

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.

Calibration performed on

MAY 17 2024

Serial No: 78257 Temperature: 23.8 °C

Model: PE Humidity: 31%

Calibrated on: Channel 4 on 8G 5161 LE

PDA CALIBRATION FACTOR

1018.2 g's/volt

R<sup>2</sup>: 0.999981 [Chip programmed]

Operator: William Johnson

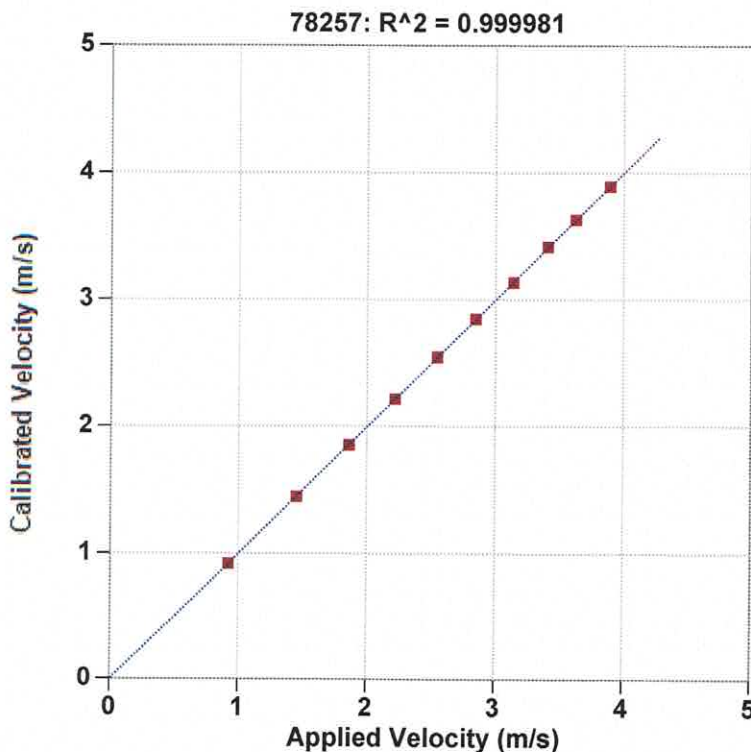
Ref Acc 1: 78270! Cal on: 11Jan2024  
971 g's/volt

Ref Acc 2: 78268! Cal on: 11Jan2024  
986 g's/volt

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

*William Johnson*

Signed



| Reference Velocity            | S/N 78257 Velocity |
|-------------------------------|--------------------|
| m/s                           | m/s                |
| 0.922                         | 0.923              |
| 1.454                         | 1.449              |
| 1.861                         | 1.855              |
| 2.220                         | 2.222              |
| 2.548                         | 2.550              |
| 2.847                         | 2.851              |
| 3.143                         | 3.138              |
| 3.408                         | 3.415              |
| 3.629                         | 3.628              |
| 3.893                         | 3.892              |
| Maximum Acceleration: 834 g's |                    |