

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 29Mar2024

Serial No: K5581      Temperature: 22.1 °C  
 Model: PR      Humidity: 27%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

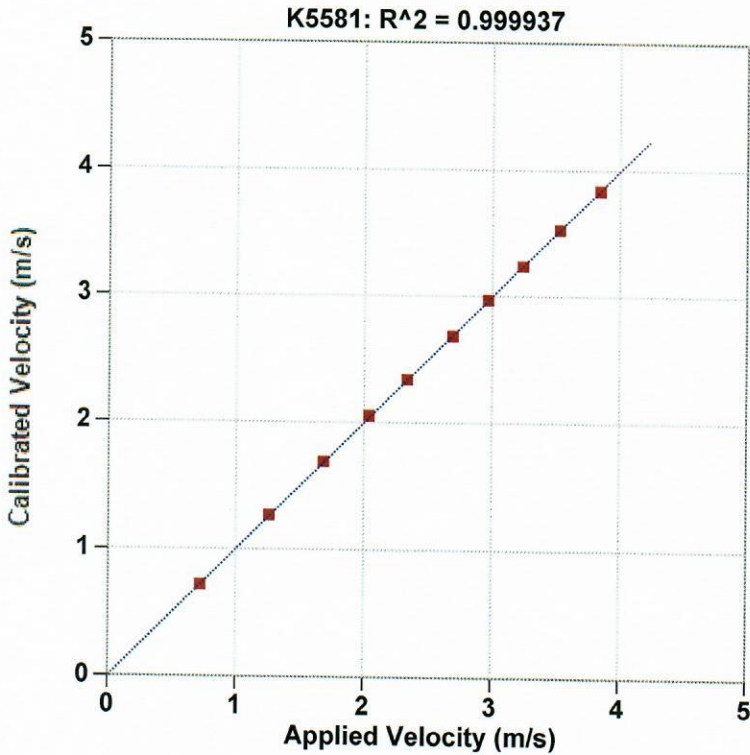
**350.4 mv/5000g**  
 (70.1  $\mu\text{v/g}$ )  
 R<sup>2</sup>: 0.999937 [Chip programmed]

Operator: William Johnson

Signed

Ref Acc 1: 72505!      Cal on: 05Apr2022  
 1035 g's/volt  
 Ref Acc 2: 72517!      Cal on: 05Apr2022  
 1049 g's/volt

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



Reference Velocity	S/N K5581 Velocity
m/s	m/s
0.719	0.715
1.260	1.267
1.683	1.695
2.039	2.055
2.339	2.341
2.691	2.685
2.969	2.971
3.244	3.237
3.530	3.529
3.847	3.841

Maximum Acceleration: 824 g's