

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on 01Jul2024

Serial No: K4616      Temperature: 24.2 °C  
Model: PR      Humidity: 38%  
Calibrated on: Channel 4 on 8G 5161 LE

### PDA CALIBRATION FACTOR

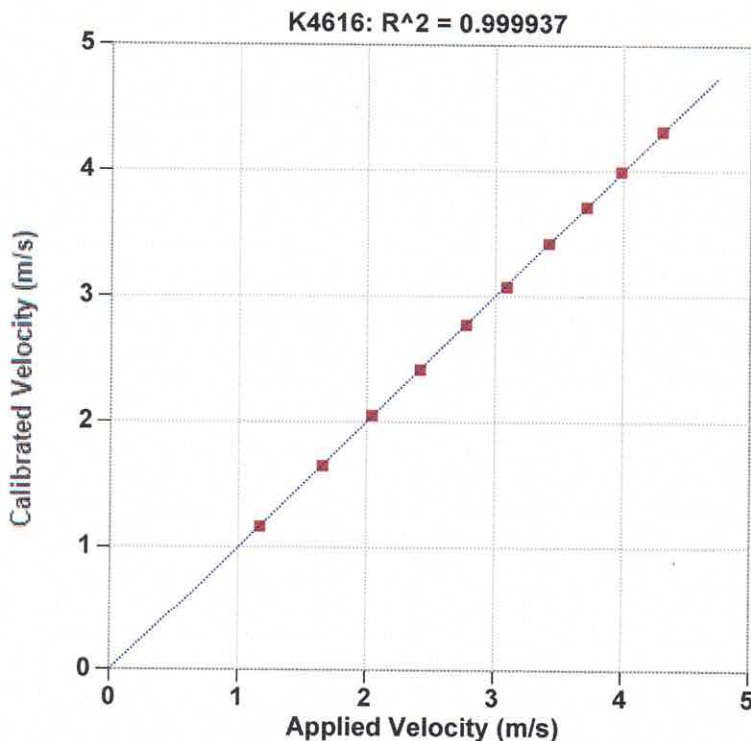
**378.7 mv/5000g**  
(75.7  $\mu$ v/g)  
R<sup>2</sup>: 0.999937 [Chip programmed]

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 K4616 Velocity |
|--------------------|--------------------|
| m/s                | m/s                |
| 1.174              | 1.170              |
| 1.659              | 1.654              |
| 2.045              | 2.053              |
| 2.421              | 2.415              |
| 2.777              | 2.776              |
| 3.092              | 3.074              |
| 3.424              | 3.421              |
| 3.715              | 3.718              |
| 3.985              | 3.994              |
| 4.307              | 4.314              |

Maximum Acceleration: 935 g's