

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 09Jun2023

Serial No: K12575      Temperature: 74.0 °C  
 Model: PR      Humidity: 38%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

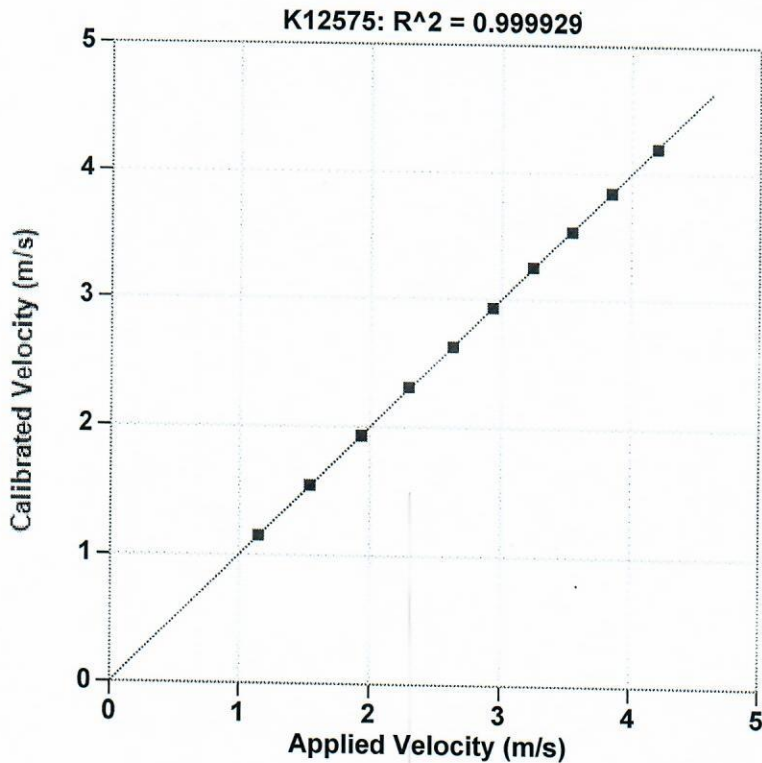
**465.1 mv/5000g**  
 (93.0 μv/g)  
 R<sup>2</sup>: 0.999929 [Chip programmed]

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<br>m/s | S/N K12575<br>Velocity<br>m/s |
|---------------------------|-------------------------------|
| 1.148                     | 1.154                         |
| 1.538                     | 1.548                         |
| 1.933                     | 1.932                         |
| 2.293                     | 2.309                         |
| 2.629                     | 2.629                         |
| 2.935                     | 2.931                         |
| 3.243                     | 3.251                         |
| 3.544                     | 3.538                         |
| 3.850                     | 3.850                         |
| 4.208                     | 4.196                         |

Maximum Acceleration: 933 g's