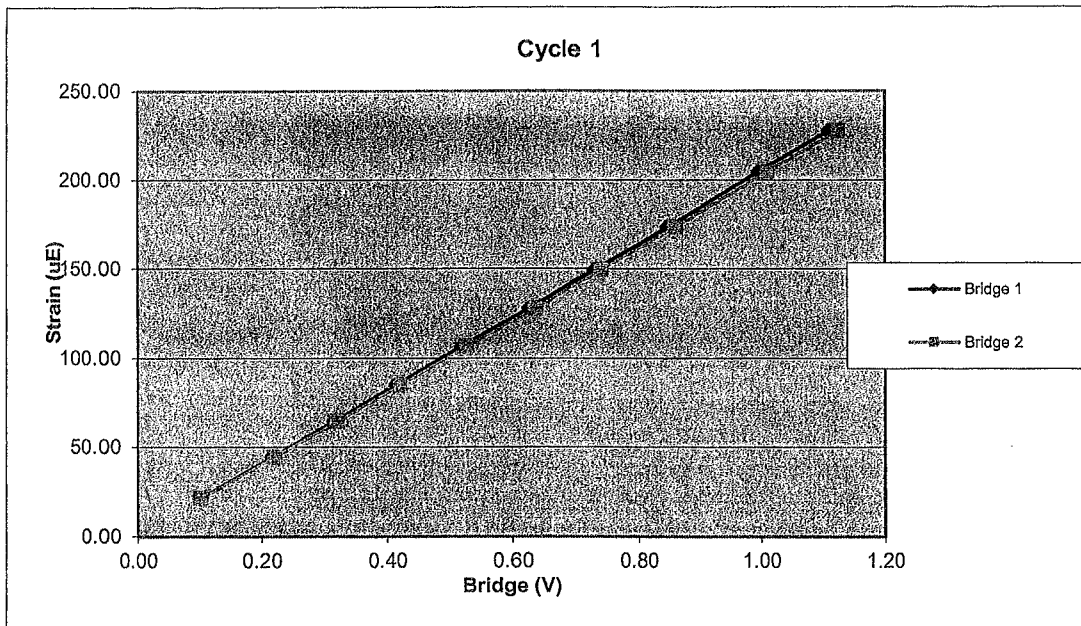


594NWJ		Cycle 1		
Sample	Force (lb)	Strain (μE)	Bridge 1 (V)	Bridge 2 (V)
1	0.00	0.00	0.00	0.00
2	946.79	21.04	0.10	0.10
3	1968.25	44.32	0.22	0.22
4	2865.82	64.23	0.32	0.32
5	3759.97	84.76	0.42	0.42
6	4722.56	106.67	0.52	0.53
7	5679.88	127.74	0.63	0.64
8	6608.83	149.30	0.73	0.74
9	7681.37	173.65	0.85	0.86
10	9026.16	204.45	1.00	1.01
11	10053.47	227.53	1.11	1.13

Bridge 1		Bridge 2	
Force Calibration (lb/V)	9053.16	Force Calibration (lb/V)	8915.04
Offset	4.64	Offset	10.56
Correlation	0.999998	Correlation	0.999996
Strain Calibration ($\mu\text{E}/\text{V}$)	205.35	Strain Calibration ($\mu\text{E}/\text{V}$)	202.22
Offset	-0.45	Offset	-0.32
Correlation	0.999990	Correlation	0.999988

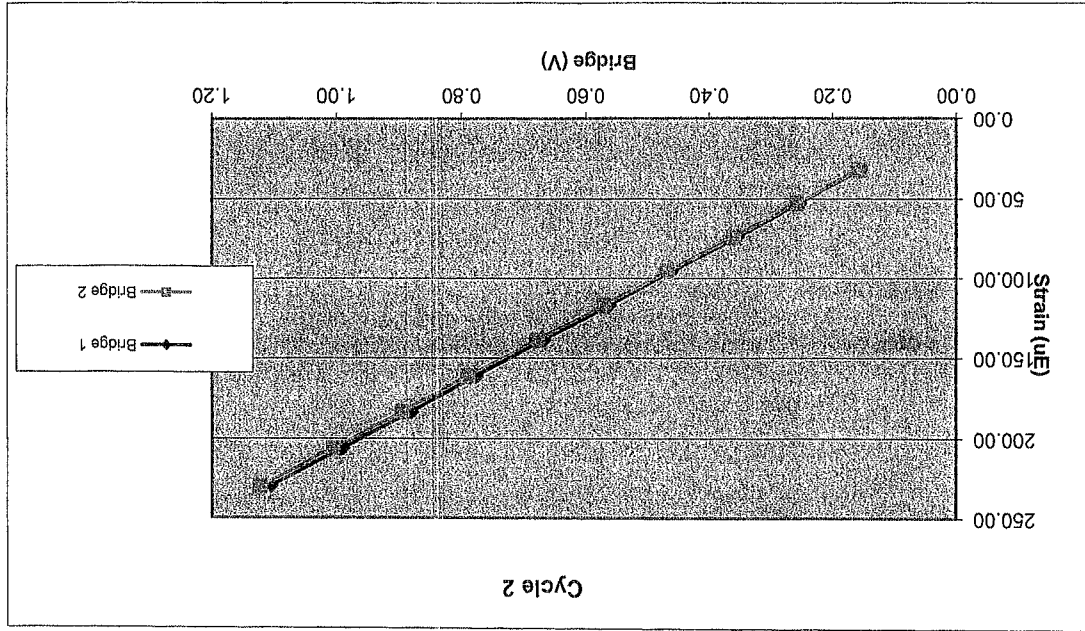
Force Strain Calibration	
EA (Kips)	44085.69
Offset	24.78
Correlation	0.999994



