

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



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

Serial No: K11956      Temperature: 73.6 °C  
 Model: PR      Humidity: 36%  
 Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

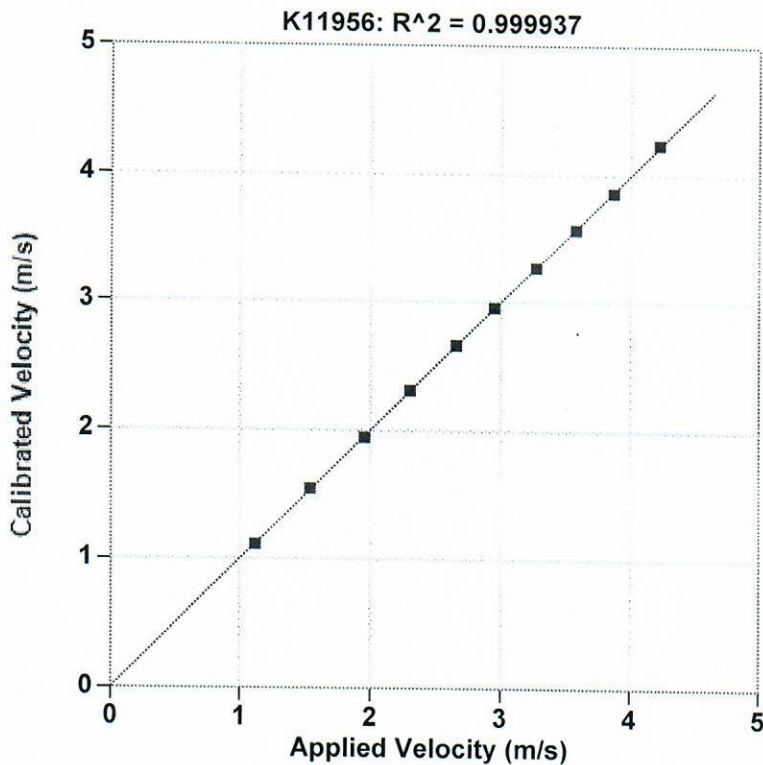
**439.4 mv/5000g**  
 (87.9  $\mu$ v/g)  
 R<sup>2</sup>: 0.999937 [Chip programmed]

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 K11956 Velocity
m/s	m/s
1.120	1.117
1.539	1.553
1.954	1.947
2.304	2.309
2.657	2.659
2.951	2.954
3.274	3.268
3.580	3.574
3.870	3.861
4.226	4.237

Maximum Acceleration: 934 g's