

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 09Jun2023

Serial No: K12655      Temperature: 73.6 °C  
 Model: PR      Humidity: 37%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

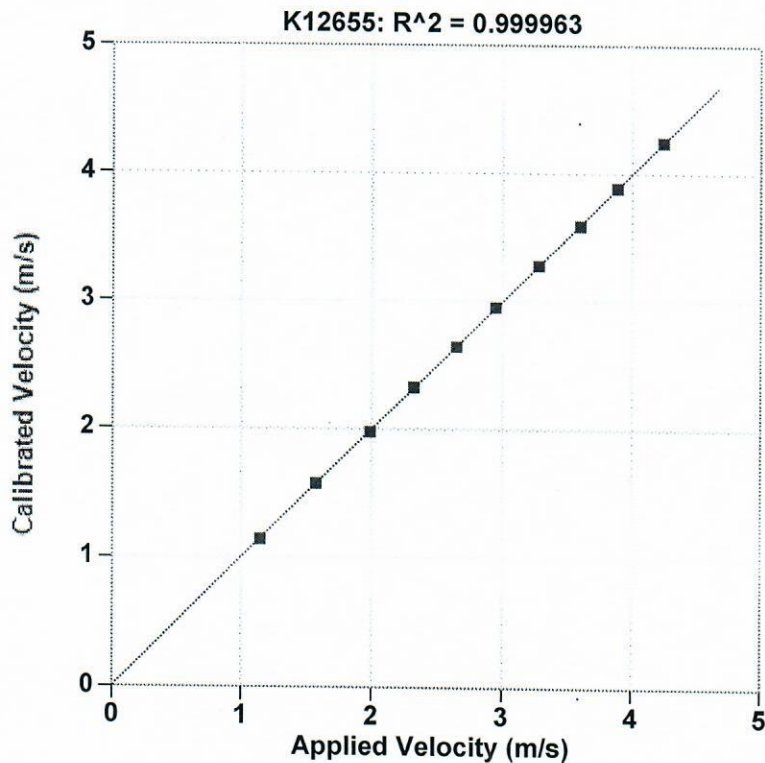
**456.0 mv/5000g**  
 (91.2  $\mu$ v/g)  
 R<sup>2</sup>: 0.999963 [Chip programmed]

Ref Acc 1: 72505!      Cal on: 24Mar2022  
 1035 g's/volt  
 Ref Acc 2: 72517!      Cal on: 24Mar2022  
 1049 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 m/s	S/N K12655 Velocity m/s
1.146	1.140
1.573	1.574
1.986	1.977
2.320	2.330
2.646	2.646
2.945	2.954
3.281	3.281
3.601	3.593
3.888	3.889
4.247	4.248

Maximum Acceleration: 942 g's