Serial No: 12162 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

 Begin Date:
 02/09/2023 07:01:00 (UTC-8)

 End Date:
 02/09/2023 19:00:00 (UTC-8)

Events over Trigger:0 (22-21)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/07/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Additional Info:

j-GEO-34724 N37 59.524, W122 27.373

**Dynamic Calibration Graph:** 

L T V S

**Cal Test Results:** 

Longitudinal: Pass
Transverse: Pass
Vertical: Pass
Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12162)</u> did not trigger during the shot on <u>February 9, 2023 at approximately 11:30</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: February 10, 2023 File: 242\_12162\_2023-02-09\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 02/09/2023 07:00:53 (UTC-8)

 End Date:
 02/09/2023 20:00:00 (UTC-8)

Events over Trigger:0 (19-18)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on February 9, 2023 at approximately 11:30 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: February 10, 2023 File: 242\_12270\_2023-02-09\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12162 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.

Distance:
Operator: Vibra-Tech Engineers
Comment: William Hosken Res

 Begin Date:
 03/07/2023 07:00:52 (UTC-8)

 End Date:
 03/07/2023 19:00:00 (UTC-8)

Events over Trigger:0 (26-25)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.4

Shaketable Calibrated: 11/07/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Additional Info:

j-GEO-34724 N37 59.524, W122 27.373

**Dynamic Calibration Graph:** 

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12162)</u> did not trigger during the shot on <u>March 7, 2023 at approximately 12:00</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: March 08, 2023 File: 242\_12162\_2023-03-07\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

 Begin Date:
 03/07/2023 07:00:51 (UTC-8)

 End Date:
 03/07/2023 20:00:00 (UTC-8)

Events over Trigger:0 (21-20)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Additional Info:

j-GEO-01253 N37 59.481, W122 27.256

**Dynamic Calibration Graph:** 

. T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on March 7, 2023 at approximately 12:00 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: March 08, 2023 File: 242\_12270\_2023-03-07\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12162 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

N37 59.524, W122 27.373

**Begin Date:** 04/03/2023 07:00:53 (UTC-7) **End Date:** 04/03/2023 13:16:19 (UTC-7)

Events over Trigger:0 (61-60)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/07/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

**Dynamic Calibration Graph:** 

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12162)</u> did not trigger during the shot on <u>April 3, 2023 at approximately 12:11</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: April 03, 2023 File: 242\_12162\_2023-04-03\_131619.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

**Begin Date:** 04/03/2023 07:00:52 (UTC-7) **End Date:** 04/03/2023 13:16:25 (UTC-7)

Events over Trigger:0 (51-50)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

**Dynamic Calibration Graph:** 

Vibra-Tech IP2

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on April 3, 2023 at approximately 12:11 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: April 03, 2023 File: 242\_12270\_2023-04-03\_131625.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Begin Date:** 04/26/2023 07:00:52 (UTC-7) **End Date:** 04/26/2023 12:02:25 (UTC-7)

Events over Trigger:0 (51-50)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Additional Info:

j-GEO-01253 N37 59.481, W122 27.256

**Dynamic Calibration Graph:** 

L T V S

**Cal Test Results:** 

Longitudinal: Pass
Transverse: Pass
Vertical: Pass
Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on April 26, 2023 at approximately 11:33 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

 Begin Date:
 05/23/2023 07:00:55 (UTC-7)

 End Date:
 05/23/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

j-GEO-34724 N37 59.524, W122 27.373

Dynamic Calibration Graph:

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>May 23, 2023 at approximately 11:30</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: May 24, 2023 File: 242\_12047\_2023-05-23\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 05/23/2023 07:00:53 (UTC-7)

 End Date:
 05/23/2023 20:00:00 (UTC-7)

Events over Trigger:0 (51-50)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.5

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on May 23, 2023 at approximately 11:30 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: May 24, 2023 File: 242\_12270\_2023-05-23\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

 Begin Date:
 06/01/2023 07:00:54 (UTC-7)

 End Date:
 06/01/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Additional Info:

j-GEO-34724 N37 59.524, W122 27.373

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>June 1, 2023 at approximately 11:30</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

**Begin Date:** 06/01/2023 07:00:52 (UTC-7) **End Date:** 06/01/2023 20:00:00 (UTC-7)

Events over Trigger:0 (51-50)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:



**Cal Test Results:** 

Longitudinal: Pass
Transverse: Pass
Vertical: Pass
Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on June 1, 2023 at approximately 11:30 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: June 02, 2023 File: 242\_12270\_2023-06-01\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

 Begin Date:
 06/20/2023 07:00:54 (UTC-7)

 End Date:
 06/20/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

j-GEO-34724 N37 59.524, W122 27.373

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>June 20, 2023 at approximately 11:30</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

