

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 29Mar2024

Serial No: K5600      Temperature: 22.1 °C  
 Model: PR      Humidity: 27%  
 Calibrated on: Channel 4 on 8G 5161 LE

### PDA CALIBRATION FACTOR

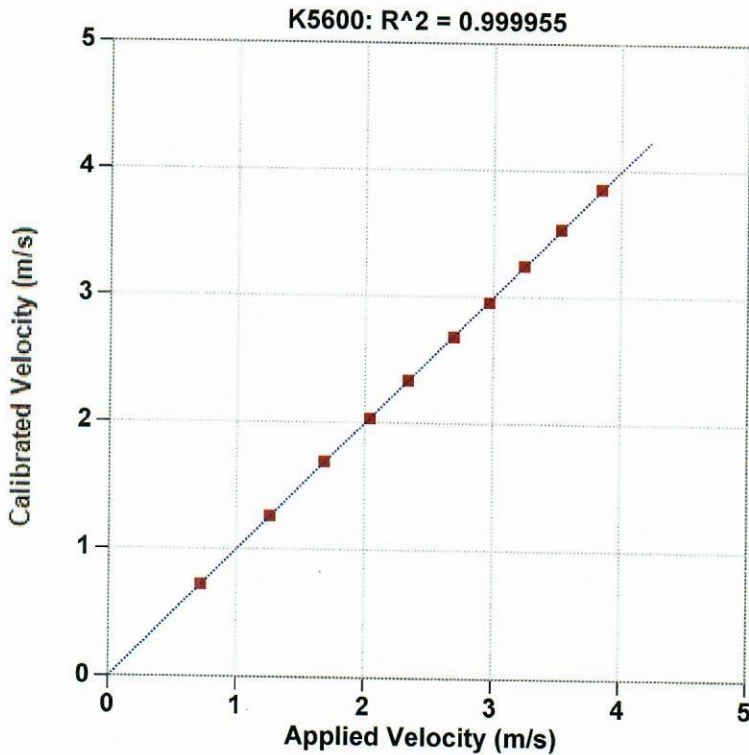
**316.9 mv/5000g**  
 (63.4  $\mu$ v/g)  
 R<sup>2</sup>: 0.999955 [Chip programmed]

Ref Acc 1: 72505!      Cal on: 05Apr2022  
 1035 g's/volt  
 Ref Acc 2: 72517!      Cal on: 05Apr2022  
 1049 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 K5600 Velocity
m/s	m/s
0.719	0.719
1.260	1.263
1.683	1.685
2.039	2.034
2.339	2.338
2.691	2.681
2.969	2.957
3.244	3.248
3.530	3.537
3.847	3.855

Maximum Acceleration: 824 g's