

SN: 3802 v3.22  
 Date: 05/11/2020 Time: 06:01:00  
 Event: 5  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #5 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: SE CORNER UNIT

Continuous Monitor Recording  
Summary Data

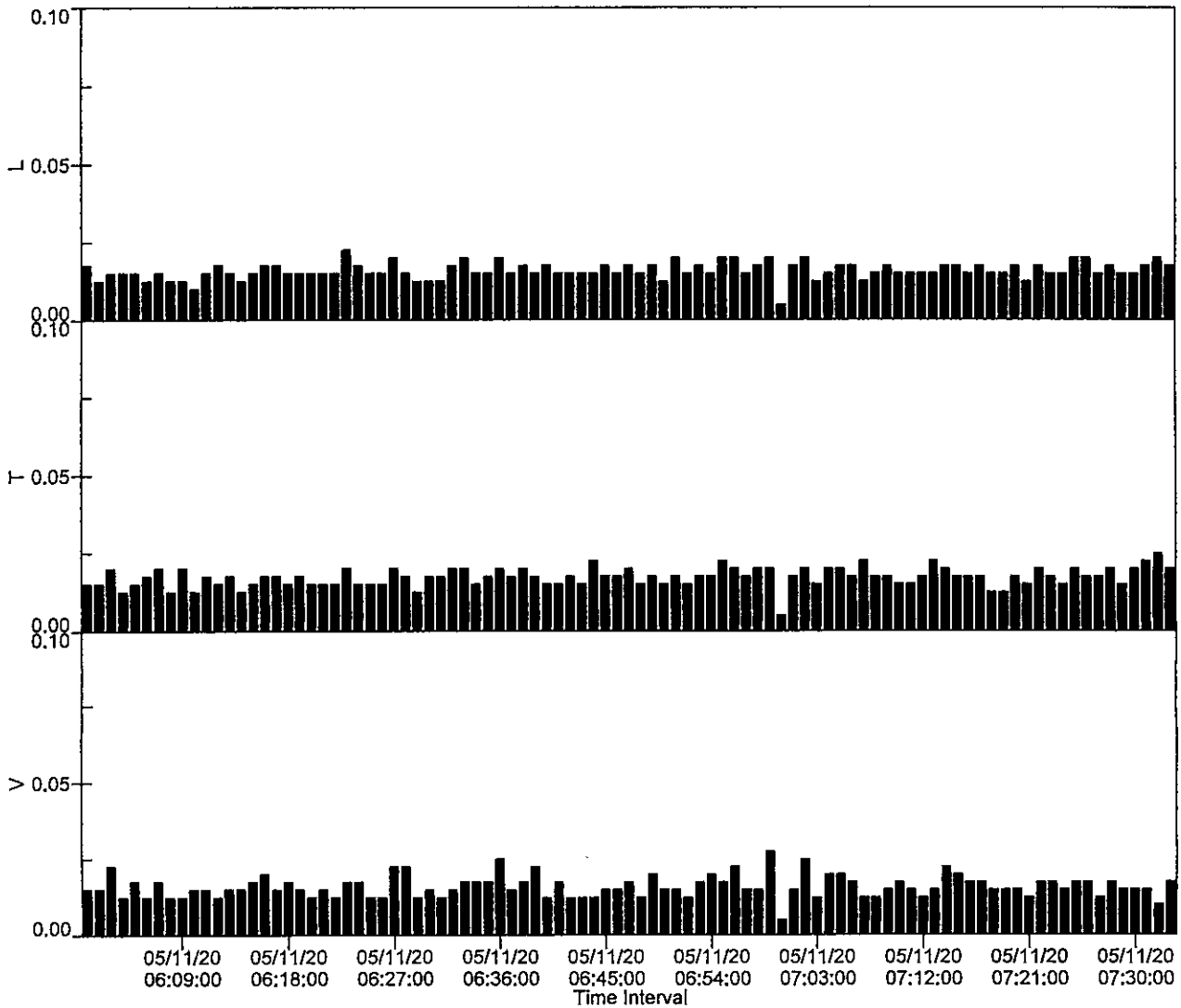
	L	T	V
PPV (in/s)	0.023	0.025	0.028
FREQ (Hz)	166.7	166.7	250.0
Peak Air Pressure:	101 db		
Recording Time:	93 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 5

Record Max PPV: 0.028 in/s Record Max DB: 101 db



**SN:** 3802 v3.22  
**Date:** 05/11/2020 **Time:** 07:38:00  
**Event:** 6  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #5 WSNP  
**Distance:** 25.  
**Operator:** CTI INC  
**Comment:** SE CORNER UNIT

**Continuous Monitor Recording  
Summary Data**

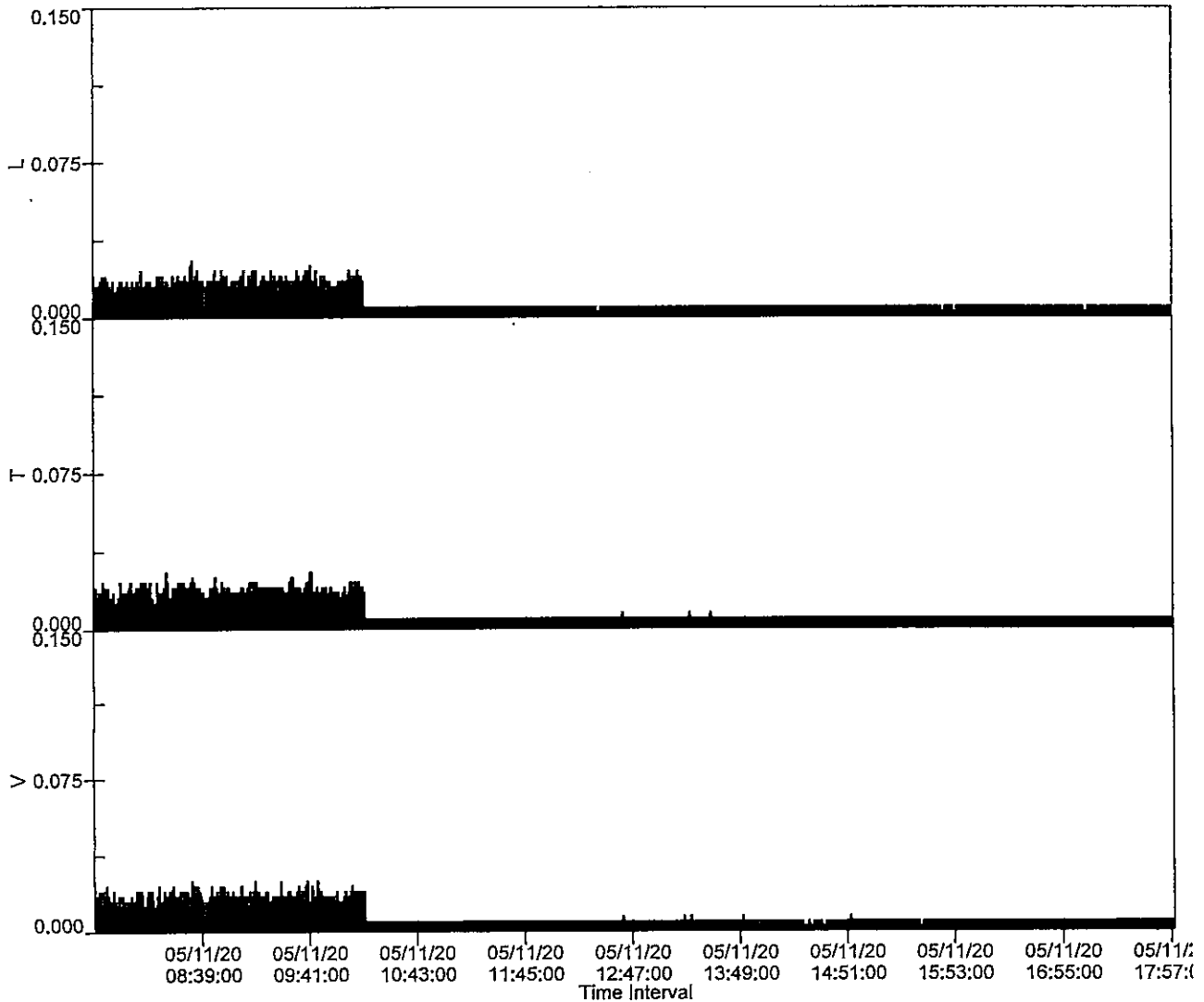
	L	T	V
PPV (in/s)	0.028	0.028	0.025
FREQ (Hz)	250.0	500.0	500.0
Peak Air Pressure:	103 db		
Recording Time:	621 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 6

Record Max PPV: 0.028 in/s Record Max DB: 103 db



SN: 3802 v3.22  
 Date: 05/12/2020 Time: 06:01:00  
 Event: 7  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #5 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: SE CORNER UNIT

Continuous Monitor Recording  
Summary Data

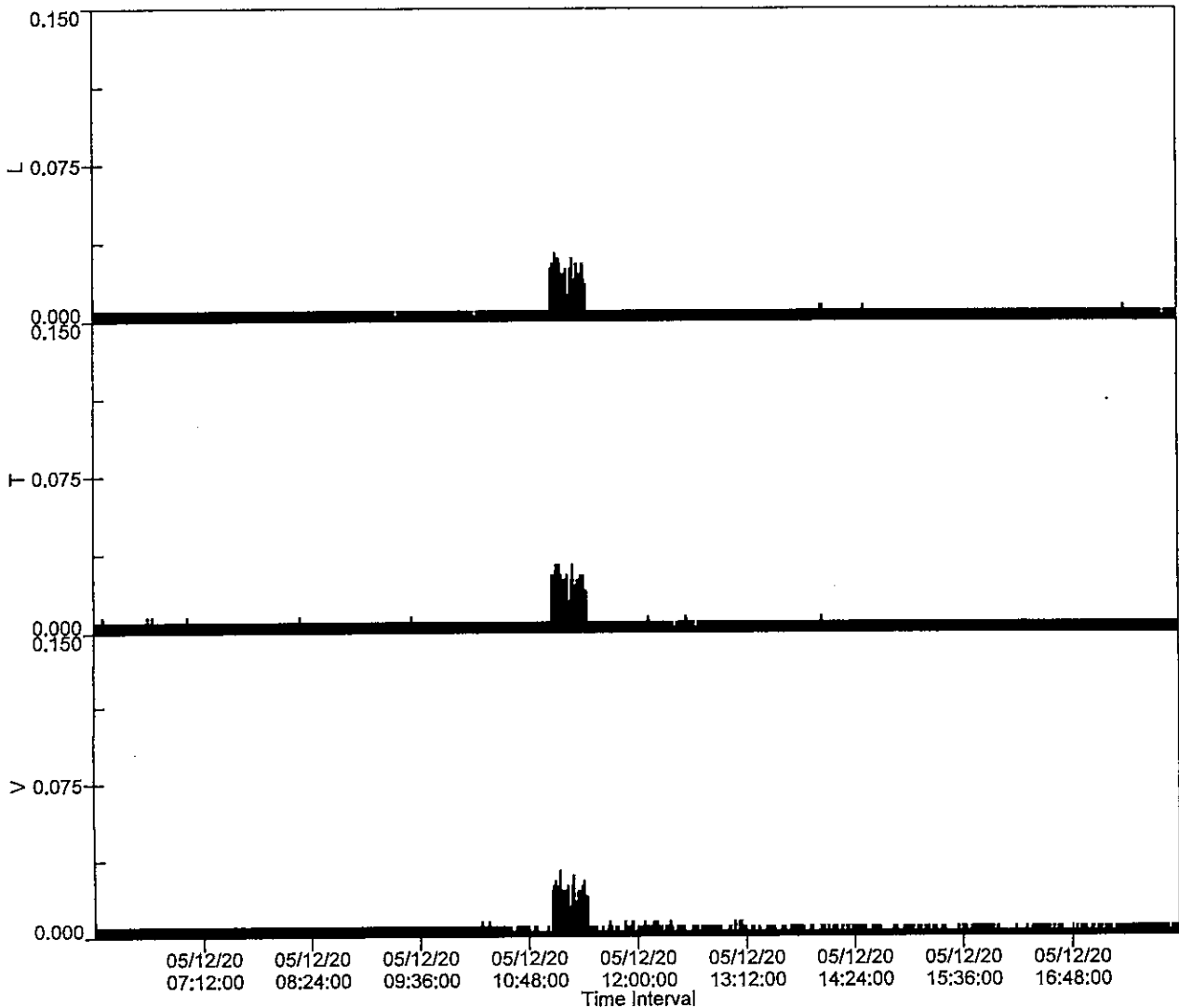
	L	T	V
PPV (in/s)	0.033	0.033	0.033
FREQ (Hz)	500.0	500.0	500.0
Peak Air Pressure:	110 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 7

Record Max PPV: 0.033 in/s Record Max DB: 110 db



SN: 3802 v3.22  
 Date: 05/13/2020 Time: 06:01:00  
 Event: 8  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #5 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: SE CORNER UNIT

Continuous Monitor Recording  
Summary Data

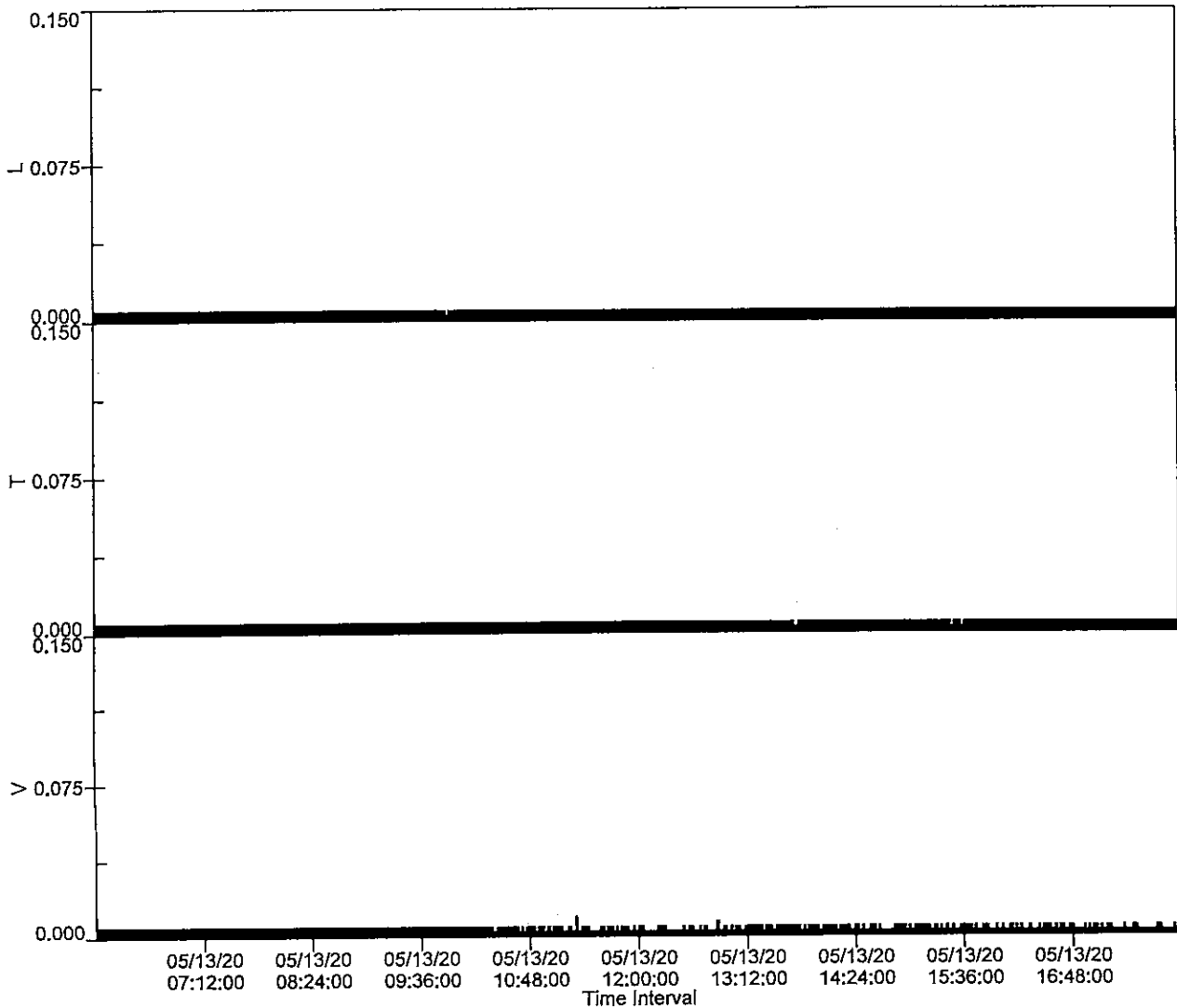
	L	T	V
PPV (in/s)	0.008	0.010	0.010
FREQ (Hz)	.4	3.4	.3
Peak Air Pressure:	82 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 8

Record Max PPV: 0.010 in/s Record Max DB: 82 db



SN: 3802 v3.22  
 Date: 05/14/2020 Time: 06:01:00  
 Event: 9  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #5 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: SE CORNER UNIT

Continuous Monitor Recording  
Summary Data

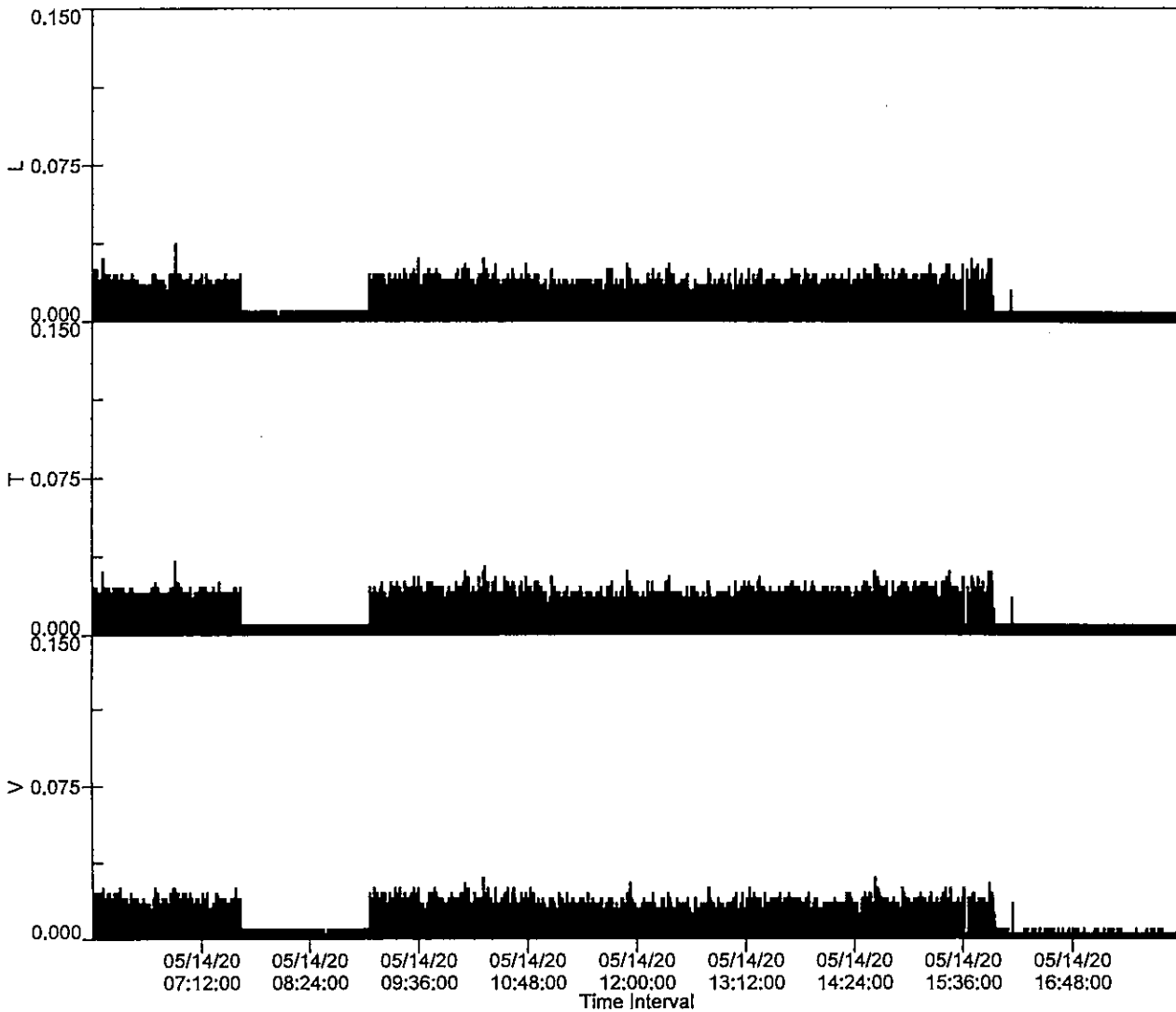
	L	T	V
PPV (in/s)	0.038	0.035	0.030
FREQ (Hz)	5.6	2.2	250.0
Peak Air Pressure:	110 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 9

Record Max PPV: 0.038 in/s Record Max DB: 110 db



SN: 3802 v3.22  
 Date: 05/15/2020 Time: 06:01:00  
 Event: 10  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #5 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: SE CORNER UNIT

Continuous Monitor Recording  
Summary Data

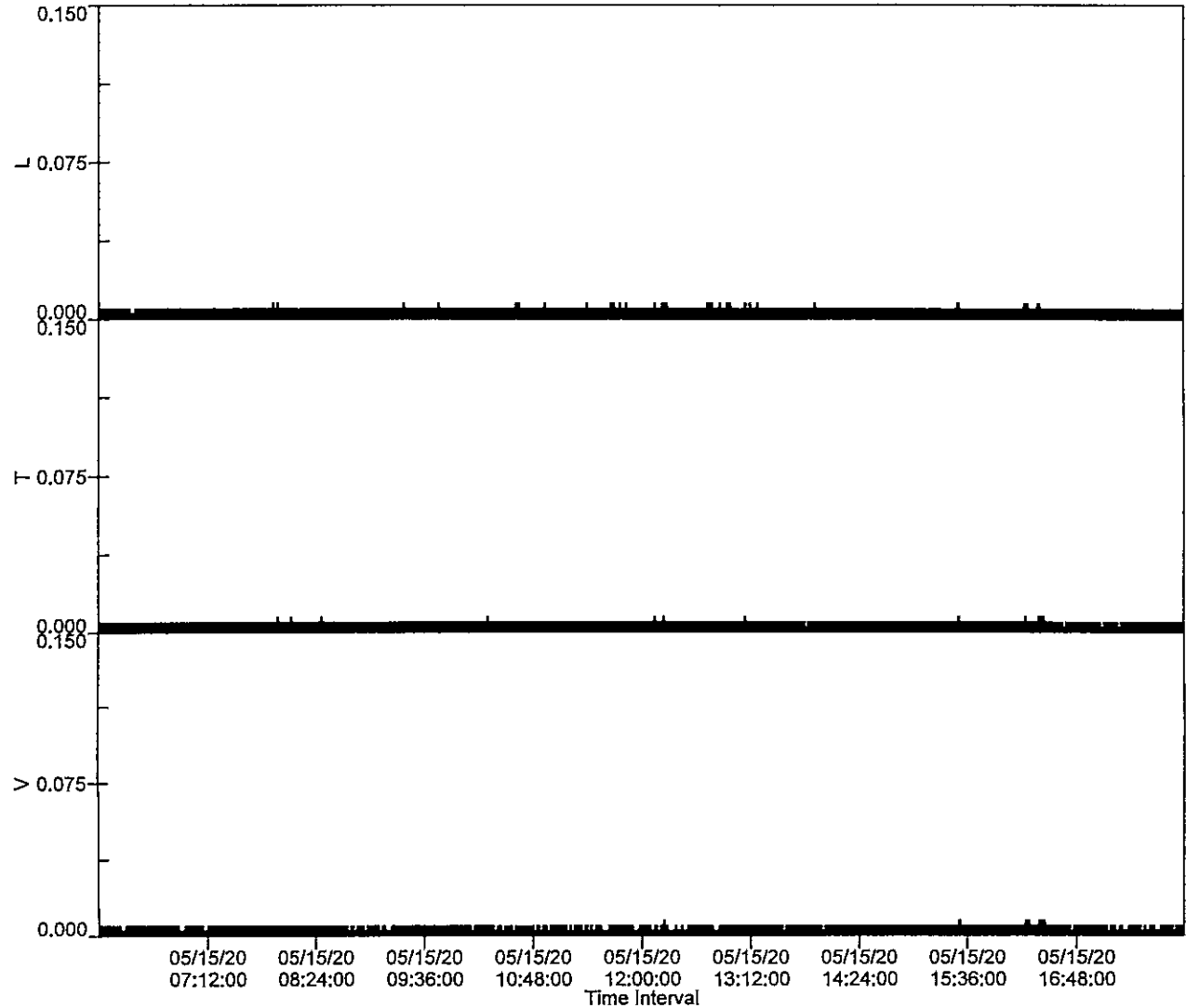
	L	T	V
PPV (in/s)	0.008	0.008	0.008
FREQ (Hz)	.5	3.2	.3
Peak Air Pressure:	87 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 10

Record Max PPV: 0.008 in/s Record Max DB: 87 db



**SN:** 3802 v3.22  
**Date:** 05/16/2020 **Time:** 06:01:00  
**Event:** 11  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #5 WSNP  
**Distance:** 25.  
**Operator:** CTI INC  
**Comment:** SE CORNER UNIT

**Continuous Monitor Recording  
Summary Data**

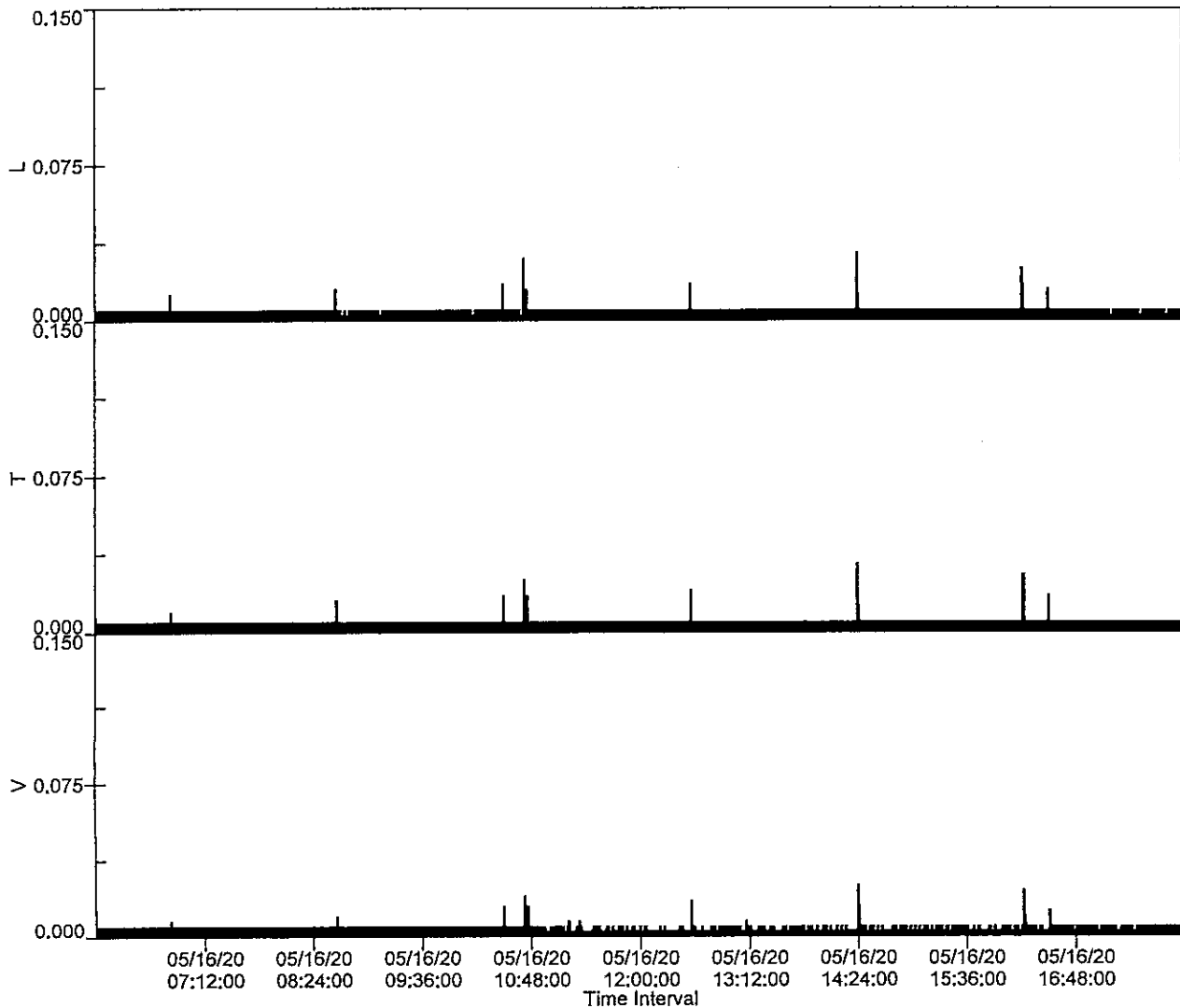
	L	T	V
<b>PPV (in/s)</b>	0.033	0.033	0.025
<b>FREQ (Hz)</b>	250.0	250.0	250.0
<b>Peak Air Pressure:</b>	104 db		
<b>Recording Time:</b>	718 minutes		
<b>Sample Size:</b>	1440		
<b>Interval Size:</b>	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 11

Record Max PPV: 0.033 in/s Record Max DB: 104 db



**SN:** 3802 v3.22  
**Date:** 05/17/2020 **Time:** 06:01:00  
**Event:** 12  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #5 WSNP  
**Distance:** 25.  
**Operator:** CTI INC  
**Comment:** SE CORNER UNIT

**Continuous Monitor Recording  
Summary Data**

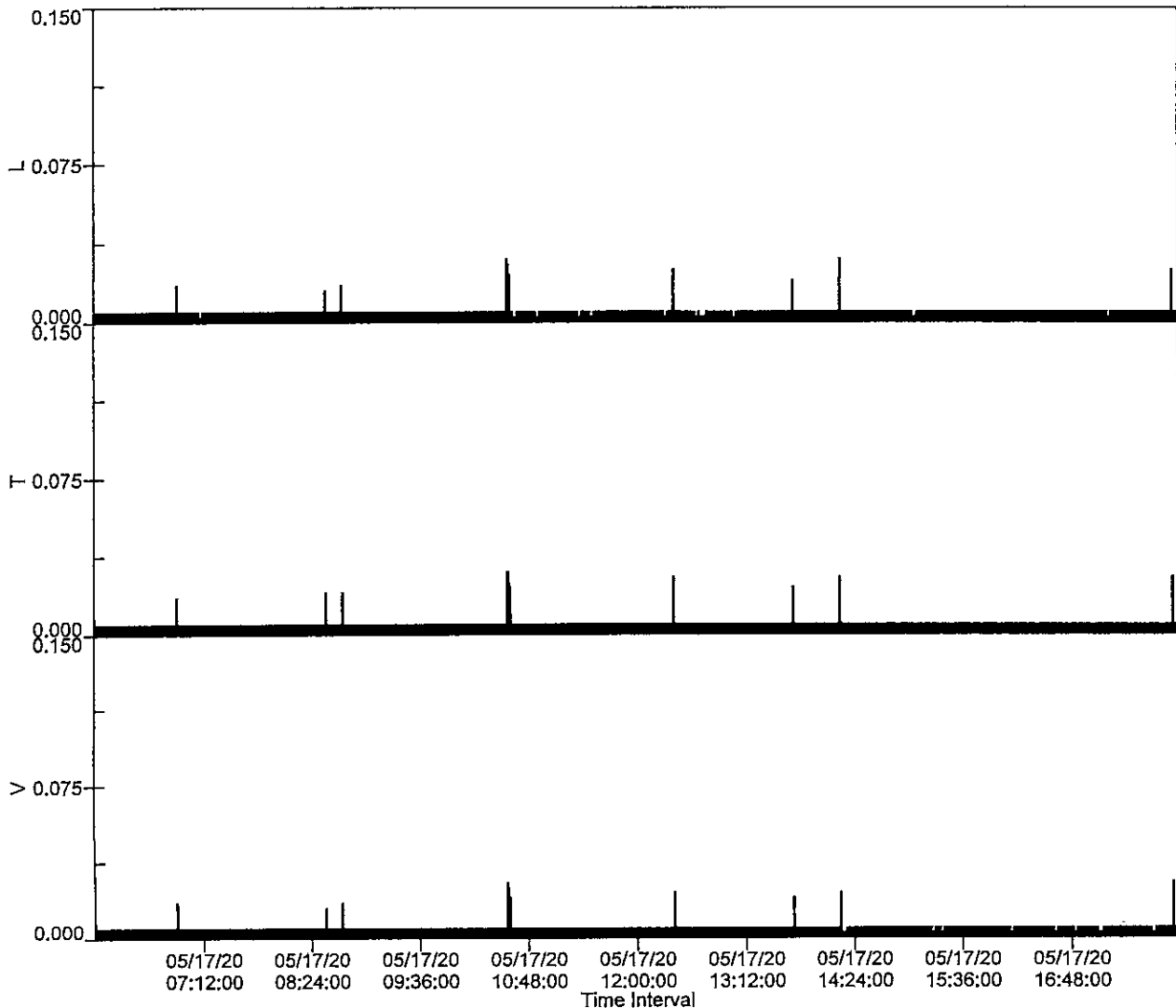
	L	T	V
PPV (in/s)	0.030	0.030	0.028
FREQ (Hz)	250.0	250.0	250.0
Peak Air Pressure:	107 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 12

Record Max PPV: 0.030 in/s Record Max DB: 107 db





**SN:** 3802 v3.22  
**Date:** 05/18/2020 **Time:** 06:01:00  
**Event:** 13  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #5 WSNP  
**Distance:** 25.  
**Operator:** CTI INC  
**Comment:** SE CORNER UNIT

**Continuous Monitor Recording  
Summary Data**

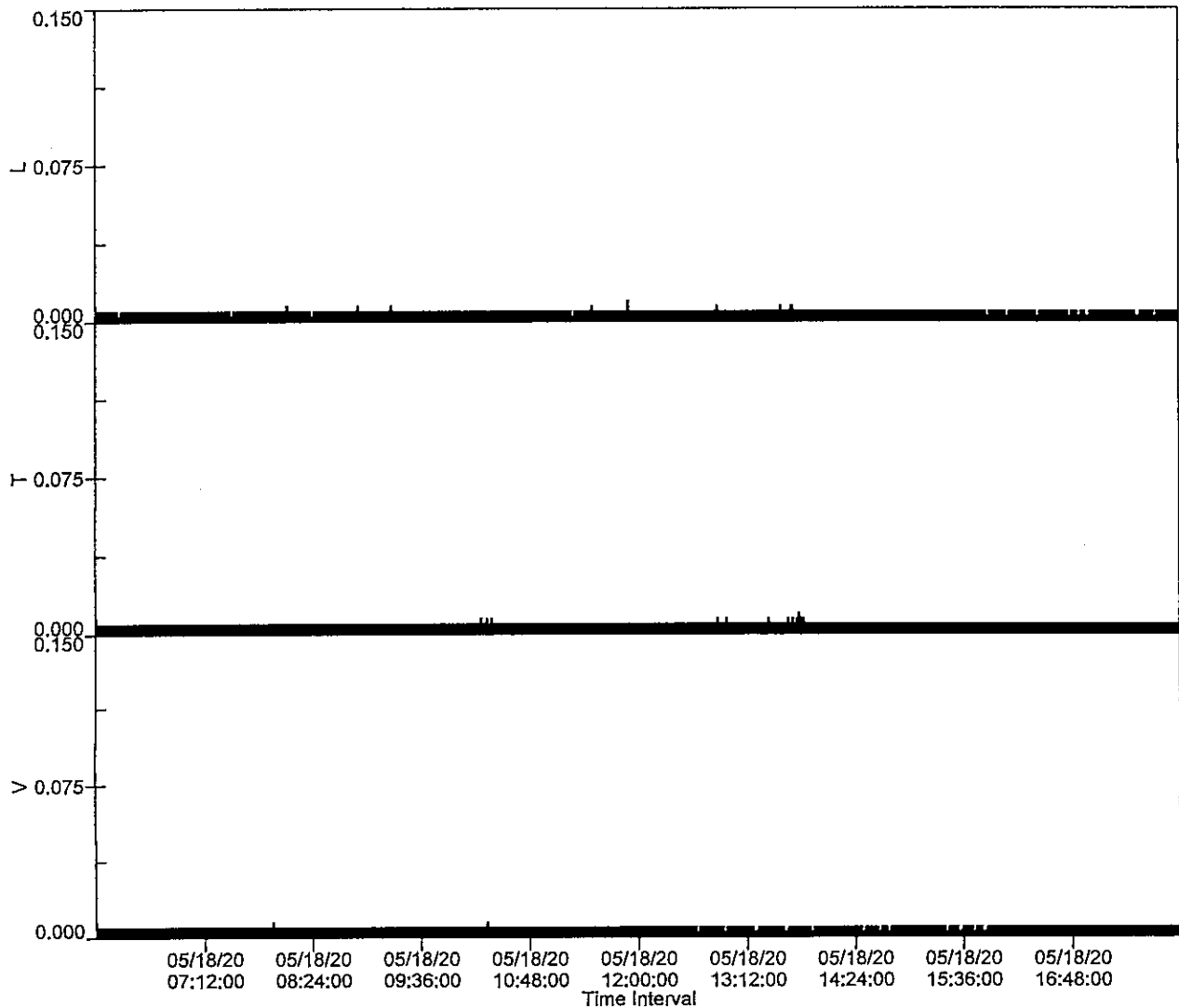
	L	T	V
PPV (in/s)	0.010	0.010	0.008
FREQ (Hz)	13.5	7.2	.3
Peak Air Pressure:	76 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 13

