

APPENDIX B

FWD Data Analysis

Taverage	14°C
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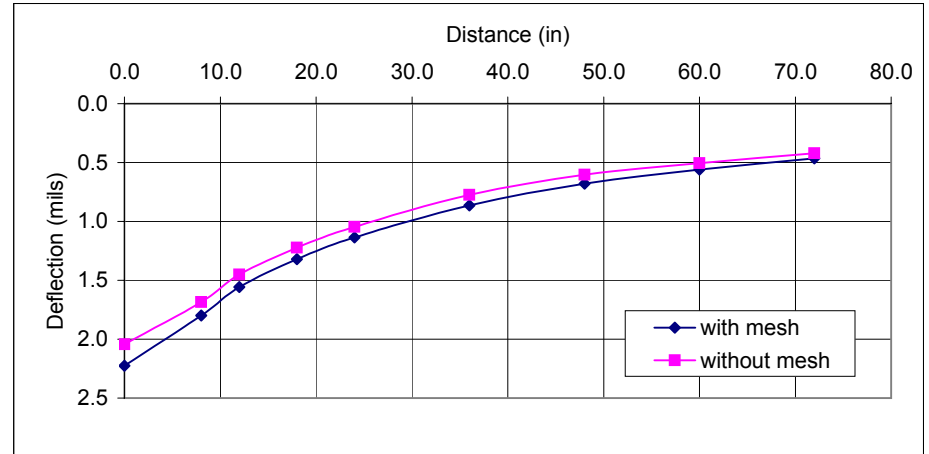
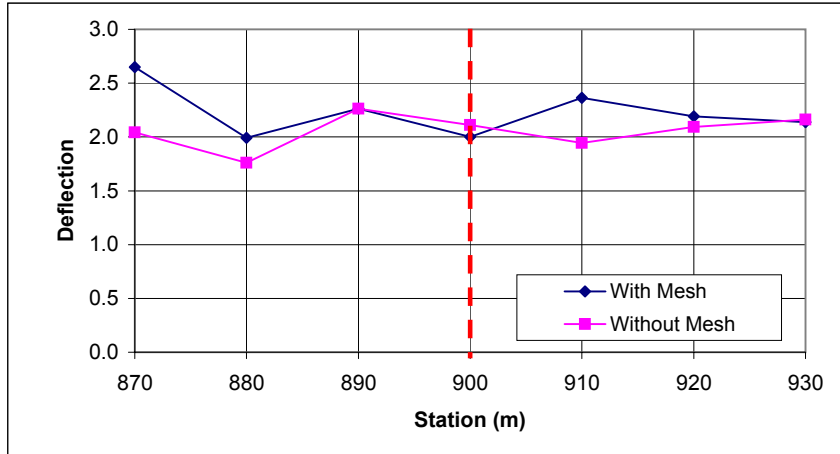
Section I

Station	Distance = 0.0		Distance = 8.0		Distance = 12.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
870	2.65	2.04	2.18	1.63	1.90	1.40
880	1.99	1.76	1.57	1.43	1.35	1.18
890	2.26	2.26	1.85	1.90	1.62	1.67
900	2.00	2.11	1.59	1.78	1.36	1.55
910	2.36	1.94	1.76	1.48	1.50	1.25
920	2.19	2.09	1.72	1.41	1.42	1.13
930	2.14	2.16	1.78	1.79	1.55	1.54

Station	Distance = 18.0		Distance = 24.0		Distance = 36.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
870	1.61	1.16	1.37	0.99	0.99	0.72
880	1.13	0.95	0.97	0.77	0.71	0.52
890	1.39	1.45	1.22	1.27	0.95	0.96
900	1.15	1.33	0.99	1.15	0.80	0.90
910	1.23	1.03	1.00	0.84	0.76	0.62
920	1.13	0.90	0.92	0.75	0.66	0.53
930	1.30	1.26	1.11	1.04	0.88	0.70

Station	Distance = 48.0		Distance = 60.0		Distance = 72.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
870	0.75	0.57	0.62	0.49	0.50	0.42
880	0.53	0.37	0.40	0.30	0.30	0.23
890	0.78	0.75	0.68	0.62	0.58	0.51
900	0.66	0.73	0.54	0.61	0.48	0.52
910	0.59	0.52	0.47	0.42	0.41	0.39
920	0.51	0.42	0.43	0.40	0.38	0.32
930	0.72	0.52	0.60	0.43	0.52	0.36

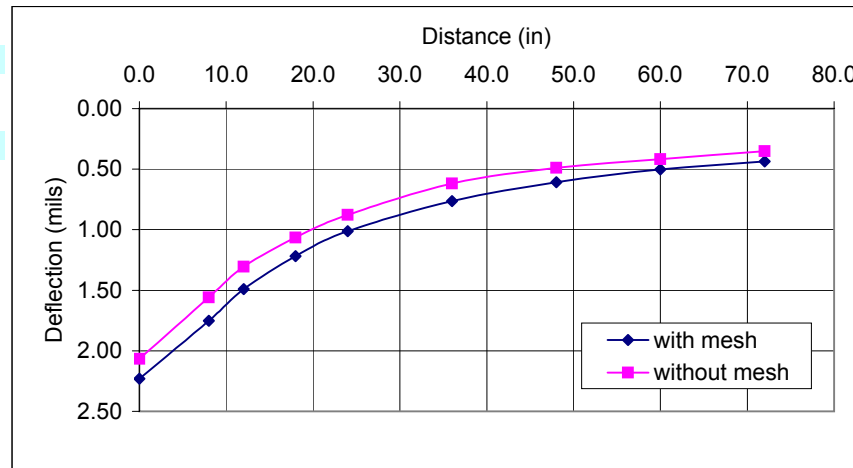
		0.00	8.00	12.00	18.00	24.00	36.00	48.00	60.00	72.00
MESH1	Instrum.	2.23	1.80	1.56	1.32	1.14	0.86	0.68	0.56	0.47
	N.Instrum.	2.04	1.69	1.45	1.22	1.05	0.78	0.60	0.51	0.42
MESH2	Instrum.	2.23	1.75	1.49	1.22	1.01	0.76	0.61	0.50	0.44
	N.Instrum.	2.07	1.56	1.30	1.06	0.88	0.62	0.49	0.42	0.35



MESH 1

MESH 1 Away from the instrumented area

MESH 2 In the instrumented area



MESH 2

Analysis of Variance (Section I)

Distance=0.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	8.906	2.226	0.095
Column 2	4	8.174	2.044	0.044

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.067	1	0.067	0.960	0.365	5.987
Within Groups	0.418	6	0.070			
Total	0.485	7				

Distance=8.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	7.192	1.798	0.081
Column 2	4	6.742	1.686	0.041

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.025	1	0.025	0.413	0.544	5.987
Within Groups	0.366	6	0.061			
Total	0.392	7				

Distance=12.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	6.231	1.558	0.068
Column 2	4	5.800	1.450	0.044

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.023	1	0.023	0.413	0.544	5.987
Within Groups	0.338	6	0.056			
Total	0.361	7				

Distance=18.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	5.281	1.320	0.051
Column 2	4	4.888	1.222	0.047

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.019	1	0.019	0.394	0.553	5.987
Within Groups	0.294	6	0.049			
Total	0.313	7				

Distance=24.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	4.546	1.137	0.037
Column 2	4	4.182	1.045	0.046

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.017	1	0.017	0.396	0.553	5.987
Within Groups	0.252	6	0.042			
Total	0.268	7				

Distance=36.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	3.459	0.865	0.017
Column 2	4	3.102	0.776	0.040

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.016	1	0.016	0.563	0.481	5.987
Within Groups	0.169	6	0.028			
Total	0.185	7				

Distance=48.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	2.714	0.679	0.013
Column 2	4	2.415	0.604	0.031

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.011	1	0.011	0.512	0.501	5.987
Within Groups	0.131	6	0.022			
Total	0.142	7				

Distance=60.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	2.234	0.559	0.014
Column 2	4	2.023	0.506	0.022

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.006	1	0.006	0.310	0.598	5.987
Within Groups	0.108	6	0.018			
Total	0.114	7				

Distance=72.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	1.862	0.465	0.014
Column 2	4	1.689	0.422	0.018

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.004	1	0.004	0.239	0.642	5.987
Within Groups	0.094	6	0.016			
Total	0.098	7				

Analysis of Variance (Section I)

Distance=0.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	6.695	2.232	0.014
Column 2	3	6.198	2.066	0.012

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.041	1	0.041	3.133	0.151	7.709
Within Groups	0.053	4	0.013			
Total	0.094	5				

