

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 09Mar2023

Serial No: K11946      Temperature: 68.6 °C  
 Model: PR      Humidity: 26%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

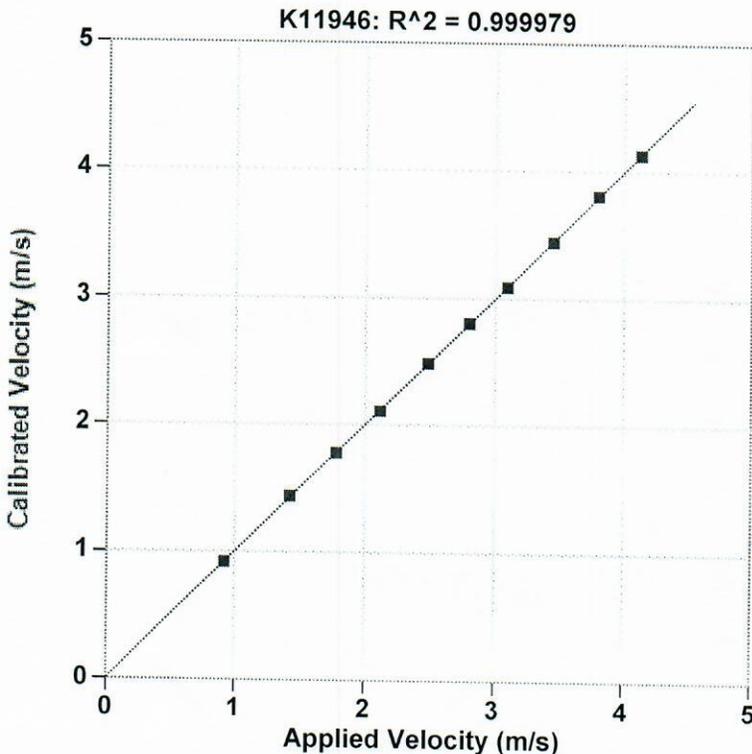
**405.4 mv/5000g**  
 (81.1  $\mu$ v/g)  
 R<sup>2</sup>: 0.999979 [Chip programmed]

Operator: William Johnson

Ref Acc 1: 72517!      Cal on: 24Mar2022  
 1049 g's/volt  
 Ref Acc 2: 72505!      Cal on: 24Mar2022  
 1035 g's/volt

*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 K11946 Velocity m/s
0.918	0.918
1.424	1.432
1.778	1.775
2.116	2.107
2.485	2.488
2.802	2.806
3.094	3.093
3.451	3.448
3.802	3.806
4.131	4.129

Maximum Acceleration: 909 g's