

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on 19Jun2024

Serial No: K1898      Temperature: 24.6 °C  
Model: PR      Humidity: 58%  
Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

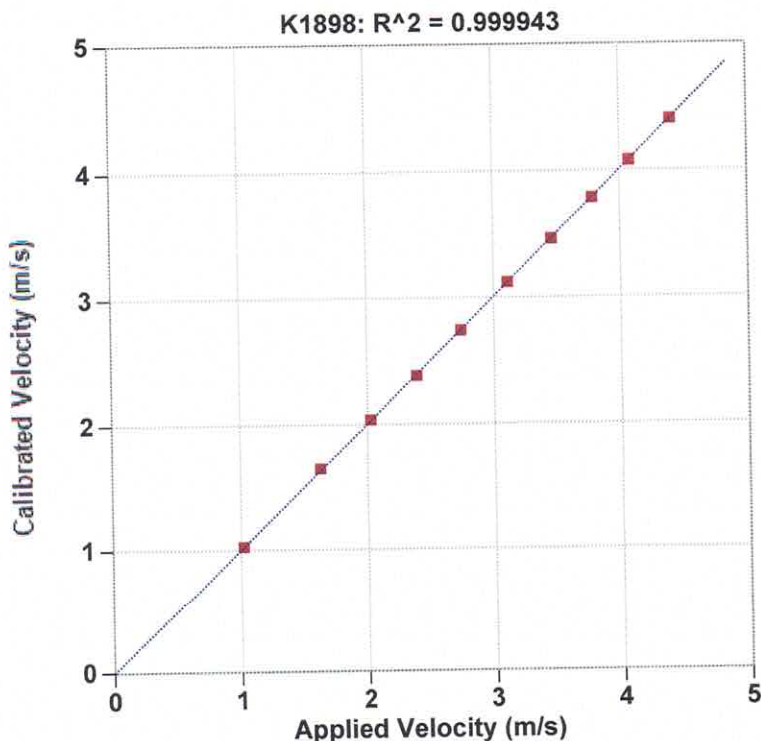
**359.9 mv/5000g**  
(72.0  $\mu\text{v/g}$ )  
 $R^2$ : 0.999943 [Chip programmed]

Operator: William Johnson

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

  
Signed

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



| Reference Velocity            | S/N K1898 Velocity |
|-------------------------------|--------------------|
| m/s                           | m/s                |
| 1.026                         | 1.028              |
| 1.631                         | 1.649              |
| 2.031                         | 2.042              |
| 2.396                         | 2.387              |
| 2.746                         | 2.742              |
| 3.115                         | 3.121              |
| 3.463                         | 3.460              |
| 3.788                         | 3.787              |
| 4.079                         | 4.078              |
| 4.404                         | 4.400              |
| Maximum Acceleration: 939 g's |                    |