Vibration Monitoring Report Summary

Thurston Elementary School	Project Number: 233473 Client: Ann Arbor Public Schools	Date: 10/26/26 to 11/01/26 Client Contact: Erik Bodker (Gilbane)

Project Address: 2300 Prairie Street, Ann Arbor MI

Micromate/Minimate Serial No. :	UM17584	Geophone Serial No.:	UM17584

Vibration Unit Location:	UM17584 - Northeast side of site approximately 100 feet west of edge of house at 2219 Georgetown Boulevard

Maximum Peak Particle Velocity (PPV) (in/sec):		Frequency (Hz) at PPV:	
UM17584	0.1390 in/sec – Longitudinal channel on 10/30/2026 at 15:30:17	UM17584	26.9 Hz

Maximum Specified PPV (in/sec): 0.20

Description of Construction Activities:

G2 understands that construction activities consist of utility installation with backfilling operations taking place using an excavator with a hoe-pack attachment. Zero (0) vibration events occurred which exceeded the maximum specified peak particle velocity (PPV).

Reported By: RPC, P.E.	Reviewed By: JBS, P.E.

Start	October 26, 2026 07:32:06
Finish	October 26, 2026 11:59:59
Number of Intervals/Interval	17.86/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261026073206.IDFH
USB Sensor Support	Disabled

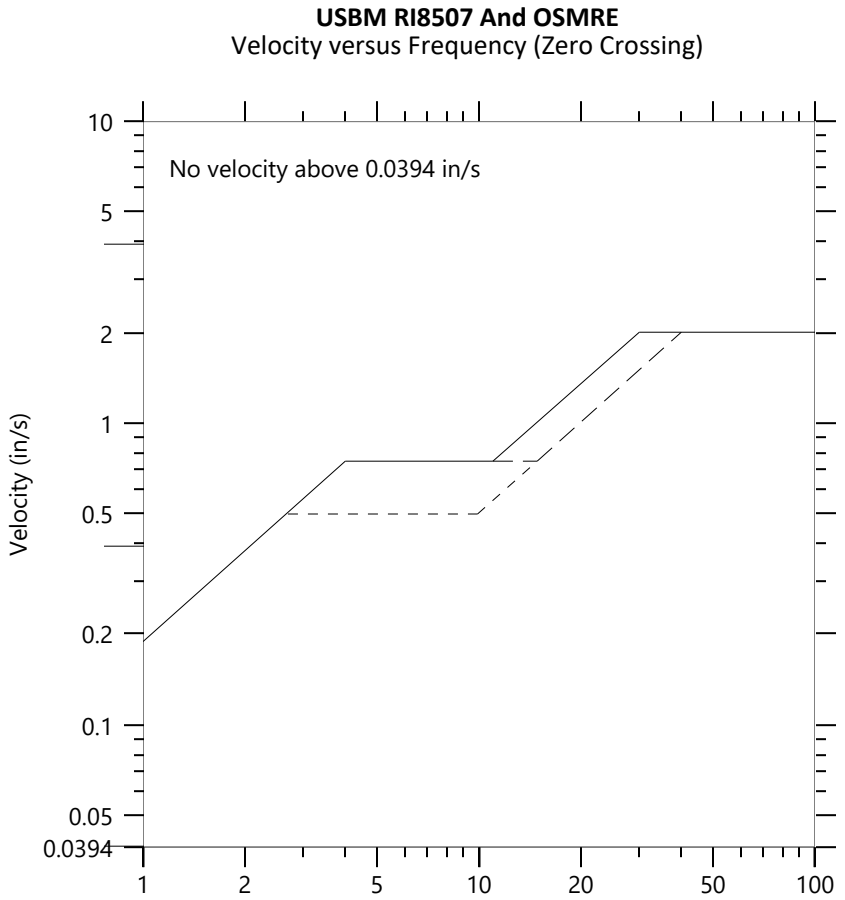
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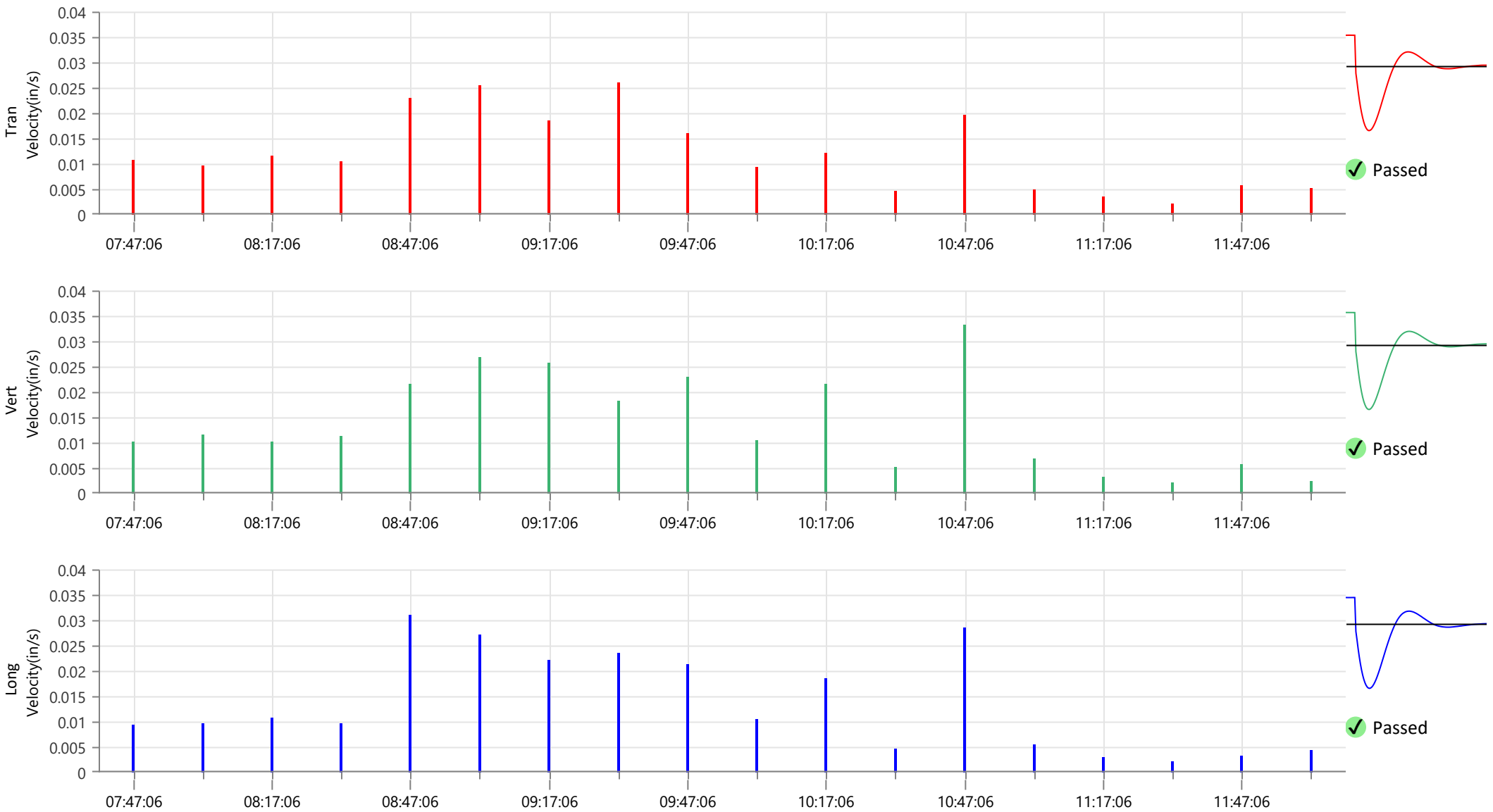
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0261 in/s	0.0332 in/s	0.0310 in/s
Zero Crossing Frequency	17.7 Hz	19.0 Hz	14.6 Hz
Date	Oct 26, 2026	Oct 26, 2026	Oct 26, 2026
Time	09:32:06	10:47:06	08:47:06
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.5	4.8

Peak Vector Sum 0.0401 in/s at October 26, 2026 10:47:06





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Start	October 26, 2026 12:02:06
Finish	October 26, 2026 16:59:59
Number of Intervals/Interval	19.86/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261026120206.IDFH
USB Sensor Support	Disabled

Notes

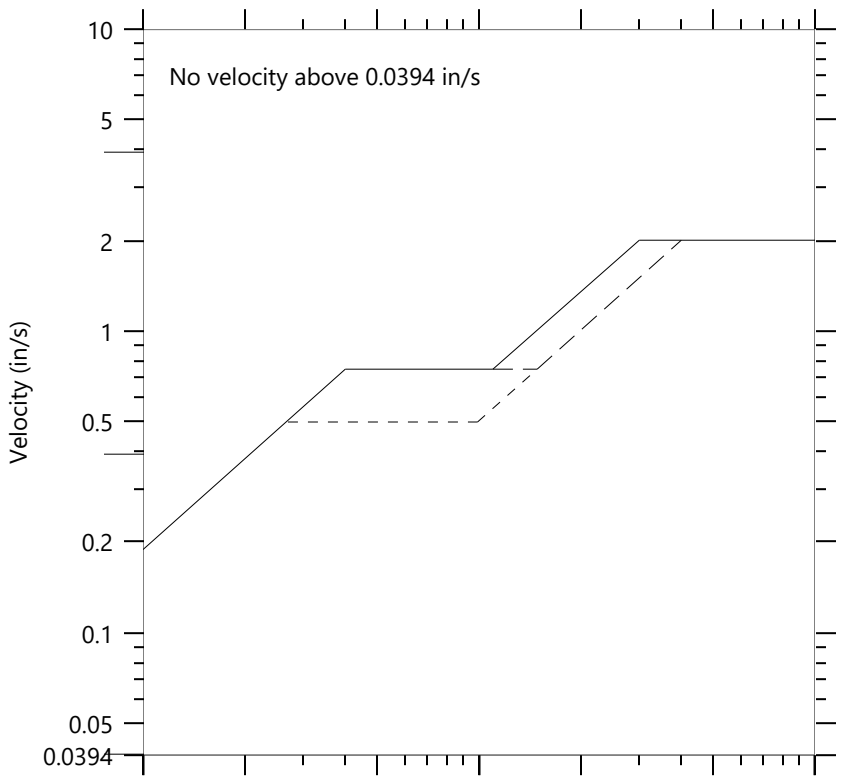
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

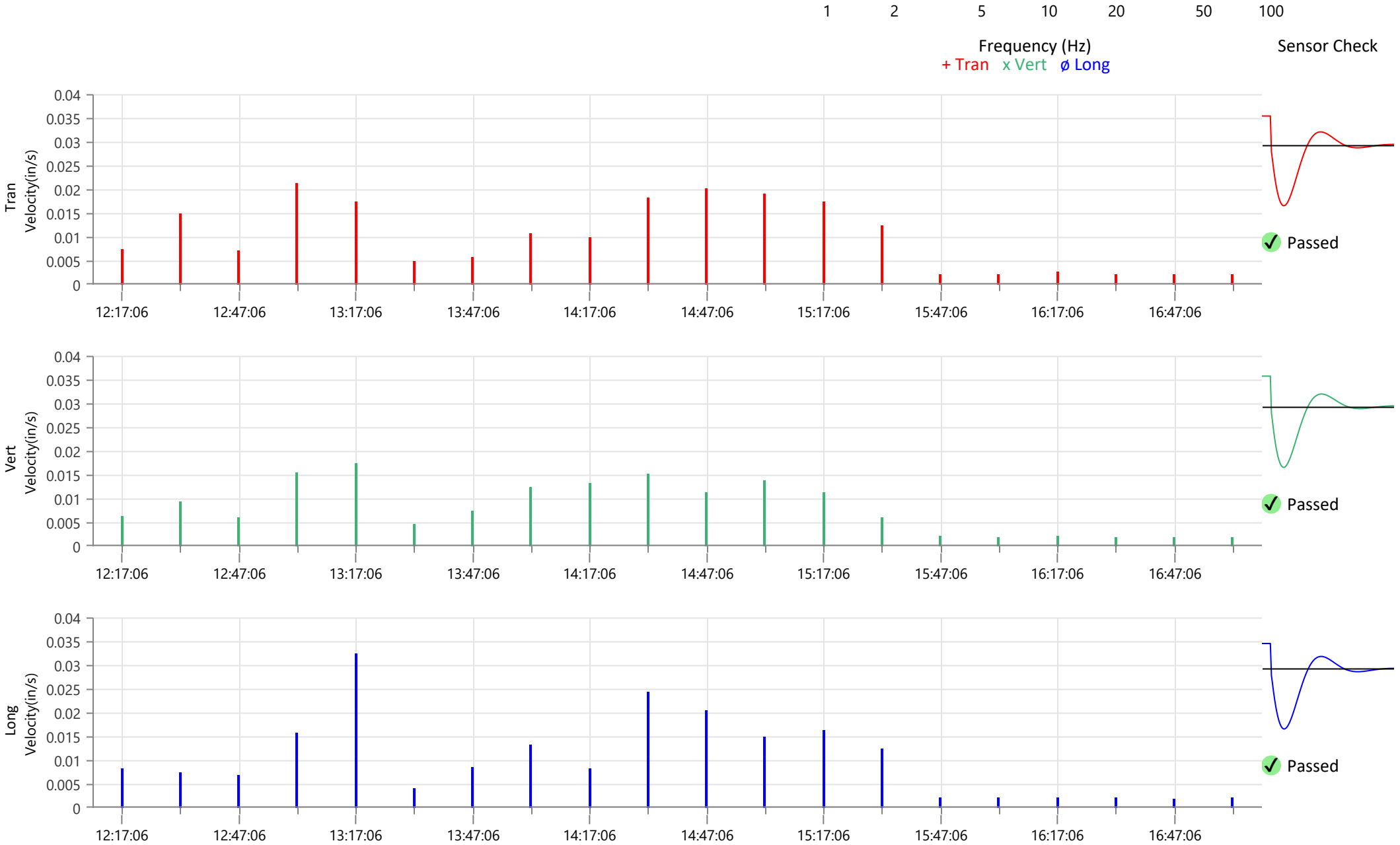
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0214 in/s	0.0174 in/s	0.0326 in/s
Zero Crossing Frequency	32.0 Hz	15.5 Hz	15.1 Hz
Date	Oct 26, 2026	Oct 26, 2026	Oct 26, 2026
Time	13:02:06	13:17:06	13:17:06
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.5	4.7

