



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11560 v10.27
Date: 10/15/2019 13:01:46 (UTC-4)
Event No: 16
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)	0.108	0.125	0.058
FREQ (Hz)	26.3	20.8	50.0
PD (.001")	0.65	0.95	0.25
PPA (g)	0.046	0.065	0.052
Peak Vector Sum :	0.138 in/s		
Peak Air Pressure:	124 db		
	0.00463 PSI @ 6.6 Hz		

Additional Info:

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

Shaketable Calibrated: 07/01/2019

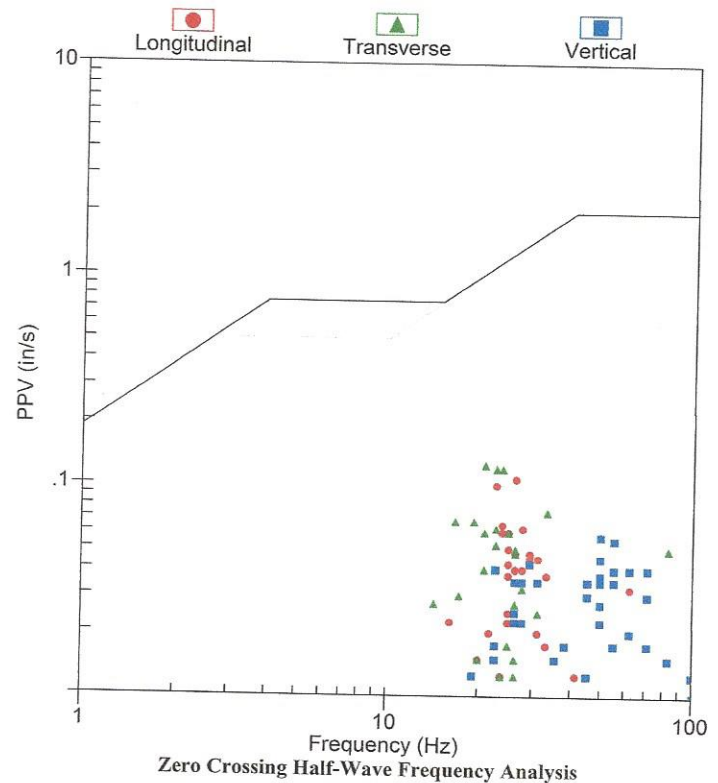
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

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

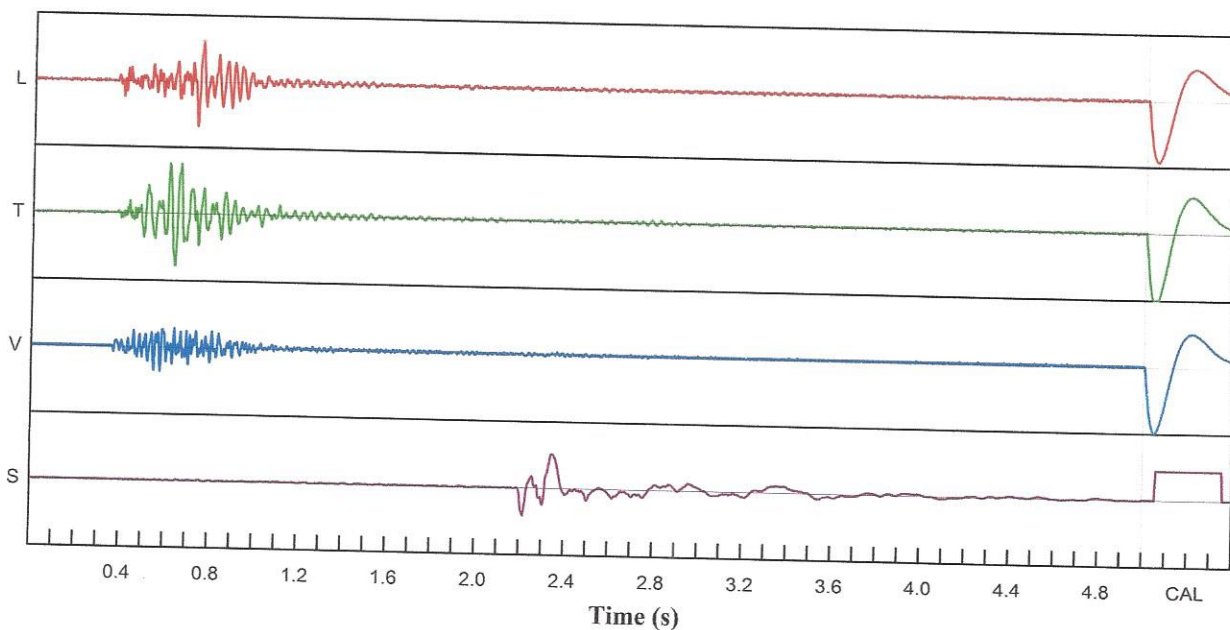
USBM Safe Blasting Levels

SN: 11560 Event: 16



Velocity Waveform

SN: 11560 Event: 16





GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11213 v10.27
 Date: 10/15/2019 13:01:48 (UTC-4)
 Event No: 20
 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)	0.473	0.305	0.533
FREQ (Hz)	45.5	62.5	50.0
PD (.001")	1.49	1.16	1.63
PPA (g)	0.430	0.397	0.436
Peak Vector Sum :	0.540 in/s		
Peak Air Pressure:	119 db		
	0.00267 PSI @ 2.4 Hz		

Additional Info:

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

Shaketable Calibrated: 01/22/2019

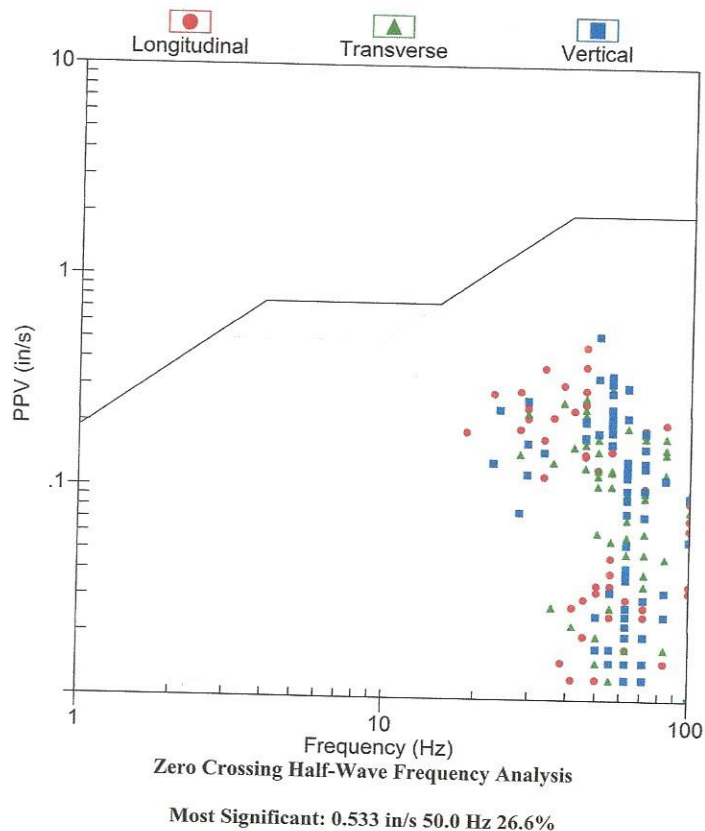
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

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

USBM Safe Blasting Levels

SN: 11213 Event: 20



Velocity Waveform

SN: 11213 Event: 20