Sample	Force (lb)	Strain (μE)	Bridge 1 (V)	Bridge 2 (V)
1	0.00	0.00	0.00	0.00
2	1400.45	32.12	0.16	0.16
3	2296.75	52.69	0.25	0.26
4	3210.30	74.20	0.36	0.36
5	4169.08	95.74	0.46	0.47
6	5085.76	116.59	0.56	0.57
7	6028.94	138.53	0.67	0.68
8	7025.84	161.06	0.78	0.79
9	7975.26	183.00	0.88	0.90
10	8969.82	205.94	0.99	1.01
11	9993.82	229.67	1.11	1.12

Bridge 1		Bridge 2	
Force Calibration (lb/V)	9055.33	Force Calibration (lb/V)	8907.23
Offset	-7.44	Offset	1.33
Correlation	0.999998	Correlation	0.999997
Strain Calibration ($\mu\text{E}/\text{V}$)	207.85	Strain Calibration ($\mu\text{E}/\text{V}$)	204.45
Offset	-0.11	Offset	0.09
Correlation	0.999996	Correlation	0.999995

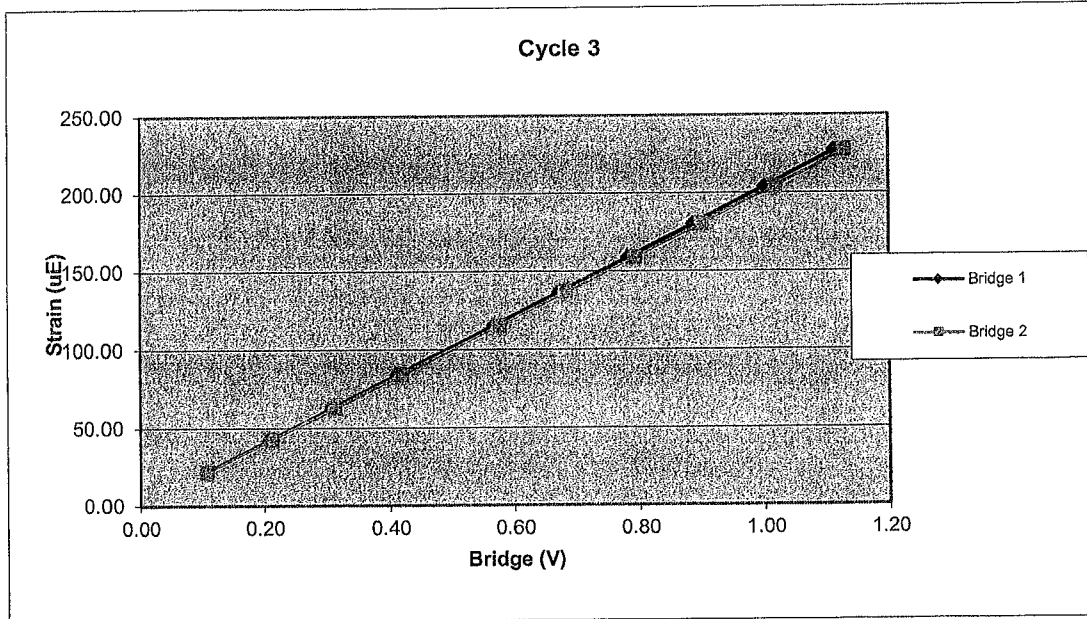
Force Strain Calibration	
EA (Kips)	43567.14
Offset	-2.47
Correlation	0.999995



594NWJ		Cycle 3		
Sample	Force (lb)	Strain (μE)	Bridge 1 (V)	Bridge 2 (V)
1	0.00	0.00	0.00	0.00
2	962.88	21.67	0.11	0.11
3	1879.35	42.22	0.21	0.21
4	2780.82	62.65	0.31	0.31
5	3730.63	84.23	0.41	0.42
6	5119.87	115.17	0.57	0.58
7	6071.25	136.90	0.67	0.68
8	7055.37	158.96	0.78	0.79
9	8003.34	180.39	0.89	0.90
10	9051.99	203.86	1.00	1.02
11	10065.17	227.07	1.11	1.13

Bridge 1		Bridge 2	
Force Calibration (lb/V)	9048.65	Force Calibration (lb/V)	8903.49
Offset	-7.33	Offset	2.13
Correlation	0.999998	Correlation	0.999998
Strain Calibration ($\mu\text{E}/\text{V}$)	204.04	Strain Calibration ($\mu\text{E}/\text{V}$)	200.77
Offset	-0.24	Offset	-0.03
Correlation	0.999994	Correlation	0.999993

Force Strain Calibration	
EA (Kips)	44346.83
Offset	3.55
Correlation	0.999998



Traceable to N.I.S.T.

Pile Dynamics Inc
30725 Aurora Rd
Solon, OH 44139

Calibration valid for 2 years

Calibrated by: Sean D. Berman
1/22/2026

EA Factor (Kips)	43999.89	Area (in ²)	1.47
Bridge 1 (µE/V)	205.75	Bridge 2 (µE/V)	202.48
Calibration Factors	594NWJ		

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