

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on

MAR 13 2024

Serial No: 78509 Temperature: 23.5 °C  
Model: PE Humidity: 28%

Calibrated on: Channel 3 on 8G 5161 LE

PDA CALIBRATION FACTOR

943.0 g's/volt

R<sup>2</sup>: 0.999905 [Chip programmed]

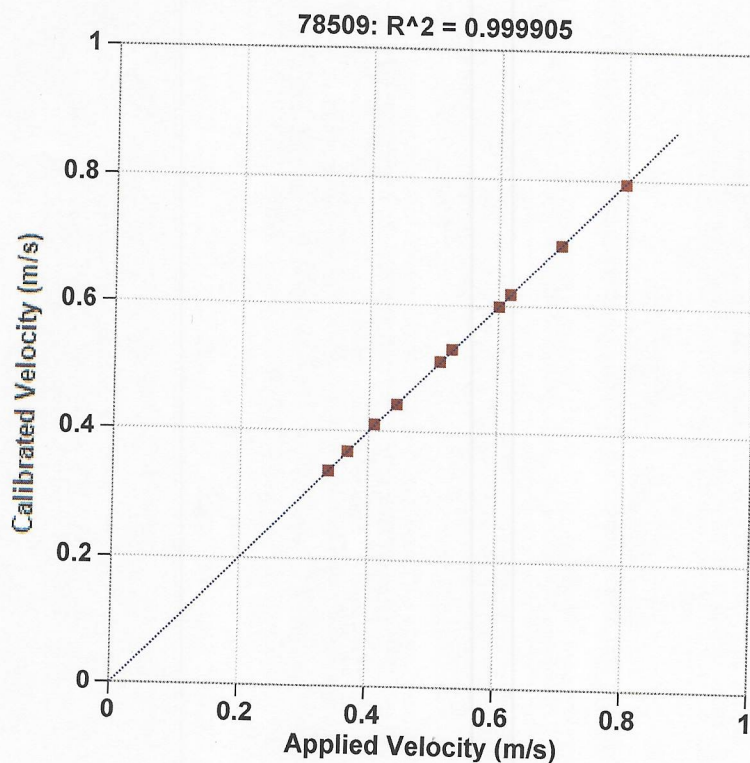
Operator: William Johnson

Ref Acc 1: 72505! Cal on: 24Mar2022  
1035 g's/volt

Ref Acc 2: 72517! Cal on: 24Mar2022  
1049 g's/volt

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

*William Johnson*  
Signed



| Reference Velocity            | S/N 78509 Velocity |
|-------------------------------|--------------------|
| m/s                           | m/s                |
| 0.337                         | 0.338              |
| 0.367                         | 0.368              |
| 0.409                         | 0.411              |
| 0.443                         | 0.443              |
| 0.510                         | 0.511              |
| 0.528                         | 0.531              |
| 0.601                         | 0.600              |
| 0.618                         | 0.619              |
| 0.698                         | 0.697              |
| 0.797                         | 0.795              |
| Maximum Acceleration: 114 g's |                    |