



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11560 v10.27
Date: 08/20/2019 12:56:43 (UTC-4)
Event No: 5
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)	0.140	0.133	0.108
FREQ (Hz)	62.5	21.7	55.6
PD (.001")	0.44	1.02	0.35
PPA (g)	0.130	0.072	0.098
Peak Vector Sum :	0.168 in/s		
Peak Air Pressure:	125 db		
	0.00541 PSI @ 4.1 Hz		

Additional Info:

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

Shaketable Calibrated: 07/01/2019

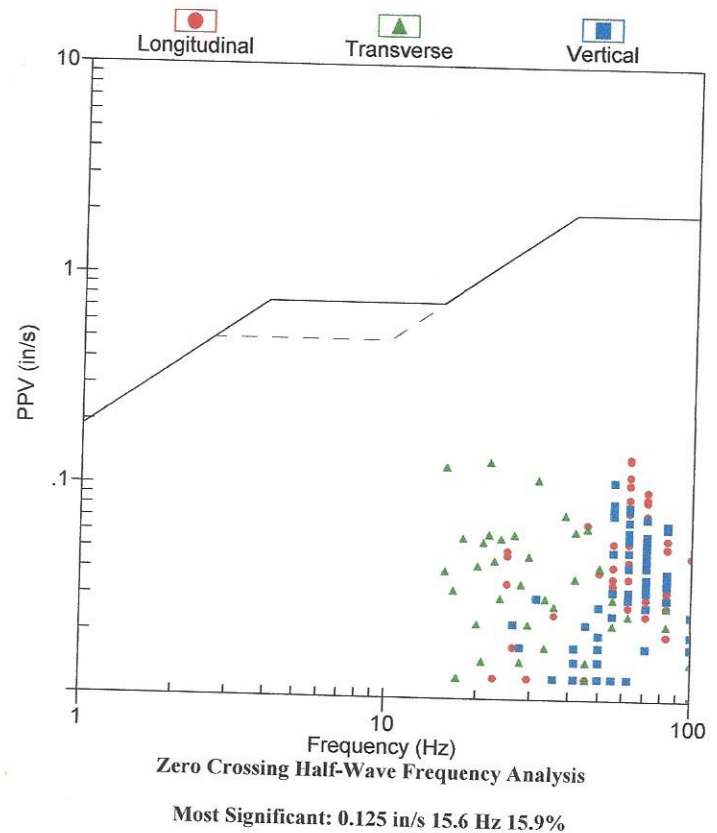
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

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

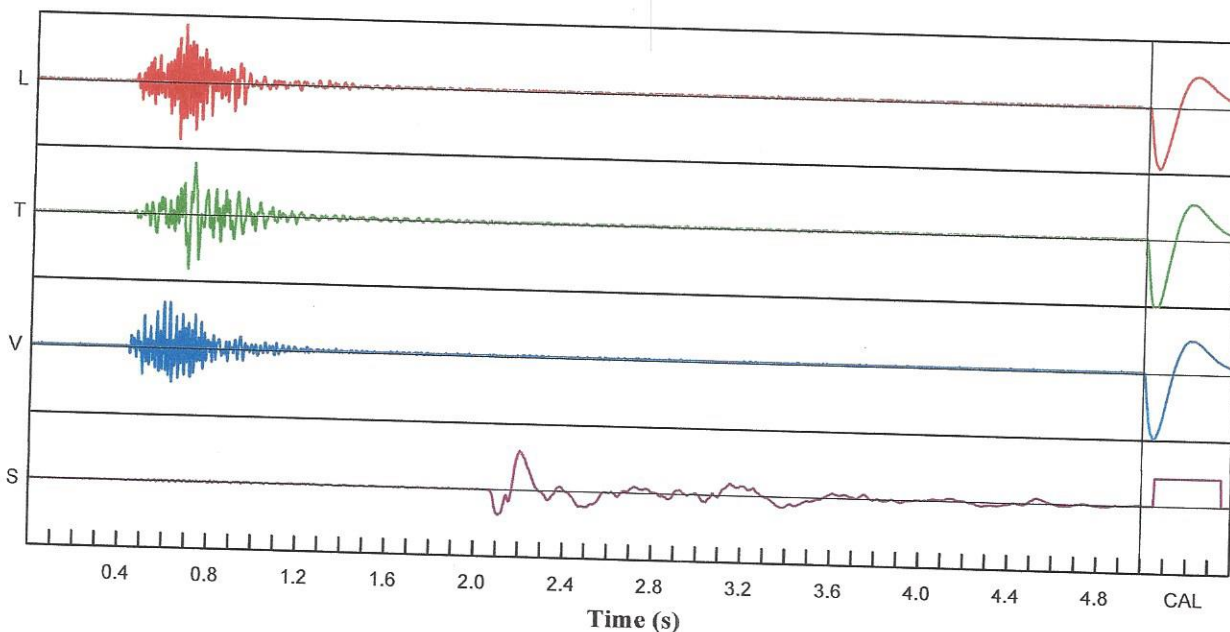
USBM Safe Blasting Levels

SN: 11560 Event: 5



Velocity Waveform

SN: 11560 Event: 5





GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11213 v10.27
Date: 08/20/2019 12:56:42 (UTC-4)
Event No: 13
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)	0.268	0.225	0.288
FREQ (Hz)	41.7	55.6	62.5
PD (.001")	0.90	1.10	0.76
PPA (g)	0.254	0.306	0.280
Peak Vector Sum :	0.303 in/s		
Peak Air Pressure:	119 db		
	0.00278 PSI @ 5.0 Hz		

Additional Info:

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

Shaketable Calibrated: 01/22/2019

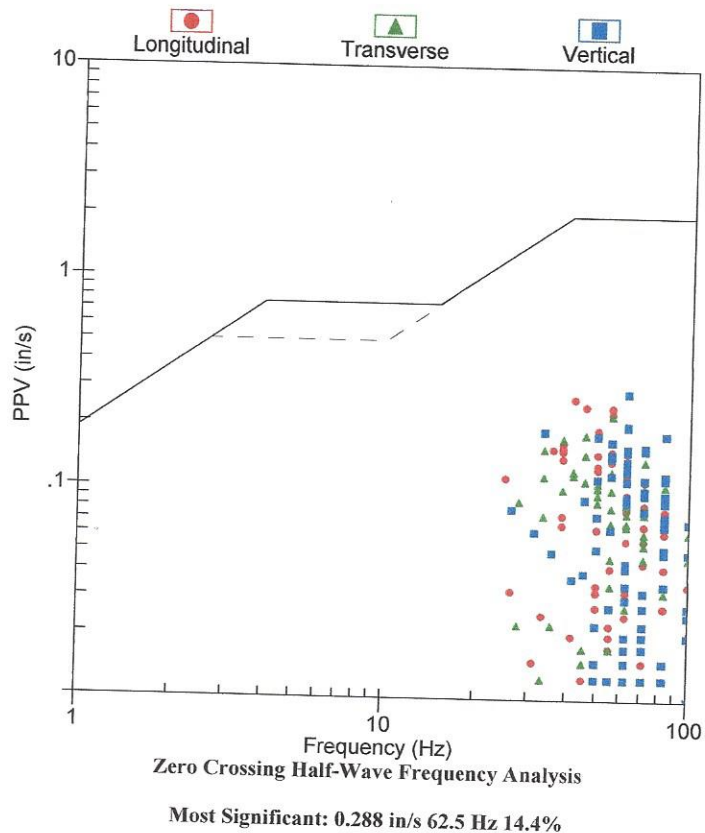
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

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: 13



Velocity Waveform

SN: 11213 Event: 13

