

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 29Jul2024

Serial No: K5368      Temperature: 24.6 °C  
 Model: PR      Humidity: 43%  
 Calibrated on: Channel 4 on 8G 5161 LE

**PDA CALIBRATION FACTOR**

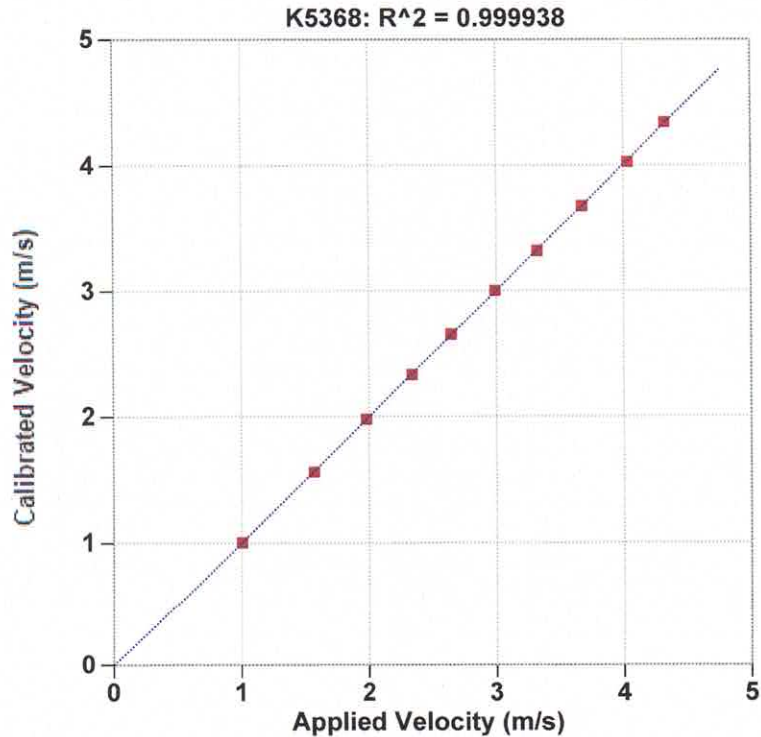
**351.7 mv/5000g**  
 (70.3  $\mu$ v/g)  
 R<sup>2</sup>: 0.999938 [Chip programmed]

Ref Acc 1: 78270!      Cal on: 11Jan2024  
 971 g's/volt  
 Ref Acc 2: 78268!      Cal on: 11Jan2024  
 986 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 K5368 Velocity
m/s	m/s
1.009	1.005
1.573	1.567
1.983	1.983
2.344	2.335
2.650	2.658
2.993	3.005
3.327	3.322
3.678	3.681
4.038	4.024
4.330	4.339

Maximum Acceleration: 908 g's