

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 07Nov2023

Serial No: K5342      Temperature: 19.7 °C  
 Model: PR      Humidity: 47%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

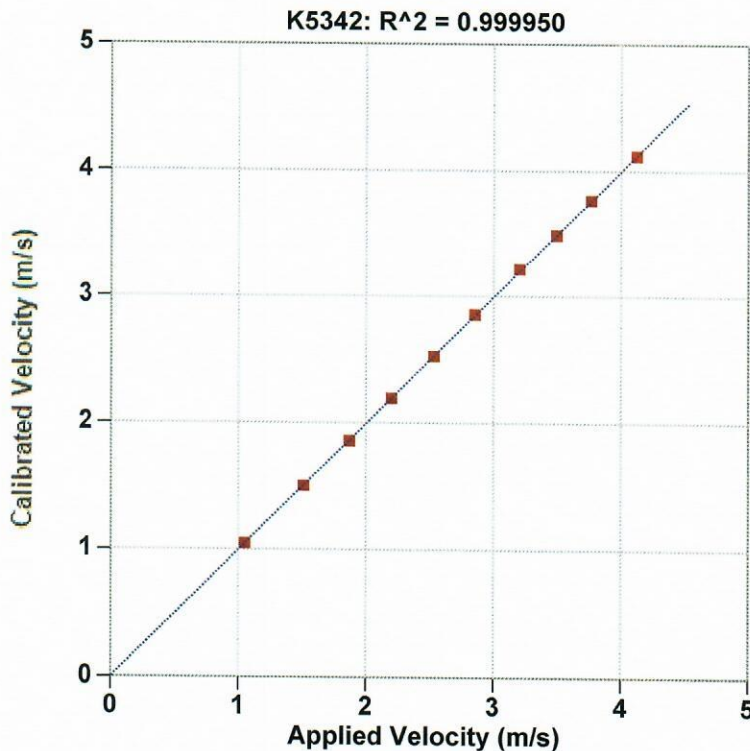
**358.6 mv/5000g**  
 (71.7  $\mu$ v/g)  
 R<sup>2</sup>: 0.999950 [Chip programmed]

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 K5342 Velocity
m/s	m/s
1.049	1.046
1.510	1.503
1.867	1.859
2.199	2.195
2.530	2.524
2.852	2.857
3.203	3.216
3.492	3.488
3.764	3.770
4.121	4.117
Maximum Acceleration: 904 g's	