



GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11212 v10.27
Date: 06/24/2020 13:58:39 (UTC-4)
Event No: 284
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)	0.058	0.080	0.033
FREQ (Hz)	50.0	41.7	38.5
PD (.001")	0.37	0.42	0.15
PPA (g)	0.052	0.059	0.033
Peak Vector Sum :	0.085 in/s		
Peak Air Pressure:	122 db		
	0.00384 PSI @ 3.5 Hz		

Additional Info:

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

Shaketable Calibrated: 06/30/2019

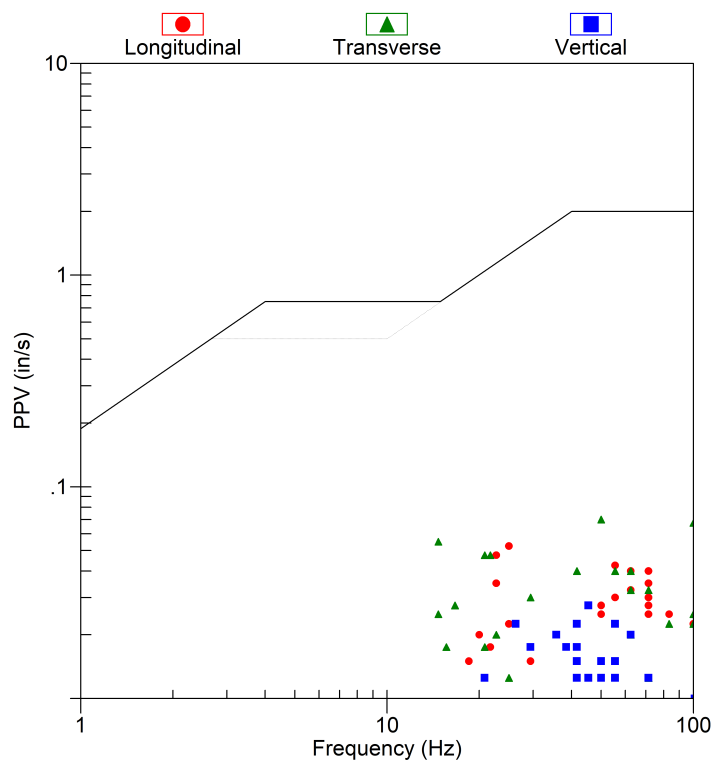
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