Distance=8.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	5.258	1.753	0.001
Column 2	3	4.676	1.559	0.040

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.057	1	0.057	2.743	0.173	7.709
Within Groups	0.082	4	0.021			
Total	0.139	5				

Distance=12.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	4.470	1.490	0.004
Column 2	3	3.915	1.305	0.045

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.051	1	0.051	2.085	0.222	7.709
Within Groups	0.099	4	0.025			
Total	0.150	5				

Distance=18.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	3.653	1.218	0.008
Column 2	3	3.193	1.064	0.034

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.035	1	0.035	1.680	0.265	7.709
Within Groups	0.084	4	0.021			
Total	0.119	5				

Distance=24.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	3.033	1.011	0.010
Column 2	3	2.629	0.876	0.021

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.027	1	0.027	1.747	0.257	7.709
Within Groups	0.062	4	0.016			
Total	0.089	5				

Distance=36.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	2.294	0.765	0.012
Column 2	3	1.859	0.620	0.007

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.032	1	0.032	3.364	0.141	7.709
Within Groups	0.038	4	0.009			
Total	0.069	5				

Distance=48.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	1.822	0.607	0.011
Column 2	3	1.463	0.488	0.003

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.021	1	0.021	3.072	0.155	7.709
Within Groups	0.028	4	0.007			
Total	0.049	5				

Distance=60.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	1.507	0.502	0.008
Column 2	3	1.255	0.418	0.000

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.011	1	0.011	2.649	0.179	7.709
Within Groups	0.016	4	0.004			
Total	0.026	5				

Distance=72.0

Anova: Single Factor

SUMMARY

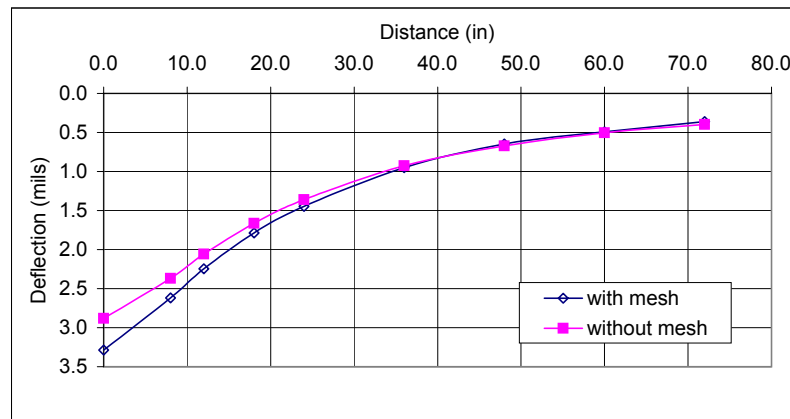
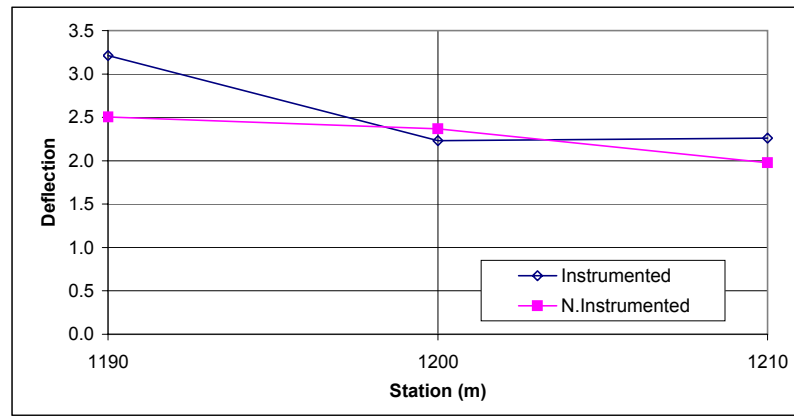
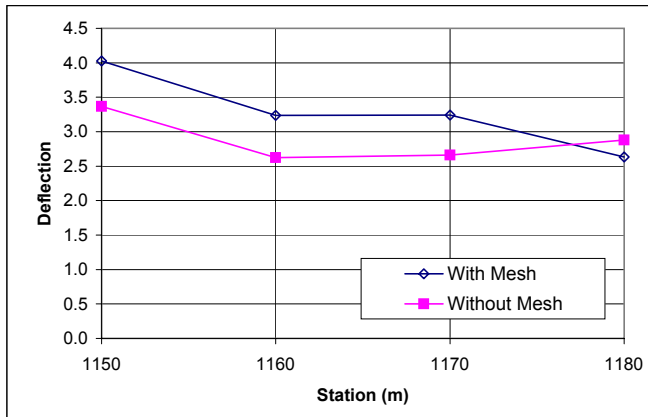
Groups	Count	Sum	Average	Variance
Column 1	3	1.310	0.437	0.006
Column 2	3	1.058	0.353	0.001

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.011	1	0.011	2.954	0.161	7.709
Within Groups	0.014	4	0.004			
Total	0.025	5				

Section L

Station	Distance = 0.0		Distance = 8.0		Distance = 12.0		Distance = 18.0		Distance = 24.0		Distance = 36.0		Distance = 48.0		Distance = 60.0		Distance = 72.0		
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented	
1150	4.03	3.36	3.32	2.76	2.85	2.43	2.29	1.98	1.86	1.61	1.19	1.10	0.84	0.82	0.59	0.57	0.46	0.46	
1160	3.24	2.62	2.67	2.09	2.31	1.81	1.87	1.50	1.53	1.26	1.01	0.89	0.67	0.69	0.50	0.55	0.35	0.44	
1170	3.24	2.66	2.39	2.25	2.07	1.96	1.61	1.60	1.32	1.35	0.89	0.96	0.62	0.69	0.52	0.54	0.38	0.42	
1180	2.63	2.88	2.09	2.38	1.76	2.03	1.39	1.57	1.08	1.23	0.71	0.75	0.46	0.49	0.35	0.35	0.25	0.27	
1190	3.21	2.50	2.58	2.05	2.23	1.78	1.79	1.46	1.45	1.20	0.96	0.81	0.67	0.55	0.50	0.41	0.40	0.31	
1200	2.23	2.37	1.72	1.90	1.43	1.67	1.09	1.38	0.89	1.15	0.57	0.78	0.37	0.52	0.26	0.35	0.18	0.29	
1210	2.26	1.98	1.79	1.47	1.50	1.26	1.20	1.05	0.94	0.85	0.59	0.57	0.39	0.40	0.28	0.24	0.21	0.18	
Instrum.	0.00	8.00	12.00	18.00	24.00	36.00	48.00	60.00	72.00										
N. Instrum.	3.28	2.62	2.25	1.79	1.45	0.95	0.65	0.49	0.36										
	2.88	2.37	2.06	1.66	1.36	0.92	0.67	0.50	0.40										



Analysis of Variance (Section L)

Distance=0.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	13.14	3.284897	0.325415061
Column 2	4	11.53	2.881936	0.116182497

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.32476	1	0.324755	1.470820547	0.270795	5.987374
Within Groups	1.32479	6	0.220799			
Total	1.64955	7				

Distance=8.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	10.47	2.61762	0.277629158
Column 2	4	9.478	2.369527	0.083380853

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.1231	1	0.123101	0.681979057	0.440499	5.987374
Within Groups	1.08303	6	0.180505			
Total	1.20613	7				

Distance=12.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	8.980	2.245	0.214
Column 2	4	8.228	2.057	0.072

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.071	1	0.071	0.495	0.508	5.987
Within Groups	0.857	6	0.143			
Total	0.928	7				

Distance=18.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	7.151	1.788	0.150
Column 2	4	6.658	1.665	0.047

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.030	1	0.030	0.307	0.600	5.987
Within Groups	0.592	6	0.099			
Total	0.623	7				

Distance=24.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	5.780	1.445	0.109
Column 2	4	5.448	1.362	0.030

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.014	1	0.014	0.198	0.672	5.987
Within Groups	0.419	6	0.070			
Total	0.433	7				

Distance=36.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	3.800	0.950	0.042
Column 2	4	3.698	0.925	0.021

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.001	1	0.001	0.041	0.846	5.987
Within Groups	0.189	6	0.032			
Total	0.190	7				

Distance=48.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	2.590	0.648	0.025
Column 2	4	2.689	0.672	0.018

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.001	1	0.001	0.056	0.821	5.987
Within Groups	0.131	6	0.022			
Total	0.132	7				

Distance=60.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	1.960	0.490	0.010
Column 2	4	2.009	0.502	0.010

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.000	1	0.000	0.029	0.871	5.987
Within Groups	0.062	6	0.010			
Total	0.063	7				

