

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 26May2023

Serial No: K3975      Temperature: 74.3 °C

Model: PR      Humidity: 29%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**375.1 mv/5000g**  
 (75.0  $\mu\text{v/g}$ )  
 R<sup>2</sup>: 0.999946 [Chip programmed]

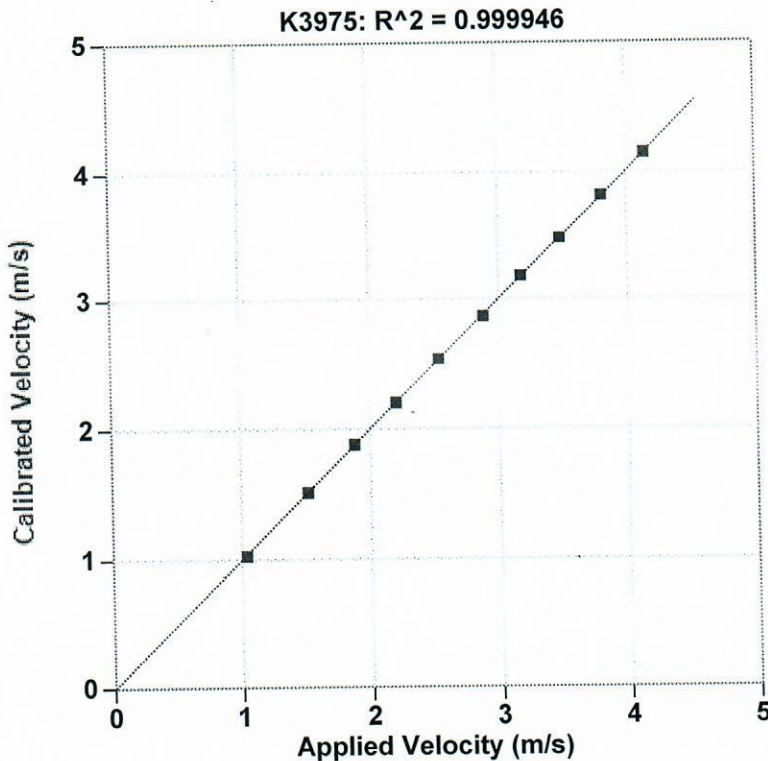
Operator: William Johnson

Ref Acc 1: 72517!      Cal on: 24Mar2022  
 1049 g's/volt

Ref Acc 2: 72505!      Cal on: 24Mar2022  
 1035 g's/volt

  
 Signed

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



Reference Velocity m/s	S/N K3975 Velocity m/s
1.037	1.027
1.517	1.514
1.879	1.883
2.203	2.199
2.534	2.533
2.881	2.866
3.177	3.181
3.480	3.481
3.808	3.818
4.145	4.146
Maximum Acceleration: 917 g's	