**Begin Date:** 06/20/2023 07:00:51 (UTC-7) **End Date:** 06/20/2023 20:00:00 (UTC-7)

Events over Trigger:0 (51-50)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.5

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on June 20, 2023 at approximately 11:30 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: June 21, 2023 File: 242\_12270\_2023-06-20\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

N37 59.524, W122 27.373

 Begin Date:
 06/27/2023 07:00:53 (UTC-7)

 End Date:
 06/27/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

**Dynamic Calibration Graph:** 

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>June 27, 2023 at approximately 11:45</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: June 28, 2023 File: 242\_12047\_2023-06-27\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment: **Begin Date:** 06/27/2023 07:00:52 (UTC-7) **End Date:** 06/27/2023 20:00:00 (UTC-7)

Events over Trigger:0 (51-50)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Additional Info:

j-GEO-01253 N37 59.481, W122 27.256

**Dynamic Calibration Graph:** 

T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on June 27, 2023 at approximately 11:45 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Begin Date:** 07/13/2023 07:00:54 (UTC-7) **End Date:** 07/13/2023 12:54:27 (UTC-7)

 Events over Trigger:
 0 (2-1)

 Record Time:
 5.0 s

 Seismic Trigger:
 0.030 in/s

 Sound Trigger:
 127 db

 Battery Level:
 8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Additional Info:

j-GEO-34724 N37 59.524, W122 27.373

Dynamic Calibration Graph:

T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at 16 Marin Bay Park Court (S/N 12047) did not trigger during the shot on July 13, 2023 at approximately 11:40 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: July 13, 2023 File: 242\_12047\_2023-07-13\_125427.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 07/13/2023 07:00:52 (UTC-7)

 End Date:
 07/13/2023 13:16:26 (UTC-7)

Events over Trigger: 0 (52-51) Record Time: 5.0 s Seismic Trigger: 0.030 in/s Sound Trigger: 127 db Battery Level: 8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:



**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on July 13, 2023 at approximately 11:40 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: July 13, 2023 File: 242\_12270\_2023-07-13\_131626.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

**Begin Date:** 07/24/2023 07:00:54 (UTC-7) **End Date:** 07/24/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

N37 59.524, W122 27.373

**Dynamic Calibration Graph:** 

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>July 24, 2023 at approximately 11:55</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: July 25, 2023 File: 242\_12047\_2023-07-24\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 07/24/2023 07:00:52 (UTC-7)

 End Date:
 07/24/2023 20:00:00 (UTC-7)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on July 24, 2023 at approximately 11:55 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: July 25, 2023 File: 242\_12270\_2023-07-24\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

 Begin Date:
 07/28/2023 07:00:53 (UTC-7)

 End Date:
 07/28/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

N37 59.524, W122 27.373

**Dynamic Calibration Graph:** 



**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at 16 Marin Bay Park Court (S/N 12047) did not trigger during the shot on July 28, 2023 at approximately 11:48 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: November 01, 2023 File: 242\_12047\_2023-07-28\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 07/28/2023 07:00:52 (UTC-7)

 End Date:
 07/28/2023 20:00:00 (UTC-7)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on July 28, 2023, at approximately 11:48 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: November 01, 2023 File: 242\_12270\_2023-07-28\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

N37 59.524, W122 27.373

 Begin Date:
 08/09/2023 07:00:54 (UTC-7)

 End Date:
 08/09/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.6

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

**Dynamic Calibration Graph:** 

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>August 9, 2023 at approximately 11:38</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: November 01, 2023 File: 242\_12047\_2023-08-09\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 08/09/2023 07:00:52 (UTC-7)

 End Date:
 08/09/2023 20:00:00 (UTC-7)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on August 9, 2023 at approximately 11:38 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: November 01, 2023 File: 242\_12270\_2023-08-09\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

N37 59.524, W122 27.373

 Begin Date:
 08/10/2023 07:00:54 (UTC-7)

 End Date:
 08/10/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>August 10, 2023 at approximately 11:30</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: August 11, 2023 File: 242\_12047\_2023-08-10\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:
Operator: Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 08/10/2023 07:00:52 (UTC-7)

 End Date:
 08/10/2023 20:00:00 (UTC-7)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:



**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on August 10, 2023 at approximately 11:30 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: August 11, 2023 File: 242\_12270\_2023-08-10\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

N37 59.524, W122 27.373

 Begin Date:
 08/18/2023 07:00:54 (UTC-7)

 End Date:
 08/18/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

**Dynamic Calibration Graph:** 



**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>August 18, 2023 at approximately 11:30</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: November 01, 2023 File: 242\_12047\_2023-08-18\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 08/18/2023 07:00:51 (UTC-7)

 End Date:
 08/18/2023 20:00:00 (UTC-7)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on August 18, 2023 at approximately 11:30 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: November 01, 2023 File: 242\_12270\_2023-08-18\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

