

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 01Jun2023

Serial No: K10869      Temperature: 74.5 °C  
 Model: PR      Humidity: 41%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

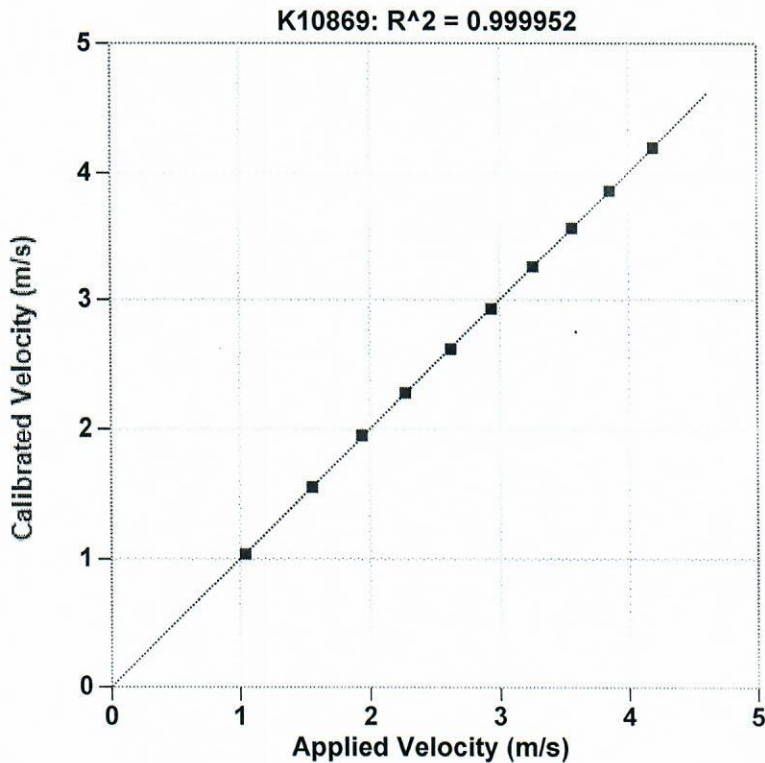
**419.0 mv/5000g**  
 (83.8  $\mu\text{v/g}$ )  
 R<sup>2</sup>: 0.999952 [Chip programmed]

Ref Acc 1: 72517!      Cal on: 24Mar2022  
 1049 g's/volt  
 Ref Acc 2: 72505!      Cal on: 24Mar2022  
 1035 g's/volt

Operator: William Johnson

  
 Signed

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



Reference Velocity m/s	S/N K10869 Velocity m/s
1.040	1.037
1.556	1.555
1.938	1.953
2.273	2.276
2.624	2.613
2.936	2.929
3.261	3.257
3.564	3.566
3.857	3.861
4.194	4.197

Maximum Acceleration: 929 g's