Record Max PPV: 0.010 in/s Record Max DB: 76 db



**SN:** 3802 v3.22  
**Date:** 05/19/2020 **Time:** 06:01:00  
**Event:** 14  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #5 WSNP  
**Distance:** 25.  
**Operator:** CTI INC  
**Comment:** SE CORNER UNIT

**Continuous Monitor Recording  
Summary Data**

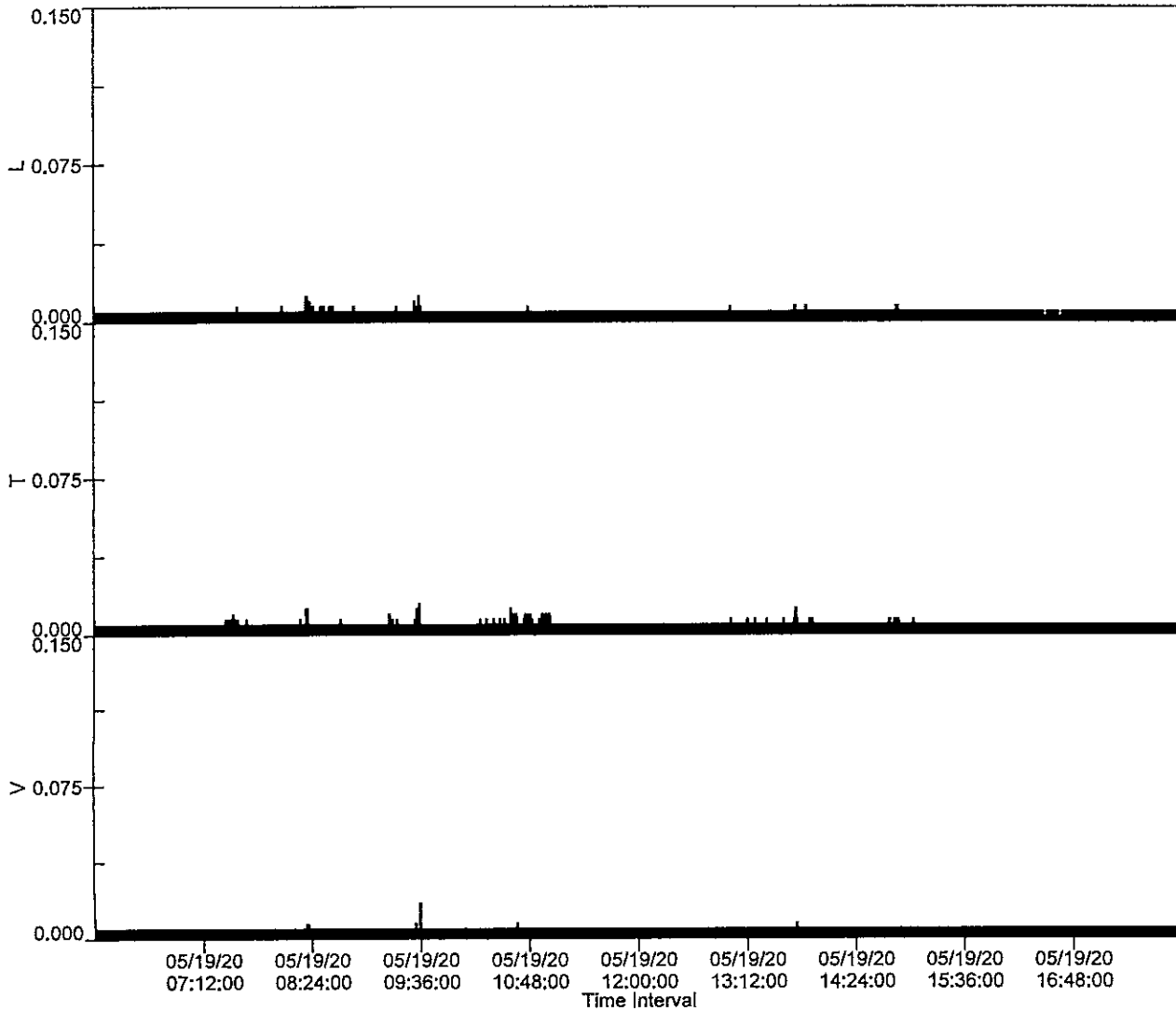
	L	T	V
PPV (in/s)	0.013	0.015	0.018
FREQ (Hz)	10.0	41.7	45.5
Peak Air Pressure:	76 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 14

Record Max PPV: 0.018 in/s Record Max DB: 76 db



**SN:** 3802 v3.22  
**Date:** 05/20/2020 **Time:** 06:01:00  
**Event:** 15  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #5 WSNP  
**Distance:** 25.  
**Operator:** CTI INC  
**Comment:** SE CORNER UNIT

**Continuous Monitor Recording  
Summary Data**

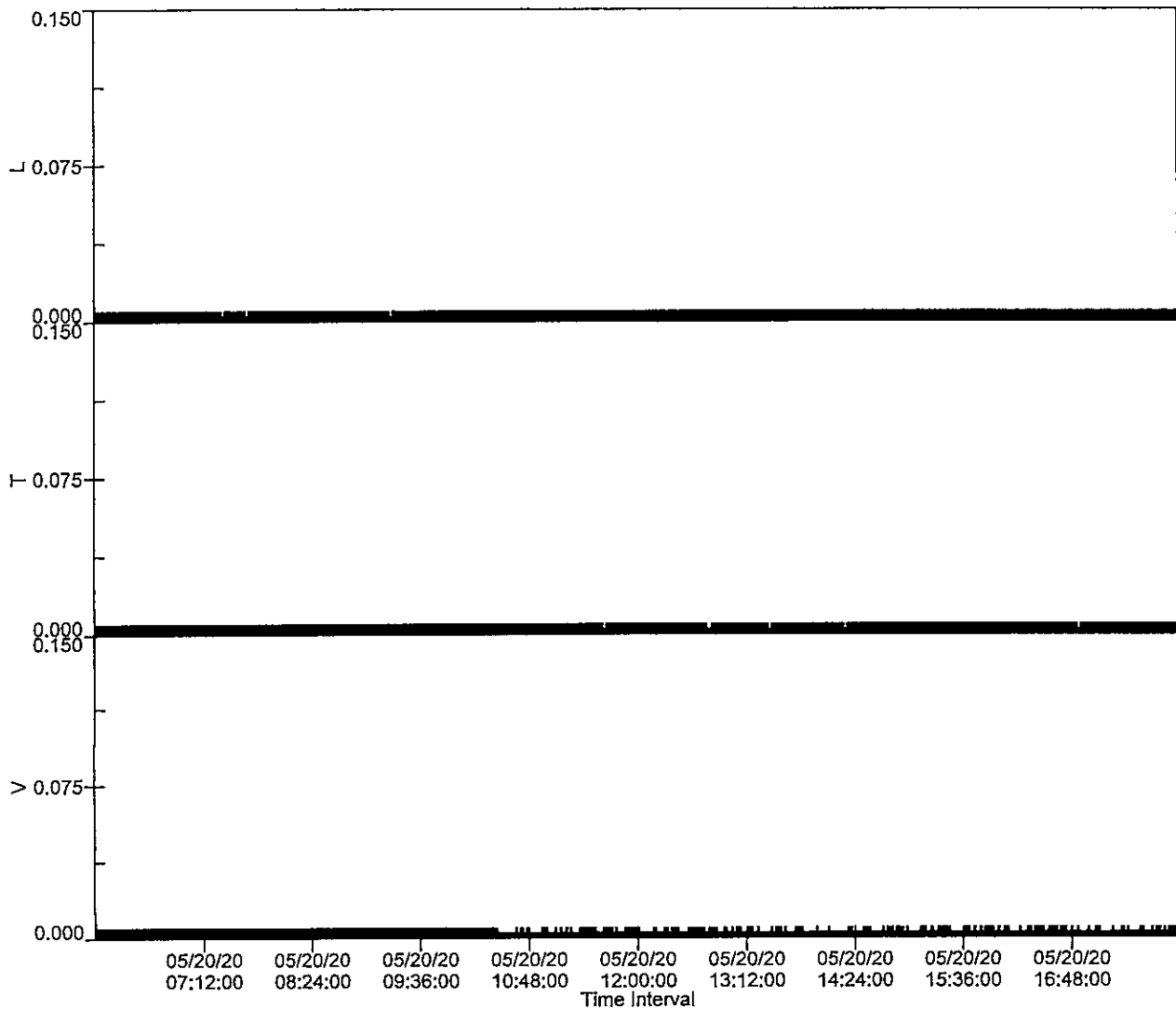
	L	T	V
<b>PPV (in/s)</b>	0.008	0.008	0.008
<b>FREQ (Hz)</b>	.4	2.5	.3
<b>Peak Air Pressure:</b>	78 db		
<b>Recording Time:</b>	718 minutes		
<b>Sample Size:</b>	1440		
<b>Interval Size:</b>	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 15

Record Max PPV: 0.008 in/s Record Max DB: 78 db



**SN:** 3802 v3.22  
**Date:** 05/21/2020 **Time:** 06:01:00  
**Event:** 16  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #5 WSNP  
**Distance:** 25.  
**Operator:** CTI INC  
**Comment:** SE CORNER UNIT

**Continuous Monitor Recording  
Summary Data**

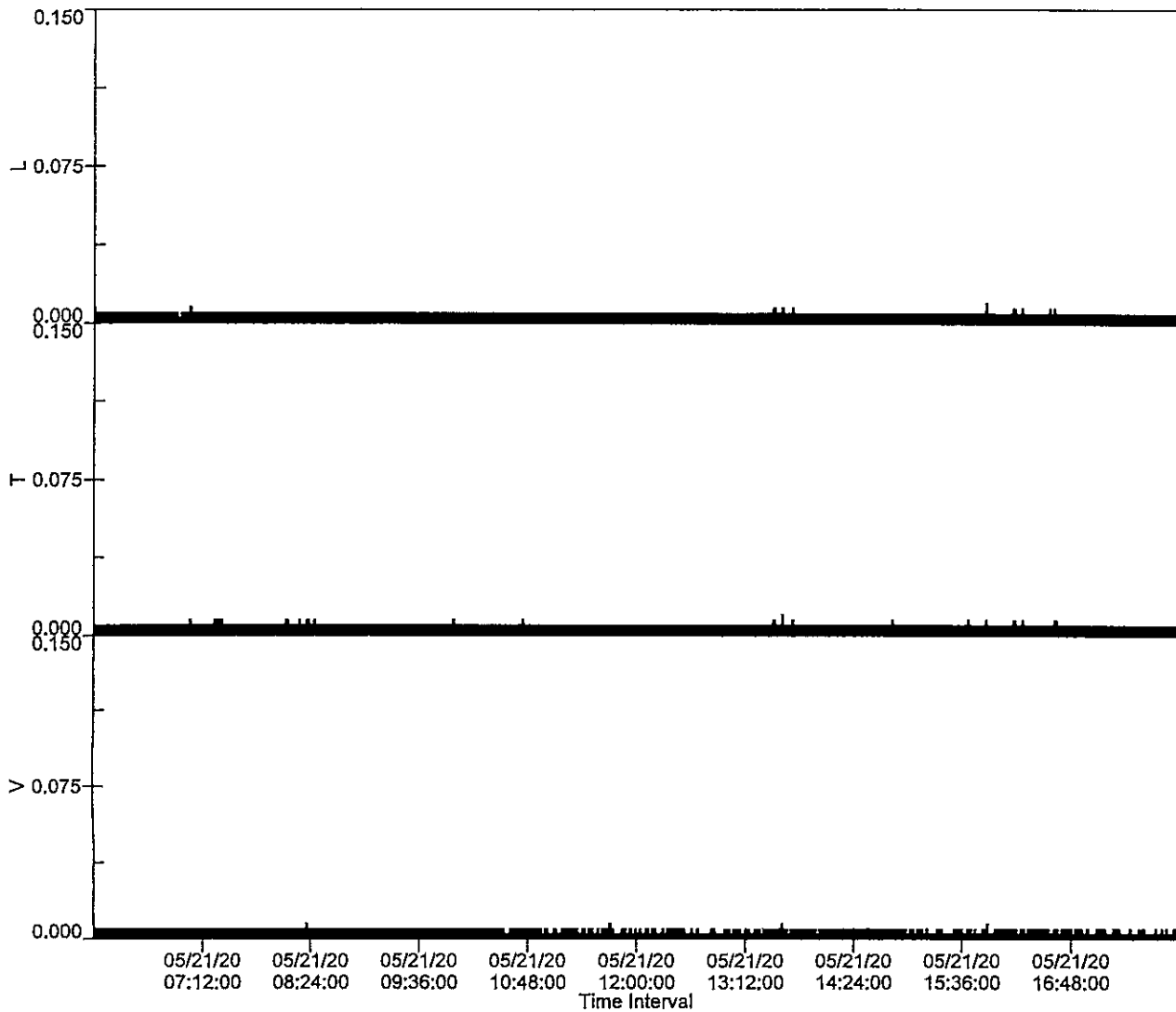
	L	T	V
PPV (in/s)	0.010	0.010	0.008
FREQ (Hz)	13.9	12.5	.3
Peak Air Pressure: 78 db			
Recording Time: 718 minutes			
Sample Size: 1440			
Interval Size: 60 seconds			

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 16

Record Max PPV: 0.010 in/s Record Max DB: 78 db



**SN:** 3802 v3.22  
**Date:** 05/22/2020 **Time:** 06:01:00  
**Event:** 17  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #5 WSNP  
**Distance:** 25.  
**Operator:** CTI INC  
**Comment:** SE CORNER UNIT

**Continuous Monitor Recording  
Summary Data**

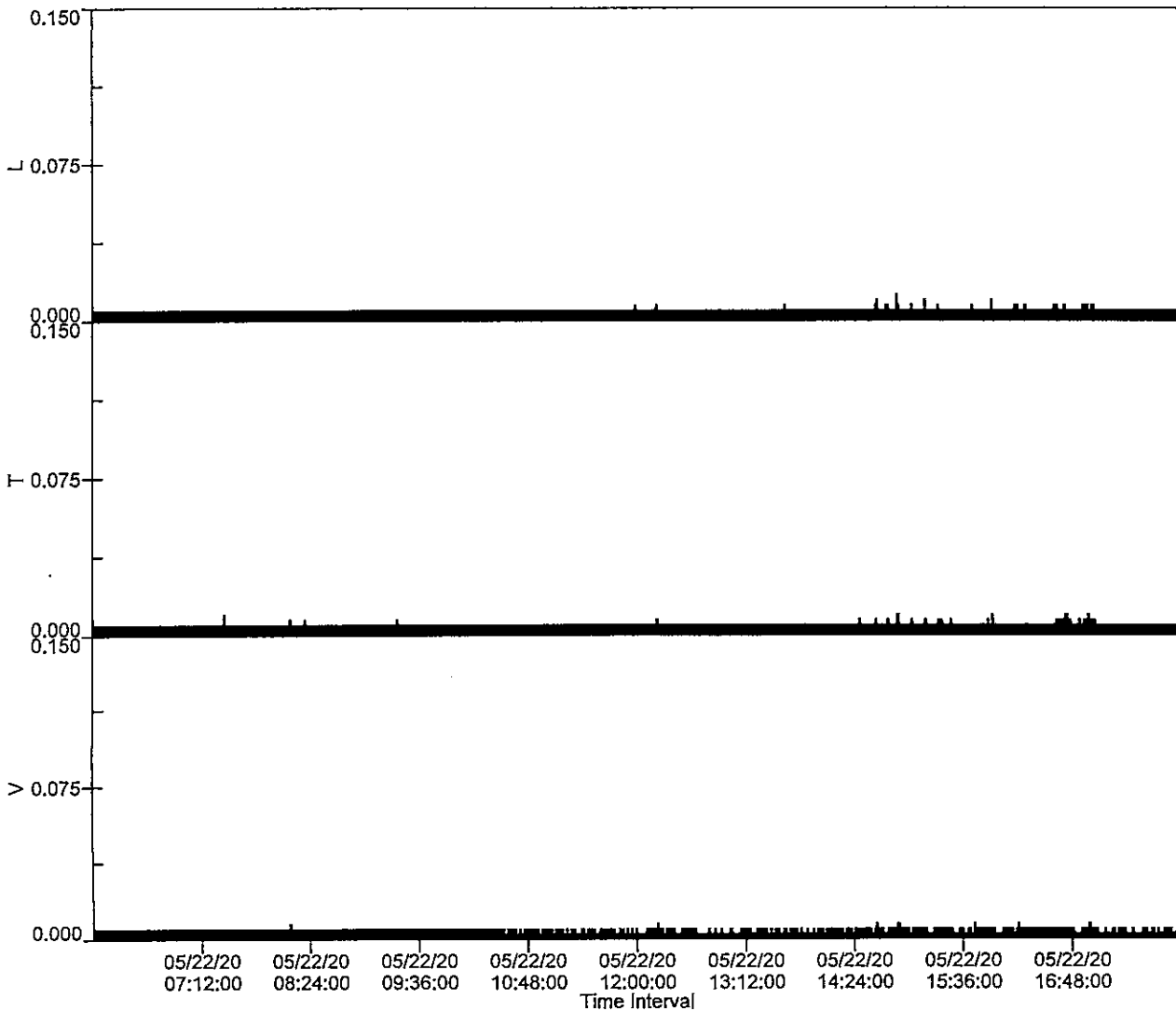
	L	T	V
PPV (in/s)	0.013	0.010	0.008
FREQ (Hz)	11.6	11.9	.3
Peak Air Pressure:	76 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 17

Record Max PPV: 0.013 in/s Record Max DB: 76 db



**SN:** 3802 v3.22  
**Date:** 05/23/2020 **Time:** 06:01:00  
**Event:** 18  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #5 WSNP  
**Distance:** 25.  
**Operator:** CTI INC  
**Comment:** SE CORNER UNIT

**Continuous Monitor Recording  
Summary Data**

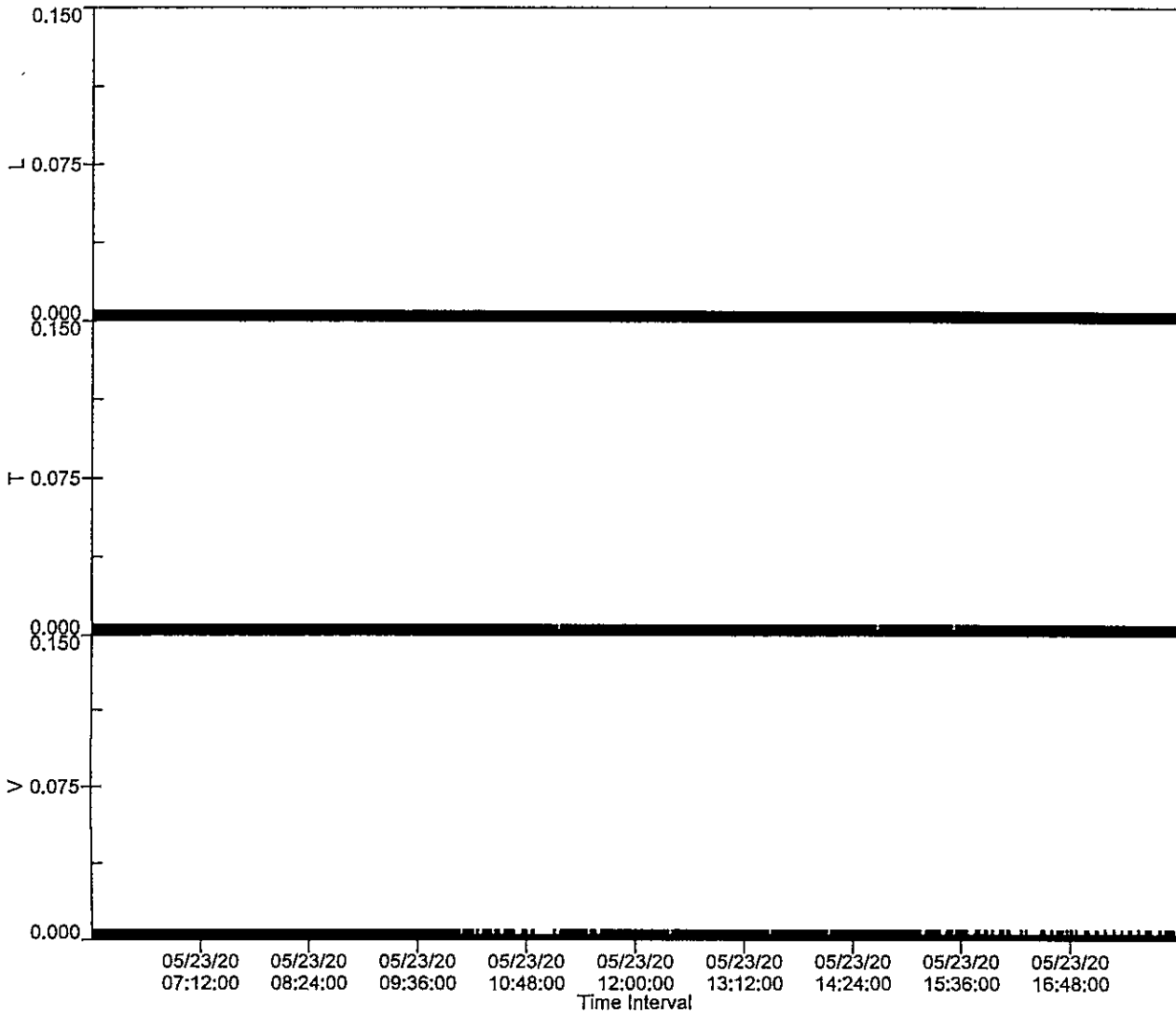
	L	T	V
PPV (in/s)	0.008	0.008	0.008
FREQ (Hz)	.4	2.3	.3
Peak Air Pressure: 78 db			
Recording Time: 718 minutes			
Sample Size: 1440			
Interval Size: 60 seconds			

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 18

Record Max PPV: 0.008 in/s Record Max DB: 78 db



**SN:** 3802 v3.22  
**Date:** 05/24/2020 **Time:** 06:01:00  
**Event:** 19  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #5 WSNP  
**Distance:** 25.  
**Operator:** CTI INC  
**Comment:** SE CORNER UNIT

**Continuous Monitor Recording  
Summary Data**

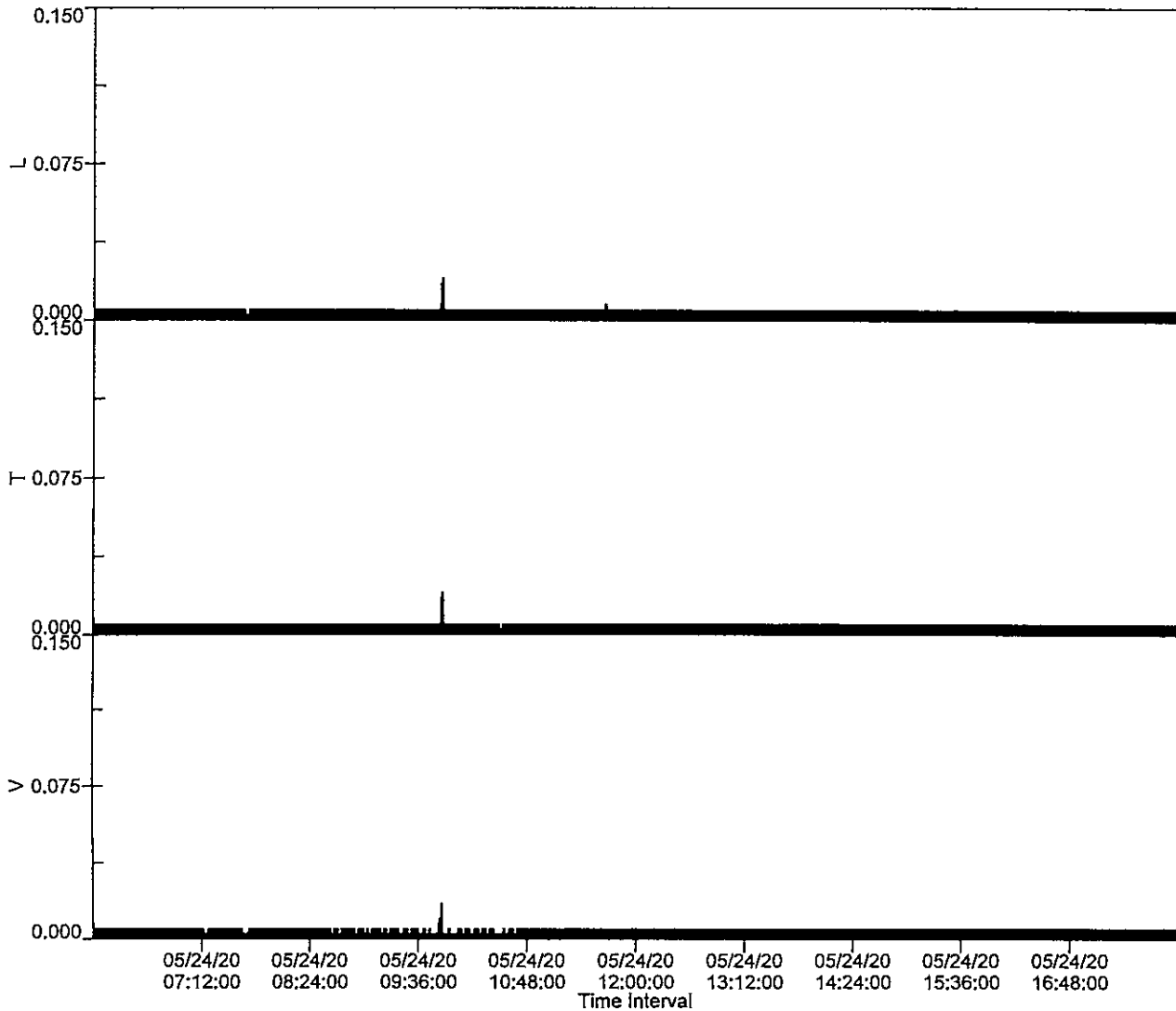
	L	T	V
PPV (in/s)	0.020	0.020	0.018
FREQ (Hz)	35.7	19.2	45.5
Peak Air Pressure:	81 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3802 Event: 19

Record Max PPV: 0.020 in/s Record Max DB: 81 db







**SN:** 3775 v3.22  
**Date:** 05/11/2020 **Time:** 06:01:00  
**Event:** 5  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #6 WSNP  
**Distance:** 25.  
**Operator:** CTI INC  
**Comment:** 2412 MEADOW DRIVE

**Continuous Monitor Recording  
Summary Data**

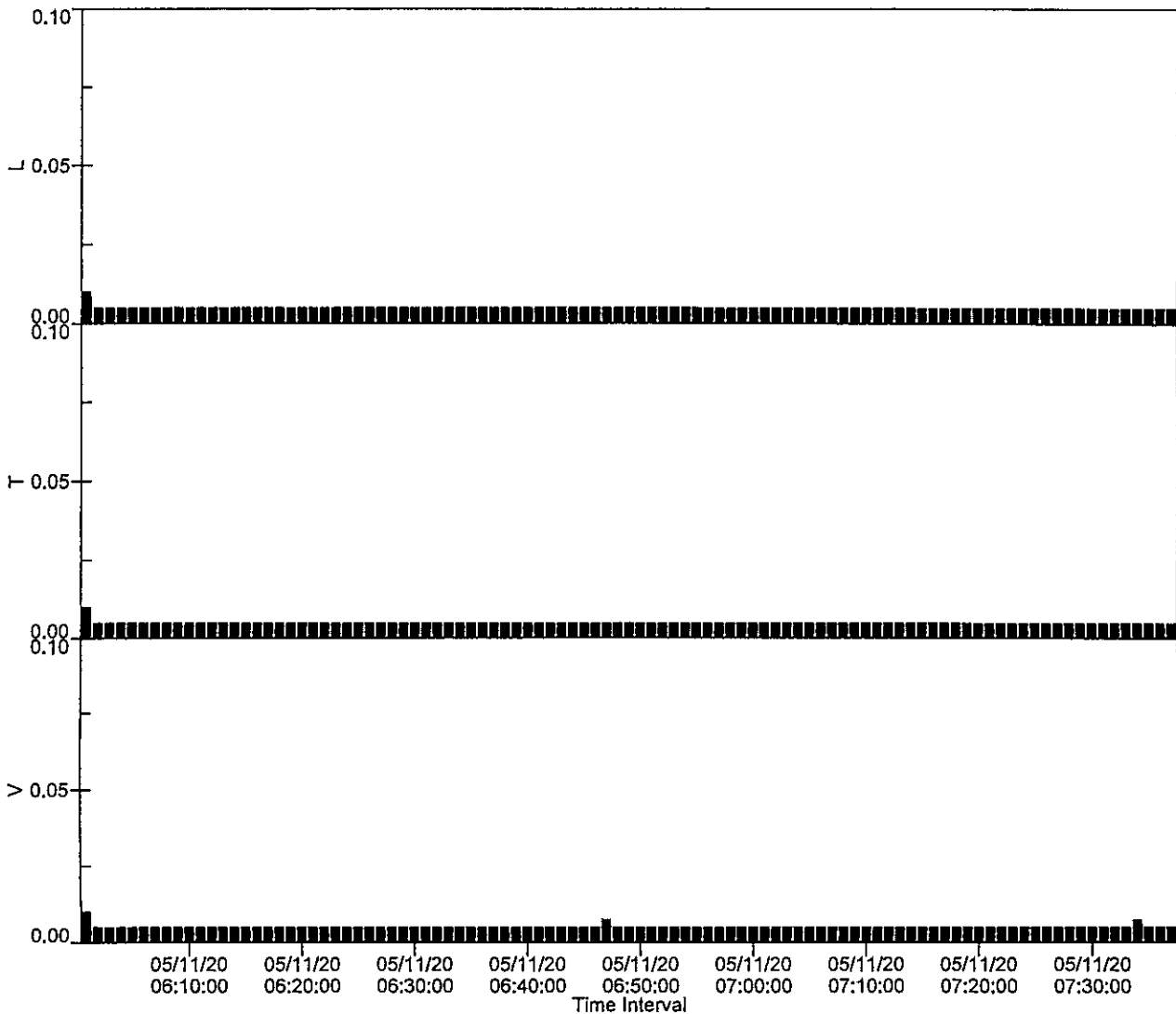
	L	T	V
PPV (in/s)	0.010	0.010	0.010
FREQ (Hz)	.3	2.3	.3
Peak Air Pressure:	94 db		
Recording Time:	97 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 5

Record Max PPV: 0.010 in/s Record Max DB: 94 db



SN: 3775 v3.22  
 Date: 05/11/2020 Time: 07:41:00  
 Event: 6  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #6 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: 2412 MEADOW DRIVE

Continuous Monitor Recording  
Summary Data

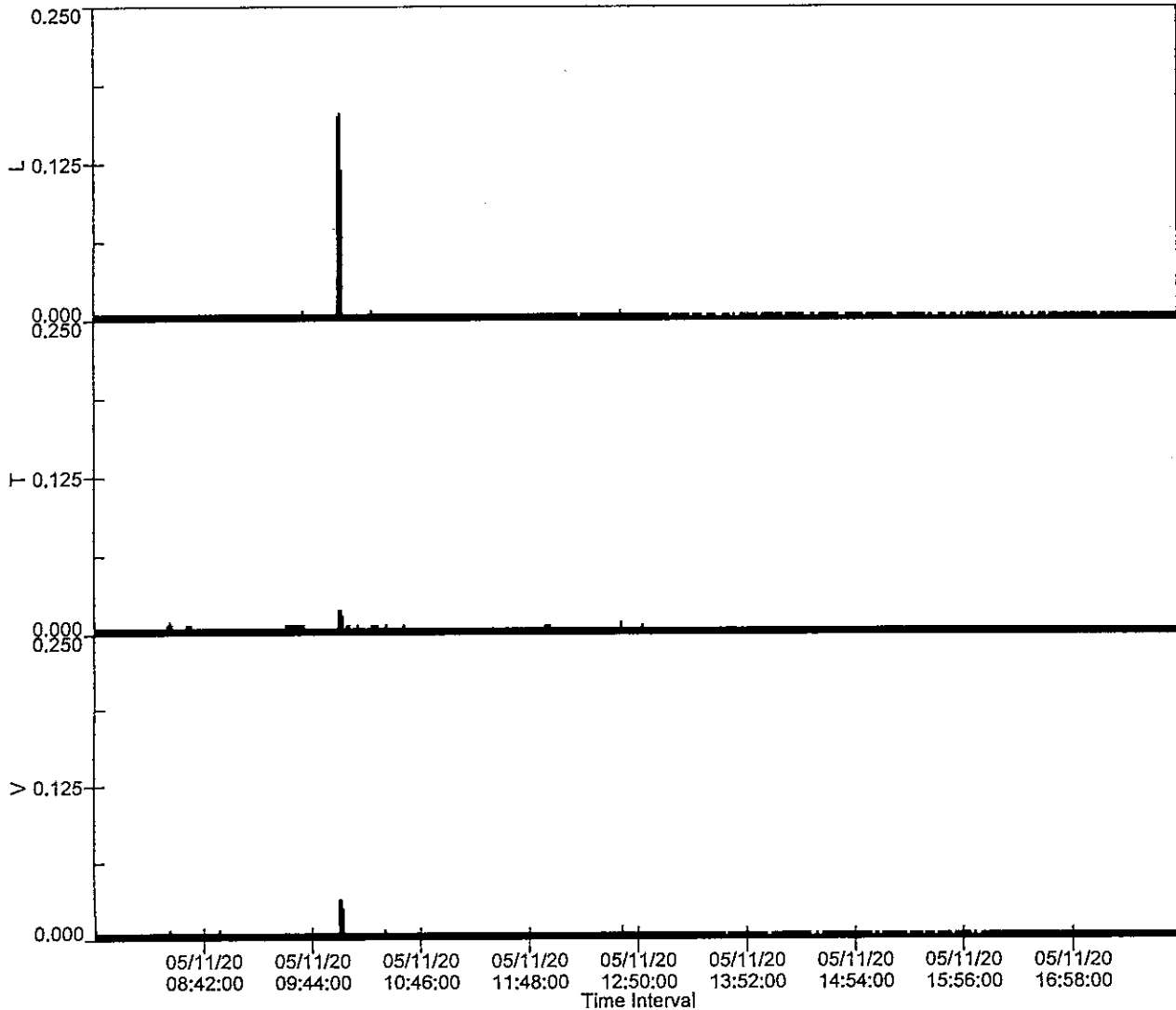
	L	T	V
PPV (in/s)	0.165	0.020	0.033
FREQ (Hz)	100.0	3.3	500.0
Peak Air Pressure:	94 db		
Recording Time:	618 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 6

Record Max PPV: 0.165 in/s Record Max DB: 94 db



SN: 3775 v3.22  
 Date: 05/12/2020 Time: 06:01:00  
 Event: 7  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #6 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: 2412 MEADOW DRIVE

