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INTERIM REMEDIAL ACTION TREATABILITY STUDY PUMPING TEST IMPLEMENTATION AND RESULTS FOR OPERABLE UNIT 4 (OU 4) NTC ORLANDO FL

10/30/1996

ABB ENVIRONMENTAL

ABB

18.02.04.0001

8519-59-X04

ID 00443

October 30,1996

Southern Division
Naval Facilities Engineering Command
ATTN: Mrs. Barbara Nwokike, Code 1873
P.O. Box 10068
2155 Eagle Drive
North Charleston, SC 29406

PLANNING & LOCAL GOVERNMENT
FEB 02 1997

SUBJECT: Operable Unit 4 Interim Remedial Action Treatability Study: Pumping Test Implementation and Results Naval Training Center, Orlando, Florida Contract No. N62467-89-D-0317, CTO No. 107

Dear Barbara:

INTRODUCTION

Groundwater, surface water, and sediment samples collected during the focused field investigation were found to be contaminated with volatile organic compounds (VOCs) associated with drycleaning fluids. Therefore, an interim remedial action treatability study has been initiated to address the problem. ABB Environmental Services, Inc. (ABB-ES), collected and analyzed pumping test data to support future remedial feasibility studies and refine the site conceptual model for Operable Unit (OU) 4. OU 4 is located at Area C, an annex of the Naval Training Center (NTC) in Orlando, Florida (Figure 1).

This document describes the design, execution, and data analysis involved with the step drawdown and 18-hour-constant-rate pumping test performed by ABB-ES personnel from August 28 to August 30, 1996. The objective of the pumping test was to collect the following data from the surficial aquifer:

- head response due to pumping stress;
- hydraulic conductivity and transmissivity estimates;
- relative water quality;
- well yield, specific capacity, and operational variance; and
- potential influence of hydraulic control over the affected aquifer.

The process involved in the design and installation of all the wells involved in the pumping test, is outlined in the text along with the execution of the pumping test, and the procedures and techniques involved in the data analysis. The quantitative and qualitative results of this pumping test have provided the project team with an understanding of the aquifer characteristics and have enabled the team to further refine the site conceptual model for OU 4.

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2590 Executive Center Circle East
Tallahassee, Florida 32301

Telephone (904) 656-1293
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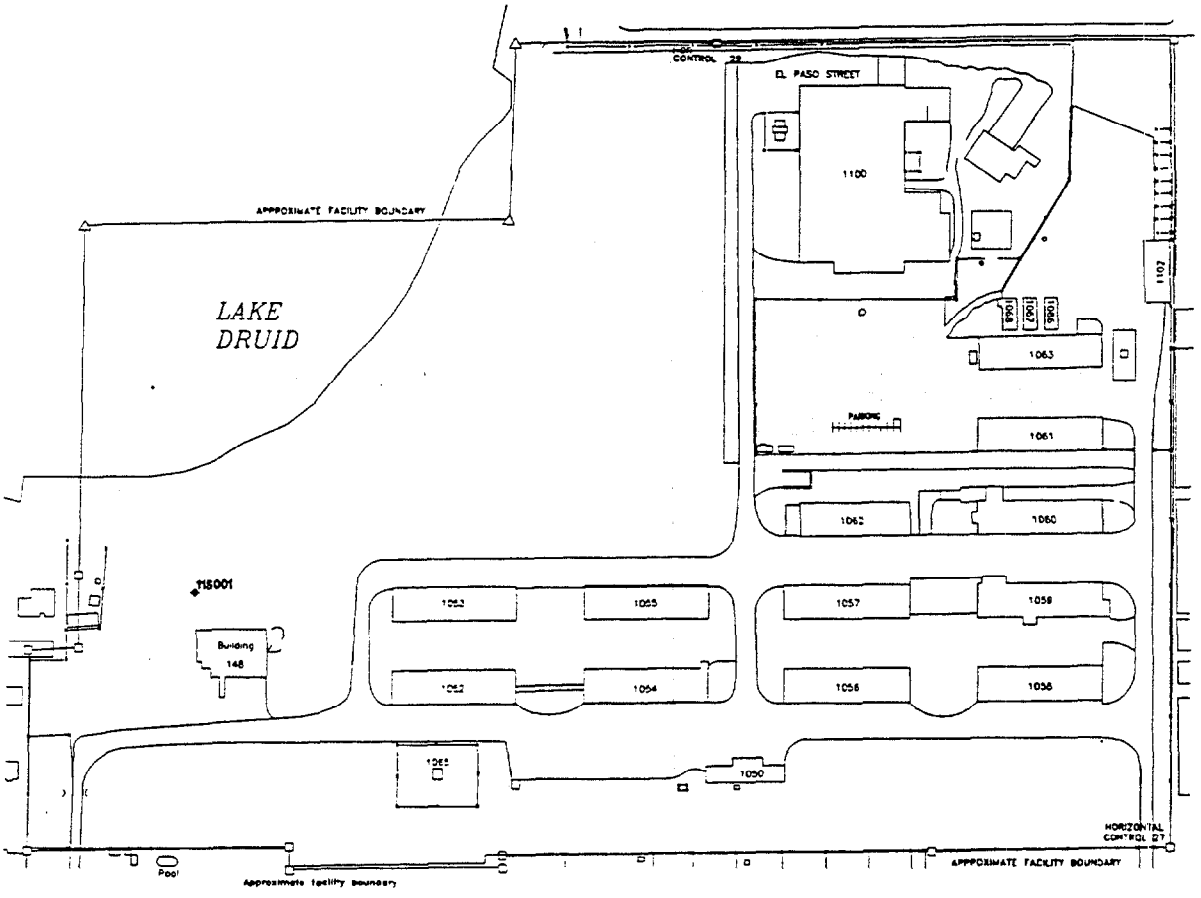
NAVAL TRAINING CENTER
AREA C

N



NOTE:
OU = Operable unit

0 150 300
SCALE: 1 INCH = 300 FEET

FIGURE 1
SITE VICINITY MAP

H:\ OLD\ AREA-C\ PS-NVM\ 10-28-96

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SITE CONCEPTUAL MODEL

Site features influencing the surficial aquifer include local geology and surface water bodies. The local geology consists predominately of fine-grained sand from ground surface to approximately 63 feet below land surface (bls), with the exception of a very dense fine-sand horizon at approximately 15 to 20 feet bls. At approximately 63 feet bls, the clayey units of the Hawthorn Group begin as shown on Figure 2. The aquifer unit above the dense layer is referred to as the shallow unit of the surficial aquifer. The dense layer and the fine-grained sand below is considered the intermediate unit. The clayey sands above the Hawthorn Group will be considered the deep aquifer unit. More detailed geologic information can be found in the Interim Remedial Action Focused Field Investigation Workplan, Operable Unit 4 (ABB-ES, 1996). Lake Druid, on the western portion of the site, is the nearest surface water body. On average, the depth to groundwater is approximately 3 feet bls, resulting in an average saturated thickness of 60 feet for the surficial aquifer at OU 4. Head potentials indicate recharge in the vicinity of the source area (inactive drycleaning facility, Building 1100) and discharge in the vicinity of Lake Druid. Groundwater contaminated with VOCs associated with tetrachloroethene are found in concentrations ranging from 1 to 2,000 micrograms per liter. More detailed discussion of the refinement of our understanding of this site conceptual model will be provided in the Interim Remedial Action Focused Field Investigation, Operable Unit 4 (ABB-ES, 1996).

PUMPING TEST DESIGN AND INSTALLATION

The appropriate layout of the recovery well, observation wells, and monitoring wells was designed with the intent to

- place enough wells up, down, and across gradient to refine the conceptual model;
- target the "hot" zone downgradient of the source; and
- be far enough from Lake Druid so as not to influence the surface water.

The position of the wells was selected based on potential heterogeneity and/or anisotropic nature of the aquifer. This was done by placing the wells at key locations relative to a pumping well, positioned in specific directions, distances, and depths. The configuration of these wells is provided on Figure 3.

Two existing clusters of three monitoring wells were incorporated into the design ([1] OLD-13-09A, OLD-13-10B, and OLD-13-11C; and [2] OLD-13-12A, OLD-13-13B, and OLD-13-14C). One new cluster of three monitoring wells was installed (OLD-13-15A, OLD-13-16B, and OLD-13-17C). These three clusters enable the aquifer to be studied at three distinct depths, which are normal to the site's equipotential flowpath, to find out the effects of the very dense fine-sand horizon on the aquifer characteristics. A recovery well (OLD-13-RW1) and five observation wells (OLD-13-OW1 through OLD-13-OW5) were designed and installed based on contaminant plume geometry and existing well locations. The recovery well was placed within the contaminant plume and screened through the intermediate and deep units of the surficial aquifer from 20 to 60 feet bls. Filter pack design for the recovery well incorporated formation grain size analysis to optimize well efficiency (Driscoll, 1986).

Three methods of drilling were used to install the wells at the site. The recovery well (OLD-13-RW1) was installed using the cable tool method of drilling. This method was used to achieve a greater well efficiency. The advantages of the casing driven installation of the cable tool method include a cleaner borehole and no need to introduce additives such as bentonite gel to the system. The introduction of these additives may clog the formation, which in turn will decrease the well efficiency. The observation-wells and the shallow and intermediate monitoring wells were installed using the hollow-stem auger method of

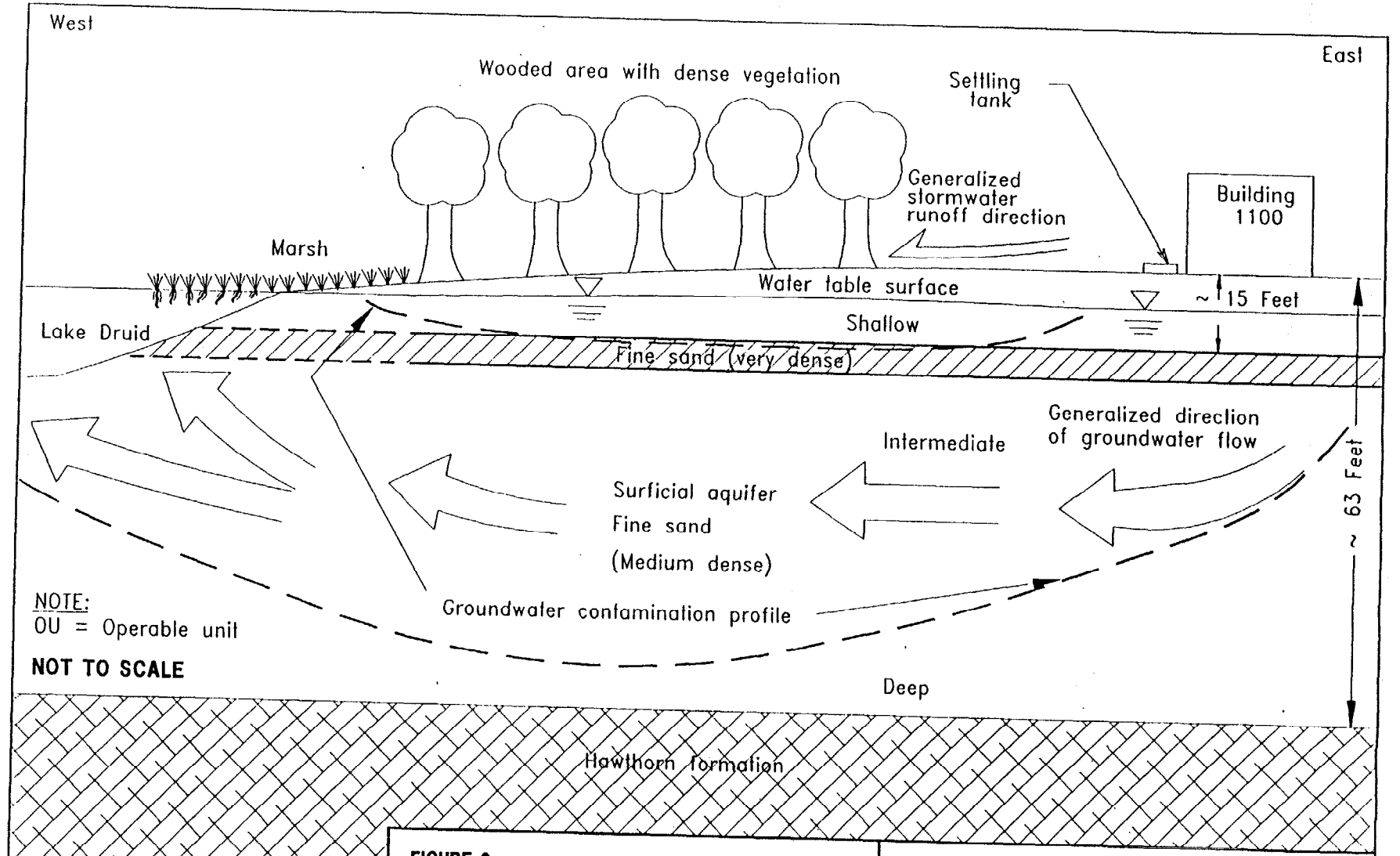

FIGURE 2
SITE CONCEPTUAL MODEL

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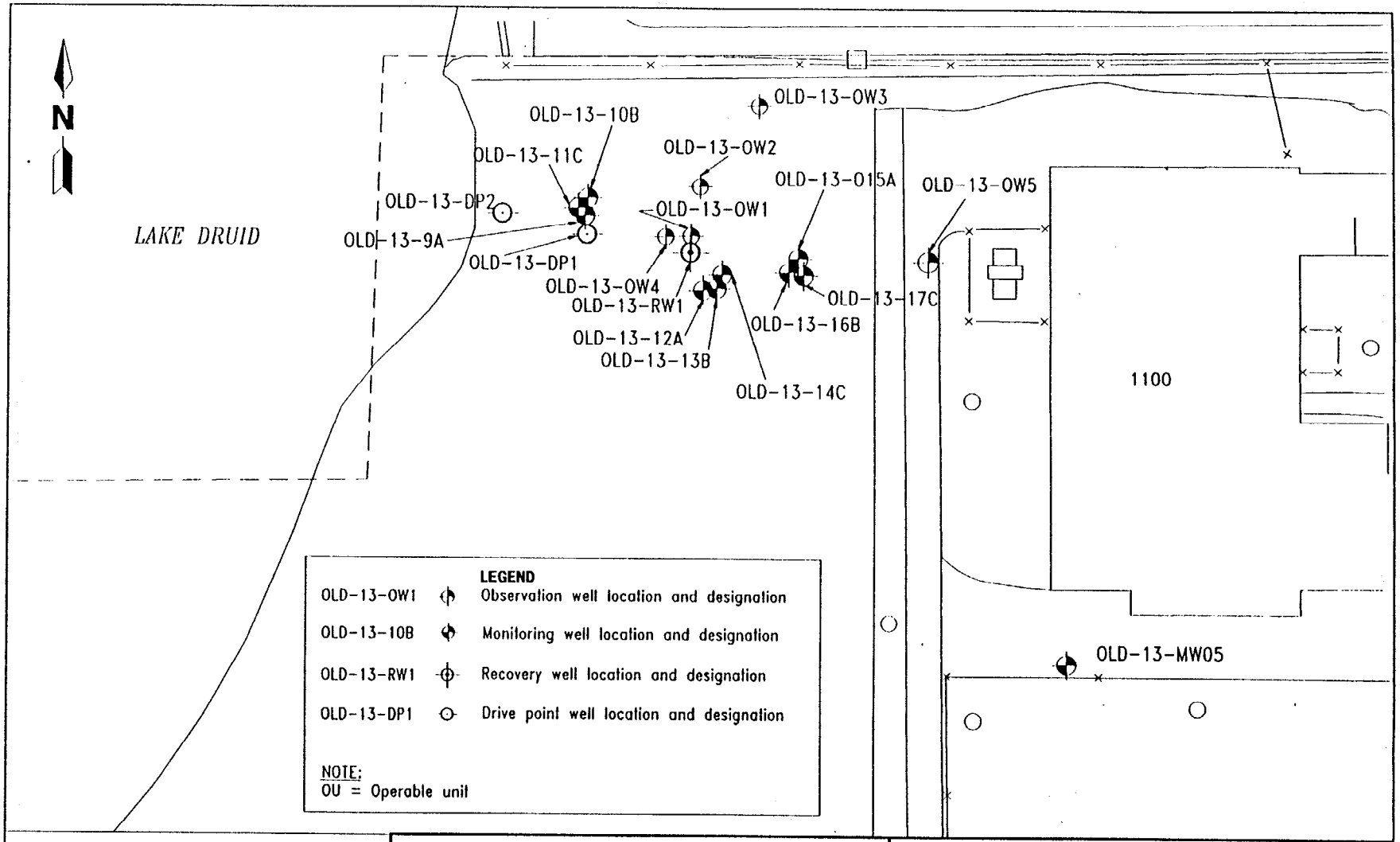

0 50 100
SCALE: 1 INCH = 100 FEET

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FIGURE 3
MONITORING, RECOVERY, OBSERVATION, AND DRIVE POINT WELL LOCATIONS

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drilling. The deep monitoring well was installed using the mud rotary drilling method because of the flowing sand. Construction details of the recovery well (OLD-13-RW1), observation wells (OLD-13-OW1 through OLD-13-OW5), and monitoring wells (OLD-13-09A through OLD-13-17C) can be found in Table 1. Well construction diagrams are included in Attachment A.

Table 1
Construction Details of Wells Used During Pumping Test

OU 4 Interim Remedial Action Treatability Study:
Pumping Test Implementation and Results
Naval Training Center
Orlando, Florida

Well Identification	Depth to Seal (feet)	Depth to Filter Pack (feet)	Depth to Top of Screen (feet)	Length of Screen (feet)	Depth of Borehole (feet)	Unit of the Surficial Aquifer in which the Screen is Set	Distance and Orientation Relative to OLD-13-RW1
OLD-13-RW1	10.5	14.5	20	40	65	Intermediate/Deep	0
OLD-13-OW1	24	28	30	5	35	Intermediate	10 N
OLD-13-OW2	24.5	28	30	5	35	Intermediate	43 N
OLD-13-OW3	22.5	26.5	29	5	34	Intermediate	105 NE
OLD-13-OW4	24	28	30	5	35	Intermediate	19 NW
OLD-13-OW5	24	27	30	5	35	Intermediate	157 E
OLD-13-09A	0	.5	1	10	12	Shallow	74 NW
OLD-13-10B	12	15	16	5	21	Dense Layer/ Intermediate	76 NW
OLD-13-11C	52	55	57	5	62	Deep	80 NW
OLD-13-12A	0	1	1.5	10	11.5	Shallow	23 SE
OLD-13-13B	10	14	16	5	21	Dense Layer/ Intermediate	29 SE
OLD-13-14C	53	55	57	5	62	Deep	25 SE
OLD-13-15A	0	1.5	2.5	10	12.5	Shallow	70 E
OLD-13-16B	12	16	18	5	23	Dense Layer/ Intermediate	67 E
OLD-13-17C	48	55.5	58	5	63	Deep	76 E
OLD-13-05	1.5	2	5	10	16	Shallow	363 SE

Notes: The seal is made up of fine sand and/or bentonite pellets.
N = north. NE = northeast. NW = northwest. SE = southeast. E = east.

The observation and monitoring wells installed for the pumping test were developed by surging and pumping with a centrifugal pump to ensure a sound connection with the surficial aquifer. The recovery well (OLD-13-RW1) was developed with a Grundfos 16S07-8 4-inch-diameter submersible pump and 5-inch-diameter surge block. The entire 40 feet of screen was surged and pumped six separate times throughout development.

The specific capacity (S_c) of OLD-13-RW1 was estimated during development from flow rate and water-level data collected using a 5-gallon bucket, a stopwatch, and a water-level indicator. S_c values ranged from 9 to 10 gallons per minute per feet of drawdown. These S_c values represent relative yield characteristics of the well. The volume of water removed while developing approached 3,000 gallons, and the groundwater discharged was still slightly cloudy at the end of development.

PUMPING TEST ACTIVITIES

In order to collect data for evaluation of aquifer properties, the following activities were performed:

- monitoring system installation
- background data collection
- well performance evaluation
- constant-rate pumping test
- recovery data collection

To collect water-level data, 18 wells were instrumented with electronic pressure transducers. Pressure ranges of the transducers were chosen based on anticipated drawdowns in individual wells. The transducers were connected to four In-Situ, Inc., electronic data loggers. Two Hermit™ 2000 data loggers with eight channels recorded data from the wells near the recovery well and two Hermit™ 1000C data loggers with two channels were used for the wells east of Port Hueneme Avenue. The monitoring system was setup so that the area nearest the pumping well would be adequately monitored in the event of instrument failure. The three wells farthest from the pumping well were instrumented independently for logistical reasons.

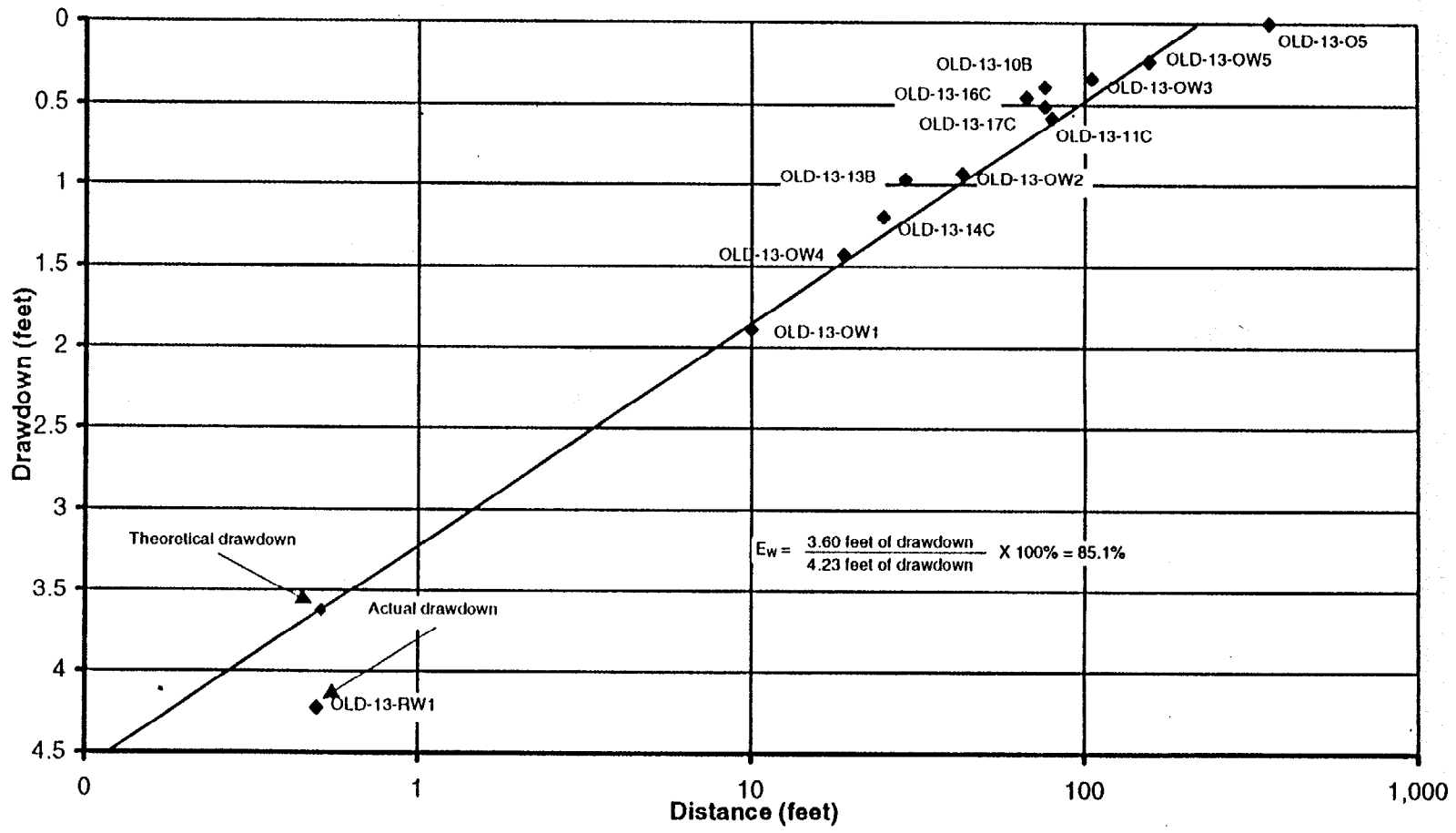
To determine the influence of barometric pressure fluctuations and precipitation on the aquifer, as well as general aquifer trends, background water-level data was collected from August 23 to August 26, 1996. The water-level data were compared with barometric pressure data for the same time period obtained from Orlando Executive Airport. No correlation can be drawn between minute changes in barometric pressure and fluctuations in the water level in the wells, which is typical of unconfined aquifers. The background data are presented in Attachment B.

