

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 01Jun2023

Serial No: K3549      Temperature: 74.5 °C  
 Model: PR      Humidity: 41%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

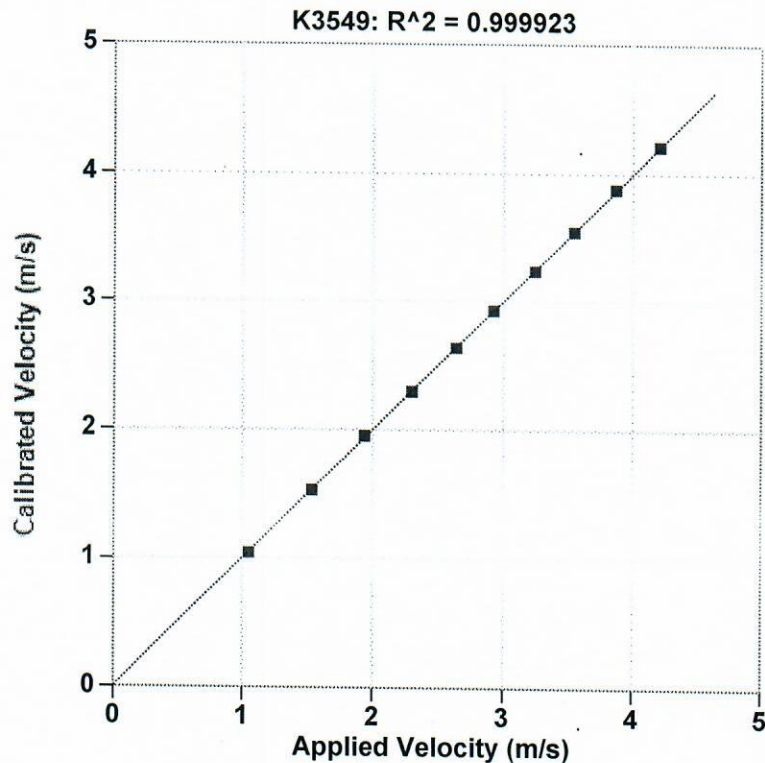
**380.3 mv/5000g**  
 (76.1  $\mu$ v/g)  
 R<sup>2</sup>: 0.999923 [Chip programmed]

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 K3549 Velocity m/s
1.049	1.044
1.534	1.525
1.935	1.950
2.299	2.292
2.637	2.630
2.924	2.927
3.246	3.236
3.547	3.546
3.871	3.884
4.213	4.214

Maximum Acceleration: 932 g's