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: 11212 Event: 284

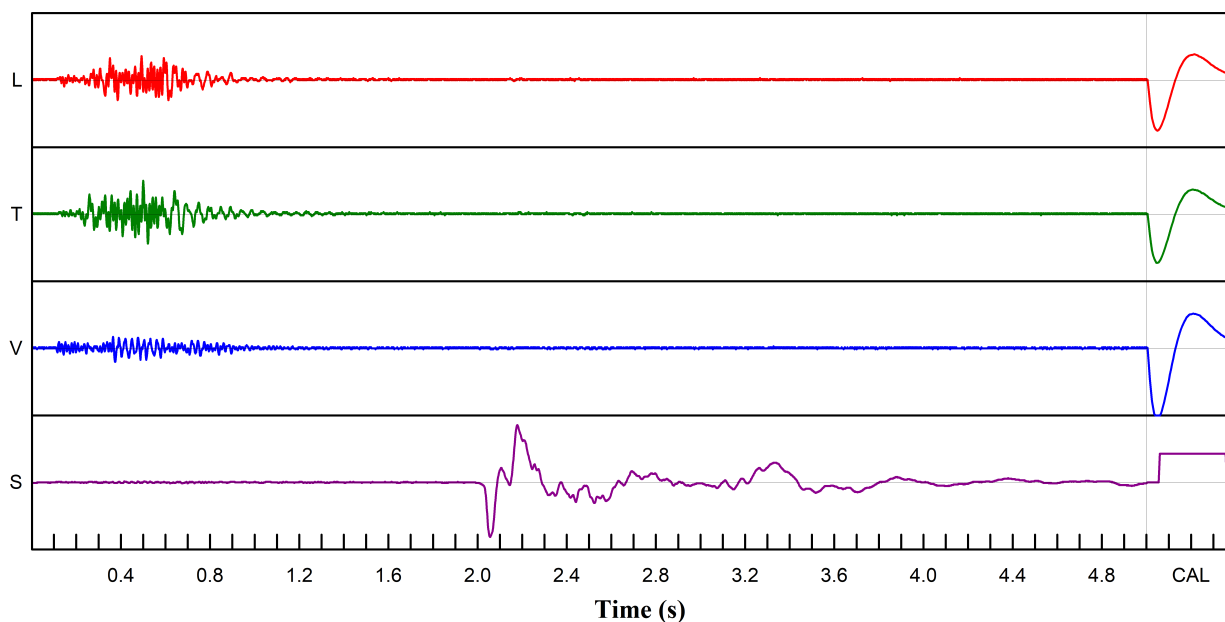


Zero Crossing Half-Wave Frequency Analysis

Most Significant: 0.055 in/s 14.7 Hz 7.4%

Velocity Waveform

SN: 11212 Event: 284





GeoSonics Inc. Seismic Analysis

Velocity Waveform Analysis

Serial No: 11236 v10.27
Date: 06/24/2020 13:58:42 (UTC-4)
Event No: 100
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: 129 db

	Summary Data		
	L	T	V
PPV (in/s)	0.260	0.263	0.235
FREQ (Hz)	50.0	83.3	71.4
PD (.001")	1.21	0.69	0.74
PPA (g)	0.384	0.358	0.273
Peak Vector Sum :	0.328 in/s		
Peak Air Pressure:	117 db		
	0.00224 PSI @ 2.1 Hz		

Additional Info:

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

Shaketable Calibrated: 10/30/2019

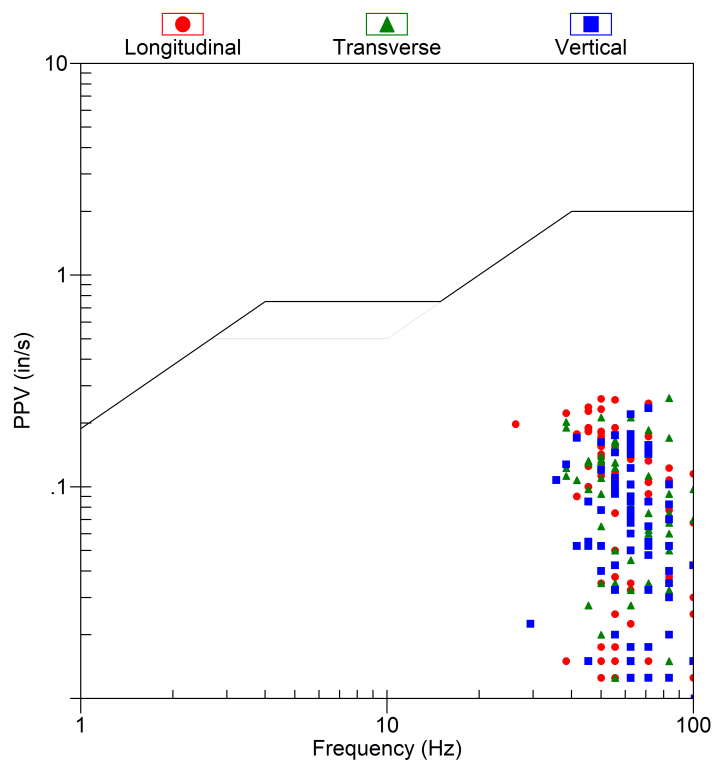
By: GeoSonics Inc.
359 Northgate Drive
Warrendale, PA 15086 U.S.A.
TEL: 724.934.2900 FAX: 724.934.2999

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: 11236 Event: 100



Velocity Waveform

SN: 11236 Event: 100

