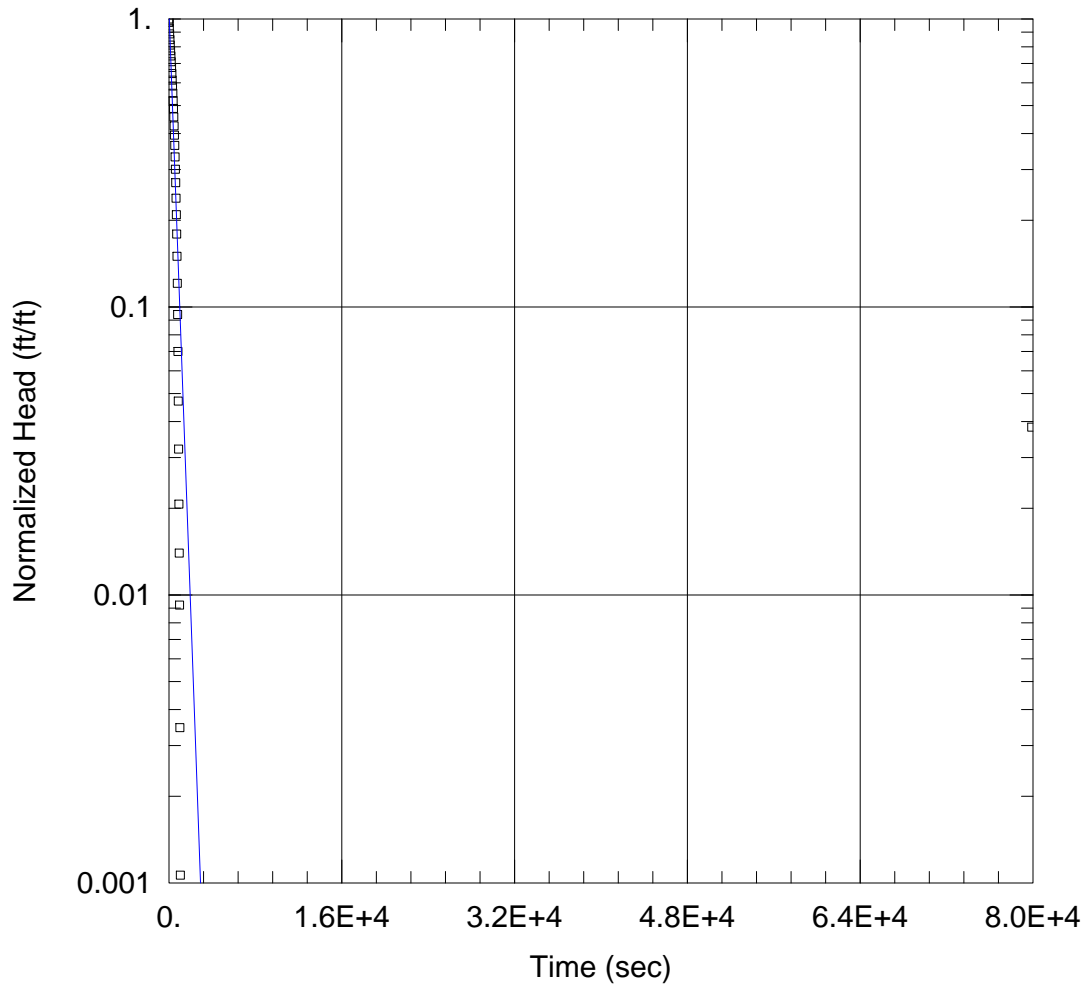


**APPENDIX E**  
HYDRAULIC CONDUCTIVITY DOCUMENTATION



WELL TEST ANALYSIS

Data Set: N:\...\MW1.aqt  
 Date: 08/28/12

Time: 17:11:01

PROJECT INFORMATION

Company: V3  
 Project: 09073  
 Location: Blue Island  
 Test Well: MW-01  
 Test Date: 07-11-12

AQUIFER DATA

Saturated Thickness: 5.55 ft

Anisotropy Ratio ( $K_z/K_r$ ): 1.

WELL DATA (MW-01)

Initial Displacement: 4.43 ft  
 Total Well Penetration Depth: 10. ft  
 Casing Radius: 0.083 ft

Static Water Column Height: 5.55 ft  
 Screen Length: 10. ft  
 Well Radius: 0.083 ft

SOLUTION

Aquifer Model: Unconfined  
 K = 6.894E-5 cm/sec

Solution Method: Bouwer-Rice  
 $y_0$  = 4.795 ft

Data Set: N:\2009\09073\Calculations & Data\Environmental and Geosciences\Pump Tests\MW1\MW1.aqt  
 Date: 08/28/12  
 Time: 17:05:45

PROJECT INFORMATION

Company: V3  
 Project: 09073  
 Location: Blue Island  
 Test Date: 07-11-12  
 Test Well: MW-01

AQUIFER DATA

Saturated Thickness: 5.55 ft  
 Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Test Well: MW-01

X Location: 0. ft  
 Y Location: 0. ft

Initial Displacement: 4.43 ft  
 Static Water Column Height: 5.55 ft  
 Casing Radius: 0.083 ft  
 Well Radius: 0.083 ft  
 Well Skin Radius: 0.083 ft  
 Screen Length: 10. ft  
 Total Well Penetration Depth: 10. ft

No. of Observations: 2666

Observation Data			
<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
1.	4.315	3.996E+4	-0.09311
2.	4.313	3.999E+4	-0.09163
32.	4.112	4.002E+4	-0.09447
62.	3.931	4.005E+4	-0.09337
92.	3.753	4.008E+4	-0.09053
122.	3.594	4.011E+4	-0.09078
152.	3.439	4.014E+4	-0.09583
182.	3.295	4.017E+4	-0.09409
212.	3.148	4.02E+4	-0.09322
242.	3.005	4.023E+4	-0.09212
272.	2.861	4.026E+4	-0.09361
302.	2.715	4.029E+4	-0.09176
332.	2.59	4.032E+4	-0.09385
362.	2.445	4.035E+4	-0.09361
392.	2.306	4.038E+4	-0.09473
422.	2.164	4.041E+4	-0.09065
452.	2.023	4.044E+4	-0.09385
482.	1.885	4.047E+4	-0.09138
512.	1.748	4.05E+4	-0.09348
542.	1.611	4.053E+4	-0.08992
572.	1.469	4.056E+4	-0.09373
602.	1.331	4.059E+4	-0.09114
632.	1.196	4.062E+4	-0.09398
662.	1.056	4.065E+4	-0.09027
692.	0.9265	4.068E+4	-0.09263
722.	0.7938	4.071E+4	-0.08817
752.	0.6637	4.074E+4	-0.09053
782.	0.5347	4.077E+4	-0.09495
812.	0.4168	4.08E+4	-0.09126
842.	0.3101	4.083E+4	-0.09473
872.	0.2088	4.086E+4	-0.09015

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
902.	0.1422	4.089E+4	-0.09322
932.	0.09155	4.092E+4	-0.09114
962.	0.06187	4.095E+4	-0.09237
992.	0.04083	4.098E+4	-0.09027
1022.	0.01534	4.101E+4	-0.09126
1052.	0.004716	4.104E+4	-0.09373
1082.	-0.009024	4.107E+4	-0.09361
1112.	-0.01681	4.11E+4	-0.09027
1142.	-0.02857	4.113E+4	-0.08657
1172.	-0.03216	4.116E+4	-0.09065
1202.	-0.04439	4.119E+4	-0.09311
1232.	-0.04932	4.122E+4	-0.09114
1262.	-0.05366	4.125E+4	-0.09176
1292.	-0.05736	4.128E+4	-0.09311
1322.	-0.05897	4.131E+4	-0.09434
1352.	-0.06788	4.134E+4	-0.09398
1382.	-0.06638	4.137E+4	-0.09348
1412.	-0.06527	4.14E+4	-0.09102
1442.	-0.07096	4.143E+4	-0.09263
1472.	-0.07319	4.146E+4	-0.09348
1502.	-0.07491	4.149E+4	-0.09322
1532.	-0.07329	4.152E+4	-0.09459
1562.	-0.07702	4.155E+4	-0.09015
1592.	-0.07417	4.158E+4	-0.09225
1622.	-0.07786	4.161E+4	-0.09286
1652.	-0.08208	4.164E+4	-0.09373
1682.	-0.08021	4.167E+4	-0.09373
1712.	-0.08269	4.17E+4	-0.09276
1742.	-0.08331	4.173E+4	-0.09276
1772.	-0.08394	4.176E+4	-0.09322
1802.	-0.08466	4.179E+4	-0.09298
1832.	-0.08368	4.182E+4	-0.08843
1862.	-0.08156	4.185E+4	-0.09176
1892.	-0.0791	4.188E+4	-0.08954
1922.	-0.08331	4.191E+4	-0.09064
1952.	-0.08083	4.194E+4	-0.08978
1982.	-0.08194	4.197E+4	-0.09434
2012.	-0.08825	4.2E+4	-0.09373
2042.	-0.08428	4.203E+4	-0.08893
2072.	-0.08514	4.206E+4	-0.09015
2102.	-0.08514	4.209E+4	-0.09311
2132.	-0.08465	4.212E+4	-0.09151
2162.	-0.08526	4.215E+4	-0.08941
2192.	-0.08131	4.218E+4	-0.09138
2222.	-0.0854	4.221E+4	-0.09373
2252.	-0.08526	4.224E+4	-0.09126
2282.	-0.08663	4.227E+4	-0.08868
2312.	-0.08439	4.23E+4	-0.09212
2342.	-0.08525	4.233E+4	-0.09521
2372.	-0.08613	4.236E+4	-0.08916
2402.	-0.08402	4.239E+4	-0.08854
2432.	-0.08562	4.242E+4	-0.09163
2462.	-0.08575	4.245E+4	-0.09176
2492.	-0.08771	4.248E+4	-0.09102
2522.	-0.08439	4.251E+4	-0.09263
2552.	-0.08662	4.254E+4	-0.09002
2582.	-0.08662	4.257E+4	-0.09409
2612.	-0.08376	4.26E+4	-0.09311
2642.	-0.0829	4.263E+4	-0.09237
2672.	-0.08265	4.266E+4	-0.09212
2702.	-0.08475	4.269E+4	-0.09151
2732.	-0.08649	4.272E+4	-0.09199
2762.	-0.08821	4.275E+4	-0.09263
2792.	-0.08315	4.278E+4	-0.09102
2822.	-0.08661	4.281E+4	-0.08707
2852.	-0.08462	4.284E+4	-0.09189

