



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11213 v10.27
 Date: 10/23/2019 12:54:25 (UTC-4)
 Event No: 22
 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)	0.303	0.263	0.333
FREQ (Hz)	31.3	38.5	45.5
PD (.001")	1.32	1.38	1.26
PPA (g)	0.319	0.228	0.299
Peak Vector Sum :	0.380 in/s		
Peak Air Pressure:	114 db		
	0.00157 PSI @ 4.9 Hz		

Additional Info:

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

Shaketable Calibrated: 01/22/2019

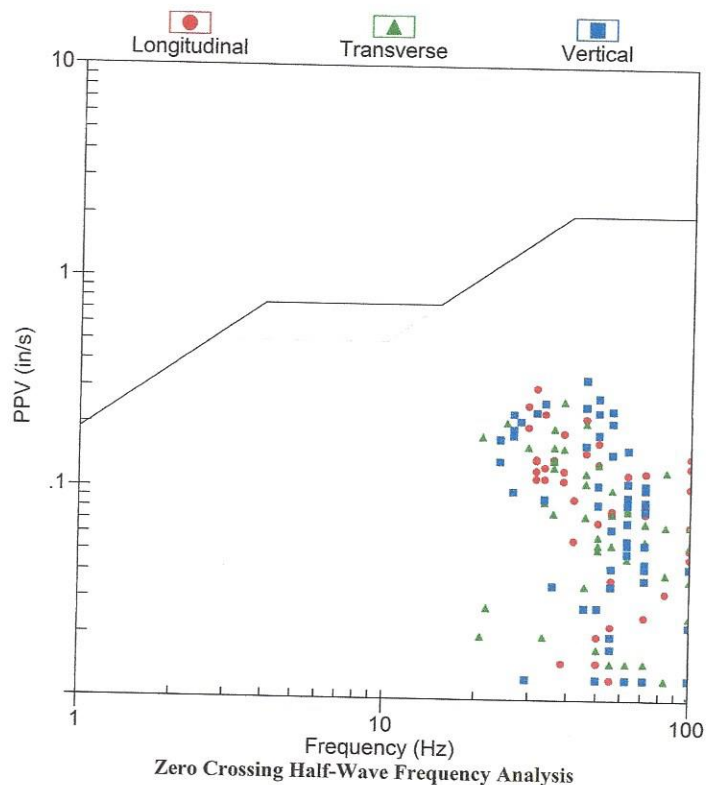
By: GeoSonics Inc.
 359 Northgate Drive
 Warrendale, PA 15086 U.S.A.
 TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
 Seismic Scale: +/- 0.640 in/s
 Sound Scale: +/- 0.0023 PSI

