

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on 17Aug2023

Serial No: K10806 Temperature: 76.5 °C

Model: PR Humidity: 57%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**421.4 mv/5000g**

(84.3  $\mu$ v/g)

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

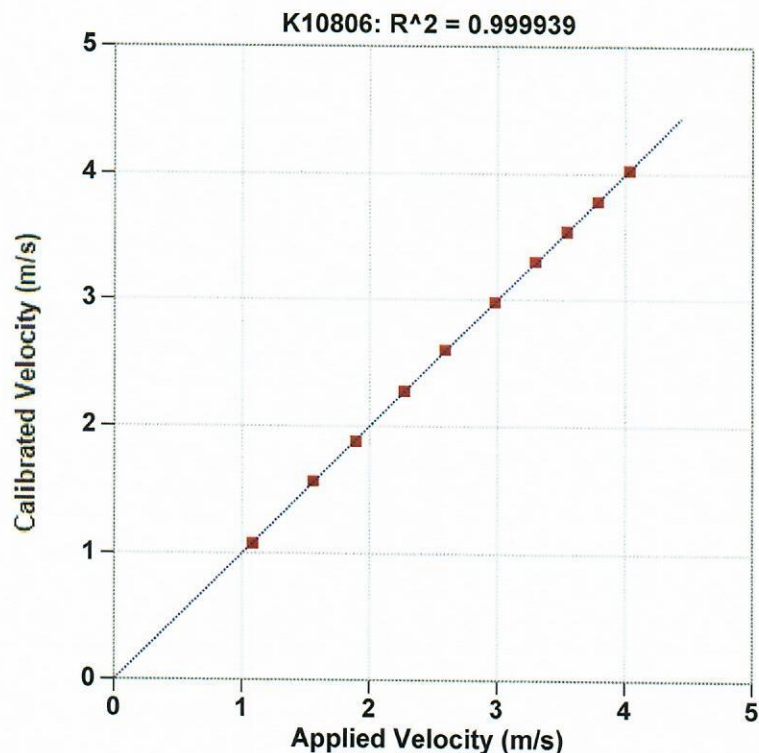
Operator: William Johnson

Signed

Ref Acc 1: 72505! Cal on: 24Mar2022  
1035 g's/volt

Ref Acc 2: 72517! Cal on: 24Mar2022  
1049 g's/volt

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



| Reference Velocity            | S/N K10806 Velocity |
|-------------------------------|---------------------|
| m/s                           | m/s                 |
| 1.084                         | 1.077               |
| 1.560                         | 1.566               |
| 1.893                         | 1.879               |
| 2.271                         | 2.276               |
| 2.590                         | 2.600               |
| 2.981                         | 2.978               |
| 3.297                         | 3.306               |
| 3.544                         | 3.544               |
| 3.787                         | 3.784               |
| 4.035                         | 4.030               |
| Maximum Acceleration: 877 g's |                     |