

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 09Jun2023

Serial No: K6138      Temperature: 73.6 °C  
 Model: PR      Humidity: 37%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

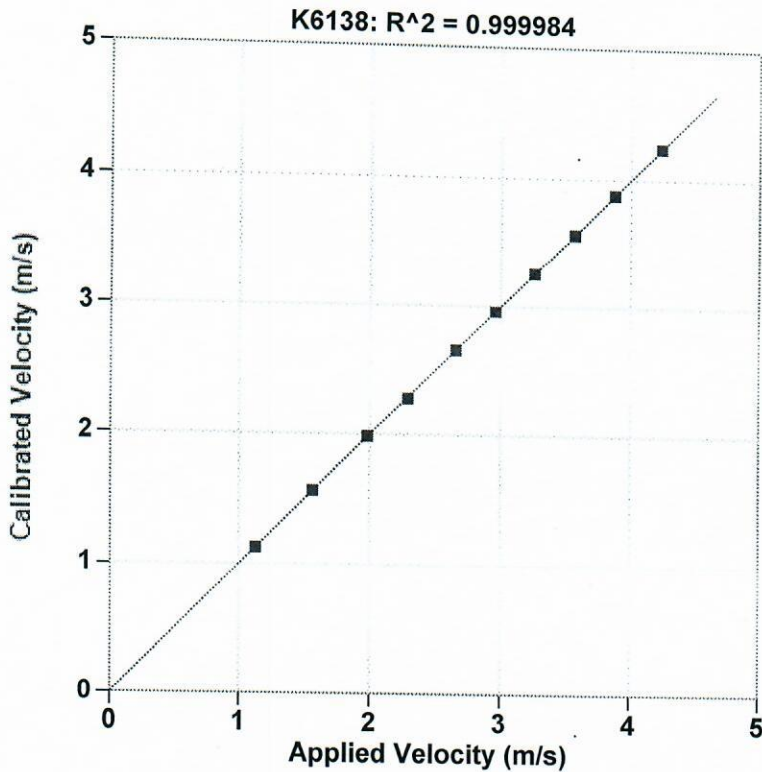
**381.1 mv/5000g**  
 (76.2  $\mu$ v/g)  
 R<sup>2</sup>: 0.999984 [Chip programmed]

Ref Acc 1: 72505!      Cal on: 24Mar2022  
 1035 g's/volt  
 Ref Acc 2: 72517!      Cal on: 24Mar2022  
 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 K6138 Velocity
m/s	m/s
1.126	1.128
1.564	1.567
1.982	1.984
2.291	2.280
2.657	2.655
2.960	2.959
3.260	3.260
3.570	3.573
3.877	3.878
4.240	4.242

Maximum Acceleration: 937 g's