Peak Vector Sum 0.0337 in/s at October 26, 2026 13:17:06

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





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Start	October 26, 2026 17:02:06
Finish	October 27, 2026 07:29:59
Number of Intervals/Interval	57.86/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261026170206.IDFH
USB Sensor Support	Disabled

Notes

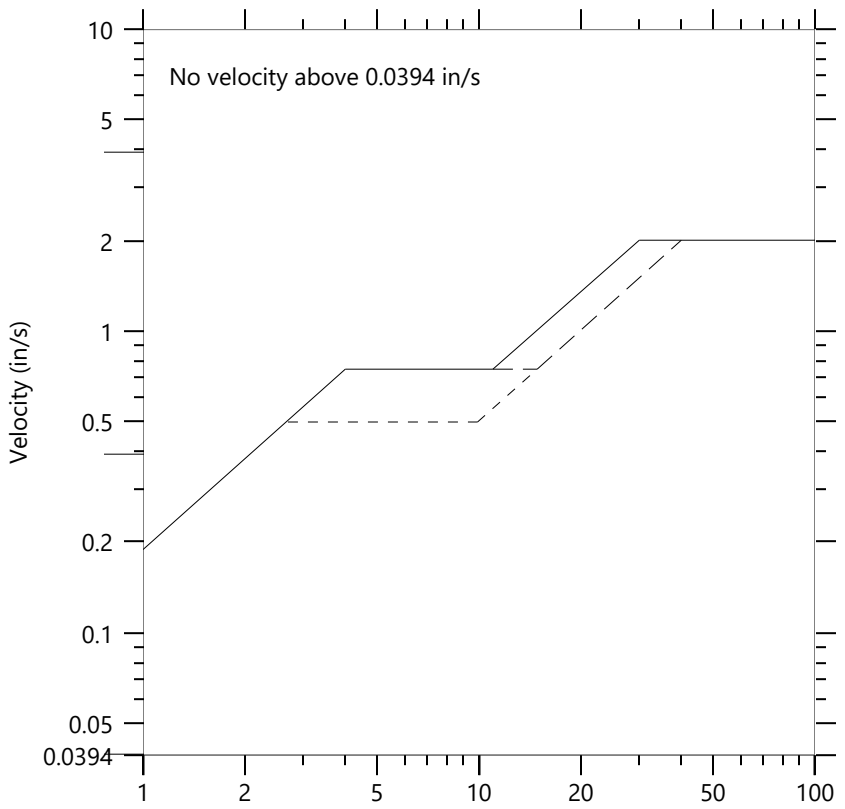
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

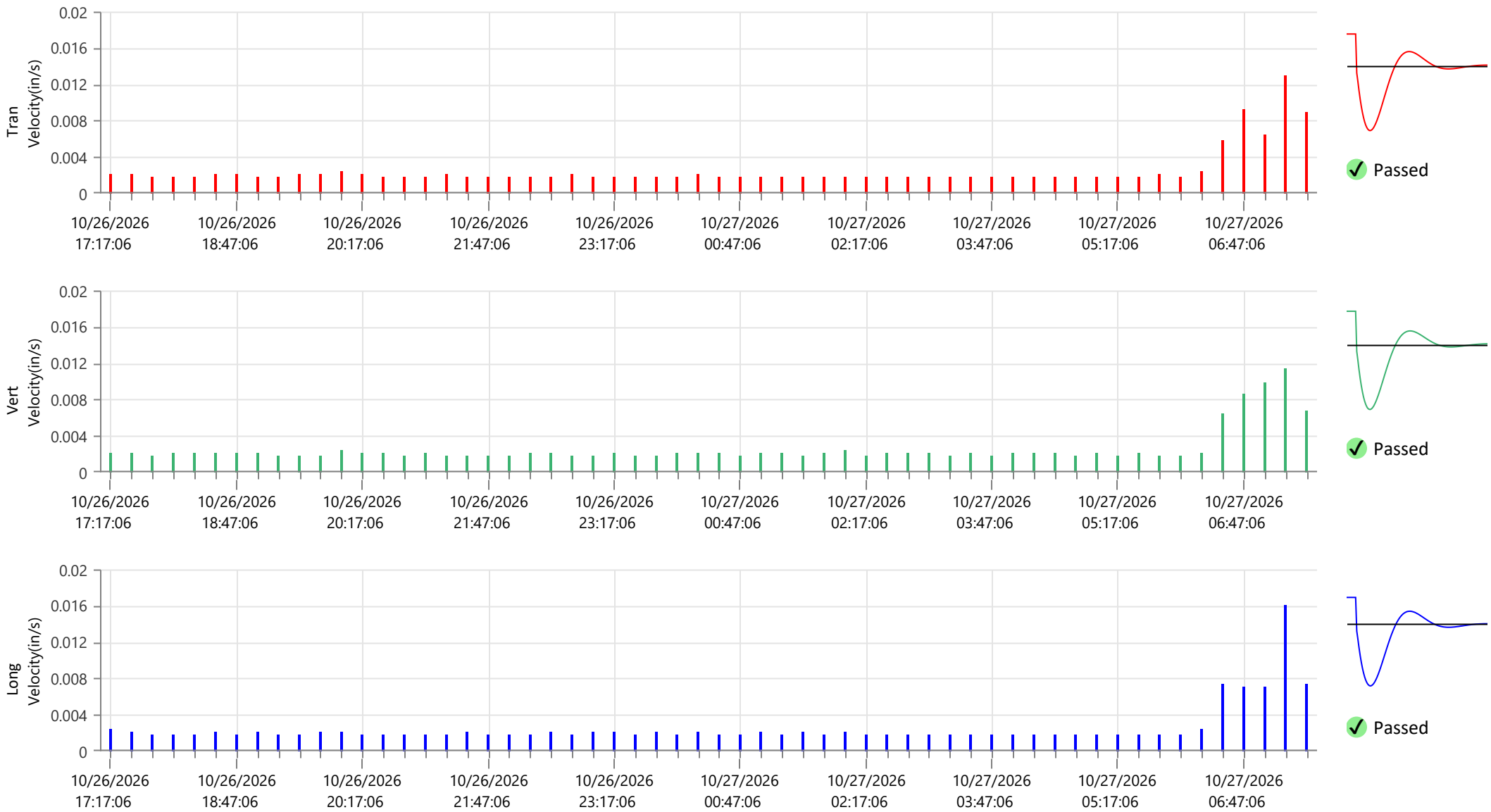
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0130 in/s	0.0115 in/s	0.0161 in/s
Zero Crossing Frequency	14.6 Hz	13.5 Hz	28.4 Hz
Date	Oct 27, 2026	Oct 27, 2026	Oct 27, 2026
Time	07:17:06	07:17:06	07:17:06
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.2	4.4	4.7

Peak Vector Sum 0.0182 in/s at October 27, 2026 07:17:06

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





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Start	October 27, 2026 07:32:06
Finish	October 27, 2026 08:19:41
Number of Intervals/Interval	3.17/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261027073206.IDFH
USB Sensor Support	Disabled

Notes

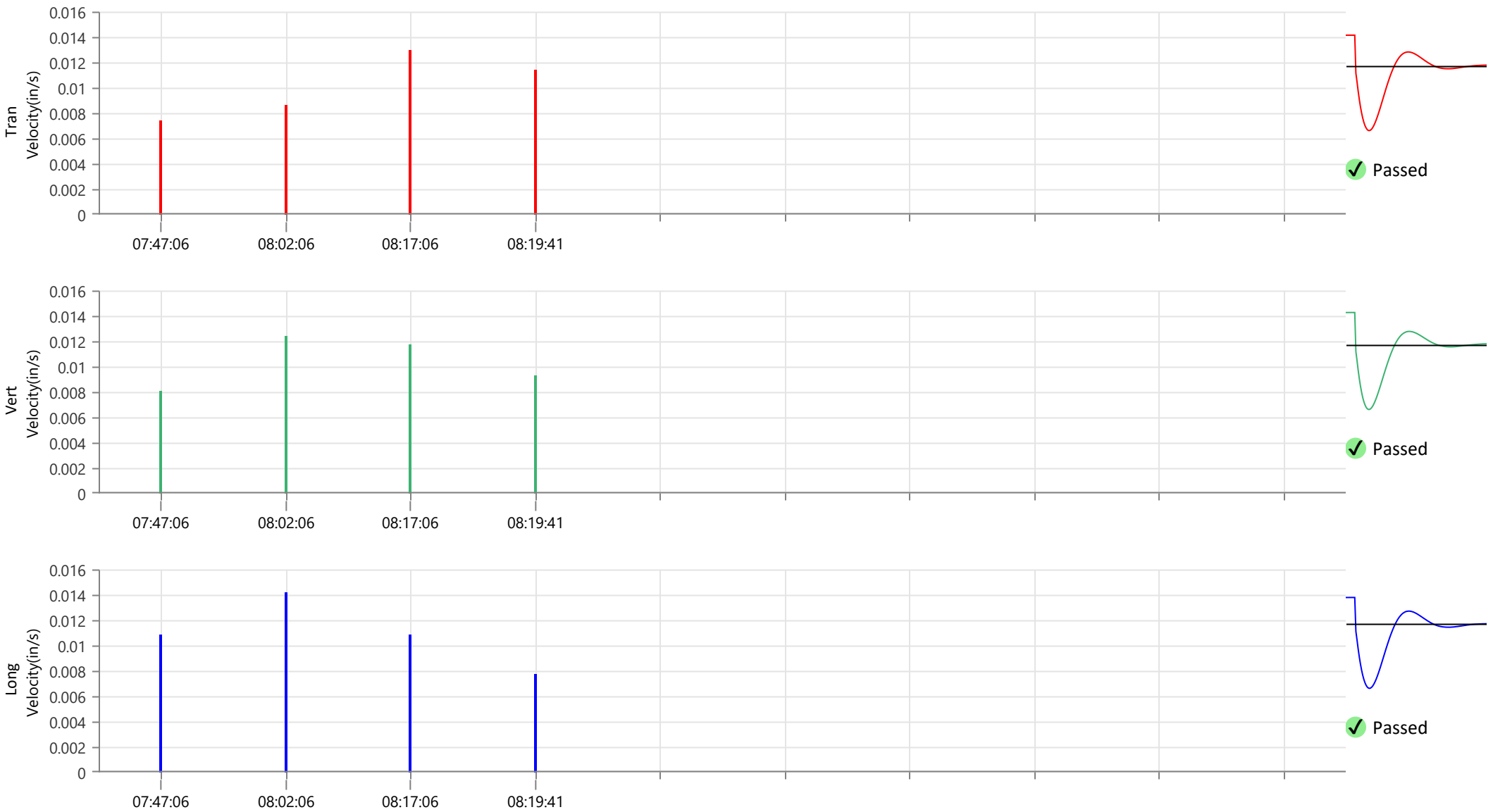
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0130 in/s	0.0124 in/s	0.0143 in/s
Zero Crossing Frequency	16.5 Hz	11.4 Hz	12.5 Hz
Date	Oct 27, 2026	Oct 27, 2026	Oct 27, 2026
Time	08:17:06	08:02:06	08:02:06
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.5	4.8

Peak Vector Sum 0.0161 in/s at October 27, 2026 08:17:06

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Format © 2021 Xmark Corporation

Start	October 27, 2026 08:25:32
Finish	October 27, 2026 11:59:59
Number of Intervals/Interval	14.30/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261027082532.IDFH
USB Sensor Support	Disabled

Notes

Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

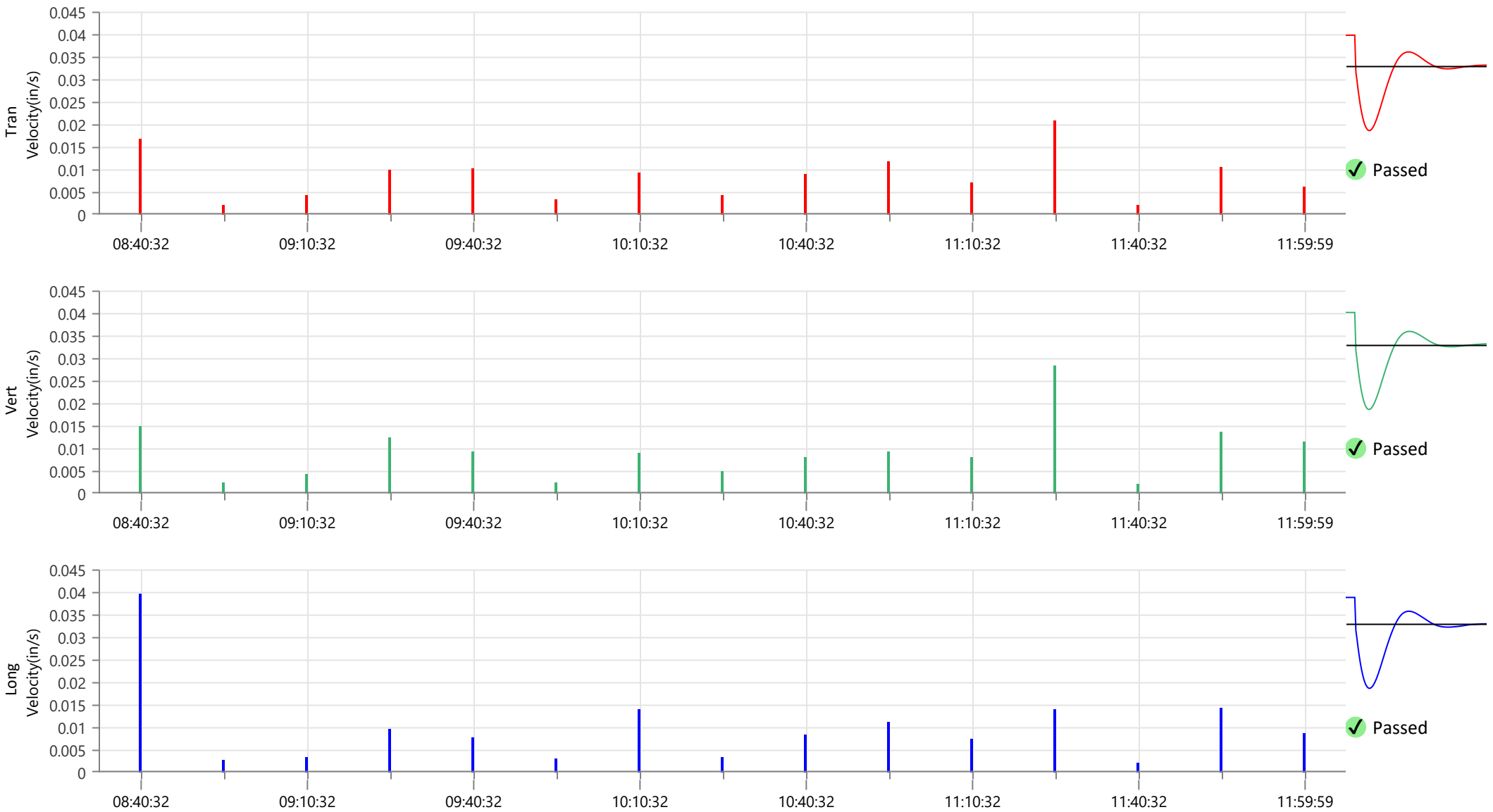
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0208 in/s	0.0285 in/s	0.0397 in/s
Zero Crossing Frequency	13.5 Hz	13.5 Hz	73.1 Hz
Date	Oct 27, 2026	Oct 27, 2026	Oct 27, 2026
Time	11:25:32	11:25:32	08:40:32
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.5	4.8

