

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 29Jul2024

Serial No: K5357      Temperature: 24.6 °C  
 Model: PR      Humidity: 43%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

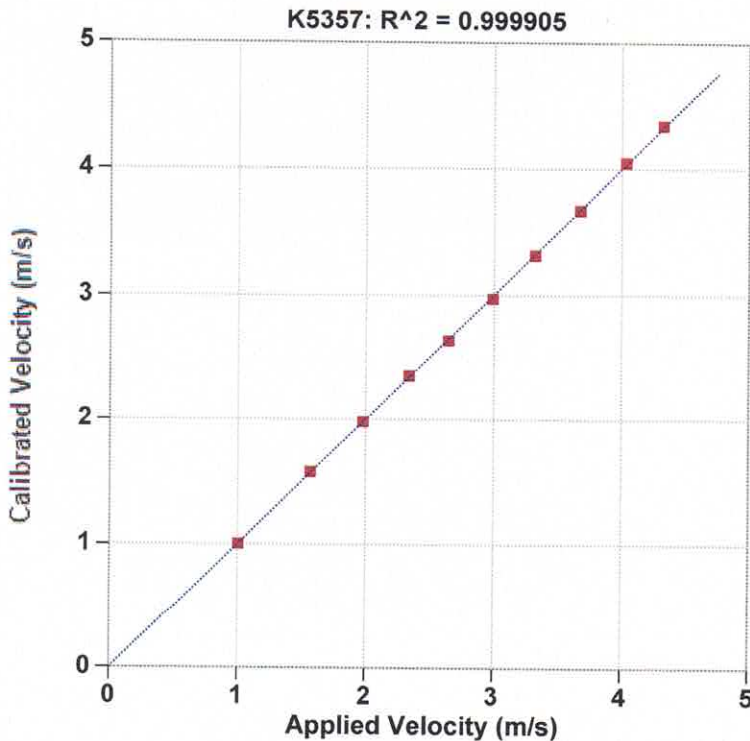
**320.3 mv/5000g**  
 (64.1  $\mu\text{v/g}$ )  
 R<sup>2</sup>: 0.999905 [Chip programmed]

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 K5357 Velocity
m/s	m/s
1.009	1.007
1.573	1.580
1.983	1.983
2.344	2.354
2.650	2.638
2.993	2.974
3.327	3.318
3.678	3.674
4.038	4.050
4.330	4.341

Maximum Acceleration: 908 g's