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
2882.	-0.09019	4.287E+4	-0.09102
2912.	-0.08549	4.29E+4	-0.09212
2942.	-0.08909	4.293E+4	-0.09322
2972.	-0.08636	4.296E+4	-0.09286
3002.	-0.08697	4.299E+4	-0.09126
3032.	-0.08462	4.302E+4	-0.09276
3062.	-0.08684	4.305E+4	-0.09189
3092.	-0.0861	4.308E+4	-0.09447
3122.	-0.08648	4.311E+4	-0.08831
3152.	-0.08684	4.314E+4	-0.0909
3182.	-0.08623	4.317E+4	-0.09348
3212.	-0.08365	4.32E+4	-0.09385
3242.	-0.08537	4.323E+4	-0.09263
3272.	-0.08288	4.326E+4	-0.09176
3302.	-0.08412	4.329E+4	-0.09263
3332.	-0.08449	4.332E+4	-0.09373
3362.	-0.08658	4.335E+4	-0.09189
3392.	-0.08401	4.338E+4	-0.09151
3422.	-0.08488	4.341E+4	-0.09398
3452.	-0.08562	4.344E+4	-0.09237
3482.	-0.08748	4.347E+4	-0.09163
3512.	-0.08352	4.35E+4	-0.09373
3542.	-0.08845	4.353E+4	-0.09027
3572.	-0.08277	4.356E+4	-0.09225
3602.	-0.0861	4.359E+4	-0.09322
3632.	-0.08499	4.362E+4	-0.09276
3662.	-0.08449	4.365E+4	-0.08879
3692.	-0.08365	4.368E+4	-0.09495
3722.	-0.08634	4.371E+4	-0.0925
3752.	-0.08426	4.374E+4	-0.09102
3782.	-0.08919	4.377E+4	-0.09361
3812.	-0.08769	4.38E+4	-0.09114
3842.	-0.08769	4.383E+4	-0.09102
3872.	-0.08251	4.386E+4	-0.09447
3902.	-0.08747	4.389E+4	-0.09311
3932.	-0.08842	4.392E+4	-0.09484
3962.	-0.08793	4.395E+4	-0.08843
3992.	-0.08351	4.398E+4	-0.09409
4022.	-0.08623	4.401E+4	-0.09189
4052.	-0.08375	4.404E+4	-0.09199
4082.	-0.0871	4.407E+4	-0.09138
4112.	-0.08177	4.41E+4	-0.09263
4142.	-0.08757	4.413E+4	-0.09348
4172.	-0.08597	4.416E+4	-0.09114
4202.	-0.08449	4.419E+4	-0.08916
4232.	-0.08412	4.422E+4	-0.09163
4262.	-0.08536	4.425E+4	-0.09151
4292.	-0.08732	4.428E+4	-0.09298
4322.	-0.08498	4.431E+4	-0.09311
4352.	-0.08166	4.434E+4	-0.09199
4382.	-0.08782	4.437E+4	-0.09078
4412.	-0.08326	4.44E+4	-0.09114
4442.	-0.08314	4.443E+4	-0.09311
4472.	-0.08954	4.446E+4	-0.09276
4502.	-0.08462	4.449E+4	-0.09126
4532.	-0.0856	4.452E+4	-0.09337
4562.	-0.08623	4.455E+4	-0.08967
4592.	-0.08794	4.458E+4	-0.09002
4622.	-0.08607	4.461E+4	-0.0925
4652.	-0.08523	4.464E+4	-0.09298
4682.	-0.08794	4.467E+4	-0.09053
4712.	-0.08509	4.47E+4	-0.09322
4742.	-0.08808	4.473E+4	-0.09065
4772.	-0.08732	4.476E+4	-0.09322
4802.	-0.08684	4.479E+4	-0.09078
4832.	-0.08671	4.482E+4	-0.09423

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
4862.	-0.07981	4.485E+4	-0.09225
4892.	-0.08671	4.488E+4	-0.09138
4922.	-0.08857	4.491E+4	-0.09126
4952.	-0.08659	4.494E+4	-0.0925
4982.	-0.08449	4.497E+4	-0.09212
5012.	-0.08276	4.5E+4	-0.09398
5042.	-0.08485	4.503E+4	-0.09212
5072.	-0.08374	4.506E+4	-0.08792
5102.	-0.08744	4.509E+4	-0.08879
5132.	-0.0851	4.512E+4	-0.08954
5162.	-0.08104	4.515E+4	-0.09237
5192.	-0.08301	4.518E+4	-0.09263
5222.	-0.08647	4.521E+4	-0.09002
5252.	-0.08842	4.524E+4	-0.09163
5282.	-0.08351	4.527E+4	-0.08903
5312.	-0.08584	4.53E+4	-0.09286
5342.	-0.08572	4.533E+4	-0.09373
5372.	-0.08498	4.536E+4	-0.09337
5402.	-0.08609	4.539E+4	-0.09078
5432.	-0.08324	4.542E+4	-0.09322
5462.	-0.0862	4.545E+4	-0.09151
5492.	-0.08486	4.548E+4	-0.09473
5522.	-0.08435	4.551E+4	-0.09126
5552.	-0.08435	4.554E+4	-0.08817
5582.	-0.08016	4.557E+4	-0.08953
5612.	-0.0851	4.56E+4	-0.08843
5642.	-0.08609	4.563E+4	-0.09322
5672.	-0.08374	4.566E+4	-0.08893
5702.	-0.08324	4.569E+4	-0.09163
5732.	-0.08658	4.572E+4	-0.09447
5762.	-0.08288	4.575E+4	-0.09015
5792.	-0.08498	4.578E+4	-0.09065
5822.	-0.08362	4.581E+4	-0.09286
5852.	-0.08534	4.584E+4	-0.09237
5882.	-0.08166	4.587E+4	-0.09126
5912.	-0.08708	4.59E+4	-0.09114
5942.	-0.08362	4.593E+4	-0.09163
5972.	-0.08362	4.596E+4	-0.09065
6002.	-0.08473	4.599E+4	-0.08978
6032.	-0.08807	4.602E+4	-0.09078
6062.	-0.08572	4.605E+4	-0.09212
6092.	-0.08498	4.608E+4	-0.09311
6122.	-0.08523	4.611E+4	-0.09409
6152.	-0.08559	4.614E+4	-0.08792
6182.	-0.08301	4.617E+4	-0.08644
6212.	-0.0846	4.62E+4	-0.09199
6242.	-0.0851	4.623E+4	-0.09212
6272.	-0.08559	4.626E+4	-0.09434
6302.	-0.0851	4.629E+4	-0.0856
6332.	-0.08473	4.632E+4	-0.09385
6362.	-0.08597	4.635E+4	-0.09299
6392.	-0.08388	4.638E+4	-0.09151
6422.	-0.08584	4.641E+4	-0.09151
6452.	-0.08671	4.644E+4	-0.09361
6482.	-0.08286	4.647E+4	-0.09027
6512.	-0.08398	4.65E+4	-0.09583
6542.	-0.08252	4.653E+4	-0.08831
6572.	-0.08436	4.656E+4	-0.09138
6602.	-0.08373	4.659E+4	-0.09027
6632.	-0.08164	4.662E+4	-0.08768
6662.	-0.08521	4.665E+4	-0.09385
6692.	-0.08362	4.668E+4	-0.09199
6722.	-0.08781	4.671E+4	-0.09038
6752.	-0.08684	4.674E+4	-0.08916
6782.	-0.08694	4.677E+4	-0.08893
6812.	-0.08559	4.68E+4	-0.08893

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
6842.	-0.08607	4.683E+4	-0.09102
6872.	-0.08707	4.686E+4	-0.0872
6902.	-0.0835	4.689E+4	-0.08694
6932.	-0.08671	4.692E+4	-0.0909
6962.	-0.08251	4.695E+4	-0.09027
6992.	-0.08079	4.698E+4	-0.09189
7022.	-0.08536	4.701E+4	-0.08671
7052.	-0.08793	4.704E+4	-0.09151
7082.	-0.08286	4.707E+4	-0.09322
7112.	-0.0846	4.71E+4	-0.08805
7142.	-0.08572	4.713E+4	-0.09102
7172.	-0.08607	4.716E+4	-0.08954
7202.	-0.08398	4.719E+4	-0.08967
7232.	-0.08559	4.722E+4	-0.09102
7262.	-0.0846	4.725E+4	-0.09298
7292.	-0.08707	4.728E+4	-0.08942
7322.	-0.08238	4.731E+4	-0.09002
7352.	-0.08953	4.734E+4	-0.0909
7382.	-0.08448	4.737E+4	-0.08928
7412.	-0.08424	4.74E+4	-0.09286
7442.	-0.08757	4.743E+4	-0.0899
7472.	-0.08671	4.746E+4	-0.09002
7502.	-0.08486	4.749E+4	-0.09102
7532.	-0.08572	4.752E+4	-0.09151
7562.	-0.0835	4.755E+4	-0.09102
7592.	-0.083	4.758E+4	-0.08646
7622.	-0.08906	4.761E+4	-0.08893
7652.	-0.08646	4.764E+4	-0.09311
7682.	-0.08424	4.767E+4	-0.08831
7712.	-0.08719	4.77E+4	-0.0899
7742.	-0.08707	4.773E+4	-0.09015
7772.	-0.08757	4.776E+4	-0.09322
7802.	-0.0851	4.779E+4	-0.09126
7832.	-0.08855	4.782E+4	-0.09199
7862.	-0.08547	4.785E+4	-0.08792
7892.	-0.08387	4.788E+4	-0.09212
7922.	-0.08806	4.791E+4	-0.08978
7952.	-0.08312	4.794E+4	-0.09038
7982.	-0.08782	4.797E+4	-0.08671
8012.	-0.08707	4.8E+4	-0.0878
8042.	-0.0888	4.803E+4	-0.08916
8072.	-0.08855	4.806E+4	-0.09102
8102.	-0.08719	4.809E+4	-0.09138
8132.	-0.08572	4.812E+4	-0.08954
8162.	-0.08362	4.815E+4	-0.0909
8192.	-0.08806	4.818E+4	-0.09038
8222.	-0.08621	4.821E+4	-0.09151
8252.	-0.08941	4.824E+4	-0.0899
8282.	-0.0861	4.827E+4	-0.09189
8312.	-0.08387	4.83E+4	-0.09065
8342.	-0.08362	4.833E+4	-0.08916
8372.	-0.08622	4.836E+4	-0.0872
8402.	-0.08472	4.839E+4	-0.08582
8432.	-0.08535	4.842E+4	-0.09015
8462.	-0.08226	4.845E+4	-0.09276
8492.	-0.08707	4.848E+4	-0.09163
8522.	-0.08769	4.851E+4	-0.09126
8552.	-0.08585	4.854E+4	-0.09027
8582.	-0.08422	4.857E+4	-0.08683
8612.	-0.08632	4.86E+4	-0.09027
8642.	-0.08818	4.863E+4	-0.09102
8672.	-0.08622	4.866E+4	-0.09151
8702.	-0.08326	4.869E+4	-0.09114
8732.	-0.0867	4.872E+4	-0.09199
8762.	-0.08585	4.875E+4	-0.09114
8792.	-0.08348	4.878E+4	-0.09078