Peak Vector Sum 0.0428 in/s at October 27, 2026 08:40:32

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)

Sensor Check



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Start	October 27, 2026 12:30:06
Finish	October 27, 2026 16:59:59
Number of Intervals/Interval	17.99/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261027123006.IDFH
USB Sensor Support	Disabled

Notes

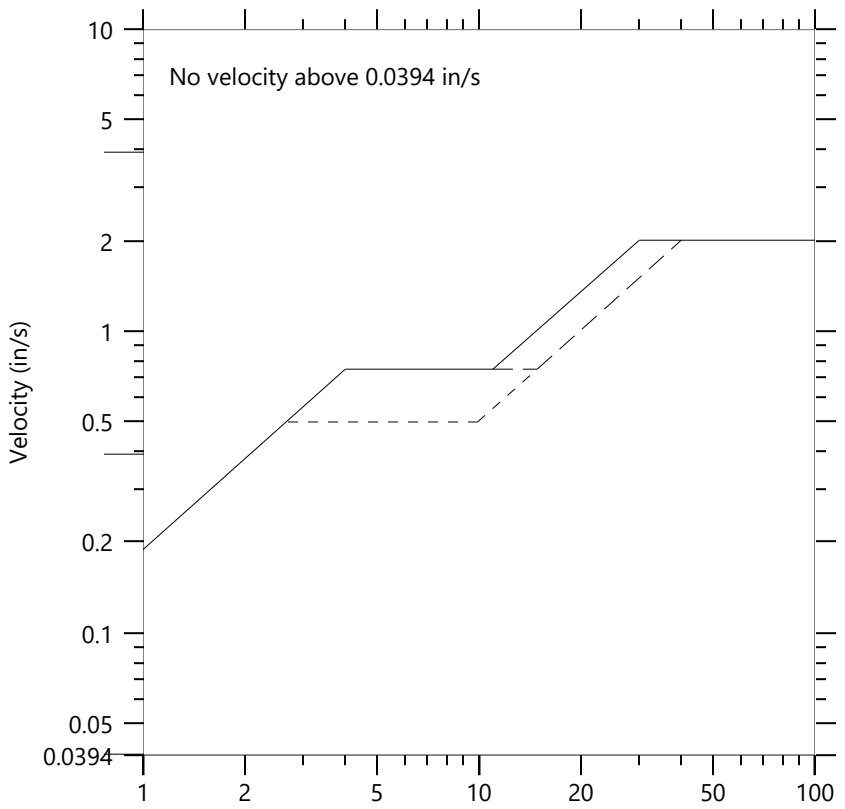
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

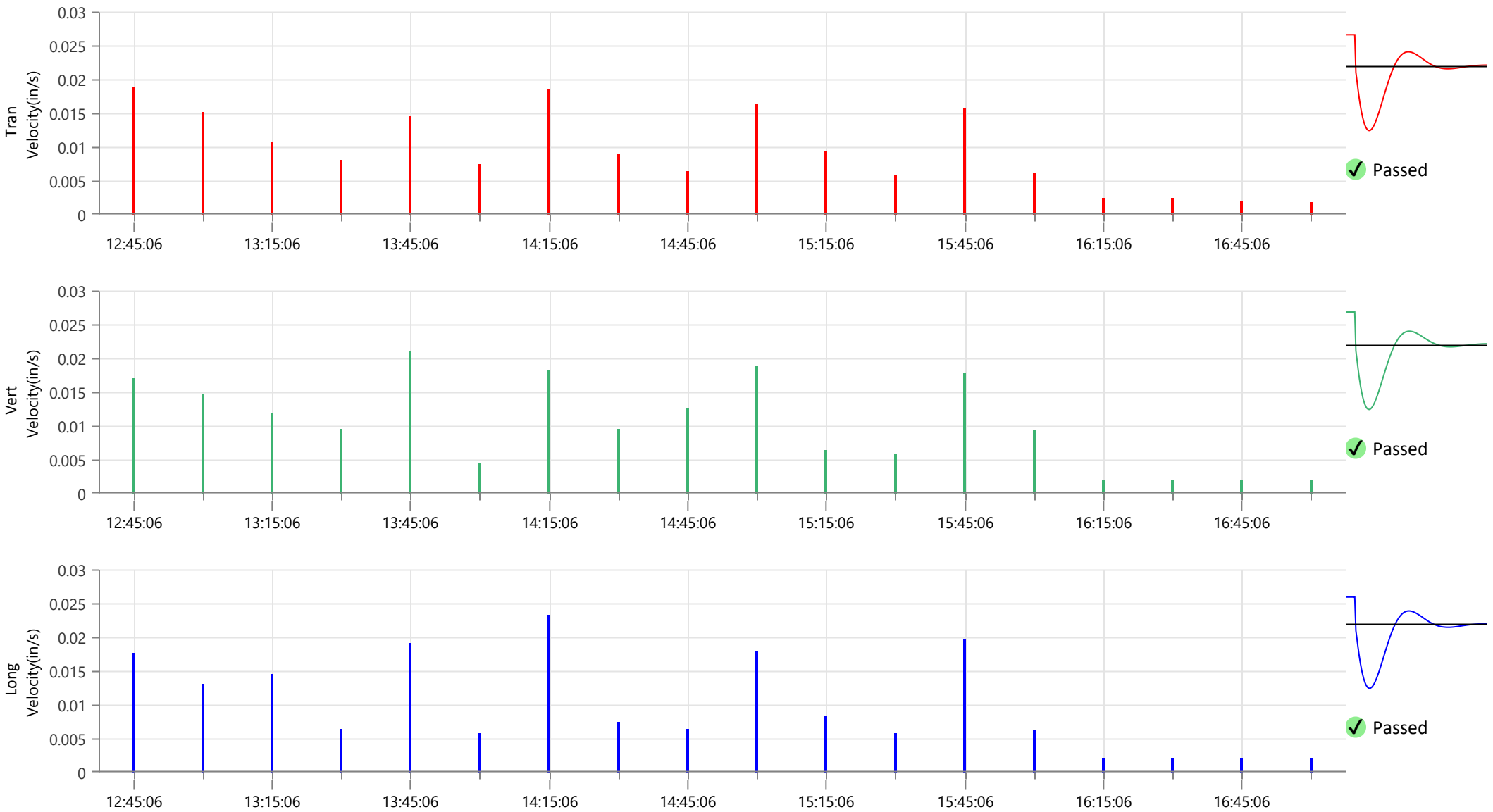
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0189 in/s	0.0211 in/s	0.0233 in/s
Zero Crossing Frequency	34.1 Hz	13.5 Hz	19.0 Hz
Date	Oct 27, 2026	Oct 27, 2026	Oct 27, 2026
Time	12:45:06	13:45:06	14:15:06
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.4	4.7

Peak Vector Sum 0.0287 in/s at October 27, 2026 14:15:06

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





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Start	October 27, 2026 17:21:28
Finish	October 28, 2026 07:29:59
Number of Intervals/Interval	56.57/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261027172128.IDFH
USB Sensor Support	Disabled

Notes

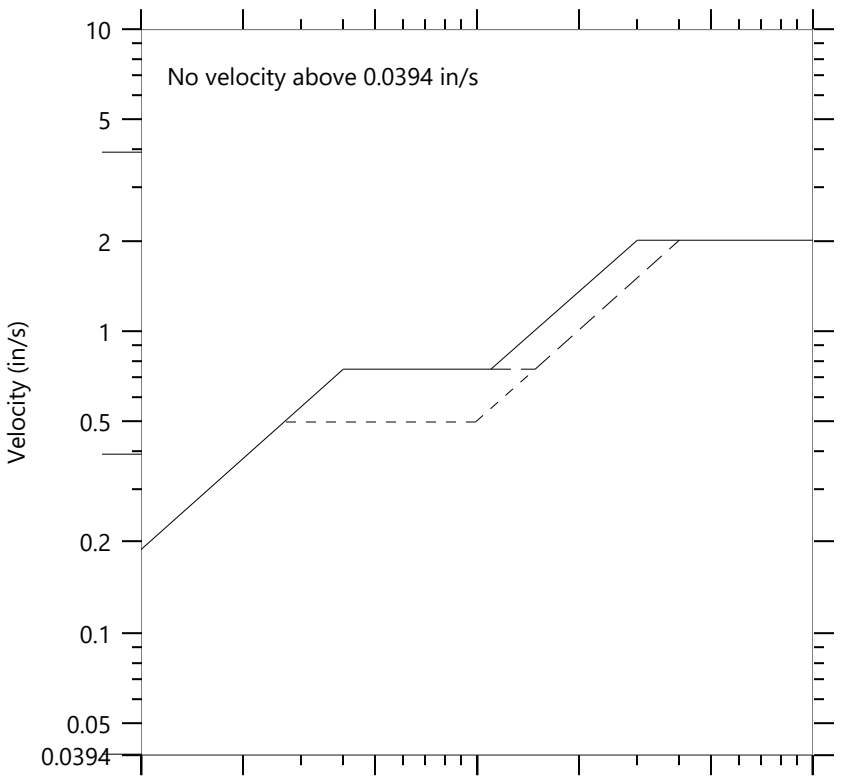
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0177 in/s	0.0270 in/s	0.0273 in/s
Zero Crossing Frequency	15.1 Hz	14.6 Hz	19.0 Hz
Date	Oct 28, 2026	Oct 28, 2026	Oct 28, 2026
Time	06:36:28	06:36:28	06:36:28
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.4	4.7

Peak Vector Sum 0.0320 in/s at October 28, 2026 06:36:28

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Sensor Check



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Start	October 28, 2026 07:30:18
Finish	October 28, 2026 09:49:21
Number of Intervals/Interval	9.27/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261028073018.IDFH
USB Sensor Support	Disabled

Notes

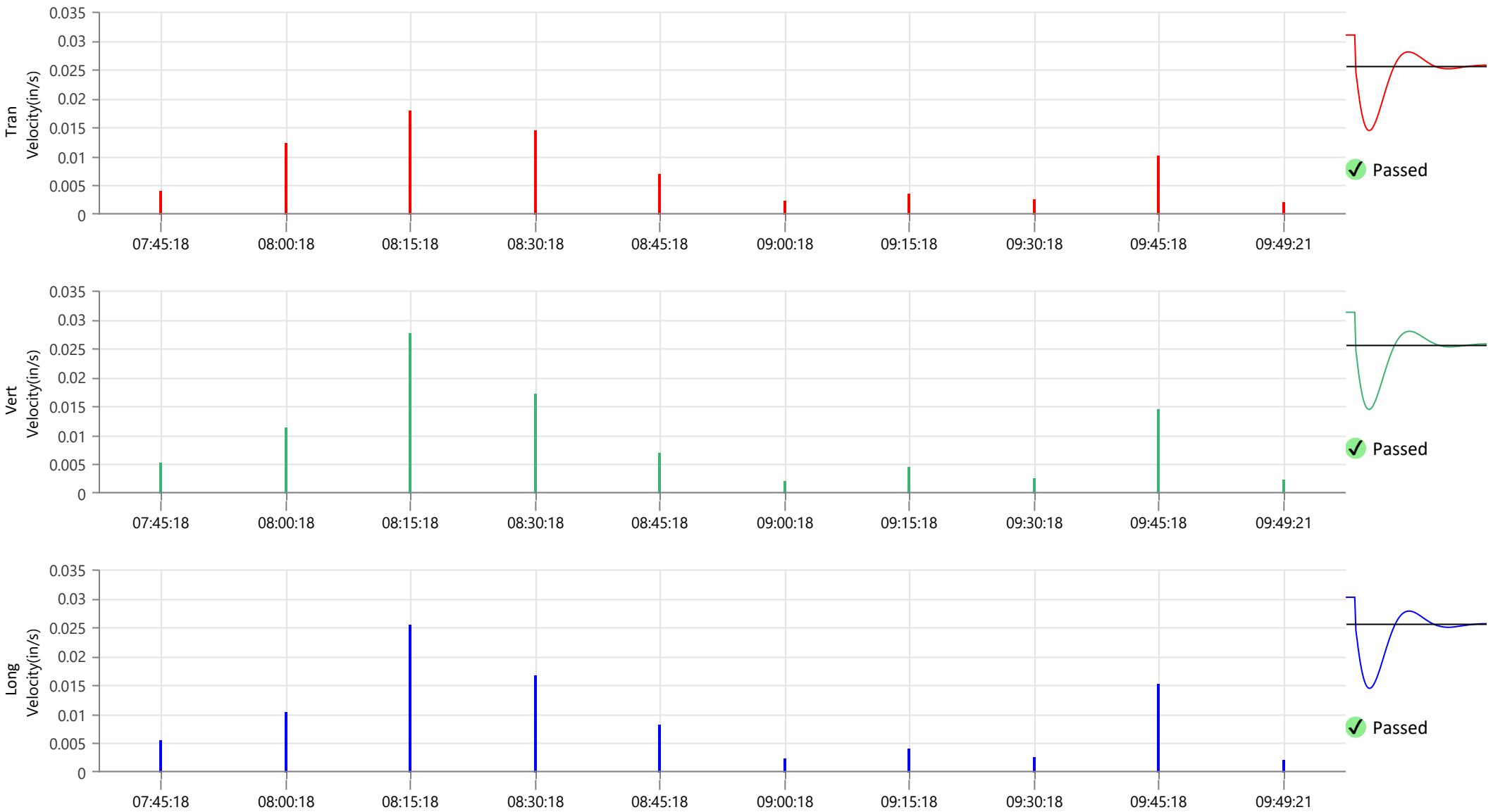
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0180 in/s	0.0276 in/s	0.0254 in/s
Zero Crossing Frequency	14.6 Hz	15.1 Hz	15.5 Hz
Date	Oct 28, 2026	Oct 28, 2026	Oct 28, 2026
Time	08:15:18	08:15:18	08:15:18
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.5	4.8

