

# Accelerometer Calibration Certificate

## Pile Dynamics, Inc.



Calibrated by Pile Dynamics, Inc.  
Calibration performed on

Serial No: K12797 Temperature: 75.6 °C

Model: PR Humidity: 55%

Calibrated on: Channel 3 on 8G 5161 LE

### PDA CALIBRATION FACTOR

411.1 mv/5000g

(82.2  $\mu$ v/g)

R<sup>2</sup>: 0.999965 [Chip programmed]

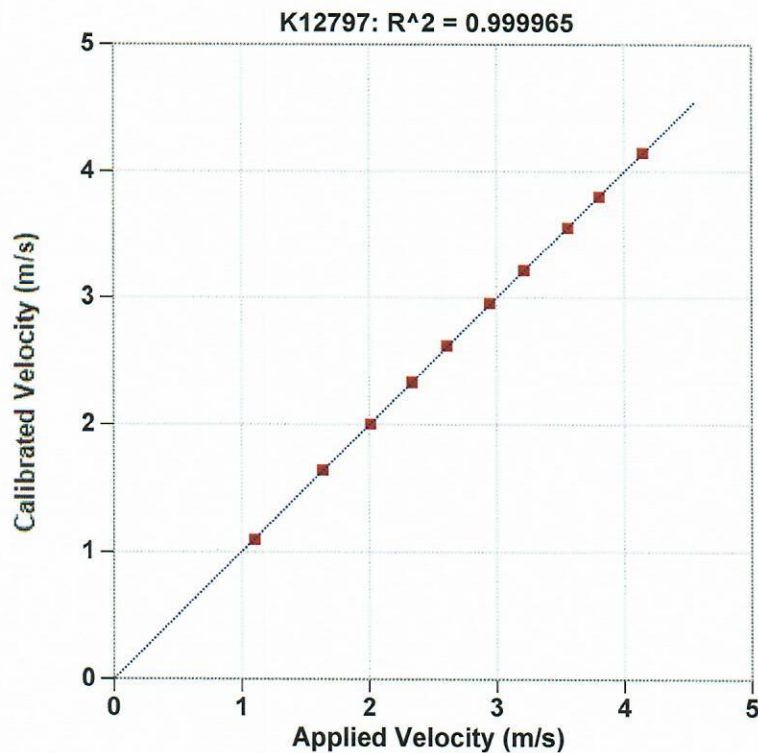
Ref Acc 1: 72505! Cal on: 24Mar2022  
1035 g's/volt

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

Operator: William Johnson

*William Johnson*  
Signed

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



| Reference Velocity            | S/N K12797 Velocity |
|-------------------------------|---------------------|
| m/s                           | m/s                 |
| 1.101                         | 1.097               |
| 1.635                         | 1.638               |
| 2.011                         | 2.007               |
| 2.339                         | 2.337               |
| 2.611                         | 2.619               |
| 2.946                         | 2.954               |
| 3.217                         | 3.213               |
| 3.559                         | 3.552               |
| 3.804                         | 3.798               |
| 4.146                         | 4.152               |
| Maximum Acceleration: 902 g's |                     |