To determine the most appropriate flow rate for the constant-rate pumping test, data were collected during a step drawdown test and evaluated to determine well performance parameters. The step drawdown test was conducted on August 28, 1996. The test began at 16:00 hours and was divided into three 100-minute steps. The average flow rate during the initial step was 22 gallons per minute (gpm), the intermediate step flow rate was 44 gpm, and the final step flow rate was 55 gpm. After the third step, recovery of the aquifer was also monitored. The drawdown associated with each flowrate of the step drawdown test is shown in Attachment C. Data from the step drawdown test are presented in Attachment D.

Data from the step drawdown test were analyzed to determine the specific capacity of OLD-13-RW1. Average specific capacity at the pumping rates maintained during the step test was 9.7 gpm per foot. This value coincides with the preliminary estimates determined during well development.

Well efficiency for OLD-13-RW1 was calculated using the Hantush-Bierschenk method (Attachment E). The well efficiency analysis determines drawdown losses within the pumping well (Kruseman and de Ridder, 1990). At 40 gpm, 98 percent of the losses are due to linear aquifer and well flow, and 2 percent of the losses are due to nonlinear well flow. Data from the step drawdown test indicate well efficiency from 80 to 90 percent. These values correspond with values obtained by comparing actual drawdown in the pumping well at various times with theoretical drawdowns on distance drawdown plots, as shown on Figure 4.

The constant rate pumping test was initiated at 11:30 hours on August 29, 1996. The pumping phase of the test was ended at 05:30 hours on August 30. Recovery data were collected from the end of the pumping phase until 09:00 hours on August 31. Based on the data analysis from the step drawdown test, a flow rate of 40 gpm was selected for the constant-rate pumping test. During the pumping phase of the



NOTE:
OU = operable unit
% = percent

FIGURE 4
WELL EFFICIENCY (E_W) AT 1060 MINUTES ELAPSED TIME

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test, field personnel monitored the flow rate of the pumping system, weather conditions, and manually collected water-level measurements in the instrumented wells and uninstrumented drive points and staff gauges.

During the pumping phase of the test, the flow volume from the pumping well was measured with an inline totalizing flow meter. Flow rate was adjusted with a gate valve to achieve the desired flow rate. The target flow rate was achieved within the first 10 minutes of the pumping phase; the actual achieved flow rate was 38.9 gpm. Field personnel then monitored the flow rate for the remainder of the pumping phase. Flow rate data were recorded on data sheets and are presented in Attachment F.

Weather conditions that affect the aquifer during the pumping phase were monitored by the field personnel. Rainfall was measured with a rain gauge at the site and barometric pressure was measured with a pressure transducer connected to one of the data loggers. During the test, 0.3 inch of rain fell at the site, from 17:18 hours to 17:41 hours on August 29. Barometric pressure ranged from 33.77 feet of water to 33.96 feet of water from August 29 through August 31, 1996.

As the pumping phase of the test was conducted, field personnel monitored water levels in the instrumented wells and uninstrumented drive points and staff gauges. The staff gauges/drive points were monitored to measure the effects of the pumping test on groundwater and Lake Druid. Manual water-level readings were compared with the transducer readings for verification as the test progressed. During the course of the pumping phase, field personnel noted that the transducer in OLD-13-10B failed and that the electronic readings from OLD-13-OW1 were erratic. Therefore, the frequency of manual readings from those wells was increased to compensate for these few equipment errors. Comparison of manual and electronic data after the test was completed indicate that, with the exception of wells OLD-13-10B, OLD-13-OW1, and OLD-13-12A, the monitoring system was functioning properly. The pumping phase data are included in Attachment G.

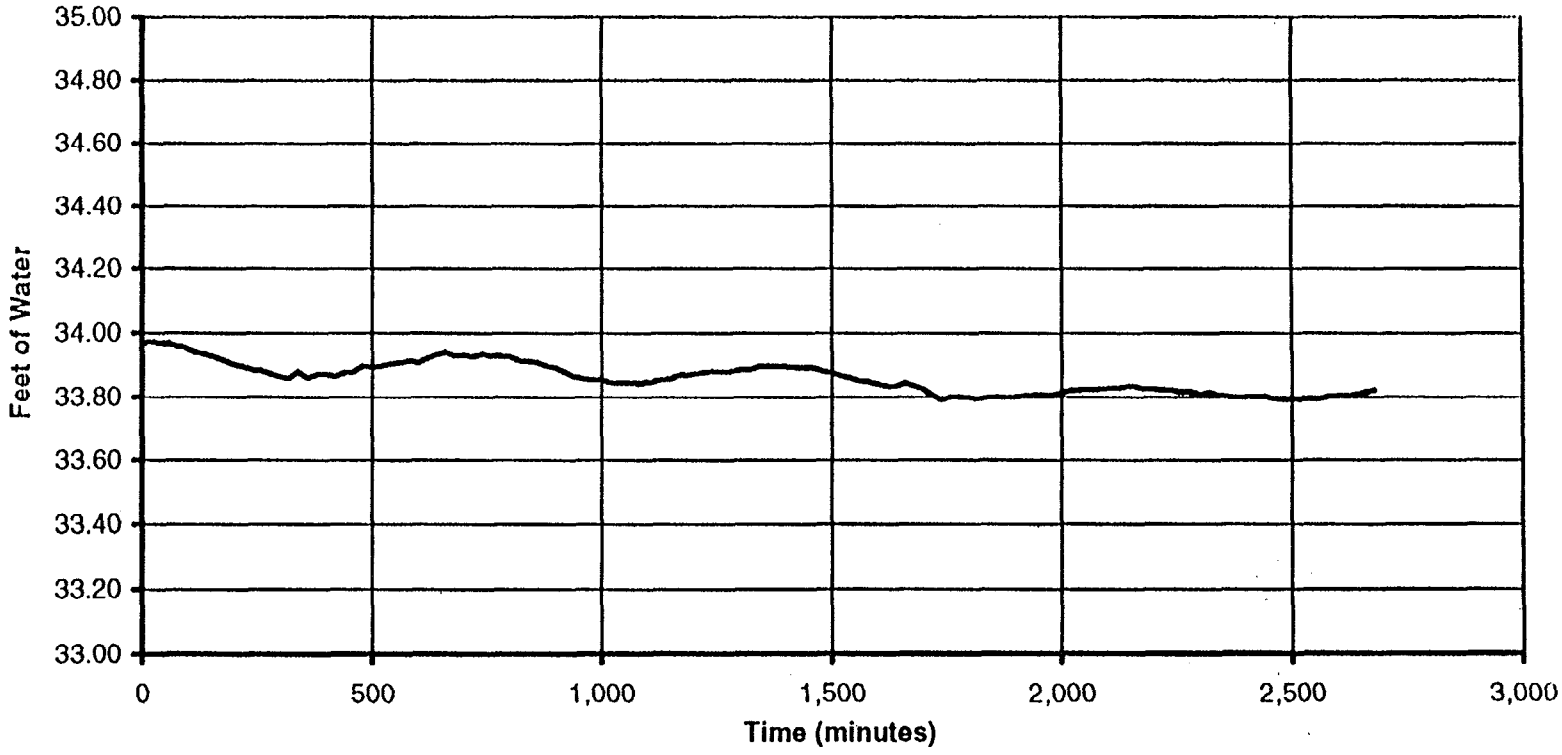
After the pumping phase was completed, the field personnel collected a final round of water levels. Recovery phase data were collected electronically until 09:00 hours on August 31, 1996. The recovery phase data are included in Attachment H.

DATA ANALYSIS

The ambient weather conditions did not have a significant effect on the aquifer during this pumping test. The barometric pressure showed little effect during the background monitoring phase and the pumping and recovery phases (Figure 5). The fluctuations within the aquifer are not indicative of a significant barometric influence. During the constant-rate pumping test, a single rainfall event occurred. The rain began 408 minutes after the start of the test and ended 23 minutes later (431 minutes elapsed time). Influence of the precipitation dissipated almost entirely within 30 minutes (Figure 6). The rain event is easily identified on the majority of the time-drawdown graphs (Figure 7).

As stated above, three of the transducers malfunctioned (OLD-13-OW1, OLD-13-10B, and OLD-13-12A). Therefore, some of the electronic data collected from these transducers could not be used in the final analysis. Manual water-level readings were substituted where the electronic data failed.

In order to arrive at an accurate coefficient of transmissivity (T) and storage coefficient (S), time-drawdown graphs were developed for the recovery, observation, and monitoring wells (Attachment I). These time-drawdown graphs show the drawdown in a particular well as time progresses along a logarithmic scale. These graphs show the classic slow-drainage curve, produced by delayed yield of the



NOTE:
OU = operable unit

FIGURE 5
BAROMETRIC PRESSURE DURING PUMPING AND RECOVERY PHASE

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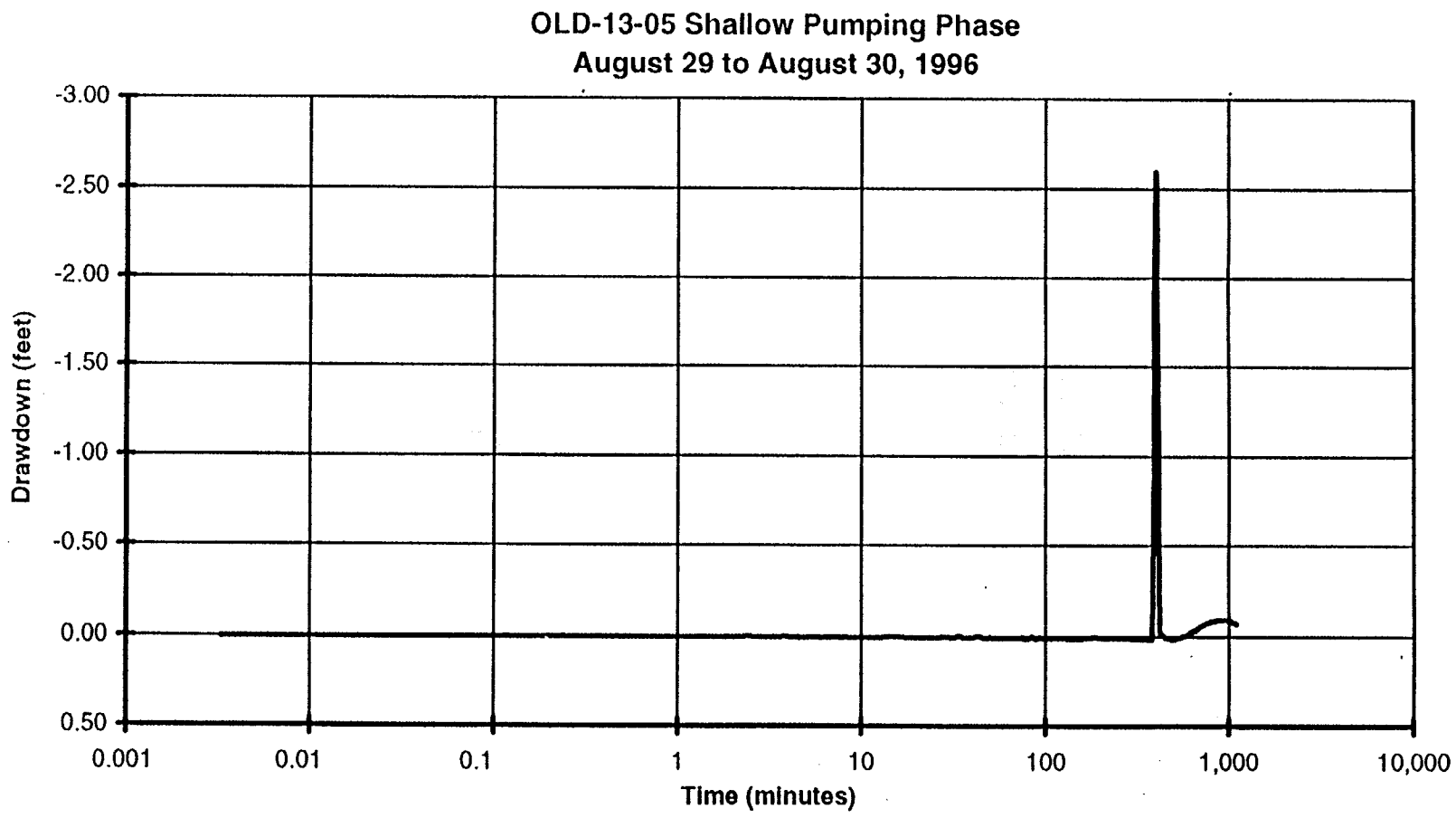

NOTE:
OU = operable unit

FIGURE 6
DISSIPATION OF THE RAIN IN A BACKGROUND WELL

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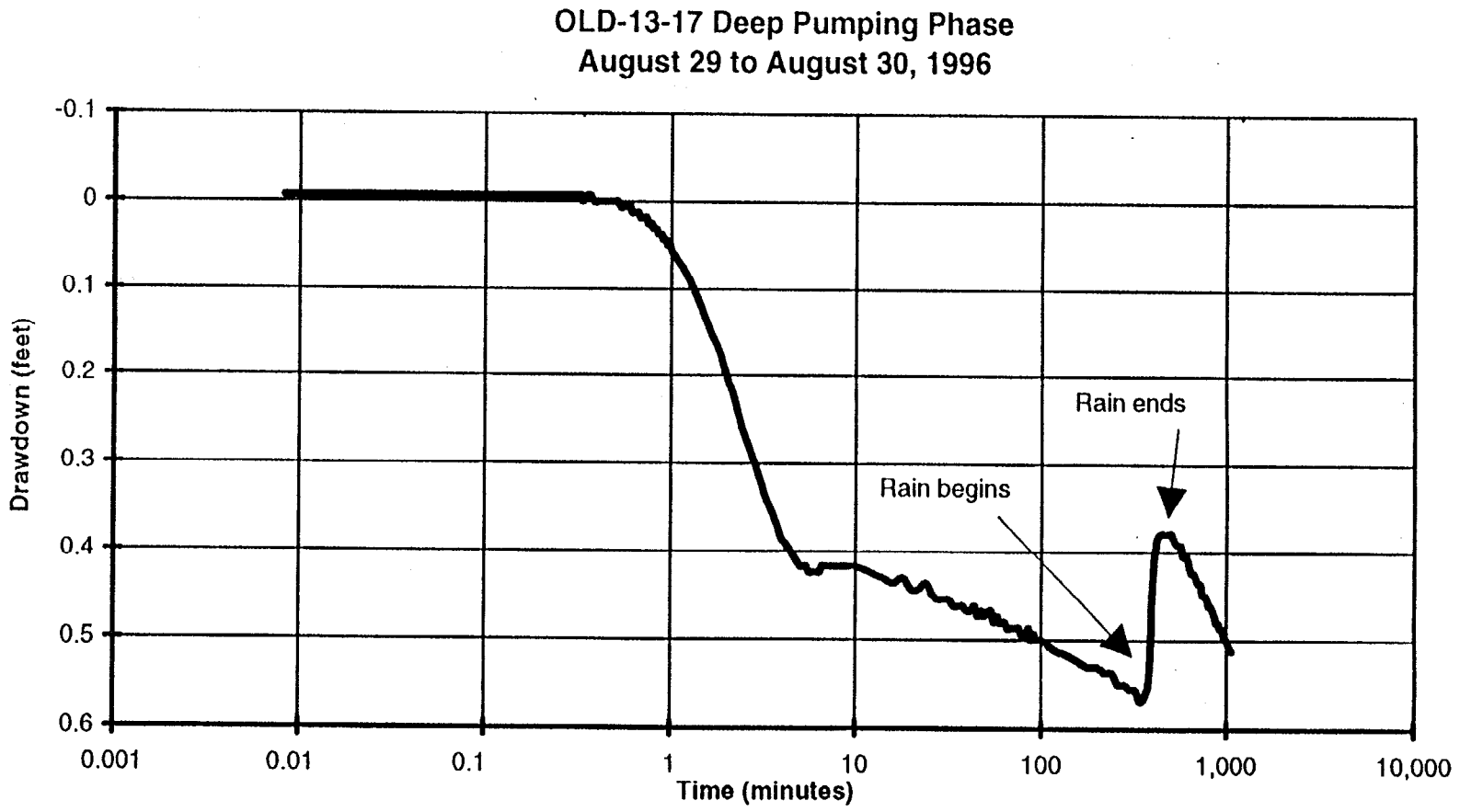

NOTE:
OU = operable unit

FIGURE 7
RAIN EVENT

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G:\USERS\DESIGN\8519-59\FIG7.XLS 102896MAW

fine-sand matrix. OLD-13-17C, a monitoring well in the deep surficial aquifer unit, represents the typical response to slow-drainage (Figure 8). The delayed yield effect discussed by Boulton (1963) diminishes as the distance from the pumping well increases. The middle portion of the graphs shows the delayed yield effect and cannot be used to calculate accurate T values because the downward-percolating water influences the drawdown. This causes a significant reduction in the rate of drawdown. By using the slope just before the delayed yield effect and just after the rain event, a T and S value can be calculated using the modified Theis equation.

In addition to time-drawdown graphs, distance-drawdown graphs were also developed for the recovery, observation, and monitoring wells (Attachment J). These plots show more consistent T and S values. The slow drainage has less of an effect on a plot of this nature, if a time is chosen outside of the delayed yield effect. Using the distance-drawdown approach allows all the associated wells responses to be looked at simultaneously. Because of the rain event and the delayed yield effect, greater confidence was placed in the distance-drawdown method of analysis. Early time data and external happenings have little effect on this form of analysis. Figure 9 has proven to be the most representative of the characteristics of the stressed aquifer. The T and S values derived from this graph will be used in future calculations.

As shown in Table 2, the data consistently shows greater response (larger drawdown) in the wells set in the deeper aquifer unit and the least response (least drawdown) in the wells set in the shallow aquifer unit (Table 2). This can be seen in the three clusters of wells, each cluster containing a well in the shallow unit, dense layer/intermediate unit, and the deep unit (OLD-13-09A, OLD-13-10B, and OLD-13-11C; OLD-13-12A, OLD-13-13B, and OLD-13-14C; OLD-13-15A, OLD-13-16B, and OLD-13-17C).