Peak Vector Sum 0.0349 in/s at October 28, 2026 08:15:18

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



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Start	October 28, 2026 09:50:05
Finish	October 28, 2026 11:59:59
Number of Intervals/Interval	8.66/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261028095005.IDFH
USB Sensor Support	Disabled

Notes

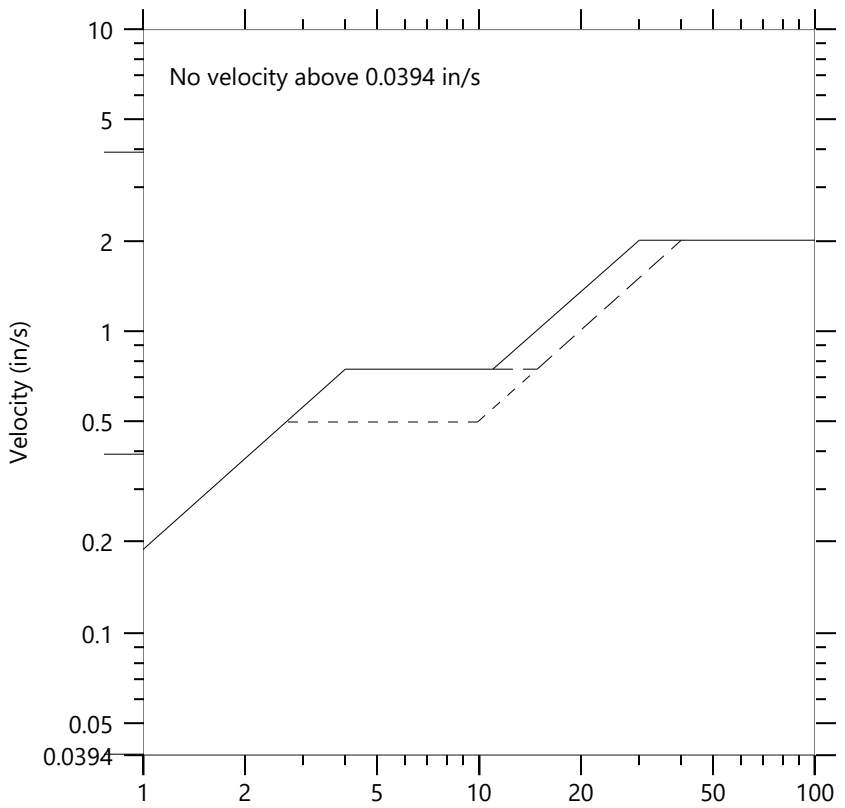
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

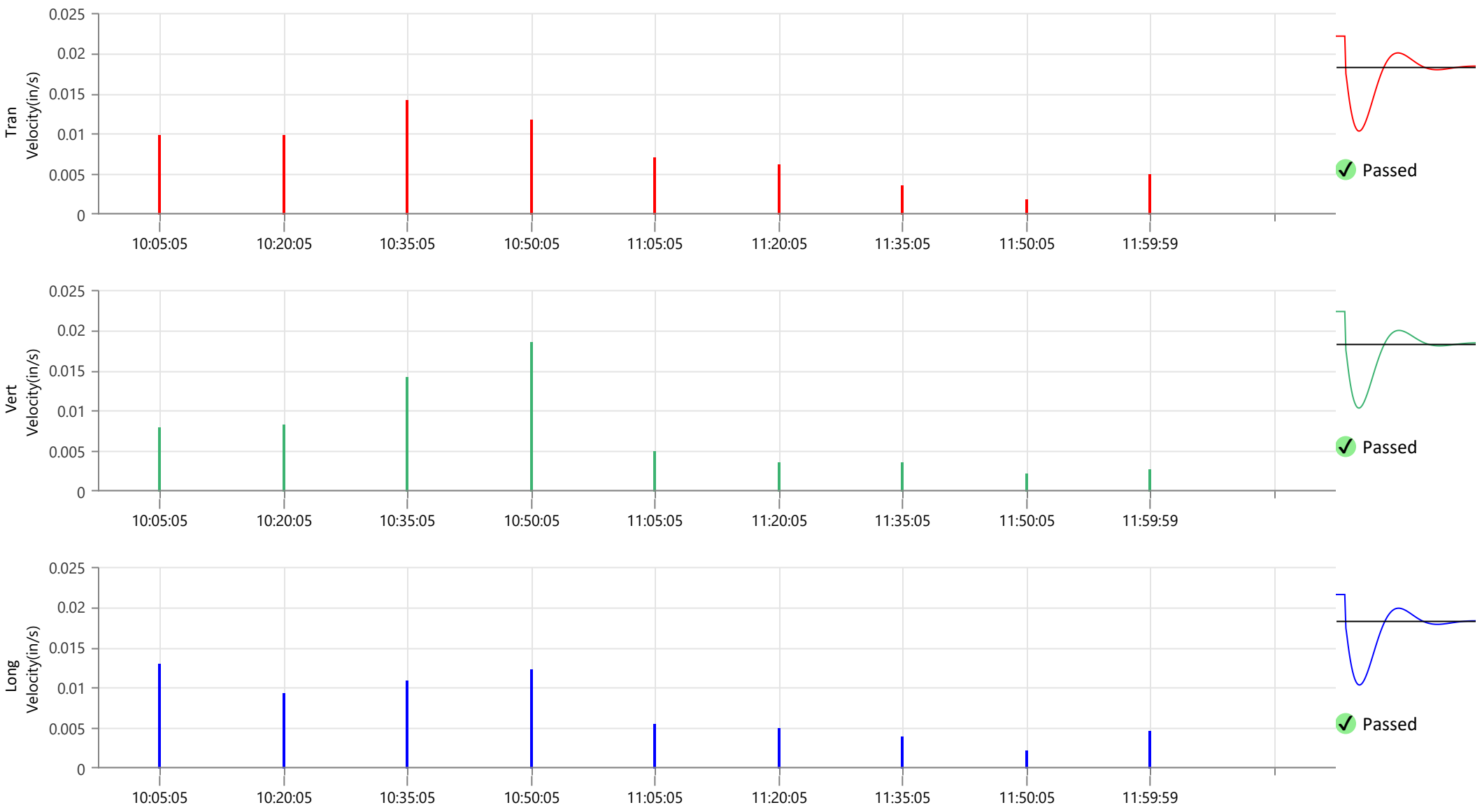
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0143 in/s	0.0186 in/s	0.0130 in/s
Zero Crossing Frequency	5.6 Hz	13.8 Hz	15.1 Hz
Date	Oct 28, 2026	Oct 28, 2026	Oct 28, 2026
Time	10:35:05	10:50:05	10:05:05
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.5	4.8

Peak Vector Sum 0.0197 in/s at October 28, 2026 10:50:05

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





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Start	October 28, 2026 12:00:18
Finish	October 28, 2026 16:59:59
Number of Intervals/Interval	19.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261028120018.IDFH
USB Sensor Support	Disabled

Notes

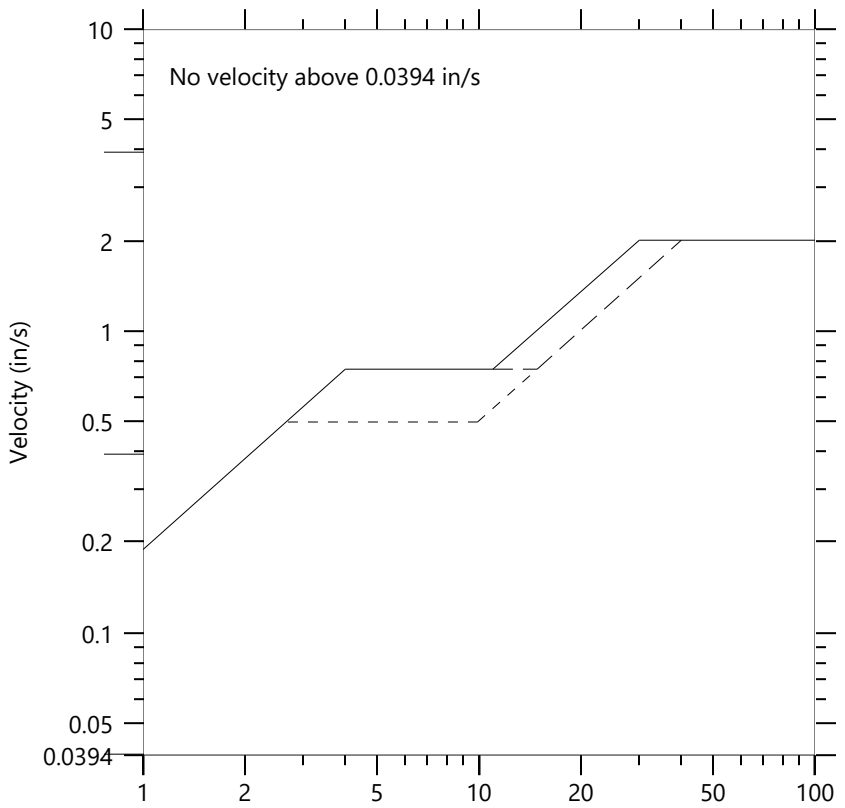
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0149 in/s	0.0171 in/s	0.0112 in/s
Zero Crossing Frequency	17.1 Hz	11.1 Hz	18.3 Hz
Date	Oct 28, 2026	Oct 28, 2026	Oct 28, 2026
Time	12:15:18	13:00:18	12:30:18
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.5	4.7

Peak Vector Sum 0.0171 in/s at October 28, 2026 13:00:18

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





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Start	October 28, 2026 17:00:16
Finish	October 29, 2026 07:29:59
Number of Intervals/Interval	57.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261028170016.IDFH
USB Sensor Support	Disabled

Notes

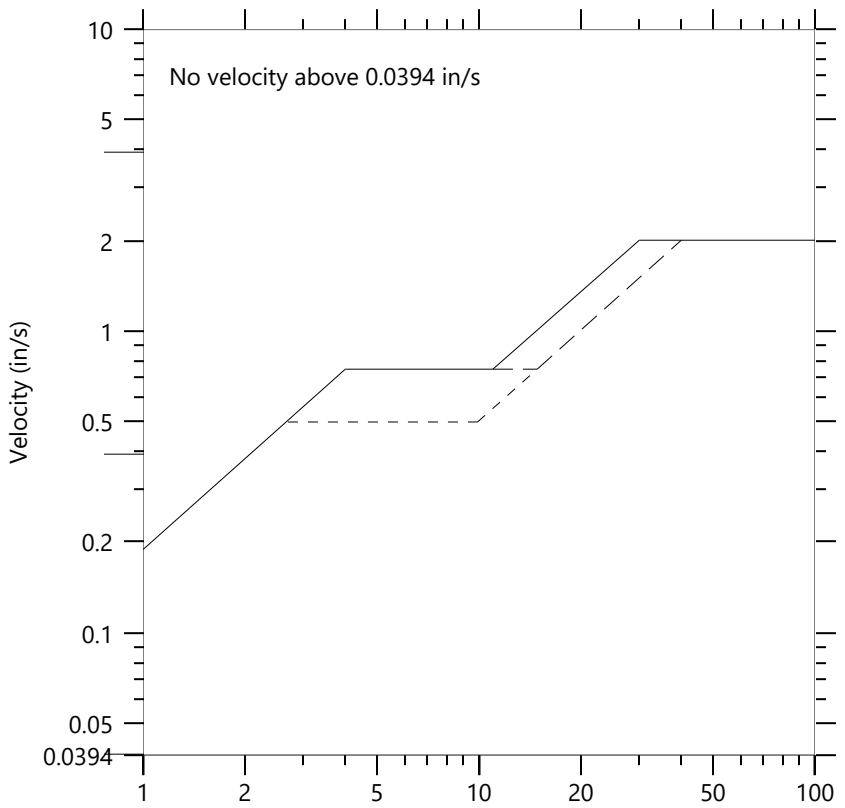
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