Distance=72.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	1.440	0.360	0.008
Column 2	4	1.589	0.397	0.007

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.003	1	0.003	0.367	0.567	5.987
Within Groups	0.045	6	0.008			
Total	0.048	7				

Taverage 23°C

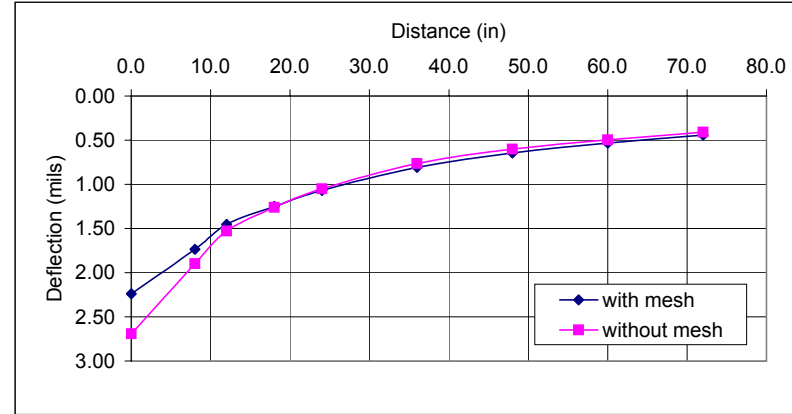
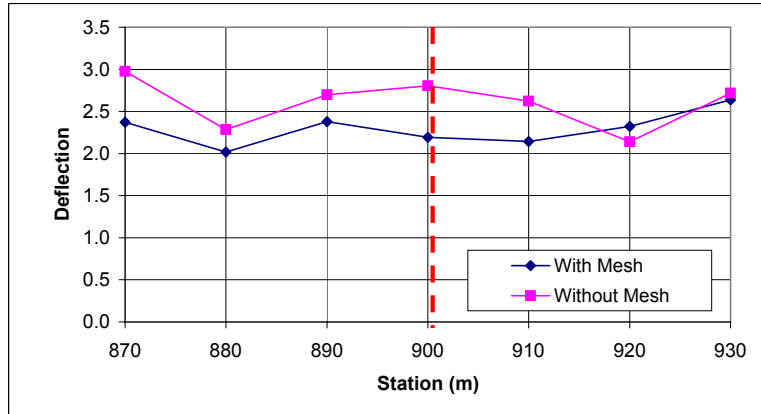
Section I

Station	Distance = 0.0		Distance = 8.0		Distance = 12.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
870	2.37	2.98	1.88	2.08	1.60	1.65
880	2.02	2.28	1.49	1.52	1.21	1.19
890	2.38	2.70	1.88	1.97	1.58	1.64
900	2.19	2.80	1.69	2.02	1.43	1.64
910	2.14	2.62	1.63	1.69	1.33	1.33
920	2.32	2.14	1.76	1.35	1.39	0.97
930	2.64	2.72	1.96	1.94	1.58	1.60

Station	Distance = 18.0		Distance = 24.0		Distance = 36.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
870	1.37	1.33	1.15	1.07	0.85	0.75
880	1.04	0.93	0.88	0.73	0.63	0.46
890	1.35	1.40	1.16	1.22	0.91	0.94
900	1.25	1.39	1.08	1.18	0.83	0.91
910	1.14	1.05	0.96	0.86	0.65	0.64
920	1.09	0.85	0.88	0.67	0.63	0.49
930	1.31	1.34	1.08	1.12	0.78	0.83

Station	Distance = 48.0		Distance = 60.0		Distance = 72.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
870	0.67	0.61	0.54	0.50	0.45	0.42
880	0.47	0.32	0.36	0.23	0.27	0.18
890	0.76	0.75	0.66	0.65	0.57	0.51
900	0.68	0.73	0.57	0.61	0.48	0.51
910	0.54	0.53	0.47	0.44	0.39	0.38
920	0.47	0.38	0.42	0.36	0.30	0.28
930	0.62	0.64	0.57	0.53	0.47	0.40

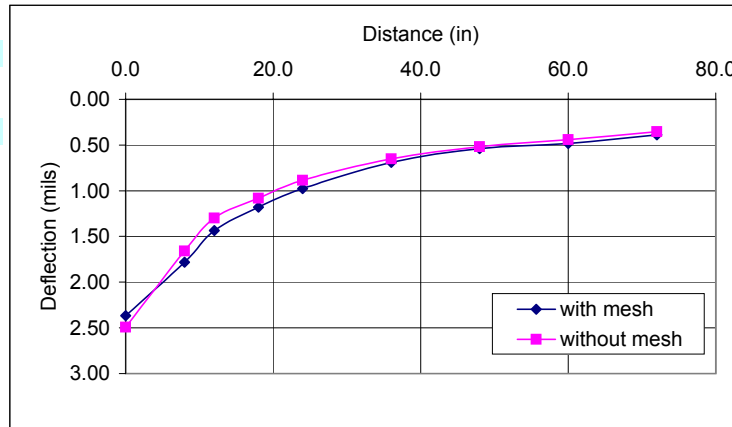
		0.00	8.00	12.00	18.00	24.00	36.00	48.00	60.00	72.00
MESH1	Instrum.	2.24	1.74	1.45	1.25	1.07	0.81	0.64	0.53	0.44
	N.Instrum.	2.69	1.90	1.53	1.26	1.05	0.76	0.60	0.50	0.41
MESH2	Instrum.	2.37	1.78	1.43	1.18	0.98	0.69	0.54	0.48	0.39
	N.Instrum.	2.49	1.66	1.30	1.08	0.89	0.65	0.52	0.44	0.35



MESH 1

MESH 1 *Away from the instrumented area*

MESH 2 *In the instrumented area*



MESH 2

Analysis of Variance (Section I)

Distance=0.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	8.963	2.241	0.029
Column 2	4	10.764	2.691	0.087

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.405	1	0.405	6.982	0.038	5.987
Within Groups	0.348	6	0.058			
Total	0.754	7				

Distance=8.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	6.941	1.735	0.035
Column 2	4	7.592	1.898	0.067

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.053	1	0.053	1.040	0.347	5.987
Within Groups	0.306	6	0.051			
Total	0.359	7				

Distance=12.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	5.818	1.455	0.032
Column 2	4	6.122	1.531	0.053

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.012	1	0.012	0.271	0.621	5.987
Within Groups	0.255	6	0.043			
Total	0.267	7				

Distance=18.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	5.005	1.251	0.023
Column 2	4	5.049	1.262	0.049

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.000	1	0.000	0.007	0.938	5.987
Within Groups	0.216	6	0.036			
Total	0.216	7				

Distance=24.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	4.270	1.067	0.018
Column 2	4	4.198	1.049	0.050

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.001	1	0.001	0.019	0.895	5.987
Within Groups	0.204	6	0.034			
Total	0.205	7				

Distance=36.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	3.234	0.808	0.015
Column 2	4	3.057	0.764	0.049

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.004	1	0.004	0.124	0.737	5.987
Within Groups	0.191	6	0.032			
Total	0.195	7				

Distance=48.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	2.576	0.644	0.015
Column 2	4	2.399	0.600	0.038

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.004	1	0.004	0.147	0.714	5.987
Within Groups	0.160	6	0.027			
Total	0.164	7				

Distance=60.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	2.131	0.533	0.016
Column 2	4	1.992	0.498	0.035

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.002	1	0.002	0.093	0.771	5.987
Within Groups	0.155	6	0.026			
Total	0.157	7				

Distance=72.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	1.763	0.441	0.016
Column 2	4	1.634	0.409	0.024

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.002	1	0.002	0.103	0.759	5.987
Within Groups	0.120	6	0.020			
Total	0.123	7				

Analysis of Variance (Section I)

Distance=0.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	7.102	2.367	0.062
Column 2	3	7.481	2.494	0.096

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.024	1	0.024	0.303	0.611	7.709
Within Groups	0.316	4	0.079			
Total	0.340	5				

Distance=8.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	5.346	1.782	0.028
Column 2	3	4.980	1.660	0.087

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.022	1	0.022	0.388	0.567	7.709
Within Groups	0.229	4	0.057			
Total	0.252	5				

Distance=12.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	4.302	1.434	0.016
Column 2	3	3.897	1.299	0.098

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.027	1	0.027	0.479	0.527	7.709
Within Groups	0.229	4	0.057			
Total	0.256	5				

Distance=18.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	3	3.541	1.180	0.014
Column 2	3	3.242	1.081	0.063

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.015	1	0.015	0.391	0.566	7.709
Within Groups	0.153	4	0.038			
Total	0.168	5				

