

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on

APR 25 2024

Serial No: K13949 Temperature: 23.1 °C

Model: PR Humidity: 40%

Calibrated on: Channel 4 on 8G 5161 LE

### PDA CALIBRATION FACTOR

350.0 mv/5000g

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

R<sup>2</sup>: 0.999902 [Chip programmed]

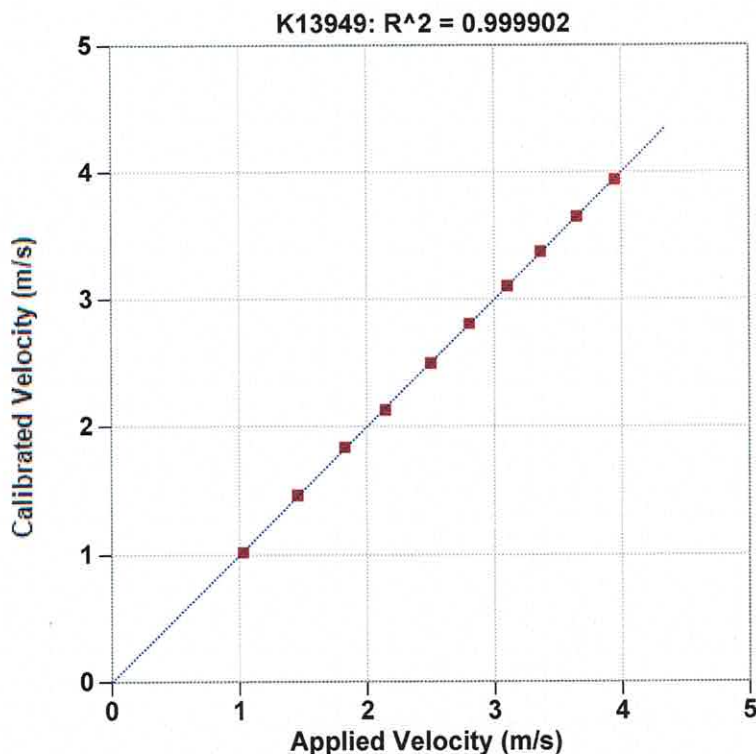
Operator: William Johnson

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

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

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

Signed



| Reference Velocity            | S/N K13949 Velocity |
|-------------------------------|---------------------|
| m/s                           | m/s                 |
| 1.029                         | 1.021               |
| 1.459                         | 1.466               |
| 1.826                         | 1.837               |
| 2.147                         | 2.129               |
| 2.504                         | 2.497               |
| 2.805                         | 2.810               |
| 3.103                         | 3.107               |
| 3.367                         | 3.377               |
| 3.651                         | 3.651               |
| 3.949                         | 3.941               |
| Maximum Acceleration: 846 g's |                     |