Continuous Monitor Recording  
Summary Data

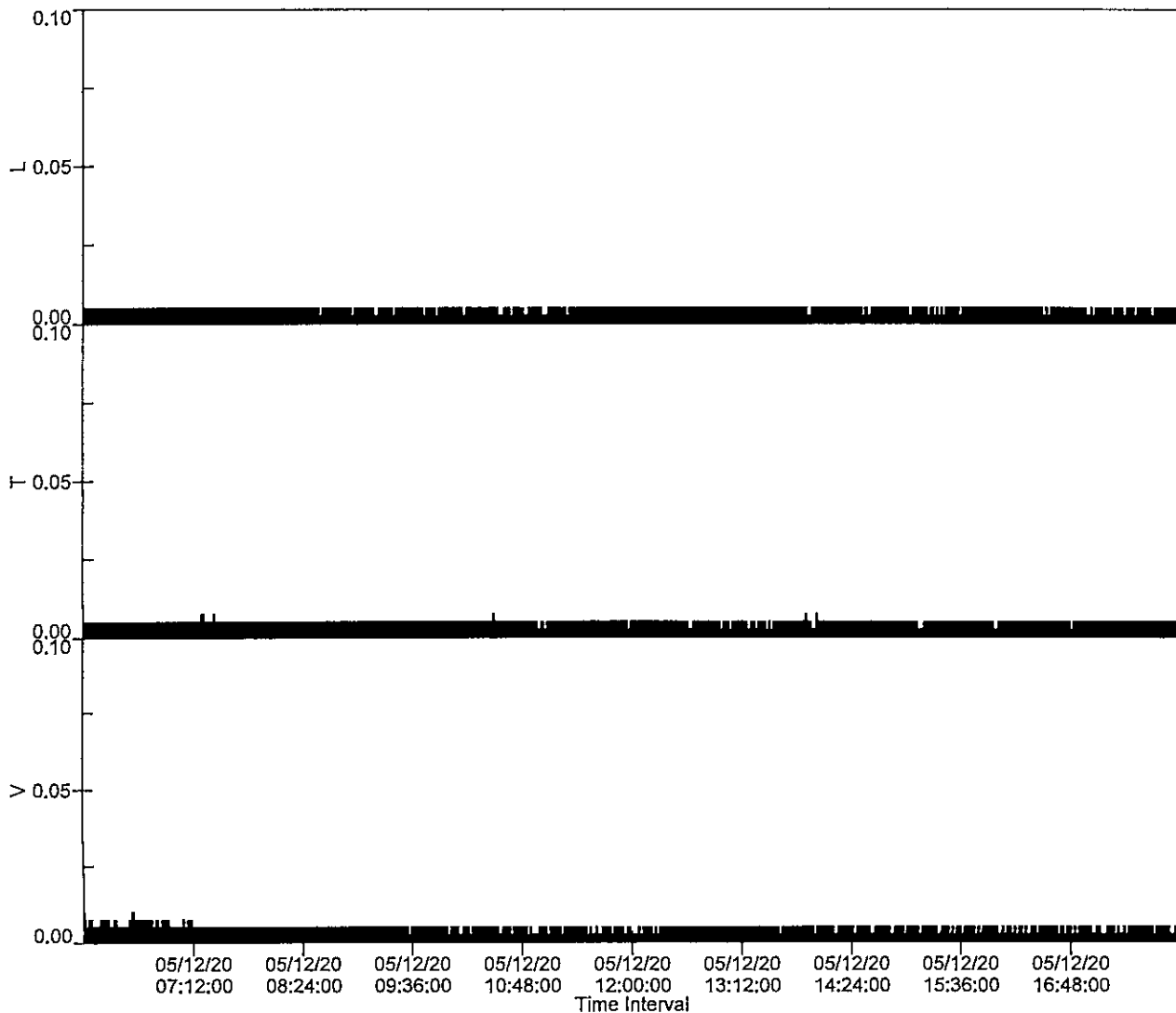
	L	T	V
PPV (in/s)	0.010	0.010	0.010
FREQ (Hz)	.4	4.2	.3
Peak Air Pressure:	79 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 7

Record Max PPV: 0.010 in/s Record Max DB: 79 db



SN: 3775 v3.22  
 Date: 05/13/2020 Time: 06:01:00  
 Event: 8  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #6 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: 2412 MEADOW DRIVE

Continuous Monitor Recording  
Summary Data

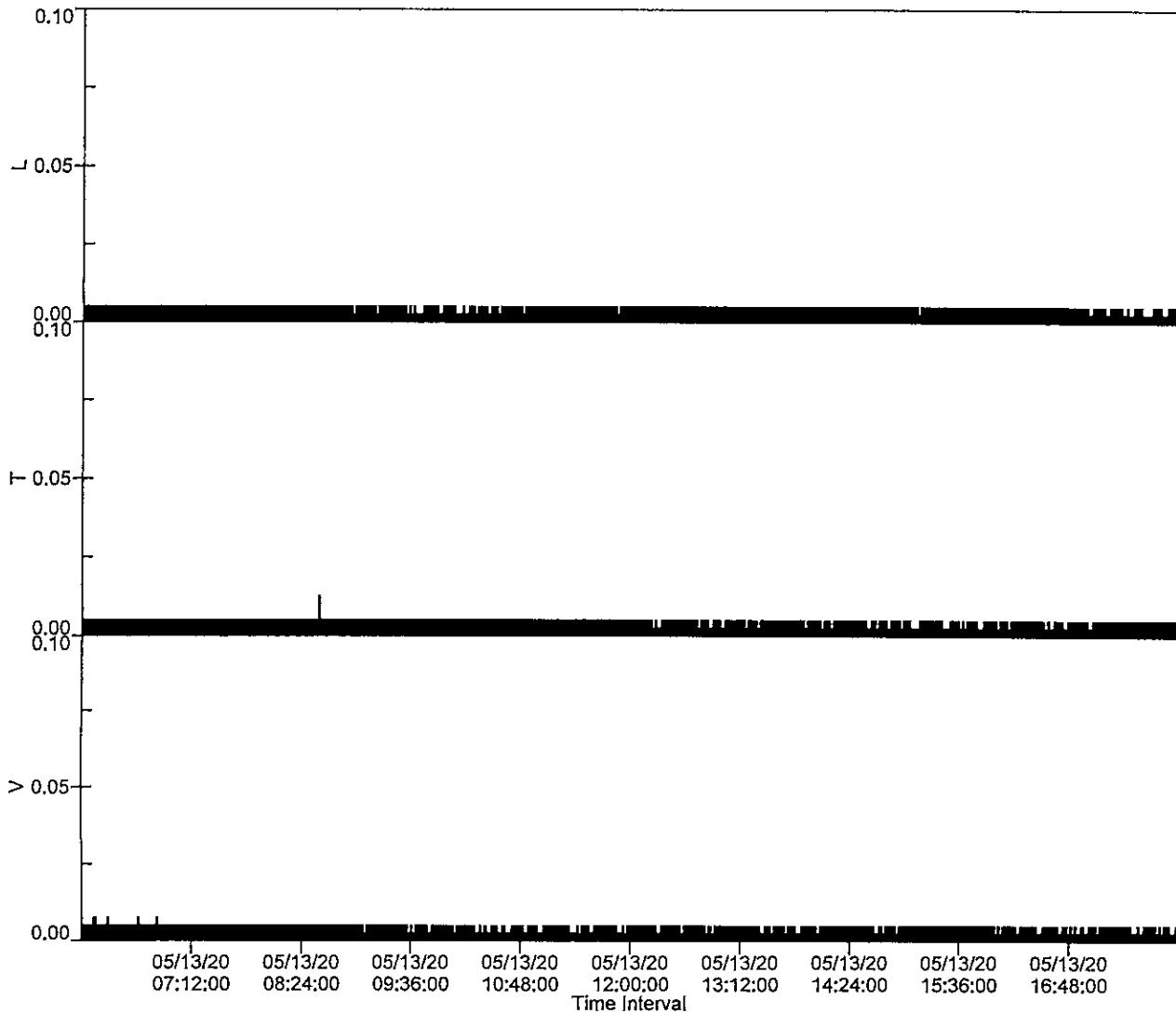
	L	T	V
PPV (in/s)	0.008	0.013	0.008
FREQ (Hz)	.4	83.3	.3
Peak Air Pressure:	78 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 8

Record Max PPV: 0.013 in/s Record Max DB: 78 db



SN: 3775 v3.22  
 Date: 05/14/2020 Time: 06:01:00  
 Event: 9  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #6 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: 2412 MEADOW DRIVE

Continuous Monitor Recording  
Summary Data

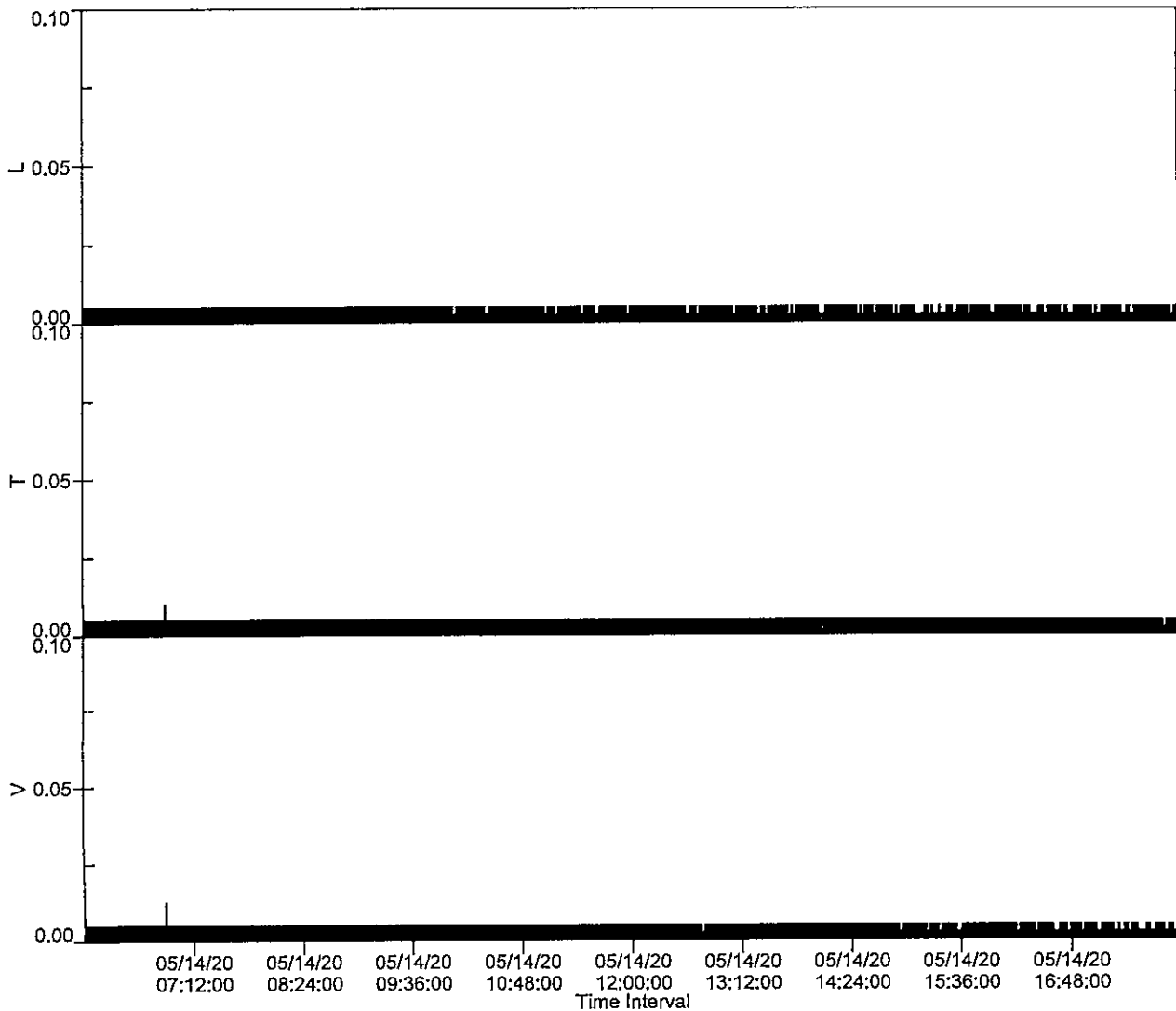
	L	T	V
PPV (in/s)	0.008	0.010	0.013
FREQ (Hz)	.3	13.9	166.7
Peak Air Pressure:	78 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 9

Record Max PPV: 0.013 in/s Record Max DB: 78 db



SN: 3775 v3.22  
 Date: 05/15/2020 Time: 06:01:00  
 Event: 10  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #6 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: 2412 MEADOW DRIVE

Continuous Monitor Recording  
Summary Data

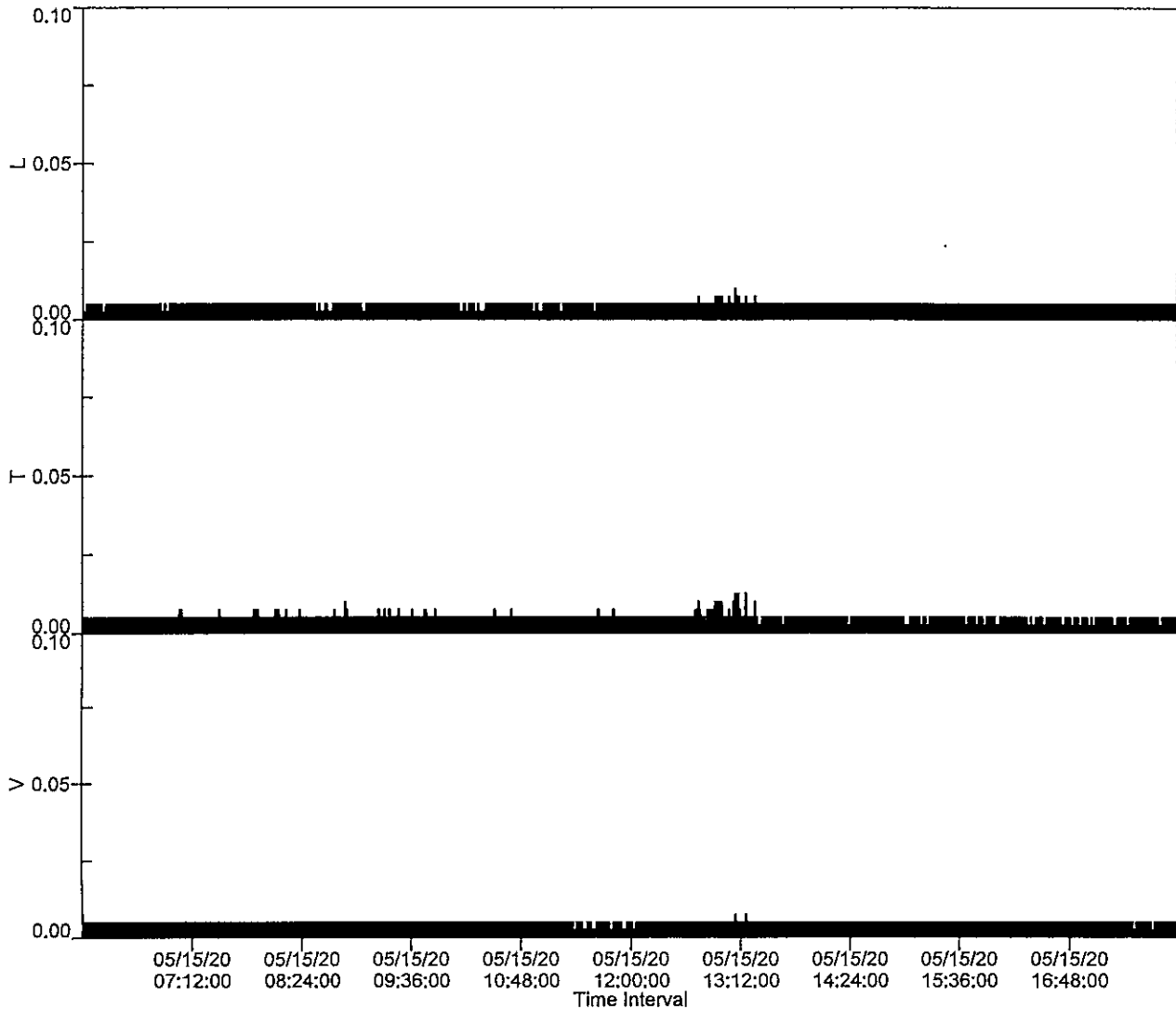
	L	T	V
PPV (in/s)	0.010	0.013	0.008
FREQ (Hz)	13.2	13.5	.3
Peak Air Pressure:	78 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 10

Record Max PPV: 0.013 in/s Record Max DB: 78 db



SN: 3775 v3.22  
 Date: 05/16/2020 Time: 06:01:00  
 Event: 11  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #6 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: 2412 MEADOW DRIVE

Continuous Monitor Recording  
Summary Data

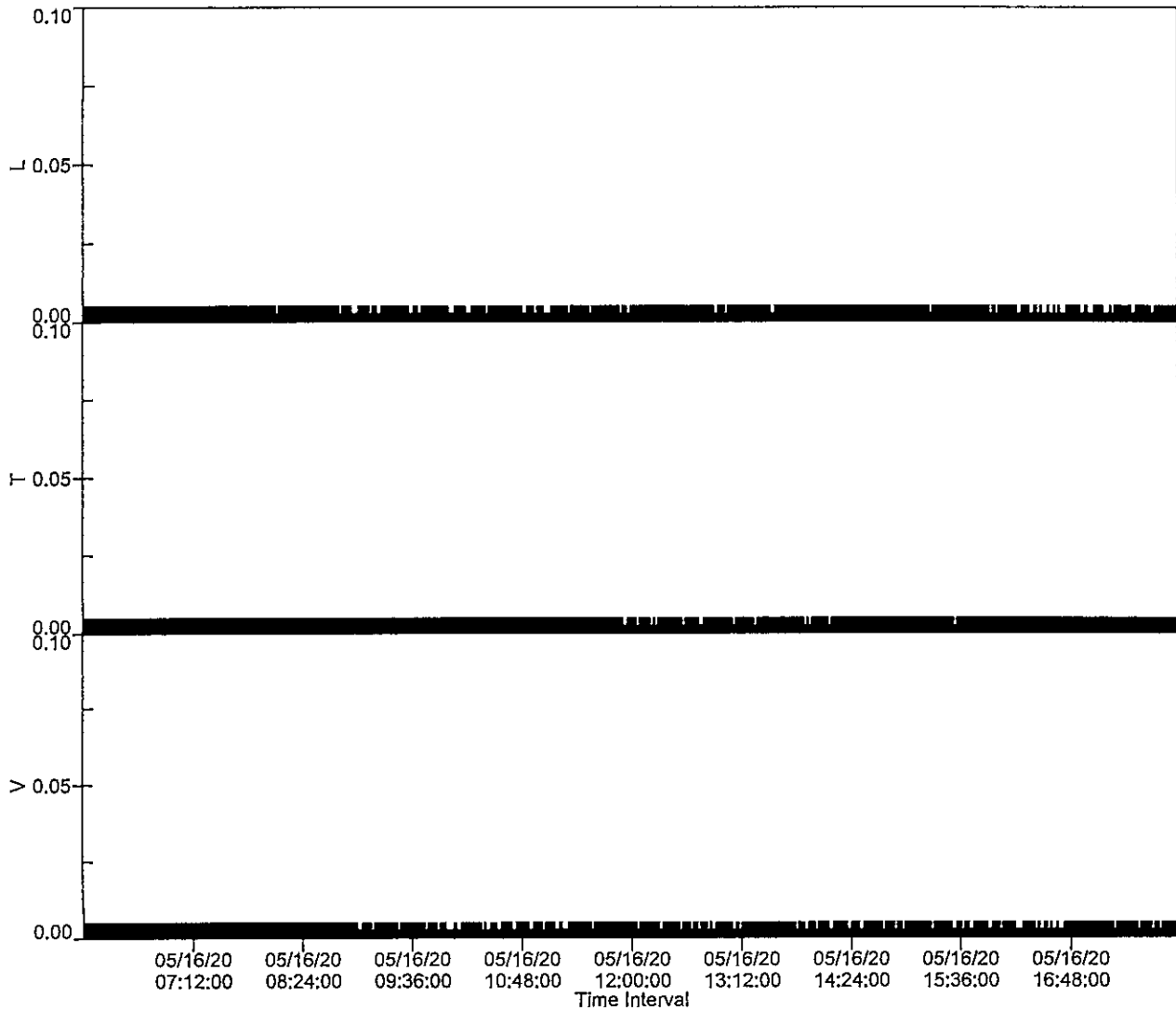
	L	T	V
PPV (in/s)	0.008	0.010	0.010
FREQ (Hz)	.4	2.1	.3
Peak Air Pressure:	78 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 11

Record Max PPV: 0.010 in/s Record Max DB: 78 db



SN: 3775 v3.22  
 Date: 05/17/2020 Time: 06:01:00  
 Event: 12  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #6 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: 2412 MEADOW DRIVE

Continuous Monitor Recording  
Summary Data

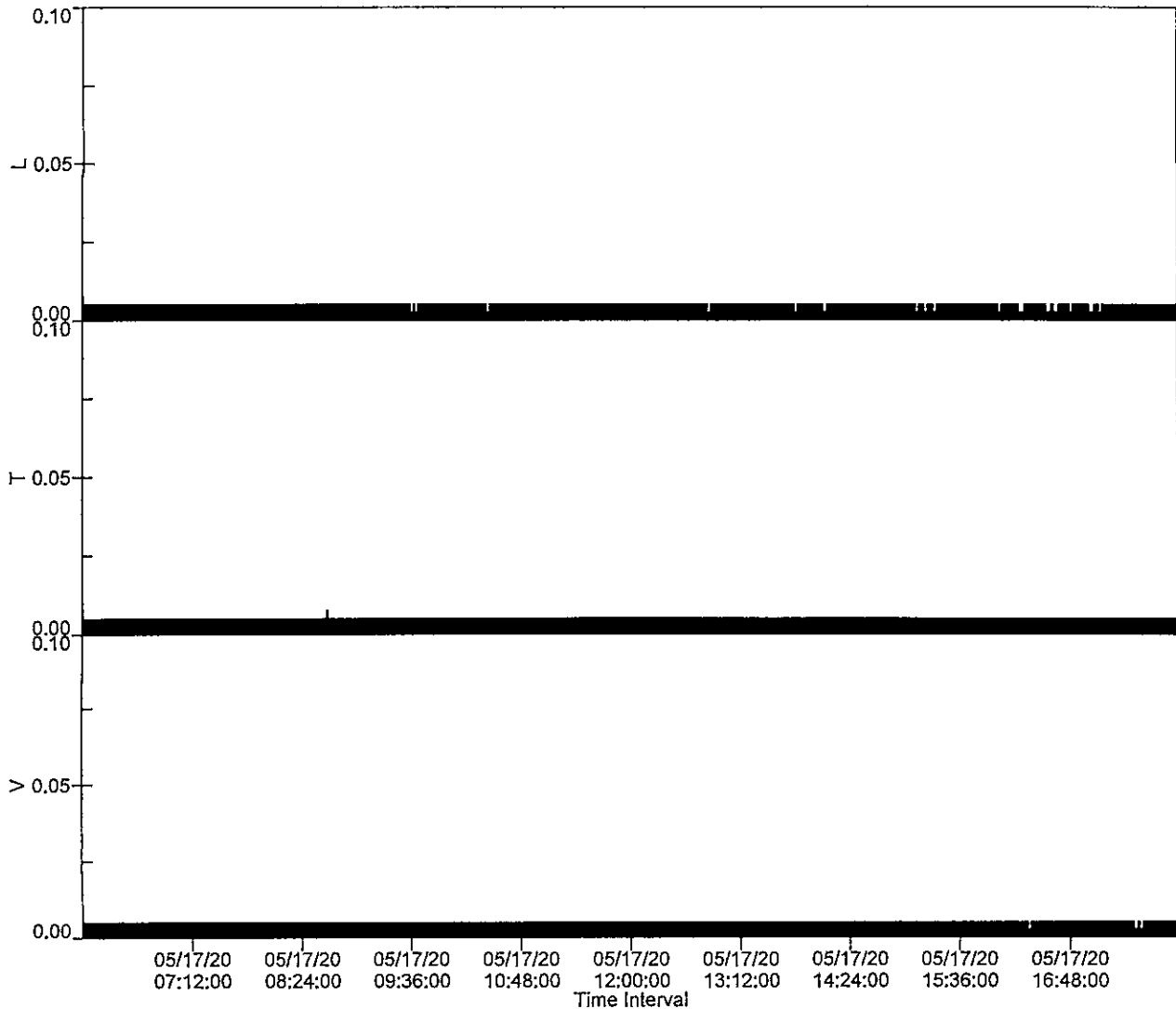
	L	T	V
PPV (in/s)	0.008	0.010	0.008
FREQ (Hz)	.4	7.1	.3
Peak Air Pressure:	78 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 12

Record Max PPV: 0.010 in/s Record Max DB: 78 db





**SN:** 3775 v3.22  
**Date:** 05/18/2020 **Time:** 06:01:00  
**Event:** 13  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #6 WSNP  
**Distance:** 25.  
**Operator:** CTI INC  
**Comment:** 2412 MEADOW DRIVE

**Continuous Monitor Recording  
Summary Data**

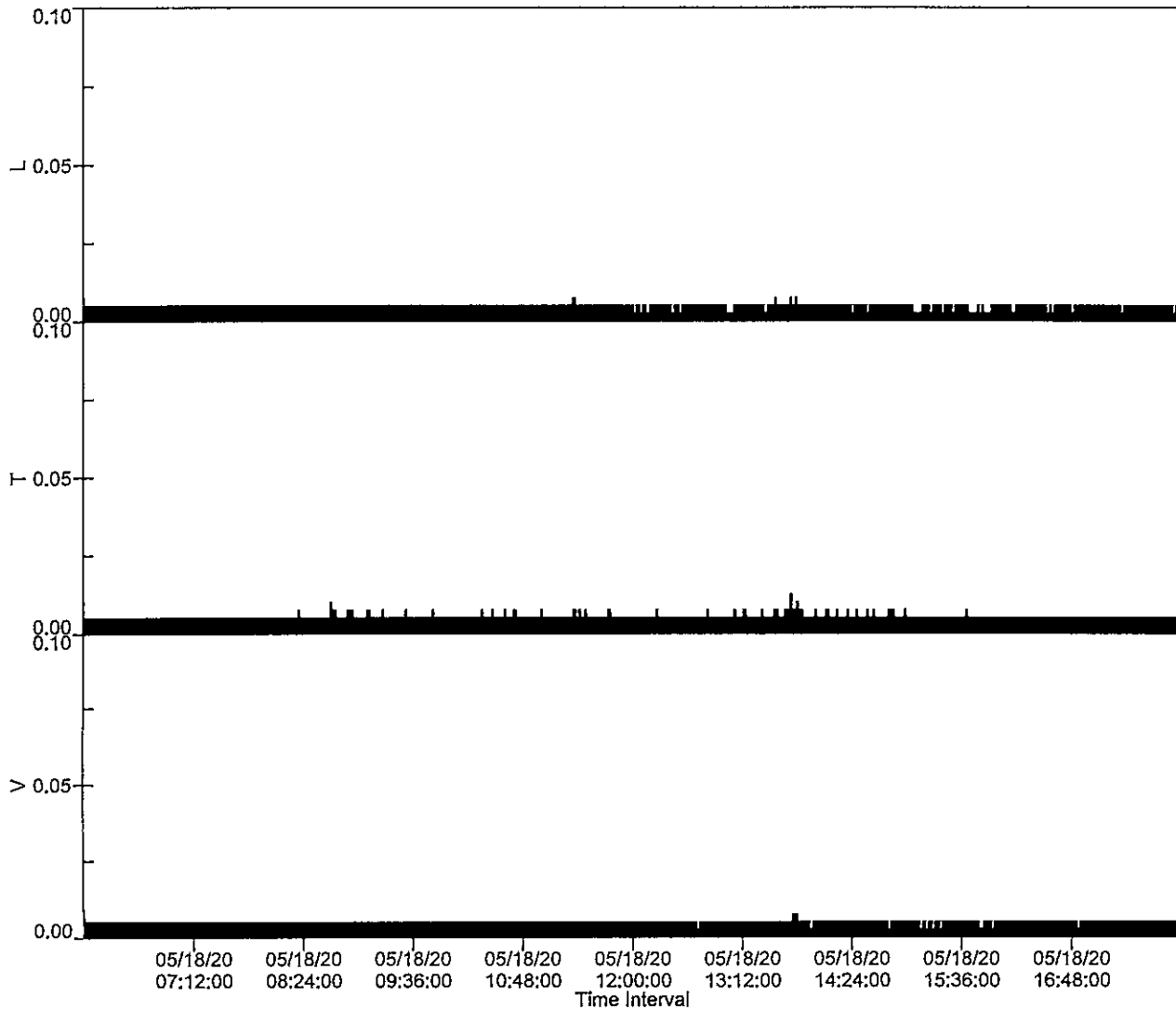
	L	T	V
PPV (in/s)	0.008	0.013	0.008
FREQ (Hz)	.4	9.4	.3
Peak Air Pressure:	78 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 13

Record Max PPV: 0.013 in/s Record Max DB: 78 db



SN: 3775 v3.22  
 Date: 05/19/2020 Time: 06:01:00  
 Event: 14  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #6 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: 2412 MEADOW DRIVE

Continuous Monitor Recording  
Summary Data

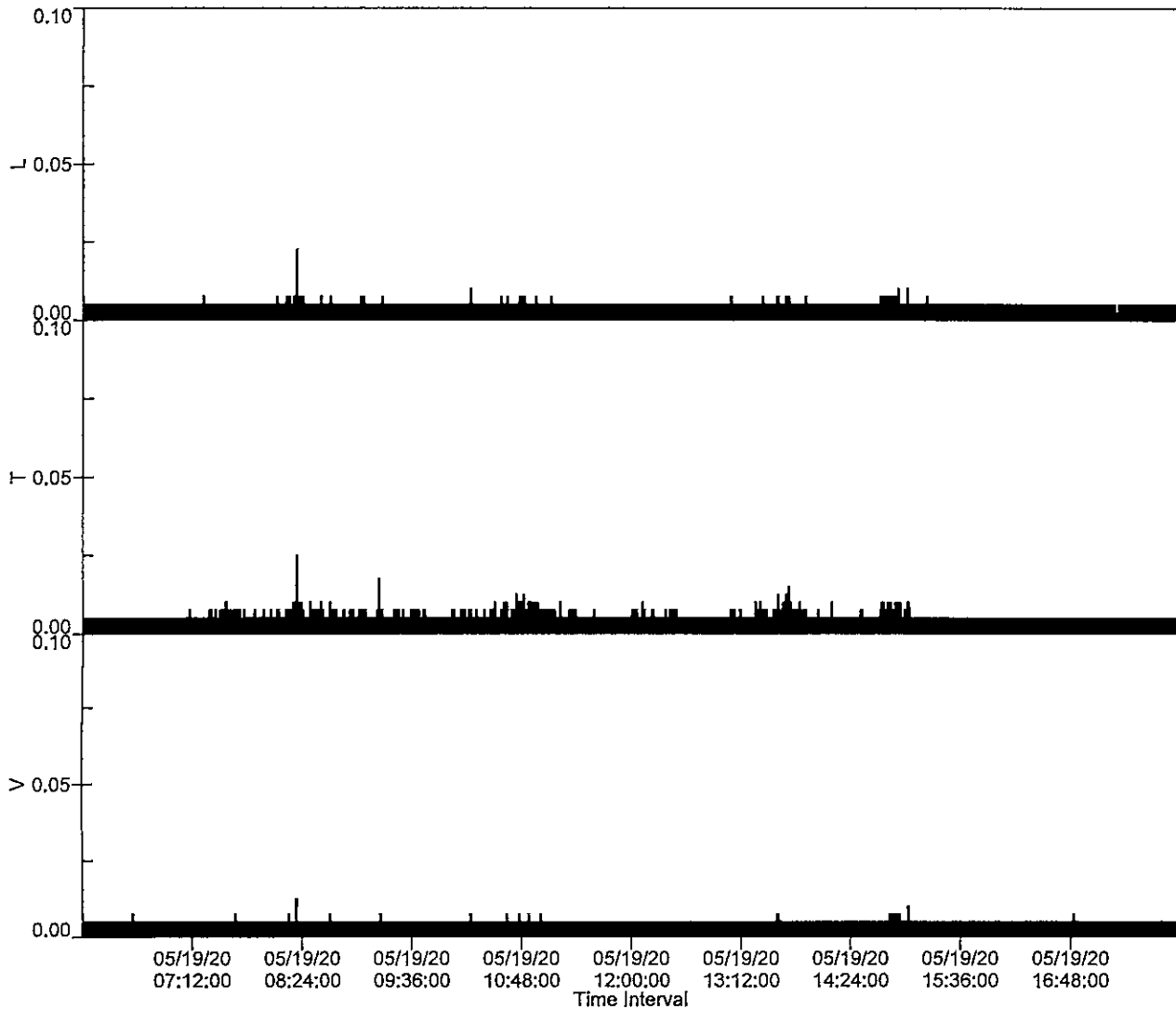
	L	T	V
PPV (in/s)	0.023	0.025	0.013
FREQ (Hz)	10.2	13.5	11.1
Peak Air Pressure:	78 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 14

Record Max PPV: 0.025 in/s Record Max DB: 78 db



SN: 3775 v3.22  
 Date: 05/20/2020 Time: 06:01:00  
 Event: 15  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #6 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: 2412 MEADOW DRIVE

Continuous Monitor Recording  
Summary Data

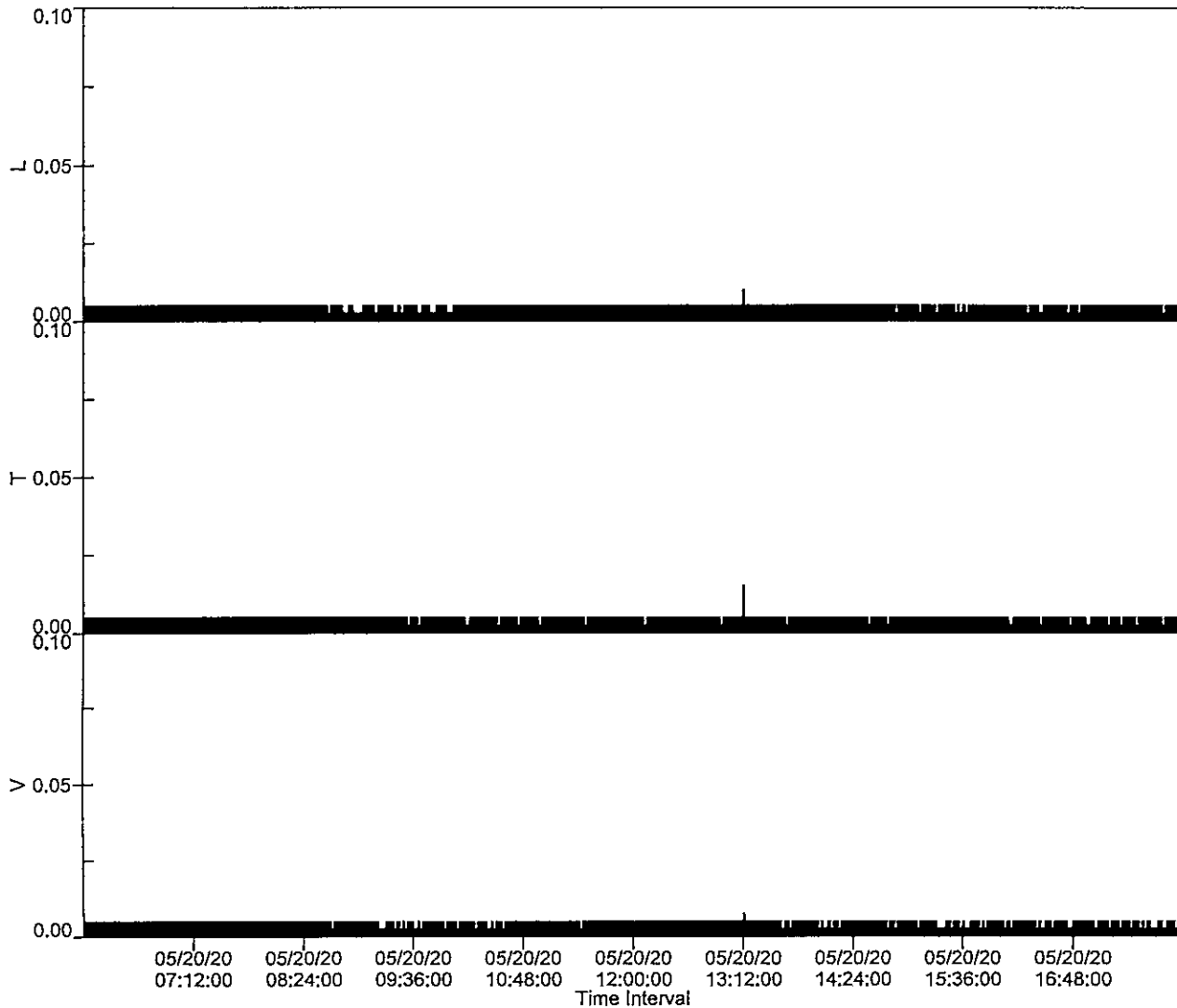
	L	T	V
PPV (in/s)	0.010	0.015	0.008
FREQ (Hz)	16.1	17.9	.3
Peak Air Pressure:	78 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 15

Record Max PPV: 0.015 in/s Record Max DB: 78 db



SN: 3775 v3.22  
 Date: 05/21/2020 Time: 06:01:00  
 Event: 16  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #6 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: 2412 MEADOW DRIVE

