

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 01Jul2024

Serial No: K5674      Temperature: 24.2 °C  
 Model: PR      Humidity: 38%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

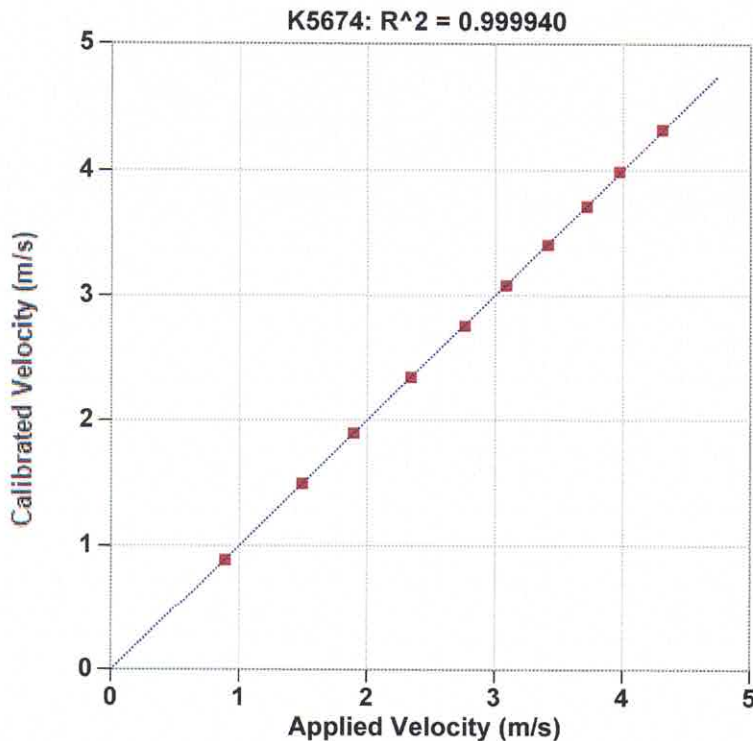
**350.5 mv/5000g**  
 (70.1  $\mu$ v/g)  
 R<sup>2</sup>: 0.999940 [Chip programmed]

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 K5674 Velocity
m/s	m/s
0.892	0.892
1.495	1.496
1.895	1.898
2.344	2.347
2.767	2.755
3.089	3.082
3.417	3.405
3.720	3.714
3.976	3.989
4.310	4.320

Maximum Acceleration: 937 g's