

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 16Mar2023

Serial No: K11006      Temperature: 69.3 °C

Model: PR      Humidity: 24%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**391.7 mv/5000g**  
 (78.3  $\mu\text{v/g}$ )  
 R<sup>2</sup>: 0.999913 [Chip programmed]

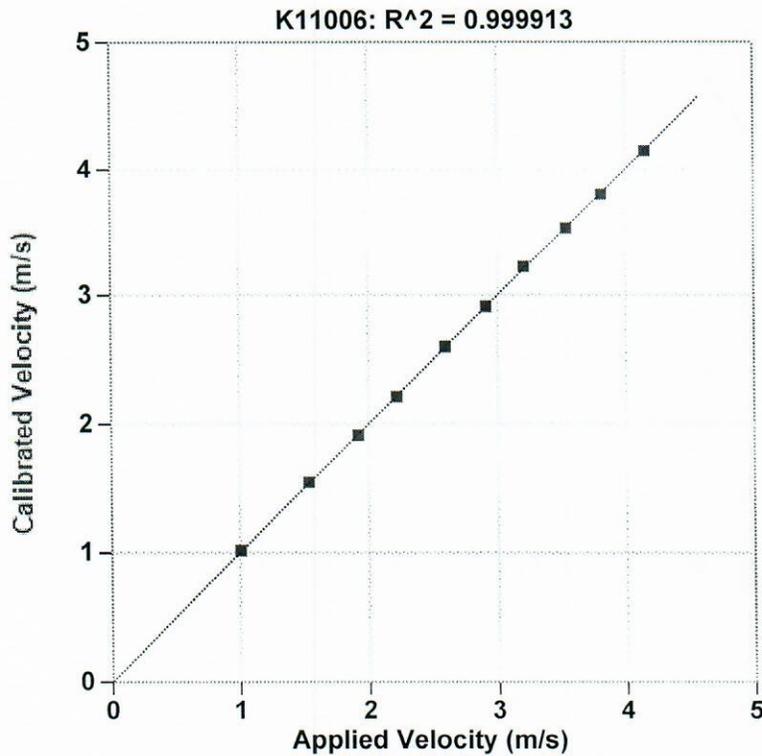
Operator: William Johnson

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

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

  
 Signed

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



Reference Velocity m/s	S/N K11006 Velocity m/s
1.006	1.015
1.536	1.544
1.921	1.914
2.219	2.214
2.594	2.600
2.913	2.912
3.207	3.227
3.538	3.534
3.812	3.801
4.154	4.149
Maximum Acceleration: 911 g's	