

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on 11Jul2024

Serial No: K11187      Temperature: 23.8 °C  
Model: PR      Humidity: 50%  
Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

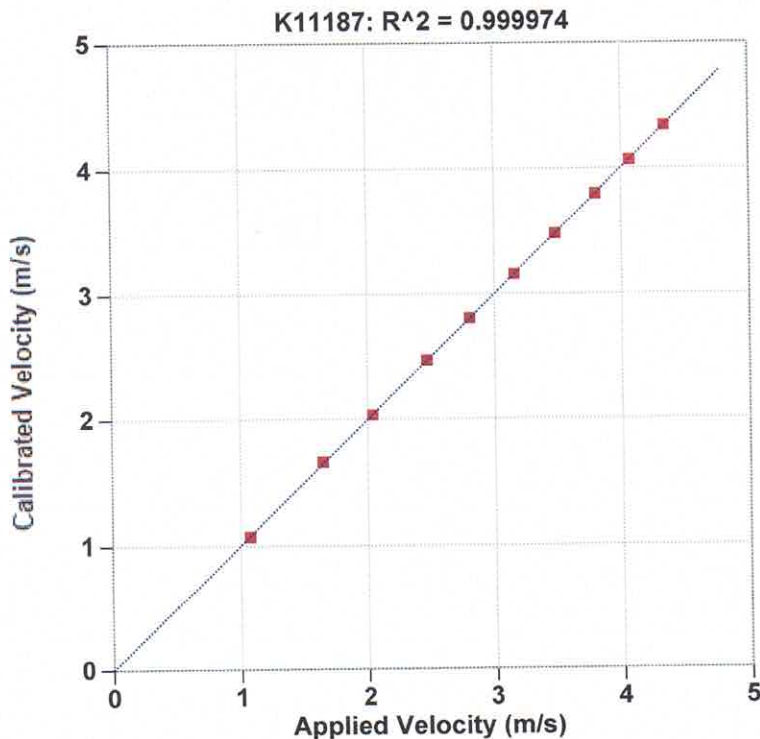
**436.8 mv/5000g**  
(87.4  $\mu\text{v/g}$ )  
R<sup>2</sup>: 0.999974 [Chip programmed]

Ref Acc 1: 78270!      Cal on: 11Jan2024  
971 g's/volt  
Ref Acc 2: 78268!      Cal on: 11Jan2024  
986 g's/volt

Operator: William Johnson

  
Signed

Reference accelerometer calibrations are traceable to  
the United States National Institute of Standards and  
Technology (NIST).



| Reference Velocity | S/N K11187 Velocity |
|--------------------|---------------------|
| m/s                | m/s                 |
| 1.076              | 1.074               |
| 1.652              | 1.665               |
| 2.044              | 2.039               |
| 2.471              | 2.474               |
| 2.808              | 2.810               |
| 3.161              | 3.157               |
| 3.484              | 3.482               |
| 3.799              | 3.802               |
| 4.069              | 4.067               |
| 4.344              | 4.343               |

Maximum Acceleration: 940 g's