

Seismic Analysis Stop Event Report

Serial Number:	7229 0C-06.05	Begin Date:	05/04/2018 05:00:49 (UTC -06:00)
Client:	Martin Marietta	End Date:	05/04/2018 22:00:00 (UTC -06:00)
Operation:	Red Canyon Quarry	Events Over Trigger:	0
Location:	Front Entrance	Record Time:	5 s
Operator:	Vibra Tech	Seismic Trigger:	0.02 in/s
Comment:		Sound Trigger:	133 dB
		Battery:	8.5 volts
Additional Info:	j-GEO-16222	Shaketable Calibrated:	
	N38 36 04 W104 56 59	On:	01/24/2018 (UTC -06:00)
		By:	Vibra-Tech, Inc. 2700 Holloway Road - Suite 113 Louisville, KY 40203 U.S.A.

Dynamic Calibration Graph:



**STATE OF
COLORADO****Cazier - DNR, Tim** <tim.cazier@state.co.us>

RE: Blast Report for shot 6/4-2018

1 message

Wayne Stoughton <Wayne.Stoughton@martinmarietta.com>
To: "Cazier - DNR, Tim" <tim.cazier@state.co.us>

Thu, May 17, 2018 at 2:15 PM

Hello Tim,

Here is the front entrance. This was a no trigger. Only the North Hillside. Therefor the blast report only had the one seismograph in it. That was due to the direction of the blasting which was to the Northwest, yet it was closer to Mr. Bishops home as the shot location was on bench 7 at the SE end of the quarry.

I hope that helps you.

Wayne

From: Cazier - DNR, Tim [mailto:tim.cazier@state.co.us]
Sent: Wednesday, May 16, 2018 3:51 PM
To: Wayne Stoughton <Wayne.Stoughton@martinmarietta.com>
Cc: Jessica Heaberlin-Mangone <Jessica.Heaberlin-Mangone@martinmarietta.com>
Subject: Re: Blast Report for shot 6/4-2018

EXTERNAL MAIL

Wayne,

Do you have the seismic analysis sheet for the front entrance location? Typically recorded with the serial no. 7229 seismograph. This last shot appeared to have more punch than most of your recent shots.

Tim Cazier, P.E.

Environmental Protection Specialist

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On Mon, May 7, 2018 at 12:00 PM, Wayne Stoughton <Wayne.Stoughton@martinmarietta.com> wrote:

Hello Tim,

Here is the blast report for shot 6 at RCQ that was put off last Friday. I also included Jessica, our office manager a copy for her files. Saves me from sending out two emails.

Thanks,

Wayne Stoughton

Manager, Red Canyon Quarry| Rocky Mountain Agg District

Martin Marietta

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