Distance=24.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	3	2.927	0.976	0.009
Column 2	3	2.656	0.885	0.051

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.012	1	0.012	0.406	0.559	7.709
Within Groups	0.120	4	0.030			
Total	0.133	5				

Distance=36.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	3	2.068	0.689	0.007
Column 2	3	1.953	0.651	0.029

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.002	1	0.002	0.123	0.744	7.709
Within Groups	0.072	4	0.018			
Total	0.074	5				

Distance=48.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	3	1.620	0.540	0.006
Column 2	3	1.553	0.518	0.017

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.001	1	0.001	0.064	0.813	7.709
Within Groups	0.046	4	0.012			
Total	0.047	5				

Distance=60.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	3	1.454	0.485	0.006
Column 2	3	1.328	0.443	0.007

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.003	1	0.003	0.413	0.555	7.709
Within Groups	0.026	4	0.006			
Total	0.028	5				

Distance=72.0

Anova: Single Factor

SUMMARY

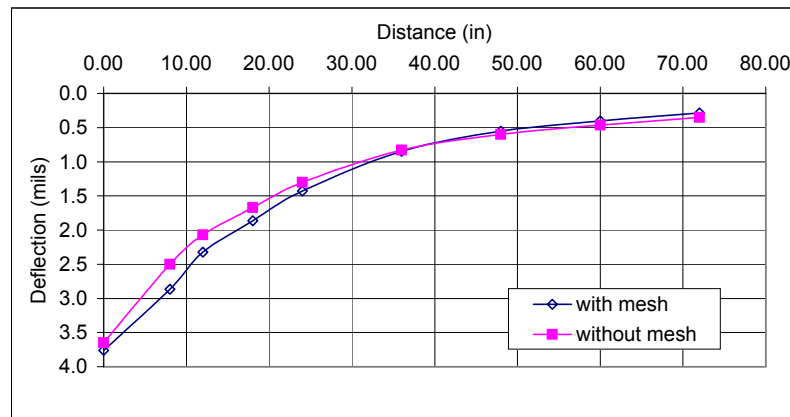
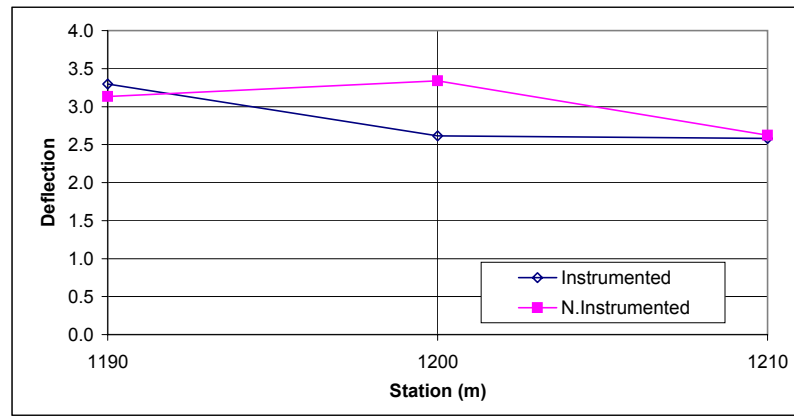
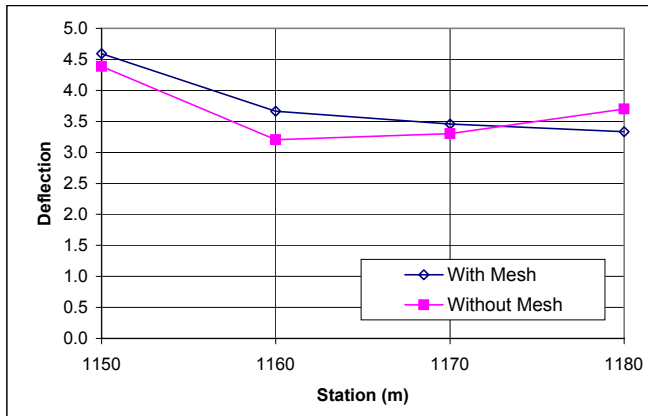
<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	3	1.161	0.387	0.007
Column 2	3	1.065	0.355	0.004

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.002	1	0.002	0.278	0.626	7.709
Within Groups	0.022	4	0.006			
Total	0.024	5				

Section L

Station	Distance = 0.0		Distance = 8.0		Distance = 12.0		Distance = 18.0		Distance = 24.0		Distance = 36.0		Distance = 48.0		Distance = 60.0		Distance = 72.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
1150	4.59	4.39	3.69	3.33	3.03	2.77	2.51	2.18	1.91	1.63	1.12	1.03	0.72	0.73	0.48	0.55	0.33	0.42
1160	3.66	3.21	2.80	2.00	2.29	1.73	1.85	1.51	1.45	1.26	0.85	0.80	0.55	0.61	0.40	0.51	0.26	0.39
1170	3.46	3.30	2.58	2.16	2.09	1.79	1.68	1.47	1.31	1.18	0.83	0.81	0.56	0.59	0.43	0.47	0.34	0.35
1180	3.33	3.70	2.40	2.51	1.87	1.99	1.42	1.52	1.06	1.14	0.59	0.67	0.39	0.46	0.30	0.32	0.22	0.26
1190	3.30	3.13	2.50	2.06	2.03	1.74	1.59	1.43	1.24	1.14	0.80	0.72	0.55	0.47	0.39	0.33	0.30	0.26
1200	2.62	3.34	2.06	2.13	1.71	1.78	1.34	1.46	1.03	1.19	0.60	0.78	0.37	0.52	0.25	0.37	0.17	0.27
1210	2.58	2.63	1.99	1.60	1.66	1.35	1.34	1.14	1.07	0.89	0.69	0.54	0.44	0.36	0.30	0.26	0.22	0.17
	0.00	8.00	12.00	18.00	24.00	36.00	48.00	60.00	72.00									
Instrum.	3.76	2.87	2.32	1.87	1.43	0.85	0.55	0.40	0.29									
N. Instrum.	3.65	2.50	2.07	1.67	1.30	0.83	0.60	0.46	0.35									



Analysis of Variance (Section L)

Distance=0.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	15.048	3.762	0.326
Column 2	4	14.595	3.649	0.288

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.026	1	0.026	0.084	0.782	5.987
Within Groups	1.841	6	0.307			
Total	1.866	7				

Distance=8.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	11.472	2.868	0.325
Column 2	4	10.001	2.500	0.352

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.270	1	0.270	0.798	0.406	5.987
Within Groups	2.032	6	0.339			
Total	2.303	7				

Distance=12.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	9.285	2.321	0.251
Column 2	4	8.281	2.070	0.228

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.126	1	0.126	0.526	0.496	5.987
Within Groups	1.438	6	0.240			
Total	1.564	7				

Distance=18.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	7.462	1.866	0.217
Column 2	4	6.689	1.672	0.117

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.075	1	0.075	0.448	0.528	5.987
Within Groups	1.002	6	0.167			
Total	1.077	7				

Distance=24.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	5.719	1.430	0.130
Column 2	4	5.206	1.302	0.051

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.033	1	0.033	0.365	0.568	5.987
Within Groups	0.541	6	0.090			
Total	0.573	7				

Distance=36.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	3.396	0.849	0.048
Column 2	4	3.308	0.827	0.022

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.001	1	0.001	0.027	0.875	5.987
Within Groups	0.211	6	0.035			
Total	0.212	7				

Distance=48.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	2.215	0.554	0.018
Column 2	4	2.390	0.597	0.013

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.004	1	0.004	0.248	0.636	5.987
Within Groups	0.093	6	0.015			
Total	0.096	7				

Distance=60.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	1.614	0.404	0.006
Column 2	4	1.856	0.464	0.011

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.007	1	0.007	0.881	0.384	5.987
Within Groups	0.050	6	0.008			
Total	0.057	7				

Distance=72.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	1.152	0.288	0.003
Column 2	4	1.412	0.353	0.005

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.008	1	0.008	2.151	0.193	5.987
Within Groups	0.024	6	0.004			
Total	0.032	7				

