

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
 Calibration performed on 17Apr2024

Serial No: 47648      Temperature: 22.7 °C

Model: PE      Humidity: 40%

Calibrated on: Channel 3 on 8G 5161 LE

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

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

### PDA CALIBRATION FACTOR

**1164.0 g's/volt**

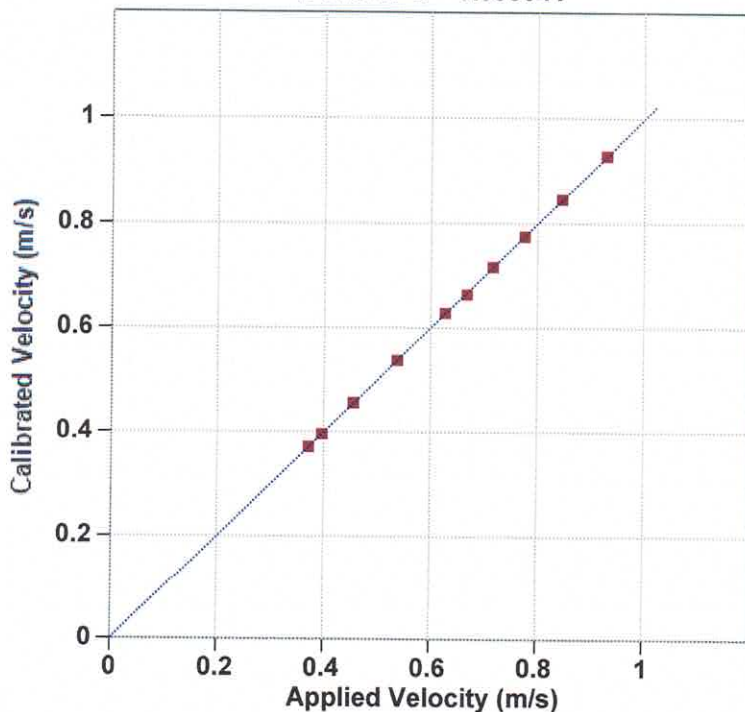
R<sup>2</sup>: 0.999941 [Chip programmed]

Operator: William Johnson

*William Johnson*  
 Signed

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

47648: R<sup>2</sup> = 0.999941



Reference Velocity	S/N 47648 Velocity
m/s	m/s
0.371	0.372
0.396	0.396
0.455	0.456
0.537	0.537
0.626	0.628
0.667	0.664
0.716	0.717
0.776	0.774
0.845	0.846
0.929	0.930

Maximum Acceleration: 109 g's