

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on 11Jun2024

Serial No: K12685 Temperature: 24.0 °C

Model: PR Humidity: 40%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

384.3 mv/5000g

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

R<sup>2</sup>: 0.999901 [Chip programmed]

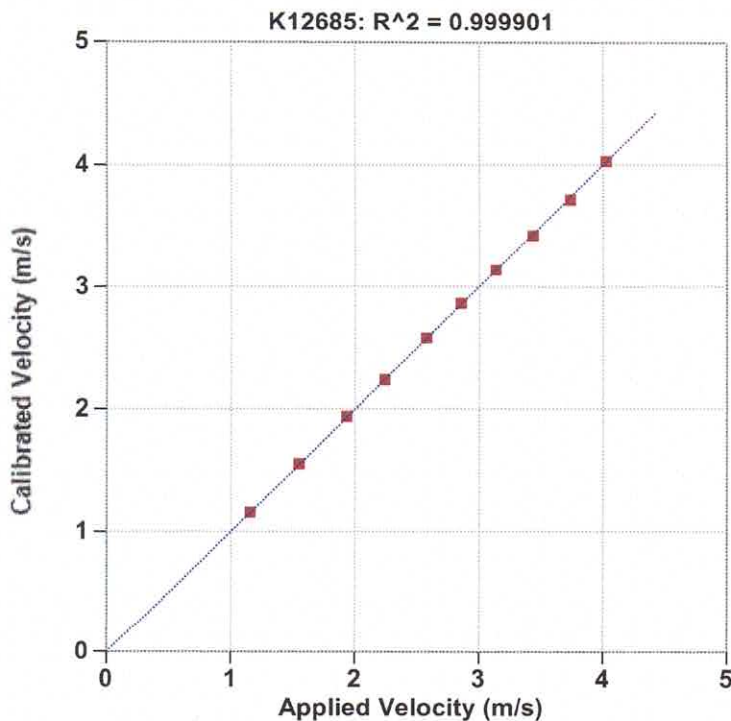
Operator: William Johnson

  
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 K12685 Velocity |
|--------------------|---------------------|
| m/s                | m/s                 |
| 1.158              | 1.163               |
| 1.553              | 1.562               |
| 1.932              | 1.944               |
| 2.241              | 2.243               |
| 2.581              | 2.583               |
| 2.857              | 2.866               |
| 3.136              | 3.138               |
| 3.436              | 3.428               |
| 3.739              | 3.720               |
| 4.027              | 4.031               |

Maximum Acceleration: 870 g's