Table 2
Periodic Drawdown of Wells Associated with Pumping Test

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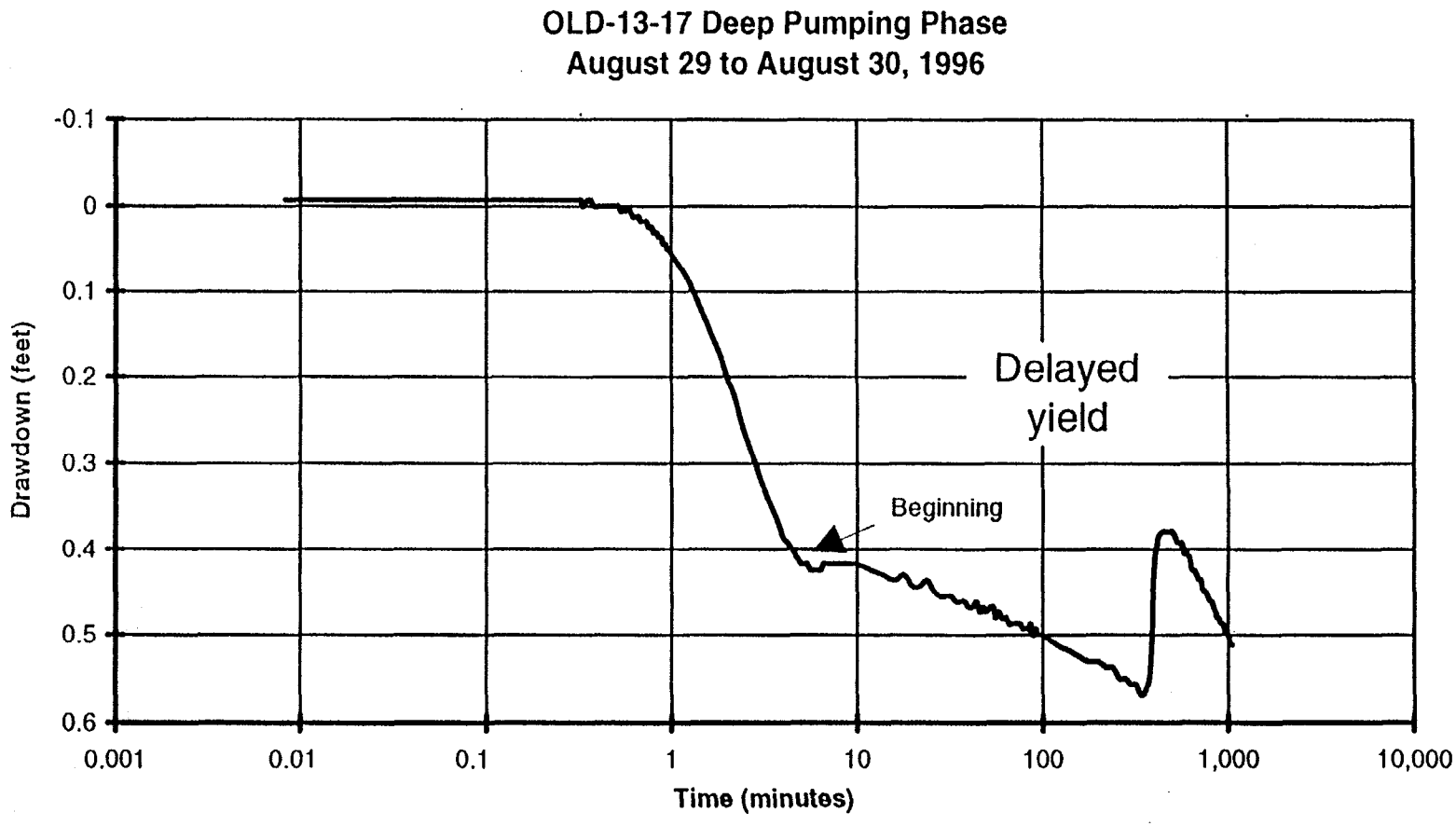
Naval Training Center
Orlando, Florida

Well Identification	Surficial Aquifer Unit	Drawdown (feet)	
		320 Minutes Elapsed Time	1,060 Minutes Elapsed Time
OLD-13-09A	Shallow	0.314	0.251
OLD-13-10B	Dense Layer/Intermediate	0.548	0.390
OLD-13-11C	Deep	0.629	0.582
OLD-13-12A	Shallow	0.527	0.442
OLD-13-13B	Dense Layer/Intermediate	1.018	0.967
OLD-13-14C	Deep	1.25	1.199
OLD-13-15A	Shallow	0.354	0.303
OLD-13-16B	Dense Layer/Intermediate	0.534	0.458
OLD-13-17C	Deep	0.556	0.512
OLD-13-05	Shallow	0.012	0
OLD-13-OW1	Intermediate	2.037	1.890
OLD-13-OW2	Intermediate	0.968	0.930
OLD-13-OW3	Intermediate	0.357	0.341
OLD-13-OW4	Intermediate	1.414	1.427
OLD-13-OW5	Intermediate	0.271	0.235
OLD-13-RW1	Intermediate/Deep	4.258	4.221



NOTE:
OU = operable unit

FIGURE 8
DELAYED YIELD

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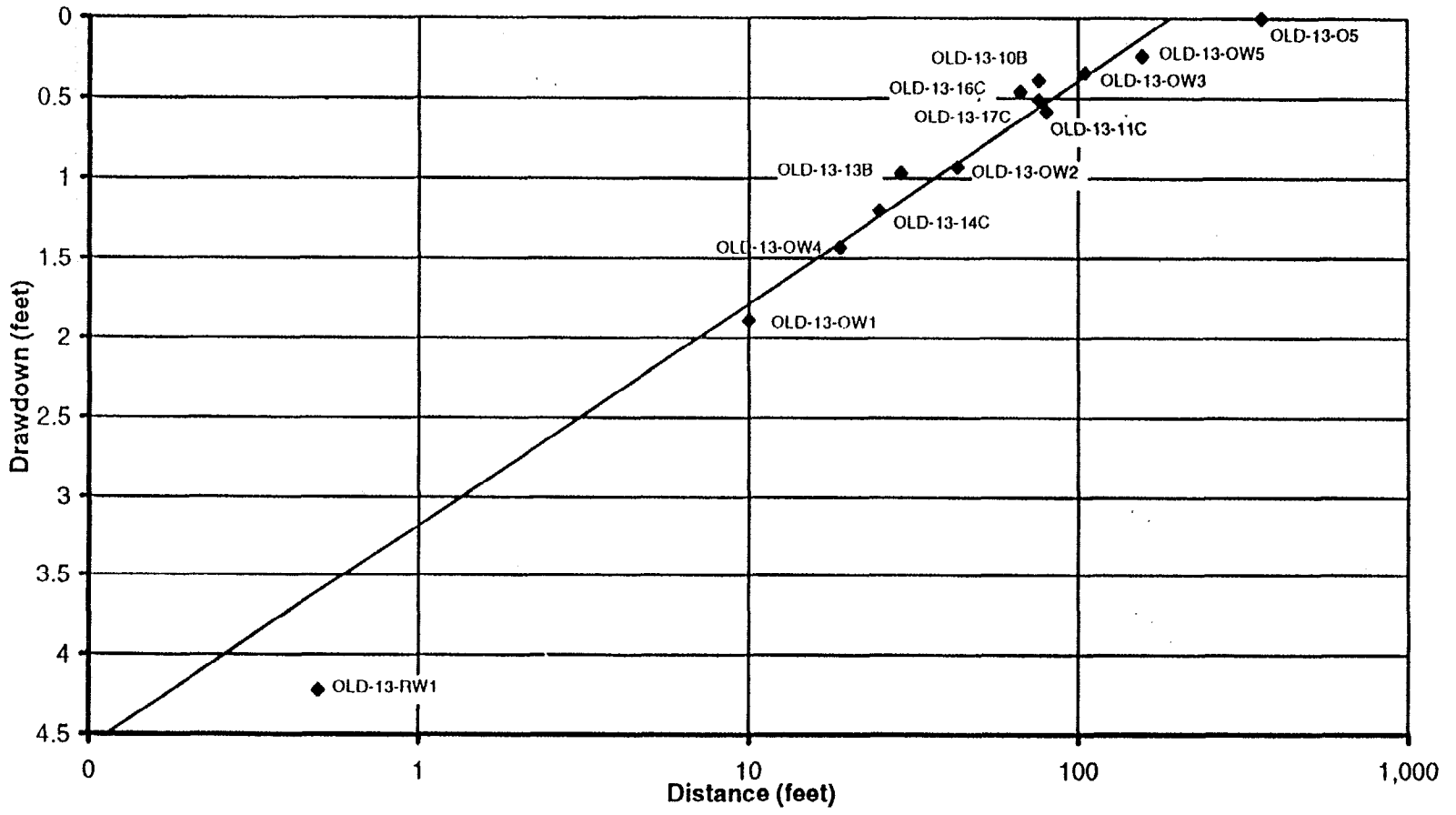

NOTE:
OU = operable unit

FIGURE 9
DISTANCE-DRAWDOWN AT 1060 MINUTES ELAPSED TIME

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The staff gauges/drive points showed the effects of pumping, but other than the rainfall recharge effect, there was no apparent recharge boundary effect observed in the monitoring wells during the limited duration of the constant-rate pumping test. The drawdown was similar in the downgradient wells and the upgradient wells, at similar distances.

The data collected after the pump was shut off (recovery phase) were also used to confirm the data acquired during the pumping phase. Selected residual drawdown versus ratio t/t' produced comparable values for T (Figure 10).

CONCLUSIONS

The purpose of this study was to support future remedial feasibility studies by providing characteristic aquifer parameters and by refining the site conceptual model. Analysis of the pumping test data has produced these aquifer parameter values:

- coefficient of transmissivity (T) equals 1.96×10^3 square feet per day,
- hydraulic conductivity (K) equals 32.69 feet per day, and
- storage coefficient (S) equals 0.13.

Previous subsurface investigations encountered a distinct dense sand horizon throughout most of the site. The effect of this unit on the site hydrogeology was a consideration for analysis of the pumping test data. Aquifer response during the pumping test suggests that the dense layer may delay groundwater migration from the upper few feet of the surficial aquifer, but does not act as a hydraulic barrier. Although the geology is relatively uniform in composition (fine-grained sand), the data presented in Table 2 show that as depth increases, permeability decreases. Photographs of the site are in Appendix K.

If there are any questions or comments concerning this information, or should any additional information become available for this site that would affect this recommendation, please contact ABB-ES.

Very Truly Yours,

John P. Kaiser	Kurt Sichelstiel, P.G.	Harlan Faircloth
Installation Manager	Technical Controller	Engineer
Orlando	Knoxville	Orlando

cc: Wayne Hansel, Code 18B7, Southern Division, Naval Facilities Engineering Command
Mike Maughon, Code 1882, Southern Division, Naval Facilities Engineering Command
John Mitchell, Florida Department of Environmental Protection
Mac McNeil, Bechtel
Nancy Rodriguez, U.S. Environmental Protection Agency
Lt. G. Whipple, NTC, Orlando
Dr. Willard Murray, ABB Environmental Services, Inc.
Mark Salvetti, ABB Environmental Services, Inc.

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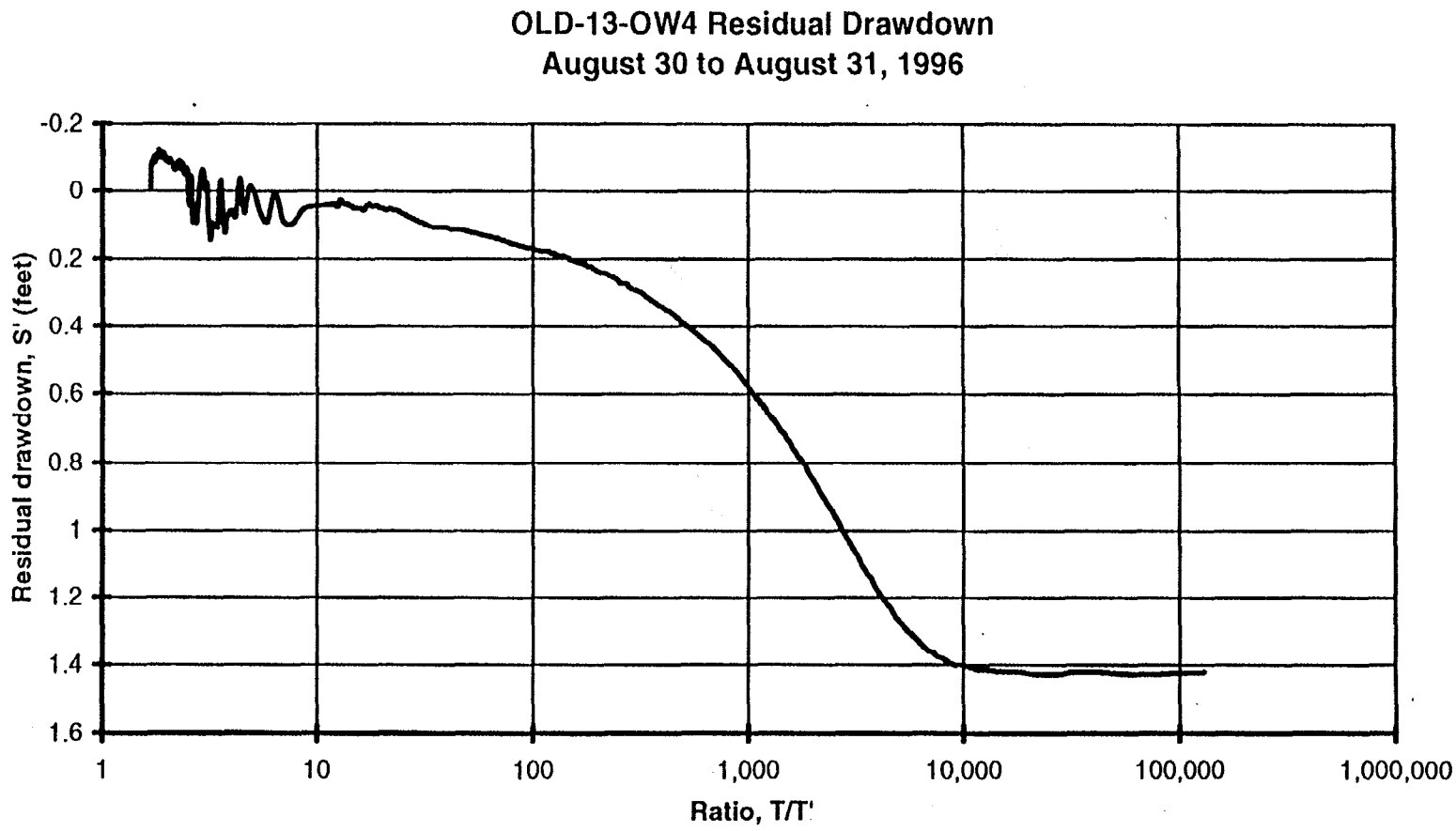

NOTE:
OU = operable unit

FIGURE 10
RESIDUAL DRAWDOWN VERSUS RATIO T/T'

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ATTACHMENT A

WELL CONSTRUCTION DIAGRAMS

WELL INSTALLATION DIAGRAM

PROJECT: OU4 IRA

PROJECT No.: 8519 59

ELEVATION:

FIELD GEOLOGIST: John Nash

SITE NAME: Area C

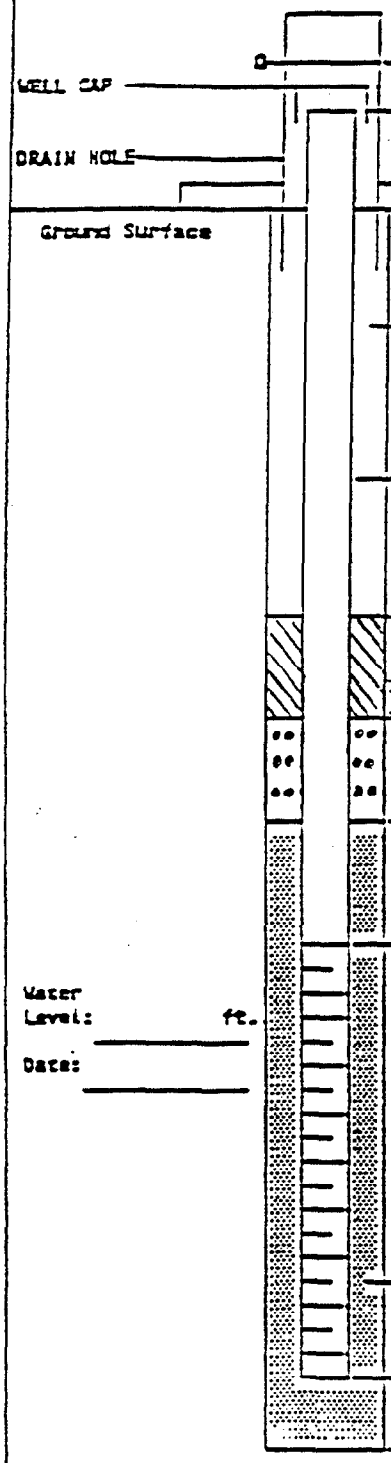
DATE INSTALLED: 8/21/96

DRILLING METHOD: Cable Tool

AUGER SIZE: 12" Ø Casing

Site: NTC Orlando

Well ID: OU13-R



ELEVATION OF TOP OF PROTECTIVE CASING: —

ELEVATION OF TOP OF WELL RISER: 5'

GRAVEL PAD

OUTSIDE DIAMETER OF SURFACE CASING: —

TYPE OF BACKFILL: Grout / 96% Type I Portland Cement 4% Bentonite Gel

BOREHOLE DIAMETER: 12"

WELL RISER ID: 5"

TYPE OF RISER: Stainless Steel

DEPTH TO TOP OF FINE SAND: 10.5' bls

TYPE OF FINE SAND: 30/65 Standard Sand

DEPTH TO TOP OF BENTONITE SEAL: 12.5' bls

TYPE OF SEAL: Bentonite Pellets

DEPTH TO TOP OF SAND PACK: 14.5' bls

DEPTH TO TOP OF WELL SCREEN: 20' bls

TYPE OF WELL SCREEN: Stainless Steel Continuous Wire-Wrapp

WELL SCREEN ID: 5'

WELL SCREEN SLOT SIZE: 0.030"

LENGTH OF WELL SCREEN: 40'

TYPE OF SAND PACK: 6/20 Standard Sand

DEPTH TO BOTTOM OF WELL SCREEN: 60' bls

DEPTH OF BOREHOLE: 65' bls

LENGTH OF SUMP: 5'

WELL INSTALLATION DIAGRAM

Site: NTC Orlando

PROJECT: OU4 IRA

SITE NAME: Area C

Well ID: OW-1

PROJECT No.: 8514.59

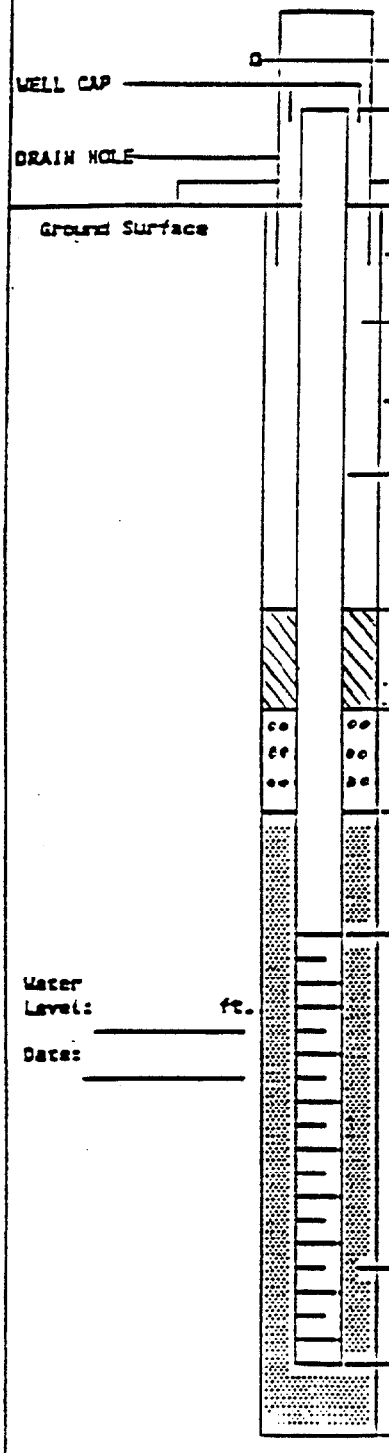
DATE INSTALLED: 8/8/96

ELEVATION:

DRILLING METHOD: HSA

FIELD GEOLOGIST: John Nash

AUGER SIZE: 6.25" ID



ELEVATION OF TOP OF PROTECTIVE CASING: —

ELEVATION OF TOP OF WELL RISER: 2.5'

GRAVEL PAD

OUTSIDE DIAMETER OF SURFACE CASING: —

TYPE OF BACKFILL: Grout/96% Type I Portland Cement 4% Bentonite Gel

BOREHOLE DIAMETER: 10"

WELL RISER ID: 2"

TYPE OF RISER: SCH 40 PVC

DEPTH TO TOP OF FINE SAND: 24' b/s

TYPE OF FINE SAND: 30/65 Standard Sand

DEPTH TO TOP OF BENTONITE SEAL: 26' b/s

TYPE OF SEAL: Bentonite Pellets

DEPTH TO TOP OF SAND PACK: 28' b/s

DEPTH TO TOP OF WELL SCREEN: 30' b/s

TYPE OF WELL SCREEN: SCH 40 PVC

WELL SCREEN ID: 2"

WELL SCREEN SLOT SIZE: 0.020"

LENGTH OF WELL SCREEN: 5'

TYPE OF SAND PACK: 20/30 Standard Sand

DEPTH TO BOTTOM OF WELL SCREEN: 35' b/s

DEPTH OF BOREHOLE: 35' b/s

WELL INSTALLATION DIAGRAM

PROJECT: OU4 IRA

PROJECT No.: 8519 59

ELEVATION:

FIELD GEOLOGIST: John Nosl

SITE NAME: Area C

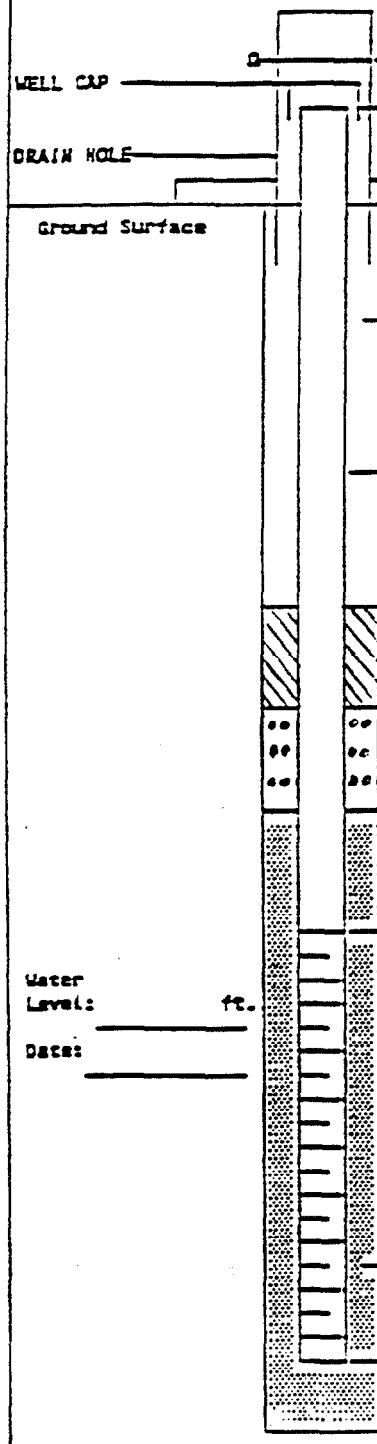
DATE INSTALLED: 8/7/96

DRILLING METHOD: HSA

AUGER SIZE: 6.25" ID

SITE: NTC Orlando

Well ID: OW-2



ELEVATION OF TOP OF PROTECTIVE CASING: —

ELEVATION OF TOP OF WELL RISER: 2.5'

GRAVEL PAD

OUTSIDE DIAMETER OF SURFACE CASING: —

TYPE OF BACKFILL: Grout/96% Type I Portland Cement 4% Bentonite Gel

BOREHOLE DIAMETER: 10"

WELL RISER ID: 2"

TYPE OF RISER: SCH 40 PVC

DEPTH TO TOP OF FINE SAND: 24.5' bls

TYPE OF FINE SAND: 30/65 Standard Sand

DEPTH TO TOP OF BENTONITE SEAL: 26' bls

TYPE OF SEAL: Bentonite Pellets

DEPTH TO TOP OF SAND PACK: 28' bls

DEPTH TO TOP OF WELL SCREEN: 30' bls

TYPE OF WELL SCREEN: SCH 40 PVC

WELL SCREEN ID: 2"

WELL SCREEN SLOT SIZE: 0.020"

LENGTH OF WELL SCREEN: 5'

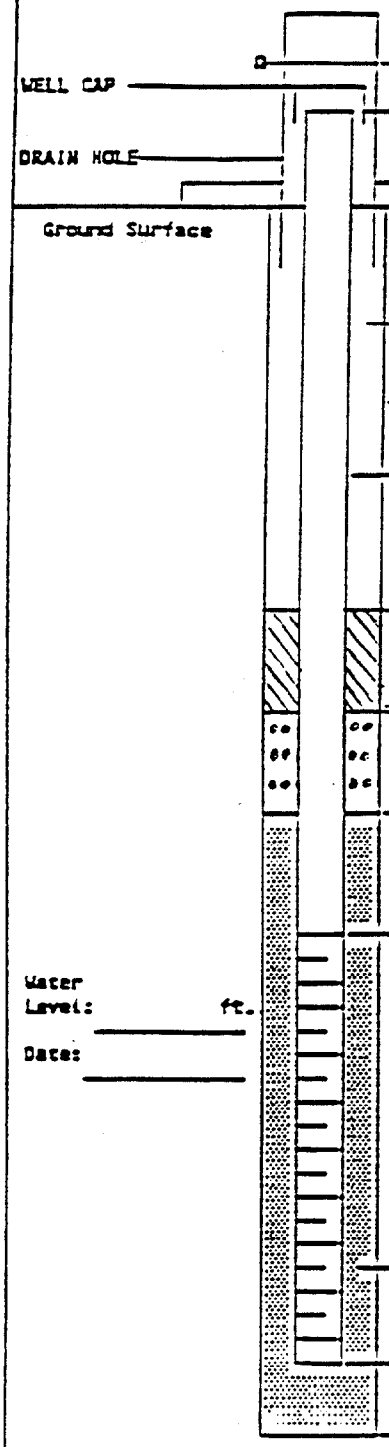
TYPE OF SAND PACK: 20/30 Standard Sand

DEPTH TO BOTTOM OF WELL SCREEN: 35' bls

DEPTH OF BOREHOLE: 35' bls

WELL INSTALLATION DIAGRAM

PROJECT: OU4 IRA
SITE NAME: Area C
Site: NTC Orlando
PROJECT No.: 8519.59
DATE INSTALLED: 8/7/96
Well ID: OW-3
ELEVATION:
DRILLING METHOD: HSA
FIELD GEOLOGIST: John Nash
AUGER SIZE: 6.25" ID



