

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 12Sep2023

Serial No: K5086      Temperature: 23.5 °C  
 Model: PR      Humidity: 56%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**337.5 mv/5000g**  
 (67.5  $\mu\text{v/g}$ )  
 R<sup>2</sup>: 0.999958 [Chip programmed]

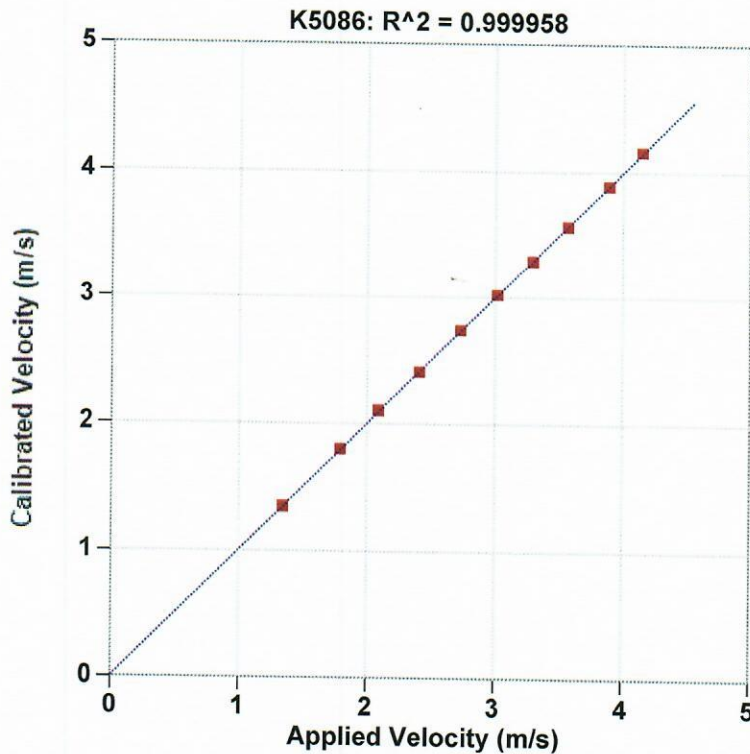
Operator: William Johnson

*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 K5086 Velocity
m/s	m/s
1.343	1.343
1.790	1.797
2.090	2.098
2.411	2.402
2.731	2.733
3.017	3.018
3.295	3.289
3.570	3.565
3.890	3.889
4.148	4.156

Maximum Acceleration: 905 g's