Taverage 32°C

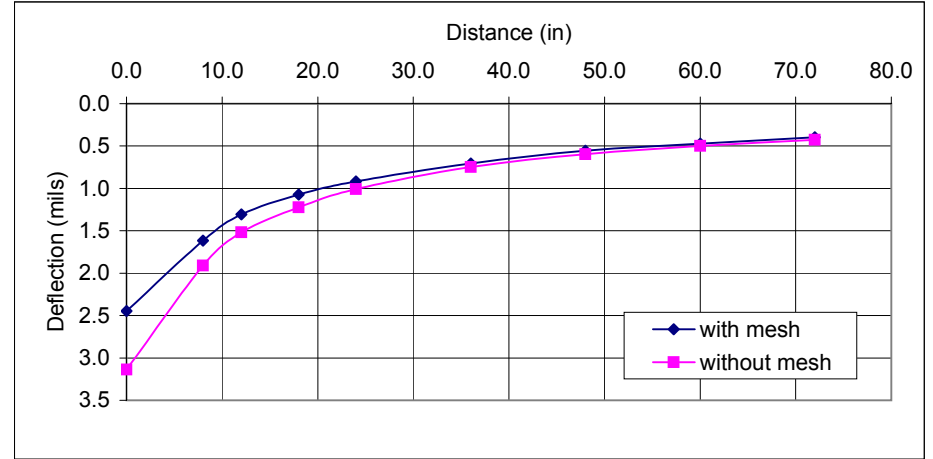
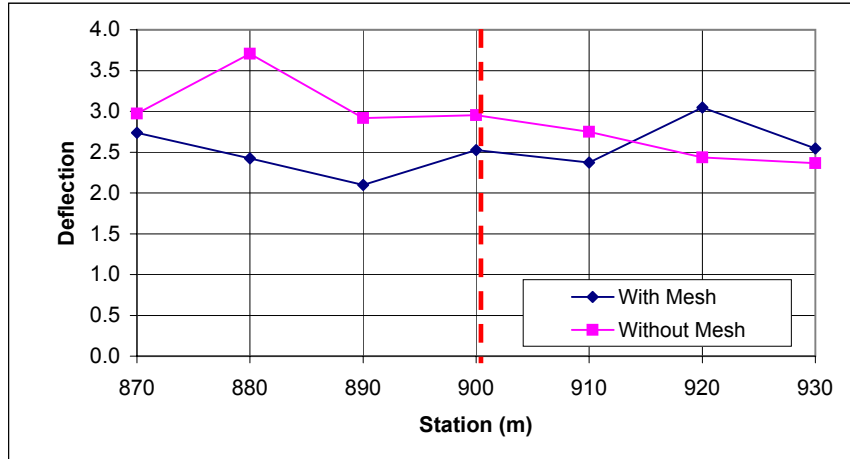
Section I

Station	Distance = 0.0		Distance = 8.0		Distance = 12.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
870	2.74	2.97	1.71	1.96	1.39	1.55
880	2.42	3.70	1.62	1.81	1.30	1.42
890	2.10	2.92	1.38	1.86	1.11	1.49
900	2.53	2.95	1.75	2.02	1.43	1.61
910	2.37	2.75	1.49	1.70	1.16	1.33
920	3.05	2.43	2.10	1.51	1.71	1.15
930	2.55	2.37	1.58	1.44	1.24	1.10

Station	Distance = 18.0		Distance = 24.0		Distance = 36.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
870	1.19	1.27	1.03	1.07	0.77	0.83
880	1.03	1.09	0.86	0.80	0.63	0.48
890	0.88	1.21	0.77	1.03	0.61	0.78
900	1.19	1.32	1.01	1.13	0.82	0.90
910	0.99	1.12	0.84	0.96	0.67	0.72
920	1.41	0.91	1.18	0.76	0.84	0.57
930	0.95	0.89	0.78	0.76	0.59	0.58

Station	Distance = 48.0		Distance = 60.0		Distance = 72.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
870	0.60	0.66	0.50	0.55	0.41	0.47
880	0.48	0.35	0.40	0.28	0.34	0.22
890	0.48	0.65	0.41	0.56	0.35	0.48
900	0.66	0.73	0.57	0.60	0.49	0.54
910	0.55	0.63	0.52	0.55	0.42	0.48
920	0.63	0.47	0.52	0.39	0.45	0.31
930	0.46	0.45	0.43	0.42	0.37	0.36

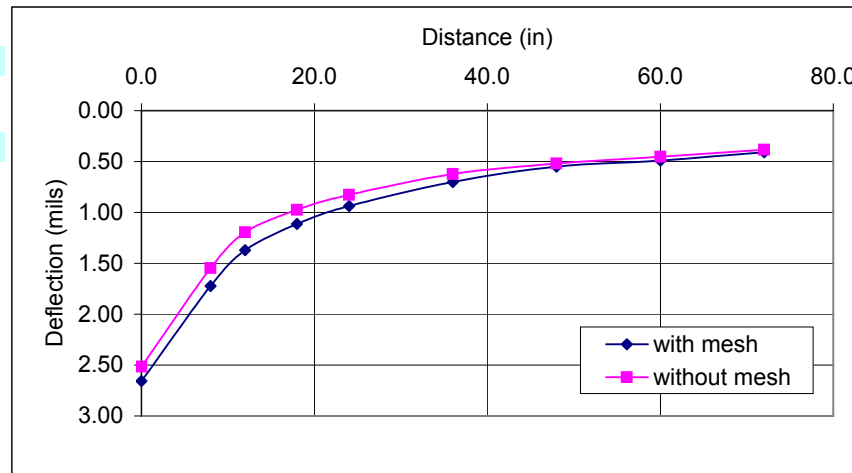
		0.00	8.00	12.00	18.00	24.00	36.00	48.00	60.00	72.00
MESH1	Instrum.	2.45	1.62	1.31	1.07	0.92	0.71	0.55	0.47	0.40
	N.Instrum.	3.14	1.91	1.52	1.22	1.01	0.75	0.60	0.50	0.43
MESH2	Instrum.	2.66	1.72	1.37	1.11	0.94	0.70	0.55	0.49	0.41
	N.Instrum.	2.52	1.55	1.19	0.97	0.83	0.62	0.52	0.45	0.38



MESH 1

MESH 1 *Away from the instrumented area*

MESH 2 *In the instrumented area*



MESH 2

Analysis of Variance (Section I)

Distance=0.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	9.783	2.446	0.071
Column 2	4	12.547	3.137	0.144

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.955	1	0.955	8.876	0.025	5.987
Within Groups	0.645	6	0.108			
Total	1.600	7				

Distance=8.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	6.464	1.616	0.029
Column 2	4	7.645	1.911	0.009

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.174	1	0.174	9.343	0.022	5.987
Within Groups	0.112	6	0.019			
Total	0.286	7				

Distance=12.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	5.229	1.307	0.021
Column 2	4	6.070	1.517	0.006

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.088	1	0.088	6.522	0.043	5.987
Within Groups	0.081	6	0.014			
Total	0.170	7				

Distance=18.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	4.284	1.071	0.022
Column 2	4	4.886	1.222	0.009

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.045	1	0.045	2.862	0.142	5.987
Within Groups	0.095	6	0.016			
Total	0.140	7				

Distance=24.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	3.666	0.917	0.015
Column 2	4	4.035	1.009	0.021

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.017	1	0.017	0.948	0.368	5.987
Within Groups	0.108	6	0.018			
Total	0.125	7				

Distance=36.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	2.827	0.707	0.011
Column 2	4	2.988	0.747	0.033

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.003	1	0.003	0.147	0.715	5.987
Within Groups	0.133	6	0.022			
Total	0.137	7				

Distance=48.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	2.219	0.555	0.008
Column 2	4	2.389	0.597	0.028

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.004	1	0.004	0.199	0.671	5.987
Within Groups	0.108	6	0.018			
Total	0.112	7				

Distance=60.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	1.881	0.470	0.006
Column 2	4	1.996	0.499	0.022

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.002	1	0.002	0.115	0.746	5.987
Within Groups	0.086	6	0.014			
Total	0.088	7				

Distance=72.0

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	1.582	0.396	0.005
Column 2	4	1.711	0.428	0.021

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	0.002	1	0.002	0.162	0.701	5.987
Within Groups	0.077	6	0.013			
Total	0.079	7				

Analysis of Variance (Section I)**Distance=0.0**

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	7.967	2.656	0.123
Column 2	3	7.550	2.517	0.042

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.029	1	0.029	0.351	0.585	7.709
Within Groups	0.330	4	0.082			
Total	0.359	5				

Distance=8.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	5.166	1.722	0.107
Column 2	3	4.639	1.546	0.018

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.046	1	0.046	0.739	0.439	7.709
Within Groups	0.250	4	0.063			
Total	0.297	5				

Distance=12.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	4.110	1.370	0.087
Column 2	3	3.585	1.195	0.014

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.046	1	0.046	0.911	0.394	7.709
Within Groups	0.202	4	0.050			
Total	0.248	5				