ELEVATION OF TOP OF PROTECTIVE CASING: —
ELEVATION OF TOP OF WELL RISER: 2.5'
GRAVEL PAD
OUTSIDE DIAMETER OF SURFACE CASING: —
TYPE OF BACKFILL: Grout/96% Type I Portland Cement 4% Bentonite Gel
BOREHOLE DIAMETER: 10"
WELL RISER ID: 2"
TYPE OF RISER: SCH 40 PVC
DEPTH TO TOP OF FINE SAND: 22.5' b/s
TYPE OF FINE SAND: 30/65 Standard Sand
DEPTH TO TOP OF BENTONITE SEAL: 24.5' b/s
TYPE OF SEAL: Bentonite Pellets
DEPTH TO TOP OF SAND PACK: 26.5' b/s
DEPTH TO TOP OF WELL SCREEN: 29' b/s
TYPE OF WELL SCREEN: SCH 40 PVC
WELL SCREEN ID: 2"
WELL SCREEN SLOT SIZE: 0.020"
LENGTH OF WELL SCREEN: 5'
TYPE OF SAND PACK: 20/30 Standard Sand
DEPTH TO BOTTOM OF WELL SCREEN: 34' b/s
DEPTH OF BOREHOLE: 34' b/s

WELL INSTALLATION DIAGRAM

PROJECT: OU4 IRA

PROJECT No.: 851959

ELEVATION:

FIELD GEOLOGIST: John Nash

SITE NAME: Area C

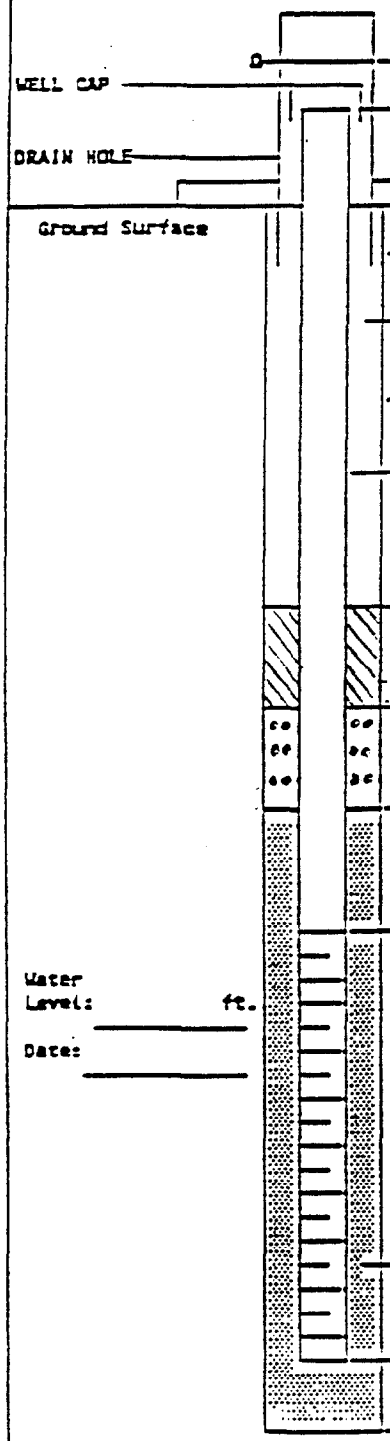
DATE INSTALLED: 8/8/96

DRILLING METHOD: HSA

AUGER SIZE: 6.25" ID

Site: NTC Orlando

Well ID: OW-4



ELEVATION OF TOP OF PROTECTIVE CASING: —

ELEVATION OF TOP OF WELL RISER: 2.5'

GRAVEL PAD

OUTSIDE DIAMETER OF SURFACE CASING: —

TYPE OF BACKFILL: Grout/96% Type I Portland Cement 4% Bentonite Gel

BOREHOLE DIAMETER: 10"

WELL RISER ID: 2"

TYPE OF RISER: SCH 40 PVC

DEPTH TO TOP OF FINE SAND: 24' bls

TYPE OF FINE SAND: 30/65 Standard Sand

DEPTH TO TOP OF BENTONITE SEAL: 26' bls

TYPE OF SEAL: Bentonite Pellets

DEPTH TO TOP OF SAND PACK: 28' bls

DEPTH TO TOP OF WELL SCREEN: 30' bls

TYPE OF WELL SCREEN: SCH 40 PVC

WELL SCREEN ID: 2"

WELL SCREEN SLOT SIZE: 0.020"

LENGTH OF WELL SCREEN: 5'

TYPE OF SAND PACK: 20/30 Standard Sand

DEPTH TO BOTTOM OF WELL SCREEN: 35' bls

DEPTH OF BOREHOLE: 35' bls

WELL INSTALLATION DIAGRAM

PROJECT: OU 4 IRA

PROJECT No.: 8519.59

ELEVATION:

FIELD GEOLOGIST: John Nash

SITE NAME: Area C

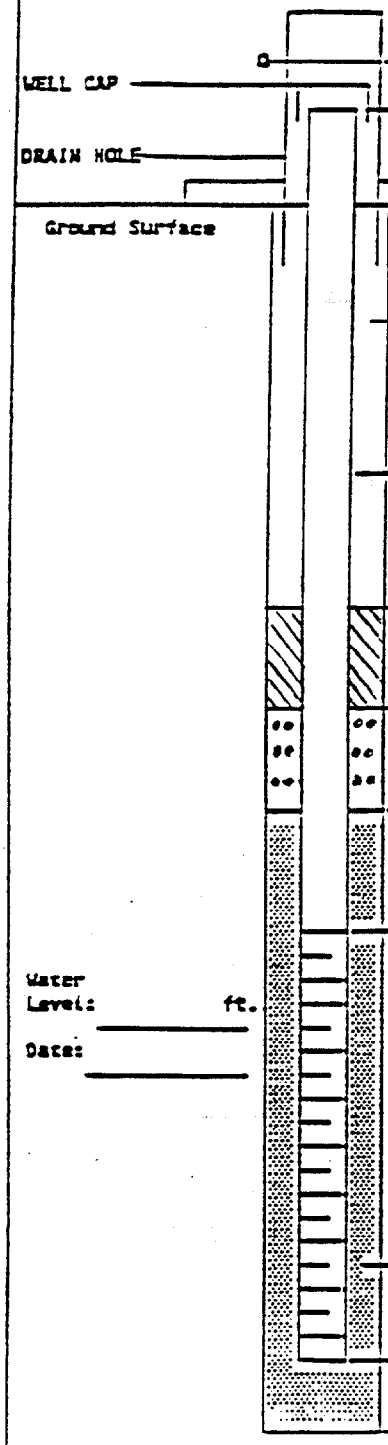
DATE INSTALLED: 8/8/96

DRILLING METHOD: HSA

AUGER SIZE: 6.25" ID

Site: NTC Orlando

Well ID: OW-



ELEVATION OF TOP OF PROTECTIVE CASING: —

ELEVATION OF TOP OF WELL RISER: 2.5'

GRAVEL PAD

OUTSIDE DIAMETER OF SURFACE CASING: —

TYPE OF BACKFILL: Grout/96% Type I Portland Cement 4% Bentonite Gel

BOREHOLE DIAMETER: 10"

WELL RISER ID: 2"

TYPE OF RISER: SCH 40 PVC

DEPTH TO TOP OF FINE SAND: 24' bls

TYPE OF FINE SAND: 30/65 Standard Sand

DEPTH TO TOP OF BENTONITE SEAL: 25.5' bls

TYPE OF SEAL: Bentonite Pellets

DEPTH TO TOP OF SAND PACK: 27' bls

DEPTH TO TOP OF WELL SCREEN: 30' bls

TYPE OF WELL SCREEN: SCH 40 PVC

WELL SCREEN ID: 2"

WELL SCREEN SLOT SIZE: 0.020"

LENGTH OF WELL SCREEN: 5'

TYPE OF SAND PACK: 20/30 Standard Sand

DEPTH TO BOTTOM OF WELL SCREEN: 35' bls

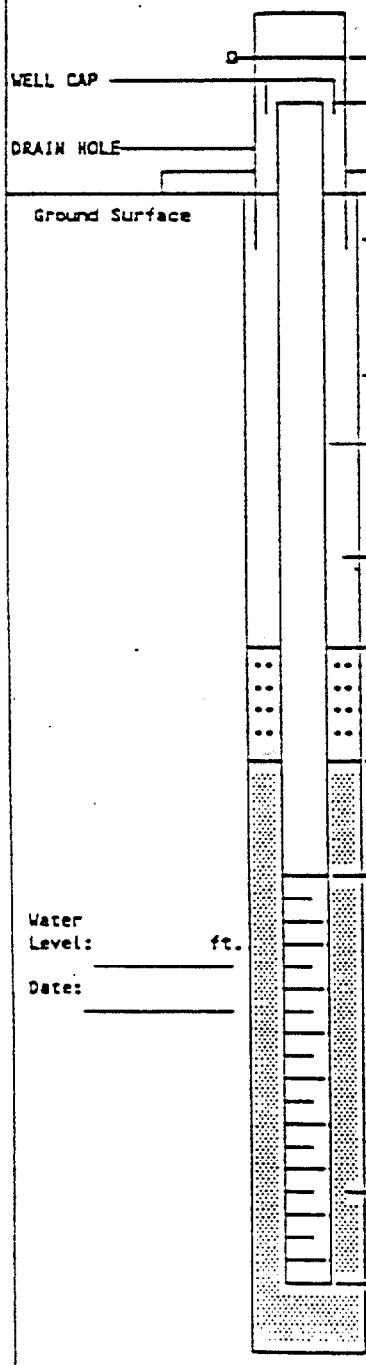
DEPTH OF BOREHOLE: 35' bls

WELL INSTALLATION DIAGRAM

PROJECT: OU 4 IRA
PROJECT No.: 8519.70
ELEVATION:
FIELD GEOLOGIST: John Nash

SITE NAME: Area C
DATE INSTALLED: 5/31/96
DRILLING METHOD: Hollow Stem Auger
AUGER SIZE: 8" OD

Site: NTC Orlando
Well ID: OLD-13-09



ELEVATION OF TOP OF PROTECTIVE CASING: 3'

ELEVATION OF TOP OF WELL RISER: 2.5'

GRAVEL PAD

OUTSIDE DIAMETER OF SURFACE CASING: —

BOREHOLE DIAMETER: 8"

WELL RISER ID: 2"

TYPE OF RISER: 2" Stainless Steel

TYPE OF BACKFILL: Grout / 96% Type I Portland Cement 4% Bentonite Gel

DEPTH TO TOP OF SEAL: 0' bls

TPYE OF SEAL: Bentonite pellets

DEPTH TO TOP OF SAND PACK: 0.5' bls

DEPTH TO TOP OF WELL SCREEN: 1' bls

TYPE OF WELL SCREEN: 2" Stainless Steel

WELL SCREEN ID: 2"

WELL SCREEN SLOT SIZE: 10

LENGTH OF WELL SCREEN: 10'

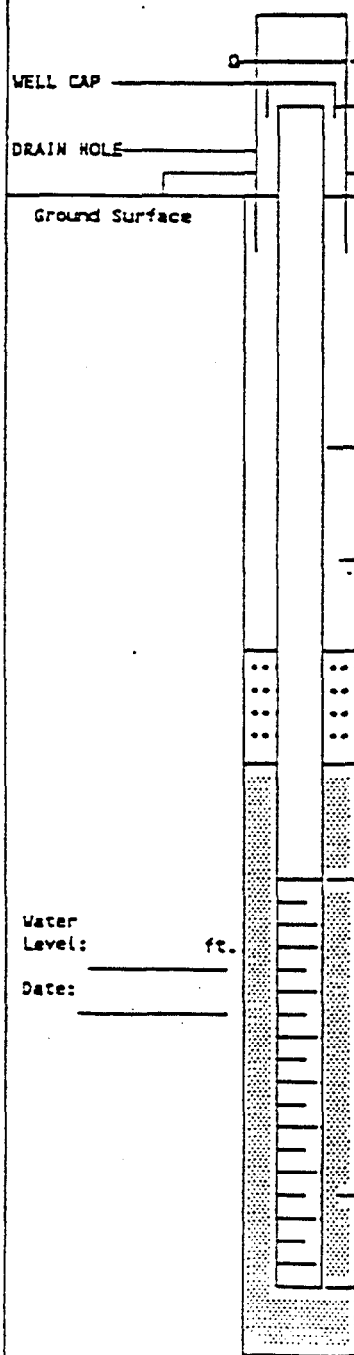
TYPE OF SAND PACK: 20/30 Foster Dixiana Filter Sand

DEPTH TO BOTTOM OF WELL SCREEN: 11' bls

DEPTH OF BOREHOLE: 12' bls

WELL INSTALLATION DIAGRAM

PROJECT: OU 4 IRA
SITE NAME: Area C
Site: NTC Orlando
PROJECT No.: 8519.70
DATE INSTALLED: 6/2/96
Well ID: OLD-13-10
ELEVATION:
DRILLING METHOD: Mud Rotary
FIELD GEOLOGIST: John Nash
AUGER SIZE: 6"



ELEVATION OF TOP OF PROTECTIVE CASING: 3'

ELEVATION OF TOP OF WELL RISER: 2.5'

GRAVEL PAD

OUTSIDE DIAMETER OF SURFACE CASING: 8"

BOREHOLE DIAMETER: 6"

WELL RISER ID: 2"

TYPE OF RISER : 2" Stainless Steel

TYPE OF BACKFILL: Grout / 96% Type I Portland Cement 4% Bentonite Gel

DEPTH TO TOP OF SEAL: 12' bls

TYPE OF SEAL: Bentonite pellets

DEPTH TO TOP OF SAND PACK: 15' bls

DEPTH TO BOTTOM OF SURFACE CASING: 15' bls

DEPTH TO TOP OF WELL SCREEN: 16' bls

TYPE OF WELL SCREEN: 2" Stainless Steel

WELL SCREEN ID: 2"

WELL SCREEN SLOT SIZE: 10

LENGTH OF WELL SCREEN: 5'

TYPE OF SAND PACK: 20/30 Foster Dixiana Filter Sand

DEPTH TO BOTTOM OF WELL SCREEN: 21' bls

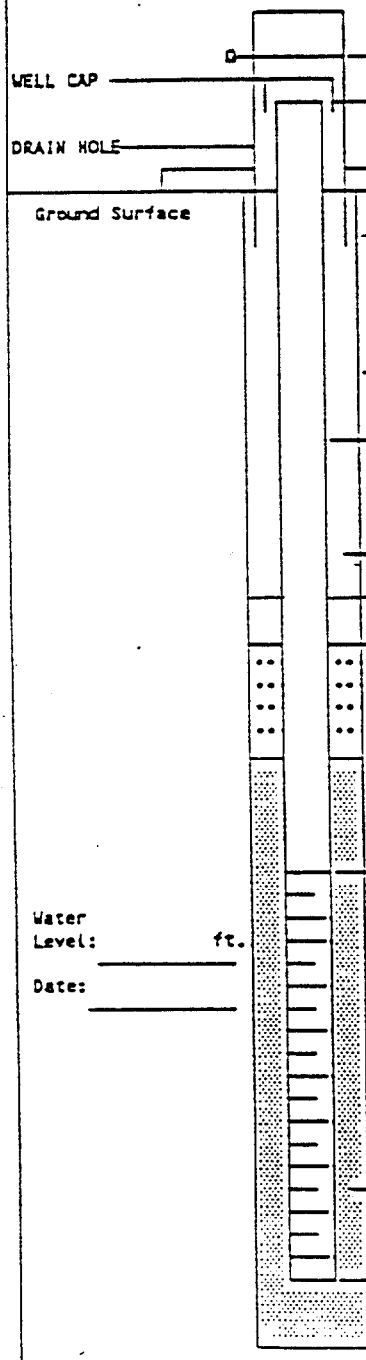
DEPTH OF BOREHOLE: 21' bls

WELL INSTALLATION DIAGRAM

PROJECT: OU 4 IRA
PROJECT No.: 8519.70
ELEVATION:
FIELD GEOLOGIST: John Nash

SITE NAME: Area C
DATE INSTALLED: 6/2/96
DRILLING METHOD: Mud Rotary
AUGER SIZE: 6"

Site: NTC Orlando
Well ID: OLD-13-11



ELEVATION OF TOP OF PROTECTIVE CASING: 3'

ELEVATION OF TOP OF WELL RISER: 2.5'

GRAVEL PAD

OUTSIDE DIAMETER OF SURFACE CASING: 8"

BOREHOLE DIAMETER: 6"

WELL RISER ID: 2"

TYPE OF RISER : 2" Stainless Steel

TYPE OF BACKFILL: 96% Type I Portland Cement Grout - 4% Bentonite Gel

DEPTH TO BOTTOM OF SURFACE CASING: 35.5' bls

DEPTH TO TOP OF SEAL: 52' bls

TPYE OF SEAL: Bentonite pellets

DEPTH TO TOP OF SAND PACK: 55' bls

DEPTH TO TOP OF WELL SCREEN: 57' bls

TYPE OF WELL SCREEN: 2" Stainless Steel

WELL SCREEN ID: 2"

WELL SCREEN SLOT SIZE: 10

LENGTH OF WELL SCREEN: 5'

TYPE OF SAND PACK: 20/30 Foster Dixiana Filter Sand

DEPTH TO BOTTOM OF WELL SCREEN: 62' bls

DEPTH OF BOREHOLE: 62' bls

WELL INSTALLATION DIAGRAM

PROJECT: OU4 IRA

PROJECT No.: 8519.20

ELEVATION:

FIELD GEOLOGIST: John Nash

SITE NAME: Area C

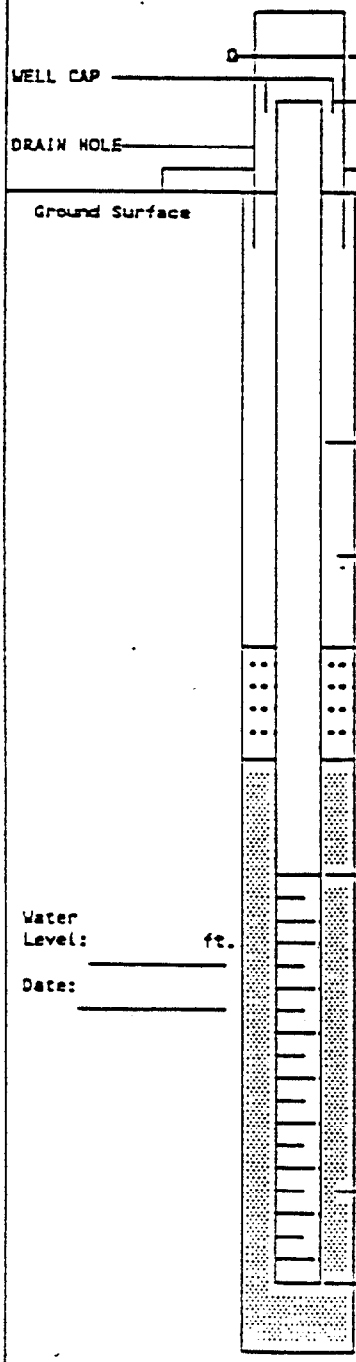
DATE INSTALLED: 6/4/96

DRILLING METHOD: Hollow Stem Auger

AUGER SIZE: 8" O.D.

Site: NTC Orlando

Well ID: OLD-13-12



ELEVATION OF TOP OF PROTECTIVE CASING: 3'

ELEVATION OF TOP OF WELL RISER: 2.5'

GRAVEL PAD

OUTSIDE DIAMETER OF SURFACE CASING: —

BOREHOLE DIAMETER: 8"

WELL RISER ID: 2"

TYPE OF RISER: Stainless Steel

TYPE OF BACKFILL: Grout / 96% Type I Portland Cement 4% Bentonite Gel

DEPTH TO TOP OF SEAL: 0' bls

TPYE OF SEAL: Bentonite pellets

DEPTH TO TOP OF SAND PACK: 1' bls.

