.82	0.95	0.48
PPA (g)	0.234	0.195	0.202
Peak Vector Sum :	0.238 in/s		
Peak Air Pressure:	120 db		
	0.00317 PSI @ 1.7 Hz		

Additional Info:

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

Shaketable Calibrated: 01/22/2019

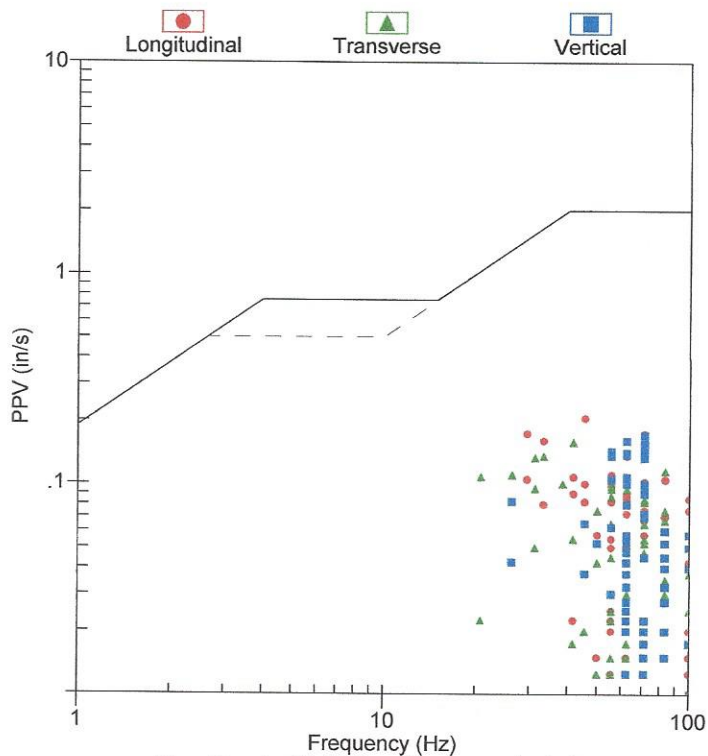
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
 Seismic Scale: +/- 0.320 in/s
 Sound Scale: +/- 0.0045 PSI

USBM Safe Blasting Levels

SN: 11213 Event: 16



Velocity Waveform

SN: 11213 Event: 16