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
8822.	-0.08732	4.881E+4	-0.09263
8852.	-0.08622	4.884E+4	-0.08916
8882.	-0.08522	4.887E+4	-0.09102
8912.	-0.08719	4.89E+4	-0.09038
8942.	-0.08904	4.893E+4	-0.09521
8972.	-0.08546	4.896E+4	-0.0878
9002.	-0.08719	4.899E+4	-0.08831
9032.	-0.08559	4.902E+4	-0.09078
9062.	-0.08287	4.905E+4	-0.08707
9092.	-0.08745	4.908E+4	-0.09151
9122.	-0.08572	4.911E+4	-0.09176
9152.	-0.08597	4.914E+4	-0.08558
9182.	-0.08632	4.917E+4	-0.09212
9212.	-0.08818	4.92E+4	-0.0878
9242.	-0.0883	4.923E+4	-0.08831
9272.	-0.0867	4.926E+4	-0.09263
9302.	-0.0883	4.929E+4	-0.08868
9332.	-0.08646	4.932E+4	-0.09038
9362.	-0.08681	4.935E+4	-0.09199
9392.	-0.08559	4.938E+4	-0.08942
9422.	-0.08535	4.941E+4	-0.09126
9452.	-0.08422	4.944E+4	-0.09163
9482.	-0.08436	4.947E+4	-0.08953
9512.	-0.09077	4.95E+4	-0.08916
9542.	-0.08978	4.953E+4	-0.0841
9572.	-0.08855	4.956E+4	-0.08694
9602.	-0.08632	4.959E+4	-0.08929
9632.	-0.08793	4.962E+4	-0.08879
9662.	-0.08707	4.965E+4	-0.08942
9692.	-0.0867	4.968E+4	-0.08929
9722.	-0.08954	4.971E+4	-0.09076
9752.	-0.08632	4.974E+4	-0.08916
9782.	-0.0894	4.977E+4	-0.09163
9812.	-0.0851	4.98E+4	-0.08683
9842.	-0.08967	4.983E+4	-0.08967
9872.	-0.08867	4.986E+4	-0.08683
9902.	-0.08878	4.989E+4	-0.09322
9932.	-0.09041	4.992E+4	-0.09189
9962.	-0.08658	4.995E+4	-0.08868
9992.	-0.08867	4.998E+4	-0.09027
1.002E+4	-0.0846	5.001E+4	-0.08879
1.005E+4	-0.08878	5.004E+4	-0.08879
1.008E+4	-0.0867	5.007E+4	-0.08904
1.011E+4	-0.08954	5.01E+4	-0.08755
1.014E+4	-0.08485	5.013E+4	-0.08707
1.017E+4	-0.08978	5.016E+4	-0.09311
1.02E+4	-0.08891	5.019E+4	-0.08534
1.023E+4	-0.08756	5.022E+4	-0.09064
1.026E+4	-0.08967	5.025E+4	-0.09151
1.029E+4	-0.08893	5.028E+4	-0.08805
1.032E+4	-0.08694	5.031E+4	-0.0872
1.035E+4	-0.08473	5.034E+4	-0.0878
1.038E+4	-0.08978	5.037E+4	-0.08534
1.041E+4	-0.08855	5.04E+4	-0.08954
1.044E+4	-0.08535	5.043E+4	-0.08853
1.047E+4	-0.08485	5.046E+4	-0.08768
1.05E+4	-0.08585	5.049E+4	-0.09003
1.053E+4	-0.08954	5.052E+4	-0.09027
1.056E+4	-0.08609	5.055E+4	-0.08817
1.059E+4	-0.08682	5.058E+4	-0.09212
1.062E+4	-0.08756	5.061E+4	-0.08953
1.065E+4	-0.08694	5.064E+4	-0.09337
1.068E+4	-0.08867	5.067E+4	-0.08978
1.071E+4	-0.08668	5.07E+4	-0.08805
1.074E+4	-0.08449	5.073E+4	-0.0867
1.077E+4	-0.08522	5.076E+4	-0.09102



Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
1.08E+4	-0.08978	5.079E+4	-0.08719
1.083E+4	-0.08571	5.082E+4	-0.08534
1.086E+4	-0.08424	5.085E+4	-0.09348
1.089E+4	-0.08744	5.088E+4	-0.08917
1.092E+4	-0.0835	5.091E+4	-0.08719
1.095E+4	-0.08632	5.094E+4	-0.0899
1.098E+4	-0.08559	5.097E+4	-0.08619
1.101E+4	-0.08744	5.1E+4	-0.08657
1.104E+4	-0.08585	5.103E+4	-0.09151
1.107E+4	-0.08682	5.106E+4	-0.08805
1.11E+4	-0.08867	5.109E+4	-0.08719
1.113E+4	-0.08386	5.112E+4	-0.09038
1.116E+4	-0.08744	5.115E+4	-0.08917
1.119E+4	-0.08597	5.118E+4	-0.08879
1.122E+4	-0.08929	5.121E+4	-0.08782
1.125E+4	-0.08964	5.124E+4	-0.08708
1.128E+4	-0.08843	5.127E+4	-0.09053
1.131E+4	-0.08769	5.13E+4	-0.09038
1.134E+4	-0.08855	5.133E+4	-0.0909
1.137E+4	-0.09028	5.136E+4	-0.08842
1.14E+4	-0.08668	5.139E+4	-0.09039
1.143E+4	-0.08373	5.142E+4	-0.09038
1.146E+4	-0.0867	5.145E+4	-0.08486
1.149E+4	-0.08941	5.148E+4	-0.09138
1.152E+4	-0.09027	5.151E+4	-0.09163
1.155E+4	-0.08719	5.154E+4	-0.08893
1.158E+4	-0.08707	5.157E+4	-0.09115
1.161E+4	-0.08707	5.16E+4	-0.08805
1.164E+4	-0.08731	5.163E+4	-0.09348
1.167E+4	-0.08929	5.166E+4	-0.08694
1.17E+4	-0.08793	5.169E+4	-0.08928
1.173E+4	-0.08794	5.172E+4	-0.08596
1.176E+4	-0.08694	5.175E+4	-0.09138
1.179E+4	-0.08991	5.178E+4	-0.08842
1.182E+4	-0.08386	5.181E+4	-0.09163
1.185E+4	-0.08645	5.184E+4	-0.09102
1.188E+4	-0.08509	5.187E+4	-0.08941
1.191E+4	-0.08571	5.19E+4	-0.09102
1.194E+4	-0.08694	5.193E+4	-0.09189
1.197E+4	-0.08744	5.196E+4	-0.08657
1.2E+4	-0.08929	5.199E+4	-0.08916
1.203E+4	-0.08682	5.202E+4	-0.08634
1.206E+4	-0.08609	5.205E+4	-0.09385
1.209E+4	-0.08373	5.208E+4	-0.09263
1.212E+4	-0.08571	5.211E+4	-0.08782
1.215E+4	-0.08707	5.214E+4	-0.08868
1.218E+4	-0.08398	5.217E+4	-0.09138
1.221E+4	-0.08707	5.22E+4	-0.09176
1.224E+4	-0.08977	5.223E+4	-0.08854
1.227E+4	-0.08645	5.226E+4	-0.08854
1.23E+4	-0.0888	5.229E+4	-0.08546
1.233E+4	-0.08893	5.232E+4	-0.08916
1.236E+4	-0.08645	5.235E+4	-0.08733
1.239E+4	-0.08867	5.238E+4	-0.0899
1.242E+4	-0.08694	5.241E+4	-0.08854
1.245E+4	-0.09163	5.244E+4	-0.08733
1.248E+4	-0.08645	5.247E+4	-0.08992
1.251E+4	-0.08779	5.25E+4	-0.08978
1.254E+4	-0.08977	5.253E+4	-0.08941
1.257E+4	-0.08707	5.256E+4	-0.08879
1.26E+4	-0.08658	5.259E+4	-0.09163
1.263E+4	-0.09064	5.262E+4	-0.09237
1.266E+4	-0.08805	5.265E+4	-0.08967
1.269E+4	-0.08769	5.268E+4	-0.08582
1.272E+4	-0.08533	5.271E+4	-0.08634
1.275E+4	-0.08682	5.274E+4	-0.09038

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
1.278E+4	-0.08275	5.277E+4	-0.09053
1.281E+4	-0.08424	5.28E+4	-0.0909
1.284E+4	-0.08473	5.283E+4	-0.09126
1.287E+4	-0.08694	5.286E+4	-0.0909
1.29E+4	-0.08794	5.289E+4	-0.09199
1.293E+4	-0.08756	5.292E+4	-0.0925
1.296E+4	-0.08584	5.295E+4	-0.09102
1.299E+4	-0.08964	5.298E+4	-0.09053
1.302E+4	-0.08522	5.301E+4	-0.09163
1.305E+4	-0.08609	5.304E+4	-0.08853
1.308E+4	-0.08449	5.307E+4	-0.08744
1.311E+4	-0.08682	5.31E+4	-0.09298
1.314E+4	-0.08905	5.313E+4	-0.09065
1.317E+4	-0.08597	5.316E+4	-0.0909
1.32E+4	-0.08668	5.319E+4	-0.08634
1.323E+4	-0.0883	5.322E+4	-0.09027
1.326E+4	-0.08929	5.325E+4	-0.08879
1.329E+4	-0.08941	5.328E+4	-0.09027
1.332E+4	-0.08843	5.331E+4	-0.0899
1.335E+4	-0.08509	5.334E+4	-0.09053
1.338E+4	-0.08905	5.337E+4	-0.0867
1.341E+4	-0.0888	5.34E+4	-0.09276
1.344E+4	-0.08843	5.343E+4	-0.08646
1.347E+4	-0.08707	5.346E+4	-0.09038
1.35E+4	-0.08854	5.349E+4	-0.09337
1.353E+4	-0.08731	5.352E+4	-0.08916
1.356E+4	-0.08449	5.355E+4	-0.08854
1.359E+4	-0.08707	5.358E+4	-0.08928
1.362E+4	-0.08905	5.361E+4	-0.08916
1.365E+4	-0.08893	5.364E+4	-0.08879
1.368E+4	-0.08964	5.367E+4	-0.09126
1.371E+4	-0.08668	5.37E+4	-0.08843
1.374E+4	-0.08977	5.373E+4	-0.09286
1.377E+4	-0.08879	5.376E+4	-0.08817
1.38E+4	-0.08755	5.379E+4	-0.08843
1.383E+4	-0.08977	5.382E+4	-0.09053
1.386E+4	-0.09102	5.385E+4	-0.08756
1.389E+4	-0.0883	5.388E+4	-0.08843
1.392E+4	-0.0904	5.391E+4	-0.09189
1.395E+4	-0.08929	5.394E+4	-0.08768
1.398E+4	-0.09028	5.397E+4	-0.08954
1.401E+4	-0.0862	5.4E+4	-0.08744
1.404E+4	-0.08854	5.403E+4	-0.08831
1.407E+4	-0.09064	5.406E+4	-0.09126
1.41E+4	-0.08509	5.409E+4	-0.08903
1.413E+4	-0.0883	5.412E+4	-0.08854
1.416E+4	-0.08954	5.415E+4	-0.08707
1.419E+4	-0.08645	5.418E+4	-0.08755
1.422E+4	-0.08977	5.421E+4	-0.08954
1.425E+4	-0.08755	5.424E+4	-0.09176
1.428E+4	-0.08941	5.427E+4	-0.08817
1.431E+4	-0.08991	5.43E+4	-0.09276
1.434E+4	-0.08398	5.433E+4	-0.09176
1.437E+4	-0.08632	5.436E+4	-0.09053
1.44E+4	-0.09199	5.439E+4	-0.08978
1.443E+4	-0.08843	5.442E+4	-0.08928
1.446E+4	-0.09115	5.445E+4	-0.08893
1.449E+4	-0.0878	5.448E+4	-0.08868
1.452E+4	-0.0888	5.451E+4	-0.09102
1.455E+4	-0.08582	5.454E+4	-0.09102
1.458E+4	-0.09003	5.457E+4	-0.08817
1.461E+4	-0.09102	5.46E+4	-0.09237
1.464E+4	-0.09038	5.463E+4	-0.08978
1.467E+4	-0.08929	5.466E+4	-0.09199
1.47E+4	-0.08868	5.469E+4	-0.0925
1.473E+4	-0.09053	5.472E+4	-0.09348

