

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 17Feb2023

Serial No: K11979      Temperature: 69.5 °C  
 Model: PR      Humidity: 31%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

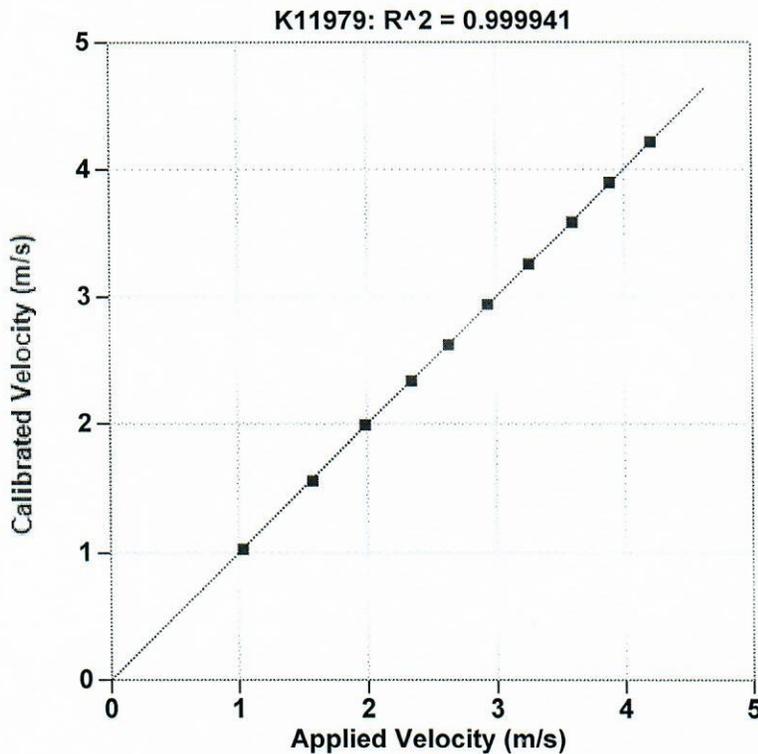
**379.2 mv/5000g**  
 (75.8  $\mu$ v/g)  
 R<sup>2</sup>: 0.999941 [Chip programmed]

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	S/N K11979 Velocity
m/s	m/s
1.036	1.029
1.577	1.559
1.984	1.991
2.344	2.338
2.629	2.627
2.933	2.942
3.257	3.258
3.596	3.594
3.892	3.898
4.214	4.213

Maximum Acceleration: 930 g's