DEPTH TO TOP OF WELL SCREEN: 1.5' bls

TYPE OF WELL SCREEN: Stainless Steel

WELL SCREEN ID: 2"

WELL SCREEN SLOT SIZE: 10

LENGTH OF WELL SCREEN: 10'

TYPE OF SAND PACK: 20/30 Foster Dixiana Filter Sand

DEPTH TO BOTTOM OF WELL SCREEN: 11.5' bls

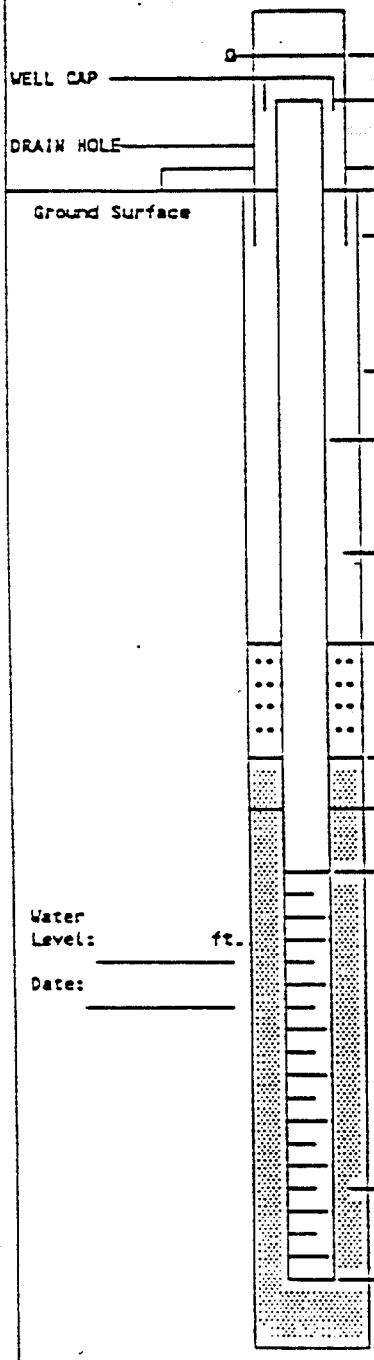
DEPTH OF BOREHOLE: 11.5' bls

WELL INSTALLATION DIAGRAM

PROJECT: OU 4 IRA
PROJECT No.: 8519.70
ELEVATION:
FIELD GEOLOGIST: John Nash

SITE NAME: Area C
DATE INSTALLED: 6/4/96
DRILLING METHOD: Mud Rotary
AUGER SIZE: 6"

Site: NTC Orlando
Well ID: OLD-13-13



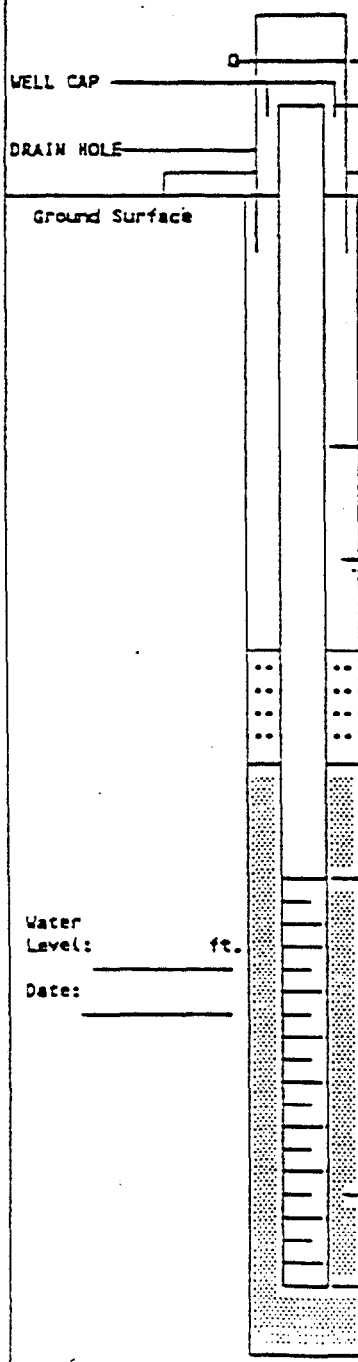
ELEVATION OF TOP OF PROTECTIVE CASING: 3'
ELEVATION OF TOP OF WELL RISER: 2.5'
GRAVEL PAD
OUTSIDE DIAMETER OF SURFACE CASING: 8"
BOREHOLE DIAMETER: 6"
WELL RISER ID: 2"
TYPE OF RISER : Stainless Steel
TYPE OF BACKFILL: Grout / 96% Type I Portland Cement 4% Bentonite Gel
DEPTH TO TOP OF SEAL: 10' bls
TPYE OF SEAL: Bentonite pellets
DEPTH TO TOP OF SAND PACK: 14' bls
DEPTH TO BOTTOM OF SURFACE CASING: 15.5' bls
DEPTH TO TOP OF WELL SCREEN: 16' bls
TYPE OF WELL SCREEN: Stainless Steel
WELL SCREEN ID: 2"
WELL SCREEN SLOT SIZE: 10
LENGTH OF WELL SCREEN: 5'
TYPE OF SAND PACK: 20/30 Foster Dickens Filter Sand
DEPTH TO BOTTOM OF WELL SCREEN: 21' bls
DEPTH OF BOREHOLE: 21' bls

WELL INSTALLATION DIAGRAM

PROJECT: OU4 IRA
PROJECT No.: 8519.20
ELEVATION:
FIELD GEOLOGIST: John Nash

SITE NAME: Area C
DATE INSTALLED: 6/4/96
DRILLING METHOD: Mud Rotary
AUGER SIZE: 6"

Site: NTC Orlando
Well ID: OLD-13-14



ELEVATION OF TOP OF PROTECTIVE CASING: 3'

ELEVATION OF TOP OF WELL RISER: 2.5'

GRAVEL PAD

OUTSIDE DIAMETER OF SURFACE CASING: 8"

BOREHOLE DIAMETER: 6"

WELL RISER ID: 2"

TYPE OF RISER: Stainless Steel

TYPE OF BACKFILL: Grout / 96% Type I Portland Cement 4% Bentonite Gel

DEPTH TO BOTTOM OF SURFACE CASING: 45' bls

DEPTH TO TOP OF SEAL: 53' bls

TPYE OF SEAL: Bentonite pellets

DEPTH TO TOP OF SAND PACK: 55' bls

DEPTH TO TOP OF WELL SCREEN: 57' bls

TYPE OF WELL SCREEN: Stainless Steel

WELL SCREEN ID: 2"

WELL SCREEN SLOT SIZE: 10

LENGTH OF WELL SCREEN: 5'

TYPE OF SAND PACK: 20/30 Foster Dickson Filter Sand

DEPTH TO BOTTOM OF WELL SCREEN: 62' bls

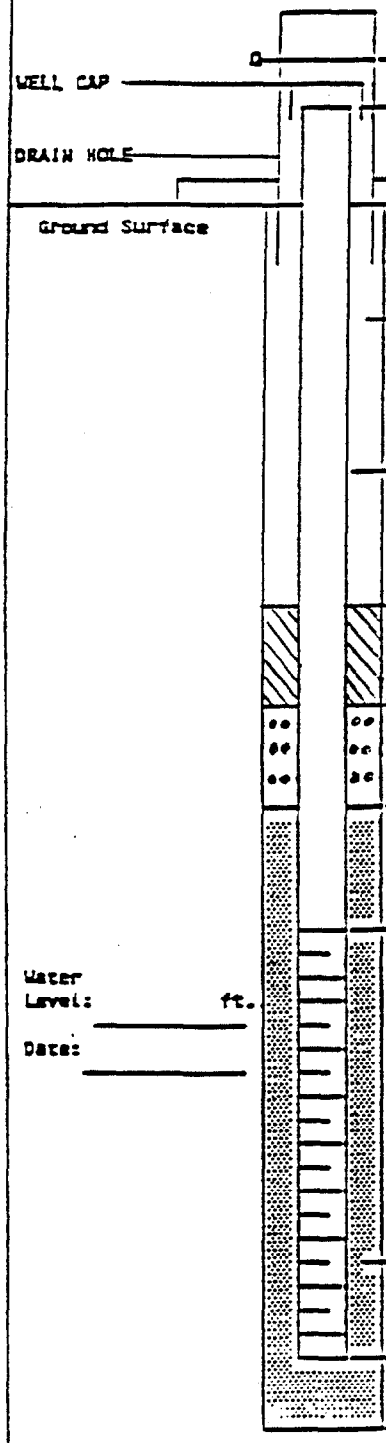
DEPTH OF BOREHOLE: 62' bls

WELL INSTALLATION DIAGRAM

PROJECT: OU4 IRA
PROJECT No.: 8519.59
ELEVATION:
FIELD GEOLOGIST: John Nash

SITE NAME: Area C
DATE INSTALLED: 3/8/96
DRILLING METHOD: HSA
AUGER SIZE: 6.25" ID

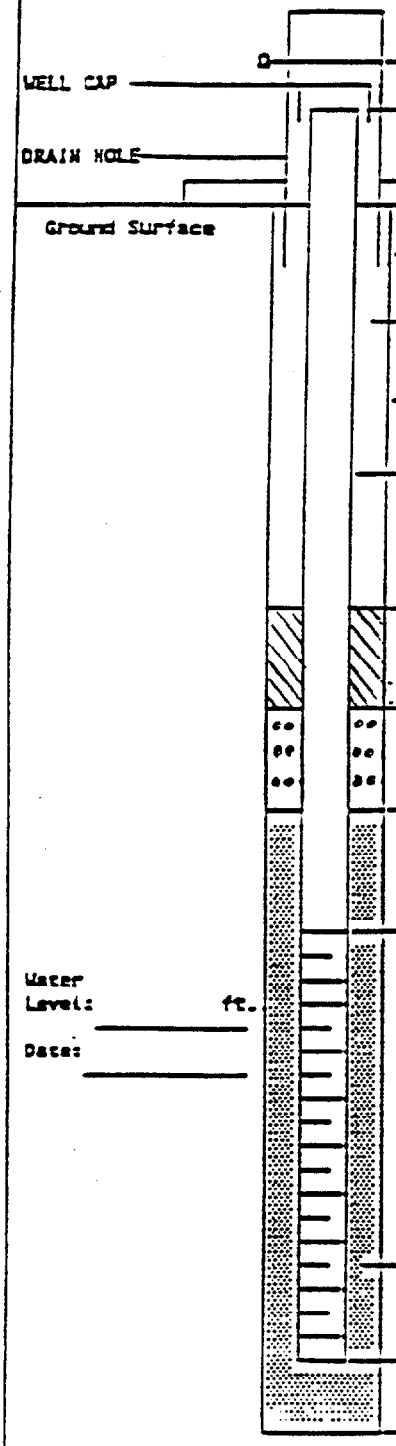
Site: NTC Orlando
Well ID: OU2-13-15



ELEVATION OF TOP OF PROTECTIVE CASING: 3'
ELEVATION OF TOP OF WELL RISER: 2.5'
GRAVEL PAD
OUTSIDE DIAMETER OF SURFACE CASING: —
TYPE OF BACKFILL: Grout/96% Type I Portland Cement 4% Bentonite Gel
BOREHOLE DIAMETER: 10"
WELL RISER ID: 2"
TYPE OF RISER: Type 304 Stainless Steel SCH 10S
DEPTH TO TOP OF FINE SAND: —
TYPE OF FINE SAND: —
DEPTH TO TOP OF BENTONITE SEAL: 0' bls
TYPE OF SEAL: Bentonite Pellets
DEPTH TO TOP OF SAND PACK: 1.5' bls
DEPTH TO TOP OF WELL SCREEN: 2.5' bls
TYPE OF WELL SCREEN: Type 304 Stainless Steel SCH 10S
WELL SCREEN ID: 2"
WELL SCREEN SLOT SIZE: 0.020"
LENGTH OF WELL SCREEN: 10'
TYPE OF SAND PACK: 20/30 Standard Sand
DEPTH TO BOTTOM OF WELL SCREEN: 12.5' bls
DEPTH OF BOREHOLE: 12.5' bls

WELL INSTALLATION DIAGRAM

PROJECT: OU 4 IRA
SITE NAME: Area C
Site: NTC Orlando
PROJECT No.: 851959
DATE INSTALLED: 8/8/96
Well ID: OLD 13-16
ELEVATION:
DRILLING METHOD: HSA
FIELD GEOLOGIST: John Nash
AUGER SIZE: 6.25" ID



ELEVATION OF TOP OF PROTECTIVE CASING: 3'

ELEVATION OF TOP OF WELL RISER: 2.5'

GRAVEL PAD

OUTSIDE DIAMETER OF SURFACE CASING: ——

TYPE OF BACKFILL: Grout/96% Type I Portland Cement
4% Bentonite Gel

BOREHOLE DIAMETER: 10"

WELL RISER ID: 2"

TYPE OF RISER: Type 304 Stainless Steel SCH 10 S

DEPTH TO TOP OF FINE SAND: 12' bls

TYPE OF FINE SAND: 30/65 Standard Sand

DEPTH TO TOP OF BENTONITE SEAL: 14' bls

TYPE OF SEAL: Bentonite Pellets

DEPTH TO TOP OF SAND PACK: 16' bls

DEPTH TO TOP OF WELL SCREEN: 18' bls

TYPE OF WELL SCREEN: Type 304 Stainless Steel SCH 10 S

WELL SCREEN ID: 2"

WELL SCREEN SLOT SIZE: 0.020"

LENGTH OF WELL SCREEN: 5'

TYPE OF SAND PACK: 20/30 Standard Sand

DEPTH TO BOTTOM OF WELL SCREEN: 23' bls

DEPTH OF BOREHOLE: 23' bls

WELL INSTALLATION DIAGRAM

Site: NTC Orlando

PROJECT: OU4 IRA

SITE NAME: Area C

Well ID: OLD-13-17

PROJECT No.: 8519.59

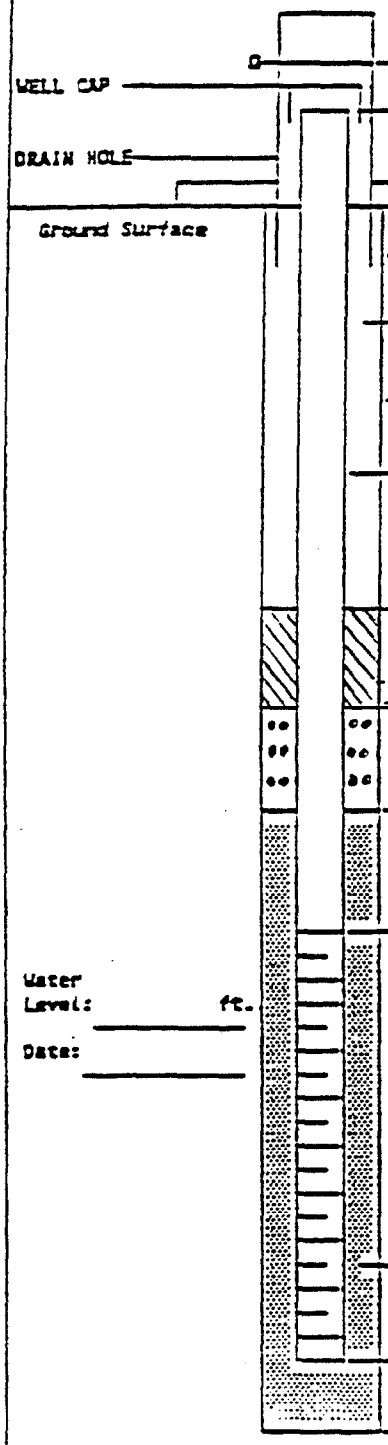
DATE INSTALLED: 8/9/96

ELEVATION:

DRILLING METHOD: Mud Rotary

FIELD GEOLOGIST: John Nash

AUGER SIZE: 5 7/8"



ELEVATION OF TOP OF PROTECTIVE CASING: 3'

ELEVATION OF TOP OF WELL RISER: 2.5'

GRAVEL PAD

OUTSIDE DIAMETER OF SURFACE CASING: —

TYPE OF BACKFILL: Grout/96% Type I Portland Cement 4% Bentonite Gel

BOREHOLE DIAMETER: 5 7/8"

WELL RISER ID: 2"

TYPE OF RISER: Type 304 Stainless Steel SCH 10S

DEPTH TO TOP OF FINE SAND: 48' bls

TYPE OF FINE SAND: 30/65 Standard Sand

DEPTH TO TOP OF BENTONITE SEAL: 52' bls

TYPE OF SEAL: Bentonite Pellets

DEPTH TO TOP OF SAND PACK: 55.5' bls

DEPTH TO TOP OF WELL SCREEN: 58' bls

TYPE OF WELL SCREEN: Type 304 Stainless Steel SCH 10S

WELL SCREEN ID: 2"

WELL SCREEN SLOT SIZE: 0.020"

LENGTH OF WELL SCREEN: 5'

TYPE OF SAND PACK: 20/30 Standard Sand

DEPTH TO BOTTOM OF WELL SCREEN: 63' bls

DEPTH OF BOREHOLE: 63' bls

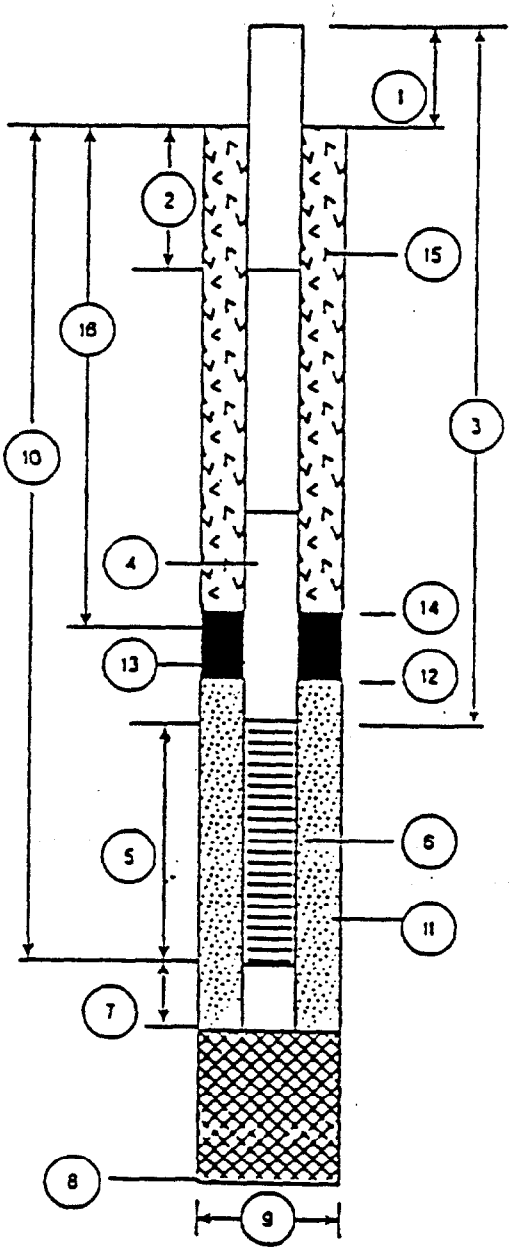
DEPARTMENT OF THE NAVY

SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
CHARLESTON, SC.

WELL CONSTRUCTION DETAIL

WELL NUMBER: OLD-13-05

DATE OF INSTALLATION: 2/26/95



1. Height of Casing above ground: 0'
2. Depth to first Coupling: 5'
   Coupling Interval Depths: 10'
3. Total Length of Riser Pipe: 5'
4. Type of Riser Pipe: 2" DIA PVC
5. Length of Screen: 10
6. Type of Screen: 2" DIA PVC .010 SLOT
7. Length of Sump: 2"
8. Total Depth of Boring: 16'
9. Diameter of Boring: 6¼"
10. Depth to Bottom of Screen: 15'
11. Type of Screen Filter: SILICA SAND
    Quantity Used: 50 lbs 50 lbs Size: 20/30 30/65
12. Depth to Top of Filter: 2'
13. Type of Seal: BENTONITE
    Quantity Used: 15 lbs
14. Depth to Top of Seal: 1.5'
15. Type of Grout: NEAT CEMENT
    Grout Mixture: 15% BENTONITE, 85% CEMENT
    Method of Placement: POURED
16. Tot. Depth of 8 in. Steel Casing: N/A

COMMENTS ON INSTALLATION

ATTACHMENT B

BACKGROUND DATA

			SE2000			
			Environmental Logger			
			8/26 09:32			
		Unit# C		Test 0		
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6
---	---	---	---	---	---	---
Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)
Mode	TOC	TOC	TOC	TOC	TOC	TOC
I.D.	13-10	13-OW1	13-OW3	13-13	13-15	13-17
Reference	3.8	4.8	7.22	4.65	5.26	5.63
SG	1	1	1	1	1	1
Linearity	0.045	0.126	0.024	0.118	0.109	0.117
Scale factor	10.027	19.992	9.921	19.906	20.045	19.999
Offset	-0.022	0.054	-0.021	-0.009	0.016	-0.004
Delay mSEC	50	50	50	50	50	50
		Step 0	8/23/96 18:00	0:01		
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6
---	---	---	---	---	---	---
0	3.8	4.8	7.223	4.65	5.266	5.623
20	3.803	4.8	7.226	4.65	5.266	5.623
40	3.8	4.8	7.226	4.65	5.266	5.623
60	3.796	4.8	7.223	4.643	5.26	5.623
80	3.793	4.793	7.226	4.643	5.26	5.623
100	3.79	4.793	7.22	4.643	5.26	5.623
120	3.787	4.793	7.223	4.643	5.253	5.623
140	3.784	4.787	7.22	4.637	5.253	5.623
160	3.777	4.787	7.22	4.637	5.247	5.617
180	3.78	4.787	7.22	4.637	5.247	5.623
200	3.777	4.781	7.22	4.631	5.247	5.617
220	3.777	4.781	7.22	4.631	5.241	5.617
240	3.774	4.781	7.22	4.631	5.247	5.617
260	3.774	4.781	7.22	4.631	5.241	5.617
280	3.771	4.774	7.216	4.624	5.241	5.617
300	3.771	4.774	7.216	4.631	5.241	5.617
320	3.771	4.774	7.216	4.631	5.241	5.617
340	3.768	4.774	7.213	4.624	5.234	5.617
360	3.768	4.774	7.21	4.624	5.234	5.611
380	3.768	4.774	7.21	4.624	5.234	5.611
400	3.765	4.768	7.213	4.624	5.228	5.611
420	3.765	4.768	7.21	4.624	5.234	5.611
440	3.761	4.768	7.21	4.618	5.228	5.611
460	3.761	4.768	7.213	4.618	5.228	5.611
480	3.758	4.768	7.207	4.618	5.228	5.611
500	3.758	4.768	7.207	4.618	5.228	5.611
520	3.755	4.768	7.204	4.618	5.228	5.604

540	3.755	4.762	7.204	4.612	5.222	5.604
560	3.755	4.762	7.207	4.612	5.222	5.604
580	3.752	4.762	7.207	4.612	5.222	5.604
600	3.752	4.768	7.21	4.612	5.222	5.611
620	3.752	4.762	7.207	4.612	5.222	5.604
640	3.752	4.768	7.21	4.612	5.222	5.611
660	3.749	4.762	7.21	4.612	5.222	5.611
680	3.749	4.762	7.207	4.612	5.222	5.604
700	3.749	4.762	7.207	4.612	5.222	5.611
720	3.746	4.762	7.207	4.612	5.222	5.611
740	3.746	4.762	7.204	4.612	5.222	5.604
760	3.746	4.762	7.204	4.612	5.222	5.611
780	3.746	4.762	7.207	4.612	5.222	5.611
800	3.742	4.762	7.207	4.612	5.222	5.611
820	3.742	4.762	7.207	4.612	5.222	5.611
840	3.742	4.762	7.21	4.612	5.222	5.611
860	3.739	4.762	7.207	4.612	5.222	5.611
880	3.739	4.762	7.207	4.612	5.228	5.611
900	3.736	4.762	7.21	4.612	5.228	5.611
920	3.736	4.768	7.21	4.618	5.228	5.611
940	3.733	4.768	7.213	4.618	5.234	5.611
960	3.742	4.774	7.216	4.624	5.241	5.617
980	3.752	4.781	7.216	4.631	5.247	5.623
1000	3.768	4.781	7.223	4.631	5.253	5.623
1020	3.784	4.787	7.235	4.637	5.26	5.63
1040	3.79	4.793	7.235	4.643	5.266	5.63
1060	3.8	4.8	7.223	4.65	5.272	5.636
1080	3.806	4.806	7.229	4.656	5.272	5.636
1100	3.806	4.806	7.22	4.656	5.278	5.636
1120	3.812	4.806	7.235	4.662	5.285	5.636
1140	3.809	4.812	7.235	4.662	5.285	5.642
1160	3.819	4.812	7.276	4.662	5.291	5.642
1180	3.819	4.818	7.241	4.668	5.291	5.642
1200	3.825	4.818	7.232	4.668	5.297	5.648
1220	3.825	4.818	7.26	4.668	5.297	5.648
1240	3.812	4.818	7.194	4.668	5.291	5.642
1260	3.822	4.818	7.245	4.675	5.297	5.648
1280	3.825	4.818	7.282	4.675	5.304	5.648
1300	3.819	4.818	7.232	4.675	5.304	5.648
1320	3.815	4.825	7.207	4.675	5.304	5.648
1340	3.822	4.825	7.241	4.675	5.304	5.648
1360	3.819	4.825	7.235	4.681	5.31	5.648
1380	3.822	4.825	7.245	4.681	5.31	5.648
1400	3.819	4.825	7.229	4.681	5.31	5.648
1420	3.822	4.825	7.26	4.681	5.31	5.655
1440	3.819	4.825	7.245	4.681	5.31	5.655
1460	3.819	4.825	7.251	4.681	5.31	5.655
1480	3.815	4.825	7.248	4.681	5.31	5.655
1500	3.812	4.825	7.248	4.681	5.304	5.655
1520	3.806	4.818	7.245	4.675	5.304	5.648
1540	3.806	4.818	7.248	4.675	5.304	5.648