August 21st 2000

Distance=18.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	3.344	1.115	0.065
Column 2	3	2.920	0.973	0.017

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.030	1	0.030	0.738	0.439	7.709
Within Groups	0.162	4	0.041			
Total	0.192	5				

Distance=24.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	2.811	0.937	0.047
Column 2	3	2.481	0.827	0.012

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.018	1	0.018	0.615	0.477	7.709
Within Groups	0.118	4	0.030			
Total	0.136	5				

Distance=36.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	2.103	0.701	0.017
Column 2	3	1.865	0.622	0.008

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.009	1	0.009	0.772	0.429	7.709
Within Groups	0.049	4	0.012			
Total	0.058	5				

Distance=48.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	1.648	0.549	0.007
Column 2	3	1.553	0.518	0.010

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.001	1	0.001	0.175	0.697	7.709
Within Groups	0.034	4	0.009			
Total	0.036	5				

Distance=60.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	1.473	0.491	0.003
Column 2	3	1.358	0.453	0.007

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.002	1	0.002	0.447	0.540	7.709
Within Groups	0.020	4	0.005			
Total	0.022	5				

Distance=72.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	1.231	0.410	0.002
Column 2	3	1.152	0.384	0.007

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.001	1	0.001	0.234	0.654	7.709
Within Groups	0.018	4	0.004			
Total	0.019	5				

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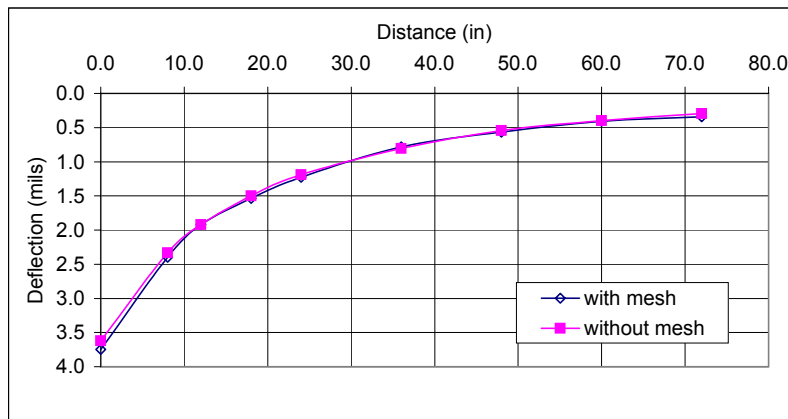
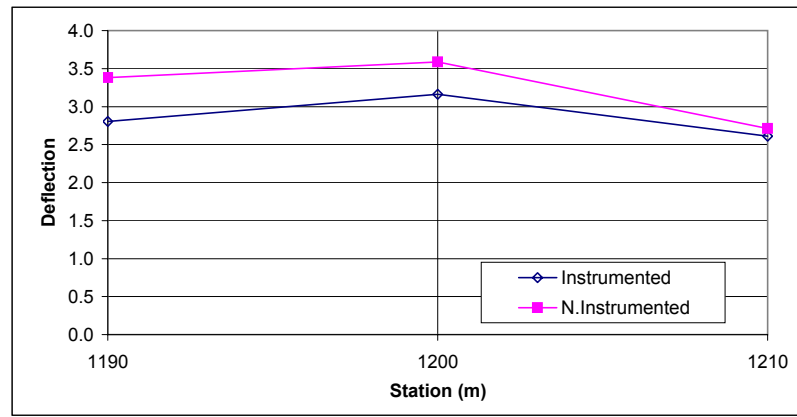
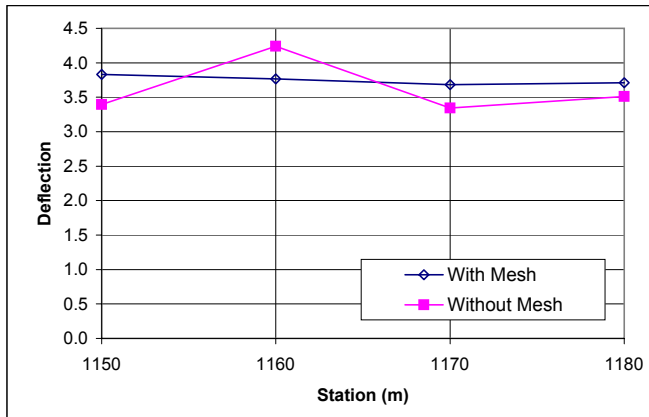
Section L

Station	Distance = 0.0		Distance = 8.0		Distance = 12.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
1150	3.83	3.40	2.56	2.20	2.01	1.90
1160	3.77	4.24	2.34	2.95	1.91	2.40
1170	3.68	3.34	2.34	2.01	1.88	1.61
1180	3.71	3.51	2.35	2.17	1.89	1.76
1190	2.80	3.38	1.70	2.09	1.30	1.71
1200	3.16	3.59	2.12	2.42	1.77	2.04
1210	2.61	2.71	1.71	1.68	1.37	1.38

Station	Distance = 18.0		Distance = 24.0		Distance = 36.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
1150	1.46	1.52	1.09	1.29	0.70	0.88
1160	1.62	1.79	1.49	1.39	0.90	0.91
1170	1.61	1.33	1.22	0.99	0.78	0.71
1180	1.46	1.37	1.10	1.09	0.75	0.72
1190	0.91	1.29	0.68	0.97	0.38	0.57
1200	1.44	1.70	1.17	1.43	0.81	0.97
1210	1.06	1.13	0.85	0.93	0.56	0.59

Station	Distance = 48.0		Distance = 60.0		Distance = 72.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
1150	0.46	0.51	0.32	0.38	0.25	0.28
1160	0.78	0.68	0.51	0.48	0.51	0.37
1170	0.53	0.48	0.38	0.35	0.29	0.24
1180	0.50	0.49	0.40	0.36	0.33	0.29
1190	0.24	0.34	0.16	0.23	0.11	0.17
1200	0.55	0.73	0.47	0.54	0.33	0.44
1210	0.37	0.42	0.26	0.30	0.19	0.22

	0.00	8.00	12.00	18.00	24.00	36.00	48.00	60.00	72.00
Instrum.	3.75	2.40	1.92	1.54	1.23	0.78	0.57	0.41	0.34
N. Instrum.	3.62	2.33	1.92	1.50	1.19	0.80	0.54	0.40	0.29



Analysis of Variance (Section L)

Distance=0.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	14.993	3.748	0.004
Column 2	4	14.489	3.622	0.174

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.032	1	0.032	0.358	0.572	5.987
Within Groups	0.534	6	0.089			
Total	0.565	7				

Distance=8.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	9.586	2.397	0.012
Column 2	4	9.321	2.330	0.178

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.009	1	0.009	0.093	0.771	5.987
Within Groups	0.569	6	0.095			
Total	0.578	7				

Distance=12.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	7.688	1.922	0.004
Column 2	4	7.677	1.919	0.116

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.000	1	0.000	0.000	0.988	5.987
Within Groups	0.359	6	0.060			
Total	0.360	7				

Distance=18.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	6.144	1.536	0.008
Column 2	4	6.004	1.501	0.044

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.002	1	0.002	0.095	0.769	5.987
Within Groups	0.155	6	0.026			
Total	0.157	7				

Distance=24.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	4.905	1.226	0.035
Column 2	4	4.764	1.191	0.032

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.002	1	0.002	0.074	0.795	5.987
Within Groups	0.202	6	0.034			
Total	0.204	7				

Distance=36.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	3.136	0.784	0.007
Column 2	4	3.219	0.805	0.011

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.001	1	0.001	0.092	0.772	5.987
Within Groups	0.056	6	0.009			
Total	0.057	7				

Distance=48.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	2.270	0.568	0.020
Column 2	4	2.165	0.541	0.009

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.001	1	0.001	0.097	0.766	5.987
Within Groups	0.085	6	0.014			
Total	0.087	7				

Distance=60.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	1.622	0.405	0.006
Column 2	4	1.585	0.396	0.003

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.000	1	0.000	0.037	0.854	5.987
Within Groups	0.028	6	0.005			
Total	0.028	7				

Distance=72.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	1.376	0.344	0.013
Column 2	4	1.171	0.293	0.003

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.005	1	0.005	0.627	0.459	5.987
Within Groups	0.050	6	0.008			
Total	0.055	7				

