



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11213 v10.27
Date: 11/27/2019 12:49:19 (UTC-5)
Event No: 27
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)	0.238	0.163	0.170
FREQ (Hz)	41.7	29.4	35.7
PD (.001")	0.95	0.65	0.78
PPA (g)	0.273	0.195	0.202
Peak Vector Sum :	0.245 in/s		
Peak Air Pressure:	124 db		
	0.00456 PSI @ 3.3 Hz		

Additional Info:

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

Shaketable Calibrated: 01/22/2019

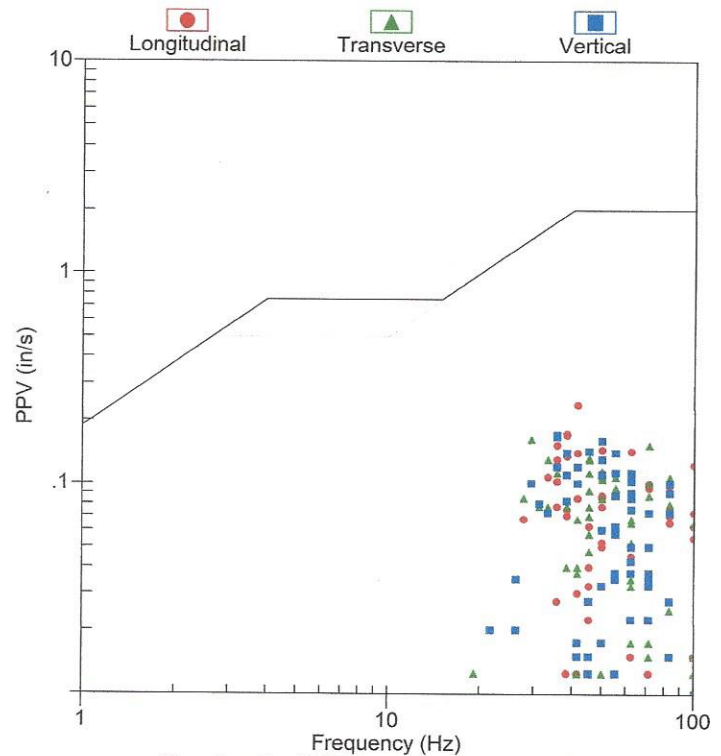
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

Time Scale: 0.100 s
Seismic Scale: +/- 0.320 in/s
Sound Scale: +/- 0.0091 PSI

USBM Safe Blasting Levels

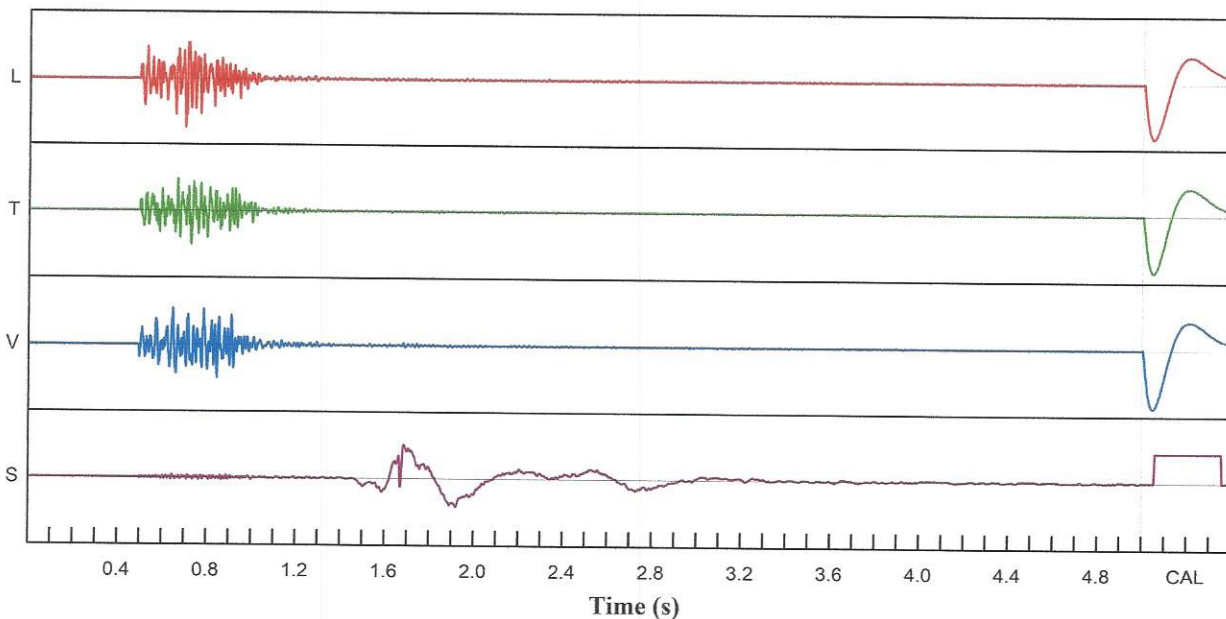
SN: 11213 Event: 27



Most Significant: 0.238 in/s 41.7 Hz 11.9%

Velocity Waveform

SN: 11213 Event: 27





GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11560 v10.27
Date: 11/27/2019 12:49:19 (UTC-5)
Event No: 47
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)	0.065	0.125	0.055
FREQ (Hz)	26.3	21.7	41.7
PD (.001")	0.45	0.85	0.25
PPA (g)	0.059	0.065	0.052
Peak Vector Sum :	0.128 in/s		
Peak Air Pressure:	123 db		
	0.00431 PSI @ 9.6 Hz		

Additional Info:

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

Shaketable Calibrated: 07/01/2019

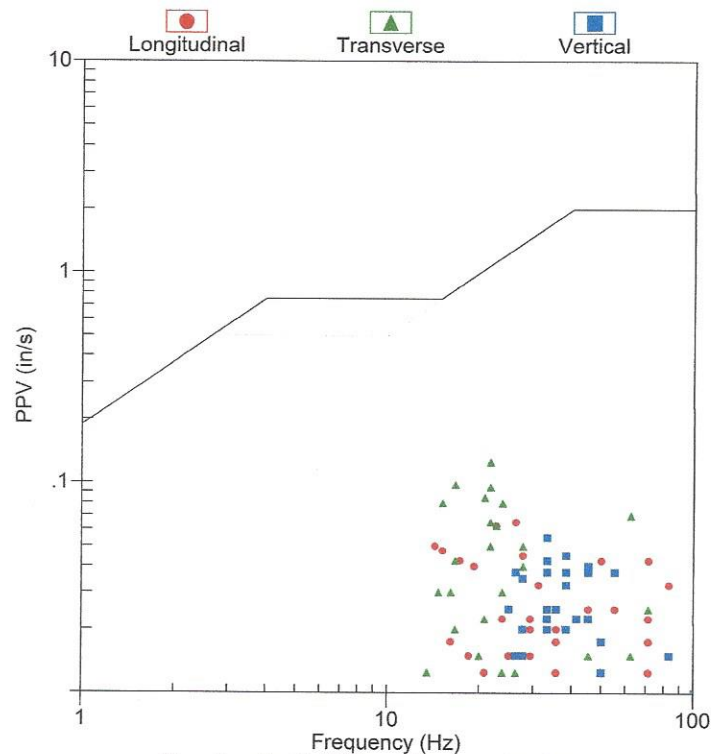
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

Velocity Waveform Graph Scale

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

USBM Safe Blasting Levels

SN: 11560 Event: 47



Most Significant: 0.098 in/s 16.7 Hz 11.6%

Velocity Waveform

SN: 11560 Event: 47