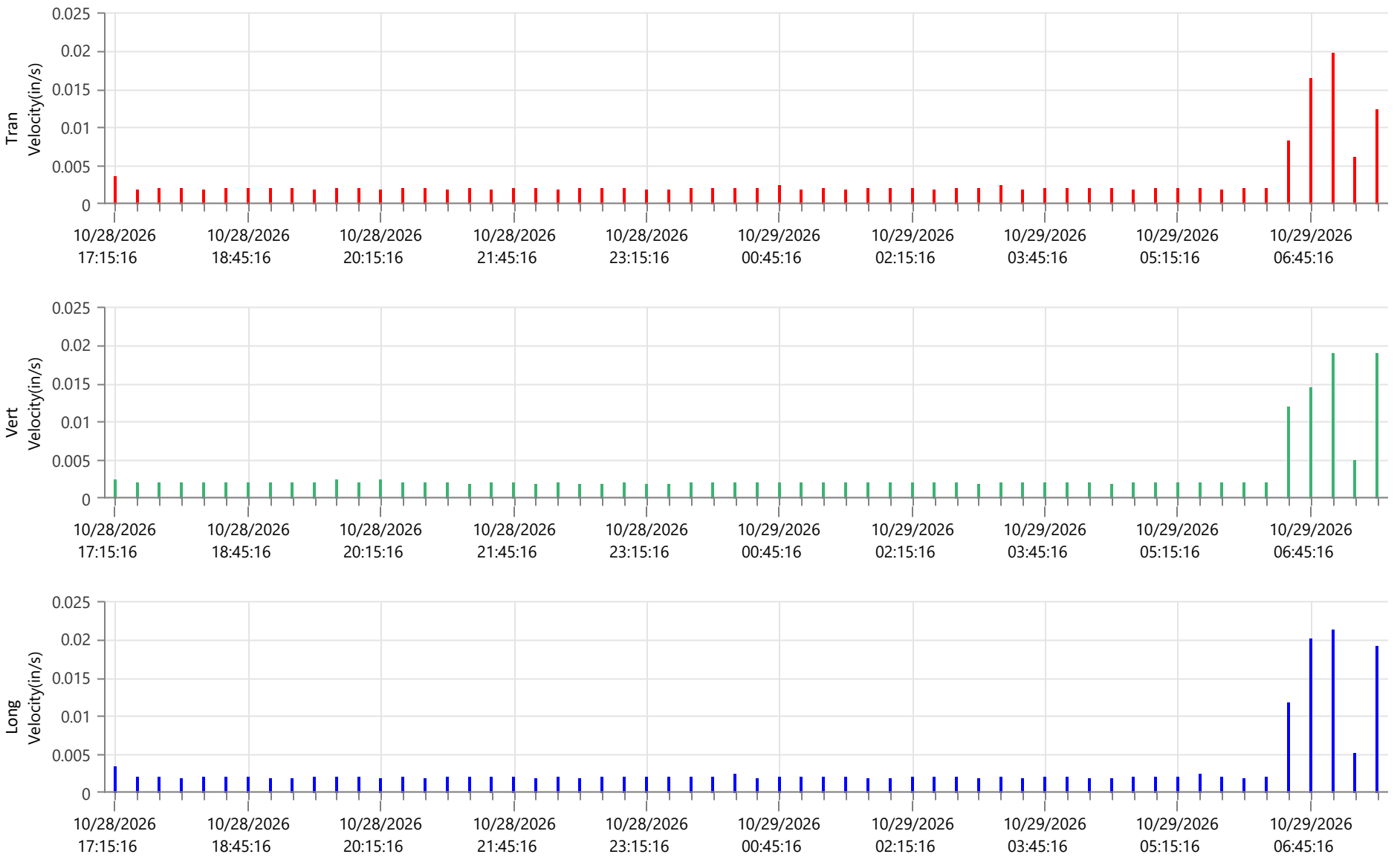
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0199 in/s	0.0189 in/s	0.0214 in/s
Zero Crossing Frequency	18.3 Hz	13.8 Hz	28.4 Hz
Date	Oct 29, 2026	Oct 29, 2026	Oct 29, 2026
Time	07:00:16	07:00:16	07:00:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.2	4.3	4.6

Peak Vector Sum 0.0269 in/s at October 29, 2026 07:00:16

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





Format © 2021 Xmark Corporation

Start	October 29, 2026 07:30:17
Finish	October 29, 2026 11:59:59
Number of Intervals/Interval	17.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261029073017.IDFH
USB Sensor Support	Disabled

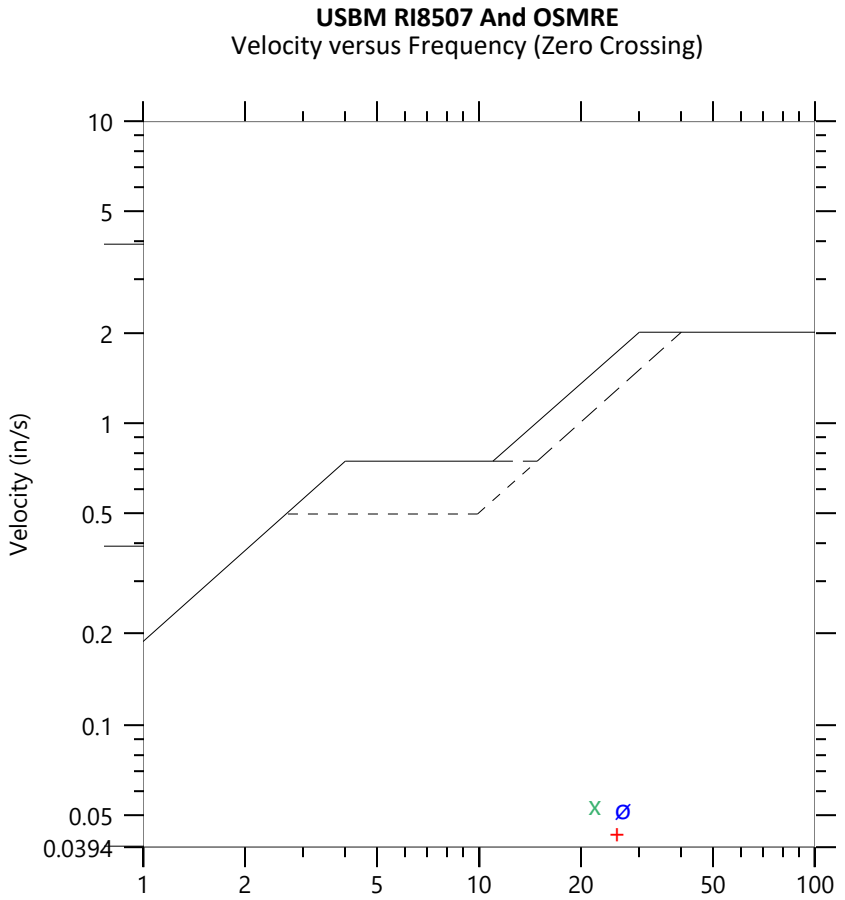
Notes

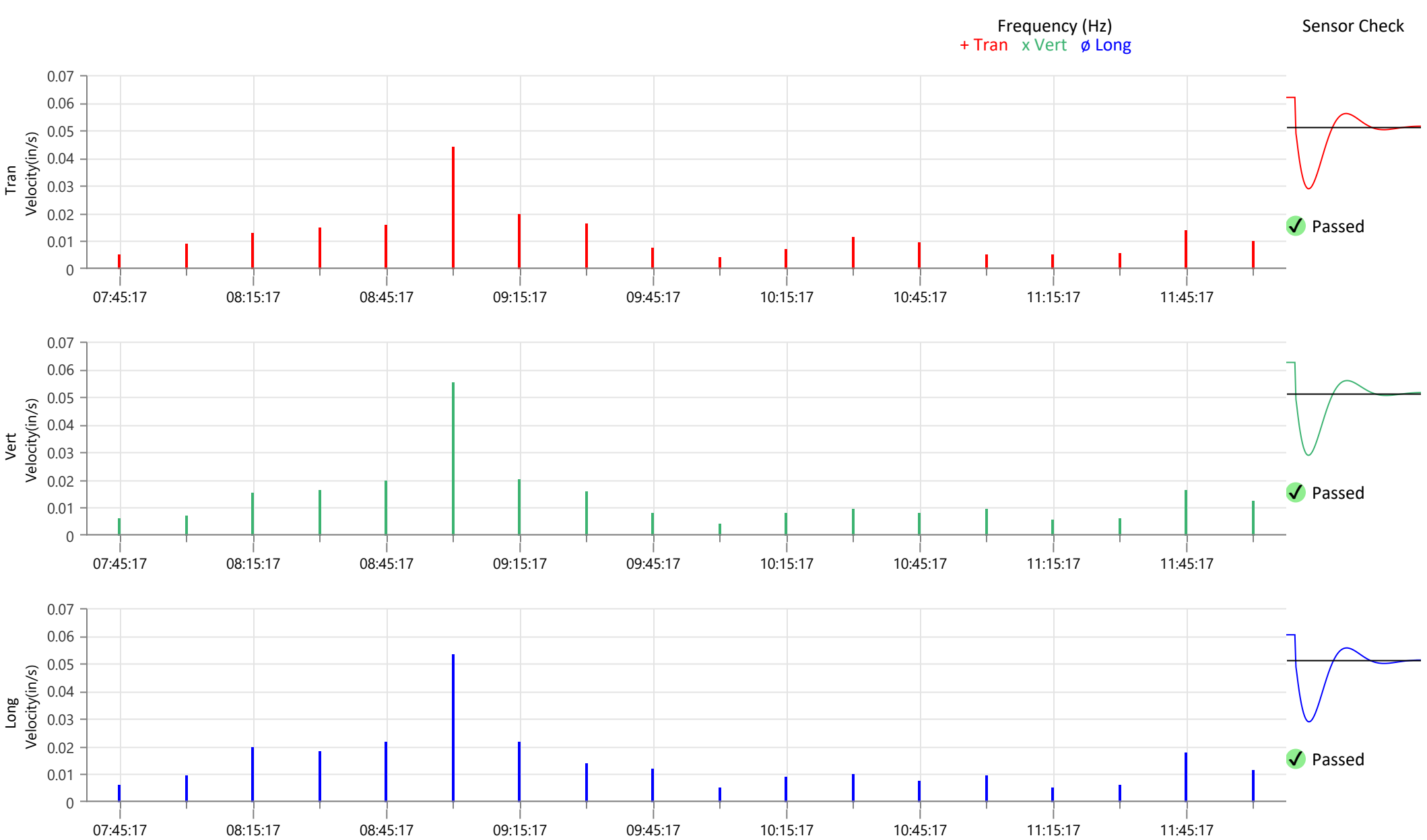
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0444 in/s	0.0552 in/s	0.0534 in/s
Zero Crossing Frequency	25.6 Hz	22.3 Hz	26.9 Hz
Date	Oct 29, 2026	Oct 29, 2026	Oct 29, 2026
Time	09:00:17	09:00:17	09:00:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.5	4.8

Peak Vector Sum 0.0716 in/s at October 29, 2026 09:00:17





Format © 2021 Xmark Corporation

Start	October 29, 2026 12:00:19
Finish	October 29, 2026 16:59:59
Number of Intervals/Interval	19.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261029120019.IDFH
USB Sensor Support	Disabled

