

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 10Jun2023

Serial No: K1188      Temperature: 73.6 °C  
 Model: PR      Humidity: 36%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

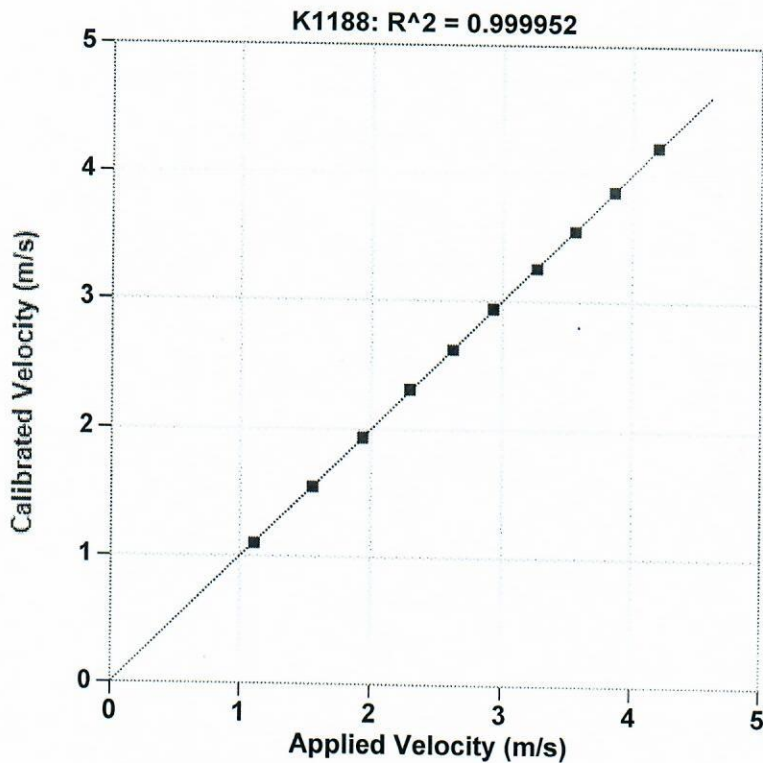
**302.8 mv/5000g**  
 (60.6  $\mu$ v/g)  
 R<sup>2</sup>: 0.999952 [Chip programmed]

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 K1188 Velocity m/s
1.108	1.103
1.555	1.551
1.936	1.938
2.295	2.305
2.621	2.620
2.931	2.941
3.269	3.257
3.563	3.557
3.864	3.863
4.202	4.207

Maximum Acceleration: 928 g's