Continuous Monitor Recording  
Summary Data

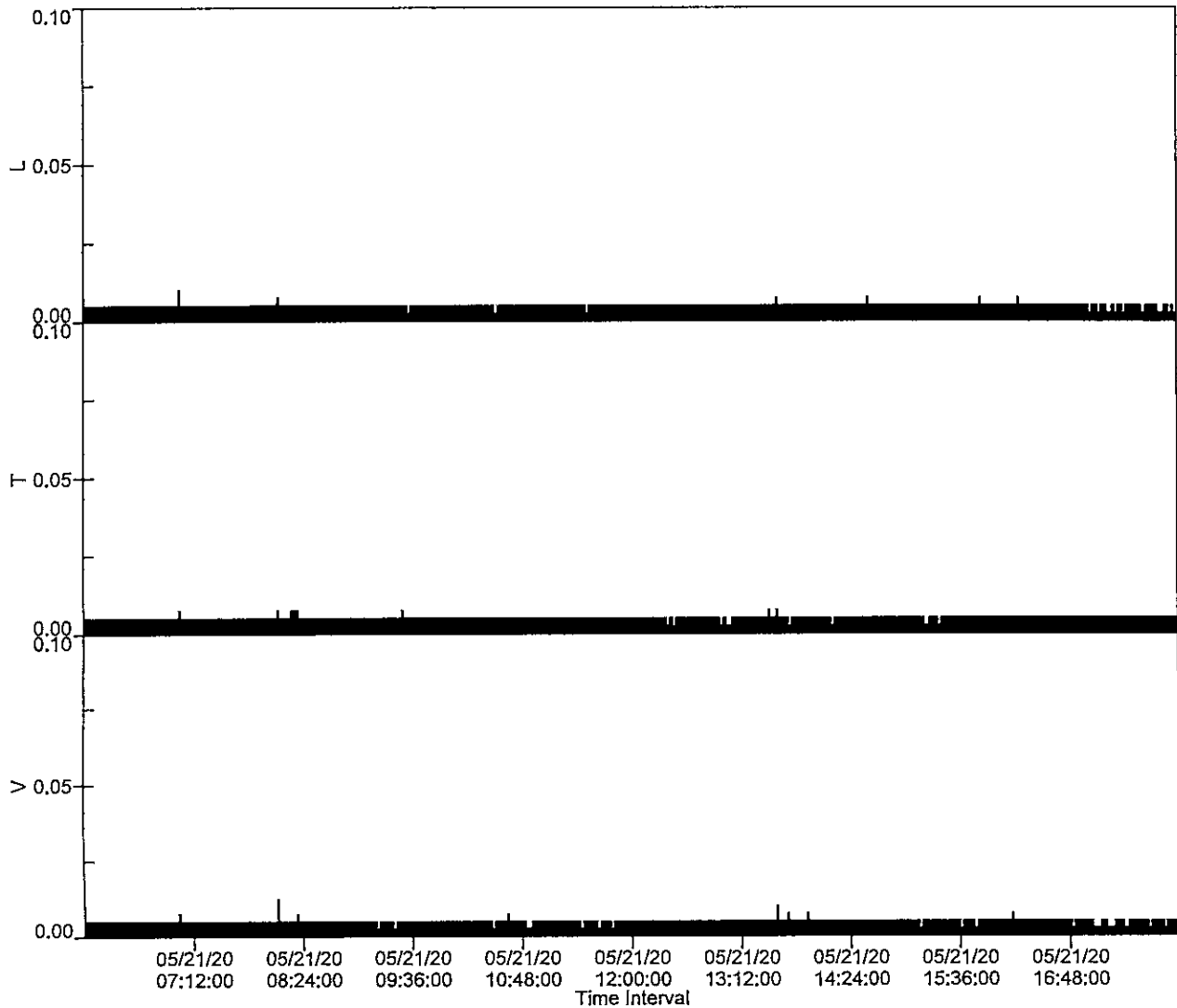
	L	T	V
PPV (in/s)	0.010	0.008	0.013
FREQ (Hz)	15.2	2.3	13.9
Peak Air Pressure:	78 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 16

Record Max PPV: 0.013 in/s Record Max DB: 78 db



SN: 3775 v3.22  
 Date: 05/22/2020 Time: 06:01:00  
 Event: 17  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #6 WSNP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: 2412 MEADOW DRIVE

Continuous Monitor Recording  
Summary Data

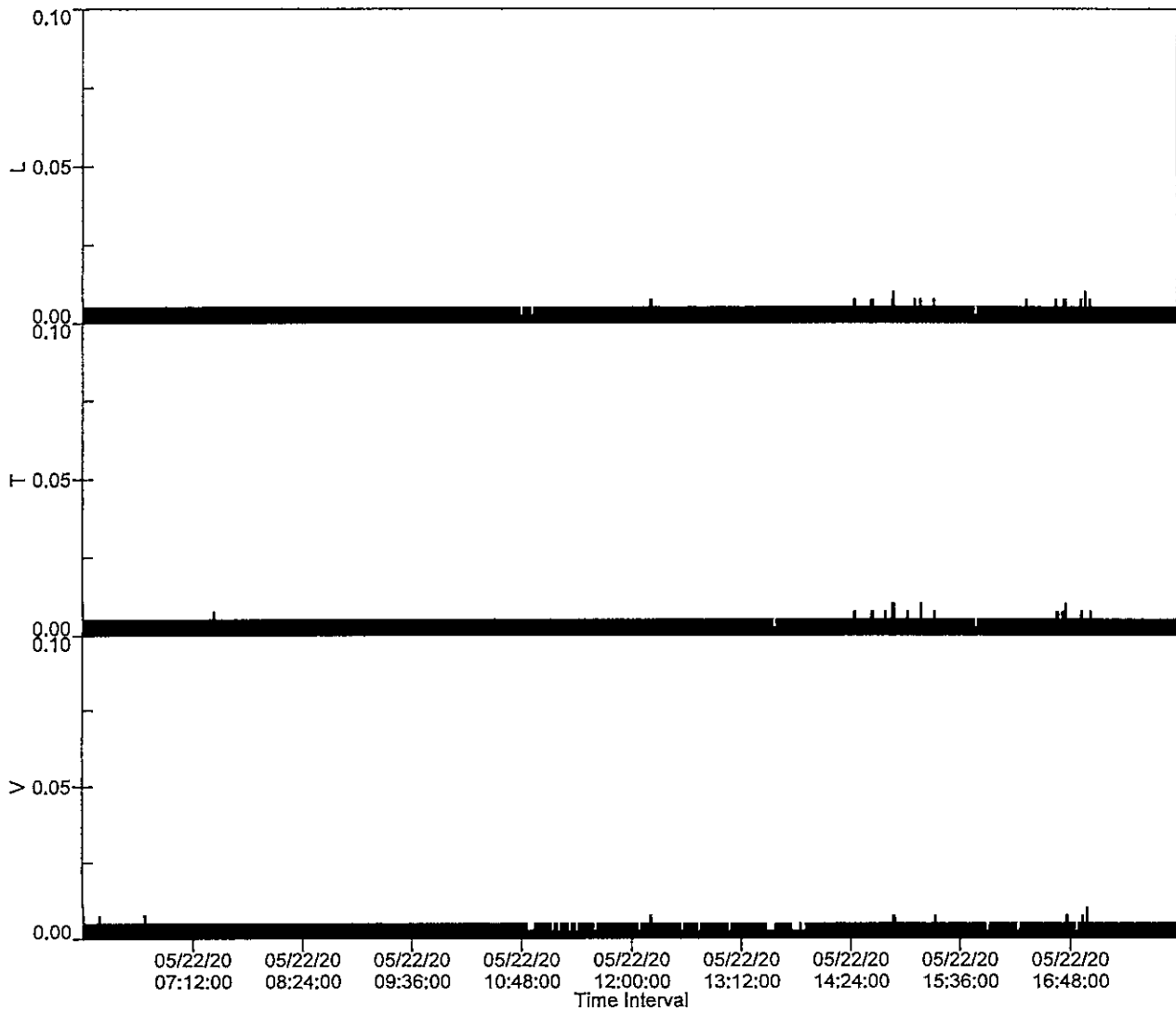
	L	T	V
PPV (in/s)	0.010	0.010	0.010
FREQ (Hz)	11.4	8.3	10.6
Peak Air Pressure: 78 db			
Recording Time: 718 minutes			
Sample Size: 1440			
Interval Size: 60 seconds			

Additional Info:

Shaketable Calibrated: 04/07/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 17

Record Max PPV: 0.010 in/s Record Max DB: 78 db



SN: 3775 v3.22  
 Date: 05/23/2020 Time: 06:01:00  
 Event: 18  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #6 WSNSP  
 Distance: 25.  
 Operator: CTI INC  
 Comment: 2412 MEADOW DRIVE

**Continuous Monitor Recording**

**Summary Data**

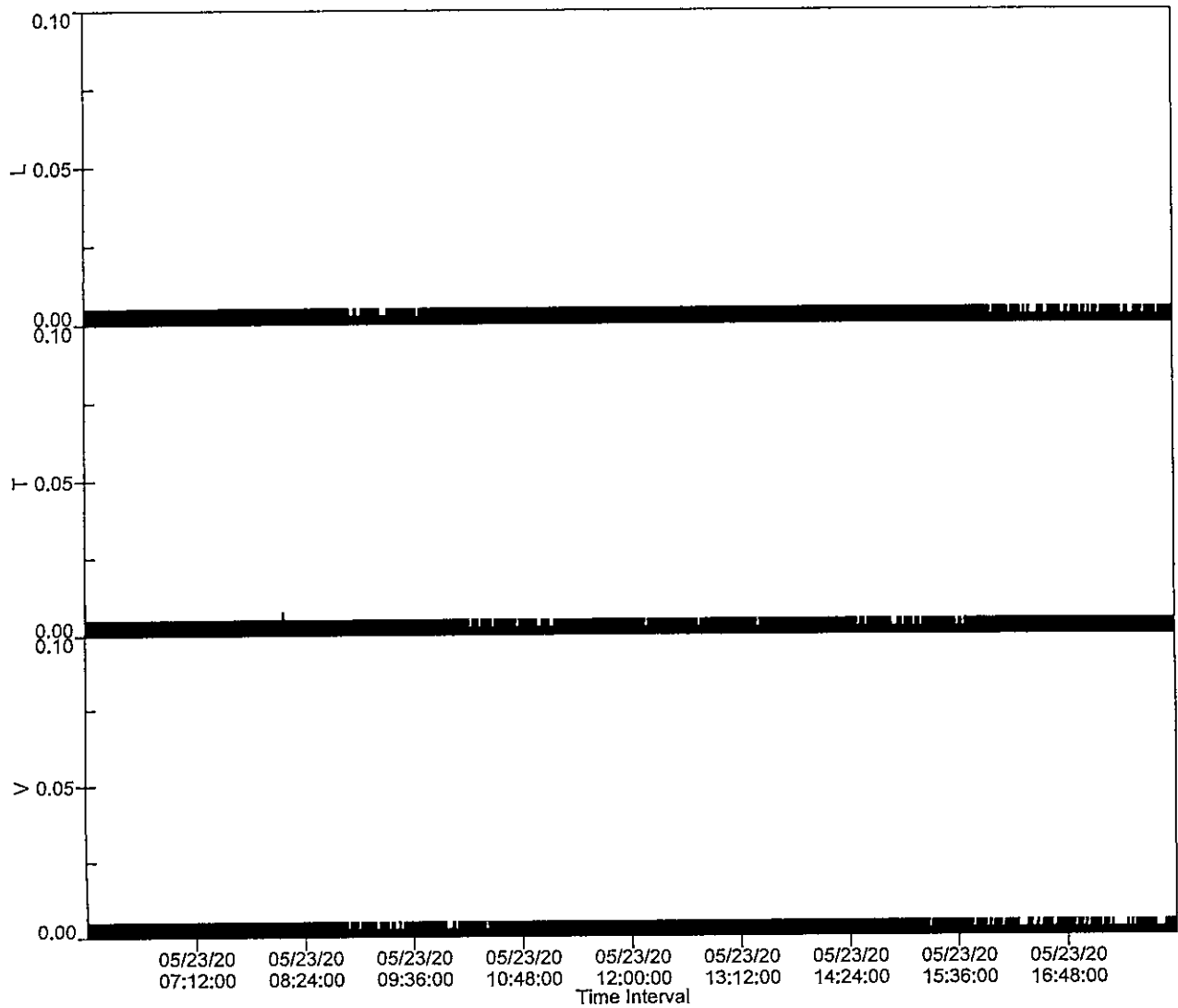
	L	T	V
PPV (in/s)	0.008	0.010	0.008
FREQ (Hz)	4.7	2.3	.3
Peak Air Pressure: 84 db			
Recording Time: 718 minutes			
Sample Size: 1440			
Interval Size: 60 seconds			

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 18

Record Max PPV: 0.010 in/s Record Max DB: 84 db



**SN:** 3775 v3.22  
**Date:** 05/24/2020 **Time:** 06:01:00  
**Event:** 19  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #6 WSNP  
**Distance:** 25.  
**Operator:** CTI INC  
**Comment:** 2412 MEADOW DRIVE

**Continuous Monitor Recording  
Summary Data**

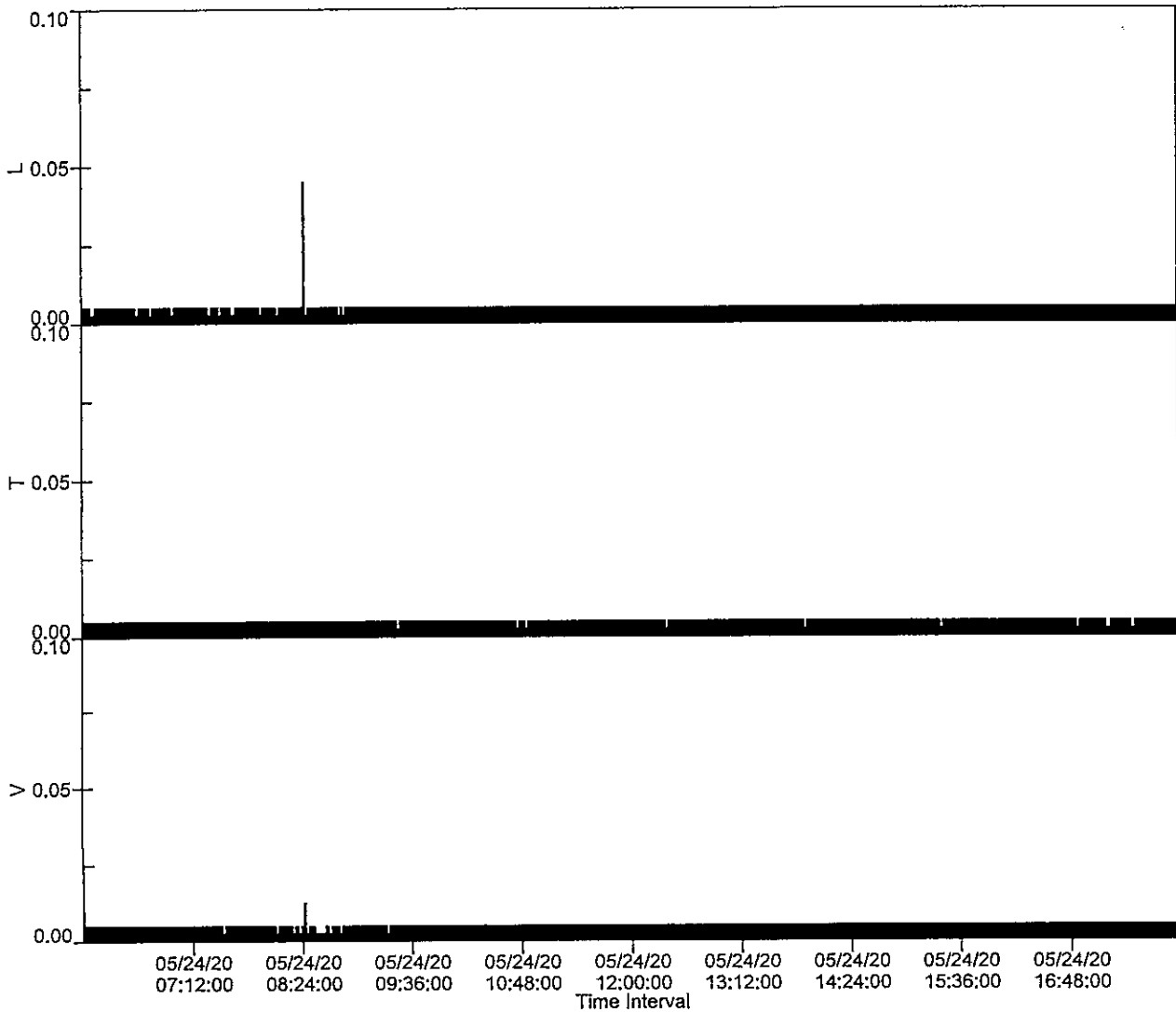
	L	T	V
PPV (in/s)	0.045	0.010	0.013
FREQ (Hz)	55.6	2.8	55.6
Peak Air Pressure:	82 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 04/07/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3775 Event: 19

Record Max PPV: 0.045 in/s Record Max DB: 82 db







**SN:** 3733 v3.22  
**Date:** 05/11/2020 **Time:** 06:01:00  
**Event:** 5  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #7 WSNP  
**Distance:** 10.  
**Operator:** CTI INC  
**Comment:** SW CORNER BEND

**Continuous Monitor Recording  
Summary Data**

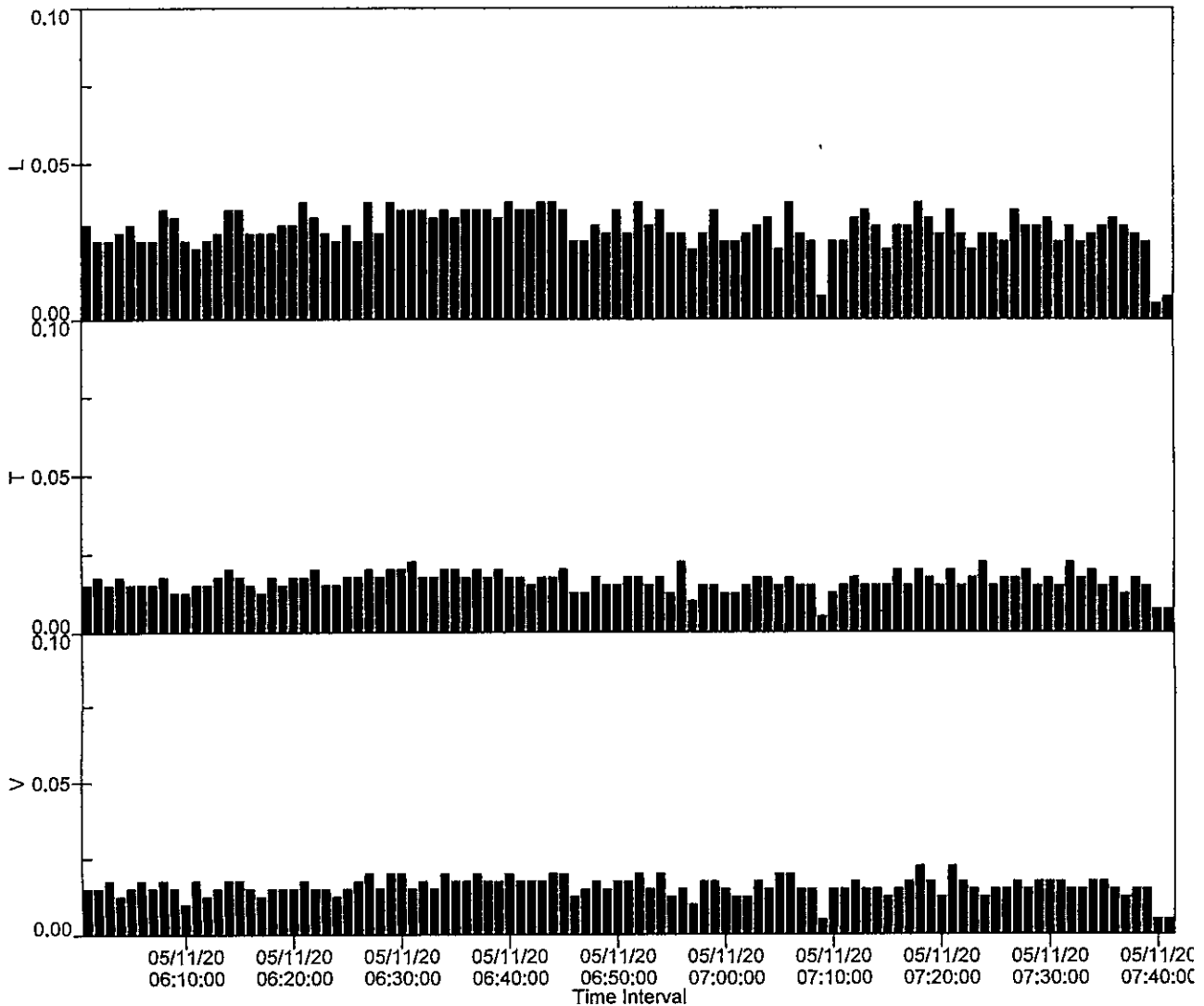
	L	T	V
PPV (in/s)	0.038	0.023	0.023
FREQ (Hz)	250.0	500.0	250.0
Peak Air Pressure:	101 db		
Recording Time:	101 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 03/27/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 5

Record Max PPV: 0.038 in/s Record Max DB: 101 db



**SN:** 3733 v3.22  
**Date:** 05/11/2020 Time: 07:46:00  
**Event:** 6  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #7 WSNP  
**Distance:** 10.  
**Operator:** CTI INC  
**Comment:** SW CORNER BEND

**Continuous Monitor Recording**  
**Summary Data**

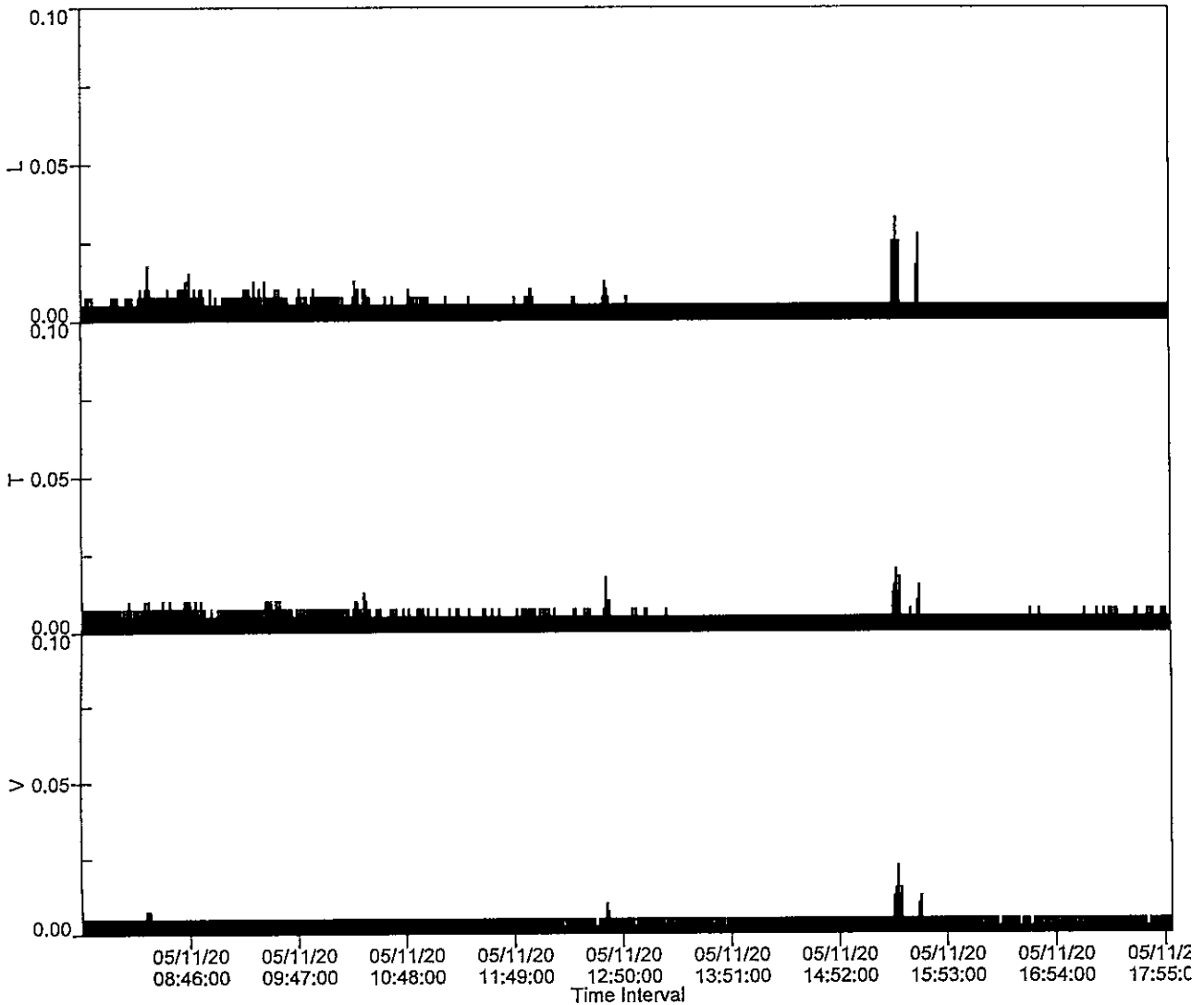
	L	T	V
PPV (in/s)	0.033	0.020	0.023
FREQ (Hz)	250.0	250.0	500.0
Peak Air Pressure:	103 db		
Recording Time:	613 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 03/27/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 6

Record Max PPV: 0.033 in/s Record Max DB: 103 db



**SN:** 3733 v3.22  
**Date:** 05/12/2020 **Time:** 06:01:00  
**Event:** 7  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #7 WSNP  
**Distance:** 10.  
**Operator:** CTI INC  
**Comment:** SW CORNER BEND

**Continuous Monitor Recording  
Summary Data**

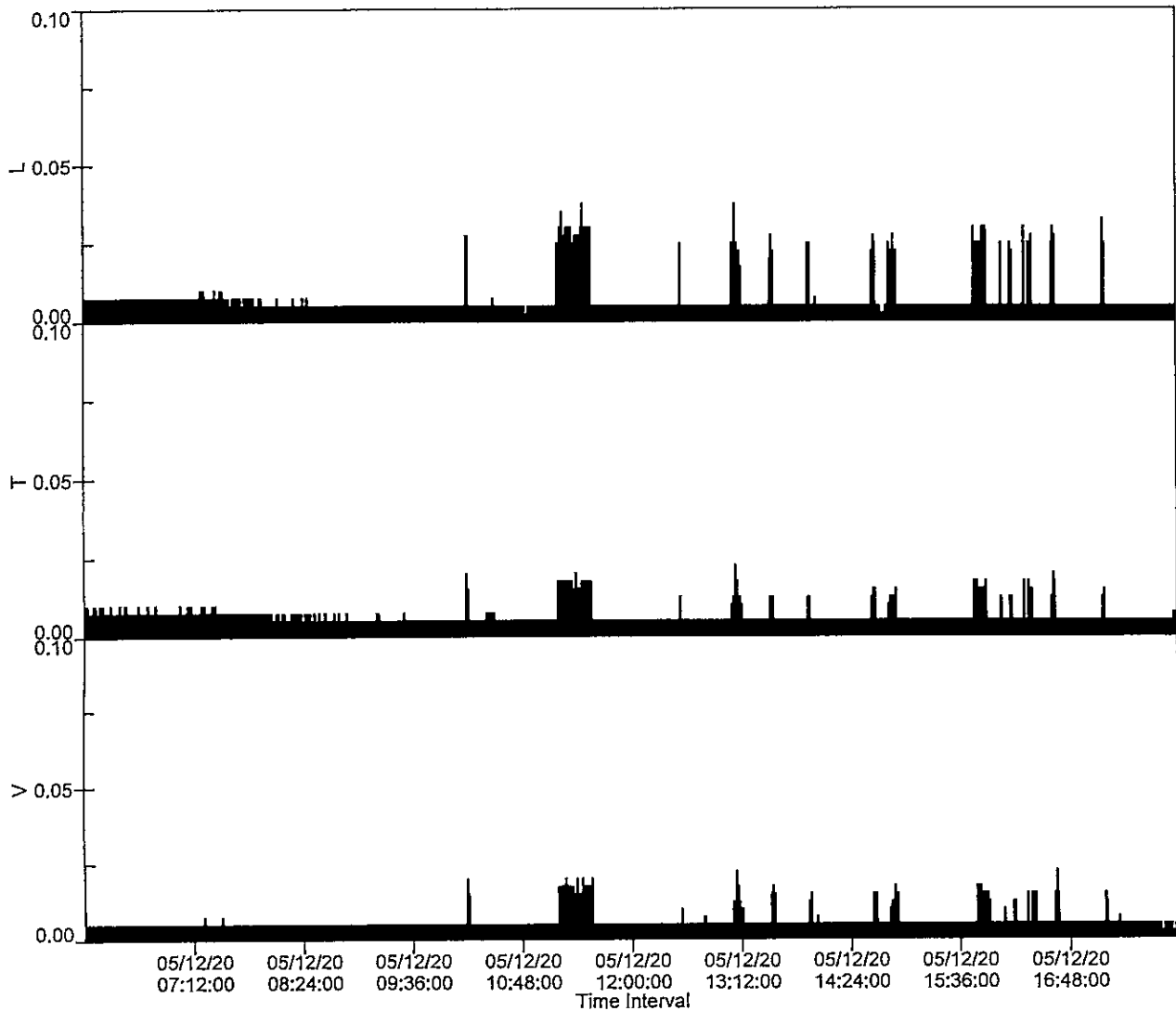
	L	T	V
PPV (in/s)	0.038	0.023	0.023
FREQ (Hz)	71.4	500.0	500.0
Peak Air Pressure:	109 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 03/27/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 7

Record Max PPV: 0.038 in/s Record Max DB: 109 db



SN: 3733 v3.22  
 Date: 05/13/2020 Time: 06:01:00  
 Event: 8  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #7 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW CORNER BEND

Continuous Monitor Recording

Summary Data

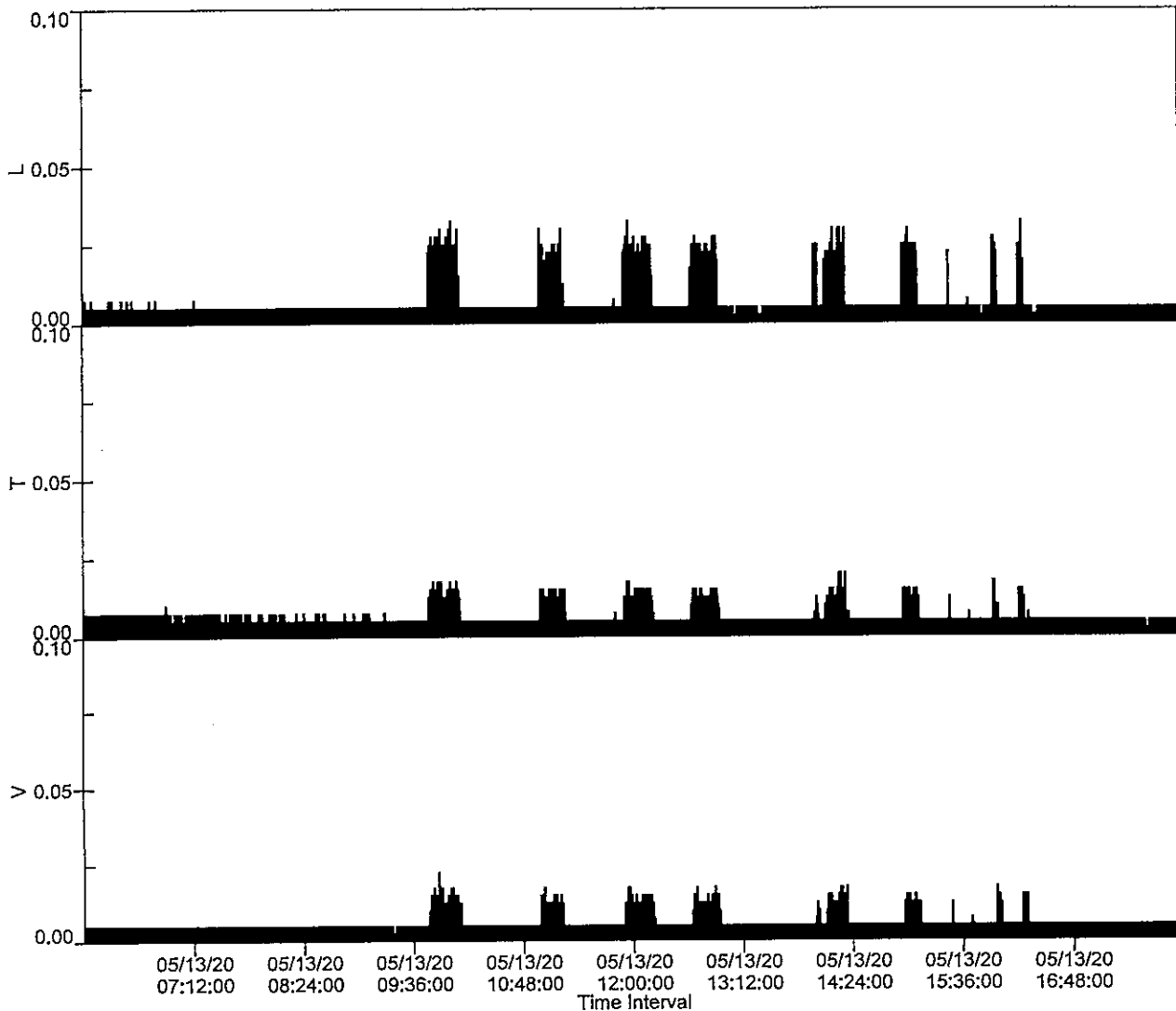
	L	T	V
PPV (in/s)	0.033	0.020	0.023
FREQ (Hz)	166.7	500.0	250.0
Peak Air Pressure: 105 db			
Recording Time: 718 minutes			
Sample Size: 1440			
Interval Size: 60 seconds			

Additional Info:

Shaketable Calibrated: 03/27/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 8

Record Max PPV: 0.033 in/s Record Max DB: 105 db



SN: 3733 v3.22  
 Date: 05/14/2020 Time: 06:01:00  
 Event: 9  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #7 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW CORNER BEND

Continuous Monitor Recording

Summary Data

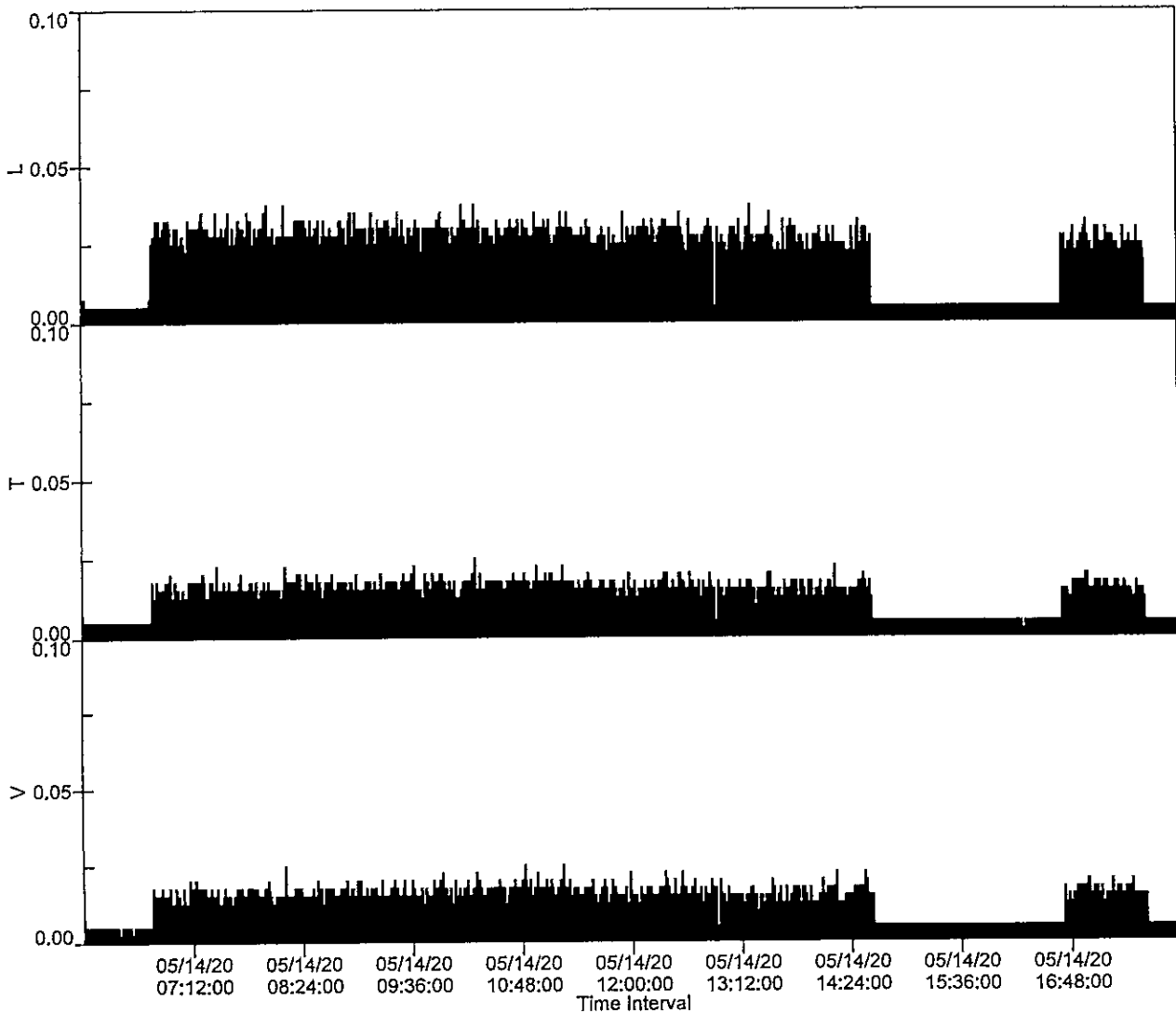
	L	T	V
PPV (in/s)	0.038	0.025	0.025
FREQ (Hz)	250.0	166.7	250.0
Peak Air Pressure:	106 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 03/27/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 9