N37 59.524, W122 27.373

 Begin Date:
 08/23/2023 07:00:53 (UTC-7)

 End Date:
 08/23/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>August 23, 2023 at approximately 11:30</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: August 24, 2023 File: 242\_12047\_2023-08-23\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

 Begin Date:
 08/23/2023 07:00:53 (UTC-7)

 End Date:
 08/23/2023 20:00:00 (UTC-7)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

j-GEO-01253 N37 59.481, W122 27.256

Dynamic Calibration Graph:

T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on August 23, 2023 at approximately 11:30 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: August 24, 2023 File: 242\_12270\_2023-08-23\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

N37 59.524, W122 27.373

**Begin Date:** 08/31/2023 07:00:54 (UTC-7) **End Date:** 08/31/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>August 31, 2023 at approximately 11:31</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: November 01, 2023 File: 242\_12047\_2023-08-31\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 08/31/2023 07:00:53 (UTC-7)

 End Date:
 08/31/2023 20:00:00 (UTC-7)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.6

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on August 31, 2023 at approximately 11:31 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: November 01, 2023 File: 242\_12270\_2023-08-31\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

 Begin Date:
 09/05/2023 07:00:54 (UTC-7)

 End Date:
 09/05/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Additional Info:

j-GEO-34724 N37 59.524, W122 27.373

**Dynamic Calibration Graph:** 

T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at 16 Marin Bay Park Court (S/N 12047) did not trigger during the shot on September 5, 2023 at approximately 11:30 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: September 06, 2023 File: 242\_12047\_2023-09-05\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

 Begin Date:
 09/05/2023 07:00:52 (UTC-7)

 End Date:
 09/05/2023 20:00:00 (UTC-7)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Additional Info:

j-GEO-01253 N37 59.481, W122 27.256

**Dynamic Calibration Graph:** 

T V S

**Cal Test Results:** 

Longitudinal: Pass
Transverse: Pass
Vertical: Pass
Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on September 5, 2023 at approximately 11:30 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: September 06, 2023 File: 242\_12270\_2023-09-05\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Begin Date:** 09/11/2023 07:00:54 (UTC-7) **End Date:** 09/11/2023 12:25:43 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.6

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

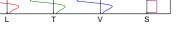
2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Additional Info:

j-GEO-34724 N37 59.524, W122 27.373

**Dynamic Calibration Graph:** 



**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at 16 Marin Bay Park Court (S/N 12047) did not trigger during the shot on September 11, 2023 at approximately 11:30 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: September 11, 2023 File: 242\_12047\_2023-09-11\_122543.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

**Begin Date:** 09/11/2023 07:00:53 (UTC-7) **End Date:** 09/11/2023 13:16:26 (UTC-7)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

j-GEO-01253 N37 59.481, W122 27.256

**Dynamic Calibration Graph:** 

L T V S

Cal Test Results:

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on September 11, 2023 at approximately 11:30 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: September 11, 2023 File: 242\_12270\_2023-09-11\_131626.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.

Distance:
Operator: Vibra-Tech Engineers
Comment: William Hosken Res

 Begin Date:
 09/15/2023 07:00:54 (UTC-7)

 End Date:
 09/15/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

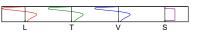
2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Additional Info:

j-GEO-34724 N37 59.524, W122 27.373

Dynamic Calibration Graph:



**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at 16 Marin Bay Park Court (S/N 12047) did not trigger during the shot on September 15, 2023 at approximately 12:00 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: September 18, 2023 File: 242\_12047\_2023-09-15\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Operator: Comment:

**Additional Info:** 

j-GEO-01253

 Begin Date:
 09/15/2023 07:00:52 (UTC-7)

 End Date:
 09/15/2023 20:00:00 (UTC-7)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

N37 59.481, W122 27.256

**Dynamic Calibration Graph:** 

Vibra-Tech IP2



**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on September 15, 2023 at approximately 12:00 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: September 18, 2023 File: 242\_12270\_2023-09-15\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

 Begin Date:
 09/25/2023 07:00:54 (UTC-7)

 End Date:
 09/25/2023 19:00:00 (UTC-7)

 Events over Trigger
 0 (2.1)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

j-GEO-34724

**Additional Info:** 

N37 59.524, W122 27.373

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass
Transverse: Pass
Vertical: Pass
Sound: Pass

The seismograph located at 16 Marin Bay Park Court (S/N 12047) did not trigger during the shot on September 25, 2023 at approximately 11:38 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: November 01, 2023 File: 242\_12047\_2023-09-25\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 09/25/2023 07:00:52 (UTC-7)

 End Date:
 09/25/2023 20:00:00 (UTC-7)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on September 25, 2023 at approximately 11:38 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: November 01, 2023 File: 242\_12270\_2023-09-25\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

