

Accelerometer Calibration Certificate

Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.
Calibration performed on 18Jun2024

Serial No: K5533 Temperature: 24.6 °C

Model: PR Humidity: 42%

Calibrated on: Channel 4 on 8G 5161 LE

PDA CALIBRATION FACTOR

384.1 mv/5000g

(76.8 $\mu\text{v/g}$)

R²: 0.999924 [Chip programmed]

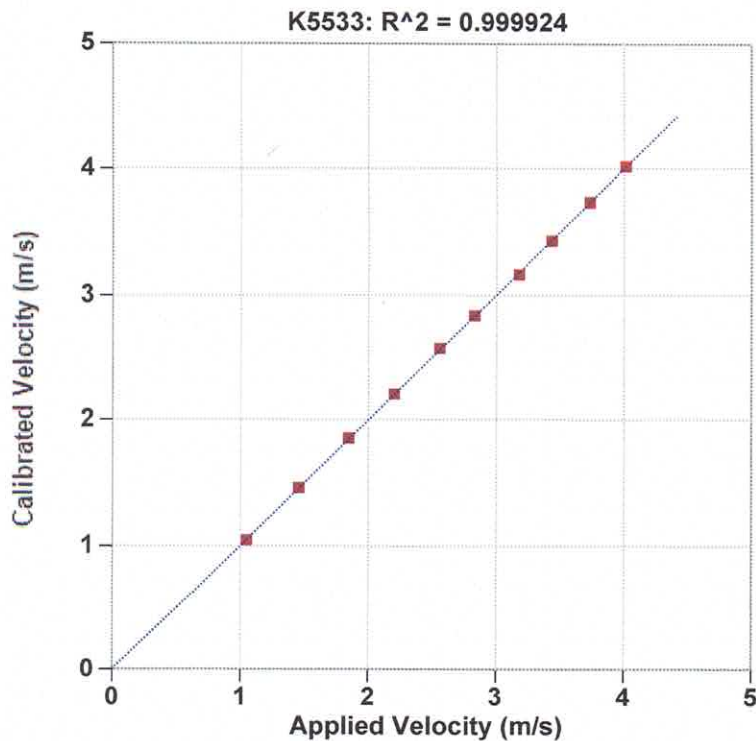
Operator: William Johnson

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

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

Signed

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



Reference Velocity	S/N K5533 Velocity
m/s	m/s
1.053	1.048
1.461	1.463
1.850	1.858
2.205	2.207
2.561	2.573
2.832	2.838
3.182	3.166
3.439	3.429
3.736	3.738
4.017	4.021
Maximum Acceleration: 868 g's	