Record Max PPV: 0.038 in/s Record Max DB: 106 db



SN: 3733 v3.22  
 Date: 05/15/2020 Time: 06:01:00  
 Event: 10  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #7 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW CORNER BEND

Continuous Monitor Recording  
Summary Data

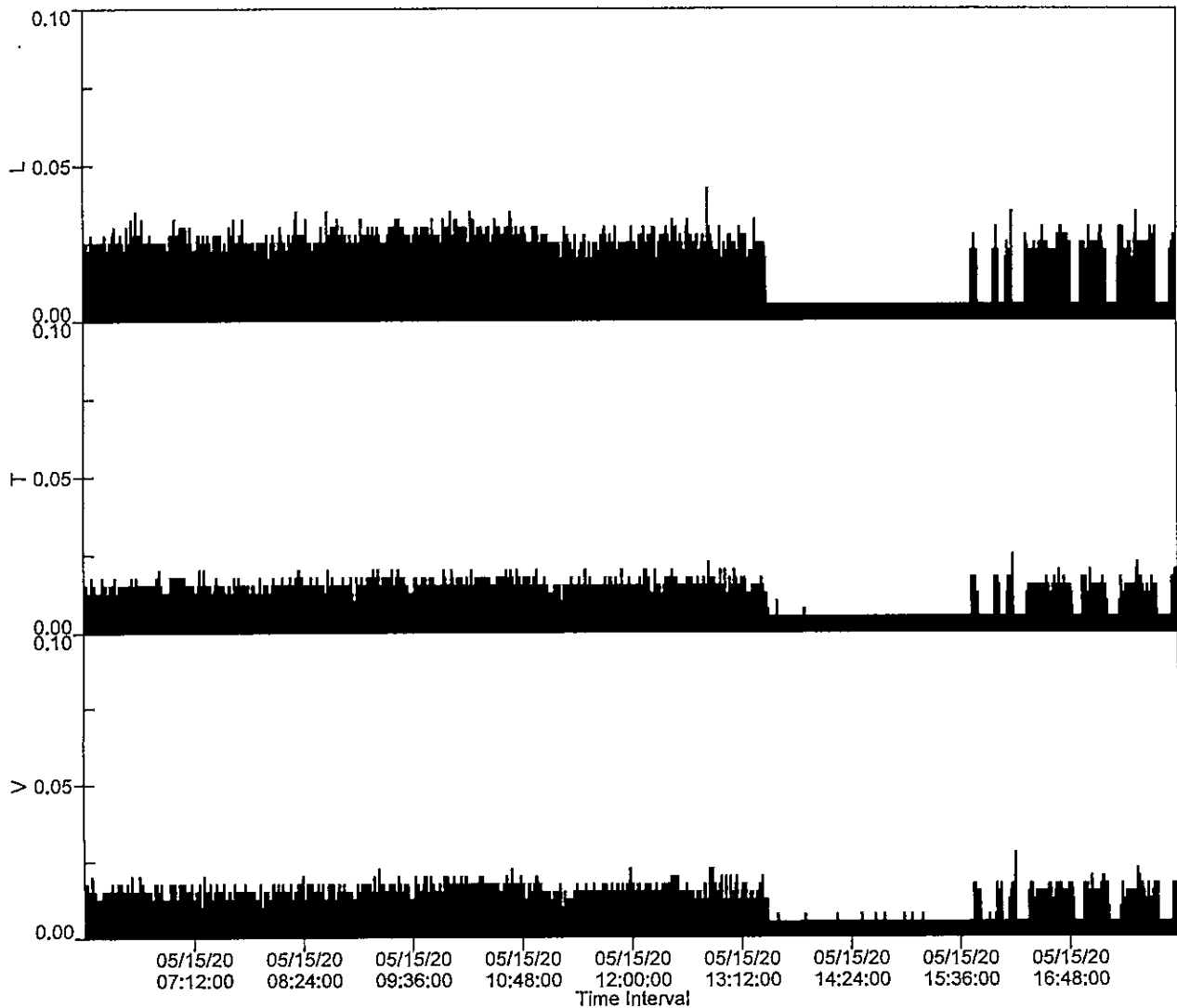
	L	T	V
PPV (in/s)	0.043	0.025	0.028
FREQ (Hz)	250.0	500.0	250.0
Peak Air Pressure:	110 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 03/27/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 10

Record Max PPV: 0.043 in/s Record Max DB: 110 db



SN: 3733 v3.22  
 Date: 05/16/2020 Time: 06:01:00  
 Event: 11  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #7 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW CORNER BEND

Continuous Monitor Recording  
Summary Data

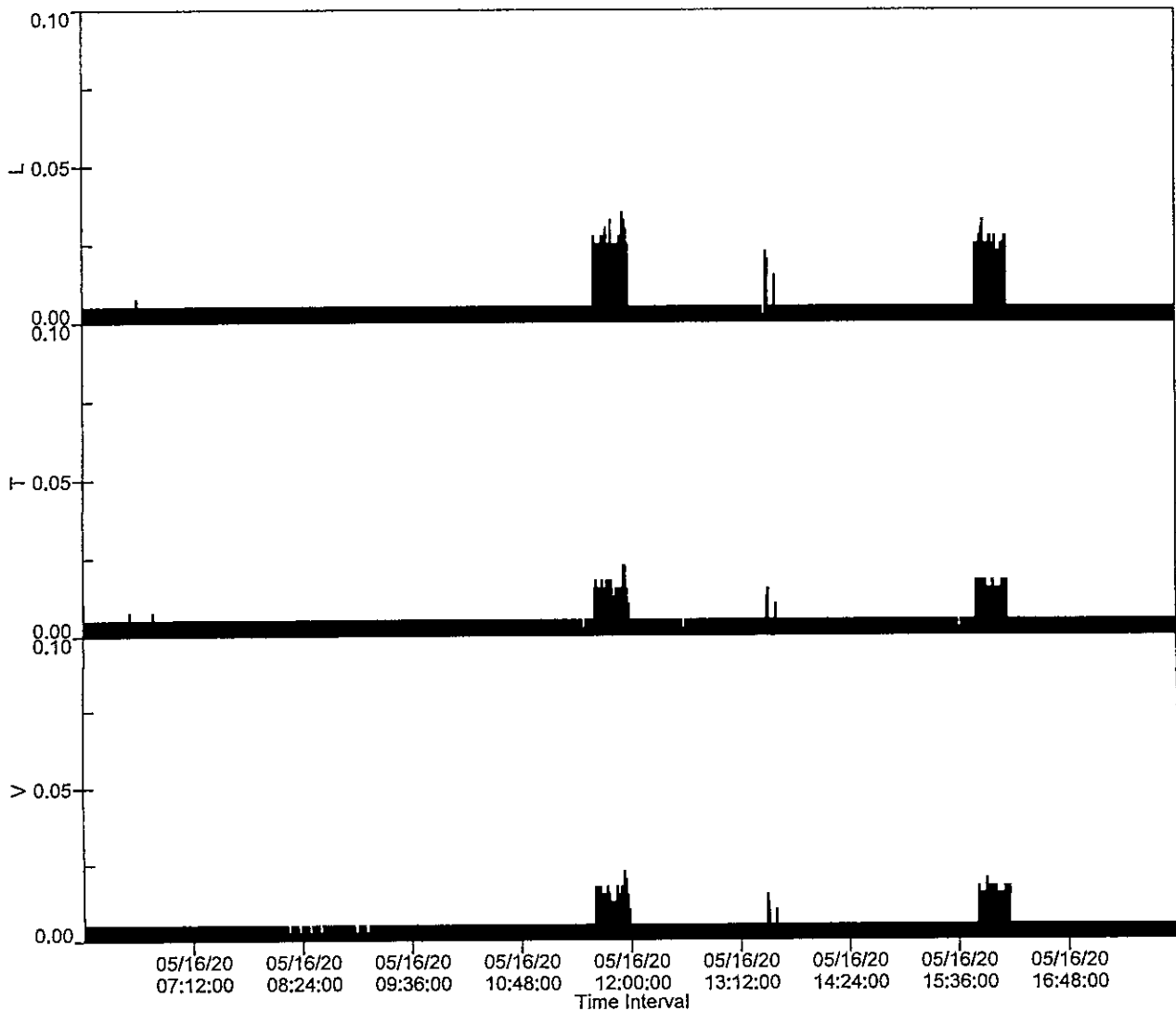
	L	T	V
PPV (in/s)	0.035	0.023	0.023
FREQ (Hz)	250.0	250.0	500.0
Peak Air Pressure:	108 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 03/27/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 11

Record Max PPV: 0.035 in/s Record Max DB: 108 db



SN: 3733 v3.22  
 Date: 05/17/2020 Time: 06:01:00  
 Event: 12  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #7 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW CORNER BEND

Continuous Monitor Recording  
Summary Data

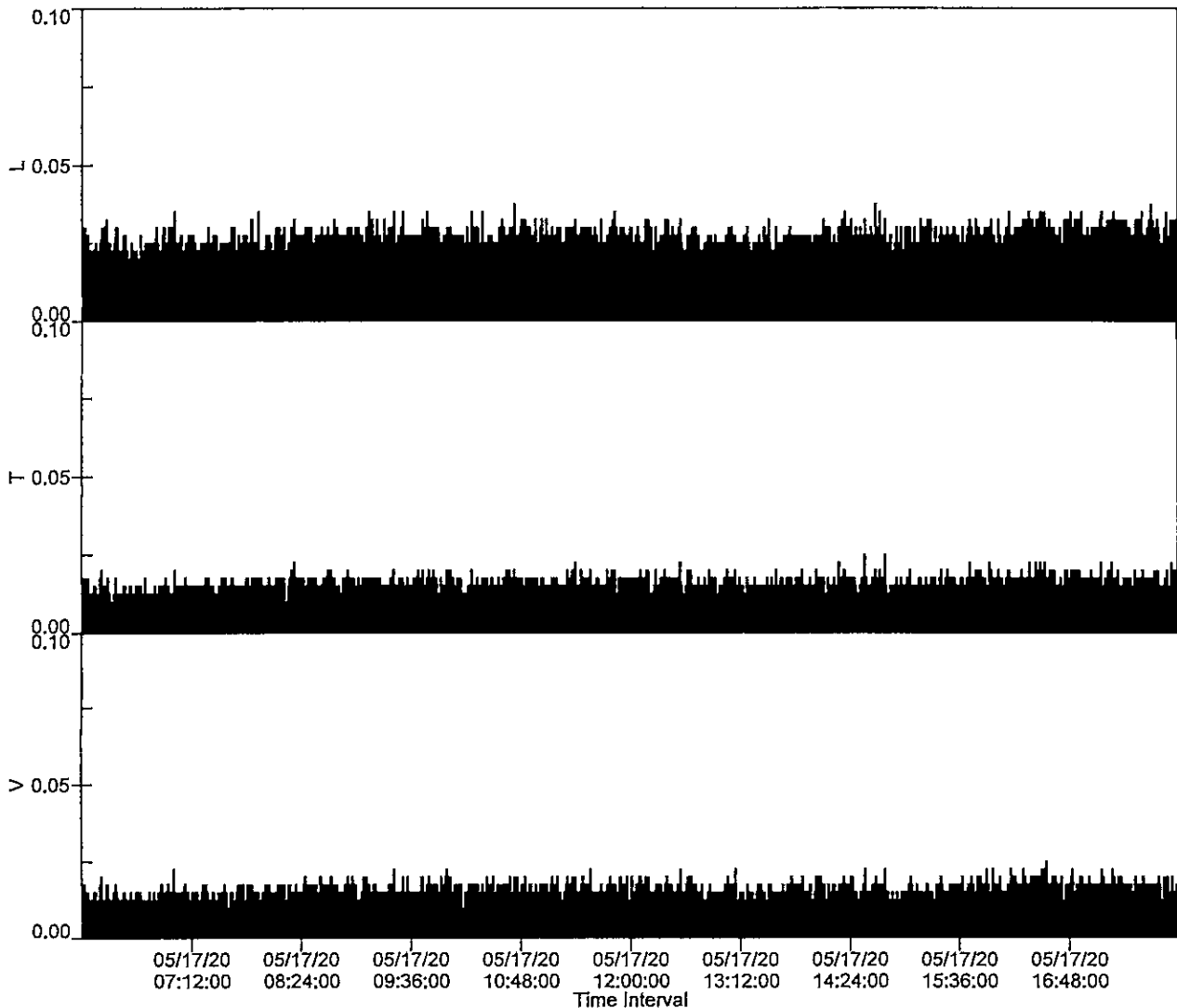
	L	T	V
PPV (in/s)	0.038	0.025	0.025
FREQ (Hz)	250.0	166.7	250.0
Peak Air Pressure:	106 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 03/27/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 12

Record Max PPV: 0.038 in/s Record Max DB: 106 db





SN: 3733 v3.22  
 Date: 05/18/2020 Time: 06:01:00  
 Event: 13  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #7 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW CORNER BEND

Continuous Monitor Recording  
Summary Data

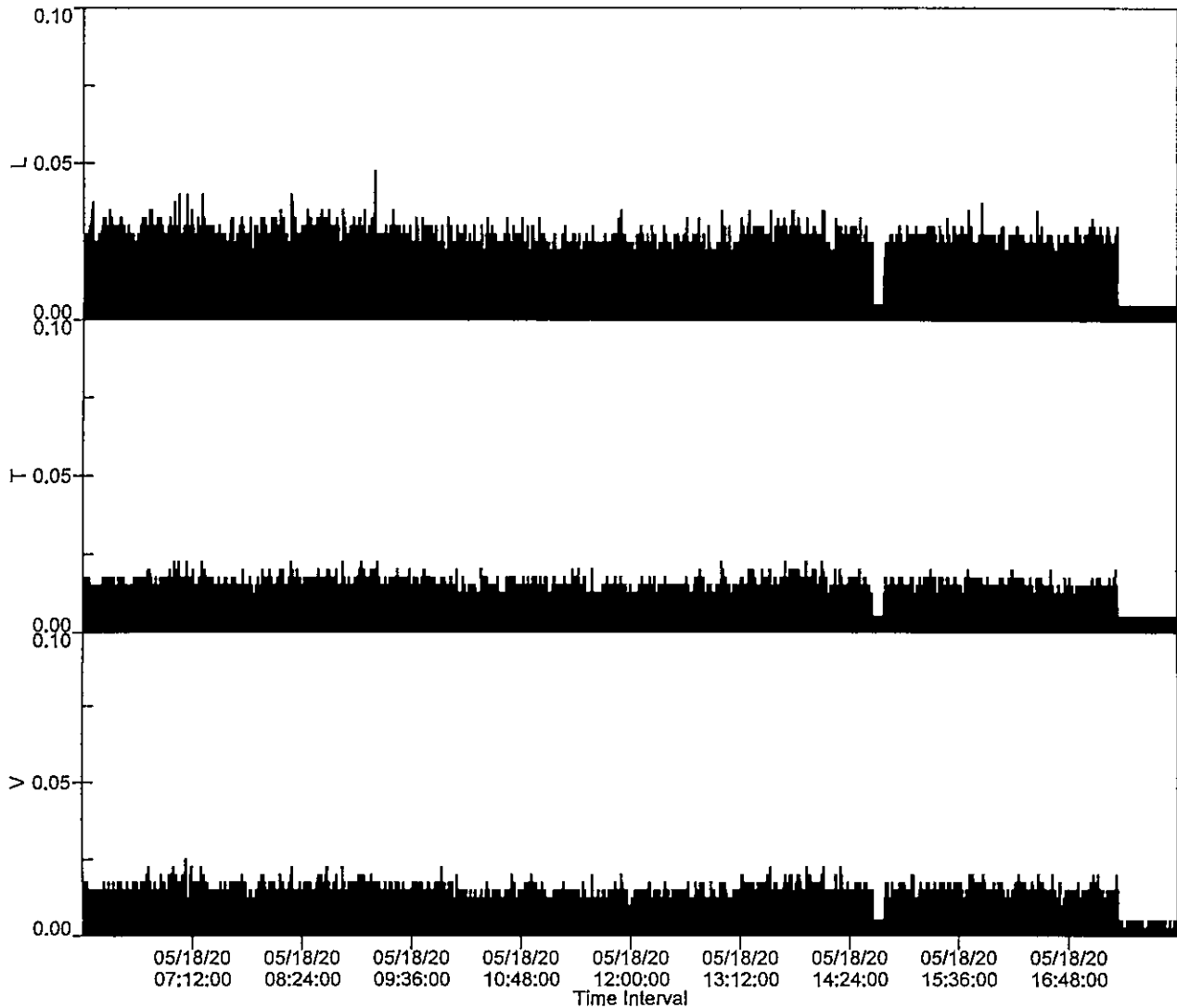
	L	T	V
PPV (in/s)	0.048	0.023	0.025
FREQ (Hz)	25.0	166.7	250.0
Peak Air Pressure:	108 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 03/27/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 13

Record Max PPV: 0.048 in/s Record Max DB: 108 db



SN: 3733 v3.22  
 Date: 05/19/2020 Time: 06:01:00  
 Event: 14  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #7 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW CORNER BEND

Continuous Monitor Recording  
Summary Data

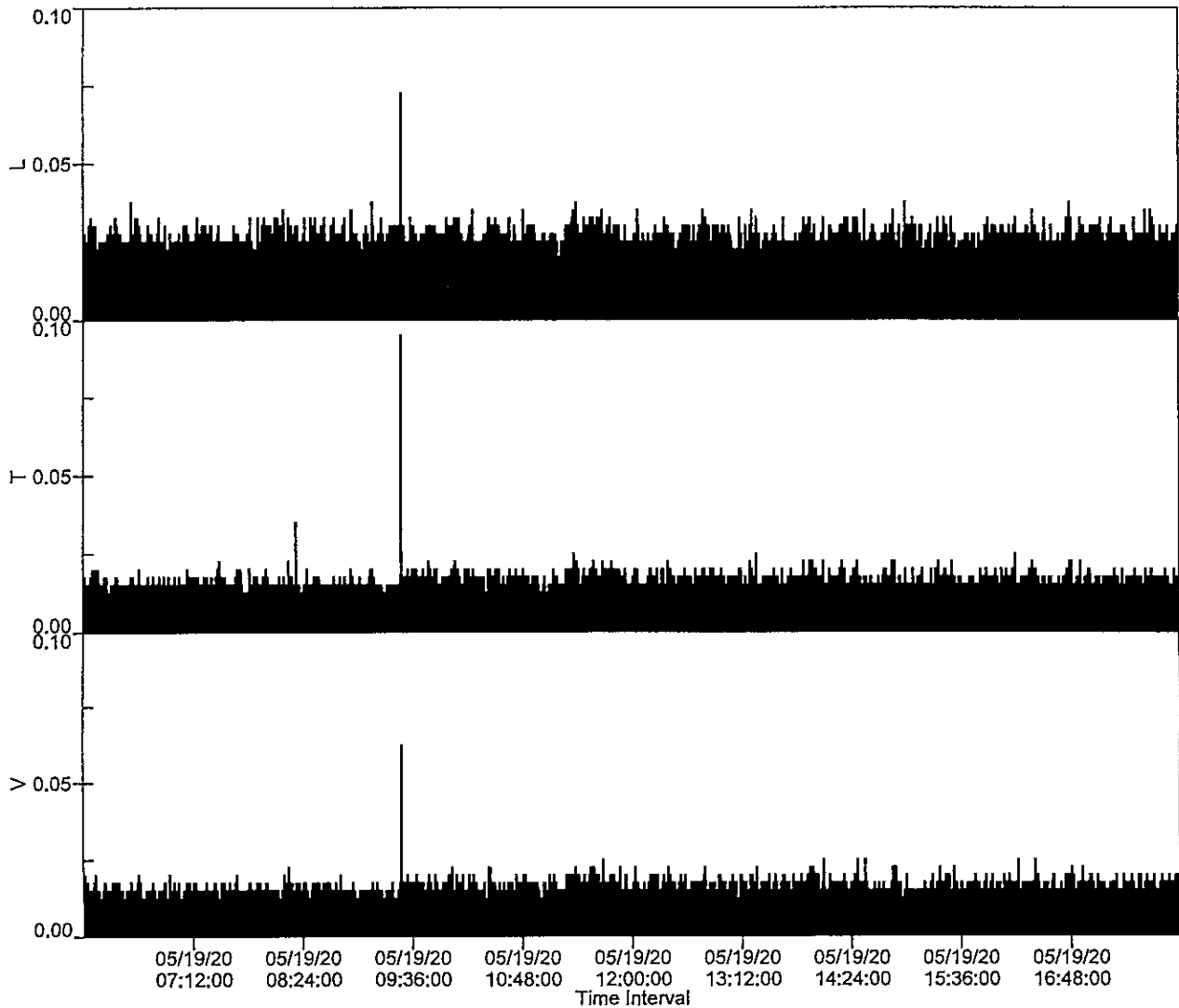
	L	T	V
PPV (in/s)	0.073	0.095	0.063
FREQ (Hz)	31.3	38.5	31.3
Peak Air Pressure:	106 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 03/27/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 14

Record Max PPV: 0.095 in/s Record Max DB: 106 db



SN: 3733 v3.22  
 Date: 05/20/2020 Time: 06:01:00  
 Event: 15  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #7 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW CORNER BEND

**Continuous Monitor Recording**  
**Summary Data**

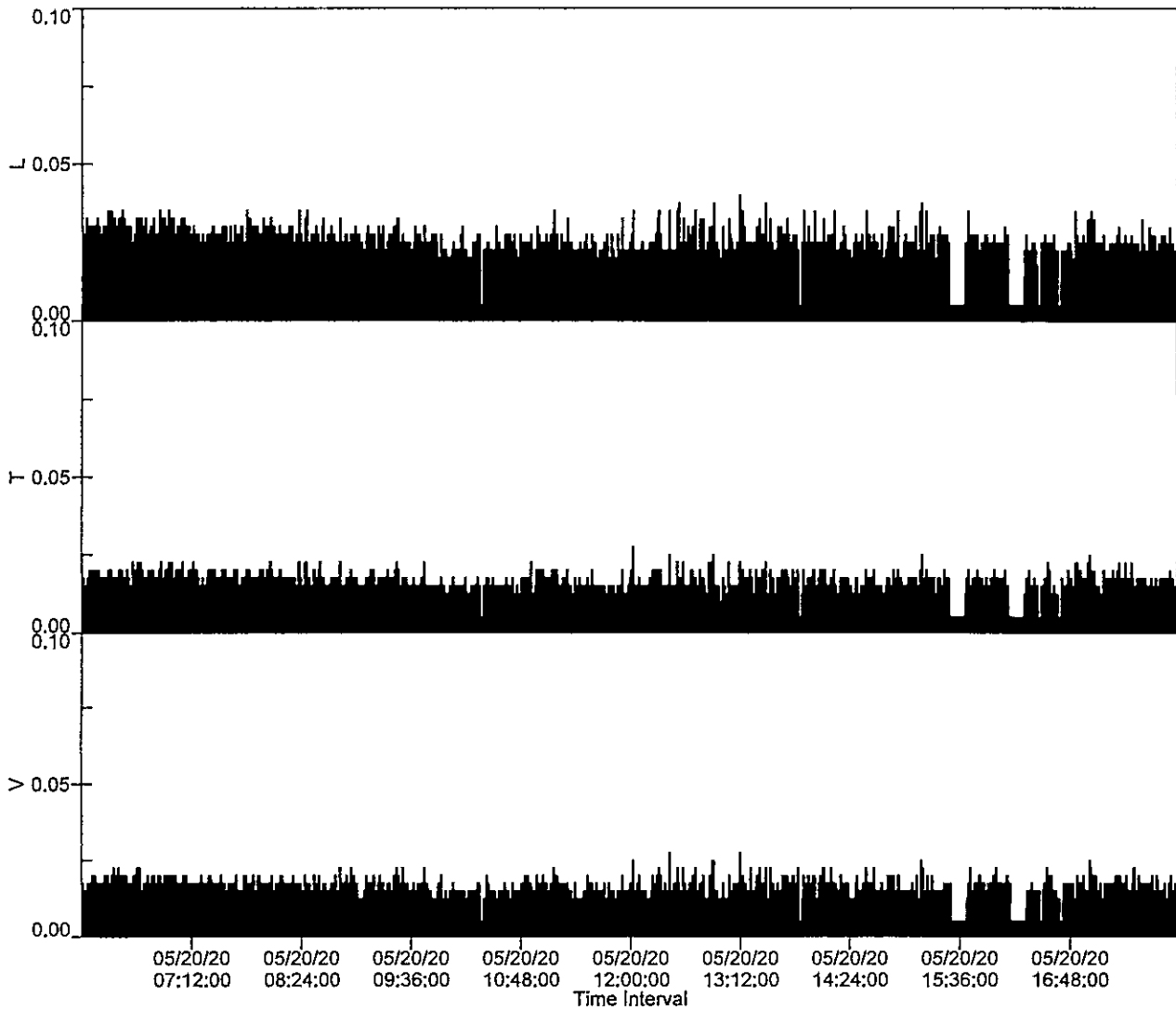
	L	T	V
PPV (in/s)	0.040	0.028	0.028
FREQ (Hz)	250.0	500.0	500.0
Peak Air Pressure:	110 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

Shaketable Calibrated: 03/27/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 15

Record Max PPV: 0.040 in/s Record Max DB: 110 db



SN: 3733 v3.22  
 Date: 05/21/2020 Time: 06:01:00  
 Event: 16  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #7 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW CORNER BEND

**Continuous Monitor Recording**

**Summary Data**

	L	T	V
PPV (in/s)	0.043	0.025	0.028
FREQ (Hz)	500.0	500.0	250.0
Peak Air Pressure:	111 db		

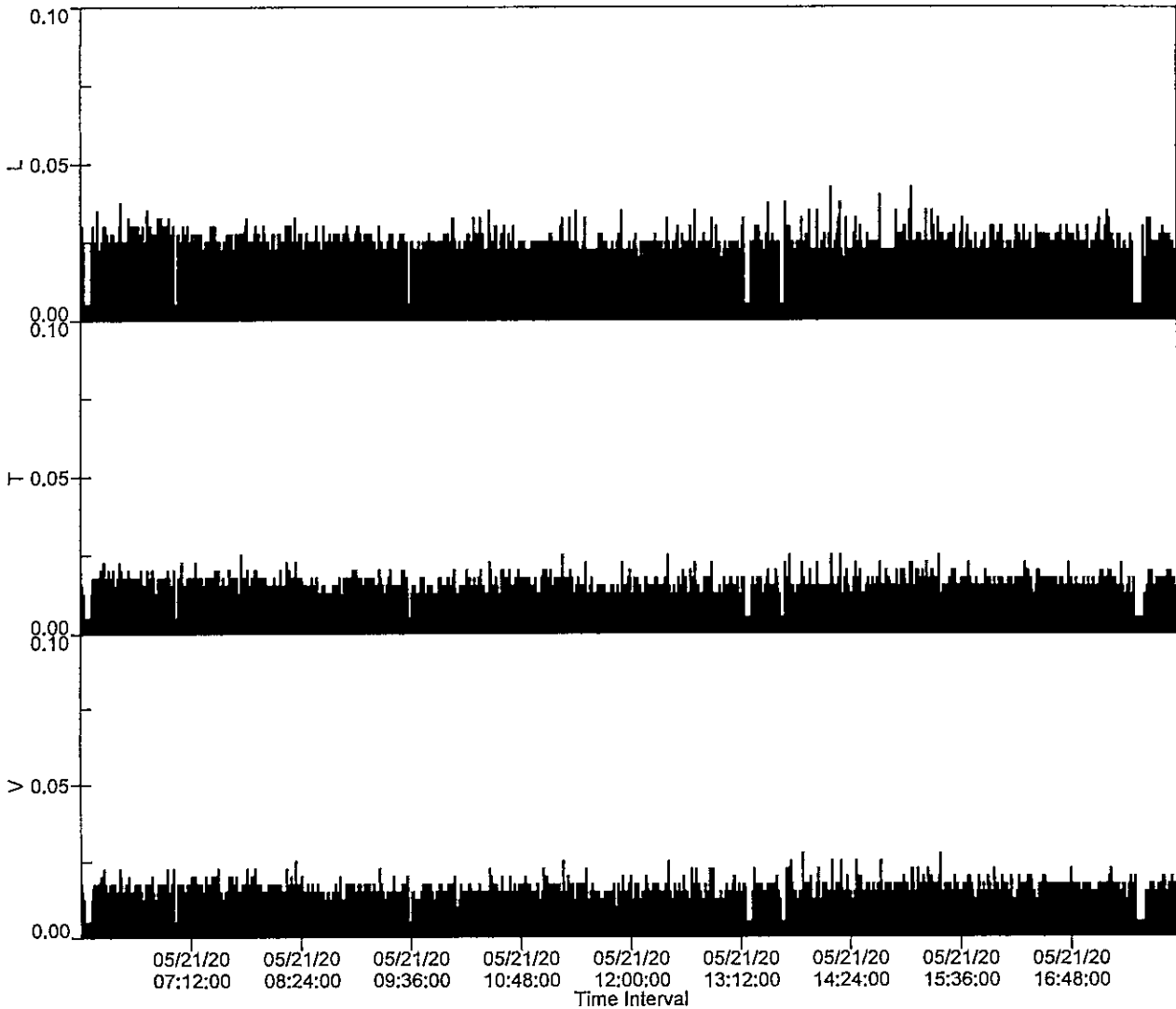
Recording Time: 718 minutes  
 Sample Size: 1440  
 Interval Size: 60 seconds

**Additional Info:**

Shaketable Calibrated: 03/27/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 16

Record Max PPV: 0.043 in/s Record Max DB: 111 db



SN: 3733 v3.22  
 Date: 05/22/2020 Time: 06:01:00  
 Event: 17  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #7 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW CORNER BEND

Continuous Monitor Recording  
Summary Data

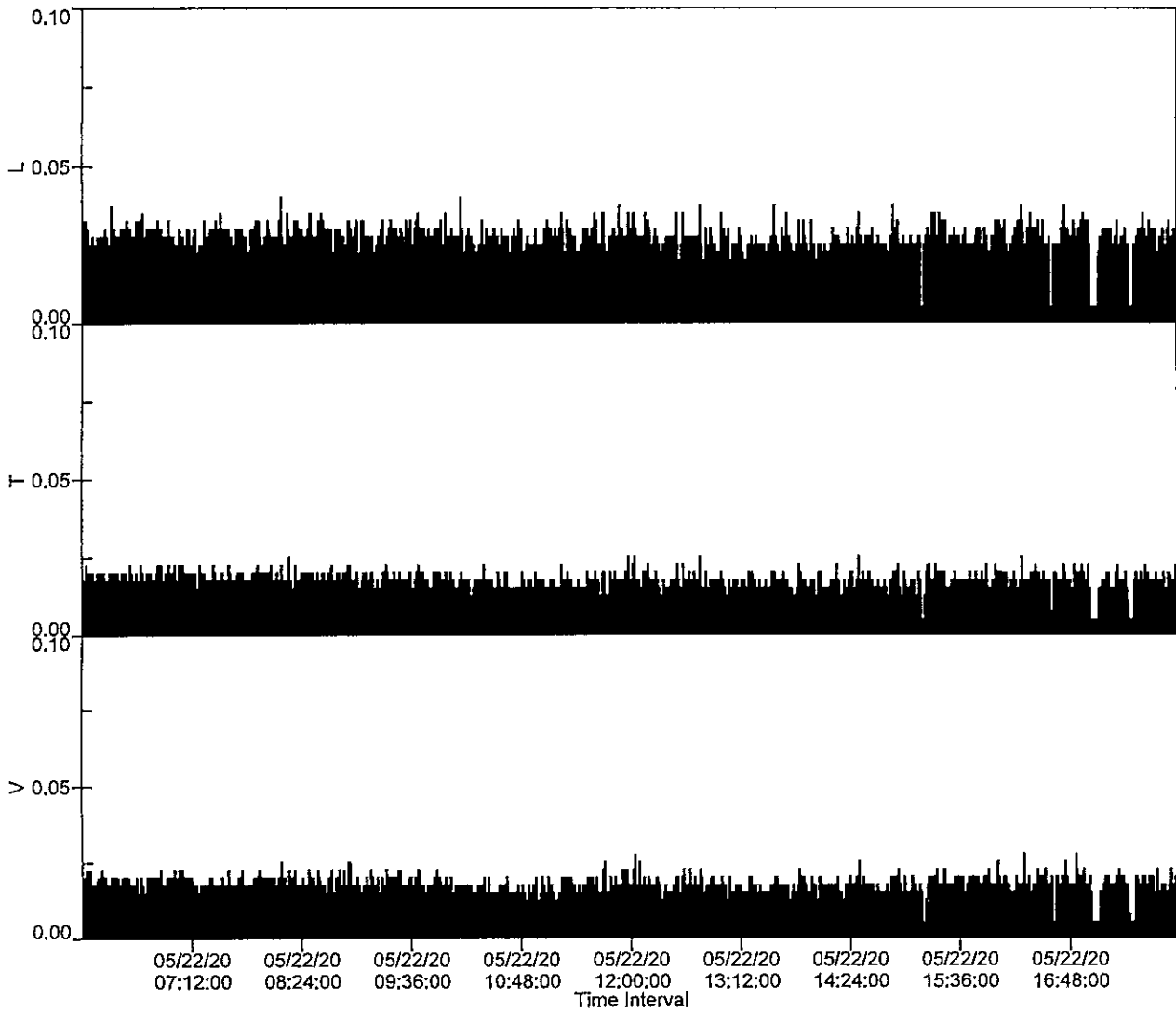
	L	T	V
PPV (in/s)	0.040	0.025	0.028
FREQ (Hz)	83.3	125.0	500.0
Peak Air Pressure:	110 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 03/27/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 17

Record Max PPV: 0.040 in/s Record Max DB: 110 db



SN: 3733 v3.22  
 Date: 05/23/2020 Time: 06:01:00  
 Event: 18  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #7 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW CORNER BEND