1560	3.8	4.818	7.245	4.675	5.297	5.648
1580	3.8	4.812	7.248	4.668	5.297	5.648
1600	3.796	4.812	7.248	4.675	5.297	5.648
1620	3.793	4.812	7.248	4.675	5.297	5.648
1640	3.79	4.812	7.245	4.668	5.291	5.648
1660	3.79	4.806	7.245	4.668	5.291	5.648
1680	3.79	4.806	7.248	4.668	5.291	5.648
1700	3.787	4.806	7.245	4.662	5.285	5.648
1720	3.784	4.8	7.241	4.662	5.285	5.642
1740	3.784	4.806	7.245	4.662	5.285	5.642
1760	3.784	4.8	7.241	4.662	5.285	5.642
1780	3.78	4.8	7.241	4.662	5.278	5.642
1800	3.78	4.8	7.241	4.662	5.278	5.642
1820	3.78	4.8	7.241	4.656	5.278	5.642
1840	3.777	4.8	7.241	4.656	5.278	5.642
1860	3.777	4.793	7.241	4.656	5.278	5.642
1880	3.774	4.793	7.238	4.656	5.272	5.642
1900	3.774	4.793	7.238	4.656	5.272	5.636
1920	3.771	4.793	7.238	4.65	5.272	5.636
1940	3.771	4.793	7.238	4.65	5.272	5.636
1960	3.768	4.787	7.232	4.65	5.266	5.636
1980	3.765	4.787	7.232	4.65	5.266	5.636
2000	3.765	4.787	7.232	4.65	5.266	5.636
2020	3.761	4.787	7.232	4.643	5.266	5.636
2040	3.761	4.787	7.238	4.643	5.266	5.636
2060	3.761	4.787	7.238	4.65	5.266	5.636
2080	3.758	4.787	7.238	4.643	5.266	5.636
2100	3.758	4.787	7.238	4.643	5.266	5.636
2120	3.758	4.787	7.238	4.65	5.266	5.636
2140	3.758	4.787	7.238	4.65	5.266	5.636
2160	3.755	4.787	7.238	4.65	5.266	5.636
2180	3.755	4.787	7.235	4.643	5.266	5.636
2200	3.752	4.787	7.235	4.643	5.266	5.636
2220	3.749	4.787	7.232	4.643	5.266	5.636
2240	3.749	4.787	7.235	4.643	5.266	5.636
2260	3.746	4.787	7.232	4.643	5.266	5.636
2280	3.742	4.781	7.232	4.643	5.266	5.63
2300	3.742	4.787	7.235	4.643	5.266	5.636
2320	3.739	4.787	7.238	4.643	5.266	5.636
2340	3.739	4.787	7.238	4.65	5.272	5.636
2360	3.739	4.787	7.241	4.65	5.272	5.636
2380	3.739	4.793	7.245	4.656	5.278	5.642
2400	3.746	4.8	7.248	4.656	5.285	5.642
2420	3.758	4.8	7.245	4.662	5.285	5.642
2440	3.768	4.806	7.254	4.668	5.291	5.648
2460	3.784	4.812	7.26	4.668	5.297	5.648
2480	3.796	4.812	7.27	4.675	5.304	5.655
2500	3.8	4.818	7.254	4.681	5.31	5.655
2520	3.809	4.825	7.267	4.687	5.316	5.661
2540	3.803	4.825	7.207	4.687	5.316	5.655
2560	3.815	4.831	7.254	4.693	5.323	5.661

2580	3.822	4.831	7.292	4.693	5.323	5.667
2600	3.822	4.831	7.273	4.693	5.329	5.667
2620	3.822	4.837	7.267	4.7	5.329	5.667
2640	3.828	4.837	7.27	4.7	5.335	5.667
2660	3.828	4.837	7.276	4.706	5.335	5.667
2680	3.828	4.844	7.282	4.7	5.342	5.667
2700	3.828	4.844	7.263	4.706	5.342	5.667
2720	3.834	4.844	7.273	4.706	5.342	5.674
2740	3.834	4.844	7.257	4.706	5.348	5.674
2760	3.834	4.85	7.267	4.712	5.348	5.674
2780	3.825	4.85	7.251	4.712	5.342	5.667
2800	3.834	4.85	7.276	4.712	5.354	5.674
2820	3.834	4.85	7.27	4.712	5.354	5.674
2840	3.834	4.85	7.267	4.719	5.354	5.674
2860	3.834	4.85	7.295	4.719	5.354	5.674
2880	3.828	4.85	7.27	4.712	5.348	5.674
2900	3.831	4.85	7.279	4.719	5.354	5.674
2920	3.828	4.85	7.276	4.712	5.348	5.674
2940	3.825	4.85	7.279	4.712	5.348	5.674
2960	3.825	4.85	7.282	4.719	5.348	5.674
2980	3.819	4.844	7.279	4.712	5.348	5.674
3000	3.815	4.844	7.279	4.712	5.342	5.674
3020	3.812	4.844	7.267	4.712	5.342	5.674
3040	3.676	4.787	7.251	4.668	5.316	5.642
3060	3.682	4.736	7.22	4.612	5.196	5.56
3080	3.692	4.717	7.201	4.568	5.089	5.522
3100	3.695	4.705	7.191	4.555	5.051	5.509
3120	3.698	4.705	7.185	4.549	5.032	5.503
3140	3.698	4.698	7.176	4.549	5.032	5.497
3160	3.695	4.692	7.169	4.543	5.032	5.497
3180	3.689	4.692	7.163	4.536	5.032	5.49
3200	3.685	4.686	7.16	4.536	5.032	5.49
3220	3.679	4.686	7.157	4.536	5.038	5.49
3240	3.676	4.686	7.154	4.536	5.044	5.49
3260	3.67	4.686	7.15	4.53	5.044	5.49
3280	3.666	4.686	7.147	4.53	5.051	5.49
3300	3.66	4.679	7.147	4.53	5.051	5.49
3320	3.657	4.679	7.144	4.53	5.057	5.49
3340	3.651	4.679	7.144	4.53	5.057	5.49
3360	3.647	4.679	7.144	4.53	5.063	5.49
3380	3.641	4.679	7.141	4.53	5.063	5.49
3400	3.638	4.679	7.141	4.53	5.07	5.497
3420	3.631	4.679	7.141	4.53	5.07	5.497
3440	3.628	4.679	7.141	4.53	5.076	5.497
3460	3.625	4.679	7.141	4.53	5.076	5.497
3480	3.622	4.679	7.144	4.53	5.076	5.497
3500	3.619	4.679	7.141	4.53	5.082	5.497
3520	3.616	4.679	7.144	4.536	5.089	5.503
3540	3.612	4.686	7.144	4.536	5.089	5.503
3560	3.609	4.686	7.144	4.536	5.095	5.503
3580	3.606	4.686	7.144	4.536	5.095	5.503

3600	3.6	4.686	7.141	4.536	5.095	5.503
3620	3.597	4.686	7.141	4.536	5.101	5.503
3640	3.593	4.686	7.138	4.536	5.101	5.509
3660	3.59	4.686	7.138	4.543	5.108	5.503
3680	3.584	4.686	7.141	4.536	5.108	5.509
3700	3.578	4.686	7.141	4.543	5.108	5.509
3720	3.571	4.686	7.144	4.543	5.114	5.509

				SE2000				
				Environmental Logger				
				8/26 09:46				
			Unit# 2	K-593	Test 0			
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)
Mode	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
I.D.	13-09	13-11	13-OW4	13-OW2	13-12	13-14	13-16	13-RW1
Reference	4.07	3.64	4.61	5.19	4.25	4.85	5.53	0
SG	1	1	1	1	1	1	1	1
Linearity	0.048	0.046	0.121	0.238	0.227	0.126	0.1	0.216
Scale factor	9.955	9.958	20.046	30.024	29.864	20.009	20.179	29.166
Offset	0.077	-0.034	0.028	0.014	0.015	0.005	0.049	0.22
Delay mSEC	50	50	50	50	50	50	50	50
			Step 0	8/23/96 18:00	0:01			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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0	4.066	3.64	4.603	5.171	4.268	4.85	5.517	4.084
20	4.063	3.64	4.597	5.171	4.259	4.843	5.517	4.084
40	4.06	3.64	4.597	5.171	4.268	4.843	5.504	4.084
60	4.057	3.64	4.597	5.161	4.259	4.843	5.51	4.084
80	4.051	3.636	4.59	5.161	4.259	4.843	5.504	4.084
100	4.047	3.633	4.59	5.152	4.259	4.837	5.498	4.084
120	4.041	3.633	4.584	5.152	4.259	4.837	5.498	4.084
140	4.038	3.63	4.584	5.142	4.259	4.837	5.491	4.084
160	4.032	3.627	4.578	5.142	4.25	4.831	5.485	4.084
180	4.032	3.627	4.578	5.142	4.259	4.831	5.491	4.084
200	4.029	3.624	4.571	5.123	4.259	4.831	5.485	4.084
220	4.025	3.621	4.571	5.123	4.268	4.824	5.491	4.084
240	4.025	3.621	4.571	5.123	4.268	4.824	5.491	4.084
260	4.025	3.621	4.571	5.123	4.268	4.824	5.491	4.084
280	4.022	3.617	4.565	5.114	4.259	4.824	5.485	4.084
300	4.019	3.617	4.565	5.114	4.268	4.824	5.485	4.084
320	4.022	3.617	4.565	5.114	4.231	4.824	5.485	4.084
340	4.019	3.617	4.559	5.114	4.221	4.818	5.491	4.084
360	4.016	3.614	4.559	5.114	4.221	4.818	5.485	4.084
380	4.016	3.614	4.559	5.104	4.221	4.818	5.479	4.084
400	4.016	3.611	4.559	5.104	4.212	4.818	5.472	4.084
420	4.016	3.611	4.559	5.104	4.212	4.818	5.479	4.084
440	4.013	3.611	4.552	5.104	4.212	4.818	5.479	4.084
460	4.013	3.608	4.552	5.104	4.212	4.812	5.479	4.084
480	4.013	3.608	4.552	5.095	4.202	4.812	5.479	4.084
500	4.013	3.608	4.552	5.095	4.202	4.812	5.479	4.084
520	4.01	3.605	4.546	5.095	4.202	4.812	5.479	4.084

540	4.01	3.605	4.546	5.095	4.193	4.805	5.479	4.084
560	4.01	3.605	4.546	5.085	4.193	4.805	5.479	4.084
580	4.01	3.605	4.546	5.085	4.193	4.805	5.479	4.084
600	4.01	3.608	4.546	5.095	4.193	4.812	5.479	4.084
620	4.01	3.605	4.546	5.085	4.193	4.805	5.485	4.084
640	4.01	3.608	4.546	5.085	4.193	4.805	5.479	4.084
660	4.01	3.608	4.546	5.085	4.193	4.812	5.479	4.084
680	4.007	3.605	4.546	5.085	4.193	4.805	5.479	4.084
700	4.007	3.605	4.546	5.085	4.193	4.805	5.479	4.084
720	4.007	3.605	4.546	5.085	4.193	4.805	5.472	4.084
740	4.007	3.605	4.546	5.085	4.193	4.805	5.472	4.084
760	4.007	3.605	4.54	5.085	4.193	4.805	5.472	4.084
780	4.007	3.605	4.546	5.085	4.193	4.805	5.472	4.084
800	4.007	3.605	4.546	5.085	4.193	4.805	5.472	4.084
820	4.007	3.605	4.546	5.085	4.193	4.812	5.472	4.084
840	4.007	3.605	4.546	5.085	4.193	4.805	5.491	4.084
860	4.01	3.605	4.546	5.085	4.193	4.805	5.504	4.084
880	4.013	3.605	4.546	5.085	4.193	4.805	5.51	4.084
900	4.016	3.608	4.546	5.085	4.202	4.812	5.51	4.084
920	4.019	3.608	4.546	5.085	4.202	4.812	5.51	4.084
940	4.022	3.608	4.552	5.076	4.212	4.812	5.51	4.084
960	4.029	3.614	4.559	5.076	4.212	4.818	5.523	4.084
980	4.035	3.621	4.565	5.047	4.221	4.824	5.523	4.084
1000	4.044	3.624	4.571	4.781	4.231	4.831	5.53	4.084
1020	4.054	3.63	4.578	4.487	4.24	4.837	5.536	4.084
1040	4.057	3.633	4.584	4.373	4.25	4.843	5.542	4.084
1060	4.063	3.64	4.59	4.335	4.268	4.85	5.549	4.084
1080	4.066	3.646	4.597	4.325	4.268	4.85	5.555	4.084
1100	4.07	3.649	4.603	4.306	4.268	4.85	5.555	4.084
1120	4.076	3.652	4.603	4.306	4.268	4.856	5.561	4.084
1140	4.076	3.652	4.603	4.297	4.268	4.856	5.568	4.084
1160	4.079	3.658	4.603	4.306	4.268	4.862	5.561	4.084
1180	4.082	3.655	4.603	4.297	4.268	4.856	5.568	4.084
1200	4.085	3.665	4.603	4.297	4.259	4.862	5.561	4.084
1220	4.085	3.662	4.603	4.297	4.25	4.856	5.568	4.084
1240	4.073	3.652	4.603	4.287	4.231	4.856	5.568	4.084
1260	4.085	3.662	4.603	4.297	4.221	4.862	5.587	4.084
1280	4.085	3.665	4.61	4.297	4.212	4.862	5.587	4.084
1300	4.076	3.662	4.61	4.297	4.202	4.862	5.574	4.084
1320	4.079	3.658	4.61	4.297	4.193	4.862	5.587	4.084
1340	4.085	3.665	4.61	4.297	4.184	4.862	5.6	4.084
1360	4.082	3.662	4.61	4.297	4.184	4.862	5.6	4.084
1380	4.088	3.665	4.616	4.306	4.174	4.862	5.606	4.084
1400	4.082	3.665	4.616	4.306	4.174	4.862	5.593	4.084
1420	4.085	3.668	4.616	4.306	4.165	4.862	5.593	4.084
1440	4.082	3.668	4.616	4.306	4.165	4.862	5.593	4.084
1460	4.079	3.668	4.616	4.306	4.165	4.862	5.587	4.084
1480	4.073	3.668	4.61	4.306	4.155	4.862	5.568	4.084
1500	4.07	3.665	4.61	4.297	4.155	4.85	5.568	4.084
1520	4.066	3.662	4.603	4.297	4.136	4.843	5.561	4.084
1540	4.063	3.662	4.603	4.297	4.146	4.843	5.549	4.084

1560	4.057	3.658	4.597	4.287	4.146	4.837	5.549	4.084
1580	4.054	3.658	4.597	4.287	4.155	4.837	5.549	4.084
1600	4.051	3.655	4.597	4.287	4.165	4.831	5.549	4.084
1620	4.047	3.655	4.597	4.287	4.174	4.837	5.549	4.084
1640	4.044	3.655	4.59	4.287	4.184	4.831	5.549	4.084
1660	4.044	3.652	4.59	4.287	4.184	4.824	5.549	4.084
1680	4.041	3.652	4.584	4.278	4.184	4.824	5.549	4.084
1700	4.038	3.649	4.584	4.278	4.184	4.824	5.542	4.084
1720	4.038	3.646	4.584	4.278	4.184	4.824	5.542	4.084
1740	4.038	3.646	4.584	4.278	4.184	4.824	5.536	4.084
1760	4.035	3.646	4.578	4.278	4.193	4.818	5.536	4.084
1780	4.035	3.643	4.578	4.268	4.193	4.824	5.536	4.084
1800	4.035	3.646	4.578	4.278	4.193	4.818	5.536	4.084
1820	4.032	3.643	4.578	4.268	4.193	4.818	5.536	4.084
1840	4.032	3.643	4.578	4.268	4.193	4.818	5.536	4.084
1860	4.032	3.643	4.571	4.268	4.184	4.818	5.542	4.084
1880	4.029	3.64	4.571	4.268	4.184	4.812	5.542	4.084
1900	4.029	3.64	4.571	4.268	4.184	4.812	5.542	4.084
1920	4.029	3.636	4.571	4.259	4.174	4.812	5.542	4.084
1940	4.025	3.636	4.565	4.259	4.165	4.812	5.542	4.084
1960	4.025	3.633	4.565	4.259	4.155	4.805	5.549	4.084
1980	4.022	3.633	4.565	4.259	4.146	4.805	5.549	4.084
2000	4.022	3.633	4.565	4.259	4.136	4.805	5.549	4.084
2020	4.022	3.633	4.565	4.259	4.127	4.805	5.542	4.084
2040	4.022	3.633	4.565	4.259	4.118	4.805	5.542	4.084
2060	4.022	3.633	4.565	4.259	4.118	4.805	5.542	4.084
2080	4.022	3.633	4.565	4.259	4.108	4.805	5.542	4.084
2100	4.022	3.633	4.565	4.259	4.108	4.805	5.536	4.084
2120	4.022	3.636	4.565	4.259	4.118	4.805	5.536	4.084
2140	4.022	3.636	4.565	4.259	4.118	4.805	5.53	4.084
2160	4.022	3.636	4.565	4.259	4.127	4.805	5.53	4.084
2180	4.022	3.633	4.565	4.249	4.127	4.805	5.53	4.084
2200	4.022	3.633	4.565	4.259	4.127	4.805	5.523	4.084
2220	4.022	3.633	4.559	4.249	4.127	4.799	5.523	4.084
2240	4.019	3.633	4.559	4.249	4.127	4.799	5.523	4.084
2260	4.019	3.63	4.559	4.249	4.127	4.799	5.53	4.084
2280	4.022	3.63	4.559	4.249	4.127	4.799	5.542	4.084
2300	4.022	3.633	4.559	4.249	4.127	4.799	5.555	4.084
2320	4.025	3.633	4.559	4.259	4.136	4.805	5.568	4.084
2340	4.029	3.633	4.565	4.259	4.136	4.805	5.568	4.084
2360	4.032	3.636	4.565	4.259	4.136	4.805	5.568	4.084
2380	4.038	3.64	4.571	4.268	4.136	4.812	5.568	4.084
2400	4.041	3.643	4.578	4.278	4.146	4.818	5.58	4.084
2420	4.047	3.646	4.584	4.278	4.146	4.818	5.58	4.084
2440	4.054	3.649	4.59	4.287	4.146	4.824	5.587	4.084
2460	4.063	3.658	4.597	4.287	4.155	4.824	5.587	4.084
2480	4.07	3.662	4.603	4.297	4.155	4.831	5.6	4.084
2500	4.073	3.665	4.61	4.306	4.146	4.824	5.6	4.084
2520	4.079	3.671	4.616	4.316	4.146	4.831	5.612	4.084
2540	4.07	3.668	4.616	4.306	4.146	4.831	5.6	4.084
2560	4.085	3.677	4.622	4.306	4.146	4.831	5.619	4.084

2580	4.095	3.68	4.622	4.316	4.127	4.831	5.619	4.084
2600	4.095	3.68	4.622	4.316	4.127	4.824	5.638	4.084
2620	4.092	3.68	4.622	4.306	4.118	4.824	5.644	4.084
2640	4.098	3.684	4.629	4.306	4.108	4.818	5.65	4.084
2660	4.095	3.684	4.622	4.306	4.099	4.818	5.65	4.084
2680	4.098	3.687	4.629	4.306	4.089	4.812	5.644	4.084
2700	4.098	3.684	4.629	4.306	4.08	4.805	5.65	4.084
2720	4.098	3.69	4.629	4.316	4.061	4.812	5.65	4.084
2740	4.098	3.693	4.635	4.316	4.061	4.805	5.65	4.084
2760	4.098	3.69	4.635	4.316	4.052	4.799	5.657	4.084
2780	4.095	3.687	4.629	4.306	4.042	4.78	5.657	4.084
2800	4.101	3.693	4.635	4.316	4.325	4.723	5.663	4.084
2820	4.101	3.693	4.635	4.325	4.325	4.692	5.663	4.084
2840	4.098	3.693	4.635	4.325	4.315	4.692	5.644	4.084
2860	4.098	3.699	4.635	4.325	4.315	4.685	5.631	4.084
2880	4.092	3.693	4.635	4.316	4.315	4.685	5.619	4.084
2900	4.092	3.696	4.635	4.325	4.315	4.679	5.619	4.084
2920	4.088	3.696	4.635	4.325	4.306	4.679	5.612	4.084
2940	4.085	3.696	4.629	4.325	4.306	4.679	5.606	4.084
2960	4.082	3.696	4.629	4.316	4.315	4.679	5.606	4.084
2980	4.076	3.693	4.629	4.316	4.315	4.679	5.606	4.084
3000	4.073	3.693	4.622	4.316	4.315	4.673	5.6	4.084
3020	4.066	3.687	4.629	4.316	4.325	4.673	5.587	4.084
3040	3.906	3.636	4.559	4.259	4.278	4.628	5.561	4.084
3060	3.931	3.599	4.514	4.221	4.231	4.565	5.453	4.084
3080	3.95	3.586	4.495	4.192	4.184	4.534	5.402	4.084
3100	3.963	3.58	4.489	4.183	4.165	4.521	5.389	4.084
3120	3.969	3.58	4.489	4.183	4.155	4.521	5.383	4.084
3140	3.972	3.577	4.483	4.173	4.136	4.515	5.377	4.084
3160	3.972	3.577	4.476	4.173	4.136	4.508	5.377	4.084
3180	3.972	3.57	4.47	4.164	4.127	4.508	5.377	4.084
3200	3.975	3.57	4.47	4.164	4.127	4.508	5.377	4.084
3220	3.975	3.567	4.47	4.164	4.118	4.502	5.377	4.084
3240	3.975	3.567	4.47	4.164	4.118	4.502	5.377	4.084
3260	3.975	3.564	4.464	4.154	4.118	4.502	5.377	4.084
3280	3.975	3.564	4.464	4.154	4.118	4.502	5.377	4.084
3300	3.975	3.564	4.464	4.154	4.108	4.502	5.383	4.084
3320	3.975	3.561	4.464	4.154	4.108	4.502	5.383	4.084
3340	3.975	3.561	4.457	4.145	4.108	4.496	5.389	4.084
3360	3.975	3.561	4.464	4.154	4.108	4.502	5.389	4.084
3380	3.972	3.561	4.464	4.154	4.108	4.502	5.389	4.084
3400	3.972	3.561	4.457	4.145	4.108	4.502	5.396	4.084
3420	3.972	3.561	4.457	4.145	4.108	4.502	5.396	4.084
3440	3.975	3.561	4.457	4.145	4.108	4.502	5.402	4.084
3460	3.975	3.561	4.457	4.145	4.108	4.502	5.402	4.084
3480	3.975	3.564	4.457	4.154	4.108	4.502	5.409	4.084
3500	3.972	3.561	4.464	4.145	4.108	4.502	5.415	4.084
3520	3.975	3.564	4.464	4.145	4.108	4.502	5.415	4.084
3540	3.972	3.564	4.464	4.145	4.108	4.502	5.415	4.084
3560	3.975	3.564	4.464	4.154	4.118	4.502	5.409	4.084
3580	3.975	3.564	4.464	4.154	4.118	4.502	5.409	4.084