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
1.476E+4	-0.09189	5.475E+4	-0.09311
1.479E+4	-0.08756	5.478E+4	-0.09322
1.482E+4	-0.08831	5.481E+4	-0.09102
1.485E+4	-0.08534	5.484E+4	-0.09027
1.488E+4	-0.08916	5.487E+4	-0.0899
1.491E+4	-0.08805	5.49E+4	-0.0925
1.494E+4	-0.08879	5.493E+4	-0.08831
1.497E+4	-0.08941	5.496E+4	-0.09151
1.5E+4	-0.08756	5.499E+4	-0.08831
1.503E+4	-0.09038	5.502E+4	-0.09237
1.506E+4	-0.09176	5.505E+4	-0.09065
1.509E+4	-0.0867	5.508E+4	-0.0909
1.512E+4	-0.08817	5.511E+4	-0.08854
1.515E+4	-0.09138	5.514E+4	-0.08558
1.518E+4	-0.08867	5.517E+4	-0.09225
1.521E+4	-0.08632	5.52E+4	-0.08928
1.524E+4	-0.08694	5.523E+4	-0.09163
1.527E+4	-0.08694	5.526E+4	-0.09199
1.53E+4	-0.08893	5.529E+4	-0.08954
1.533E+4	-0.09261	5.532E+4	-0.08868
1.536E+4	-0.08903	5.535E+4	-0.0878
1.539E+4	-0.09175	5.538E+4	-0.08942
1.542E+4	-0.09138	5.541E+4	-0.08942
1.545E+4	-0.09349	5.544E+4	-0.08967
1.548E+4	-0.08954	5.547E+4	-0.09126
1.551E+4	-0.08929	5.55E+4	-0.09114
1.554E+4	-0.09237	5.553E+4	-0.09385
1.557E+4	-0.09199	5.556E+4	-0.09311
1.56E+4	-0.09027	5.559E+4	-0.08646
1.563E+4	-0.09126	5.562E+4	-0.08967
1.566E+4	-0.09126	5.565E+4	-0.09015
1.569E+4	-0.08485	5.568E+4	-0.08792
1.572E+4	-0.08916	5.571E+4	-0.09065
1.575E+4	-0.09213	5.574E+4	-0.08965
1.578E+4	-0.0904	5.577E+4	-0.09521
1.581E+4	-0.08893	5.58E+4	-0.09322
1.584E+4	-0.09065	5.583E+4	-0.08843
1.587E+4	-0.09163	5.586E+4	-0.09078
1.59E+4	-0.08831	5.589E+4	-0.09126
1.593E+4	-0.09002	5.592E+4	-0.09151
1.596E+4	-0.09002	5.595E+4	-0.09038
1.599E+4	-0.09015	5.598E+4	-0.09078
1.602E+4	-0.09027	5.601E+4	-0.0925
1.605E+4	-0.09286	5.604E+4	-0.08954
1.608E+4	-0.09126	5.607E+4	-0.09398
1.611E+4	-0.09003	5.61E+4	-0.08694
1.614E+4	-0.0878	5.613E+4	-0.09176
1.617E+4	-0.09076	5.616E+4	-0.08954
1.62E+4	-0.08634	5.619E+4	-0.09263
1.623E+4	-0.08768	5.622E+4	-0.09065
1.626E+4	-0.08817	5.625E+4	-0.09322
1.629E+4	-0.09163	5.628E+4	-0.08954
1.632E+4	-0.09015	5.631E+4	-0.09163
1.635E+4	-0.09175	5.634E+4	-0.08978
1.638E+4	-0.09015	5.637E+4	-0.09002
1.641E+4	-0.09053	5.64E+4	-0.09053
1.644E+4	-0.09027	5.643E+4	-0.08843
1.647E+4	-0.09411	5.646E+4	-0.09583
1.65E+4	-0.09163	5.649E+4	-0.09459
1.653E+4	-0.09385	5.652E+4	-0.08893
1.656E+4	-0.08707	5.655E+4	-0.09237
1.659E+4	-0.0904	5.658E+4	-0.09163
1.662E+4	-0.09078	5.661E+4	-0.09263
1.665E+4	-0.08978	5.664E+4	-0.09027
1.668E+4	-0.08755	5.667E+4	-0.09065
1.671E+4	-0.09349	5.67E+4	-0.09298

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
1.674E+4	-0.09323	5.673E+4	-0.09212
1.677E+4	-0.09225	5.676E+4	-0.09102
1.68E+4	-0.08893	5.679E+4	-0.08967
1.683E+4	-0.0888	5.682E+4	-0.09151
1.686E+4	-0.0872	5.685E+4	-0.0909
1.689E+4	-0.09323	5.688E+4	-0.09298
1.692E+4	-0.0878	5.691E+4	-0.09263
1.695E+4	-0.08928	5.694E+4	-0.09163
1.698E+4	-0.09311	5.697E+4	-0.09286
1.701E+4	-0.09115	5.7E+4	-0.09322
1.704E+4	-0.08733	5.703E+4	-0.0909
1.707E+4	-0.0899	5.706E+4	-0.09163
1.71E+4	-0.08879	5.709E+4	-0.08903
1.713E+4	-0.09312	5.712E+4	-0.09337
1.716E+4	-0.09065	5.715E+4	-0.09199
1.719E+4	-0.09213	5.718E+4	-0.0925
1.722E+4	-0.08779	5.721E+4	-0.08868
1.725E+4	-0.09225	5.724E+4	-0.09138
1.728E+4	-0.09053	5.727E+4	-0.09015
1.731E+4	-0.09312	5.73E+4	-0.08904
1.734E+4	-0.08831	5.733E+4	-0.09065
1.737E+4	-0.09003	5.736E+4	-0.0909
1.74E+4	-0.09151	5.739E+4	-0.08879
1.743E+4	-0.08991	5.742E+4	-0.09311
1.746E+4	-0.08854	5.745E+4	-0.09423
1.749E+4	-0.0899	5.748E+4	-0.08904
1.752E+4	-0.09286	5.751E+4	-0.09151
1.755E+4	-0.08683	5.754E+4	-0.09102
1.758E+4	-0.08903	5.757E+4	-0.09447
1.761E+4	-0.09323	5.76E+4	-0.09337
1.764E+4	-0.08893	5.763E+4	-0.09263
1.767E+4	-0.09312	5.766E+4	-0.08953
1.77E+4	-0.08683	5.769E+4	-0.09533
1.773E+4	-0.09187	5.772E+4	-0.09237
1.776E+4	-0.0962	5.775E+4	-0.09176
1.779E+4	-0.08991	5.778E+4	-0.09348
1.782E+4	-0.09002	5.781E+4	-0.08756
1.785E+4	-0.08893	5.784E+4	-0.08743
1.788E+4	-0.09114	5.787E+4	-0.09038
1.791E+4	-0.09286	5.79E+4	-0.09102
1.794E+4	-0.09015	5.793E+4	-0.09015
1.797E+4	-0.0904	5.796E+4	-0.09138
1.8E+4	-0.08756	5.799E+4	-0.08868
1.803E+4	-0.09187	5.802E+4	-0.09126
1.806E+4	-0.09102	5.805E+4	-0.0925
1.809E+4	-0.09175	5.808E+4	-0.09225
1.812E+4	-0.09102	5.811E+4	-0.09348
1.815E+4	-0.09261	5.814E+4	-0.08818
1.818E+4	-0.09212	5.817E+4	-0.09409
1.821E+4	-0.09299	5.82E+4	-0.09015
1.824E+4	-0.09114	5.823E+4	-0.09361
1.827E+4	-0.09349	5.826E+4	-0.09212
1.83E+4	-0.08916	5.829E+4	-0.09163
1.833E+4	-0.08942	5.832E+4	-0.08843
1.836E+4	-0.09322	5.835E+4	-0.09189
1.839E+4	-0.09189	5.838E+4	-0.08853
1.842E+4	-0.09065	5.841E+4	-0.09311
1.845E+4	-0.0878	5.844E+4	-0.09102
1.848E+4	-0.09163	5.847E+4	-0.09027
1.851E+4	-0.09237	5.85E+4	-0.09199
1.854E+4	-0.08792	5.853E+4	-0.09065
1.857E+4	-0.09053	5.856E+4	-0.0909
1.86E+4	-0.09212	5.859E+4	-0.09027
1.863E+4	-0.08954	5.862E+4	-0.09151
1.866E+4	-0.09015	5.865E+4	-0.09322
1.869E+4	-0.0878	5.868E+4	-0.09298

