

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 15Mar2023

Serial No: K11774      Temperature: 69.5 °C  
 Model: PR      Humidity: 24%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

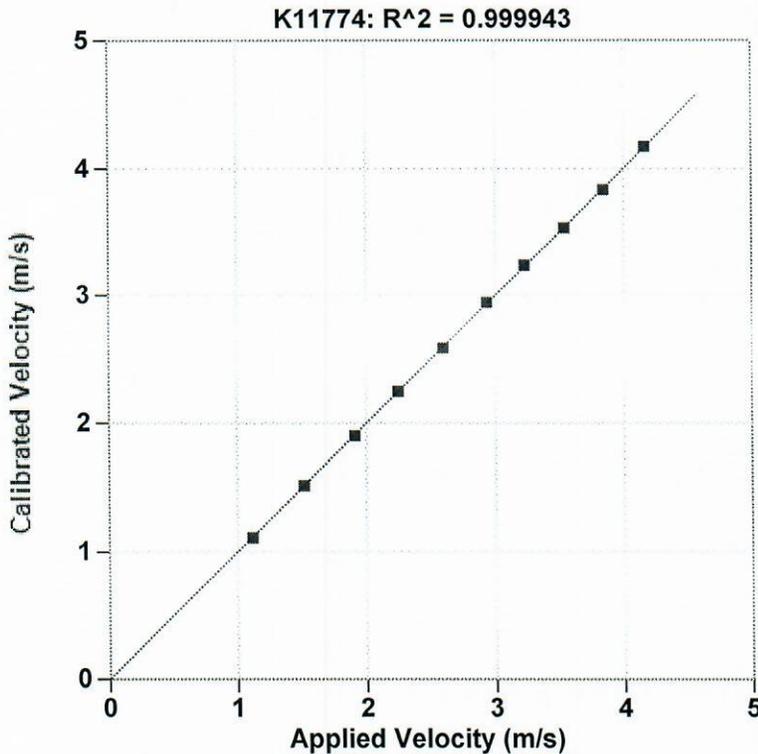
**439.0 mv/5000g**  
 (87.8  $\mu$ v/g)  
 R<sup>2</sup>: 0.999943 [Chip programmed]

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 K11774 Velocity
m/s	m/s
1.118	1.114
1.517	1.518
1.911	1.902
2.246	2.247
2.595	2.584
2.934	2.942
3.227	3.238
3.538	3.536
3.844	3.835
4.169	4.175

Maximum Acceleration: 913 g's