

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



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

Serial No: K11957 Temperature: 24.9 °C

Model: PR Humidity: 54%

Calibrated on: Channel 4 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**412.3 mv/5000g**

(82.5  $\mu$ v/g)

R<sup>2</sup>: 0.999930 [Chip programmed]

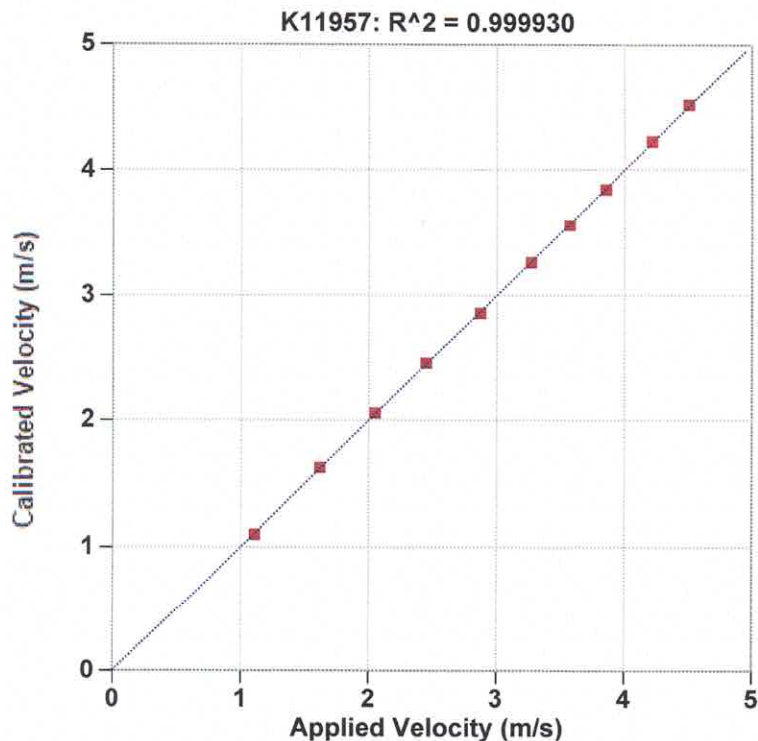
Ref Acc 1: 78270! Cal on: 11Jan2024  
971 g's/volt

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 K11957 Velocity |
|-------------------------------|---------------------|
| m/s                           | m/s                 |
| 1.113                         | 1.104               |
| 1.621                         | 1.626               |
| 2.052                         | 2.057               |
| 2.451                         | 2.459               |
| 2.874                         | 2.861               |
| 3.272                         | 3.266               |
| 3.574                         | 3.565               |
| 3.858                         | 3.850               |
| 4.220                         | 4.230               |
| 4.510                         | 4.521               |
| Maximum Acceleration: 975 g's |                     |