N37 59.524, W122 27.373

 Begin Date:
 10/02/2023 07:00:55 (UTC-7)

 End Date:
 10/02/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>October 2, 2023 at approximately 11:30</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: October 03, 2023 File: 242\_12047\_2023-10-02\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 10/02/2023 07:00:52 (UTC-7)

 End Date:
 10/02/2023 20:00:00 (UTC-7)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

Cal Test Results:

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on October 2, 2023 at approximately 11:30 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: October 03, 2023 File: 242\_12270\_2023-10-02\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

N37 59.524, W122 27.373

**Begin Date:** 10/04/2023 07:00:54 (UTC-7) **End Date:** 10/04/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>October 4, 2023 at approximately 11:35</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: October 05, 2023 File: 242\_12047\_2023-10-04\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 10/04/2023 07:00:53 (UTC-7)

 End Date:
 10/04/2023 20:00:00 (UTC-7)

Events over Trigger: 0 (52-51)
Record Time: 5.0 s
Seismic Trigger: 0.030 in/s
Sound Trigger: 127 db
Battery Level: 8.6

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on October 4, 2023 at approximately 11:35 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

N37 59.524, W122 27.373

 Begin Date:
 10/13/2023 07:00:54 (UTC-7)

 End Date:
 10/13/2023 19:00:00 (UTC-7)

 Events over Trigger:
 0 (2-1)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.5

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>October 13, 2023 at approximately 11:48</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: November 01, 2023 File: 242\_12047\_2023-10-13\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 10/13/2023 07:00:52 (UTC-7)

 End Date:
 10/13/2023 20:00:00 (UTC-7)

Events over Trigger: 0 (52-51)
Record Time: 5.0 s
Seismic Trigger: 0.030 in/s
Sound Trigger: 127 db
Battery Level: 8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass
Transverse: Pass
Vertical: Pass
Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on October 13, 2023 at approximately 11:48 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Printed: November 01, 2023 File: 242\_12270\_2023-10-13\_200000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

N37 59.524, W122 27.373

 Begin Date:
 10/19/2023 07:00:53 (UTC-7)

 End Date:
 10/19/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

Dynamic Calibration Graph:

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>October 19, 2023 at approximately 12:00</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 10/19/2023 07:00:52 (UTC-7)

 End Date:
 10/19/2023 20:00:00 (UTC-7)

 End Date:
 0/52.51)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

**Dynamic Calibration Graph:** 

L T V S

**Cal Test Results:** 

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on October 19, 2023 at approximately 12:00 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.

Serial No: 12047 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: 16 Marin Bay Park Ct.
Distance:

Operator: Vibra-Tech Engineers
Comment: William Hosken Res

**Additional Info:** 

j-GEO-34724

N37 59.524, W122 27.373

 Begin Date:
 10/25/2023 07:00:53 (UTC-7)

 End Date:
 10/25/2023 19:00:00 (UTC-7)

Events over Trigger:0 (2-1)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 03/09/2023

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

**Dynamic Calibration Graph:** 

L T V S

Cal Test Results:

Longitudinal: Pass Transverse: Pass Vertical: Pass Sound: Pass

The seismograph located at <u>16 Marin Bay Park Court (S/N 12047)</u> did not trigger during the shot on <u>October 25, 2023 at approximately 11:40</u> indicating the ground vibrations produced were below the ground trigger level of <u>0.030</u> in/sec.

Printed: October 26, 2023 File: 242\_12047\_2023-10-25\_190000.g3k (GeoSonics Inc. AnalysisNET v8.1.57)

Serial No: 12270 v10.29
Client: County of Marin
Operation: San Rafael Rock Quarry
Location: On Quarry Property
Distance:

Vibra-Tech IP2

Operator: Comment:

**Additional Info:** 

j-GEO-01253

N37 59.481, W122 27.256

 Begin Date:
 10/25/2023 07:00:52 (UTC-7)

 End Date:
 10/25/2023 20:00:00 (UTC-7)

Events over Trigger:0 (52-51)Record Time:5.0 sSeismic Trigger:0.030 in/sSound Trigger:127 dbBattery Level:8.7

Shaketable Calibrated: 11/08/2022

By: Vibra-Tech, Inc.

2700 Holloway Road - Suite 113 Louisville, KY 40299 U.S.A.

TEL: 502.240.9900 FAX: 502.240.9902

**Dynamic Calibration Graph:** 

L T V S

**Cal Test Results:** 

Longitudinal: Pass
Transverse: Pass
Vertical: Pass
Sound: Pass

The seismograph on Quarry Property (S/N 12270) did not trigger during the shot on October 25, 2023 at approximately 11:40 indicating the ground vibrations produced were below the ground trigger level of 0.030 in/sec.