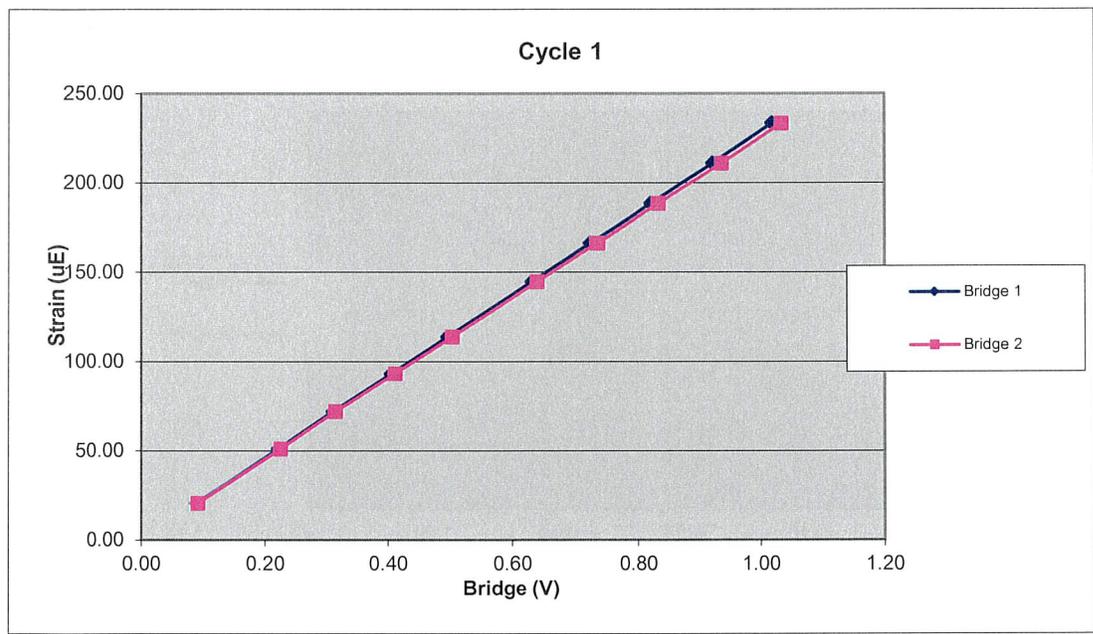


840NWJ		Cycle 1		
Sample	Force (lb)	Strain ( $\mu\text{E}$ )	Bridge 1 (V)	Bridge 2 (V)
1	0.00	0.00	0.00	0.00
2	887.89	20.60	0.09	0.09
3	2170.07	50.93	0.22	0.22
4	3043.69	71.87	0.31	0.31
5	3959.55	93.02	0.41	0.41
6	4843.00	113.73	0.50	0.50
7	6172.33	144.51	0.63	0.64
8	7096.77	166.09	0.72	0.74
9	8038.85	188.50	0.82	0.83
10	9021.63	210.85	0.92	0.94
11	9969.40	233.41	1.02	1.03

Bridge 1		Bridge 2	
Force Calibration (lb/V)	9784.63	Force Calibration (lb/V)	9642.10
Offset	4.42	Offset	4.32
Correlation	0.999997	Correlation	0.999997
Strain Calibration ( $\mu\text{E}/\text{V}$ )	228.80	Strain Calibration ( $\mu\text{E}/\text{V}$ )	225.46
Offset	0.37	Offset	0.37
Correlation	0.999993	Correlation	0.999990

Force Strain Calibration	
EA (Kips)	42765.33
Offset	-11.44
Correlation	0.999993

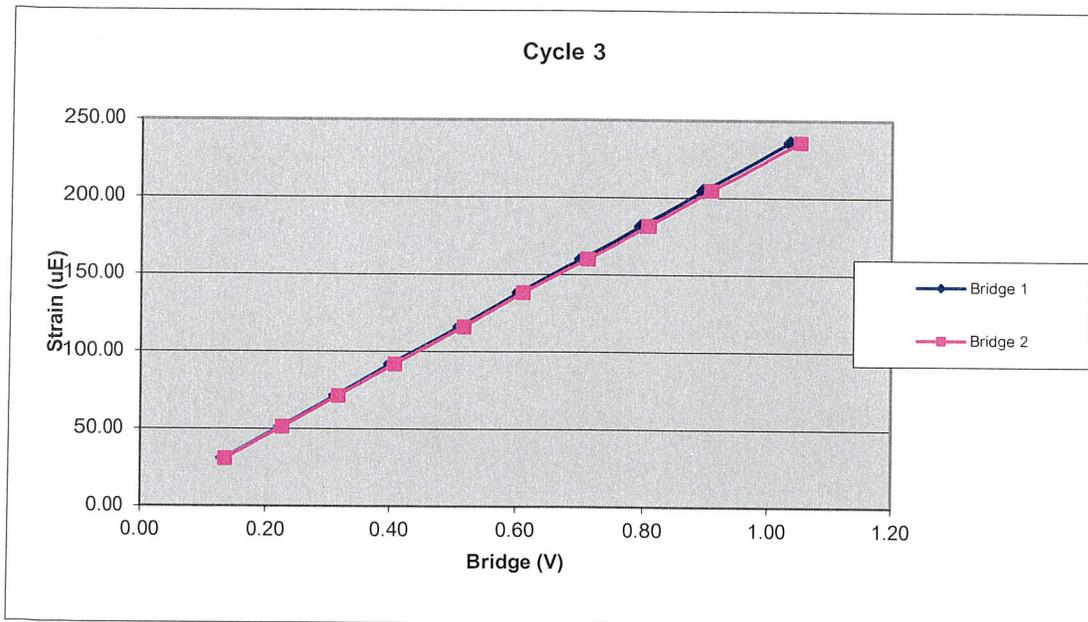




840NWJ		Cycle 3		
Sample	Force (lb)	Strain (μE)	Bridge 1 (V)	Bridge 2 (V)
1	0.00	0.00	0.00	0.00
2	1295.68	30.82	0.13	0.13
3	2185.02	51.41	0.22	0.23
4	3071.08	71.52	0.31	0.32
5	3938.91	92.03	0.40	0.41
6	5002.11	115.99	0.51	0.52
7	5926.54	138.17	0.61	0.61
8	6892.35	159.87	0.70	0.71
9	7815.34	181.46	0.80	0.81
10	8779.60	204.37	0.90	0.91
11	10157.34	235.67	1.04	1.05

Bridge 1		Bridge 2	
Force Calibration (lb/V)	9801.75	Force Calibration (lb/V)	9651.64
Offset	-4.81	Offset	3.95
Correlation	0.999999	Correlation	0.999998
Strain Calibration (μE/V)	226.85	Strain Calibration (μE/V)	223.38
Offset	0.58	Offset	0.78
Correlation	0.999986	Correlation	0.999988

Force Strain Calibration	
EA (Kips)	43206.97
Offset	-29.77
Correlation	0.999990



Traceable to N.I.S.T.

Pile Dynamics Inc  
30725 Aurora Rd  
Solon, OH 44139

Calibration valid for 2 years

Calibrated by: \_\_\_\_\_  
Calibrated Date: 3/17/2026

*Sean Benson*

840NWJ	EA Factor (Kips)	42996.84	Area (in <sup>2</sup> )	1.43
	Bridge 1 (µE/V)	227.77	Bridge 2 (µE/V)	224.45
	Calibration Factors			

Bridge Excitation (V) 5  
Shunt Resistor (ohm) 60.4k