

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.

Calibration performed on

APR 23 2024

Serial No: LW497330 Temperature: 23.6 °C

Model: PE Humidity: 36%

Calibrated on: Channel 3 on 8G 5161 LE

PDA CALIBRATION FACTOR

9.9 g's/volt

R<sup>2</sup>: 0.999936 [Chip programmed]

Operator: William Johnson

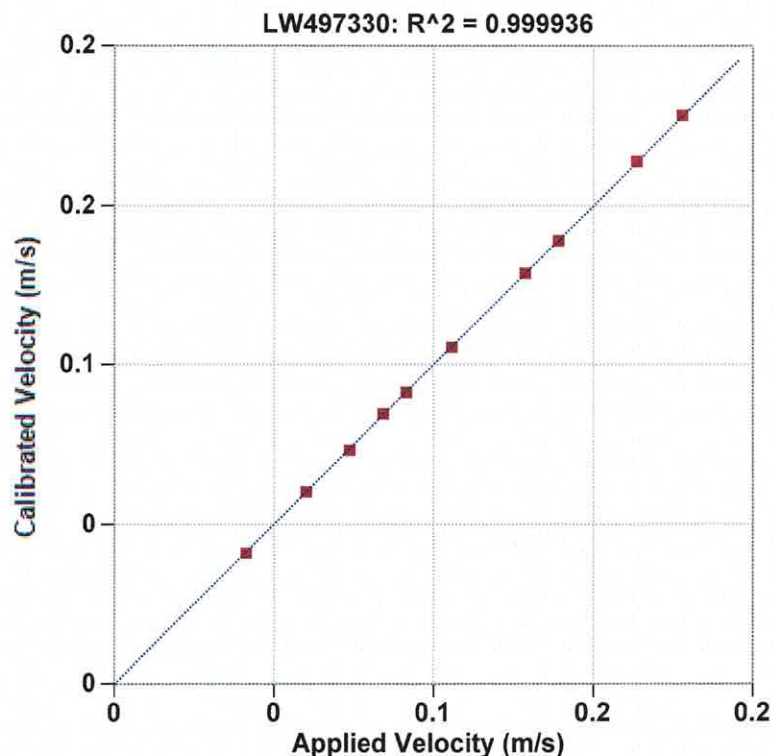
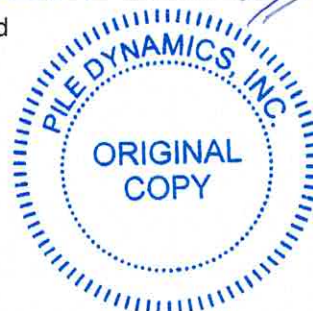
Ref Acc 1: LW423794! Cal on: 28Jul2022  
10 g's/volt

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



| Reference Velocity           | S/N LW497330 Velocity |
|------------------------------|-----------------------|
| m/s                          | m/s                   |
| 0.041                        | 0.041                 |
| 0.060                        | 0.060                 |
| 0.074                        | 0.073                 |
| 0.084                        | 0.084                 |
| 0.091                        | 0.091                 |
| 0.106                        | 0.105                 |
| 0.129                        | 0.129                 |
| 0.139                        | 0.139                 |
| 0.164                        | 0.164                 |
| 0.178                        | 0.178                 |
| Maximum Acceleration: 20 g's |                       |