

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 29Jul2024

Serial No: K5348      Temperature: 24.6 °C

Model: PR      Humidity: 43%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**347.3 mv/5000g**  
 (69.5  $\mu\text{v/g}$ )  
 R<sup>2</sup>: 0.999907 [Chip programmed]

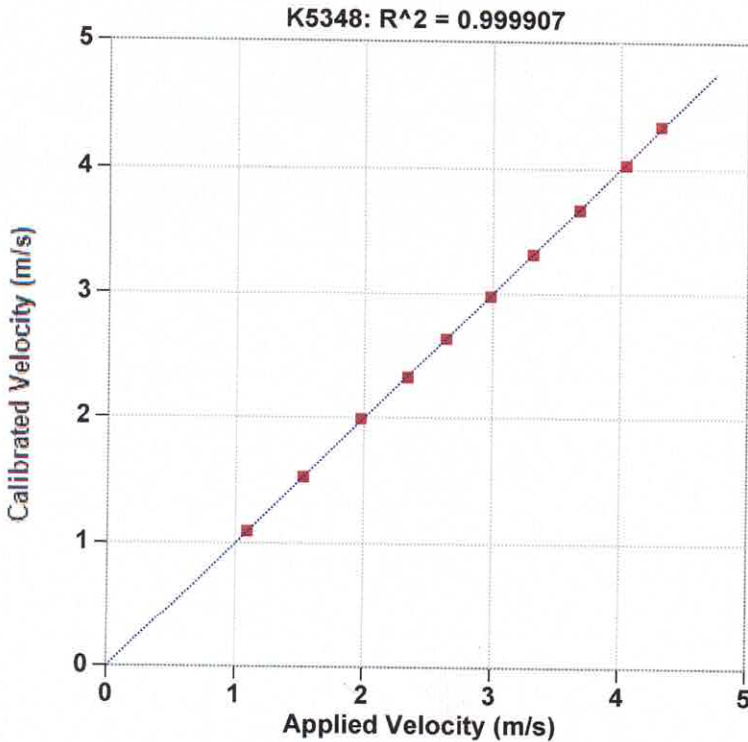
Operator: William Johnson

  
 Signed

Ref Acc 1: 78270!      Cal on: 11Jan2024  
 971 g's/volt

Ref Acc 2: 78268!      Cal on: 11Jan2024  
 986 g's/volt

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



Reference Velocity	S/N K5348 Velocity
m/s	m/s
1.094	1.097
1.529	1.530
1.978	1.995
2.342	2.328
2.642	2.641
2.985	2.984
3.318	3.315
3.682	3.678
4.044	4.032
4.320	4.337

Maximum Acceleration: 905 g's