

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.

Calibration performed on **FEB 06 2024**

Serial No: K13821 Temperature: 22.1 °C

Model: PR Humidity: 26%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**349.2 mv/5000g**

(69.8  $\mu$ v/g)

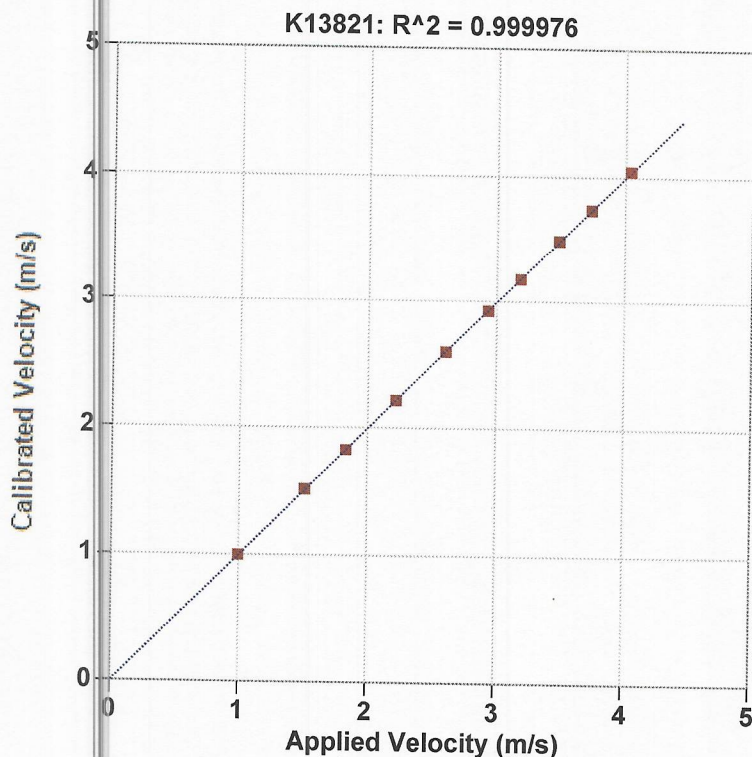
R<sup>2</sup>: 0.999976 [Chip programmed]

Operator: William Johnson

Signed



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



| Reference Velocity            | S/N K13821 Velocity |
|-------------------------------|---------------------|
| m/s                           | m/s                 |
| 0.993                         | 0.996               |
| 1.509                         | 1.514               |
| 1.828                         | 1.828               |
| 2.219                         | 2.217               |
| 2.606                         | 2.600               |
| 2.933                         | 2.927               |
| 3.188                         | 3.182               |
| 3.486                         | 3.490               |
| 3.737                         | 3.738               |
| 4.043                         | 4.050               |
| Maximum Acceleration: 872 g's |                     |