

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 28Mar2024

Serial No: K5694      Temperature: 23.8 °C  
 Model: PR      Humidity: 27%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**349.7 mv/5000g**  
 (69.9  $\mu$ v/g)  
 R<sup>2</sup>: 0.999941 [Chip programmed]

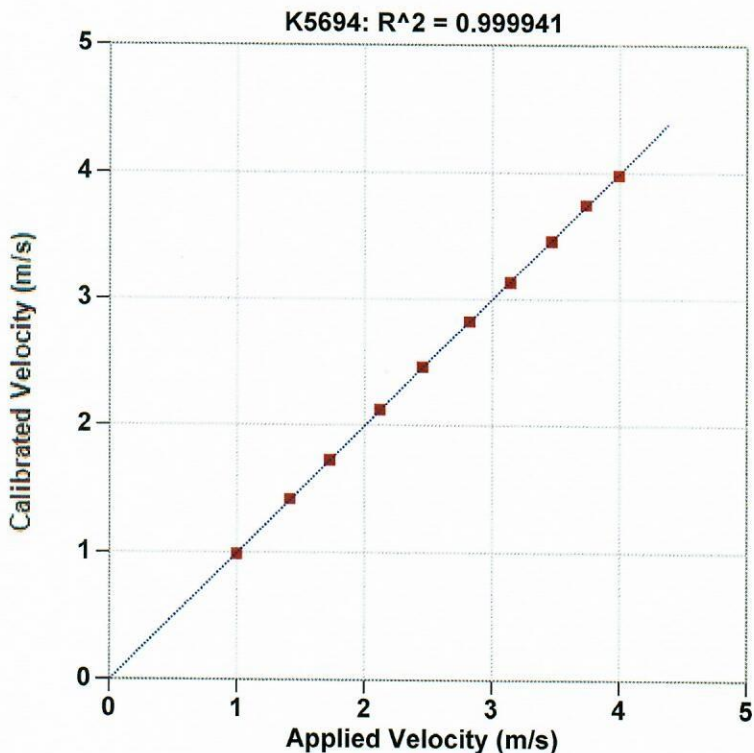
Ref Acc 1: 72505!      Cal on: 05Apr2022  
 1035 g's/volt

Operator: William Johnson

Ref Acc 2: 72517!      Cal on: 05Apr2022  
 1049 g's/volt

  
 Signed

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



Reference Velocity	S/N K5694 Velocity
m/s	m/s
0.996	0.992
1.413	1.423
1.724	1.728
2.119	2.125
2.454	2.457
2.822	2.822
3.141	3.132
3.466	3.462
3.736	3.749
3.993	3.983

Maximum Acceleration: 860 g's