

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 28Feb2023

Serial No: K6189      Temperature: 70.4 °C  
 Model: PR      Humidity: 30%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

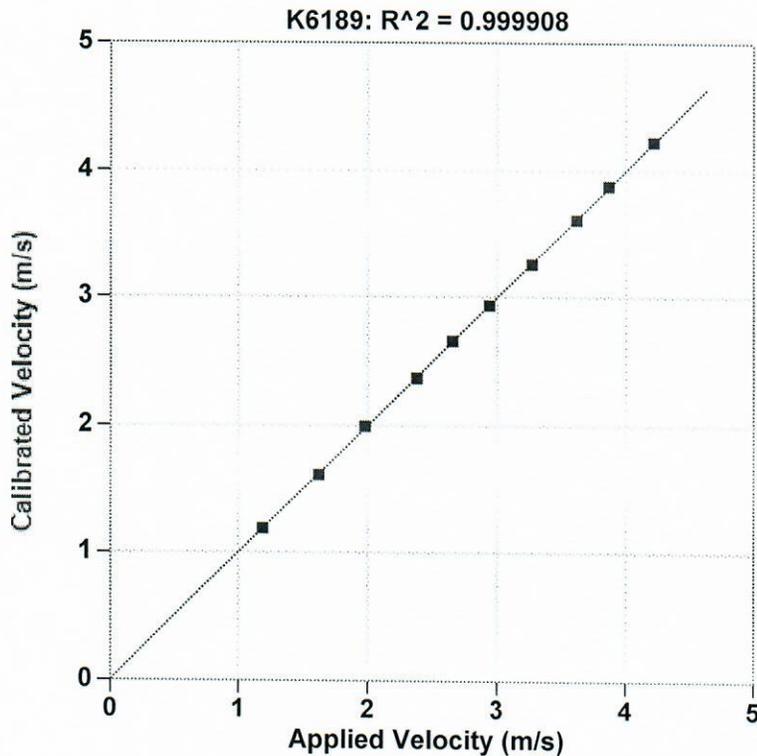
**374.5 mv/5000g**  
 (74.9  $\mu$ v/g)  
 R<sup>2</sup>: 0.999908 [Chip programmed]

Ref Acc 1: 72517!      Cal on: 24Mar2022  
 1049 g's/volt  
 Ref Acc 2: 72505!      Cal on: 24Mar2022  
 1035 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 K6189 Velocity m/s
1.189	1.190
1.622	1.611
1.978	1.995
2.377	2.369
2.652	2.652
2.940	2.935
3.269	3.259
3.618	3.612
3.868	3.880
4.220	4.226

Maximum Acceleration: 933 g's