

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 01Jun2023

Serial No: K5289      Temperature: 74.3 °C

Model: PR      Humidity: 41%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**344.2 mv/5000g**  
 (68.8  $\mu$ v/g)  
 R<sup>2</sup>: 0.999997 [Chip programmed]

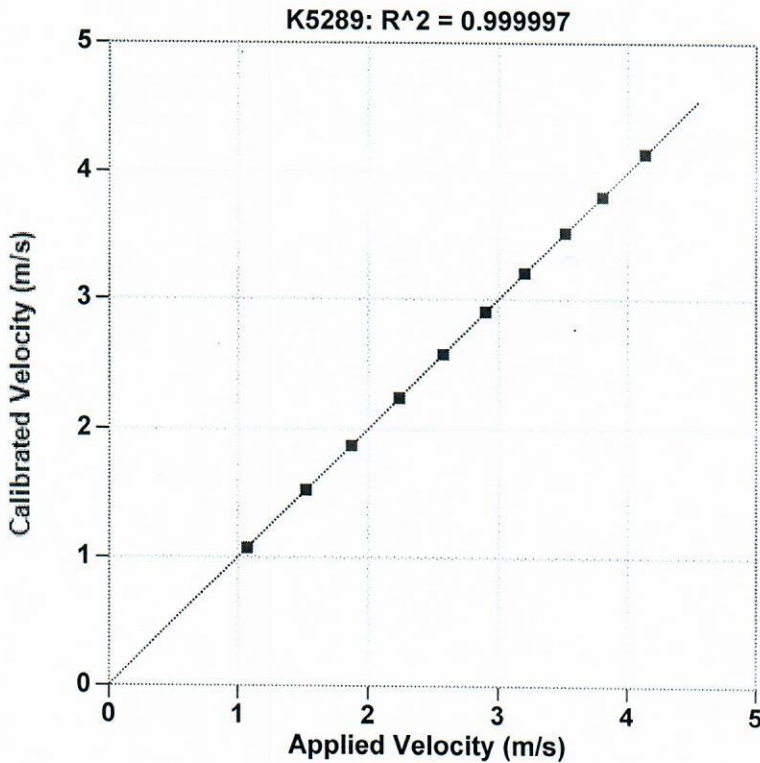
Operator: William Johnson

  
 Signed

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

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

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



Reference Velocity m/s	S/N K5289 Velocity m/s
1.073	1.072
1.521	1.524
1.871	1.871
2.240	2.239
2.576	2.575
2.901	2.903
3.204	3.203
3.518	3.518
3.806	3.803
4.139	4.141

Maximum Acceleration: 911 g's