

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.

Calibration performed on

APR 04 2024

Serial No: K13900 Temperature: 23.8 °C

Model: PR Humidity: 28%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

392.5 mv/5000g

(78.5  $\mu$ v/g)

R<sup>2</sup>: 0.999954 [Chip programmed]

Operator: William Johnson

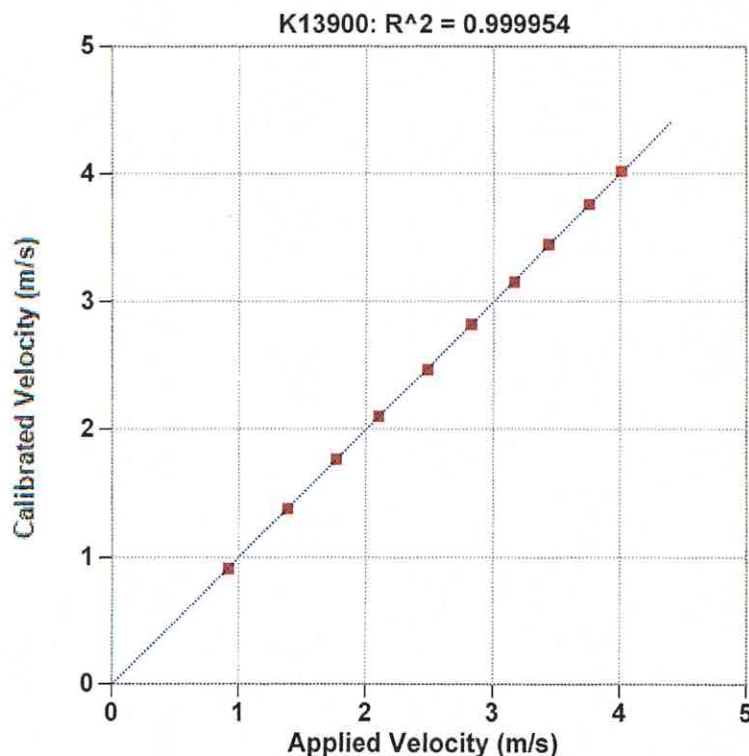
Ref Acc 1: 72505! Cal on: 05Apr2022  
1035 g's/volt

Ref Acc 2: 72517! Cal on: 05Apr2022  
1049 g's/volt

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

*William Johnson*

Signed



| Reference Velocity            | S/N K13900 Velocity |
|-------------------------------|---------------------|
| m/s                           | m/s                 |
| 0.916                         | 0.911               |
| 1.381                         | 1.376               |
| 1.761                         | 1.764               |
| 2.098                         | 2.100               |
| 2.482                         | 2.473               |
| 2.826                         | 2.823               |
| 3.167                         | 3.154               |
| 3.440                         | 3.444               |
| 3.754                         | 3.758               |
| 4.006                         | 4.018               |
| Maximum Acceleration: 862 g's |                     |