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
1.872E+4	-0.08768	5.871E+4	-0.09533
1.875E+4	-0.08928	5.874E+4	-0.08967
1.878E+4	-0.0899	5.877E+4	-0.0909
1.881E+4	-0.09263	5.88E+4	-0.08792
1.884E+4	-0.08683	5.883E+4	-0.09053
1.887E+4	-0.09189	5.886E+4	-0.08707
1.89E+4	-0.08916	5.889E+4	-0.0872
1.893E+4	-0.09053	5.892E+4	-0.09286
1.896E+4	-0.08967	5.895E+4	-0.09335
1.899E+4	-0.09176	5.898E+4	-0.08805
1.902E+4	-0.08694	5.901E+4	-0.09189
1.905E+4	-0.09065	5.904E+4	-0.09027
1.908E+4	-0.08942	5.907E+4	-0.09015
1.911E+4	-0.09263	5.91E+4	-0.09038
1.914E+4	-0.08967	5.913E+4	-0.08853
1.917E+4	-0.09027	5.916E+4	-0.09261
1.92E+4	-0.09102	5.919E+4	-0.09126
1.923E+4	-0.08854	5.922E+4	-0.0925
1.926E+4	-0.09038	5.925E+4	-0.09276
1.929E+4	-0.08942	5.928E+4	-0.08756
1.932E+4	-0.09199	5.931E+4	-0.08977
1.935E+4	-0.09176	5.934E+4	-0.09176
1.938E+4	-0.09263	5.937E+4	-0.0856
1.941E+4	-0.09126	5.94E+4	-0.09038
1.944E+4	-0.08805	5.943E+4	-0.09176
1.947E+4	-0.0909	5.946E+4	-0.09385
1.95E+4	-0.09151	5.949E+4	-0.0909
1.953E+4	-0.09163	5.952E+4	-0.09015
1.956E+4	-0.08843	5.955E+4	-0.09237
1.959E+4	-0.09212	5.958E+4	-0.08755
1.962E+4	-0.08868	5.961E+4	-0.09053
1.965E+4	-0.09002	5.964E+4	-0.09176
1.968E+4	-0.09163	5.967E+4	-0.09176
1.971E+4	-0.08928	5.97E+4	-0.08978
1.974E+4	-0.0899	5.973E+4	-0.09151
1.977E+4	-0.09114	5.976E+4	-0.09114
1.98E+4	-0.09138	5.979E+4	-0.09002
1.983E+4	-0.08967	5.982E+4	-0.0925
1.986E+4	-0.08893	5.985E+4	-0.09237
1.989E+4	-0.09065	5.988E+4	-0.09038
1.992E+4	-0.09151	5.991E+4	-0.09212
1.995E+4	-0.09286	5.994E+4	-0.08977
1.998E+4	-0.0909	5.997E+4	-0.08818
2.001E+4	-0.08879	6.0E+4	-0.08978
2.004E+4	-0.08978	6.003E+4	-0.09002
2.007E+4	-0.09065	6.006E+4	-0.08977
2.01E+4	-0.09237	6.009E+4	-0.09201
2.013E+4	-0.09322	6.012E+4	-0.09114
2.016E+4	-0.09151	6.015E+4	-0.08916
2.019E+4	-0.08903	6.018E+4	-0.08683
2.022E+4	-0.08879	6.021E+4	-0.08941
2.025E+4	-0.09151	6.024E+4	-0.08449
2.028E+4	-0.08831	6.027E+4	-0.09163
2.031E+4	-0.09138	6.03E+4	-0.08818
2.034E+4	-0.09225	6.033E+4	-0.09311
2.037E+4	-0.09151	6.036E+4	-0.09078
2.04E+4	-0.09263	6.039E+4	-0.0909
2.043E+4	-0.09348	6.042E+4	-0.08733
2.046E+4	-0.09138	6.045E+4	-0.09065
2.049E+4	-0.08657	6.048E+4	-0.09151
2.052E+4	-0.09027	6.051E+4	-0.08928
2.055E+4	-0.09065	6.054E+4	-0.09189
2.058E+4	-0.08928	6.057E+4	-0.09225
2.061E+4	-0.09053	6.06E+4	-0.08843
2.064E+4	-0.09199	6.063E+4	-0.09027
2.067E+4	-0.09348	6.066E+4	-0.09225

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
2.07E+4	-0.09189	6.069E+4	-0.08584
2.073E+4	-0.0899	6.072E+4	-0.0909
2.076E+4	-0.09212	6.075E+4	-0.09138
2.079E+4	-0.09409	6.078E+4	-0.09003
2.082E+4	-0.09276	6.081E+4	-0.09051
2.085E+4	-0.08978	6.084E+4	-0.09151
2.088E+4	-0.09138	6.087E+4	-0.08744
2.091E+4	-0.08768	6.09E+4	-0.09102
2.094E+4	-0.09038	6.093E+4	-0.08953
2.097E+4	-0.09176	6.096E+4	-0.09398
2.1E+4	-0.09322	6.099E+4	-0.09298
2.103E+4	-0.09176	6.102E+4	-0.09053
2.106E+4	-0.08609	6.105E+4	-0.09151
2.109E+4	-0.08916	6.108E+4	-0.08977
2.112E+4	-0.0899	6.111E+4	-0.09298
2.115E+4	-0.09102	6.114E+4	-0.08768
2.118E+4	-0.09286	6.117E+4	-0.09053
2.121E+4	-0.08942	6.12E+4	-0.09078
2.124E+4	-0.08756	6.123E+4	-0.0925
2.127E+4	-0.09078	6.126E+4	-0.09114
2.13E+4	-0.09447	6.129E+4	-0.08903
2.133E+4	-0.09114	6.132E+4	-0.08853
2.136E+4	-0.08792	6.135E+4	-0.09126
2.139E+4	-0.09348	6.138E+4	-0.09151
2.142E+4	-0.0867	6.141E+4	-0.09176
2.145E+4	-0.09176	6.144E+4	-0.09102
2.148E+4	-0.09138	6.147E+4	-0.08744
2.151E+4	-0.08978	6.15E+4	-0.09126
2.154E+4	-0.08646	6.153E+4	-0.08657
2.157E+4	-0.09102	6.156E+4	-0.08595
2.16E+4	-0.09002	6.159E+4	-0.08842
2.163E+4	-0.08954	6.162E+4	-0.08879
2.166E+4	-0.09038	6.165E+4	-0.08992
2.169E+4	-0.08978	6.168E+4	-0.09263
2.172E+4	-0.09189	6.171E+4	-0.08644
2.175E+4	-0.08582	6.174E+4	-0.0899
2.178E+4	-0.09189	6.177E+4	-0.08916
2.181E+4	-0.09027	6.18E+4	-0.09053
2.184E+4	-0.0925	6.183E+4	-0.09038
2.187E+4	-0.09276	6.186E+4	-0.09039
2.19E+4	-0.09126	6.189E+4	-0.08818
2.193E+4	-0.09163	6.192E+4	-0.08719
2.196E+4	-0.0925	6.195E+4	-0.09176
2.199E+4	-0.08916	6.198E+4	-0.08362
2.202E+4	-0.09065	6.201E+4	-0.09237
2.205E+4	-0.09114	6.204E+4	-0.08694
2.208E+4	-0.09078	6.207E+4	-0.09114
2.211E+4	-0.08868	6.21E+4	-0.08817
2.214E+4	-0.09102	6.213E+4	-0.09189
2.217E+4	-0.08954	6.216E+4	-0.09015
2.22E+4	-0.08843	6.219E+4	-0.09138
2.223E+4	-0.09027	6.222E+4	-0.08768
2.226E+4	-0.09298	6.225E+4	-0.09126
2.229E+4	-0.09126	6.228E+4	-0.09015
2.232E+4	-0.08683	6.231E+4	-0.09078
2.235E+4	-0.0909	6.234E+4	-0.09237
2.238E+4	-0.08928	6.237E+4	-0.08805
2.241E+4	-0.08978	6.24E+4	-0.09138
2.244E+4	-0.09027	6.243E+4	-0.09276
2.247E+4	-0.09138	6.246E+4	-0.09038
2.25E+4	-0.08978	6.249E+4	-0.08707
2.253E+4	-0.08792	6.252E+4	-0.09126
2.256E+4	-0.08868	6.255E+4	-0.0925
2.259E+4	-0.08582	6.258E+4	-0.09102
2.262E+4	-0.08954	6.261E+4	-0.08694
2.265E+4	-0.0846	6.264E+4	-0.09126

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
2.268E+4	-0.08609	6.267E+4	-0.09102
2.271E+4	-0.09138	6.27E+4	-0.09225
2.274E+4	-0.09212	6.273E+4	-0.09126
2.277E+4	-0.09053	6.276E+4	-0.09114
2.28E+4	-0.09337	6.279E+4	-0.09163
2.283E+4	-0.09053	6.282E+4	-0.09151
2.286E+4	-0.08978	6.285E+4	-0.09102
2.289E+4	-0.0925	6.288E+4	-0.08916
2.292E+4	-0.09126	6.291E+4	-0.09138
2.295E+4	-0.08831	6.294E+4	-0.08817
2.298E+4	-0.08868	6.297E+4	-0.09015
2.301E+4	-0.0872	6.3E+4	-0.08756
2.304E+4	-0.09237	6.303E+4	-0.09065
2.307E+4	-0.09298	6.306E+4	-0.09225
2.31E+4	-0.09078	6.309E+4	-0.0862
2.313E+4	-0.09027	6.312E+4	-0.09163
2.316E+4	-0.09126	6.315E+4	-0.09138
2.319E+4	-0.09015	6.318E+4	-0.08879
2.322E+4	-0.09322	6.321E+4	-0.09114
2.325E+4	-0.09373	6.324E+4	-0.08903
2.328E+4	-0.09237	6.327E+4	-0.09126
2.331E+4	-0.09176	6.33E+4	-0.09176
2.334E+4	-0.08831	6.333E+4	-0.09337
2.337E+4	-0.09015	6.336E+4	-0.08916
2.34E+4	-0.08854	6.339E+4	-0.09373
2.343E+4	-0.0909	6.342E+4	-0.08893
2.346E+4	-0.09038	6.345E+4	-0.08831
2.349E+4	-0.09114	6.348E+4	-0.08967
2.352E+4	-0.09237	6.351E+4	-0.09311
2.355E+4	-0.08831	6.354E+4	-0.09114
2.358E+4	-0.08967	6.357E+4	-0.08916
2.361E+4	-0.08868	6.36E+4	-0.09102
2.364E+4	-0.09263	6.363E+4	-0.08831
2.367E+4	-0.0878	6.366E+4	-0.08893
2.37E+4	-0.08534	6.369E+4	-0.08903
2.373E+4	-0.08854	6.372E+4	-0.08817
2.376E+4	-0.09038	6.375E+4	-0.09286
2.379E+4	-0.08903	6.378E+4	-0.09038
2.382E+4	-0.0899	6.381E+4	-0.0925
2.385E+4	-0.08928	6.384E+4	-0.09212
2.388E+4	-0.0909	6.387E+4	-0.08967
2.391E+4	-0.09138	6.39E+4	-0.09151
2.394E+4	-0.09189	6.393E+4	-0.09189
2.397E+4	-0.08978	6.396E+4	-0.09138
2.4E+4	-0.09065	6.399E+4	-0.09138
2.403E+4	-0.08868	6.402E+4	-0.08879
2.406E+4	-0.09102	6.405E+4	-0.09225
2.409E+4	-0.08893	6.408E+4	-0.08893
2.412E+4	-0.09298	6.411E+4	-0.08805
2.415E+4	-0.09225	6.414E+4	-0.08707
2.418E+4	-0.09276	6.417E+4	-0.08733
2.421E+4	-0.08831	6.42E+4	-0.08756
2.424E+4	-0.08967	6.423E+4	-0.08733
2.427E+4	-0.09078	6.426E+4	-0.09053
2.43E+4	-0.09373	6.429E+4	-0.09276
2.433E+4	-0.0909	6.432E+4	-0.09276
2.436E+4	-0.09102	6.435E+4	-0.08977
2.439E+4	-0.09337	6.438E+4	-0.0909
2.442E+4	-0.09038	6.441E+4	-0.08868
2.445E+4	-0.09053	6.444E+4	-0.08868
2.448E+4	-0.09298	6.447E+4	-0.08843
2.451E+4	-0.09237	6.45E+4	-0.09102
2.454E+4	-0.08854	6.453E+4	-0.0872
2.457E+4	-0.09237	6.456E+4	-0.09176
2.46E+4	-0.08792	6.459E+4	-0.08744
2.463E+4	-0.09311	6.462E+4	-0.09015

