

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 31May2023

Serial No: K11836      Temperature: 74.9 °C  
 Model: PR      Humidity: 43%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**368.9 mv/5000g**  
 (73.8 μv/g)  
 R<sup>2</sup>: 0.999954 [Chip programmed]

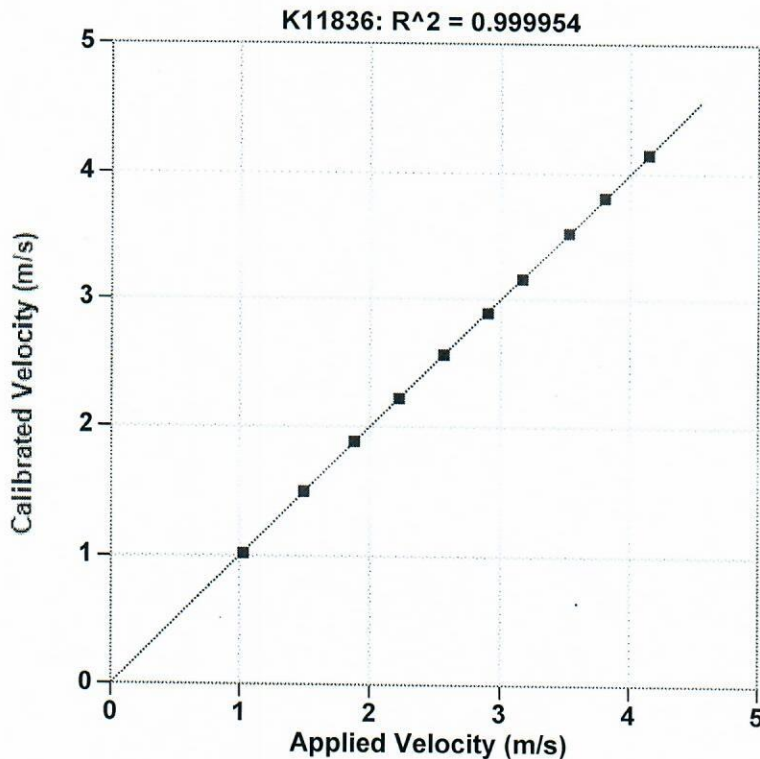
Ref Acc 1: 72517!      Cal on: 24Mar2022  
 1049 g's/volt

Ref Acc 2: 72505!      Cal on: 24Mar2022  
 1035 g's/volt

Operator: William Johnson

*William Johnson*  
 Signed

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



Reference Velocity	S/N K11836 Velocity
m/s	m/s
1.029	1.021
1.492	1.497
1.878	1.882
2.221	2.220
2.563	2.562
2.903	2.889
3.169	3.162
3.528	3.534
3.804	3.812
4.147	4.148

Maximum Acceleration: 909 g's