

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on 20May2024

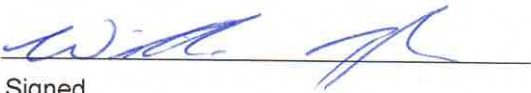
Serial No: K4104      Temperature: 23.8 °C  
Model: PR      Humidity: 52%  
Calibrated on: Channel 4 on 8G 5161 LE

### PDA CALIBRATION FACTOR

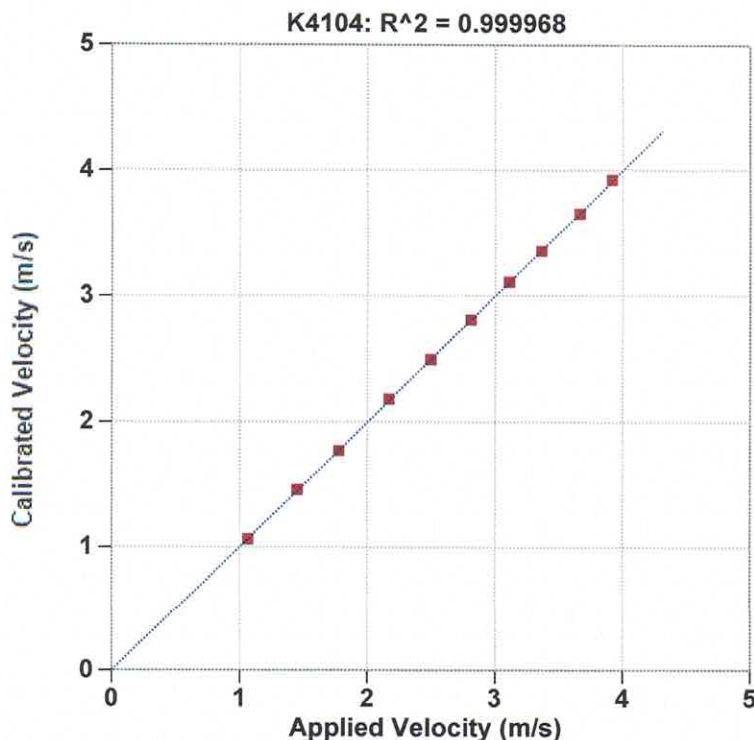
**371.1 mv/5000g**  
(74.2  $\mu\text{v/g}$ )  
 $R^2$ : 0.999968 [Chip programmed]

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 K4104 Velocity |
|-------------------------------|--------------------|
| m/s                           | m/s                |
| 1.067                         | 1.065              |
| 1.453                         | 1.460              |
| 1.777                         | 1.772              |
| 2.170                         | 2.179              |
| 2.496                         | 2.491              |
| 2.810                         | 2.808              |
| 3.111                         | 3.110              |
| 3.365                         | 3.359              |
| 3.662                         | 3.660              |
| 3.919                         | 3.927              |
| Maximum Acceleration: 837 g's |                    |