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
2.466E+4	-0.08928	6.465E+4	-0.08916
2.469E+4	-0.08954	6.468E+4	-0.09199
2.472E+4	-0.08683	6.471E+4	-0.09002
2.475E+4	-0.09078	6.474E+4	-0.08967
2.478E+4	-0.09053	6.477E+4	-0.09078
2.481E+4	-0.09078	6.48E+4	-0.09038
2.484E+4	-0.09138	6.483E+4	-0.08843
2.487E+4	-0.08683	6.486E+4	-0.08903
2.49E+4	-0.09138	6.489E+4	-0.09053
2.493E+4	-0.09225	6.492E+4	-0.09337
2.496E+4	-0.09199	6.495E+4	-0.09126
2.499E+4	-0.08868	6.498E+4	-0.08756
2.502E+4	-0.09015	6.501E+4	-0.08954
2.505E+4	-0.08967	6.504E+4	-0.08978
2.508E+4	-0.09114	6.507E+4	-0.08817
2.511E+4	-0.08805	6.51E+4	-0.09348
2.514E+4	-0.09199	6.513E+4	-0.08831
2.517E+4	-0.09163	6.516E+4	-0.08903
2.52E+4	-0.08954	6.519E+4	-0.09114
2.523E+4	-0.09385	6.522E+4	-0.09237
2.526E+4	-0.09298	6.525E+4	-0.08707
2.529E+4	-0.09138	6.528E+4	-0.08954
2.532E+4	-0.08954	6.531E+4	-0.08854
2.535E+4	-0.09286	6.534E+4	-0.09151
2.538E+4	-0.09385	6.537E+4	-0.08893
2.541E+4	-0.08596	6.54E+4	-0.09065
2.544E+4	-0.09102	6.543E+4	-0.0862
2.547E+4	-0.09225	6.546E+4	-0.0899
2.55E+4	-0.09373	6.549E+4	-0.08992
2.553E+4	-0.09078	6.552E+4	-0.09027
2.556E+4	-0.09176	6.555E+4	-0.08657
2.559E+4	-0.09015	6.558E+4	-0.08805
2.562E+4	-0.09163	6.561E+4	-0.09337
2.565E+4	-0.08868	6.564E+4	-0.09053
2.568E+4	-0.09298	6.567E+4	-0.08928
2.571E+4	-0.09102	6.57E+4	-0.08954
2.574E+4	-0.09189	6.573E+4	-0.08941
2.577E+4	-0.09225	6.576E+4	-0.08967
2.58E+4	-0.09002	6.579E+4	-0.0862
2.583E+4	-0.09151	6.582E+4	-0.08916
2.586E+4	-0.0872	6.585E+4	-0.09015
2.589E+4	-0.09002	6.588E+4	-0.09176
2.592E+4	-0.09286	6.591E+4	-0.09163
2.595E+4	-0.08817	6.594E+4	-0.08879
2.598E+4	-0.09078	6.597E+4	-0.09237
2.601E+4	-0.09102	6.6E+4	-0.0899
2.604E+4	-0.09002	6.603E+4	-0.09199
2.607E+4	-0.08868	6.606E+4	-0.08471
2.61E+4	-0.08831	6.609E+4	-0.08831
2.613E+4	-0.09102	6.612E+4	-0.09015
2.616E+4	-0.09015	6.615E+4	-0.09078
2.619E+4	-0.09053	6.618E+4	-0.0862
2.622E+4	-0.09263	6.621E+4	-0.08792
2.625E+4	-0.09151	6.624E+4	-0.08386
2.628E+4	-0.09114	6.627E+4	-0.09015
2.631E+4	-0.0909	6.63E+4	-0.0899
2.634E+4	-0.09298	6.633E+4	-0.08893
2.637E+4	-0.09237	6.636E+4	-0.09151
2.64E+4	-0.09138	6.639E+4	-0.08868
2.643E+4	-0.08954	6.642E+4	-0.08868
2.646E+4	-0.09114	6.645E+4	-0.09126
2.649E+4	-0.09114	6.648E+4	-0.09015
2.652E+4	-0.09423	6.651E+4	-0.0899
2.655E+4	-0.09015	6.654E+4	-0.08805
2.658E+4	-0.09398	6.657E+4	-0.09286
2.661E+4	-0.08843	6.66E+4	-0.09002



Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
2.664E+4	-0.0909	6.663E+4	-0.09053
2.667E+4	-0.09163	6.666E+4	-0.09212
2.67E+4	-0.09423	6.669E+4	-0.08733
2.673E+4	-0.08868	6.672E+4	-0.09138
2.676E+4	-0.09102	6.675E+4	-0.09138
2.679E+4	-0.09189	6.678E+4	-0.09038
2.682E+4	-0.08903	6.681E+4	-0.0909
2.685E+4	-0.09065	6.684E+4	-0.0899
2.688E+4	-0.0909	6.687E+4	-0.08743
2.691E+4	-0.09176	6.69E+4	-0.08571
2.694E+4	-0.09053	6.693E+4	-0.08817
2.697E+4	-0.09176	6.696E+4	-0.0899
2.7E+4	-0.09212	6.699E+4	-0.09002
2.703E+4	-0.09385	6.702E+4	-0.09053
2.706E+4	-0.09373	6.705E+4	-0.09126
2.709E+4	-0.08879	6.708E+4	-0.0867
2.712E+4	-0.09138	6.711E+4	-0.08893
2.715E+4	-0.09151	6.714E+4	-0.09053
2.718E+4	-0.08978	6.717E+4	-0.08733
2.721E+4	-0.09237	6.72E+4	-0.08916
2.724E+4	-0.08893	6.723E+4	-0.09065
2.727E+4	-0.09163	6.726E+4	-0.09065
2.73E+4	-0.08954	6.729E+4	-0.08805
2.733E+4	-0.09189	6.732E+4	-0.08792
2.736E+4	-0.09398	6.735E+4	-0.08978
2.739E+4	-0.09163	6.738E+4	-0.08683
2.742E+4	-0.09078	6.741E+4	-0.08941
2.745E+4	-0.09337	6.744E+4	-0.08843
2.748E+4	-0.08733	6.747E+4	-0.09038
2.751E+4	-0.08893	6.75E+4	-0.08928
2.754E+4	-0.09423	6.753E+4	-0.0878
2.757E+4	-0.08756	6.756E+4	-0.08792
2.76E+4	-0.09263	6.759E+4	-0.08768
2.763E+4	-0.08978	6.762E+4	-0.08831
2.766E+4	-0.09053	6.765E+4	-0.08916
2.769E+4	-0.09176	6.768E+4	-0.0899
2.772E+4	-0.09151	6.771E+4	-0.08916
2.775E+4	-0.09038	6.774E+4	-0.08967
2.778E+4	-0.09459	6.777E+4	-0.08657
2.781E+4	-0.08843	6.78E+4	-0.08879
2.784E+4	-0.09102	6.783E+4	-0.08904
2.787E+4	-0.09298	6.786E+4	-0.08903
2.79E+4	-0.08942	6.789E+4	-0.0872
2.793E+4	-0.09176	6.792E+4	-0.09053
2.796E+4	-0.09189	6.795E+4	-0.08485
2.799E+4	-0.09038	6.798E+4	-0.09225
2.802E+4	-0.09348	6.801E+4	-0.08831
2.805E+4	-0.09434	6.804E+4	-0.0909
2.808E+4	-0.09114	6.807E+4	-0.08903
2.811E+4	-0.08903	6.81E+4	-0.08707
2.814E+4	-0.09126	6.813E+4	-0.08868
2.817E+4	-0.09138	6.816E+4	-0.08967
2.82E+4	-0.09286	6.819E+4	-0.09015
2.823E+4	-0.09189	6.822E+4	-0.08967
2.826E+4	-0.09473	6.825E+4	-0.08707
2.829E+4	-0.09263	6.828E+4	-0.08523
2.832E+4	-0.09163	6.831E+4	-0.09225
2.835E+4	-0.08868	6.834E+4	-0.09027
2.838E+4	-0.09225	6.837E+4	-0.08854
2.841E+4	-0.09027	6.84E+4	-0.08683
2.844E+4	-0.09053	6.843E+4	-0.09078
2.847E+4	-0.08978	6.846E+4	-0.08756
2.85E+4	-0.09126	6.849E+4	-0.08954
2.853E+4	-0.08978	6.852E+4	-0.09027
2.856E+4	-0.09286	6.855E+4	-0.08854
2.859E+4	-0.09237	6.858E+4	-0.08265

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
2.862E+4	-0.0909	6.861E+4	-0.08967
2.865E+4	-0.09322	6.864E+4	-0.09126
2.868E+4	-0.09065	6.867E+4	-0.09027
2.871E+4	-0.09225	6.87E+4	-0.09078
2.874E+4	-0.08967	6.873E+4	-0.09102
2.877E+4	-0.09138	6.876E+4	-0.09053
2.88E+4	-0.09337	6.879E+4	-0.08879
2.883E+4	-0.09138	6.882E+4	-0.08843
2.886E+4	-0.09225	6.885E+4	-0.09189
2.889E+4	-0.09176	6.888E+4	-0.09337
2.892E+4	-0.09102	6.891E+4	-0.08942
2.895E+4	-0.09276	6.894E+4	-0.08843
2.898E+4	-0.09189	6.897E+4	-0.09002
2.901E+4	-0.09286	6.9E+4	-0.08967
2.904E+4	-0.09078	6.903E+4	-0.09199
2.907E+4	-0.08978	6.906E+4	-0.08694
2.91E+4	-0.09361	6.909E+4	-0.08609
2.913E+4	-0.09015	6.912E+4	-0.08768
2.916E+4	-0.08967	6.915E+4	-0.08965
2.919E+4	-0.09286	6.918E+4	-0.08744
2.922E+4	-0.09311	6.921E+4	-0.08992
2.925E+4	-0.09398	6.924E+4	-0.09002
2.928E+4	-0.09102	6.927E+4	-0.08893
2.931E+4	-0.09263	6.93E+4	-0.08817
2.934E+4	-0.0925	6.933E+4	-0.08831
2.937E+4	-0.09189	6.936E+4	-0.08534
2.94E+4	-0.09102	6.939E+4	-0.08831
2.943E+4	-0.09189	6.942E+4	-0.08792
2.946E+4	-0.09398	6.945E+4	-0.08954
2.949E+4	-0.09078	6.948E+4	-0.08868
2.952E+4	-0.08978	6.951E+4	-0.08928
2.955E+4	-0.09212	6.954E+4	-0.08879
2.958E+4	-0.09225	6.957E+4	-0.08893
2.961E+4	-0.09311	6.96E+4	-0.08843
2.964E+4	-0.0925	6.963E+4	-0.08854
2.967E+4	-0.09199	6.966E+4	-0.0872
2.97E+4	-0.09237	6.969E+4	-0.08893
2.973E+4	-0.09015	6.972E+4	-0.09126
2.976E+4	-0.09212	6.975E+4	-0.08768
2.979E+4	-0.09545	6.978E+4	-0.0899
2.982E+4	-0.09138	6.981E+4	-0.0872
2.985E+4	-0.09348	6.984E+4	-0.08893
2.988E+4	-0.09237	6.987E+4	-0.08657
2.991E+4	-0.09027	6.99E+4	-0.08756
2.994E+4	-0.09423	6.993E+4	-0.08942
2.997E+4	-0.0909	6.996E+4	-0.09038
3.0E+4	-0.09348	6.999E+4	-0.08868
3.003E+4	-0.0909	7.002E+4	-0.08792
3.006E+4	-0.08978	7.005E+4	-0.08634
3.009E+4	-0.09263	7.008E+4	-0.08733
3.012E+4	-0.09126	7.011E+4	-0.08831
3.015E+4	-0.09102	7.014E+4	-0.08744
3.018E+4	-0.08879	7.017E+4	-0.09298
3.021E+4	-0.09114	7.02E+4	-0.0872
3.024E+4	-0.09199	7.023E+4	-0.09038
3.027E+4	-0.09151	7.026E+4	-0.08854
3.03E+4	-0.09138	7.029E+4	-0.0909
3.033E+4	-0.09298	7.032E+4	-0.09015
3.036E+4	-0.09361	7.035E+4	-0.0862
3.039E+4	-0.09225	7.038E+4	-0.08756
3.042E+4	-0.08954	7.041E+4	-0.09176
3.045E+4	-0.0909	7.044E+4	-0.09078
3.048E+4	-0.09176	7.047E+4	-0.09038
3.051E+4	-0.09225	7.05E+4	-0.08609
3.054E+4	-0.09434	7.053E+4	-0.08411
3.057E+4	-0.09027	7.056E+4	-0.08942

