

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on **JUL 19 2024**

**Serial No:** K14033      **Temperature:** 24.9 °C  
**Model:** PR      **Humidity:** 40%  
**Calibrated on:** Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

**355.6 mv/5000g**  
 (71.1 μv/g)  
 R<sup>2</sup>: 0.999950 [Chip programmed]

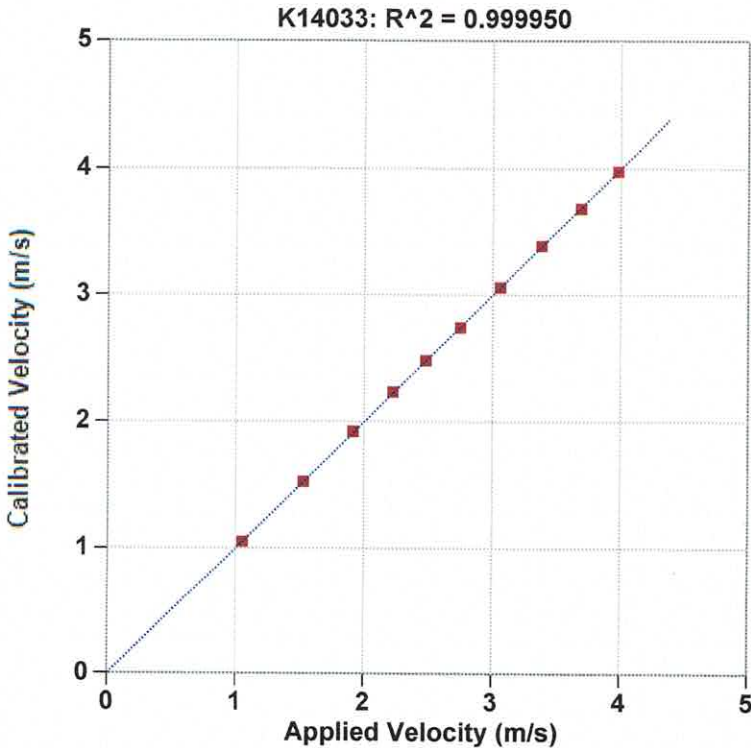
**Ref Acc 1:** 78270!      **Cal on:** 11Jan2024  
 971 g's/volt  
**Ref Acc 2:** 78268!      **Cal on:** 11Jan2024  
 986 g's/volt

Operator: William Johnson

Signed



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



Reference Velocity	S/N K14033 Velocity
m/s	m/s
1.054	1.050
1.526	1.528
1.912	1.923
2.225	2.235
2.481	2.482
2.750	2.742
3.059	3.060
3.385	3.387
3.690	3.682
3.979	3.978

Maximum Acceleration: 859 g's