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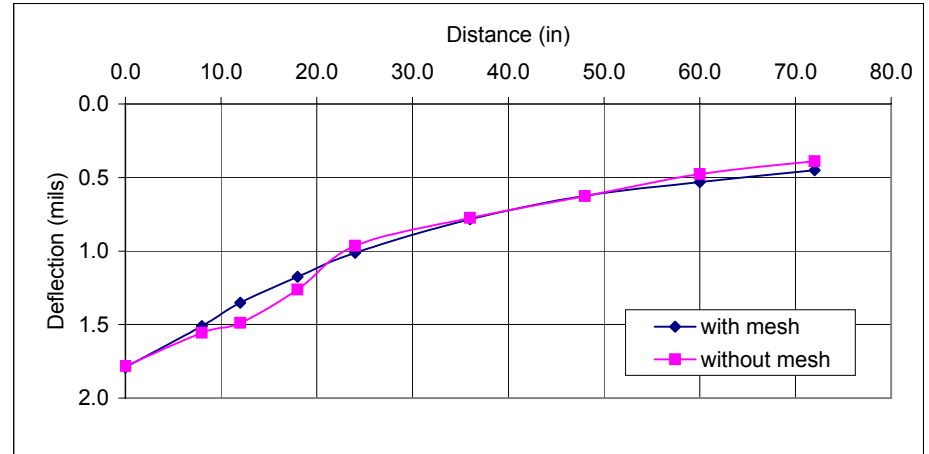
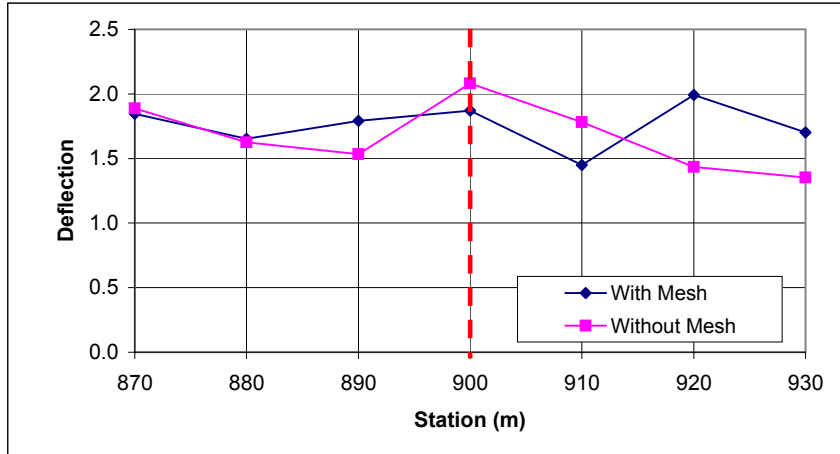
Section I

Station	Distance = 0.0		Distance = 8.0		Distance = 12.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
870	1.84	1.89	1.56	1.61	1.40	1.57
880	1.65	1.63	1.38	1.33	1.23	1.28
890	1.79	1.53	1.53	1.33	1.40	1.30
900	1.87	2.08	1.58	1.95	1.37	1.80
910	1.45	1.78	1.16	1.46	1.01	1.35
920	1.99	1.43	1.75	1.20	1.56	1.11
930	1.70	1.35	1.40	1.07	1.37	0.92

Station	Distance = 18.0		Distance = 24.0		Distance = 36.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
870	1.19	1.33	1.02	1.06	0.76	0.77
880	1.08	1.07	0.88	0.81	0.69	0.67
890	1.25	1.10	1.08	0.81	0.83	0.67
900	1.18	1.54	1.06	1.18	0.85	0.99
910	0.90	1.16	0.78	1.00	0.60	0.83
920	1.35	0.98	0.96	0.78	0.79	0.63
930	1.16	0.79	0.97	0.71	0.74	0.53

Station	Distance = 48.0		Distance = 60.0		Distance = 72.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
870	0.60	0.55	0.50	0.45	0.43	0.36
880	0.55	0.53	0.46	0.40	0.37	0.30
890	0.68	0.63	0.58	0.45	0.50	0.39
900	0.66	0.80	0.58	0.60	0.50	0.50
910	0.48	0.67	0.41	0.62	0.35	0.49
920	0.72	0.51	0.47	0.43	0.42	0.37
930	0.69	0.41	0.51	0.40	0.45	0.32

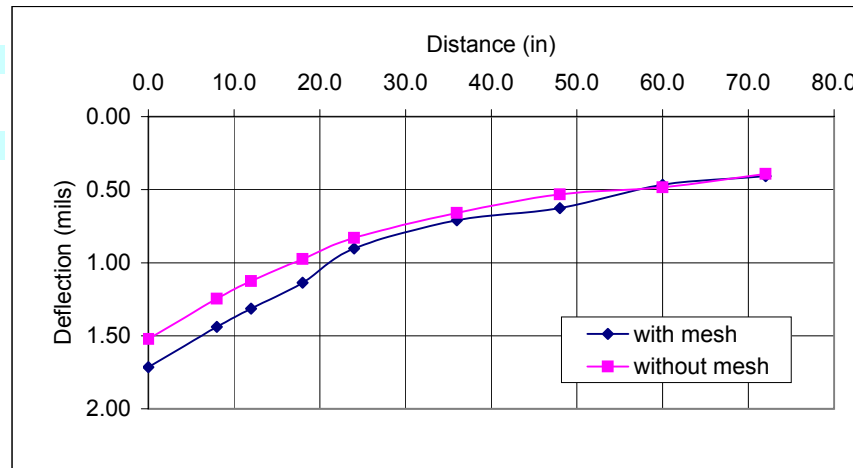
		0.00	8.00	12.00	18.00	24.00	36.00	48.00	60.00	72.00
MESH1	Instrum.	1.79	1.51	1.35	1.18	1.01	0.78	0.62	0.53	0.45
	N.Instrum.	1.78	1.56	1.49	1.26	0.96	0.77	0.63	0.48	0.39
MESH2	Instrum.	1.71	1.44	1.31	1.14	0.90	0.71	0.63	0.47	0.41
	N.Instrum.	1.52	1.25	1.13	0.97	0.83	0.66	0.53	0.48	0.39



MESH 1

MESH 1 Away from the instrumented area

MESH 2 In the instrumented area



MESH 2

Analysis of Variance (Section I)

Distance=0.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	7.162	1.790	0.009
Column 2	4	7.128	1.782	0.063

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.000	1	0.000	0.004	0.951	5.987
Within Groups	0.216	6	0.036			
Total	0.216	7				

Distance=8.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	6.043	1.511	0.008
Column 2	4	6.224	1.556	0.086

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.004	1	0.004	0.086	0.779	5.987
Within Groups	0.283	6	0.047			
Total	0.287	7				

Distance=12.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	5.403	1.351	0.006
Column 2	4	5.956	1.489	0.061

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.038	1	0.038	1.146	0.326	5.987
Within Groups	0.201	6	0.033			
Total	0.239	7				

Distance=18.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	4.705	1.176	0.005
Column 2	4	5.051	1.263	0.049

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.015	1	0.015	0.563	0.482	5.987
Within Groups	0.160	6	0.027			
Total	0.175	7				

Distance=24.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	4.045	1.011	0.008
Column 2	4	3.859	0.965	0.034

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.004	1	0.004	0.203	0.668	5.987
Within Groups	0.127	6	0.021			
Total	0.131	7				

Distance=36.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	3.136	0.784	0.005
Column 2	4	3.098	0.775	0.023

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.000	1	0.000	0.013	0.913	5.987
Within Groups	0.085	6	0.014			
Total	0.085	7				

Distance=48.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	2.496	0.624	0.003
Column 2	4	2.508	0.627	0.015

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.000	1	0.000	0.002	0.964	5.987
Within Groups	0.054	6	0.009			
Total	0.054	7				

Distance=60.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	2.123	0.531	0.004
Column 2	4	1.907	0.477	0.008

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.006	1	0.006	0.987	0.359	5.987
Within Groups	0.035	6	0.006			
Total	0.041	7				

Distance=72.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	1.798	0.449	0.004
Column 2	4	1.554	0.389	0.007

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.007	1	0.007	1.430	0.277	5.987
Within Groups	0.031	6	0.005			
Total	0.038	7				

Analysis of Variance (Section I)

Distance=0.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	5.144	1.715	0.074
Column 2	3	4.568	1.523	0.052

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.055	1	0.055	0.883	0.401	7.709
Within Groups	0.251	4	0.063			
Total	0.306	5				

Distance=8.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	4.317	1.439	0.087
Column 2	3	3.741	1.247	0.039

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.055	1	0.055	0.874	0.403	7.709
Within Groups	0.253	4	0.063			
Total	0.308	5				

Distance=12.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	3.942	1.314	0.077
Column 2	3	3.376	1.125	0.046

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.053	1	0.053	0.867	0.404	7.709
Within Groups	0.246	4	0.062			
Total	0.299	5				