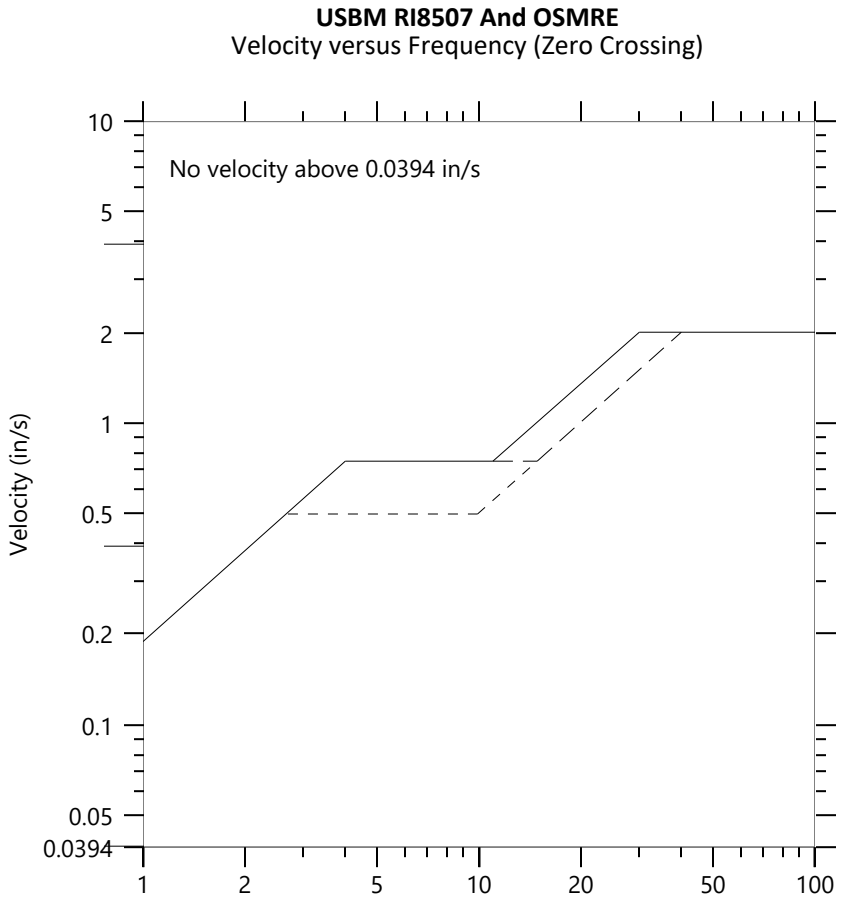
Notes

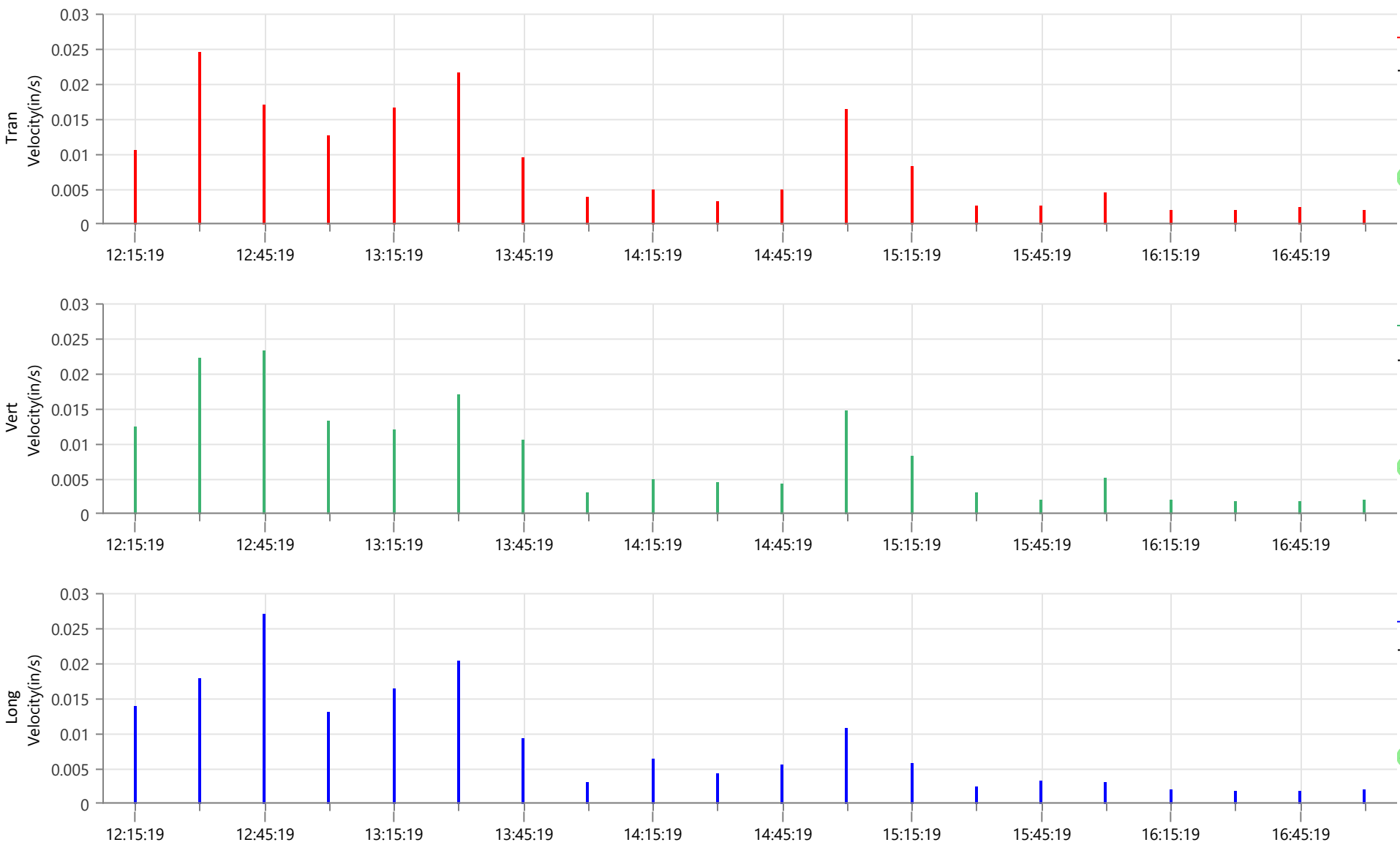
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0245 in/s	0.0233 in/s	0.0270 in/s
Zero Crossing Frequency	19.0 Hz	22.3 Hz	17.1 Hz
Date	Oct 29, 2026	Oct 29, 2026	Oct 29, 2026
Time	12:30:19	12:45:19	12:45:19
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.4	4.7

Peak Vector Sum 0.0334 in/s at October 29, 2026 12:45:19





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Start	October 29, 2026 17:00:16
Finish	October 30, 2026 07:29:59
Number of Intervals/Interval	57.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261029170016.IDFH
USB Sensor Support	Disabled

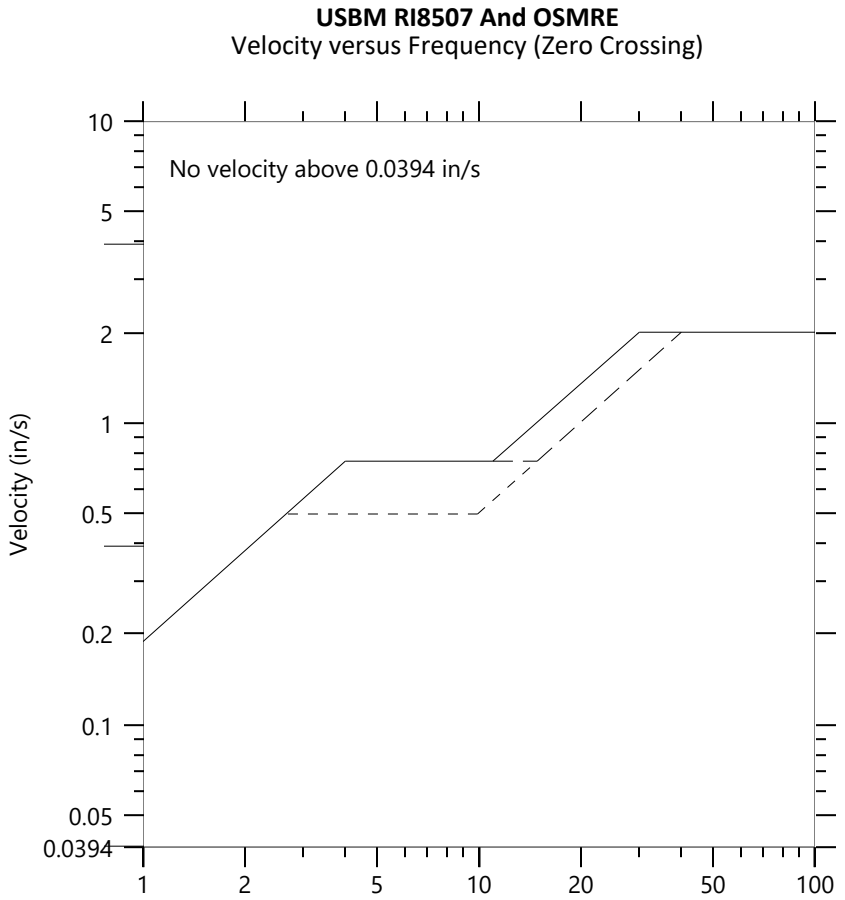
Notes

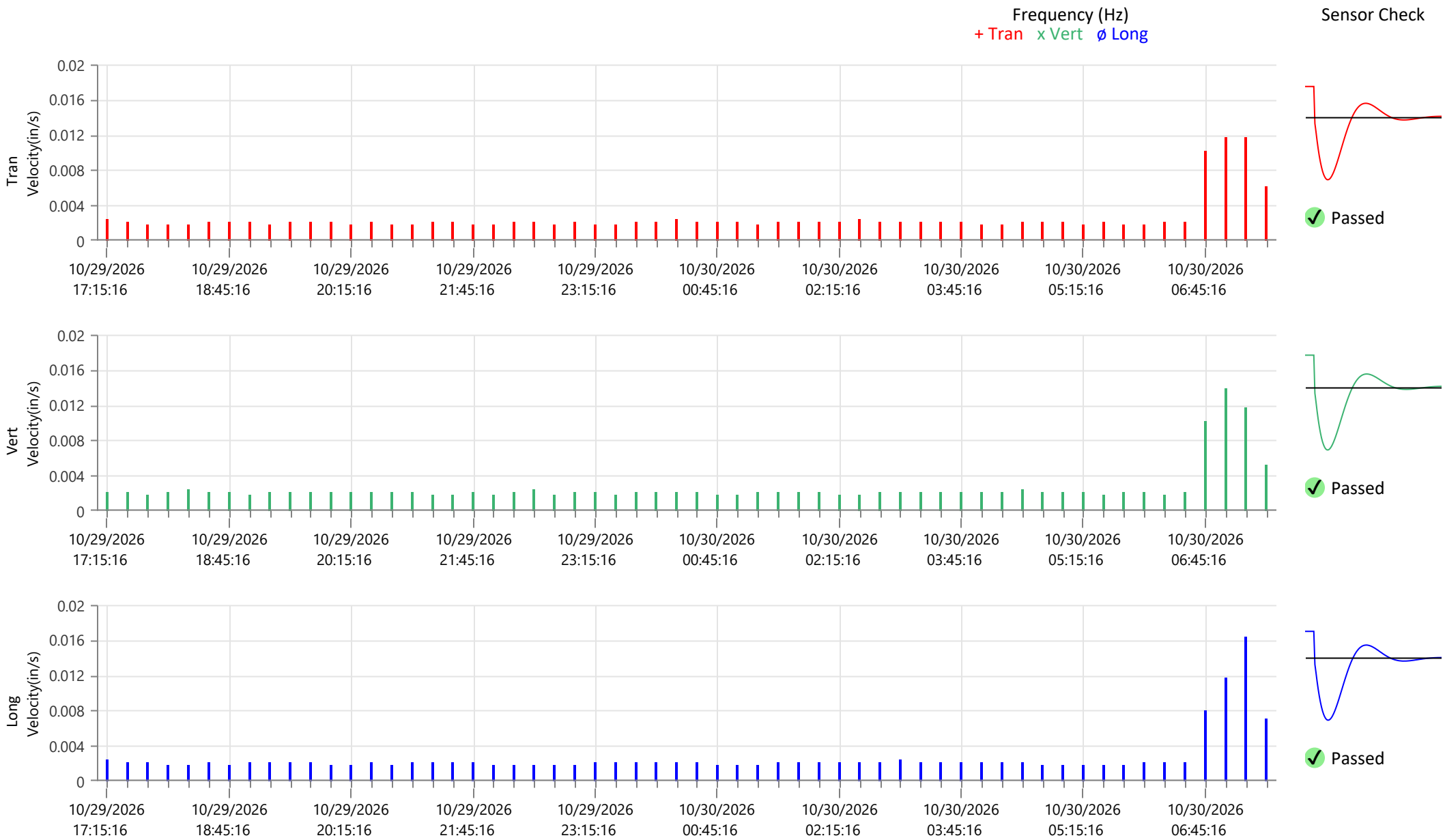
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0118 in/s	0.0140 in/s	0.0164 in/s
Zero Crossing Frequency	15.5 Hz	13.5 Hz	14.2 Hz
Date	Oct 30, 2026	Oct 30, 2026	Oct 30, 2026
Time	07:00:16	07:00:16	07:15:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.4	4.7

Peak Vector Sum 0.0175 in/s at October 30, 2026 07:15:16





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Start	October 30, 2026 07:30:18
Finish	October 30, 2026 11:59:59
Number of Intervals/Interval	17.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261030073018.IDFH
USB Sensor Support	Disabled

Notes

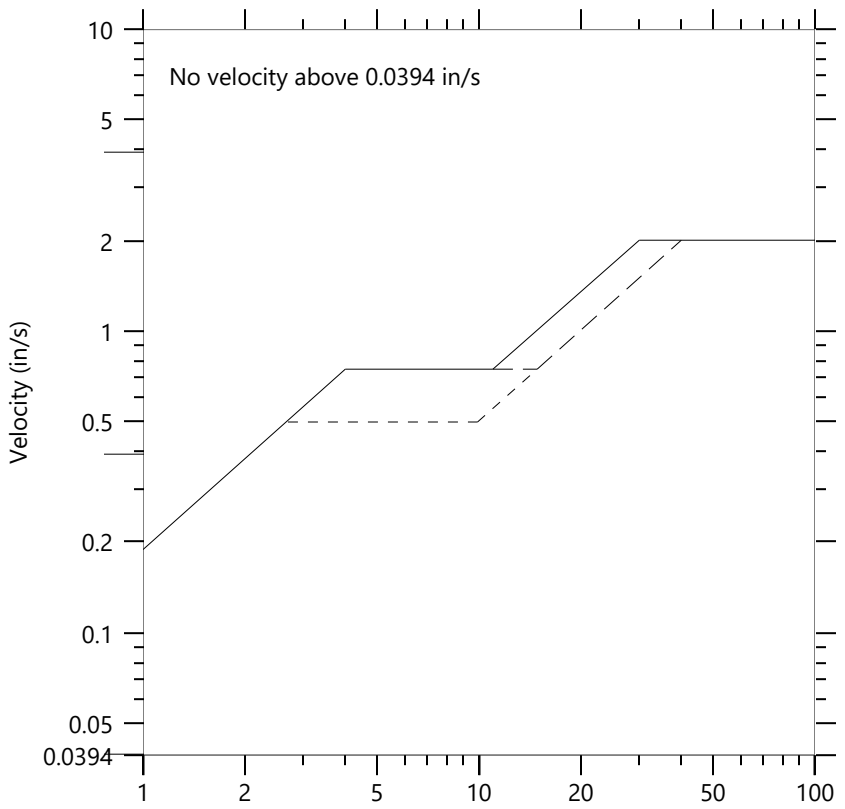
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0239 in/s	0.0298 in/s	0.0366 in/s
Zero Crossing Frequency	26.9 Hz	32.0 Hz	32.0 Hz
Date	Oct 30, 2026	Oct 30, 2026	Oct 30, 2026
Time	09:15:18	11:59:59	11:59:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.5	4.8

Peak Vector Sum 0.0399 in/s at October 30, 2026 12:00:18

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Sensor Check



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Start	October 30, 2026 12:00:17
Finish	October 30, 2026 16:59:59
Number of Intervals/Interval	19.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261030120017.IDFH
USB Sensor Support	Disabled

