

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 17Aug2023

Serial No: K4804      Temperature: 76.3 °C

Model: PR      Humidity: 55%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**368.3 mv/5000g**  
 (73.7  $\mu$ v/g)  
 R<sup>2</sup>: 0.999935 [Chip programmed]

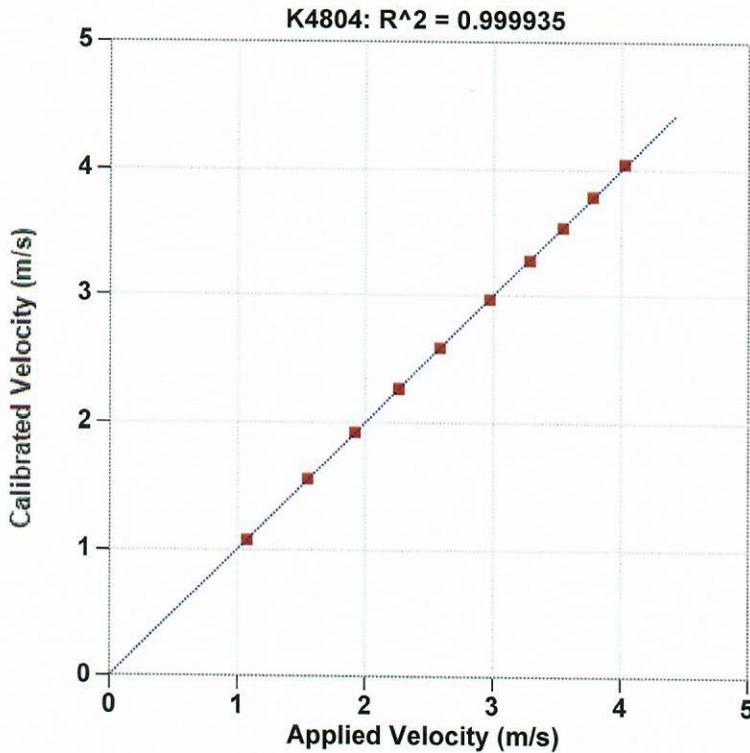
Operator: William Johnson

*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 m/s	S/N K4804 Velocity m/s
1.075	1.070
1.550	1.552
1.919	1.922
2.261	2.259
2.582	2.579
2.972	2.964
3.286	3.274
3.546	3.540
3.778	3.786
4.027	4.043

Maximum Acceleration: 873 g's