

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on

**JUL 18 2024**

Serial No: K13941      Temperature: 24.7 °C  
Model: PR      Humidity: 47%  
Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**389.2 mv/5000g**  
(77.8  $\mu\text{v/g}$ )  
R<sup>2</sup>: 0.999914 [Chip programmed]

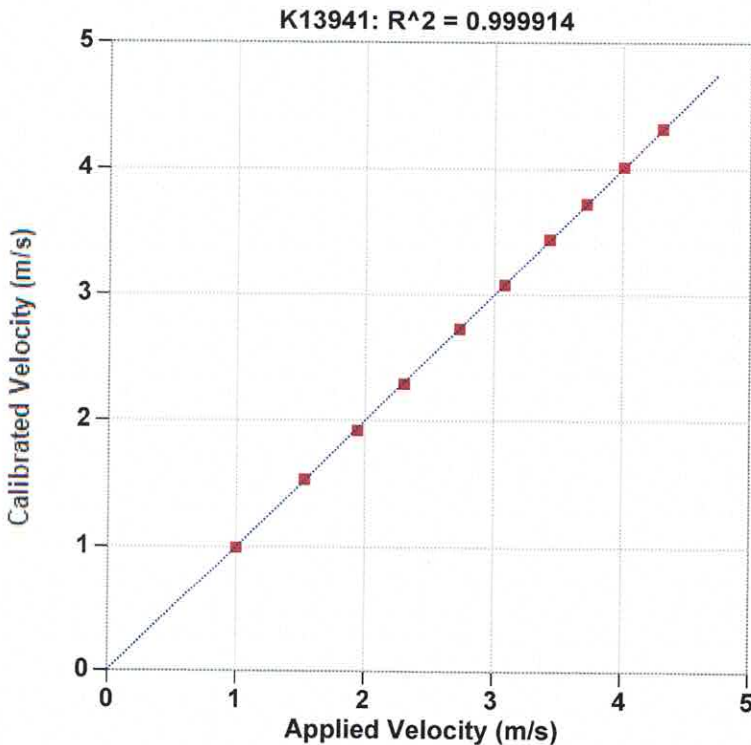
Ref Acc 1: 78270!      Cal on: 11Jan2024  
971 g's/volt  
Ref Acc 2: 78268!      Cal on: 11Jan2024  
986 g's/volt

Operator: William Johnson

Signed



Reference accelerometer calibrations are traceable to the United States National Institute of Standards and Technology (NIST).



Reference Velocity	S/N K13941 Velocity
m/s	m/s
1.004	0.996
1.532	1.541
1.942	1.921
2.305	2.292
2.736	2.730
3.085	3.083
3.436	3.447
3.723	3.728
4.013	4.018
4.317	4.320

Maximum Acceleration: 935 g's