Certificate of Calibration

Pile Dynamics, Inc.

Transducer Model: PDI Transducer

Serial Number: V476

APR 15 2021

PDI Gage Factor: 143.7 me/V

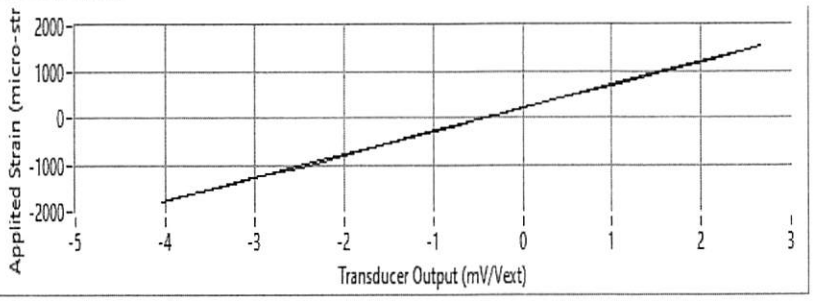
General Gage Factor: 499.1 **me**/mV/V$_{ext}$

Initial Offset Voltage: -0.143 mV/V$_{ext}$

Table 1: Representative Calibration Data

Applied Strain (micro-strain)	Transducer Output (mV/Vext.)	Applied Strain (micro-strain)	Transducer Output (mV/Vext.)
34.743	-0.396	106.621	-0.226
-74.891	-0.594	234.055	0.014
-291.843	-1.062	430.893	0.426
-570.203	-1.609	714.244	0.993
-851.939	-2.175	1011.129	1.572
-1138.921	-2.775	1310.567	2.209
-1431.966	-3.212	1564.053	2.665
-1707.315	-3.696	1488.068	2.523
-1788.895	-4.042	1170.715	1.878
-1581.696	-3.614	863.376	1.251
-1269.683	-3.034	564.361	0.679
-992.902	-2.403	289.068	0.065
-700.277	-1.851	149.047	-0.161
-413.316	-1.263	61.925	-0.299
-139.853	-0.719	25.904	-0.418
9.789	-0.440	25.751	-0.395

Calibration Curve



Mean Linear Correlation Coefficient (LCC): 0.999937

Calibrated By: Kay Tol

LCC Standard Deviation: 4.017122E-6

Signature: Kay Tol

Temperature (Degrees C): 26.2

PILE DYNAMICS, INC.
ORIGINAL COPY