

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on 28Jun2024

Serial No: K6140 Temperature: 23.6 °C

Model: PR Humidity: 44%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**338.9 mv/5000g**

(67.8  $\mu\text{v/g}$ )

R<sup>2</sup>: 0.999964 [Chip programmed]

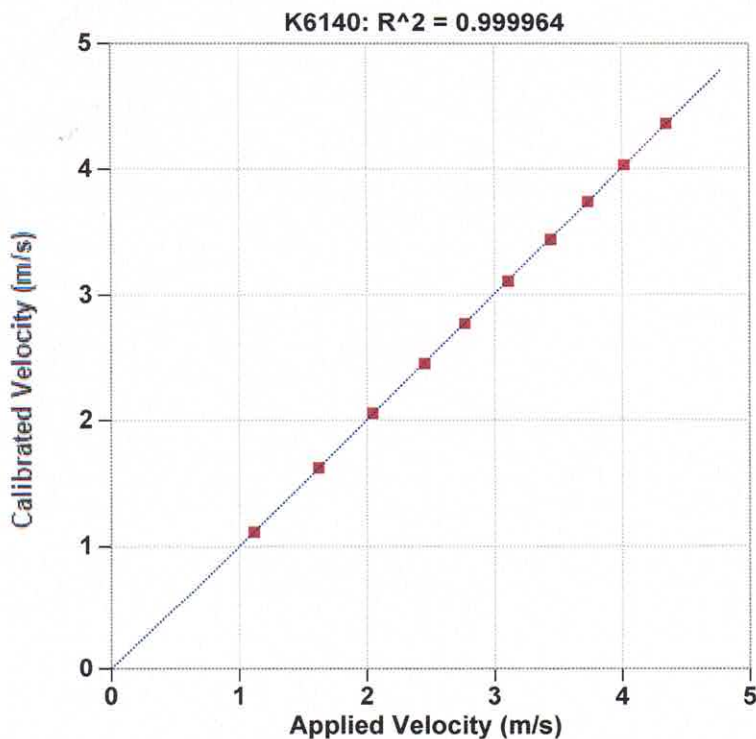
Operator: William Johnson

Signed

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

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

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



| Reference Velocity | S/N K6140 Velocity |
|--------------------|--------------------|
| m/s                | m/s                |
| 1.117              | 1.115              |
| 1.623              | 1.627              |
| 2.049              | 2.056              |
| 2.457              | 2.447              |
| 2.771              | 2.771              |
| 3.108              | 3.105              |
| 3.446              | 3.436              |
| 3.738              | 3.746              |
| 4.023              | 4.028              |
| 4.352              | 4.354              |

Maximum Acceleration: 948 g's