3600	3.975	3.564	4.464	4.145	4.118	4.502	5.409	4.084
3620	3.975	3.561	4.464	4.145	4.118	4.502	5.409	4.084
3640	3.972	3.561	4.464	4.145	4.118	4.508	5.402	4.084
3660	3.975	3.564	4.464	4.145	4.118	4.508	5.402	4.084
3680	3.975	3.564	4.464	4.145	4.118	4.508	5.402	4.084
3700	3.975	3.564	4.464	4.145	4.118	4.508	5.409	4.084
3720	3.975	3.564	4.464	4.145	4.118	4.508	5.428	4.084

	SE1000C	
	Environmental Logger	
	8/26/96 8:37	
Unit#	01596	Test 0
Setups:	INPUT 1	INPUT 2
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Type	Level (F)	Level (F)
Mode	TOC	TOC
I.D.	13-05	12-05
Reference	5.65	64.92
Linearity	0.03	0.04
Scale fact	10	10.01
Offset	0.02	0.04
Delay mS	50	50
Step 0	8/23/96 18:00	0:01
Elapsed Ti	INPUT 1	INPUT 2
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0	5.656	64.932
20	5.656	64.932
40	5.656	64.923
60	5.656	64.929
80	5.659	64.935
100	5.659	64.942
120	5.662	64.964
140	5.659	64.977
160	5.662	64.958
180	5.662	64.983
200	5.662	64.983
220	5.665	65.005
240	5.668	64.986
260	5.668	64.986
280	5.668	64.964
300	5.672	64.967
320	5.672	64.986
340	5.672	64.98
360	5.672	64.983
380	5.672	64.977
400	5.675	64.98
420	5.675	64.973
440	5.675	64.97
460	5.675	64.964
480	5.675	64.948
500	5.675	64.951
520	5.675	64.939
540	5.675	64.935

560	5.675	64.932
580	5.675	64.939
600	5.678	64.951
620	5.678	64.942
640	5.678	64.948
660	5.678	64.958
680	5.678	64.951
700	5.681	64.964
720	5.681	64.964
740	5.684	64.973
760	5.684	64.983
780	5.684	65.005
800	5.684	65.027
820	5.687	65.046
840	5.687	65.065
860	5.691	65.072
880	5.691	65.072
900	5.691	65.088
920	5.691	65.116
940	5.694	65.119
960	5.691	65.119
980	5.694	65.145
1000	5.694	65.145
1020	5.697	65.157
1040	5.697	65.16
1060	5.697	65.164
1080	5.7	65.151
1100	5.697	65.113
1120	5.7	65.1
1140	5.7	65.043
1160	5.7	64.812
1180	5.7	64.285
1200	5.697	64.257
1220	5.697	64.238
1240	5.691	64.161
1260	5.697	64.209
1280	5.697	64.184
1300	5.697	64.165
1320	5.694	64.12
1340	5.7	64.142
1360	5.697	64.13
1380	5.7	64.136
1400	5.697	64.117
1420	5.703	64.139
1440	5.703	64.13
1460	5.703	64.12
1480	5.7	64.13
1500	5.703	64.114
1520	5.703	64.104
1540	5.706	64.13
1560	5.706	64.155

1580	5.71	64.149
1600	5.71	64.168
1620	5.713	64.177
1640	5.713	64.193
1660	5.713	64.203
1680	5.716	64.222
1700	5.716	64.219
1720	5.716	64.222
1740	5.719	64.244
1760	5.719	64.247
1780	5.719	64.244
1800	5.719	64.247
1820	5.722	64.257
1840	5.722	64.25
1860	5.722	64.238
1880	5.722	64.228
1900	5.722	64.228
1920	5.722	64.222
1940	5.722	64.2
1960	5.722	64.203
1980	5.722	64.18
2000	5.722	64.174
2020	5.722	64.165
2040	5.725	64.165
2060	5.722	64.168
2080	5.725	64.168
2100	5.725	64.174
2120	5.728	64.184
2140	5.728	64.203
2160	5.732	64.212
2180	5.732	64.257
2200	5.732	64.266
2220	5.732	64.288
2240	5.735	64.307
2260	5.735	64.317
2280	5.735	64.364
2300	5.738	64.377
2320	5.738	64.393
2340	5.738	64.418
2360	5.738	64.444
2380	5.741	64.488
2400	5.741	64.514
2420	5.744	64.523
2440	5.744	64.539
2460	5.744	64.561
2480	5.747	64.586
2500	5.744	64.583
2520	5.747	64.596
2540	5.741	64.564
2560	5.747	64.577
2580	5.751	64.567

2600	5.747	64.545
2620	5.744	64.523
2640	5.747	64.498
2660	5.744	64.472
2680	5.747	64.437
2700	5.747	64.415
2720	5.744	64.399
2740	5.747	64.387
2760	5.744	64.371
2780	5.744	64.358
2800	5.747	64.349
2820	5.747	64.33
2840	5.747	64.333
2860	5.751	64.33
2880	5.747	64.326
2900	5.751	64.336
2920	5.751	64.349
2940	5.751	64.339
2960	5.754	64.364
2980	5.757	64.374
3000	5.757	64.39
3020	5.763	64.409
3040	5.596	64.228
3060	5.722	64.215
3080	5.741	64.282
3100	5.747	64.326
3120	5.747	64.374
3140	5.747	64.396
3160	5.741	64.396
3180	5.732	64.371
3200	5.725	64.339
3220	5.719	64.317
3240	5.713	64.298
3260	5.703	64.285
3280	5.694	64.272
3300	5.684	64.253
3320	5.678	64.228
3340	5.668	64.215
3360	5.665	64.212
3380	5.656	64.206
3400	5.653	64.19
3420	5.65	64.19
3440	5.646	64.18
3460	5.64	64.18
3480	5.637	64.174
3500	5.637	64.165
3520	5.637	64.158
3540	5.637	64.184
3560	5.637	64.168
3580	5.637	64.196
3600	5.637	64.234

3620	5.64	64.253
3640	5.64	64.304
3660	5.643	64.349
3680	5.643	64.406
3700	5.646	64.45
3720	5.65	64.498

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SE1000C		
Environmental Logger		
08/26 08:43		
Unit# 01597 Test 0		
Setups:	INPUT 1	
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Type	Level (F)	
Mode	TOC	
I.D.	13-OW5	
Reference	7.440	
Linearity	0.050	
Scale factor	10.050	
Offset	-0.040	
Delay mSEC	50.000	
Step 0 08/23 18:00:01		
Elapsed Time	INPUT 1	
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0.0000	7.436	
20.0000	7.427	
40.0000	7.427	
60.0000	7.430	
80.0000	7.427	
100.000	7.427	
120.000	7.430	
140.000	7.427	
160.000	7.427	
180.000	7.427	
200.000	7.427	
220.000	7.427	
240.000	7.427	
260.000	7.427	
280.000	7.427	
300.000	7.427	
320.000	7.430	
340.000	7.427	
360.000	7.427	
380.000	7.427	
400.000	7.427	
420.000	7.427	
440.000	7.427	
460.000	7.424	
480.000	7.427	
500.000	7.424	
520.000	7.424	
540.000	7.424	

560.000	7.424	
580.000	7.424	
600.000	7.427	
620.000	7.424	
640.000	7.427	
660.000	7.427	
680.000	7.427	
700.000	7.427	
720.000	7.427	
740.000	7.427	
760.000	7.427	
780.000	7.427	
800.000	7.427	
820.000	7.430	
840.000	7.430	
860.000	7.427	
880.000	7.430	
900.000	7.433	
920.000	7.433	
940.000	7.433	
960.000	7.436	
980.000	7.440	
1000.00	7.443	
1020.00	7.443	
1040.00	7.446	
1060.00	7.449	
1080.00	7.449	
1100.00	7.449	
1120.00	7.452	
1140.00	7.452	
1160.00	7.456	
1180.00	7.456	
1200.00	7.456	
1220.00	7.459	
1240.00	7.459	
1260.00	7.459	
1280.00	7.459	
1300.00	7.459	
1320.00	7.462	
1340.00	7.462	
1360.00	7.462	
1380.00	7.465	
1400.00	7.465	
1420.00	7.468	
1440.00	7.468	
1460.00	7.468	
1480.00	7.468	
1500.00	7.468	
1520.00	7.468	
1540.00	7.468	
1560.00	7.468	

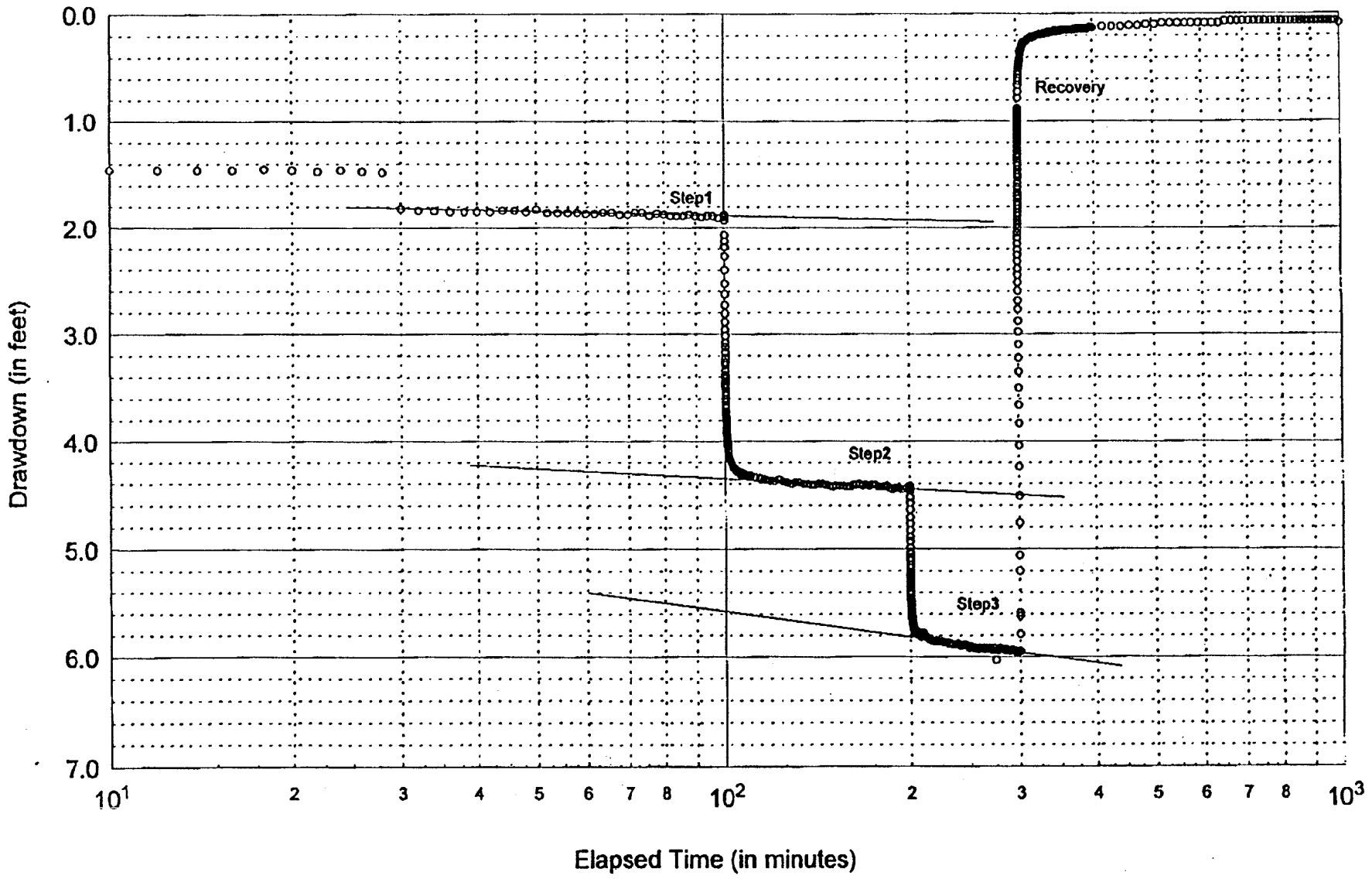
1580.00	7.468	
1600.00	7.472	
1620.00	7.472	
1640.00	7.472	
1660.00	7.468	
1680.00	7.472	
1700.00	7.468	
1720.00	7.468	
1740.00	7.472	
1760.00	7.472	
1780.00	7.468	
1800.00	7.472	
1820.00	7.468	
1840.00	7.472	
1860.00	7.468	
1880.00	7.468	
1900.00	7.468	
1920.00	7.468	
1940.00	7.465	
1960.00	7.465	
1980.00	7.465	
2000.00	7.465	
2020.00	7.465	
2040.00	7.465	
2060.00	7.465	
2080.00	7.465	
2100.00	7.468	
2120.00	7.468	
2140.00	7.468	
2160.00	7.468	
2180.00	7.468	
2200.00	7.468	
2220.00	7.468	
2240.00	7.468	
2260.00	7.468	
2280.00	7.465	
2300.00	7.468	
2320.00	7.472	
2340.00	7.472	
2360.00	7.472	
2380.00	7.475	
2400.00	7.478	
2420.00	7.481	
2440.00	7.481	
2460.00	7.484	
2480.00	7.484	
2500.00	7.488	
2520.00	7.491	
2540.00	7.491	
2560.00	7.491	
2580.00	7.494	

2600.00	7.494	
2620.00	7.494	
2640.00	7.497	
2660.00	7.497	
2680.00	7.500	
2700.00	7.500	
2720.00	7.500	
2740.00	7.503	
2760.00	7.503	
2780.00	7.503	
2800.00	7.503	
2820.00	7.507	
2840.00	7.507	
2860.00	7.507	
2880.00	7.510	
2900.00	7.510	
2920.00	7.510	
2940.00	7.510	
2960.00	7.510	
2980.00	7.513	
3000.00	7.513	
3020.00	7.516	
3040.00	7.488	
3060.00	7.411	
3080.00	7.376	
3100.00	7.366	
3120.00	7.363	
3140.00	7.360	
3160.00	7.357	
3180.00	7.350	
3200.00	7.347	
3220.00	7.347	
3240.00	7.347	
3260.00	7.347	
3280.00	7.344	
3300.00	7.347	
3320.00	7.344	
3340.00	7.344	
3360.00	7.347	
3380.00	7.347	
3400.00	7.347	
3420.00	7.347	
3440.00	7.350	
3460.00	7.350	
3480.00	7.350	
3500.00	7.353	
3520.00	7.353	
3540.00	7.357	
3560.00	7.357	
3580.00	7.357	
3600.00	7.357	

3620.00	7.357	
3640.00	7.360	
3660.00	7.360	
3680.00	7.360	
3700.00	7.363	
3720.00	7.363	

ATTACHMENT C

GRAPH OF DRAWDOWN VERSUS ELAPSED TIME DURING THE STEP DRAWDOWN TEST


NTC Orlando, OU4, Area C
Step Drawdown Test, RW-1 Piezometer Data
Drawdown (in feet)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
Step1
Step2
Step3
Recovery
10^1
2
3
4
5
6
7
8
10^2
2
3
4
5
6
7
8
10^3
Elapsed Time (in minutes)

ATTACHMENT D

STEP DRAWDOWN DATA

				SE2000				
				Environmental Logger				
				9/03 10:27				
			Unit# C		Test 1			
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
---	---	---	---	---	---	---	---	---
Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Function
Mode	TOC	TOC	TOC	TOC	TOC	TOC	TOC	
I.D.	13-10	13-OW1	13-OW3	13-13	13-15	13-17	RP	BP
Reference	3.62	4.48	6.85	4.32	4.82	5.26	4.69	
SG	1	1	1	1	1	1	1	
Linearity	0.045	0.126	0.024	0.118	0.109	0.117	-0.006	0.041
Scale factor	10.027	19.992	9.921	19.906	20.045	19.999	30.024	7.96
Offset	-0.022	0.054	-0.021	-0.009	0.016	-0.004	-0.041	7.992
Delay mSEC	50	50	50	50	50	50	50	50
			Step 0	8/28/96 16:00	0:01			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
---	---	---	---	---	---	---	---	---
0	3.658	4.34	6.868	4.313	4.826	5.26	4.652	14.7
0.0083	3.667	4.366	6.868	4.313	4.826	5.26	5.854	14.7
0.0166	3.67	4.366	6.868	4.313	4.826	5.26	5.229	14.7
0.025	3.673	4.366	6.871	4.313	4.826	5.26	5.409	14.7
0.0333	3.677	4.385	6.868	4.313	4.826	5.26	5.854	14.7
0.0416	3.68	4.41	6.871	4.307	4.826	5.253	6.204	14.7
0.05	3.683	4.435	6.871	4.313	4.826	5.253	6.479	14.7
0.0583	3.683	4.454	6.871	4.313	4.826	5.253	6.725	14.7
0.0666	3.686	4.486	6.871	4.313	4.826	5.26	6.952	14.7
0.075	3.686	4.517	6.871	4.313	4.826	5.26	7.151	14.7
0.0833	3.689	4.555	6.871	4.313	4.826	5.253	7.331	14.7
0.0916	3.689	4.593	6.871	4.313	4.826	5.26	7.491	14.7
0.1	3.692	4.631	6.868	4.313	4.826	5.26	7.633	14.699
0.1083	3.692	4.676	6.868	4.313	4.826	5.253	7.757	14.7
0.1166	3.692	4.714	6.871	4.313	4.826	5.253	7.87	14.699
0.125	3.696	4.758	6.871	4.313	4.826	5.253	7.993	14.7
0.1333	3.696	4.796	6.871	4.313	4.826	5.253	8.088	14.699
0.1416	3.699	4.84	6.871	4.313	4.826	5.253	8.192	14.699
0.15	3.699	4.878	6.871	4.313	4.826	5.26	8.287	14.699
0.1583	3.702	4.922	6.871	4.313	4.826	5.26	8.353	14.699
0.1666	3.702	4.96	6.871	4.313	4.826	5.26	8.429	14.7
0.175	3.702	4.998	6.871	4.313	4.826	5.253	8.495	14.699
0.1833	3.705	5.03	6.868	4.313	4.826	5.26	8.542	14.699
0.1916	3.705	5.068	6.871	4.313	4.826	5.253	8.599	14.699
0.2	3.708	5.1	6.868	4.313	4.826	5.26	8.656	14.699
0.2083	3.708	5.131	6.871	4.313	4.826	5.26	8.694	14.699
0.2166	3.708	5.163	6.871	4.313	4.826	5.26	8.741	14.699

0.225	3.711	5.195	6.871	4.313	4.826	5.26	8.788	14.699
0.2333	3.711	5.226	6.868	4.313	4.826	5.26	8.826	14.699
0.2416	3.711	5.251	6.868	4.313	4.826	5.26	8.855	14.699
0.25	3.715	5.277	6.871	4.313	4.826	5.26	8.883	14.699
0.2583	3.715	5.302	6.868	4.32	4.826	5.26	8.902	14.699
0.2666	3.715	5.327	6.868	4.32	4.826	5.26	8.921	14.699
0.275	3.718	5.353	6.871	4.313	4.826	5.26	8.921	14.699
0.2833	3.718	5.372	6.868	4.32	4.826	5.26	8.959	14.699
0.2916	3.718	5.397	6.868	4.32	4.826	5.26	8.987	14.699
0.3	3.721	5.416	6.868	4.32	4.826	5.26	8.997	14.699
0.3083	3.721	5.435	6.868	4.32	4.826	5.26	9.006	14.699
0.3166	3.724	5.454	6.868	4.32	4.826	5.26	9.034	14.699
0.325	3.724	5.473	6.868	4.32	4.826	5.26	9.053	14.699
0.3333	3.724	5.486	6.871	4.326	4.826	5.26	9.063	14.699
0.35	3.724	5.517	6.871	4.32	4.826	5.26	9.082	14.699
0.3666	3.724	5.549	6.871	4.326	4.826	5.26	9.11	14.699
0.3833	3.724	5.574	6.871	4.326	4.826	5.26	9.148	14.7
0.4	3.724	5.606	6.871	4.332	4.826	5.26	9.167	14.699
0.4166	3.724	5.631	6.871	4.332	4.826	5.266	9.195	14.7
0.4333	3.727	5.65	6.875	4.332	4.826	5.266	9.214	14.7
0.45	3.727	5.675	6.875	4.332	4.826	5.266	9.233	14.7
0.4666	3.727	5.694	6.875	4.338	4.826	5.266	9.262	14.7
0.4833	3.73	5.713	6.878	4.338	4.826	5.266	9.271	14.699
0.5	3.73	5.726	6.878	4.338	4.832	5.266	9.299	14.7
0.5166	3.73	5.751	6.878	4.345	4.826	5.266	9.318	14.7
0.5333	3.734	5.77	6.881	4.345	4.826	5.272	9.337	14.699
0.55	3.737	5.777	6.881	4.351	4.826	5.272	9.356	14.7
0.5666	3.737	5.796	6.884	4.351	4.826	5.272	9.375	14.699
0.5833	3.737	5.815	6.887	4.357	4.832	5.272	9.385	14.699
0.6	3.74	5.834	6.887	4.357	4.826	5.272	9.404	14.699
0.6166	3.74	5.84	6.89	4.357	4.832	5.272	9.423	14.699
0.6333	3.74	5.853	6.893	4.364	4.832	5.278	9.432	14.699
0.65	3.743	5.865	6.893	4.364	4.832	5.278	9.451	14.7
0.6666	3.743	5.884	6.897	4.37	4.832	5.278	9.46	14.7
0.6833	3.746	5.89	6.9	4.37	4.832	5.285	9.47	14.7
0.7	3.746	5.903	6.9	4.376	4.832	5.285	9.479	14.7
0.7166	3.746	5.916	6.903	4.376	4.832	5.285	9.498	14.7
0.7333	3.75	5.928	6.906	4.382	4.832	5.285	9.517	14.699
0.75	3.75	5.941	6.906	4.389	4.832	5.291	9.517	14.699
0.7666	3.753	5.947	6.909	4.389	4.832	5.291	9.527	14.699
0.7833	3.756	5.96	6.912	4.395	4.832	5.291	9.546	14.7
0.8	3.756	5.973	6.915	4.395	4.832	5.297	9.555	14.7
0.8166	3.756	5.979	6.915	4.395	4.832	5.297	9.546	14.7
0.8333	3.759	5.985	6.922	4.401	4.832	5.297	9.574	14.7
0.85	3.759	5.998	6.922	4.407	4.838	5.297	9.583	14.699
0.8666	3.762	6.004	6.925	4.407	4.832	5.304	9.593	14.699
0.8833	3.762	6.017	6.928	4.414	4.832	5.304	9.593	14.699
0.9	3.765	6.023	6.931	4.42	4.838	5.31	9.621	14.699
0.9166	3.765	6.036	6.931	4.414	4.838	5.31	9.631	14.699
0.9333	3.769	6.042	6.934	4.42	4.838	5.31	9.631	14.7
0.95	3.769	6.049	6.937	4.426	4.838	5.316	9.64	14.7