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
3.06E+4	-0.09263	7.059E+4	-0.08843
3.063E+4	-0.09038	7.062E+4	-0.08879
3.066E+4	-0.09447	7.065E+4	-0.08893
3.069E+4	-0.09473	7.068E+4	-0.08694
3.072E+4	-0.09176	7.071E+4	-0.08954
3.075E+4	-0.09459	7.074E+4	-0.08646
3.078E+4	-0.09078	7.077E+4	-0.08671
3.081E+4	-0.09694	7.08E+4	-0.08683
3.084E+4	-0.09065	7.083E+4	-0.08744
3.087E+4	-0.09276	7.086E+4	-0.08707
3.09E+4	-0.09298	7.089E+4	-0.08831
3.093E+4	-0.09473	7.092E+4	-0.08843
3.096E+4	-0.09583	7.095E+4	-0.08596
3.099E+4	-0.09151	7.098E+4	-0.08903
3.102E+4	-0.09065	7.101E+4	-0.09138
3.105E+4	-0.09361	7.104E+4	-0.09002
3.108E+4	-0.08843	7.107E+4	-0.09027
3.111E+4	-0.08954	7.11E+4	-0.08657
3.114E+4	-0.09053	7.113E+4	-0.08942
3.117E+4	-0.09027	7.116E+4	-0.0862
3.12E+4	-0.09199	7.119E+4	-0.0878
3.123E+4	-0.09078	7.122E+4	-0.08854
3.126E+4	-0.09163	7.125E+4	-0.08978
3.129E+4	-0.09423	7.128E+4	-0.08954
3.132E+4	-0.09545	7.131E+4	-0.08683
3.135E+4	-0.09038	7.134E+4	-0.08967
3.138E+4	-0.09286	7.137E+4	-0.09015
3.141E+4	-0.0925	7.14E+4	-0.08744
3.144E+4	-0.09311	7.143E+4	-0.08558
3.147E+4	-0.09484	7.146E+4	-0.0909
3.15E+4	-0.09398	7.149E+4	-0.0872
3.153E+4	-0.09078	7.152E+4	-0.09002
3.156E+4	-0.09237	7.155E+4	-0.08436
3.159E+4	-0.09199	7.158E+4	-0.08792
3.162E+4	-0.09212	7.161E+4	-0.08853
3.165E+4	-0.09596	7.164E+4	-0.08683
3.168E+4	-0.08916	7.167E+4	-0.09027
3.171E+4	-0.09225	7.17E+4	-0.08916
3.174E+4	-0.09126	7.173E+4	-0.0867
3.177E+4	-0.09176	7.176E+4	-0.08509
3.18E+4	-0.09286	7.179E+4	-0.08373
3.183E+4	-0.0957	7.182E+4	-0.08928
3.186E+4	-0.09138	7.185E+4	-0.07979
3.189E+4	-0.09002	7.188E+4	-0.08634
3.192E+4	-0.09322	7.191E+4	-0.08831
3.195E+4	-0.09002	7.194E+4	-0.08903
3.198E+4	-0.09038	7.197E+4	-0.0878
3.201E+4	-0.09398	7.2E+4	-0.08768
3.204E+4	-0.09322	7.203E+4	-0.08916
3.207E+4	-0.08916	7.206E+4	-0.08942
3.21E+4	-0.09138	7.209E+4	-0.0878
3.213E+4	-0.09619	7.212E+4	-0.08609
3.216E+4	-0.09322	7.215E+4	-0.08595
3.219E+4	-0.09189	7.218E+4	-0.08792
3.222E+4	-0.09138	7.221E+4	-0.08634
3.225E+4	-0.09398	7.224E+4	-0.08733
3.228E+4	-0.09102	7.227E+4	-0.08978
3.231E+4	-0.08978	7.23E+4	-0.09038
3.234E+4	-0.09176	7.233E+4	-0.08116
3.237E+4	-0.09189	7.236E+4	-0.08547
3.24E+4	-0.09409	7.239E+4	-0.08868
3.243E+4	-0.09002	7.242E+4	-0.08879
3.246E+4	-0.09286	7.245E+4	-0.08571
3.249E+4	-0.09225	7.248E+4	-0.08694
3.252E+4	-0.09322	7.251E+4	-0.08756
3.255E+4	-0.09423	7.254E+4	-0.08609

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
3.258E+4	-0.09053	7.257E+4	-0.08609
3.261E+4	-0.09225	7.26E+4	-0.09002
3.264E+4	-0.09286	7.263E+4	-0.08657
3.267E+4	-0.09276	7.266E+4	-0.08978
3.27E+4	-0.09163	7.269E+4	-0.08843
3.273E+4	-0.09533	7.272E+4	-0.08805
3.276E+4	-0.09373	7.275E+4	-0.08644
3.279E+4	-0.09065	7.278E+4	-0.08547
3.282E+4	-0.09322	7.281E+4	-0.08646
3.285E+4	-0.09533	7.284E+4	-0.08756
3.288E+4	-0.09038	7.287E+4	-0.09102
3.291E+4	-0.09163	7.29E+4	-0.08817
3.294E+4	-0.09126	7.293E+4	-0.08831
3.297E+4	-0.0899	7.296E+4	-0.08868
3.3E+4	-0.09423	7.299E+4	-0.08572
3.303E+4	-0.09163	7.302E+4	-0.08683
3.306E+4	-0.09176	7.305E+4	-0.09163
3.309E+4	-0.09348	7.308E+4	-0.08436
3.312E+4	-0.09199	7.311E+4	-0.08805
3.315E+4	-0.09337	7.314E+4	-0.08978
3.318E+4	-0.09484	7.317E+4	-0.08756
3.321E+4	-0.09298	7.32E+4	-0.08916
3.324E+4	-0.09286	7.323E+4	-0.09015
3.327E+4	-0.09212	7.326E+4	-0.08942
3.33E+4	-0.08903	7.329E+4	-0.09126
3.333E+4	-0.09212	7.332E+4	-0.08942
3.336E+4	-0.09151	7.335E+4	-0.08978
3.339E+4	-0.09225	7.338E+4	-0.0862
3.342E+4	-0.0925	7.341E+4	-0.08928
3.345E+4	-0.09053	7.344E+4	-0.08868
3.348E+4	-0.09189	7.347E+4	-0.08707
3.351E+4	-0.08978	7.35E+4	-0.08967
3.354E+4	-0.09078	7.353E+4	-0.09138
3.357E+4	-0.09065	7.356E+4	-0.08903
3.36E+4	-0.09237	7.359E+4	-0.08362
3.363E+4	-0.09398	7.362E+4	-0.08893
3.366E+4	-0.09176	7.365E+4	-0.08449
3.369E+4	-0.09053	7.368E+4	-0.09078
3.372E+4	-0.09114	7.371E+4	-0.0872
3.375E+4	-0.09348	7.374E+4	-0.08831
3.378E+4	-0.09212	7.377E+4	-0.09038
3.381E+4	-0.08928	7.38E+4	-0.0878
3.384E+4	-0.09038	7.383E+4	-0.08768
3.387E+4	-0.09473	7.386E+4	-0.08879
3.39E+4	-0.09398	7.389E+4	-0.08817
3.393E+4	-0.09286	7.392E+4	-0.08854
3.396E+4	-0.09151	7.395E+4	-0.08694
3.399E+4	-0.09322	7.398E+4	-0.08868
3.402E+4	-0.09225	7.401E+4	-0.08362
3.405E+4	-0.09212	7.404E+4	-0.08534
3.408E+4	-0.09015	7.407E+4	-0.08942
3.411E+4	-0.08916	7.41E+4	-0.08854
3.414E+4	-0.0925	7.413E+4	-0.08818
3.417E+4	-0.0925	7.416E+4	-0.08733
3.42E+4	-0.09115	7.419E+4	-0.0878
3.423E+4	-0.09298	7.422E+4	-0.0878
3.426E+4	-0.08733	7.425E+4	-0.0872
3.429E+4	-0.09053	7.428E+4	-0.08928
3.432E+4	-0.0909	7.431E+4	-0.08792
3.435E+4	-0.09298	7.434E+4	-0.09065
3.438E+4	-0.09348	7.437E+4	-0.08694
3.441E+4	-0.09138	7.44E+4	-0.08817
3.444E+4	-0.09199	7.443E+4	-0.08633
3.447E+4	-0.09176	7.446E+4	-0.08954
3.45E+4	-0.09038	7.449E+4	-0.08854
3.453E+4	-0.08893	7.452E+4	-0.08397

