

SAN RAFAEL ROCK QUARRY VIBRATION REPORT

BLAST INFORMATION:

Location: PB. 8 Max. Charge Weight: 500 Date of Blast: 5.5.21
 Northing: 37° 59' 11W Blast Duration: 436ms Time of Blast: 11:30
 Easting: 122° 27' 16W Blast Number: 1719

SEISMOGRAPH INFORMATION:

	UNIT #1	UNIT #2	UNIT #3	UNIT #4	UNIT #5
Seismograph Model	SSU 2000	Micro	Micro	Micro	
Serial Number	2481	4550	4567	4570	
Last Calibration Date	3 24 21	3 25 21	3 25 21	3 25 21	
LOCATION INFORMATION:					
Location	Marina dg	San Marcos dr	Via Montebello	M ^c Near Park	
Northing	37° 59' 19N	37° 59' 31N	37° 59' 18N	37° 59' 30N	
Easting	122° 27' 22W	122° 27' 30W	122° 27' 53W	122° 27' 16W	
Distance from Blast	950	2376	3009	1900	
Scaled Distance	41.	106.	134.	84	

VIBRATION INFORMATION:

Longitudinal Peak Particle Velocity (ips)	.08	.06	/		
Longitudinal Peak Frequency (Hz)	11.9	.9	/		
Transverse Peak Particle Velocity (ips)	.06	.05	/		
Transverse Peak Frequency (Hz)	35.7	10.8	/		
Vertical Peak Particle Velocity (ips)	.06	.04	/		
Vertical Peak Frequency (Hz)	15.1	6.8	/		
Peak Vector Sum (ips)	.10	.08	/		
Peak Air Overpressure (db)	123	106	/		

GENERAL COMMENTS:

Seismograph Operator: Ramon Lopez

Signature: [Signature]

