

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.

Calibration performed on APR 23 2024

Serial No: LW497328 Temperature: 23.0 °C

Model: PE Humidity: 41%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

10.0 g's/volt

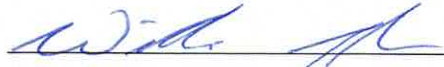
R<sup>2</sup>: 0.999939 [Chip programmed]

Operator: William Johnson

Ref Acc 1: LW423794! Cal on: 28Jul2022  
10 g's/volt

Ref Acc 2: LW423806! Cal on: 02Aug2022  
10 g's/volt

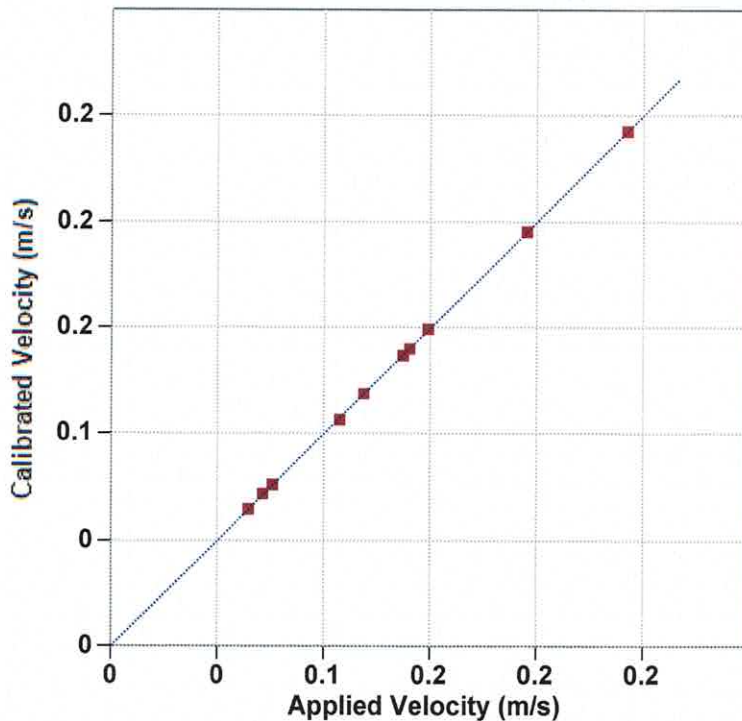
Reference accelerometer calibrations are traceable to the United States National Institute of Standards and Technology (NIST).



Signed



LW497328: R<sup>2</sup> = 0.999939



| Reference Velocity | S/N LW497328 Velocity |
|--------------------|-----------------------|
| m/s                | m/s                   |
| 0.065              | 0.065                 |
| 0.071              | 0.072                 |
| 0.076              | 0.076                 |
| 0.107              | 0.106                 |
| 0.119              | 0.119                 |
| 0.137              | 0.137                 |
| 0.140              | 0.140                 |
| 0.149              | 0.149                 |
| 0.195              | 0.195                 |
| 0.243              | 0.243                 |

Maximum Acceleration: 29 g's