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
3.456E+4	-0.0899	7.455E+4	-0.08879
3.459E+4	-0.09508	7.458E+4	-0.09015
3.462E+4	-0.09212	7.461E+4	-0.09002
3.465E+4	-0.08942	7.464E+4	-0.08756
3.468E+4	-0.09015	7.467E+4	-0.0867
3.471E+4	-0.09298	7.47E+4	-0.0835
3.474E+4	-0.09237	7.473E+4	-0.0841
3.477E+4	-0.09311	7.476E+4	-0.08842
3.48E+4	-0.09176	7.479E+4	-0.08733
3.483E+4	-0.08805	7.482E+4	-0.0867
3.486E+4	-0.09176	7.485E+4	-0.08768
3.489E+4	-0.09078	7.488E+4	-0.08942
3.492E+4	-0.0909	7.491E+4	-0.08893
3.495E+4	-0.09337	7.494E+4	-0.08582
3.498E+4	-0.08954	7.497E+4	-0.08756
3.501E+4	-0.08928	7.5E+4	-0.08657
3.504E+4	-0.08967	7.503E+4	-0.08646
3.507E+4	-0.09002	7.506E+4	-0.0878
3.51E+4	-0.09065	7.509E+4	-0.08644
3.513E+4	-0.09361	7.512E+4	-0.08916
3.516E+4	-0.09138	7.515E+4	-0.08546
3.519E+4	-0.09199	7.518E+4	-0.09138
3.522E+4	-0.09151	7.521E+4	-0.08805
3.525E+4	-0.08868	7.524E+4	-0.08707
3.528E+4	-0.09322	7.527E+4	-0.08916
3.531E+4	-0.09114	7.53E+4	-0.09015
3.534E+4	-0.09298	7.533E+4	-0.08572
3.537E+4	-0.09189	7.536E+4	-0.08509
3.54E+4	-0.09038	7.539E+4	-0.08619
3.543E+4	-0.0909	7.542E+4	-0.08868
3.546E+4	-0.09102	7.545E+4	-0.08733
3.549E+4	-0.08657	7.548E+4	-0.08707
3.552E+4	-0.09286	7.551E+4	-0.0862
3.555E+4	-0.08646	7.554E+4	-0.08942
3.558E+4	-0.09053	7.557E+4	-0.08854
3.561E+4	-0.09053	7.56E+4	-0.08572
3.564E+4	-0.09151	7.563E+4	-0.0878
3.567E+4	-0.0925	7.566E+4	-0.08386
3.57E+4	-0.09189	7.569E+4	-0.08744
3.573E+4	-0.08967	7.572E+4	-0.08546
3.576E+4	-0.08694	7.575E+4	-0.08929
3.579E+4	-0.08928	7.578E+4	-0.08917
3.582E+4	-0.09002	7.581E+4	-0.08572
3.585E+4	-0.08903	7.584E+4	-0.08683
3.588E+4	-0.08928	7.587E+4	-0.08609
3.591E+4	-0.08929	7.59E+4	-0.08978
3.594E+4	-0.09337	7.593E+4	-0.08509
3.597E+4	-0.09398	7.596E+4	-0.09065
3.6E+4	-0.09126	7.599E+4	-0.0867
3.603E+4	-0.09102	7.602E+4	-0.08805
3.606E+4	-0.09189	7.605E+4	-0.08534
3.609E+4	-0.09596	7.608E+4	-0.08954
3.612E+4	-0.09038	7.611E+4	-0.08546
3.615E+4	-0.08992	7.614E+4	-0.08782
3.618E+4	-0.0899	7.617E+4	-0.08424
3.621E+4	-0.0878	7.62E+4	-0.08903
3.624E+4	-0.08967	7.623E+4	-0.08694
3.627E+4	-0.09038	7.626E+4	-0.08733
3.63E+4	-0.09225	7.629E+4	-0.08523
3.633E+4	-0.09126	7.632E+4	-0.08854
3.636E+4	-0.09039	7.635E+4	-0.08534
3.639E+4	-0.09002	7.638E+4	-0.08744
3.642E+4	-0.08928	7.641E+4	-0.09114
3.645E+4	-0.09114	7.644E+4	-0.08411
3.648E+4	-0.09276	7.647E+4	-0.08694
3.651E+4	-0.0909	7.65E+4	-0.08683

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
3.654E+4	-0.09322	7.653E+4	-0.09027
3.657E+4	-0.09027	7.656E+4	-0.08619
3.66E+4	-0.08817	7.659E+4	-0.08249
3.663E+4	-0.09212	7.662E+4	-0.0846
3.666E+4	-0.09348	7.665E+4	-0.08879
3.669E+4	-0.09151	7.668E+4	-0.08743
3.672E+4	-0.09102	7.671E+4	-0.08942
3.675E+4	-0.09434	7.674E+4	-0.08719
3.678E+4	-0.09002	7.677E+4	-0.08977
3.681E+4	-0.08967	7.68E+4	-0.09053
3.684E+4	-0.08805	7.683E+4	-0.08893
3.687E+4	-0.09027	7.686E+4	-0.08843
3.69E+4	-0.08941	7.689E+4	-0.0878
3.693E+4	-0.09263	7.692E+4	-0.08978
3.696E+4	-0.09276	7.695E+4	-0.08436
3.699E+4	-0.09151	7.698E+4	-0.08916
3.702E+4	-0.09545	7.701E+4	-0.08879
3.705E+4	-0.09199	7.704E+4	-0.08903
3.708E+4	-0.09176	7.707E+4	-0.08424
3.711E+4	-0.08916	7.71E+4	-0.08893
3.714E+4	-0.09126	7.713E+4	-0.08496
3.717E+4	-0.09212	7.716E+4	-0.08817
3.72E+4	-0.09053	7.719E+4	-0.08903
3.723E+4	-0.0925	7.722E+4	-0.0835
3.726E+4	-0.09102	7.725E+4	-0.08595
3.729E+4	-0.09114	7.728E+4	-0.08397
3.732E+4	-0.09151	7.731E+4	-0.08459
3.735E+4	-0.09114	7.734E+4	-0.08879
3.738E+4	-0.08893	7.737E+4	-0.09114
3.741E+4	-0.08436	7.74E+4	-0.08842
3.744E+4	-0.09015	7.743E+4	-0.08571
3.747E+4	-0.09398	7.746E+4	-0.08609
3.75E+4	-0.09237	7.749E+4	-0.08792
3.753E+4	-0.09163	7.752E+4	-0.09053
3.756E+4	-0.09298	7.755E+4	-0.08694
3.759E+4	-0.09002	7.758E+4	-0.09038
3.762E+4	-0.08893	7.761E+4	-0.08646
3.765E+4	-0.09276	7.764E+4	-0.08397
3.768E+4	-0.09102	7.767E+4	-0.09065
3.771E+4	-0.09237	7.77E+4	-0.08768
3.774E+4	-0.09199	7.773E+4	-0.08879
3.777E+4	-0.09322	7.776E+4	-0.08817
3.78E+4	-0.09276	7.779E+4	-0.08854
3.783E+4	-0.09298	7.782E+4	-0.0899
3.786E+4	-0.09138	7.785E+4	-0.08928
3.789E+4	-0.08978	7.788E+4	-0.08831
3.792E+4	-0.09322	7.791E+4	-0.09065
3.795E+4	-0.08817	7.794E+4	-0.09078
3.798E+4	-0.09053	7.797E+4	-0.08843
3.801E+4	-0.08893	7.8E+4	-0.09065
3.804E+4	-0.09337	7.803E+4	-0.08879
3.807E+4	-0.09361	7.806E+4	-0.08903
3.81E+4	-0.09276	7.809E+4	-0.08903
3.813E+4	-0.09176	7.812E+4	-0.08928
3.816E+4	-0.09102	7.815E+4	-0.0909
3.819E+4	-0.09163	7.818E+4	-0.08756
3.822E+4	-0.09163	7.821E+4	-0.08831
3.825E+4	-0.08683	7.824E+4	-0.0867
3.828E+4	-0.09298	7.827E+4	-0.08903
3.831E+4	-0.09176	7.83E+4	-0.08733
3.834E+4	-0.09015	7.833E+4	-0.08893
3.837E+4	-0.09038	7.836E+4	-0.08879
3.84E+4	-0.09114	7.839E+4	-0.08571
3.843E+4	-0.08978	7.842E+4	-0.08843
3.846E+4	-0.09361	7.845E+4	-0.08596
3.849E+4	-0.08978	7.848E+4	-0.0862

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
3.852E+4	-0.09348	7.851E+4	-0.0867
3.855E+4	-0.08978	7.854E+4	-0.08719
3.858E+4	-0.09065	7.857E+4	-0.08903
3.861E+4	-0.08967	7.86E+4	-0.08903
3.864E+4	-0.09102	7.863E+4	-0.08903
3.867E+4	-0.09337	7.866E+4	-0.08893
3.87E+4	-0.09189	7.869E+4	-0.08694
3.873E+4	-0.08854	7.872E+4	-0.08744
3.876E+4	-0.08805	7.875E+4	-0.09176
3.879E+4	-0.09163	7.878E+4	-0.08967
3.882E+4	-0.09015	7.881E+4	-0.0878
3.885E+4	-0.09038	7.884E+4	-0.08744
3.888E+4	-0.09434	7.887E+4	-0.0867
3.891E+4	-0.09237	7.89E+4	-0.08733
3.894E+4	-0.09237	7.893E+4	-0.09151
3.897E+4	-0.09126	7.896E+4	-0.08967
3.9E+4	-0.09138	7.899E+4	-0.0872
3.903E+4	-0.09002	7.902E+4	-0.08582
3.906E+4	-0.08831	7.905E+4	-0.08916
3.909E+4	-0.08868	7.908E+4	-0.08733
3.912E+4	-0.09078	7.911E+4	-0.08497
3.915E+4	-0.09311	7.914E+4	-0.08978
3.918E+4	-0.09176	7.917E+4	-0.08768
3.921E+4	-0.08942	7.92E+4	-0.09151
3.924E+4	-0.09114	7.923E+4	-0.08792
3.927E+4	-0.09311	7.926E+4	-0.0872
3.93E+4	-0.09199	7.929E+4	-0.08609
3.933E+4	-0.09212	7.932E+4	-0.08486
3.936E+4	-0.09398	7.935E+4	-0.0872
3.939E+4	-0.09176	7.938E+4	-0.08978
3.942E+4	-0.09521	7.941E+4	-0.0878
3.945E+4	-0.09409	7.944E+4	-0.08817
3.948E+4	-0.09311	7.947E+4	-0.08733
3.951E+4	-0.09373	7.95E+4	-0.08843
3.954E+4	-0.0909	7.953E+4	-0.0867
3.957E+4	-0.09361	7.956E+4	-0.08683
3.96E+4	-0.0872	7.959E+4	-0.08411
3.963E+4	-0.09263	7.962E+4	-0.09151
3.966E+4	-0.09298	7.965E+4	-0.08707
3.969E+4	-0.09189	7.968E+4	-0.08733
3.972E+4	-0.09459	7.971E+4	-0.08916
3.975E+4	-0.09078	7.974E+4	-0.09015
3.978E+4	-0.08942	7.977E+4	-0.09682
3.981E+4	-0.09189	7.98E+4	-0.09682
3.984E+4	-0.09423	7.983E+4	-0.09965
3.987E+4	-0.09434	7.986E+4	-0.09829
3.99E+4	-0.09263	7.989E+4	0.1695
3.993E+4	-0.08893	7.992E+4	-0.0925

SOLUTION

Slug Test  
 Aquifer Model: Unconfined  
 Solution Method: Bouwer-Rice  
 ln(Re/rw): 3.599

VISUAL ESTIMATION RESULTS

Estimated Parameters

Parameter	Estimate	
K	6.849	cm/sec
y0	1.	ft

$T = K \cdot b = 1158.7 \text{ cm}^2/\text{sec}$