Continuous Monitor Recording  
Summary Data

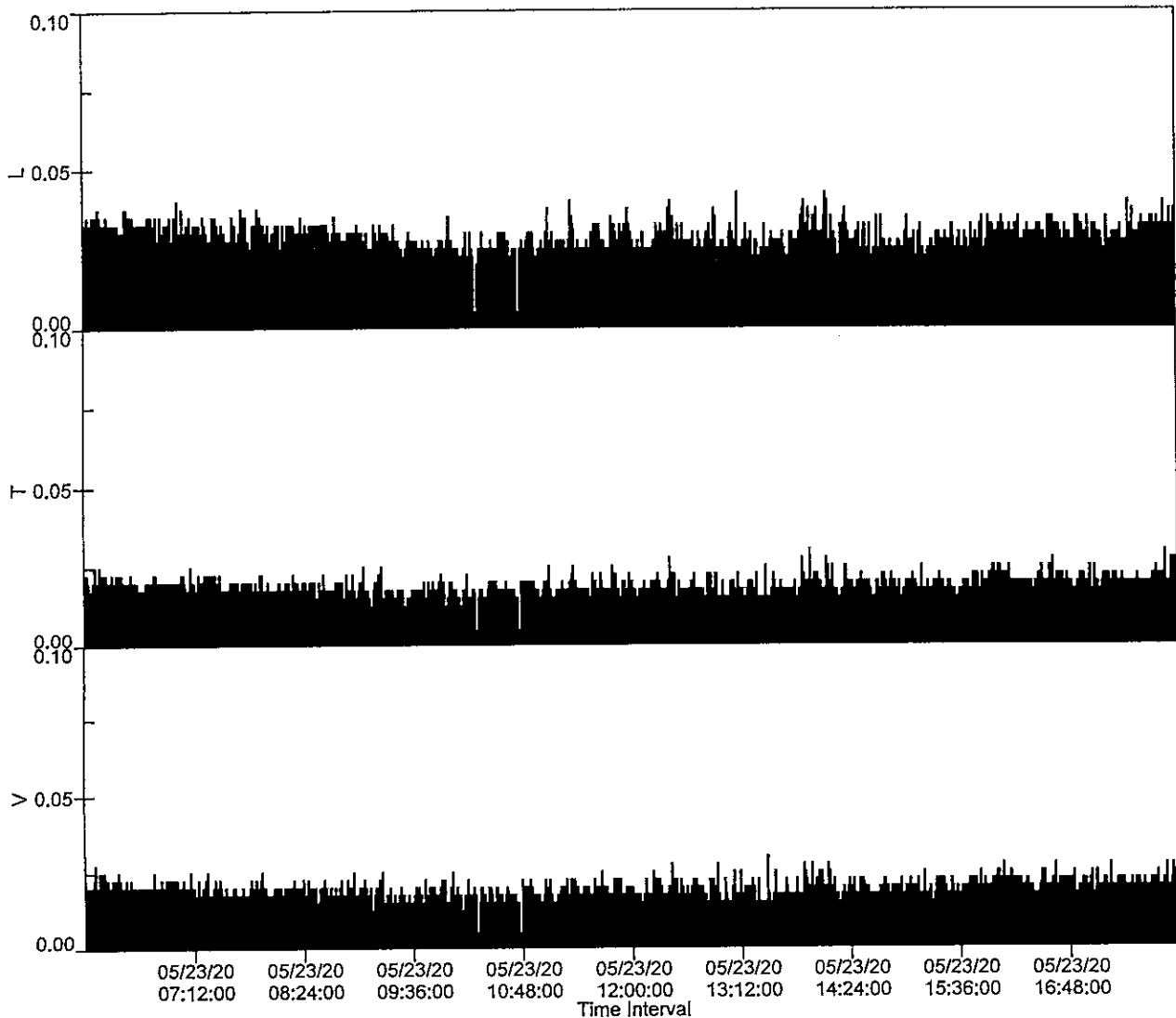
	L	T	V
PPV (in/s)	0.043	0.030	0.030
FREQ (Hz)	250.0	250.0	125.0
Peak Air Pressure:	111 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 03/27/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 3733 Event: 18

Record Max PPV: 0.043 in/s Record Max DB: 111 db





SN: 8253 v3.67  
 Date: 05/11/2020 Time: 06:01:00  
 Event: 5  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #8 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW UNIT

Continuous Monitor Recording

Summary Data

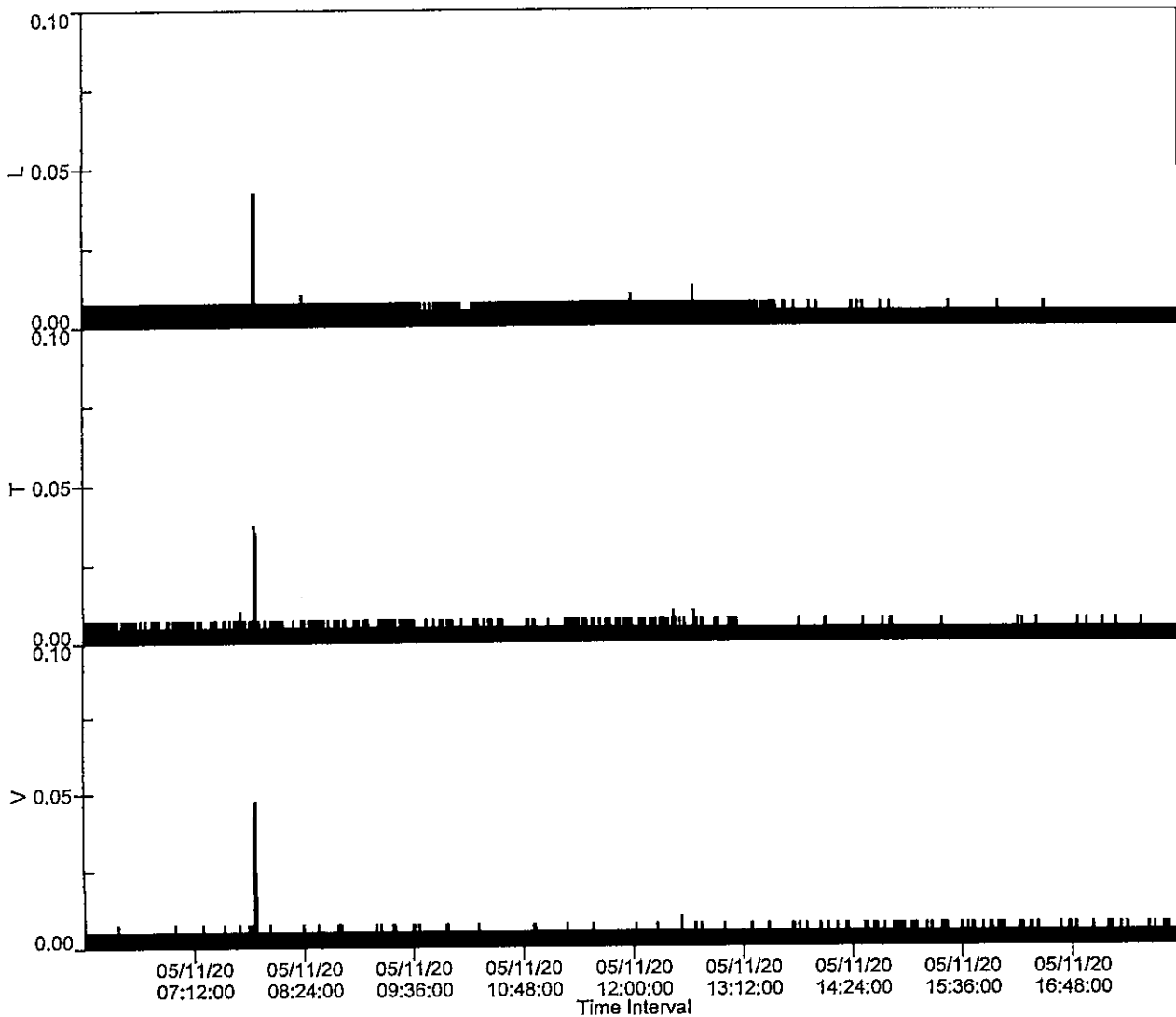
	L	T	V
PPV (in/s)	0.043	0.038	0.048
FREQ (Hz)	250.0	250.0	500.0
Peak Air Pressure:	112 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/15/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 8253 Event: 5

Record Max PPV: 0.048 in/s Record Max DB: 112 db





SN: 8253 v3.67  
 Date: 05/12/2020 Time: 06:01:00  
 Event: 6  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #8 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW UNIT

Continuous Monitor Recording

Summary Data

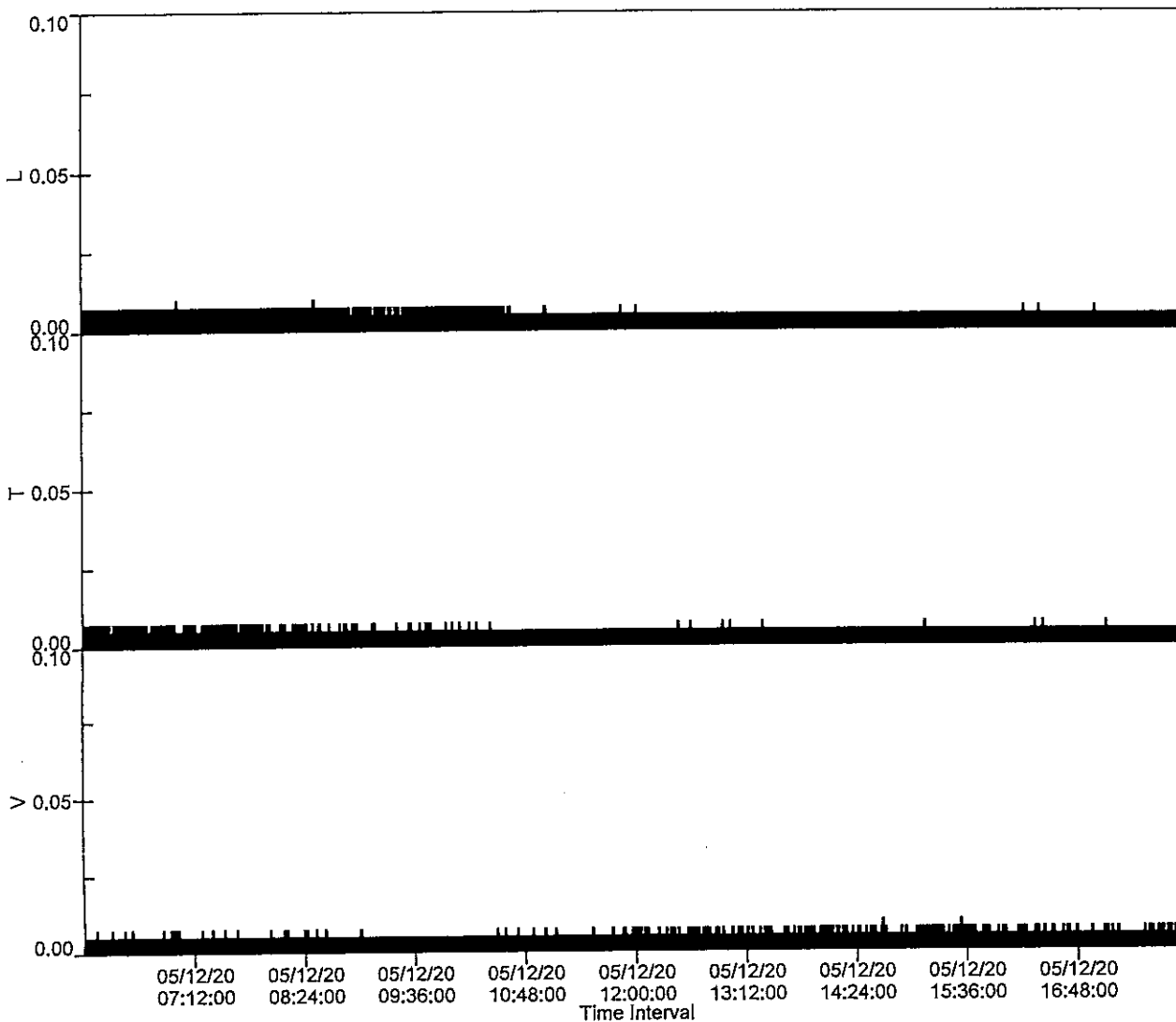
	L	T	V
PPV (in/s)	0.010	0.010	0.010
FREQ (Hz)	.2	7.7	.4
Peak Air Pressure:	113 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/15/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 8253 Event: 6

Record Max PPV: 0.010 in/s Record Max DB: 113 db



SN: 8253 v3.67  
 Date: 05/13/2020 Time: 06:01:00  
 Event: 7  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #8 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW UNIT

Continuous Monitor Recording  
Summary Data

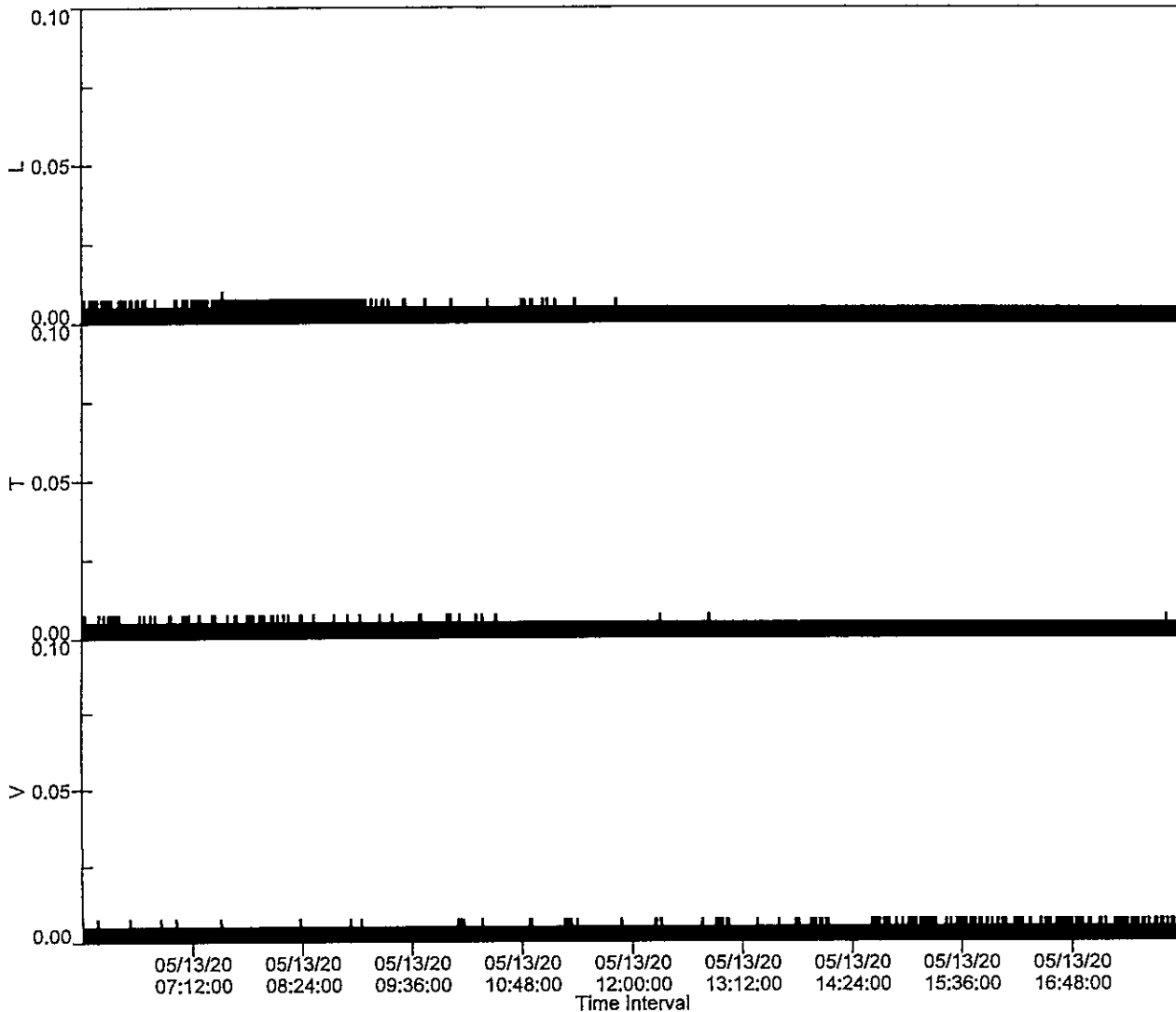
	L	T	V
PPV (in/s)	0.010	0.008	0.010
FREQ (Hz)	.2	166.7	.3
Peak Air Pressure:	111 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/15/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 8253 Event: 7

Record Max PPV: 0.010 in/s Record Max DB: 111 db



SN: 8253 v3.67  
 Date: 05/14/2020 Time: 06:01:00  
 Event: 8  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #8 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW UNIT

Continuous Monitor Recording  
Summary Data

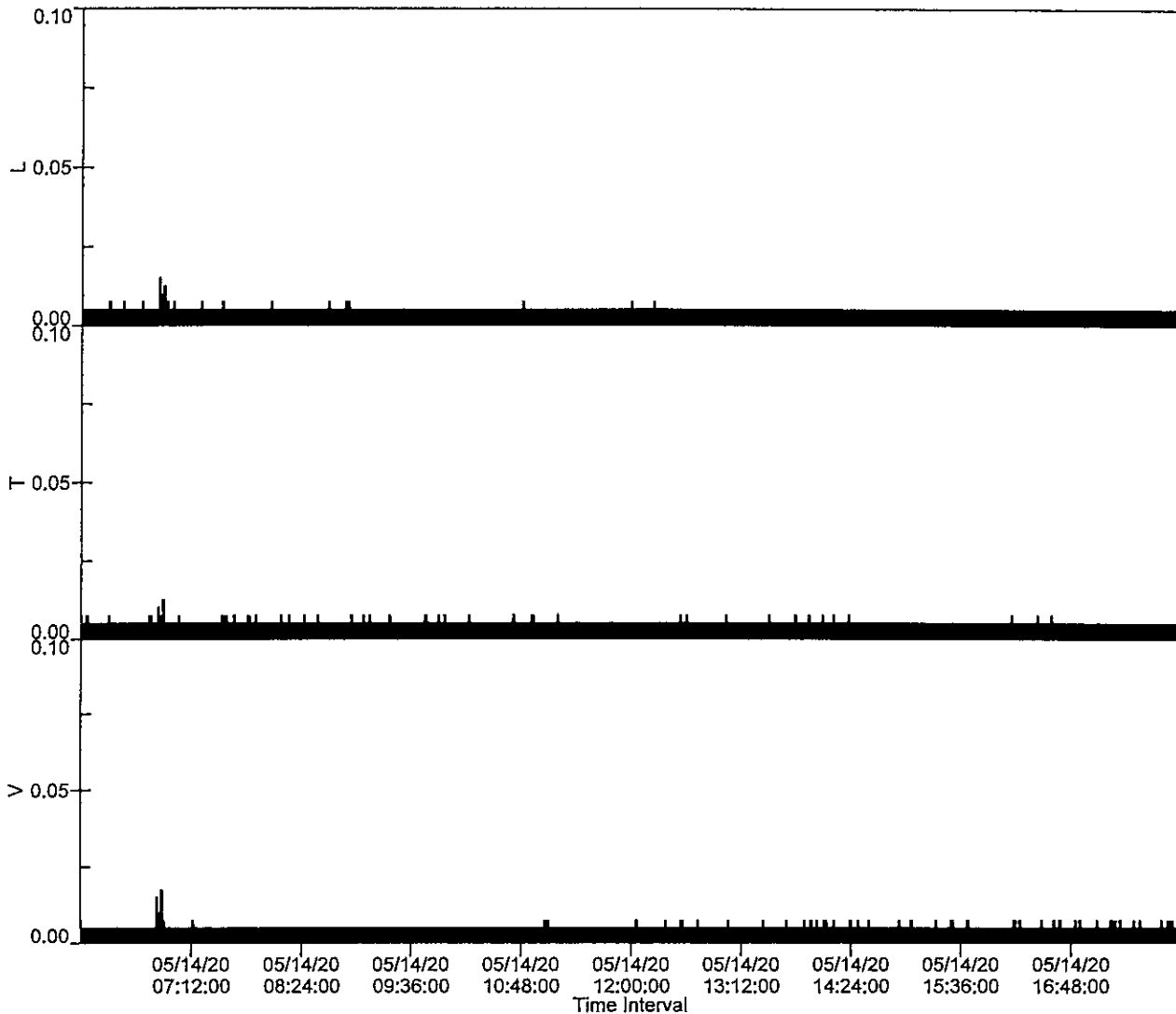
	L	T	V
PPV (in/s)	0.015	0.013	0.018
FREQ (Hz)	62.5	83.3	125.0
Peak Air Pressure:	109 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/15/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 8253 Event: 8

Record Max PPV: 0.018 in/s Record Max DB: 109 db



**SN:** 8253 v3.67  
**Date:** 05/15/2020 **Time:** 06:01:00  
**Event:** 9  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #8 WSNP  
**Distance:** 10.  
**Operator:** CTI INC  
**Comment:** SW UNIT

**Continuous Monitor Recording**

**Summary Data**

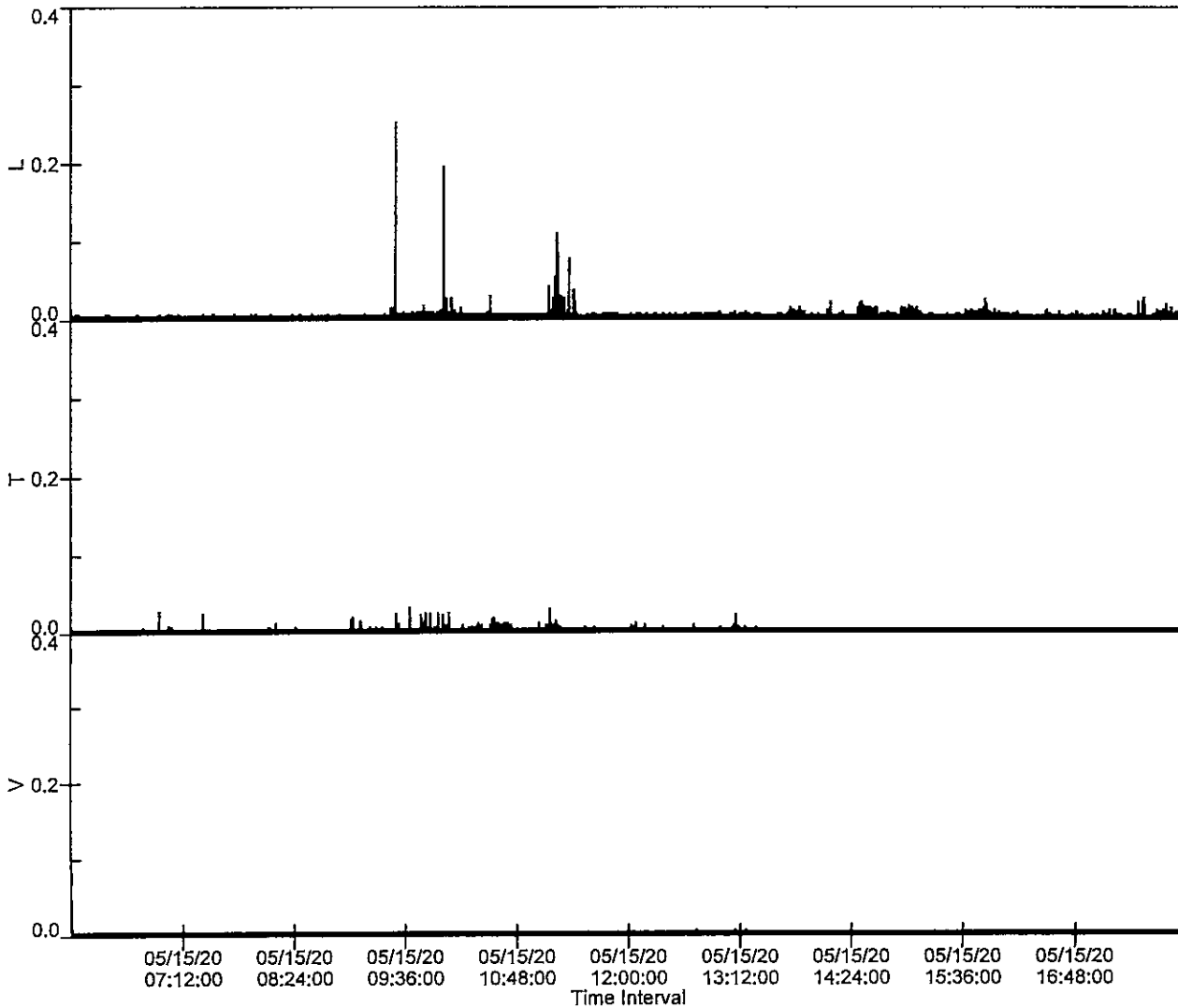
	L	T	V
PPV (in/s)	0.253	0.033	0.010
FREQ (Hz)	.7	2.1	.4
Peak Air Pressure:	107 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 04/15/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 8253 Event: 9

Record Max PPV: 0.253 in/s Record Max DB: 107 db



**SN:** 8253 v3.67  
**Date:** 05/16/2020 **Time:** 06:01:00  
**Event:** 10  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #8 WSNP  
**Distance:** 10.  
**Operator:** CTI INC  
**Comment:** SW UNIT

**Continuous Monitor Recording  
Summary Data**

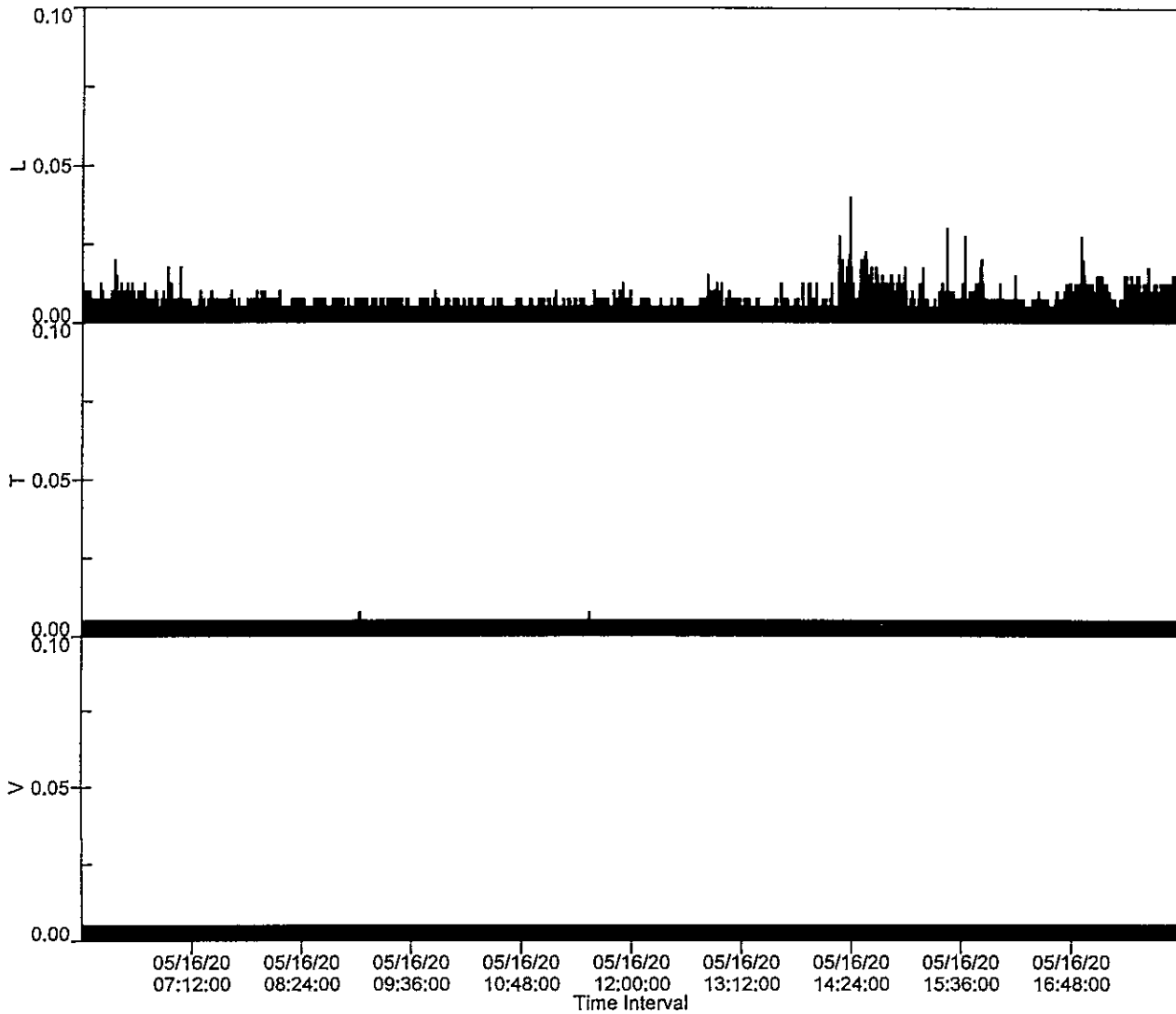
	L	T	V
<b>PPV (in/s)</b>	0.040	0.008	0.008
<b>FREQ (Hz)</b>	.7	27.8	5.1
<b>Peak Air Pressure: 110 db</b>			
<b>Recording Time: 718 minutes</b>			
<b>Sample Size: 1440</b>			
<b>Interval Size: 60 seconds</b>			

**Additional Info:**

**Shaketable Calibrated:** 04/15/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 8253 Event: 10

Record Max PPV: 0.040 in/s Record Max DB: 110 db



**SN:** 8253 v3.67  
**Date:** 05/17/2020 **Time:** 06:01:00  
**Event:** 11  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #8 WSNP  
**Distance:** 10.  
**Operator:** CTI INC  
**Comment:** SW UNIT

**Continuous Monitor Recording**

**Summary Data**

	L	T	V
PPV (in/s)	0.070	0.008	0.008
FREQ (Hz)	1.3	50.0	6.2
Peak Air Pressure:	109 db		

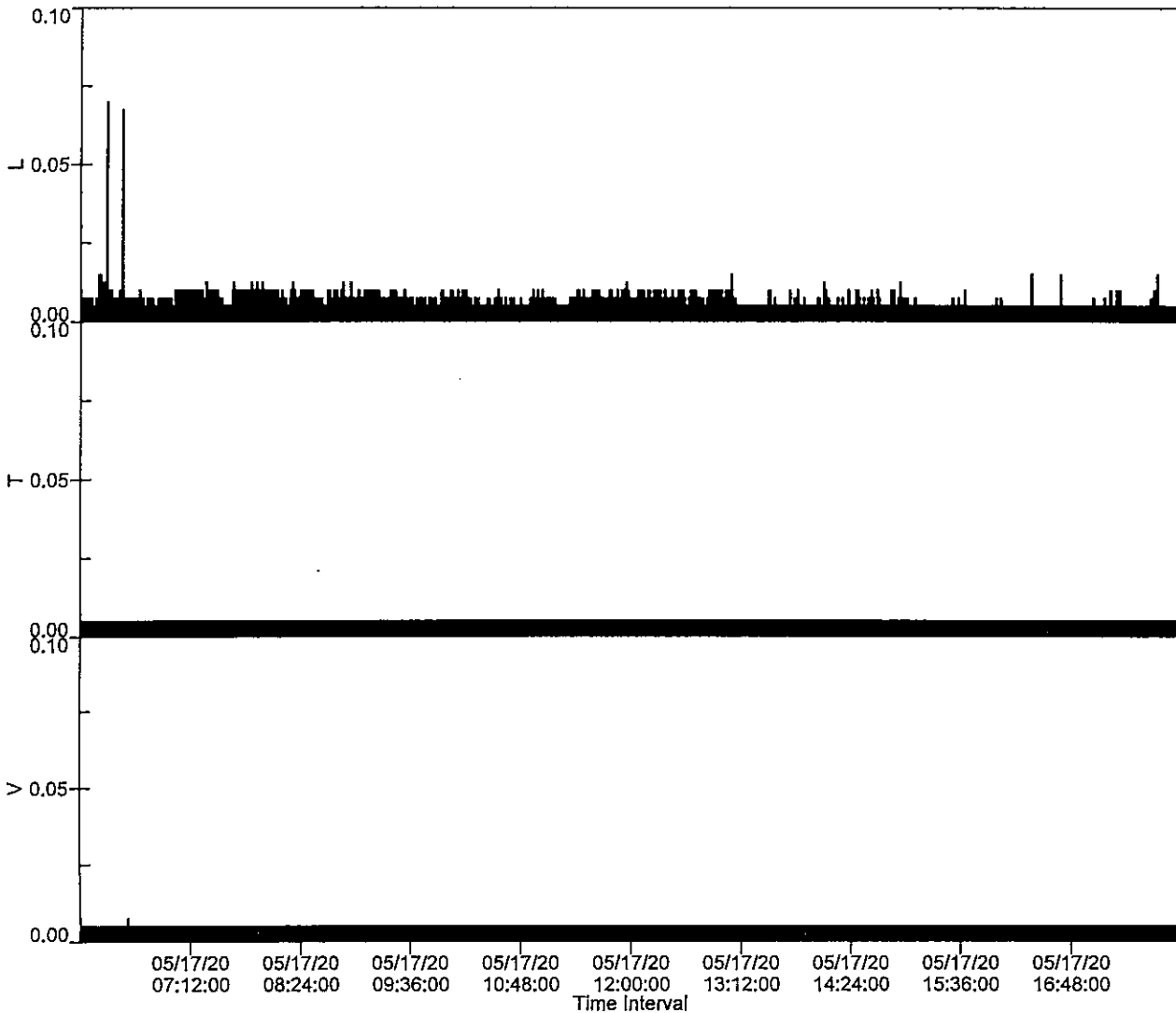
**Recording Time:** 718 minutes  
**Sample Size:** 1440  
**Interval Size:** 60 seconds

**Additional Info:**

**Shaketable Calibrated:** 04/15/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 8253 Event: 11

Record Max PPV: 0.070 in/s Record Max DB: 109 db



SN: 8253 v3.67  
 Date: 05/18/2020 Time: 06:01:00  
 Event: 12  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #8 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW UNIT

Continuous Monitor Recording  
Summary Data

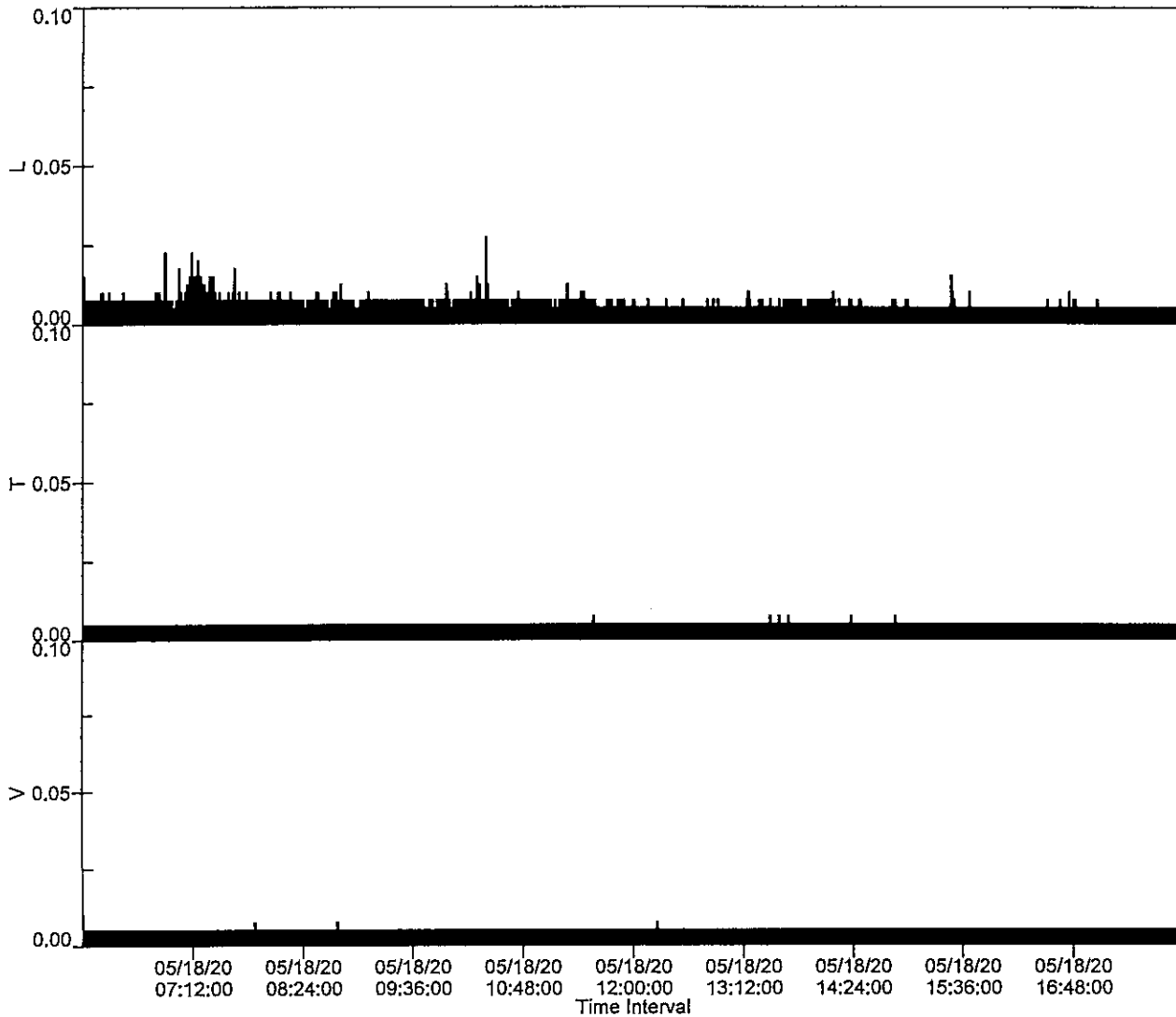
	L	T	V
PPV (in/s)	0.028	0.008	0.010
FREQ (Hz)	.7	2.6	.7
Peak Air Pressure:	109 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/15/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 8253 Event: 12

Record Max PPV: 0.028 in/s Record Max DB: 109 db



SN: 8253 v3.67  
 Date: 05/19/2020 Time: 06:01:00  
 Event: 13  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #8 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW UNIT