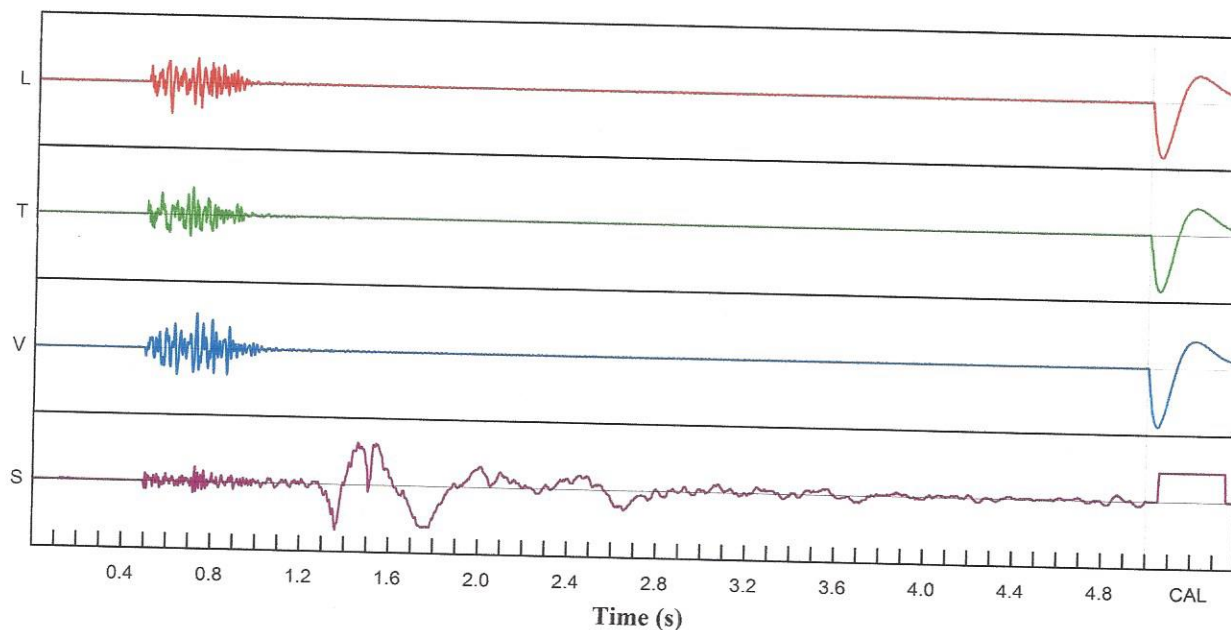
USBM Safe Blasting Levels

SN: 11213 Event: 22



Velocity Waveform

SN: 11213 Event: 22





GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11560 v10.27
Date: 10/23/2019 12:54:28 (UTC-4)
Event No: 33
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)	0.078	0.075	0.035
FREQ (Hz)	22.7	20.0	29.4
PD (.001")	0.56	0.45	0.26
PPA (g)	0.039	0.026	0.033
Peak Vector Sum :	0.088 in/s		
Peak Air Pressure:	120 db		
	0.00331 PSI @ 8.8 Hz		

Additional Info:

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

Shaketable Calibrated: 07/01/2019

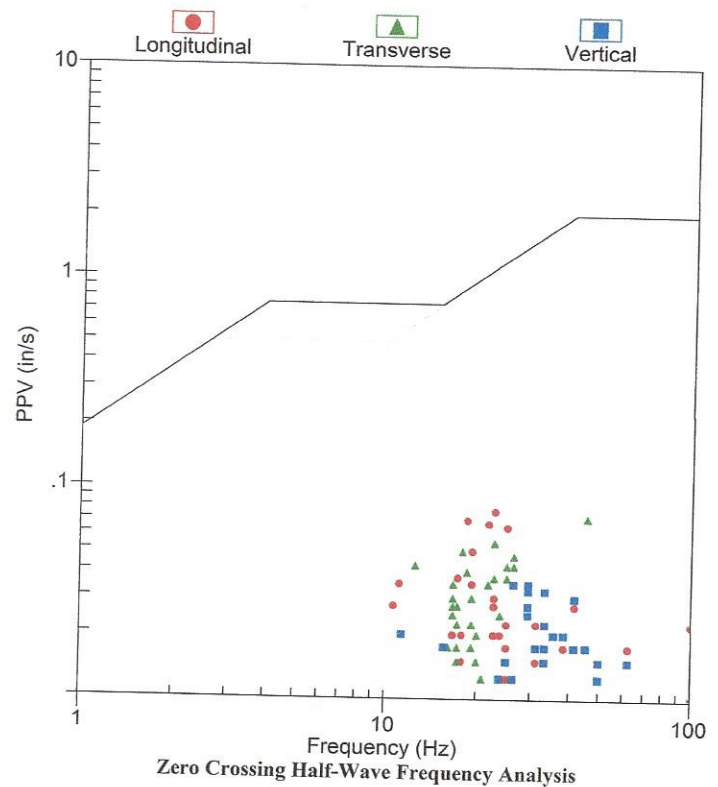
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

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: 33



Velocity Waveform

SN: 11560 Event: 33