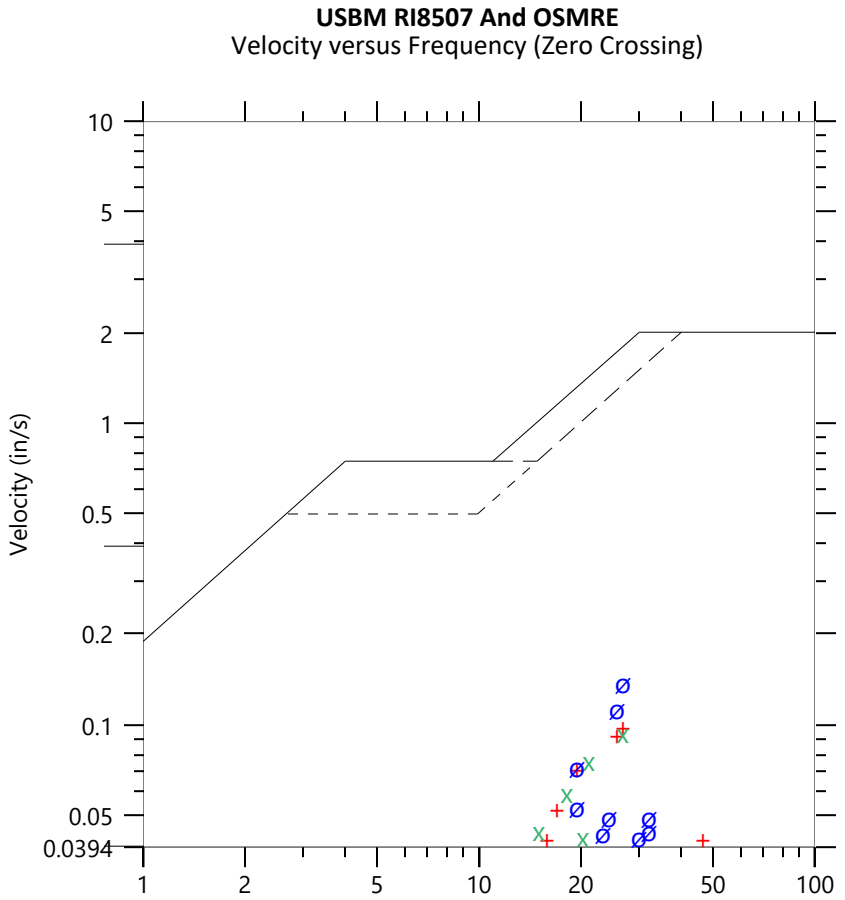
Notes

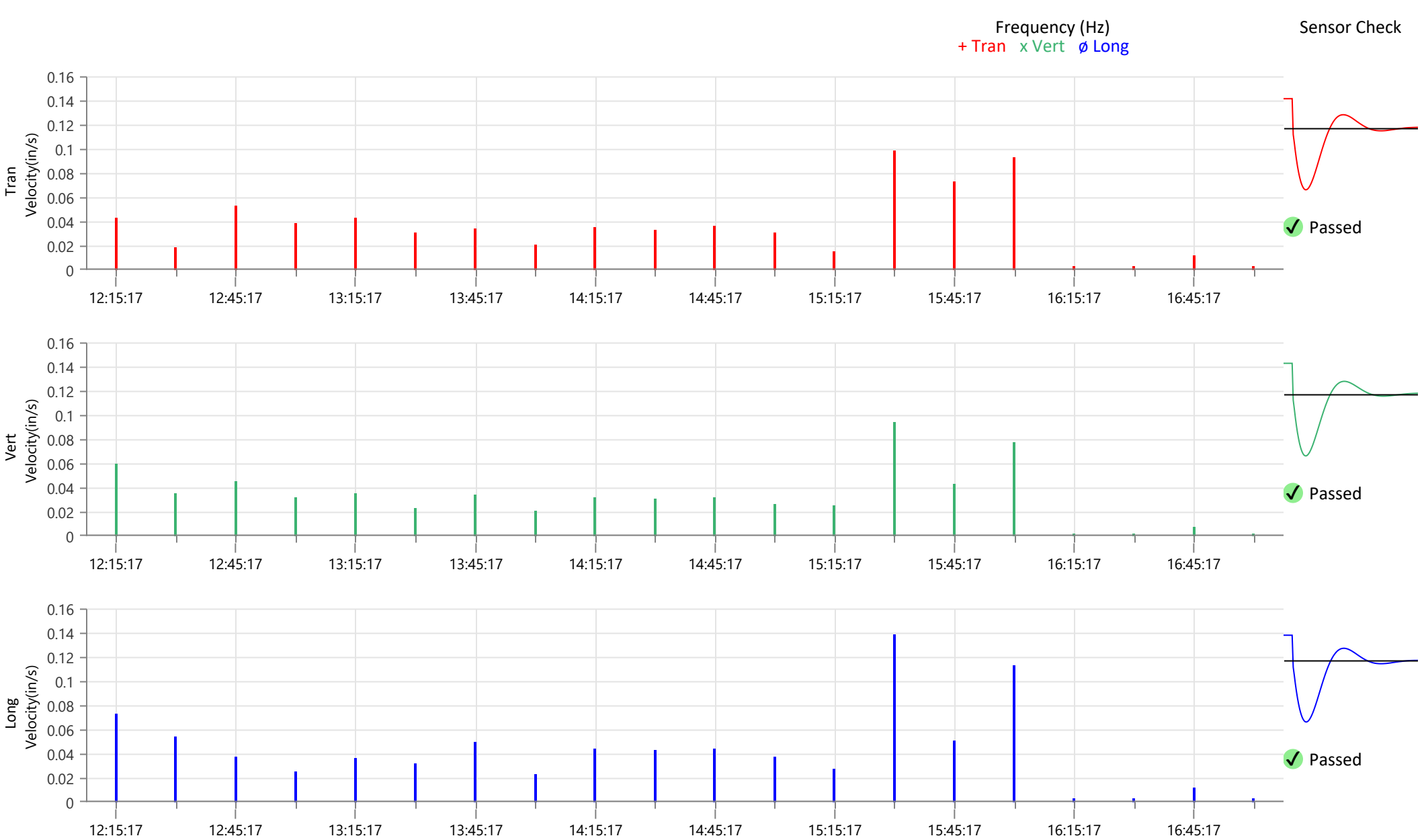
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0993 in/s	0.0950 in/s	0.1390 in/s
Zero Crossing Frequency	26.9 Hz	26.9 Hz	26.9 Hz
Date	Oct 30, 2026	Oct 30, 2026	Oct 30, 2026
Time	15:30:17	15:30:17	15:30:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.5	4.8

Peak Vector Sum 0.1412 in/s at October 30, 2026 15:30:17





Format © 2021 Xmark Corporation

Start	October 30, 2026 17:00:16
Finish	October 31, 2026 07:29:59
Number of Intervals/Interval	57.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261030170016.IDFH
USB Sensor Support	Disabled

Notes

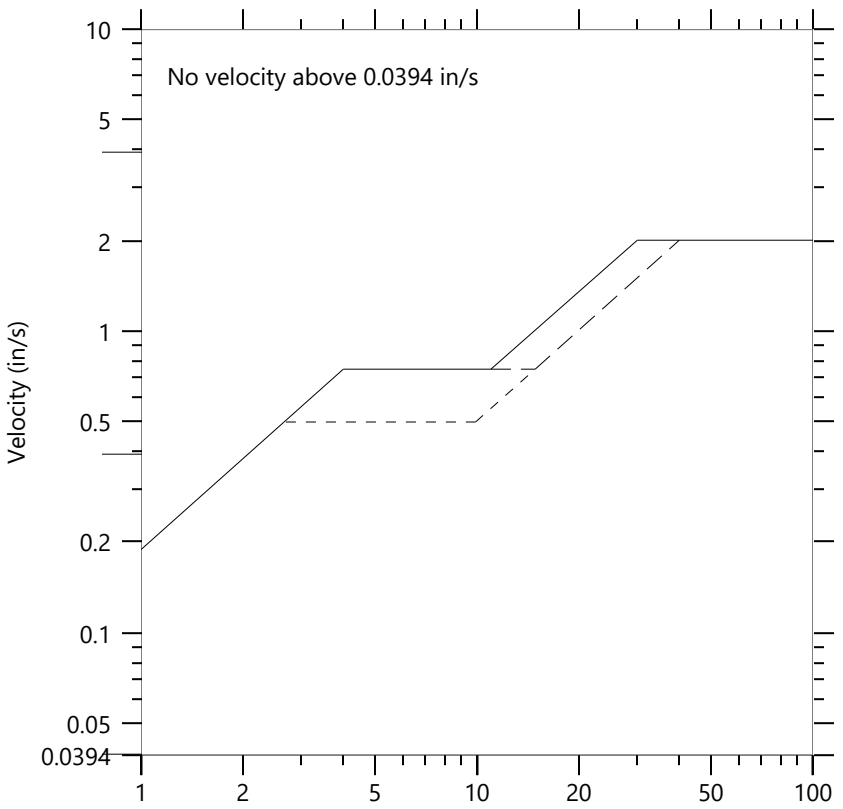
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0174 in/s	0.0310 in/s	0.0251 in/s
Zero Crossing Frequency	36.6 Hz	17.1 Hz	30.1 Hz
Date	Oct 31, 2026	Oct 31, 2026	Oct 31, 2026
Time	07:29:59	07:15:16	07:29:59
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.4	4.7

Peak Vector Sum 0.0316 in/s at October 31, 2026 07:15:16

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Sensor Check



✓ Passed

✓ Passed

✓ Passed

Format © 2021 Xmark Corporation

Start	October 31, 2026 07:30:17
Finish	October 31, 2026 11:59:59
Number of Intervals/Interval	17.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261031073017.IDFH
USB Sensor Support	Disabled

Notes

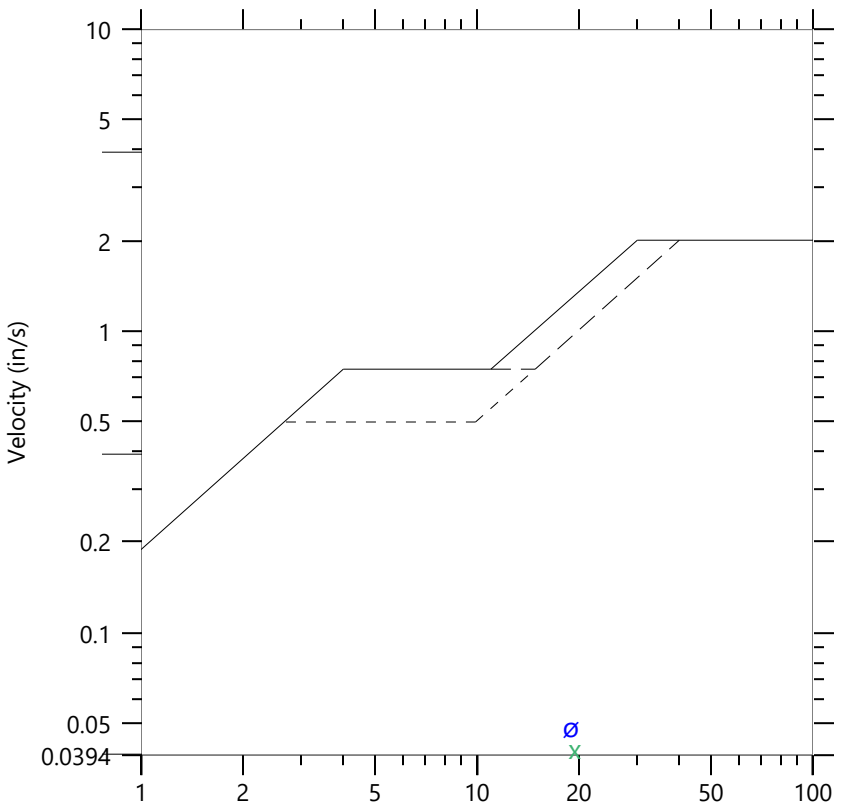
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0313 in/s	0.0416 in/s	0.0496 in/s
Zero Crossing Frequency	25.6 Hz	19.7 Hz	19.0 Hz
Date	Oct 31, 2026	Oct 31, 2026	Oct 31, 2026
Time	09:00:17	09:00:17	09:00:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.4	4.5	4.8

Peak Vector Sum 0.0561 in/s at October 31, 2026 09:00:17

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



Sensor Check



Format © 2021 Xmark Corporation

Start	October 31, 2026 12:00:16
Finish	October 31, 2026 16:59:59
Number of Intervals/Interval	19.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261031120016.IDFH
USB Sensor Support	Disabled

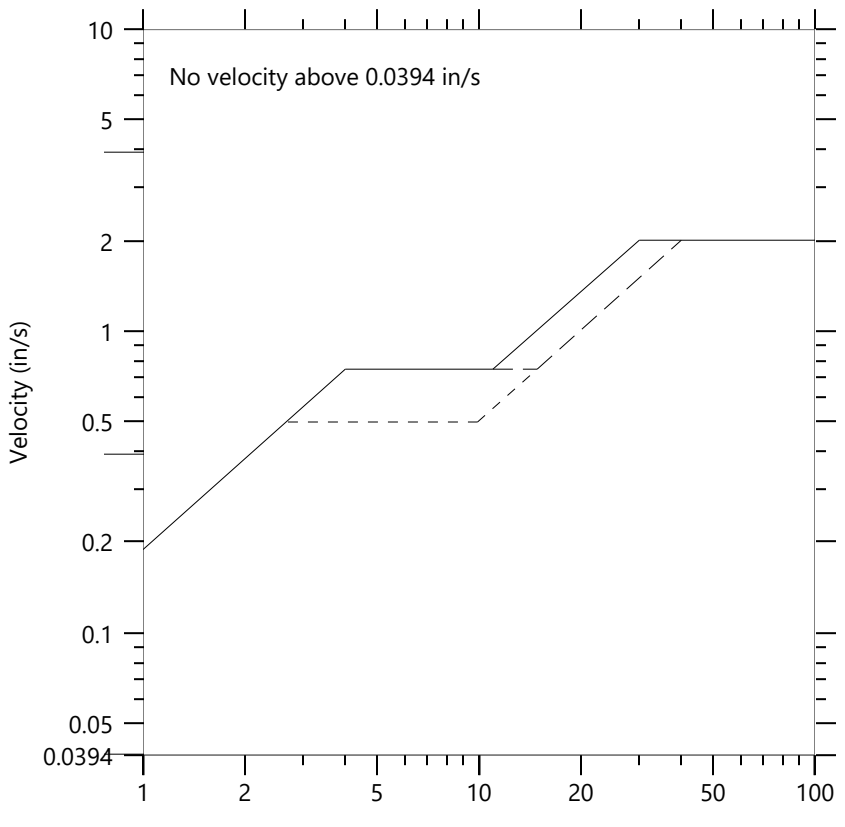
Notes

Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	<0.005 in/s	<0.005 in/s	<0.005 in/s
Zero Crossing Frequency	42.7 Hz	39.4 Hz	56.9 Hz
Date	Oct 31, 2026	Oct 31, 2026	Oct 31, 2026
Time	15:00:16	15:00:16	15:00:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.5	4.8

