

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 22Apr2024

Serial No: 54849      Temperature: 22.5 °C  
 Model: PE      Humidity: 30%  
 Calibrated on: Channel 4 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**929.3 g's/volt**

R<sup>2</sup>: 0.999910 [Chip programmed]

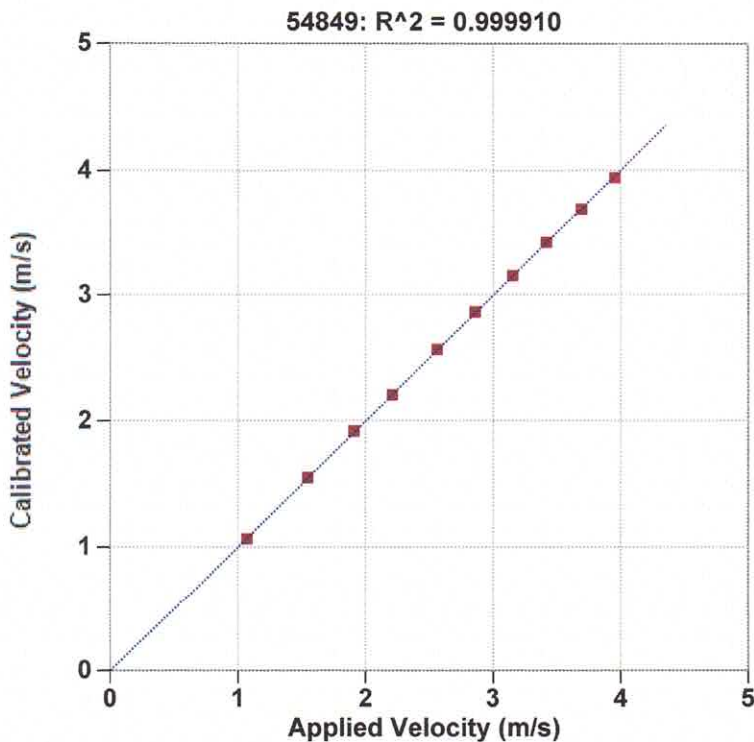
Operator: William Johnson



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 54849 Velocity
m/s	m/s
1.072	1.066
1.546	1.553
1.907	1.918
2.210	2.207
2.560	2.567
2.857	2.867
3.151	3.155
3.418	3.420
3.693	3.688
3.956	3.939

Maximum Acceleration: 840 g's