Continuous Monitor Recording

Summary Data

	L	T	V
PPV (in/s)	0.173	0.050	0.048
FREQ (Hz)	83.3	62.5	31.3

Peak Air Pressure: 110 db

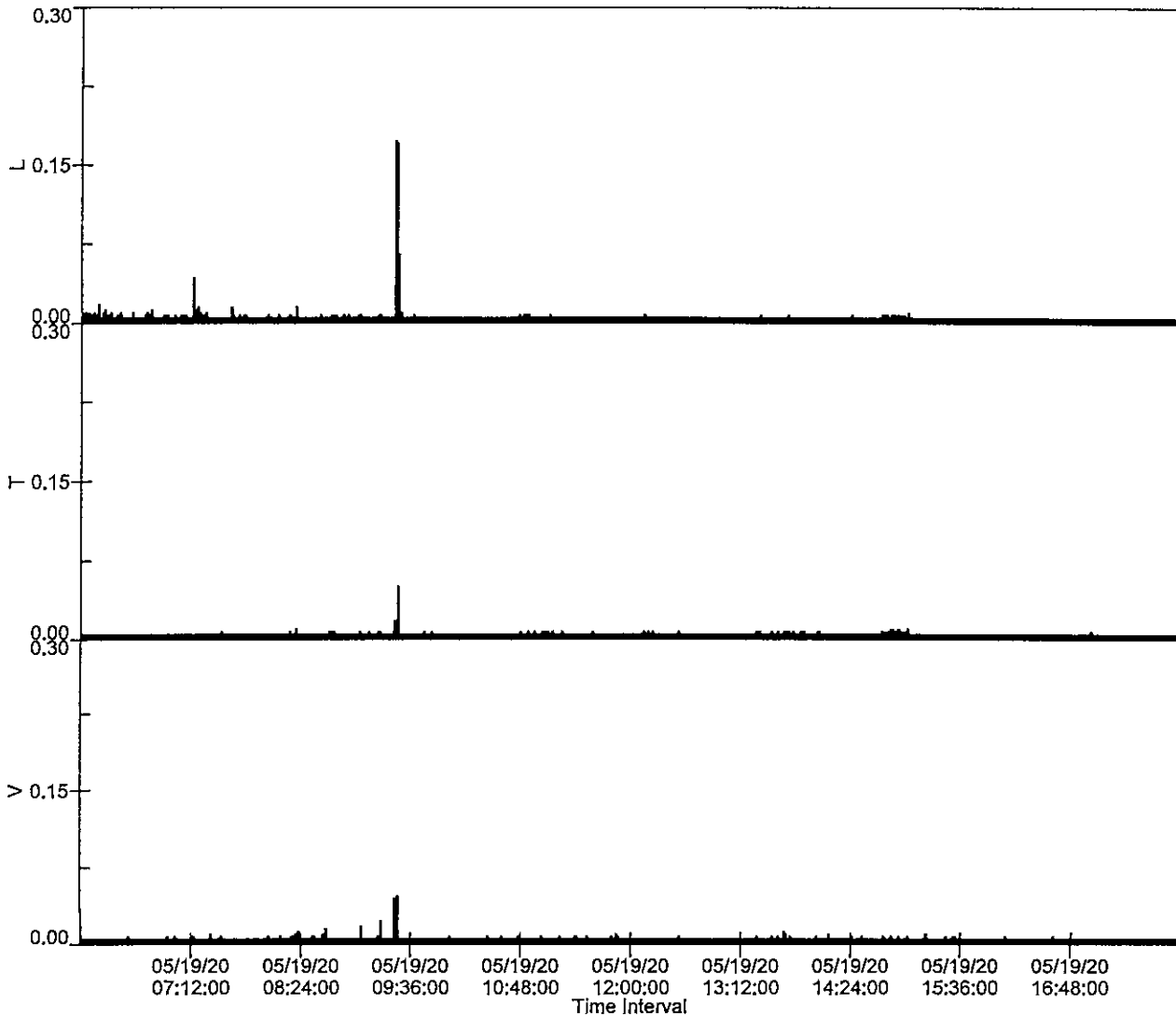
Recording Time: 718 minutes  
 Sample Size: 1440  
 Interval Size: 60 seconds

Additional Info:

Shaketable Calibrated: 04/15/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 8253 Event: 13

Record Max PPV: 0.173 in/s Record Max DB: 110 db





SN: 8253 v3.67  
 Date: 05/20/2020 Time: 06:01:00  
 Event: 14  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #8 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW UNIT

Continuous Monitor Recording  
Summary Data

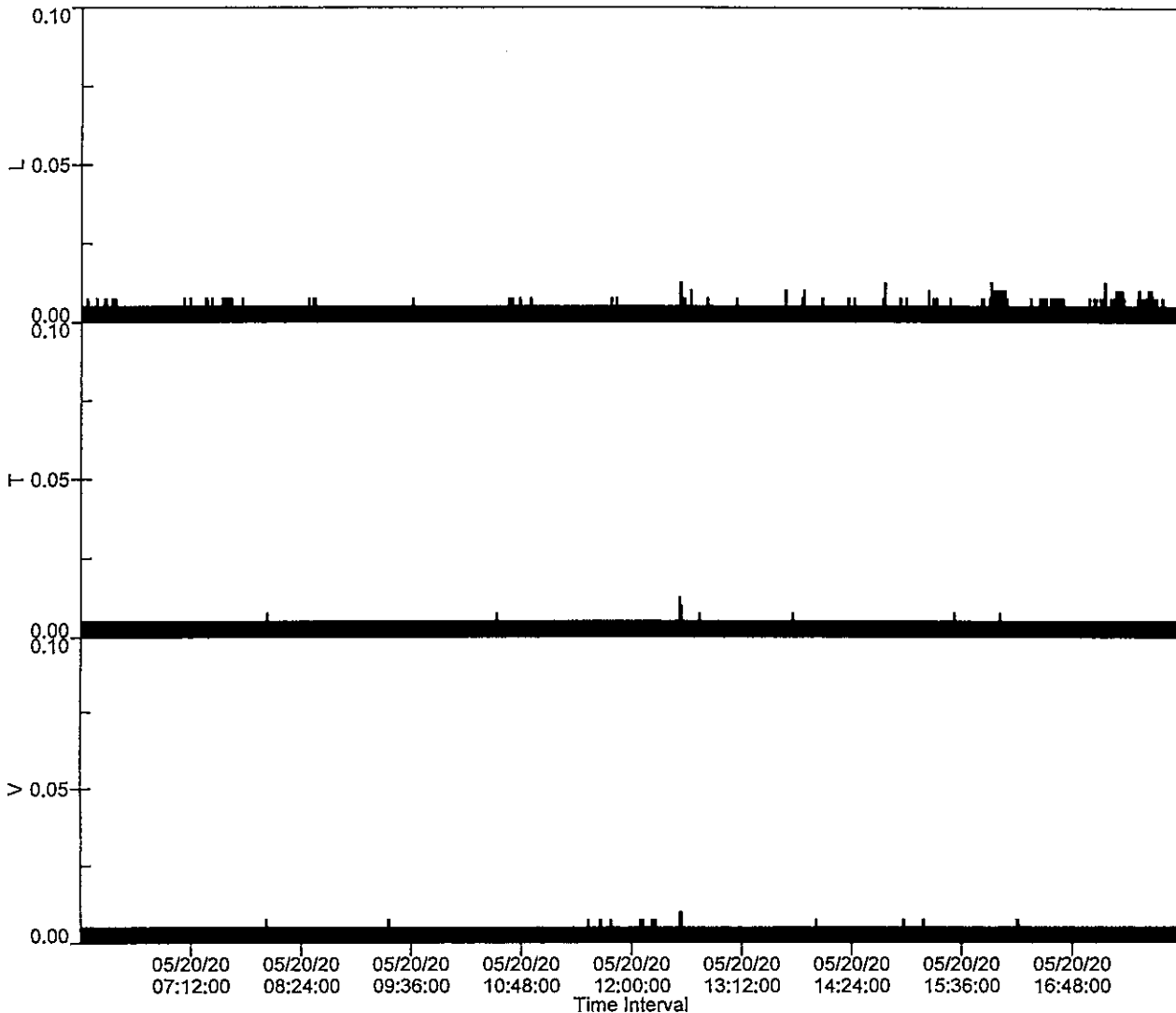
	L	T	V
PPV (in/s)	0.013	0.013	0.010
FREQ (Hz)	500.0	166.7	27.8
Peak Air Pressure:	110 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/15/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 8253 Event: 14

Record Max PPV: 0.013 in/s Record Max DB: 110 db



**SN:** 8253 v3.67  
**Date:** 05/21/2020 **Time:** 06:01:00  
**Event:** 15  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #8 WSNP  
**Distance:** 10.  
**Operator:** CTI INC  
**Comment:** SW UNIT

**Continuous Monitor Recording**

**Summary Data**

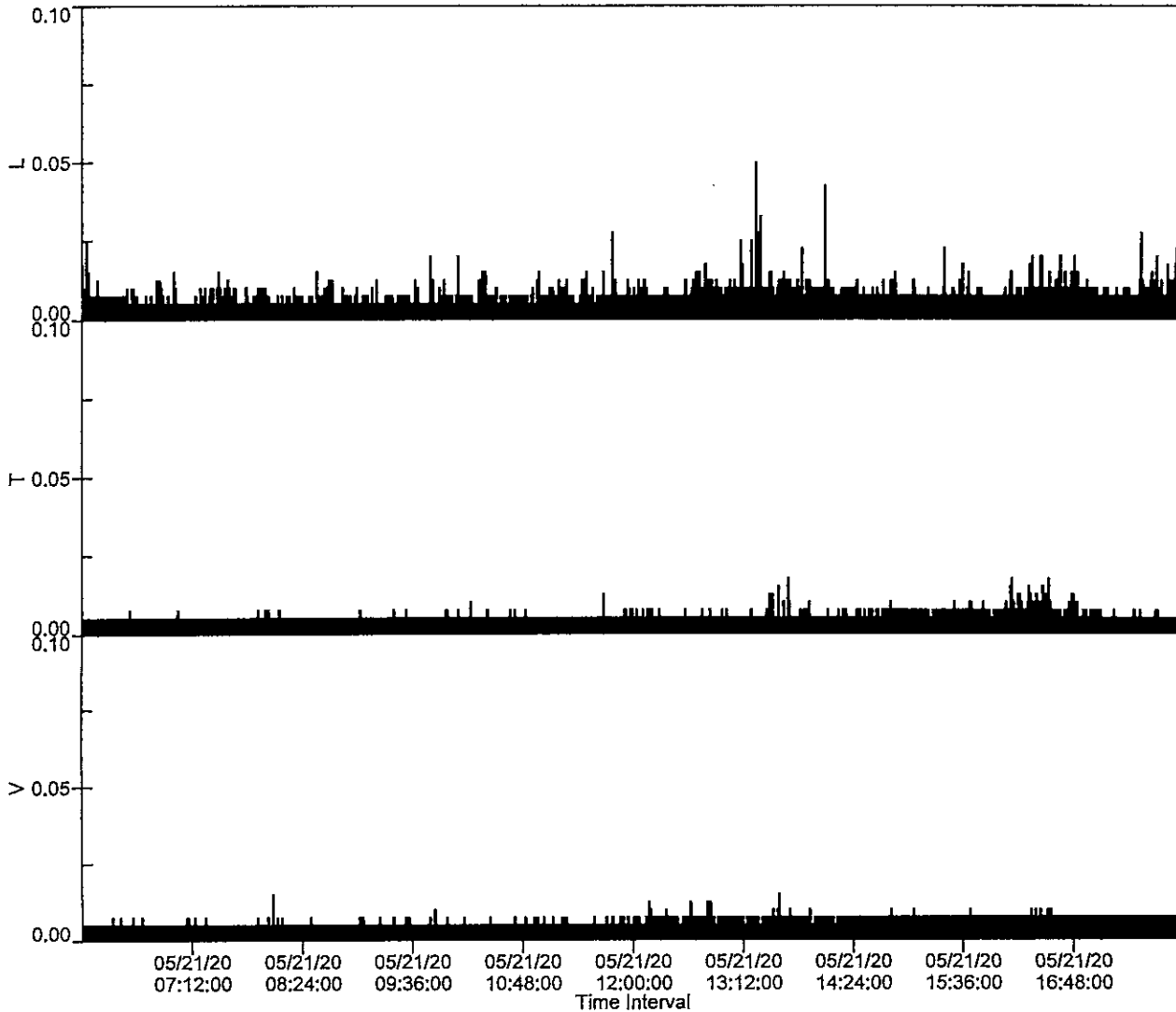
	L	T	V
PPV (in/s)	0.050	0.018	0.015
FREQ (Hz)	.7	11.6	1.1
Peak Air Pressure:	109 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 04/15/2020  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 8253 Event: 15

Record Max PPV: 0.050 in/s Record Max DB: 109 db



SN: 8253 v3.67  
 Date: 05/22/2020 Time: 06:01:00  
 Event: 16  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #8 WSNP  
 Distance: 10.  
 Operator: CTI INC  
 Comment: SW UNIT

Continuous Monitor Recording

Summary Data

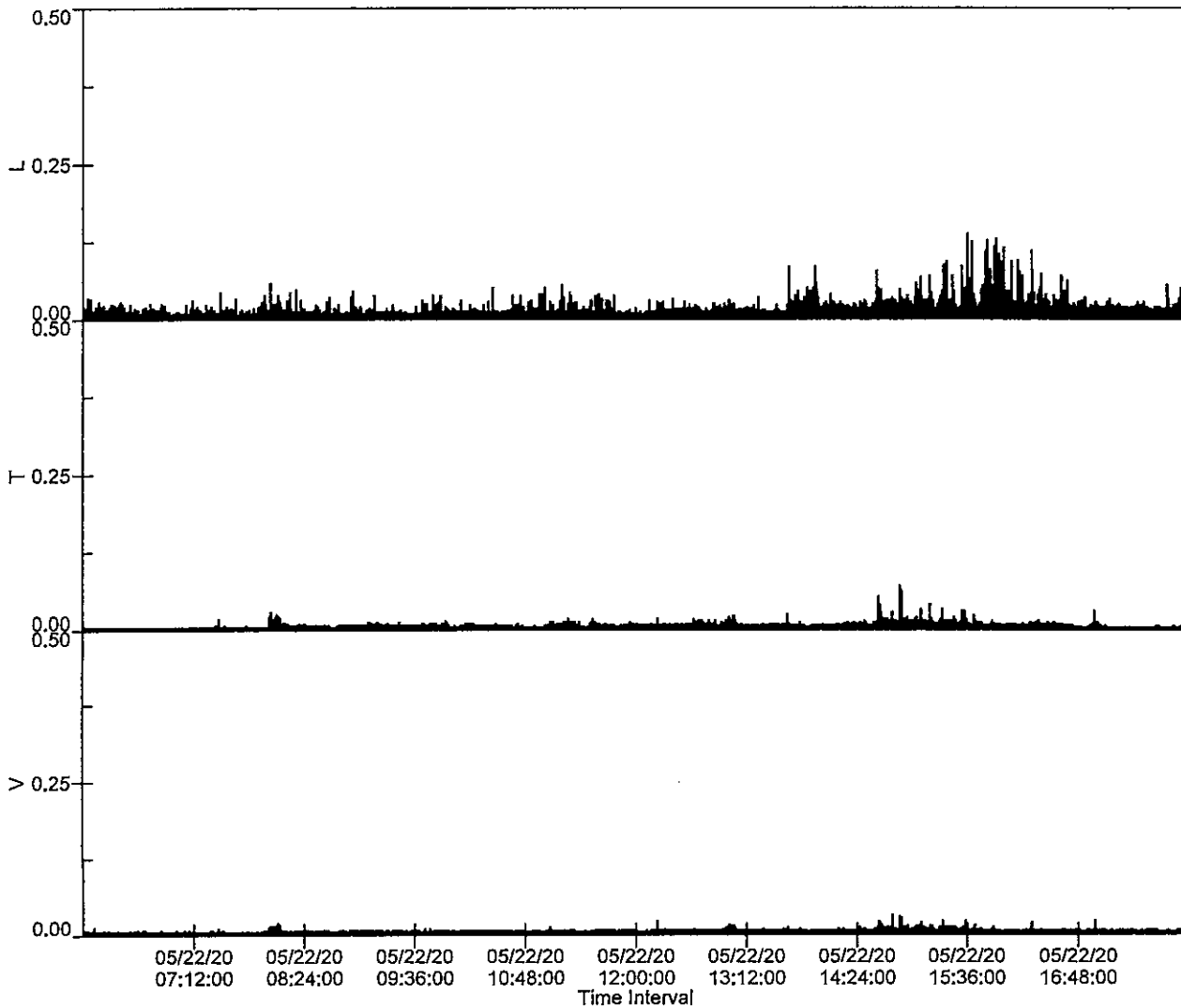
	L	T	V
PPV (in/s)	0.138	0.070	0.033
FREQ (Hz)	.2	16.1	11.9
Peak Air Pressure:	109 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 04/15/2020  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 8253 Event: 16

Record Max PPV: 0.138 in/s Record Max DB: 109 db





SN: 5259 v3.67  
 Date: 05/11/2020 Time: 06:01:00  
 Event: 5  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #9 WSNP  
 Distance: 15.  
 Operator: CTI INC  
 Comment: SW CORNER

**Continuous Monitor Recording**  
**Summary Data**

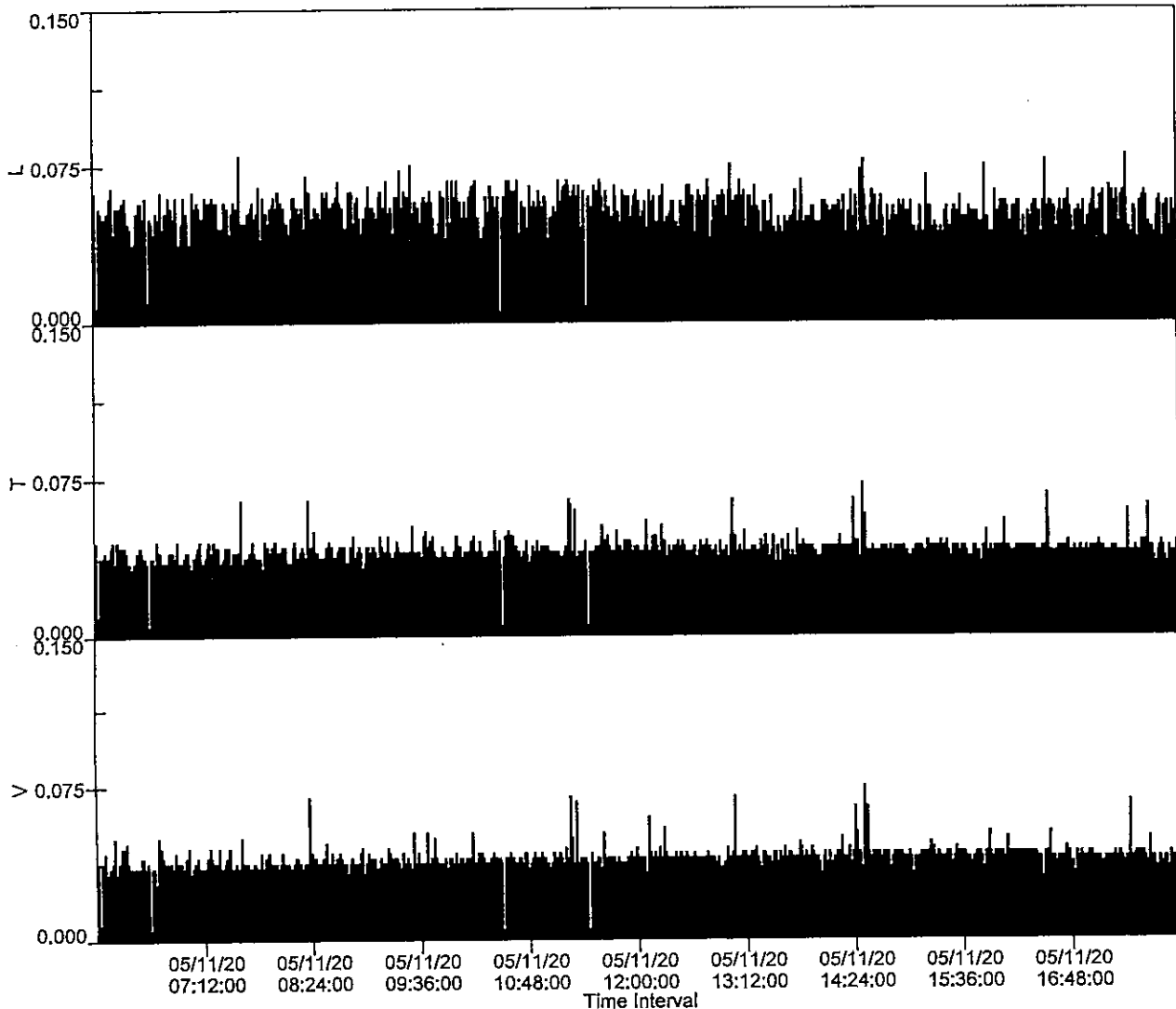
	L	T	V
PPV (in/s)	0.080	0.073	0.075
FREQ (Hz)	62.5	250.0	166.7
Peak Air Pressure:	113 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

Shaketable Calibrated: 01/23/2019  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 5

Record Max PPV: 0.080 in/s Record Max DB: 113 db



SN: 5259 v3.67  
 Date: 05/12/2020 Time: 06:01:00  
 Event: 6  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #9 WSNP  
 Distance: 15.  
 Operator: CTI INC  
 Comment: SW CORNER

**Continuous Monitor Recording**  
**Summary Data**

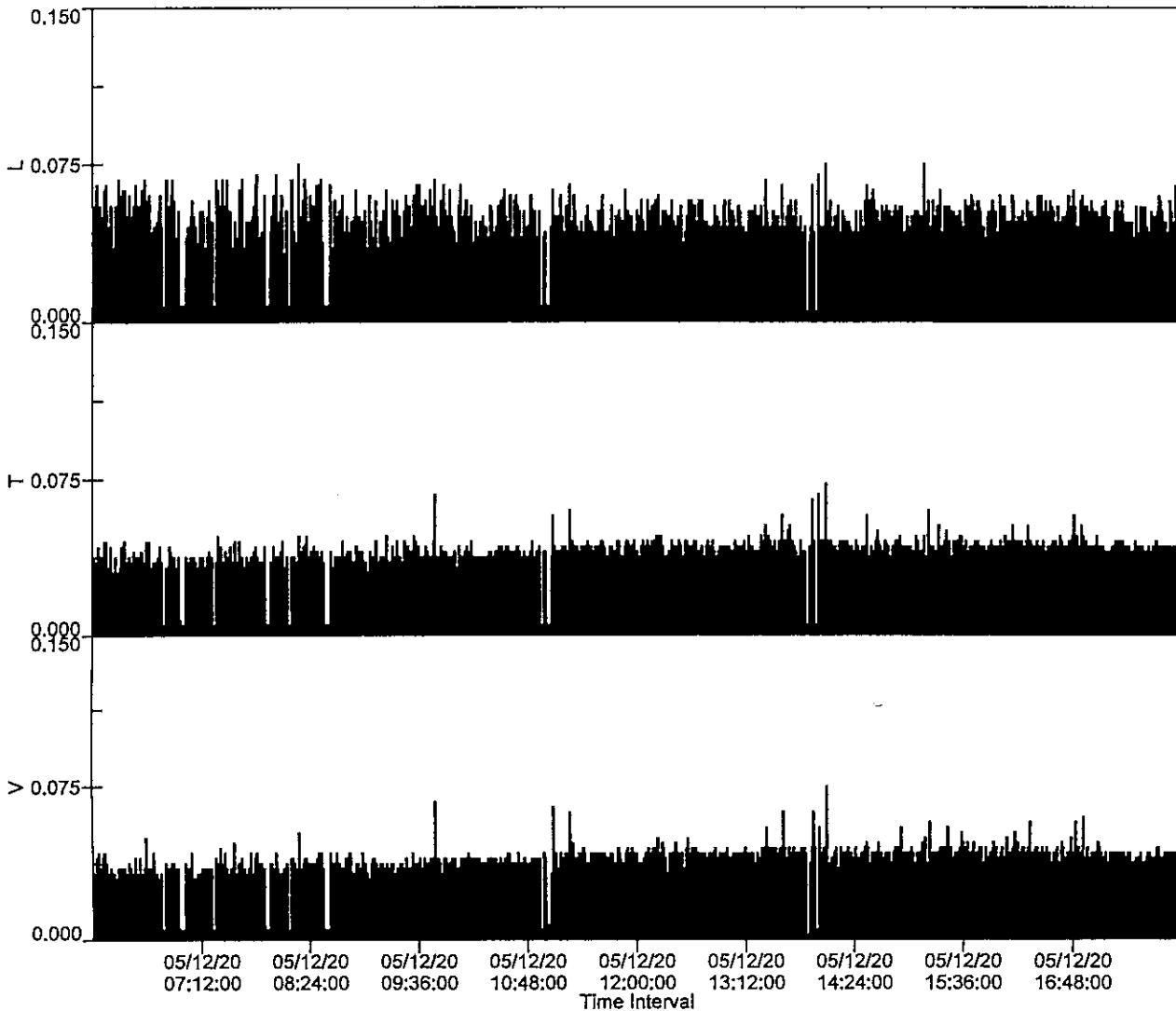
	L	T	V
PPV (in/s)	0.075	0.073	0.075
FREQ (Hz)	55.6	250.0	500.0
Peak Air Pressure:	114 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

Shaketable Calibrated: 01/23/2019  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 6

Record Max PPV: 0.075 in/s Record Max DB: 114 db



SN: 5259 v3.67  
 Date: 05/13/2020 Time: 06:01:00  
 Event: 7  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #9 WSNP  
 Distance: 15.  
 Operator: CTI INC  
 Comment: SW CORNER

Continuous Monitor Recording  
Summary Data

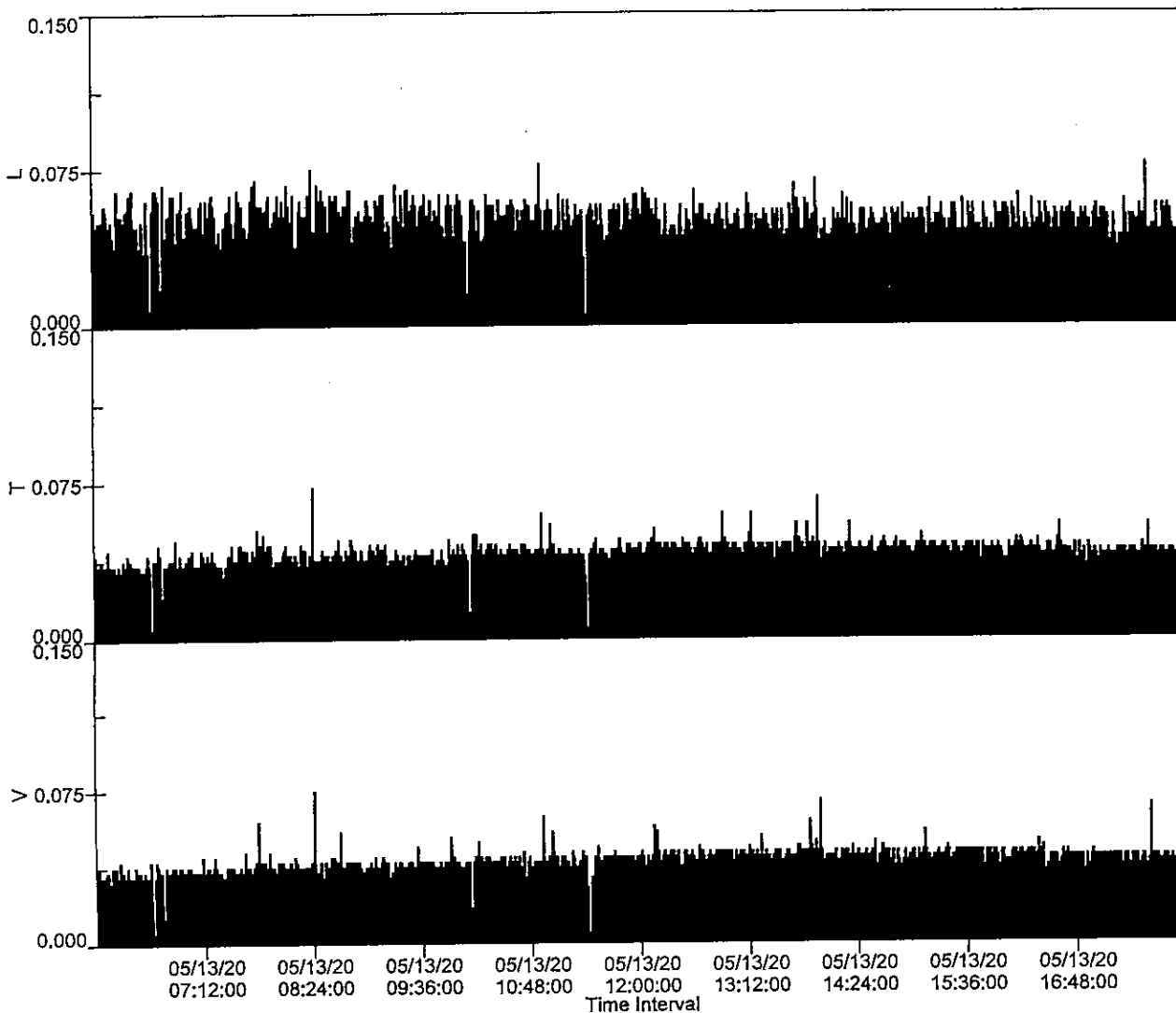
	L	T	V
PPV (in/s)	0.078	0.073	0.075
FREQ (Hz)	45.5	250.0	250.0
Peak Air Pressure:	115 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 01/23/2019  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 7

Record Max PPV: 0.078 in/s Record Max DB: 115 db



SN: 5259 v3.67  
 Date: 05/14/2020 Time: 06:01:00  
 Event: 8  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #9 WSNP  
 Distance: 15.  
 Operator: CTI INC  
 Comment: SW CORNER

Continuous Monitor Recording

Summary Data

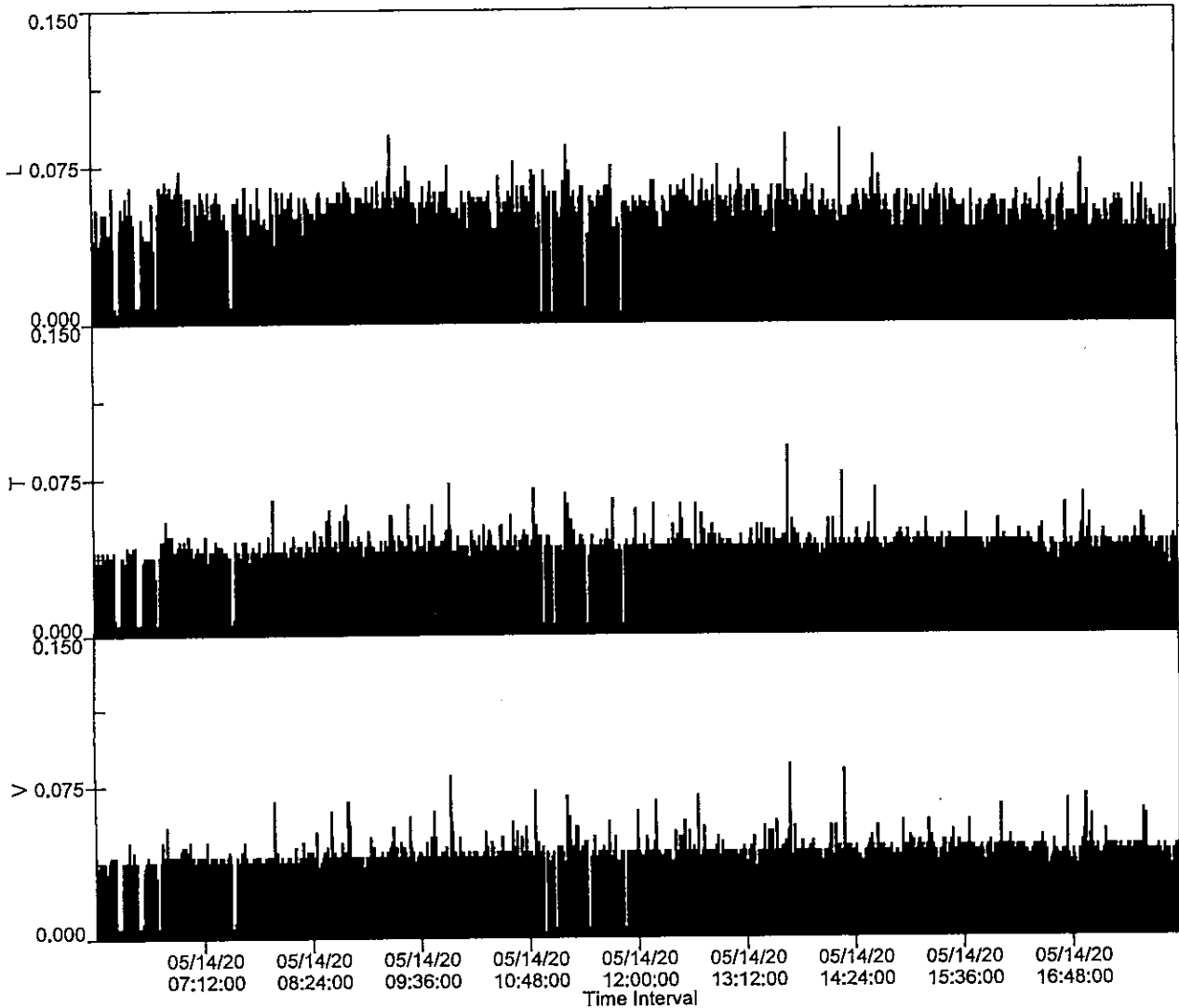
	L	T	V
PPV (in/s)	0.093	0.090	0.085
FREQ (Hz)	166.7	166.7	166.7
Peak Air Pressure:	114 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 01/23/2019  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 8

Record Max PPV: 0.093 in/s Record Max DB: 114 db





**SN:** 5259 v3.67  
**Date:** 05/15/2020 Time: 06:01:00  
**Event:** 9  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #9 WSNP  
**Distance:** 15.  
**Operator:** CTI INC  
**Comment:** SW CORNER

**Continuous Monitor Recording  
 Summary Data**

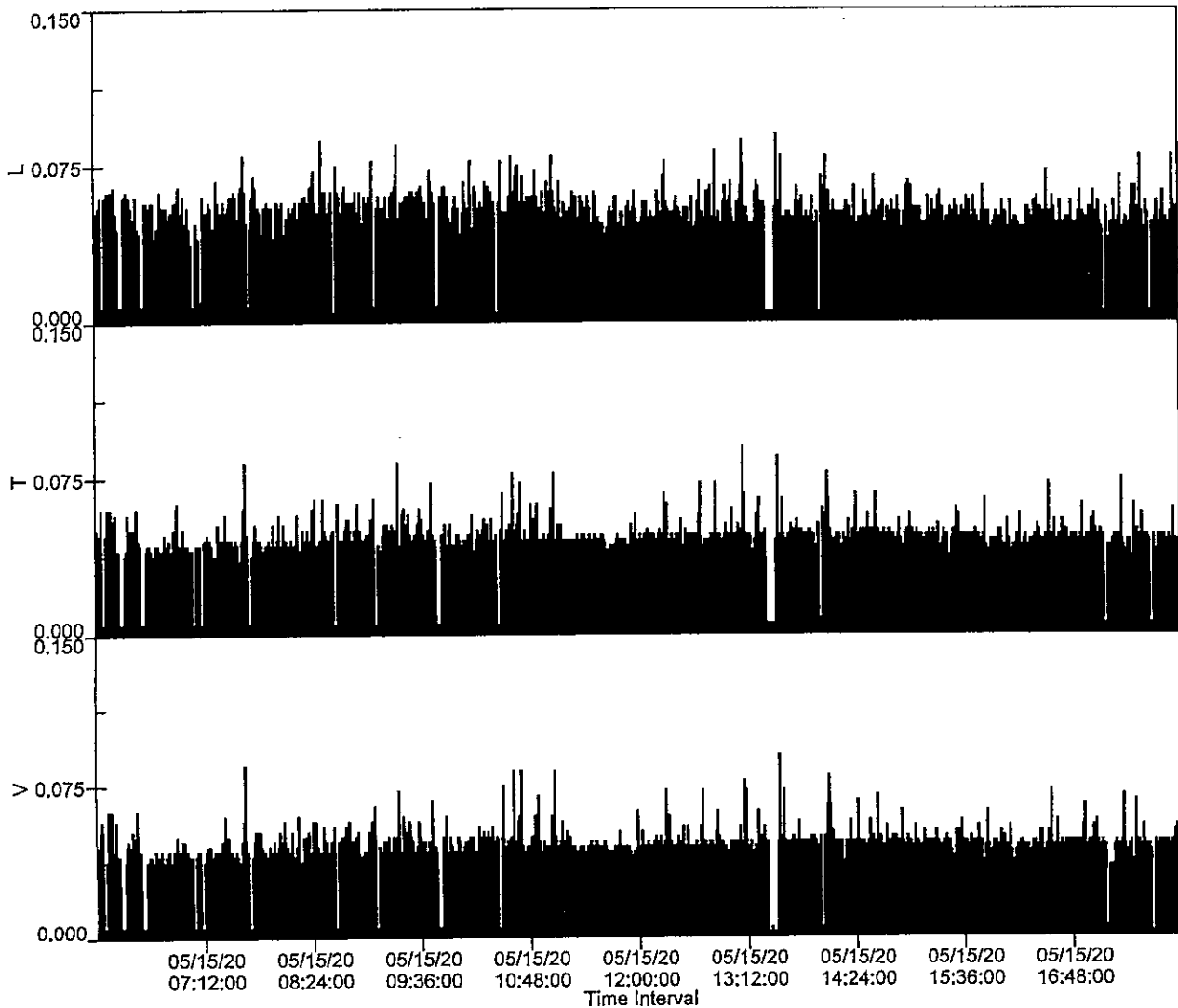
	L	T	V
PPV (in/s)	0.090	0.090	0.090
FREQ (Hz)	125.0	250.0	125.0
Peak Air Pressure:	117 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 01/23/2019  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 9

