

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



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

Serial No: K10174      Temperature: 70.0 °C  
 Model: PR      Humidity: 30%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

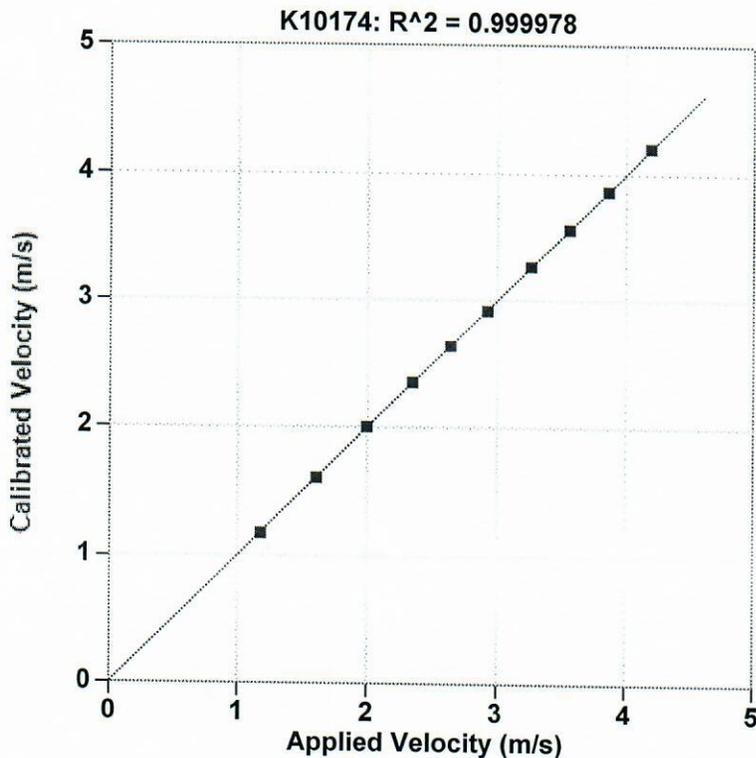
**406.1 mv/5000g**  
 (81.2  $\mu$ v/g)  
 R<sup>2</sup>: 0.999978 [No chip]

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 | S/N K10174 Velocity |
|--------------------|---------------------|
| m/s                | m/s                 |
| 1.180              | 1.173               |
| 1.609              | 1.604               |
| 1.996              | 2.000               |
| 2.348              | 2.347               |
| 2.640              | 2.636               |
| 2.924              | 2.917               |
| 3.262              | 3.267               |
| 3.563              | 3.564               |
| 3.865              | 3.866               |
| 4.198              | 4.202               |

Maximum Acceleration: 927 g's