

Date of Blast / Time of Blast

Time is from blaster in charge when available. If taken from seismograph the time may vary slightly. Currently, there are no state or local ordinances that require a quarry to post their blasting schedule

Shot No. refers to the Explosives Contractors blast event number at the site.

The location of the initiation hole of the blast using Global Positioning System coordinates.

COMPLIANCE SEISMOGRAPH LOCATION AND RESULTS
White Rock Quarries

Date: 11/01/2016	Time: 3:03 p.m.	* Shot No. 4297	
Blast GPS		N 25 56 53.5 W 080 21 31.2	

Section No. 5 ← Land Section No. for Blast Location

Location	Bearing	Distance	PPV/ Freq.	Decibels/PSI
Riviera Isles SW 54 Ct. South R.O.W. Opp. 15779 SW 54 Ct.	000	3,503 feet	0.225 in. / sec. @ 55.6 Hz	113 dB 0.00134 psi
Lakes on the Green Median of NW 91 st Ct. Opp. 19302 NW 91 st Ct.	089	2,830 feet	0.190 in. / sec. @ 33.3 Hz	106 dB 0.00064 psi

- The time listed on the sheet is generated by the Satellite / Cellular Service of the seismograph system. The Blaster in Charge time on the blast log is considered the official time of the blast.

Location / Address of the compliance seismograph.

For Locations in different directions and when less than 500 feet in distance between both locations, both locations are monitored. This reverts to one instrument when blast to structure distance is outside of 500 feet. Locations for compliance seismographs are set pursuant to Florida Administrative Rule. You can view compliance location requirements by visiting www.flrules.org.

Bearing is the direction in degrees from the instrument to the blast.

North is 000, East 090, South -180, West -270

Distance in feet from the Blast GPS location to the seismograph location.

Decibels/PSI - The air overpressure (airblast) measured in pounds per square inch and then converted to decibels. The scale is linear – Flat weighting – dB(L). PSI is measured directly.

Maximum airblast levels are set pursuant to Florida Administrative Rule. You can view maximum airblast levels by visiting www.flrules.org.

PPV / Freq. – The maximum peak particle velocity measured on any of three channels and the corresponding frequency. The current maximum blasting level is .50 PPV.

S. 552.30, F.S., F.S., directs the Division of State Fire Marshal to establish statewide ground vibration limits which conform to those limits established in the United States Bureau of Mines, Report of Investigations 8507, Appendix B – Alternative Blasting Level Criteria (Figure B-1) You can view the report by visiting US Bureau of Reclamation.