Record Max PPV: 0.090 in/s Record Max DB: 117 db



SN: 5259 v3.67  
 Date: 05/16/2020 Time: 06:01:00  
 Event: 10  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #9 WSNP  
 Distance: 15.  
 Operator: CTI INC  
 Comment: SW CORNER

Continuous Monitor Recording

Summary Data

	L	T	V
PPV (in/s)	0.090	0.088	0.085
FREQ (Hz)	166.7	125.0	125.0
Peak Air Pressure:	114 db		

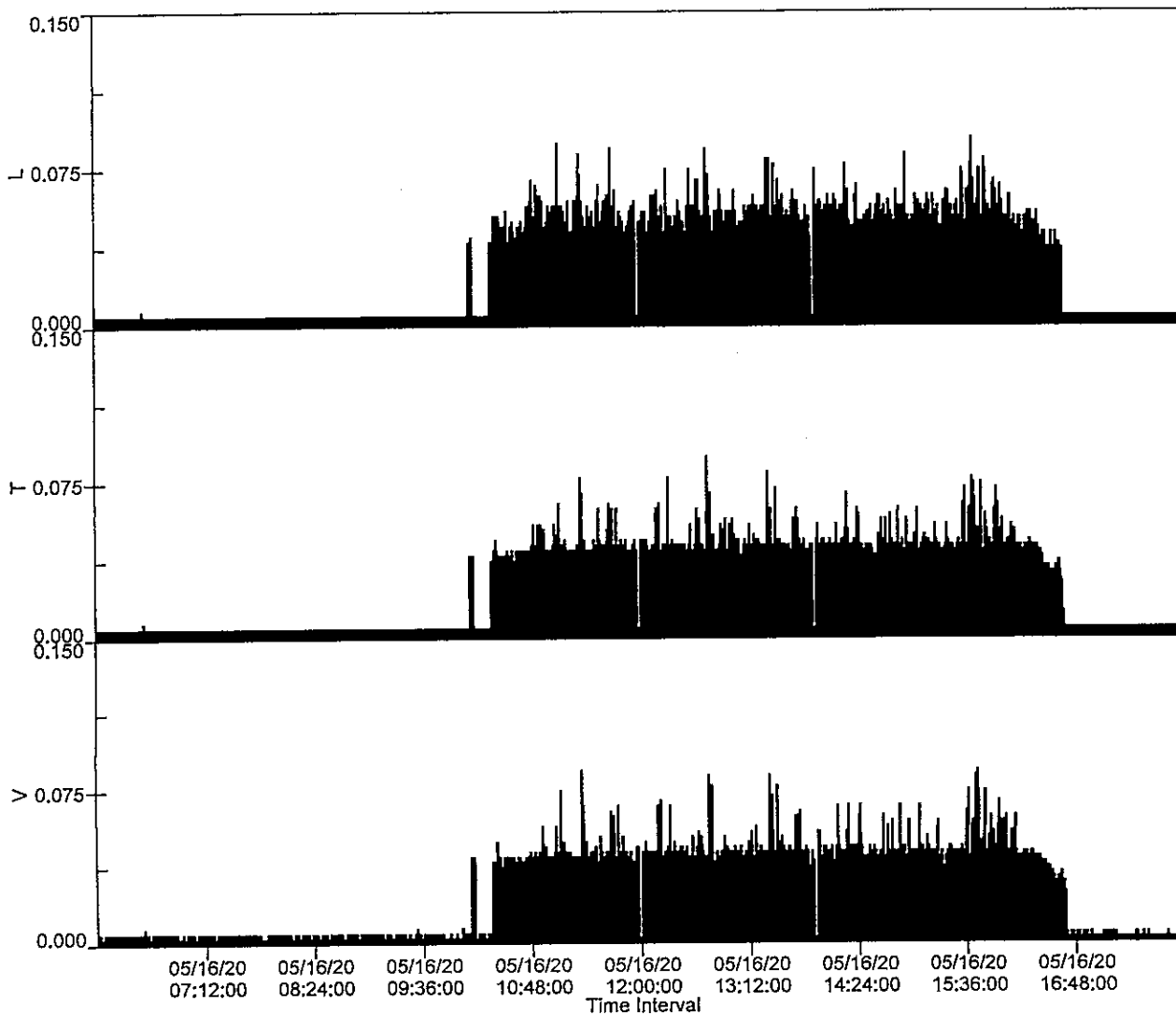
Recording Time: 718 minutes  
 Sample Size: 1440  
 Interval Size: 60 seconds

Additional Info:

Shaketable Calibrated: 01/23/2019  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 10

Record Max PPV: 0.090 in/s Record Max DB: 114 db



**SN:** 5259 v3.67  
**Date:** 05/17/2020 **Time:** 06:01:00  
**Event:** 11  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #9 WSNP  
**Distance:** 15.  
**Operator:** CTI INC  
**Comment:** SW CORNER

**Continuous Monitor Recording**

**Summary Data**

	L	T	V
PPV (in/s)	0.010	0.010	0.010
FREQ (Hz)	.3	6.1	.3
Peak Air Pressure:	82 db		

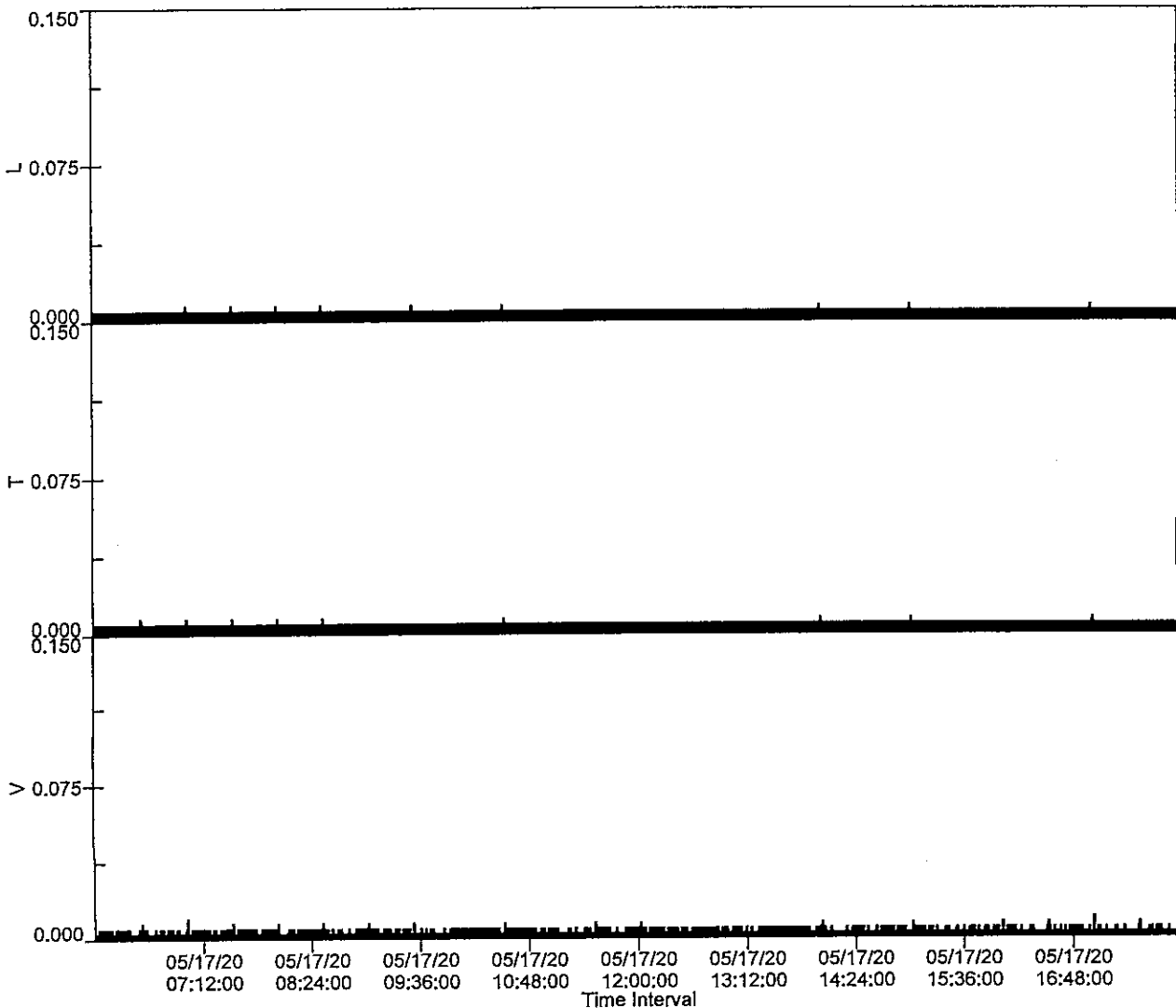
**Recording Time:** 718 minutes  
**Sample Size:** 1440  
**Interval Size:** 60 seconds

**Additional Info:**

**Shaketable Calibrated:** 01/23/2019  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 11

Record Max PPV: 0.010 in/s Record Max DB: 82 db



SN: 5259 v3.67  
 Date: 05/18/2020 Time: 06:01:00  
 Event: 12  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #9 WSNP  
 Distance: 15.  
 Operator: CTI INC  
 Comment: SW CORNER

**Continuous Monitor Recording**

**Summary Data**

	L	T	V
PPV (in/s)	0.020	0.010	0.013
FREQ (Hz)	41.7	5.2	35.7
Peak Air Pressure:	84 db		

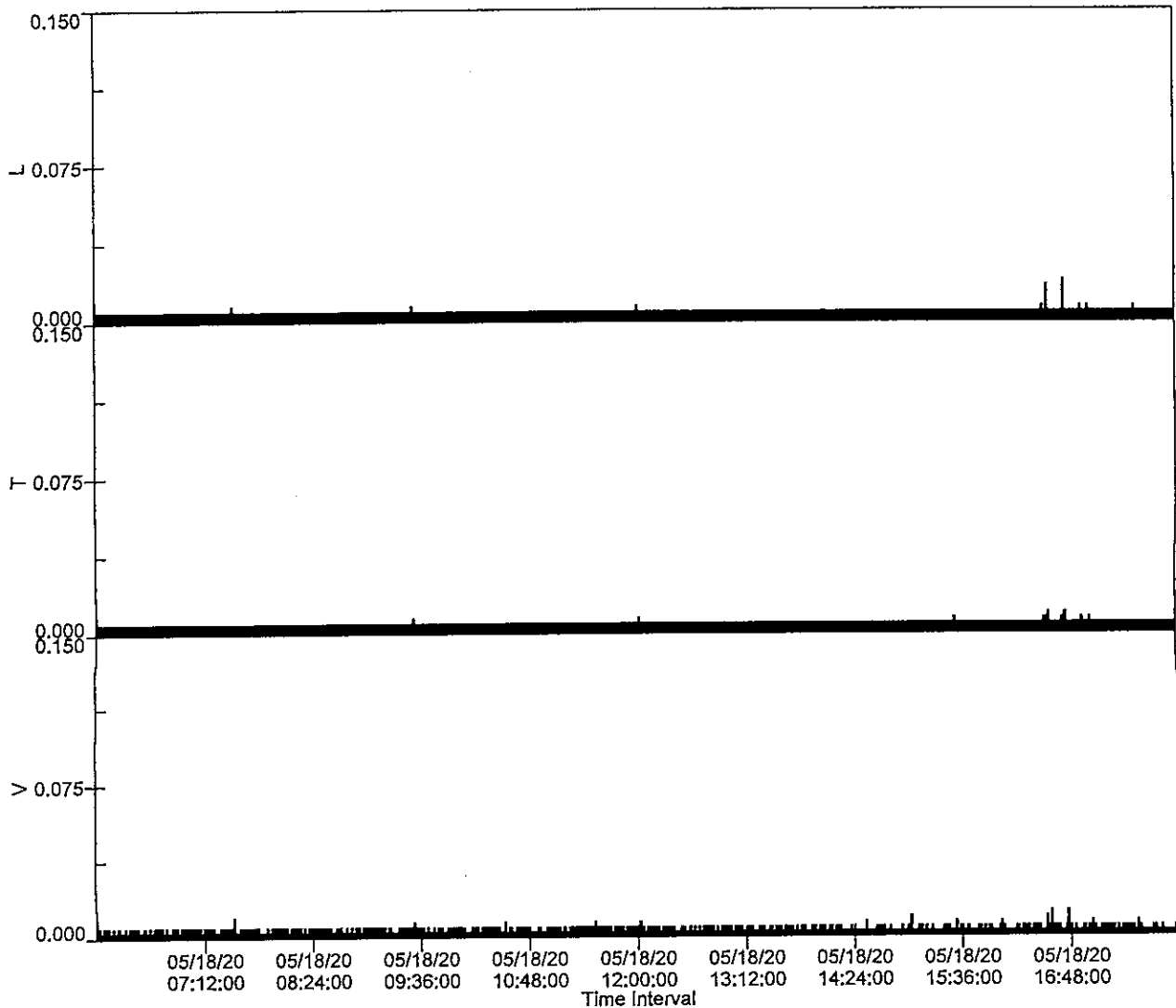
Recording Time: 718 minutes  
 Sample Size: 1440  
 Interval Size: 60 seconds

**Additional Info:**

Shaketable Calibrated: 01/23/2019  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 12

Record Max PPV: 0.020 in/s Record Max DB: 84 db



SN: 5259 v3.67  
 Date: 05/19/2020 Time: 06:01:00  
 Event: 13  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #9 WSNP  
 Distance: 15.  
 Operator: CTI INC  
 Comment: SW CORNER

**Continuous Monitor Recording**

**Summary Data**

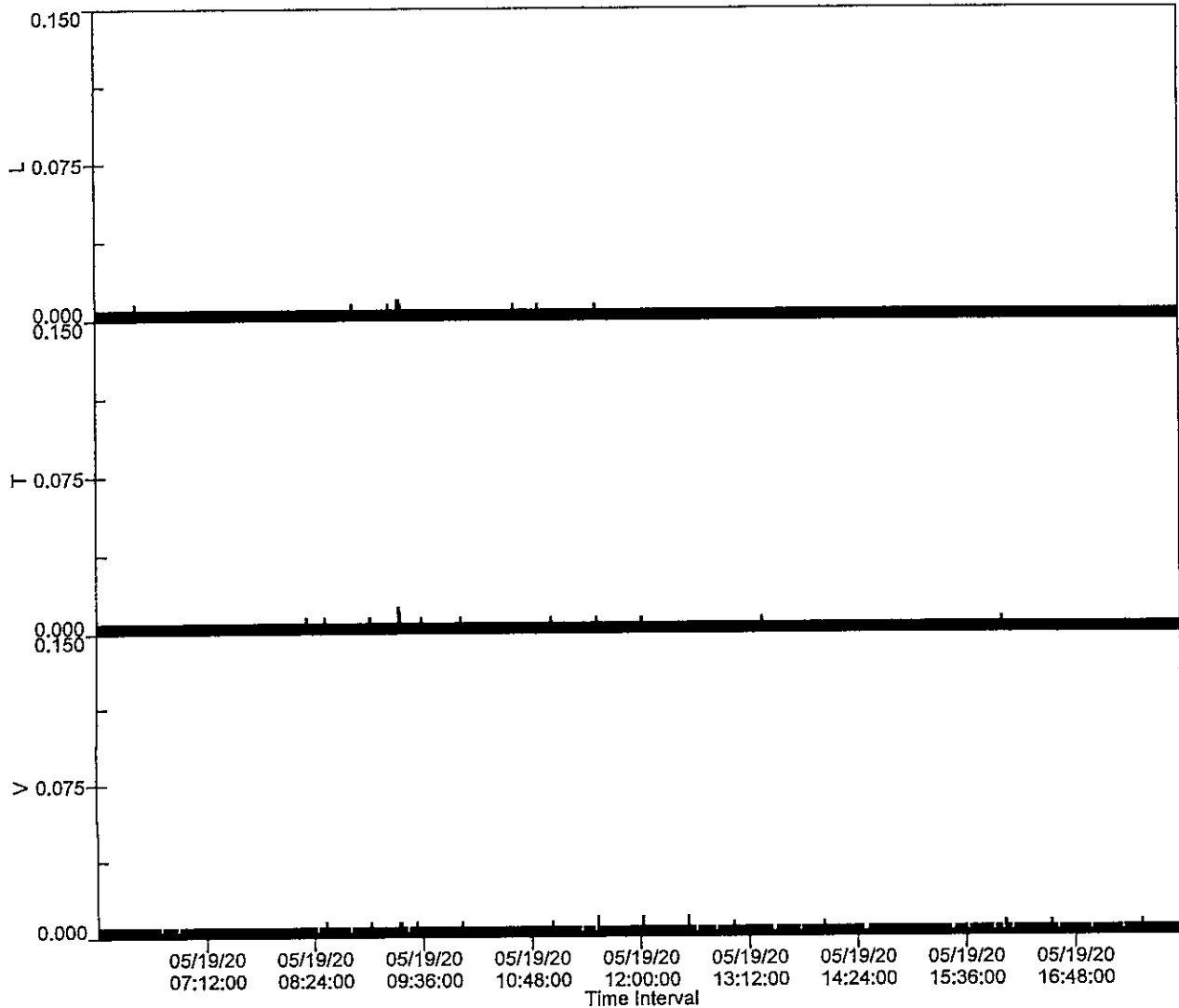
	L	T	V
PPV (in/s)	0.010	0.013	0.010
FREQ (Hz)	.3	38.5	.3
Peak Air Pressure:	86 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

Shaketable Calibrated: 01/23/2019  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 13

Record Max PPV: 0.013 in/s Record Max DB: 86 db



**SN:** 5259 v3.67  
**Date:** 05/20/2020 **Time:** 06:01:00  
**Event:** 14  
**Client:** BERGER CONST  
**Operation:** EXCAVATION  
**Location:** #9 WSNP  
**Distance:** 15.  
**Operator:** CTI INC  
**Comment:** SW CORNER

**Continuous Monitor Recording**

**Summary Data**

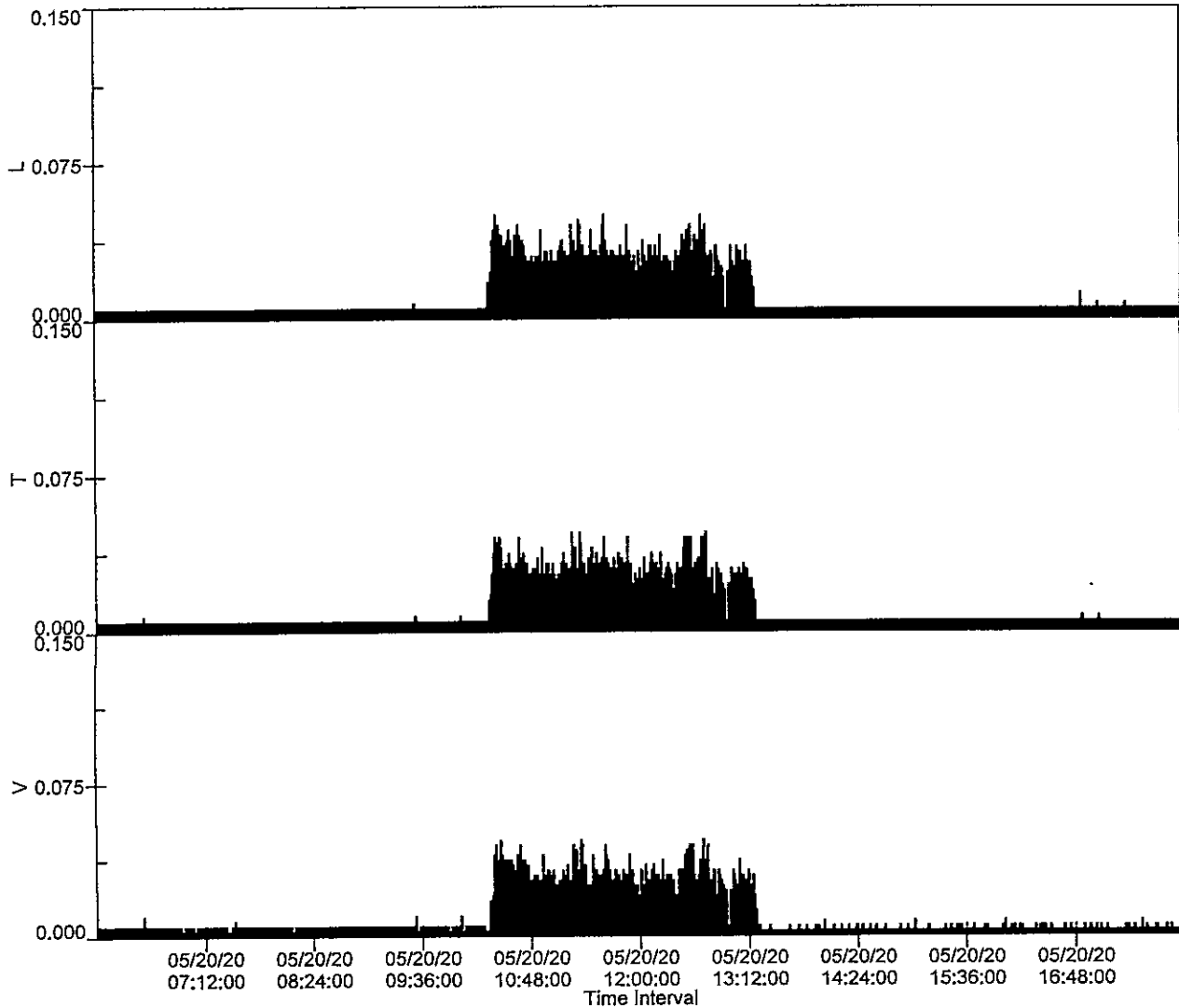
	L	T	V
PPV (in/s)	0.050	0.048	0.048
FREQ (Hz)	100.0	250.0	500.0
Peak Air Pressure:	112 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 01/23/2019  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 14

Record Max PPV: 0.050 in/s Record Max DB: 112 db



SN: 5259 v3.67  
 Date: 05/21/2020 Time: 06:01:00  
 Event: 15  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #9 WSNP  
 Distance: 15.  
 Operator: CTI INC  
 Comment: SW CORNER

**Continuous Monitor Recording**  
**Summary Data**

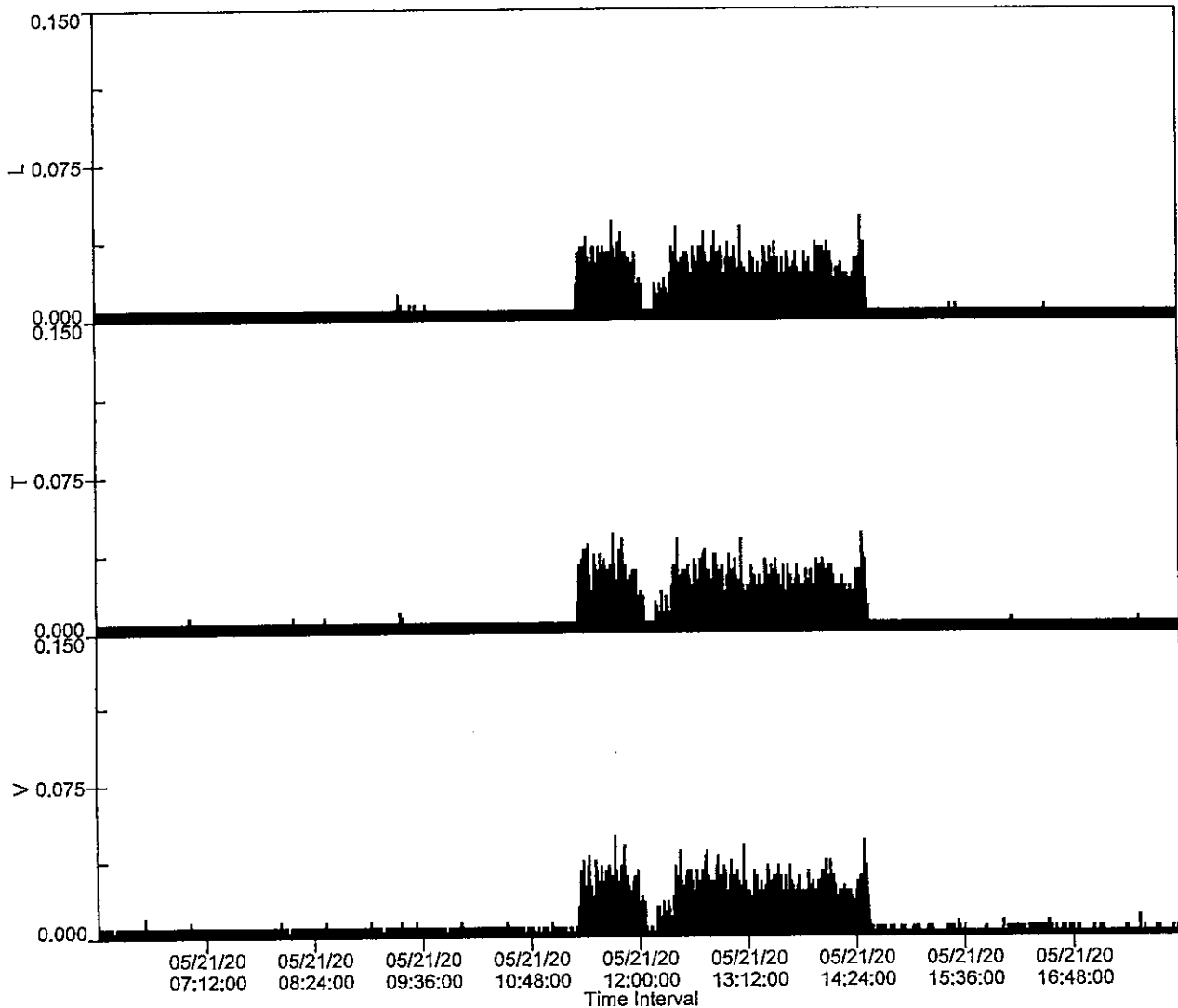
	L	T	V
PPV (in/s)	0.050	0.048	0.050
FREQ (Hz)	166.7	250.0	166.7
Peak Air Pressure:	111 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

**Additional Info:**

**Shaketable Calibrated:** 01/23/2019  
**By:** GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 15

Record Max PPV: 0.050 in/s Record Max DB: 111 db



SN: 5259 v3.67  
 Date: 05/22/2020 Time: 06:01:00  
 Event: 16  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #9 WSNP  
 Distance: 15.  
 Operator: CTI INC  
 Comment: SW CORNER

Continuous Monitor Recording

Summary Data

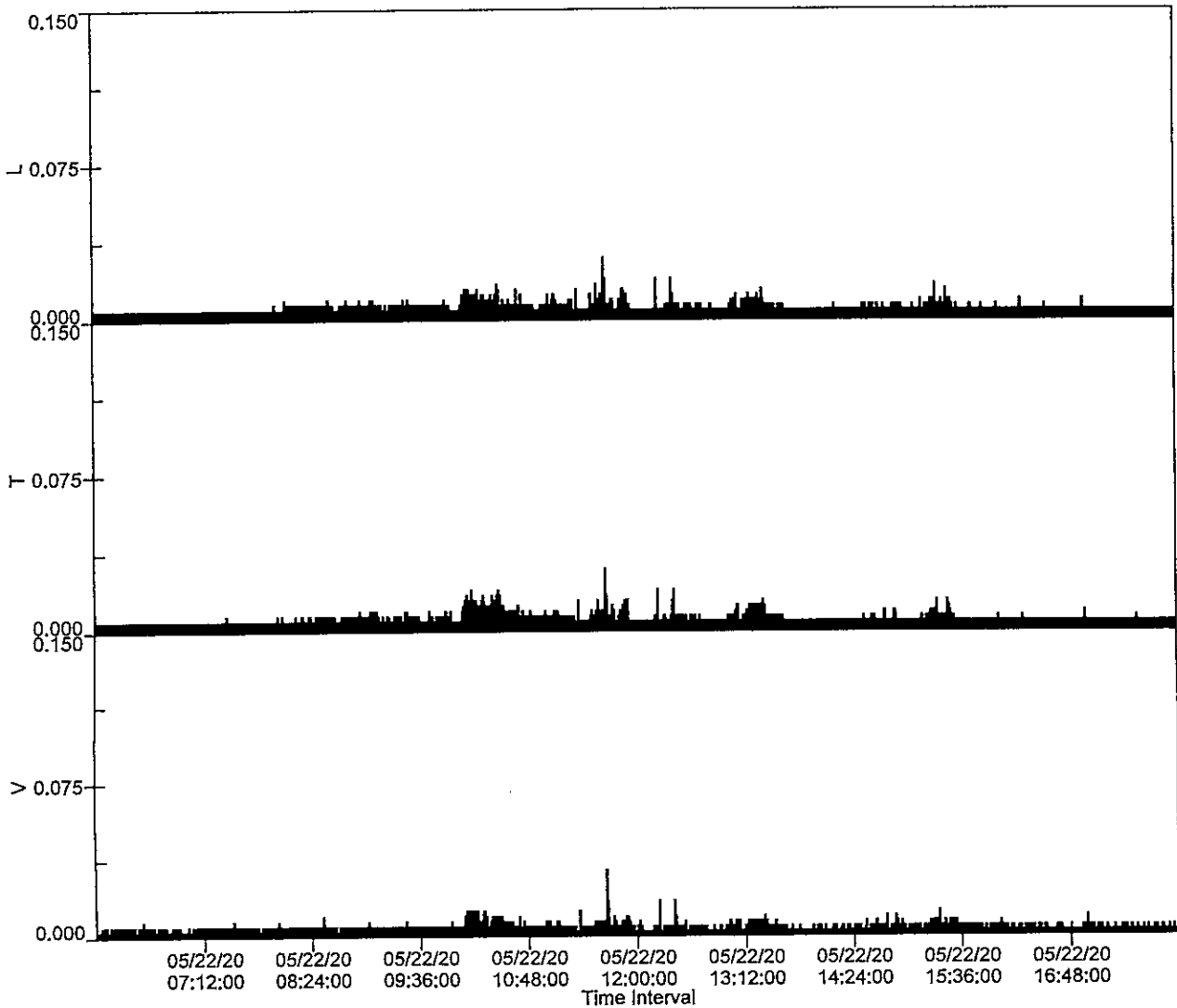
	L	T	V
PPV (in/s)	0.030	0.030	0.033
FREQ (Hz)	71.4	250.0	166.7
Peak Air Pressure:	105 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 01/23/2019  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 16

Record Max PPV: 0.033 in/s Record Max DB: 105 db





SN: 5259 v3.67  
 Date: 05/23/2020 Time: 06:01:00  
 Event: 17  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #9 WSNP  
 Distance: 15.  
 Operator: CTI INC  
 Comment: SW CORNER

Continuous Monitor Recording  
Summary Data

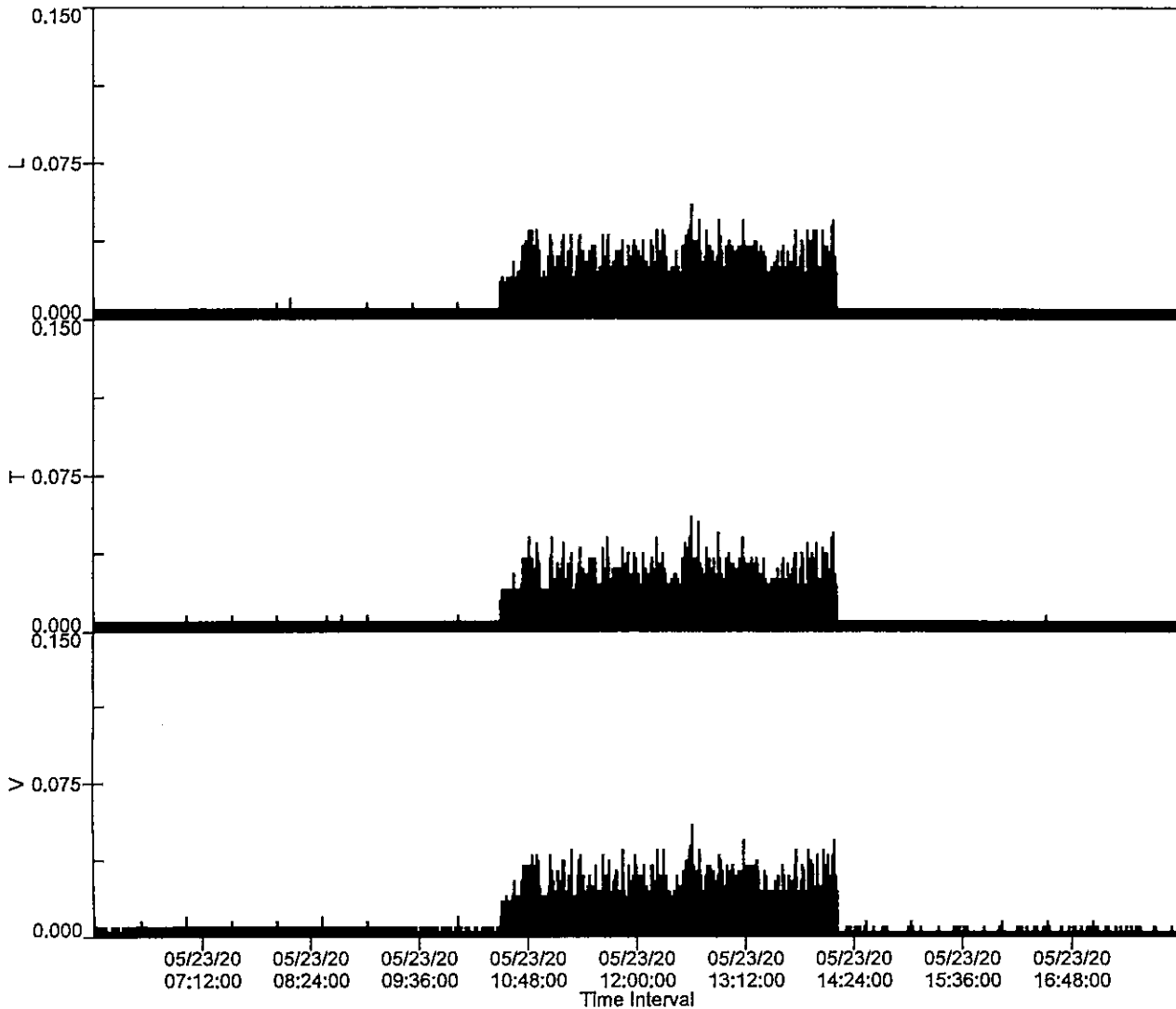
	L	T	V
PPV (in/s)	0.055	0.055	0.055
FREQ (Hz)	250.0	250.0	250.0
Peak Air Pressure:	111 db		
Recording Time:	718 minutes		
Sample Size:	1440		
Interval Size:	60 seconds		

Additional Info:

Shaketable Calibrated: 01/23/2019  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 17

Record Max PPV: 0.055 in/s Record Max DB: 111 db



SN: 5259 v3.67  
 Date: 05/24/2020 Time: 06:01:00  
 Event: 18  
 Client: BERGER CONST  
 Operation: EXCAVATION  
 Location: #9 WSNP  
 Distance: 15.  
 Operator: CTI INC  
 Comment: SW CORNER

Continuous Monitor Recording

Summary Data

	L	T	V
PPV (in/s)	0.008	0.008	0.008
FREQ (Hz)	55.6	55.6	38.5
Peak Air Pressure:	82 db		

Recording Time: 156 minutes  
 Sample Size: 1440  
 Interval Size: 60 seconds

Additional Info:

Shaketable Calibrated: 01/23/2019  
 By: GeoSonics Inc.  
 359 Northgate Drive  
 Warrendale, PA 15086 U.S.A.  
 TEL: 724.934.2900 FAX: 724.934.2999

SN: 5259 Event: 18

Record Max PPV: 0.008 in/s Record Max DB: 82 db