Peak Vector Sum 0.0051 in/s at October 31, 2026 15:00:16





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Start	October 31, 2026 17:00:16
Finish	November 1, 2026 07:29:59
Number of Intervals/Interval	57.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261031170016.IDFH
USB Sensor Support	Disabled

Notes

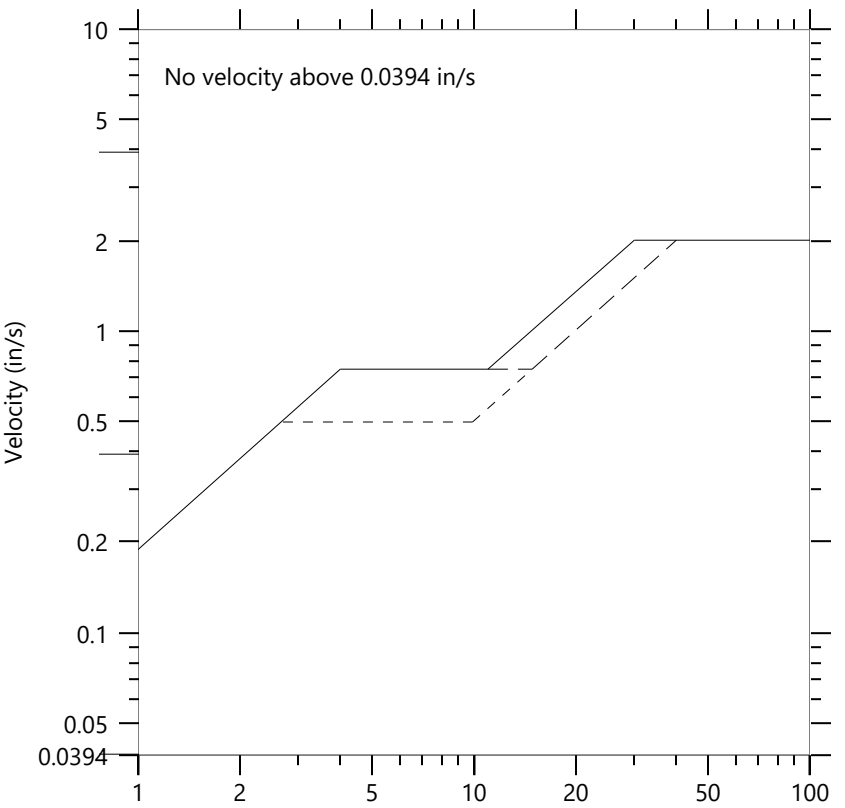
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	<0.005 in/s	<0.005 in/s	<0.005 in/s
Zero Crossing Frequency	N/A	>100 Hz	N/A
Date	Oct 31, 2026	Oct 31, 2026	Oct 31, 2026
Time	17:15:16	17:45:16	17:15:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.4	4.7

Peak Vector Sum 0.0036 in/s at October 31, 2026 17:15:16

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





Format © 2021 Xmark Corporation

Start	November 1, 2026 07:30:17
Finish	November 1, 2026 11:59:59
Number of Intervals/Interval	17.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261101073017.IDFH
USB Sensor Support	Disabled

Notes

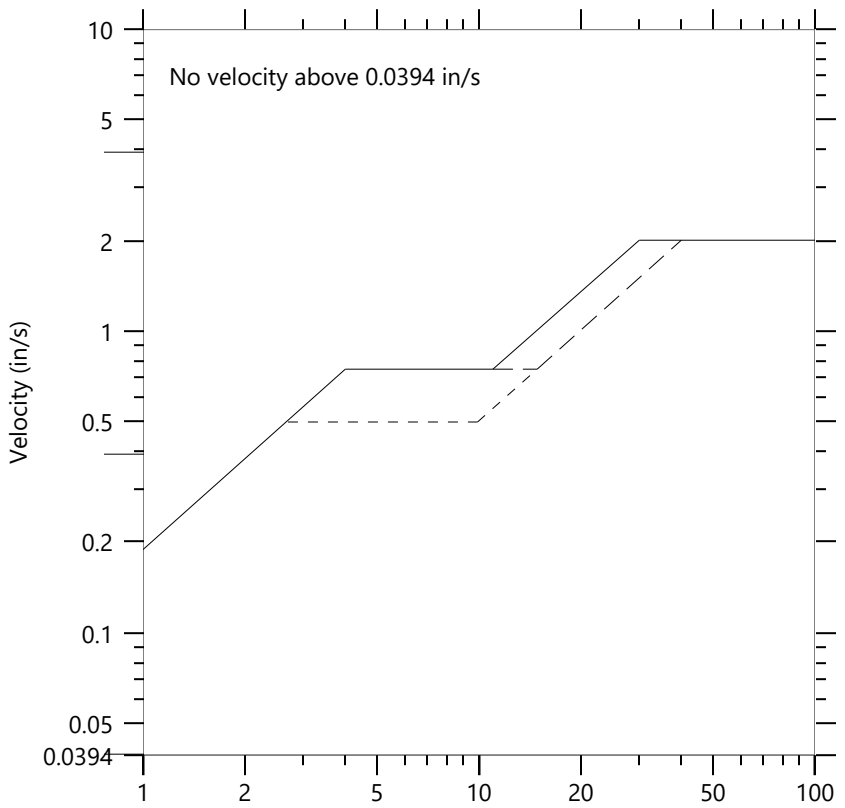
Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

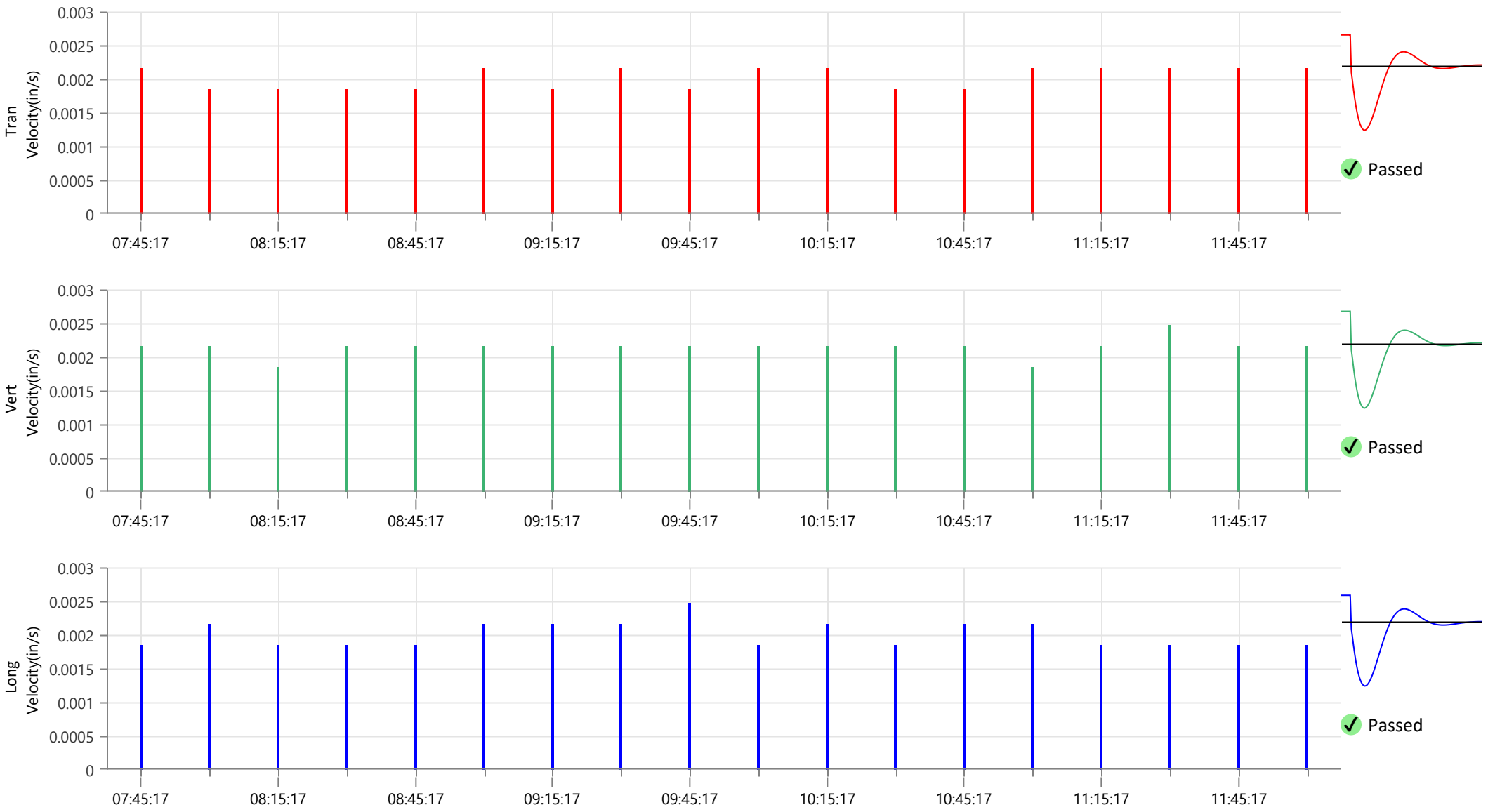
Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	<0.005 in/s	<0.005 in/s	<0.005 in/s
Zero Crossing Frequency	>100 Hz	85.3 Hz	>100 Hz
Date	Nov 1, 2026	Nov 1, 2026	Nov 1, 2026
Time	07:45:17	11:30:17	09:45:17
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.5	4.8

Peak Vector Sum 0.0029 in/s at November 1, 2026 10:00:17

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





Format © 2021 Xmark Corporation

Start	November 1, 2026 12:00:16
Finish	November 1, 2026 16:59:59
Number of Intervals/Interval	19.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261101120016.IDFH
USB Sensor Support	Disabled

Notes

Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	<0.005 in/s	<0.005 in/s	<0.005 in/s
Zero Crossing Frequency	>100 Hz	64.0 Hz	N/A
Date	Nov 1, 2026	Nov 1, 2026	Nov 1, 2026
Time	14:45:16	13:30:16	12:15:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.3	4.5	4.7

Peak Vector Sum 0.0033 in/s at November 1, 2026 12:15:16

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)



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Start	November 1, 2026 17:00:16
Finish	November 2, 2026 07:29:59
Number of Intervals/Interval	57.98/900 sec
Sample Rate	1024 sps
Setup File Name	233473 Thurston Elementary School.mmb
Operator	Operator

Serial Number	UM17584
Model Number	Micromate ISEE 11.0CB
Battery Level	3.8 volts
Unit Calibration	January 22, 2026 by Instantel
Event File Name	UM17584_20261101170016.IDFH
USB Sensor Support	Disabled

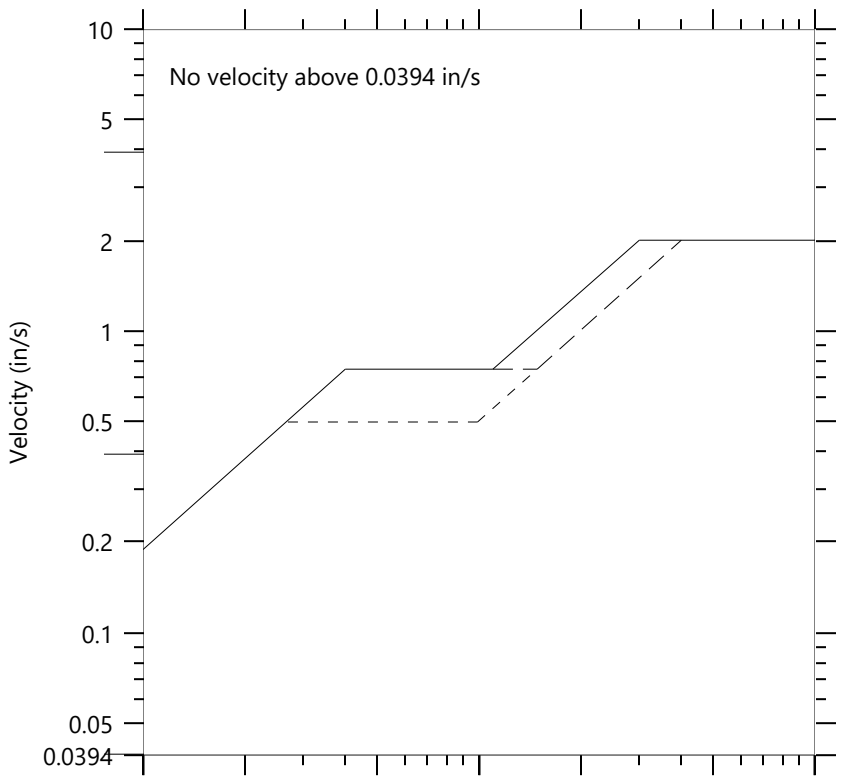
Notes

Location	Thurston Elementary School, Ann Arbor MI
Client	Gilbane Building Company
Company	G2 Consulting Group, LLC
General Notes	G2 Project No. 233473

Post Event Notes No text to be displayed.

Geophone	**Tran**	**Vert**	**Long**
Peak Particle Velocity	0.0137 in/s	0.0189 in/s	0.0236 in/s
Zero Crossing Frequency	13.1 Hz	13.8 Hz	12.8 Hz
Date	Nov 2, 2026	Nov 2, 2026	Nov 2, 2026
Time	07:15:16	07:15:16	07:15:16
Sensor Check	✓ Passed	✓ Passed	✓ Passed
Frequency	7.5 Hz	7.3 Hz	7.3 Hz
Overswing Ratio	4.2	4.4	4.7
Peak Vector Sum	0.0278 in/s at November 2, 2026 07:15:16		

USBM RI8507 And OSMRE
Velocity versus Frequency (Zero Crossing)





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