Distance=18.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	3.411	1.137	0.053
Column 2	3	2.924	0.975	0.034

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.040	1	0.040	0.913	0.393	7.709
Within Groups	0.174	4	0.043			
Total	0.213	5				

Distance=24.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	2.707	0.902	0.011
Column 2	3	2.491	0.830	0.023

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.008	1	0.008	0.457	0.536	7.709
Within Groups	0.068	4	0.017			
Total	0.076	5				

Distance=36.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	2.129	0.710	0.010
Column 2	3	1.981	0.660	0.023

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.004	1	0.004	0.219	0.664	7.709
Within Groups	0.066	4	0.017			
Total	0.070	5				

Distance=48.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	1.879	0.626	0.017
Column 2	3	1.597	0.532	0.017

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.013	1	0.013	0.774	0.429	7.709
Within Groups	0.069	4	0.017			
Total	0.082	5				

Distance=60.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	1.397	0.466	0.003
Column 2	3	1.452	0.484	0.013

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.001	1	0.001	0.064	0.812	7.709
Within Groups	0.032	4	0.008			
Total	0.032	5				

Distance=72.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	3	1.223	0.408	0.003
Column 2	3	1.173	0.391	0.008

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.000	1	0.000	0.078	0.794	7.709
Within Groups	0.021	4	0.005			
Total	0.022	5				

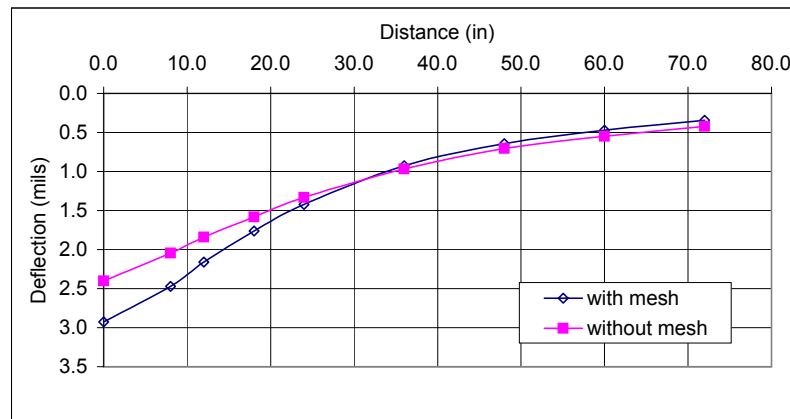
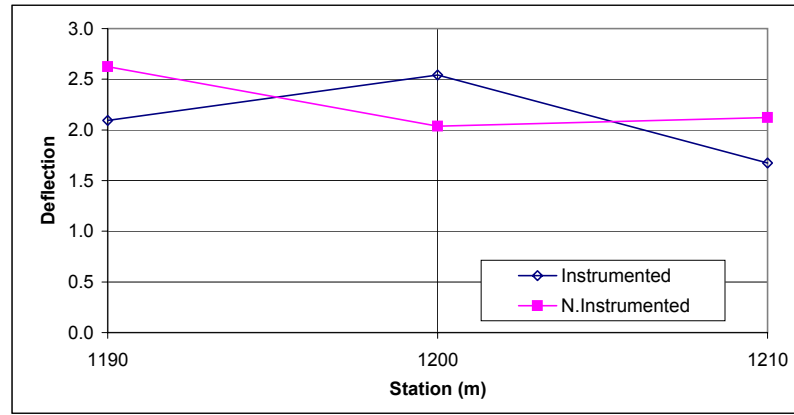
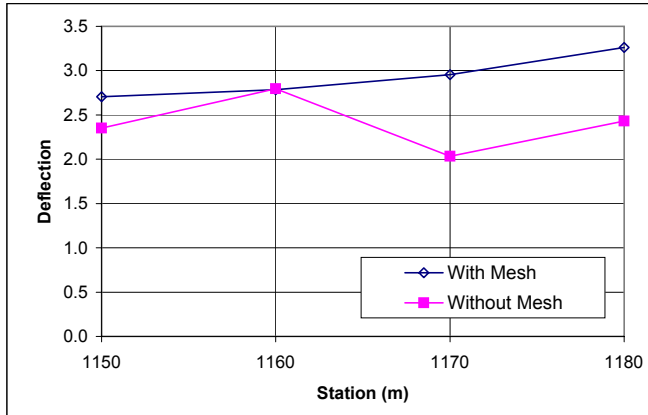
Section L

Station	Distance = 0.0		Distance = 8.0		Distance = 12.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
1150	2.70	2.35	2.25	2.00	1.98	1.81
1160	2.79	2.80	2.54	2.41	2.21	2.15
1170	2.96	2.03	2.36	1.69	2.08	1.53
1180	3.26	2.43	2.73	2.07	2.37	1.86
1190	2.09	2.62	1.69	2.15	1.43	1.84
1200	2.54	2.04	2.16	1.73	1.94	1.60
1210	1.67	2.12	1.35	1.56	1.20	1.41

Station	Distance = 18.0		Distance = 24.0		Distance = 36.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
1150	1.62	1.55	1.26	1.31	0.80	0.93
1160	1.77	1.84	1.47	1.56	0.97	1.11
1170	1.73	1.35	1.43	1.15	0.97	0.89
1180	1.93	1.59	1.53	1.30	0.97	0.93
1190	1.12	1.48	0.87	1.23	0.56	0.81
1200	1.59	1.38	1.23	1.19	0.85	0.88
1210	1.02	1.20	0.85	0.99	0.61	0.70

Station	Distance = 48.0		Distance = 60.0		Distance = 72.0	
	Instrumented	N.Instrumented	Instrumented	N.Instrumented	Instrumented	N.Instrumented
1150	0.50	0.67	0.37	0.54	0.24	0.39
1160	0.78	0.81	0.53	0.62	0.40	0.48
1170	0.65	0.67	0.51	0.52	0.38	0.40
1180	0.64	0.68	0.47	0.53	0.36	0.42
1190	0.36	0.47	0.25	0.40	0.19	0.29
1200	0.58	0.65	0.46	0.49	0.37	0.38
1210	0.46	0.51	0.36	0.37	0.27	0.29

	0.00	8.00	12.00	18.00	24.00	36.00	48.00	60.00	72.00
Instrum.	2.93	2.47	2.16	1.76	1.42	0.93	0.64	0.47	0.34
N. Instrum.	2.40	2.04	1.84	1.58	1.33	0.97	0.71	0.55	0.42



Analysis of Variance (Section L)

Distance=0.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	11.710	2.927	0.061
Column 2	4	9.613	2.403	0.098

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.549	1	0.549	6.910	0.039	5.987
Within Groups	0.477	6	0.080			
Total	1.027	7				

Distance=8.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	9.884	2.471	0.046
Column 2	4	8.173	2.043	0.087

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.366	1	0.366	5.530	0.057	5.987
Within Groups	0.397	6	0.066			
Total	0.764	7				

Distance=12.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	8.641	2.160	0.029
Column 2	4	7.360	1.840	0.064

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.205	1	0.205	4.379	0.081	5.987
Within Groups	0.281	6	0.047			
Total	0.486	7				

Distance=18.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	7.049	1.762	0.017
Column 2	4	6.334	1.584	0.041

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.064	1	0.064	2.222	0.187	5.987
Within Groups	0.172	6	0.029			
Total	0.236	7				

Distance=24.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	5.689	1.422	0.013
Column 2	4	5.328	1.332	0.029

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.016	1	0.016	0.767	0.415	5.987
Within Groups	0.127	6	0.021			
Total	0.143	7				

Distance=36.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	3.708	0.927	0.007
Column 2	4	3.868	0.967	0.009

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.003	1	0.003	0.405	0.548	5.987
Within Groups	0.047	6	0.008			
Total	0.050	7				

Distance=48.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	2.572	0.643	0.013
Column 2	4	2.823	0.706	0.004

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.008	1	0.008	0.903	0.379	5.987
Within Groups	0.052	6	0.009			
Total	0.060	7				

Distance=60.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	1.883	0.471	0.005
Column 2	4	2.204	0.551	0.002

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.013	1	0.013	3.413	0.114	5.987
Within Groups	0.023	6	0.004			
Total	0.036	7				

Distance=72.0

Anova: Single Factor

SUMMARY

Groups	Count	Sum	Average	Variance
Column 1	4	1.378	0.345	0.005
Column 2	4	1.682	0.421	0.002

ANOVA

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	0.012	1	0.012	3.635	0.105	5.987
Within Groups	0.019	6	0.003			
Total	0.031	7				