0.9666	3.772	6.061	6.94	4.426	4.838	5.316	9.65	14.7
0.9833	3.772	6.068	6.944	4.433	4.838	5.323	9.659	14.699
1	3.775	6.074	6.944	4.433	4.838	5.323	9.659	14.699
1.2	3.778	6.137	6.988	4.489	4.851	5.367	9.583	14.701
1.4	3.791	6.169	7.022	4.539	4.851	5.392	9.593	14.7
1.6	3.803	6.207	7.053	4.583	4.857	5.43	9.65	14.701
1.8	3.813	6.238	7.079	4.627	4.864	5.456	9.669	14.7
2	3.822	6.27	7.097	4.671	4.864	5.481	9.697	14.701
2.2	3.832	6.295	7.116	4.709	4.87	5.506	9.725	14.701
2.4	3.838	6.314	7.122	4.747	4.87	5.532	9.725	14.701
2.6	3.845	6.333	7.126	4.791	4.87	5.551	9.744	14.7
2.8	3.851	6.346	7.126	4.822	4.87	5.57	9.763	14.7
3	3.857	6.219	7.126	4.854	4.876	5.589	8.788	14.701
3.2	3.861	6.03	7.129	4.885	4.876	5.601	8.457	14.701
3.4	3.861	5.941	7.129	4.904	4.876	5.614	8.353	14.7
3.6	3.864	5.897	7.126	4.923	4.876	5.62	8.315	14.7
3.8	3.864	5.865	7.122	4.935	4.876	5.627	8.277	14.7
4	3.864	5.846	7.116	4.948	4.876	5.627	8.258	14.7
4.2	3.867	5.834	7.11	4.948	4.883	5.633	8.239	14.7
4.4	3.867	5.821	7.107	4.961	4.883	5.633	8.239	14.7
4.6	3.867	5.815	7.107	4.961	4.883	5.627	8.23	14.7
4.8	3.864	5.707	7.104	4.967	4.883	5.627	7.179	14.7
5	3.861	5.391	7.104	4.967	4.883	5.627	6.46	14.7
5.2	3.857	5.233	7.097	4.961	4.883	5.62	6.261	14.7
5.4	3.851	5.138	7.091	4.948	4.876	5.614	6.166	14.7
5.6	3.845	5.081	7.079	4.935	4.883	5.601	6.109	14.7
5.8	3.841	5.043	7.066	4.917	4.876	5.589	6.053	14.7
6	3.835	5.005	7.057	4.904	4.876	5.576	6.043	14.7
6.2	3.829	4.986	7.044	4.885	4.876	5.563	6.005	14.7
6.4	3.826	4.96	7.035	4.866	4.876	5.551	5.986	14.7
6.6	3.819	4.941	7.025	4.854	4.876	5.532	5.977	14.699
6.8	3.816	4.929	7.019	4.841	4.876	5.519	5.967	14.699
7	3.813	4.916	7.009	4.822	4.876	5.513	5.977	14.699
7.2	3.81	4.941	7.003	4.81	4.87	5.5	6.147	14.699
7.4	3.807	4.96	7	4.797	4.87	5.487	6.157	14.699
7.6	3.807	4.967	6.997	4.778	4.87	5.481	6.176	14.699
7.8	3.803	4.967	6.994	4.772	4.87	5.475	6.166	14.699
8	3.803	4.96	6.991	4.759	4.87	5.468	6.176	14.699
8.2	3.803	4.96	6.991	4.753	4.87	5.462	6.166	14.699
8.4	3.8	4.96	6.991	4.741	4.87	5.456	6.157	14.699
8.6	3.8	4.96	6.988	4.734	4.87	5.456	6.166	14.699
8.8	3.8	4.954	6.988	4.722	4.87	5.456	6.166	14.699
9	3.797	4.954	6.988	4.715	4.87	5.449	6.166	14.699
9.2	3.797	4.948	6.988	4.709	4.87	5.443	6.157	14.699
9.4	3.797	4.948	6.984	4.703	4.864	5.443	6.166	14.699
9.6	3.797	4.941	6.981	4.697	4.87	5.443	6.157	14.699
9.8	3.797	4.941	6.981	4.69	4.87	5.443	6.147	14.699
10	3.807	4.935	6.981	4.69	4.87	5.437	6.147	14.7
12	3.797	4.916	6.975	4.646	4.87	5.43	6.147	14.697
14	3.797	4.903	6.975	4.634	4.87	5.424	6.147	14.696
16	3.797	4.891	6.975	4.621	4.87	5.424	6.147	14.696

18	3.797	4.878	6.978	4.621	4.876	5.424	6.138	14.695
20	3.803	4.872	6.978	4.621	4.876	5.424	6.147	14.696
22	3.803	4.859	6.981	4.621	4.876	5.424	6.157	14.696
24	3.807	4.853	6.984	4.621	4.876	5.424	6.147	14.695
26	3.81	4.859	6.997	4.621	4.876	5.424	6.157	14.693
28	3.813	4.891	7.016	4.621	4.883	5.424	6.166	14.693
30	3.816	5.036	7.013	4.634	4.883	5.43	6.507	14.692
32	3.819	5.081	7.019	4.665	4.883	5.449	6.526	14.693
34	3.816	5.1	7.016	4.684	4.883	5.456	6.526	14.693
36	3.819	5.1	7.009	4.69	4.889	5.462	6.535	14.692
38	3.816	5.081	6.984	4.697	4.889	5.462	6.535	14.692
40	3.819	5.062	6.997	4.697	4.889	5.462	6.535	14.692
42	3.819	5.049	7.003	4.703	4.895	5.462	6.535	14.692
44	3.822	5.036	7.009	4.703	4.895	5.468	6.526	14.692
46	3.826	5.03	7.013	4.709	4.895	5.468	6.526	14.691
48	3.826	5.024	7.013	4.709	4.895	5.468	6.535	14.691
50	3.832	5.017	7.019	4.709	4.902	5.475	6.516	14.69
52	3.838	5.036	7.05	4.709	4.908	5.475	6.554	14.69
54	3.838	5.043	7.041	4.709	4.908	5.475	6.545	14.69
56	3.838	5.036	7.028	4.715	4.908	5.475	6.554	14.69
58	3.838	5.036	7.035	4.715	4.908	5.475	6.545	14.689
60	3.838	5.043	7.035	4.715	4.908	5.475	6.564	14.688
62	3.835	5.049	7.025	4.715	4.908	5.475	6.564	14.688
64	3.832	5.062	7.022	4.715	4.908	5.475	6.545	14.686
66	3.835	5.062	7.019	4.715	4.908	5.475	6.554	14.686
68	3.835	5.062	7.025	4.715	4.908	5.475	6.573	14.686
70	3.838	5.068	7.025	4.722	4.914	5.481	6.573	14.685
72	3.841	5.074	7.028	4.722	4.914	5.481	6.554	14.685
74	3.848	5.087	7.028	4.722	4.914	5.481	6.554	14.685
76	3.848	5.093	7.031	4.722	4.921	5.481	6.583	14.685
78	3.845	5.1	7.028	4.728	4.921	5.481	6.564	14.684
80	3.845	5.1	7.035	4.728	4.921	5.481	6.573	14.684
82	3.845	5.093	7.031	4.728	4.921	5.487	6.583	14.683
84	3.845	5.1	7.035	4.728	4.921	5.487	6.583	14.683
86	3.845	5.093	7.031	4.728	4.927	5.487	6.583	14.682
88	3.851	5.093	7.031	4.734	4.927	5.487	6.573	14.682
90	3.854	5.093	7.031	4.734	4.927	5.487	6.583	14.683
92	3.857	5.1	7.038	4.734	4.927	5.487	6.592	14.682
94	3.857	5.093	7.041	4.734	4.927	5.487	6.583	14.682
96	3.861	5.106	7.038	4.734	4.927	5.494	6.583	14.682
98	3.861	5.112	7.035	4.741	4.927	5.487	6.602	14.682

				SE2000				
				Environmental Logger				
				9/03 09:05				
			Unit# 2	K-593	Test 1			
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
---	---	---	---	---	---	---	---	---
Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)
Mode	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
I.D.	13-09	13-11	13-OW4	13-OW2	13-12	13-14	13-16	13-RW1
Reference	3.92	3.38	4.29	4.88	3.86	4.52	5.18	6.3
SG	1	1	1	1	1	1	1	1
Linearity	0.048	0.046	0.121	0.238	0.227	0.126	0.1	0.216
Scale factor	9.955	9.958	20.046	30.024	29.864	20.009	20.179	29.166
Offset	0.077	-0.034	0.028	0.014	0.015	0.005	0.049	0.22
Delay mSEC	50	50	50	50	50	50	50	50
			Step 0	8/28/96 16:00	0:00			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
---	---	---	---	---	---	---	---	---
0	3.913	3.386	4.334	4.889	3.86	4.513	5.167	6.346
0.0083	3.913	3.386	4.34	4.889	3.86	4.513	5.167	6.346
0.0166	3.913	3.386	4.34	4.889	3.86	4.513	5.167	6.346
0.025	3.913	3.386	4.34	4.88	3.86	4.513	5.167	6.346
0.0333	3.913	3.386	4.34	4.889	3.86	4.513	5.167	6.327
0.0416	3.913	3.386	4.353	4.889	3.86	4.513	5.167	7.434
0.05	3.91	3.386	4.353	4.889	3.86	4.513	5.167	6.89
0.0583	3.91	3.386	4.353	4.889	3.86	4.52	5.167	7.074
0.0666	3.913	3.386	4.359	4.88	3.86	4.513	5.167	7.517
0.075	3.913	3.386	4.366	4.889	3.86	4.513	5.167	7.876
0.0833	3.913	3.386	4.372	4.88	3.86	4.513	5.167	8.153
0.0916	3.913	3.386	4.385	4.88	3.86	4.52	5.167	8.383
0.1	3.913	3.386	4.397	4.88	3.86	4.52	5.167	8.586
0.1083	3.913	3.389	4.404	4.889	3.86	4.52	5.167	8.789
0.1166	3.916	3.386	4.423	4.88	3.86	4.52	5.167	8.973
0.125	3.913	3.386	4.435	4.88	3.86	4.52	5.167	9.148
0.1333	3.913	3.389	4.454	4.88	3.86	4.526	5.167	9.277
0.1416	3.916	3.386	4.473	4.889	3.86	4.526	5.167	9.415
0.15	3.916	3.389	4.486	4.889	3.86	4.532	5.167	9.535
0.1583	3.916	3.386	4.512	4.889	3.86	4.538	5.167	9.646
0.1666	3.916	3.386	4.531	4.889	3.86	4.538	5.167	9.756
0.175	3.916	3.389	4.55	4.889	3.86	4.545	5.173	9.848
0.1833	3.916	3.389	4.575	4.889	3.86	4.551	5.167	9.941
0.1916	3.916	3.386	4.594	4.898	3.86	4.551	5.167	10.005
0.2	3.916	3.389	4.619	4.898	3.86	4.557	5.167	10.07
0.2083	3.916	3.386	4.638	4.908	3.86	4.564	5.167	10.152
0.2166	3.916	3.386	4.664	4.908	3.85	4.57	5.167	10.208

0.225	3.92	3.386	4.683	4.917	3.85	4.576	5.167	10.254
0.2333	3.92	3.389	4.702	4.917	3.86	4.583	5.173	10.318
0.2416	3.92	3.389	4.721	4.927	3.85	4.589	5.167	10.355
0.25	3.92	3.389	4.74	4.927	3.86	4.595	5.173	10.401
0.2583	3.92	3.389	4.765	4.936	3.85	4.602	5.173	10.447
0.2666	3.92	3.389	4.784	4.936	3.85	4.608	5.173	10.484
0.275	3.92	3.386	4.803	4.946	3.85	4.614	5.173	10.512
0.2833	3.92	3.389	4.822	4.955	3.85	4.621	5.173	10.558
0.2916	3.92	3.389	4.841	4.955	3.85	4.633	5.173	10.539
0.3	3.92	3.389	4.867	4.965	3.85	4.639	5.173	10.567
0.3083	3.923	3.389	4.873	4.974	3.85	4.652	5.173	10.585
0.3166	3.923	3.389	4.899	4.984	3.85	4.652	5.173	10.622
0.325	3.923	3.389	4.911	4.984	3.85	4.665	5.173	10.65
0.3333	3.923	3.389	4.93	4.993	3.85	4.671	5.173	10.65
0.35	3.923	3.389	4.962	5.003	3.85	4.69	5.18	10.678
0.3666	3.923	3.389	4.994	5.022	3.85	4.709	5.18	10.714
0.3833	3.926	3.389	5.019	5.031	3.85	4.728	5.18	10.742
0.4	3.923	3.389	5.044	5.05	3.86	4.747	5.186	10.77
0.4166	3.923	3.389	5.07	5.06	3.85	4.759	5.186	10.797
0.4333	3.926	3.389	5.095	5.079	3.85	4.778	5.186	10.825
0.45	3.926	3.389	5.121	5.088	3.85	4.797	5.192	10.843
0.4666	3.926	3.389	5.14	5.098	3.86	4.81	5.192	10.871
0.4833	3.926	3.389	5.159	5.107	3.85	4.829	5.199	10.89
0.5	3.926	3.389	5.178	5.126	3.85	4.848	5.199	10.908
0.5166	3.926	3.389	5.203	5.136	3.86	4.867	5.199	10.945
0.5333	3.926	3.389	5.216	5.145	3.86	4.886	5.205	10.954
0.55	3.926	3.392	5.235	5.164	3.85	4.898	5.205	10.972
0.5666	3.926	3.392	5.247	5.174	3.86	4.917	5.211	11.009
0.5833	3.926	3.392	5.266	5.183	3.86	4.93	5.218	11.009
0.6	3.926	3.392	5.279	5.193	3.86	4.949	5.218	11.028
0.6166	3.926	3.392	5.292	5.202	3.86	4.962	5.224	11.037
0.6333	3.929	3.392	5.311	5.212	3.86	4.981	5.224	11.065
0.65	3.926	3.392	5.324	5.221	3.86	4.993	5.23	11.092
0.6666	3.929	3.395	5.336	5.231	3.86	5.006	5.23	11.092
0.6833	3.929	3.392	5.349	5.24	3.869	5.025	5.23	11.101
0.7	3.929	3.395	5.362	5.25	3.869	5.037	5.237	11.12
0.7166	3.929	3.395	5.374	5.259	3.869	5.05	5.243	11.12
0.7333	3.929	3.395	5.387	5.259	3.869	5.063	5.243	11.147
0.75	3.929	3.395	5.4	5.269	3.878	5.075	5.25	11.157
0.7666	3.929	3.395	5.406	5.278	3.878	5.088	5.25	11.166
0.7833	3.929	3.395	5.419	5.288	3.878	5.1	5.25	11.184
0.8	3.929	3.398	5.431	5.297	3.878	5.119	5.256	11.212
0.8166	3.929	3.398	5.438	5.307	3.888	5.126	5.262	11.212
0.8333	3.929	3.398	5.45	5.316	3.897	5.138	5.269	11.194
0.85	3.929	3.398	5.457	5.316	3.888	5.151	5.269	11.221
0.8666	3.932	3.398	5.463	5.326	3.897	5.164	5.275	11.23
0.8833	3.932	3.398	5.476	5.335	3.897	5.176	5.275	11.249
0.9	3.932	3.402	5.482	5.345	3.897	5.183	5.275	11.249
0.9166	3.932	3.402	5.495	5.345	3.907	5.195	5.281	11.267
0.9333	3.932	3.402	5.501	5.354	3.916	5.208	5.288	11.276
0.95	3.932	3.405	5.508	5.364	3.916	5.214	5.288	11.276

0.9666	3.932	3.405	5.52	5.364	3.916	5.227	5.294	11.286
0.9833	3.932	3.405	5.527	5.373	3.916	5.239	5.3	11.286
1	3.935	3.408	5.539	5.383	3.925	5.246	5.3	11.322
1.2	3.938	3.417	5.622	5.449	3.963	5.347	5.339	11.267
1.4	3.945	3.427	5.679	5.497	3.991	5.416	5.37	11.258
1.6	3.948	3.439	5.729	5.525	4.001	5.473	5.402	11.286
1.8	3.954	3.452	5.78	5.554	4.001	5.511	5.428	11.322
2	3.957	3.464	5.799	5.582	4.001	5.549	5.447	11.359
2.2	3.96	3.48	5.831	5.601	4.001	5.58	5.466	11.378
2.4	3.964	3.49	5.856	5.62	4.001	5.606	5.472	11.405
2.6	3.967	3.499	5.869	5.639	4.001	5.625	5.485	11.424
2.8	3.97	3.512	5.882	5.649	4.001	5.644	5.498	11.433
3	3.973	3.527	5.875	5.658	4.001	5.662	5.504	10.742
3.2	3.973	3.54	5.749	5.649	4.001	5.644	5.511	10.208
3.4	3.973	3.553	5.653	5.611	4.01	5.593	5.511	10.07
3.6	3.976	3.565	5.603	5.592	4.01	5.549	5.504	9.987
3.8	3.979	3.575	5.565	5.573	4.02	5.511	5.498	9.95
4	3.979	3.584	5.539	5.554	4.01	5.486	5.491	9.95
4.2	3.982	3.594	5.52	5.544	4.01	5.467	5.491	9.931
4.4	3.982	3.603	5.501	5.535	4.01	5.454	5.485	9.894
4.6	3.982	3.612	5.488	5.535	4.01	5.441	5.479	9.858
4.8	3.986	3.619	5.476	5.525	4.01	5.435	5.479	9.507
5	3.982	3.628	5.317	5.506	4.01	5.397	5.472	8.236
5.2	3.982	3.634	5.159	5.44	4.01	5.309	5.466	7.996
5.4	3.982	3.638	5.057	5.373	4.01	5.227	5.453	7.885
5.6	3.982	3.644	4.994	5.335	4.001	5.157	5.434	7.802
5.8	3.979	3.644	4.949	5.297	4.01	5.1	5.415	7.701
6	3.979	3.647	4.918	5.269	4.001	5.056	5.402	7.729
6.2	3.976	3.647	4.886	5.25	4.001	5.025	5.39	7.719
6.4	3.976	3.647	4.867	5.231	4.001	4.999	5.377	7.636
6.6	3.973	3.647	4.848	5.221	4.001	4.974	5.364	7.636
6.8	3.973	3.647	4.835	5.212	4.001	4.962	5.358	7.636
7	3.97	3.644	4.816	5.193	4.001	4.943	5.351	7.655
7.2	3.97	3.644	4.822	5.183	3.991	4.93	5.345	7.747
7.4	3.97	3.641	4.829	5.183	3.991	4.93	5.339	7.821
7.6	3.97	3.641	4.835	5.193	4.001	4.93	5.332	7.885
7.8	3.967	3.638	4.841	5.193	3.991	4.93	5.332	7.765
8	3.967	3.638	4.835	5.193	4.001	4.93	5.332	7.848
8.2	3.967	3.634	4.829	5.193	3.991	4.93	5.326	7.858
8.4	3.964	3.631	4.835	5.183	3.991	4.93	5.326	7.83
8.6	3.964	3.631	4.829	5.183	3.991	4.93	5.326	7.895
8.8	3.964	3.628	4.86	5.183	3.991	4.924	5.326	7.802
9	3.964	3.625	4.854	5.183	3.991	4.924	5.32	7.848
9.2	3.964	3.625	4.854	5.183	3.991	4.924	5.32	7.821
9.4	3.964	3.622	4.854	5.174	3.991	4.917	5.32	7.793
9.6	3.964	3.622	4.848	5.174	3.991	4.917	5.32	7.839
9.8	3.964	3.619	4.848	5.174	3.991	4.917	5.32	7.839
10	3.964	3.619	4.848	5.174	3.991	4.917	5.32	7.885
12	3.964	3.603	4.829	5.183	4.01	4.917	5.32	7.821
14	3.964	3.59	4.829	5.174	4.01	4.911	5.313	7.83
16	3.964	3.581	4.822	5.164	3.991	4.898	5.3	7.821

18	3.967	3.575	4.816	5.174	4.01	4.911	5.313	7.839
20	3.967	3.575	4.81	5.183	4.01	4.911	5.32	7.83
22	3.967	3.571	4.816	5.183	4.01	4.911	5.32	7.747
24	3.967	3.568	4.829	5.183	4.01	4.911	5.32	7.812
26	3.97	3.571	4.867	5.183	4.01	4.911	5.326	7.913
28	3.973	3.571	4.911	5.193	4.01	4.911	5.339	7.83
30	3.976	3.571	4.994	5.221	4.01	4.962	5.351	8.236
32	3.979	3.578	5.019	5.24	4.01	4.993	5.358	8.254
34	3.979	3.584	5.032	5.25	4.001	5.006	5.364	8.199
36	3.986	3.597	4.994	5.259	4.001	5.012	5.37	8.272
38	3.982	3.597	4.956	5.25	4.001	5.012	5.351	8.171
40	3.982	3.603	4.956	5.259	4.001	5.012	5.358	8.254
42	3.986	3.609	4.949	5.259	4.001	5.018	5.364	8.18
44	3.986	3.609	4.956	5.259	4.001	5.018	5.364	8.19
46	3.989	3.616	4.949	5.269	4.001	5.018	5.364	8.208
48	3.989	3.616	4.949	5.269	4.001	5.018	5.364	8.254
50	3.992	3.619	4.949	5.269	4.001	5.018	5.37	8.199
52	3.998	3.625	5.032	5.278	4.001	5.025	5.383	8.19
54	3.998	3.622	5.038	5.278	3.991	5.025	5.383	8.18
56	3.998	3.622	5.032	5.278	3.991	5.025	5.383	8.328
58	3.998	3.622	5.044	5.278	3.991	5.025	5.383	8.328
60	3.998	3.625	5.038	5.288	3.991	5.025	5.383	8.272
62	4.001	3.625	5.044	5.288	3.991	5.025	5.383	8.355
64	4.001	3.625	5.032	5.288	3.991	5.025	5.383	8.245
66	4.001	3.625	5.025	5.288	3.991	5.025	5.383	8.217
68	4.001	3.625	5.013	5.288	3.991	5.025	5.377	8.291
70	4.004	3.628	5.013	5.297	3.991	5.031	5.383	8.346
72	4.004	3.628	5	5.297	3.991	5.031	5.383	8.337
74	4.004	3.628	4.987	5.297	3.991	5.031	5.39	8.245
76	4.008	3.631	4.994	5.297	3.982	5.031	5.39	8.328
78	4.008	3.631	5.006	5.297	3.982	5.031	5.39	8.282
80	4.008	3.628	5.013	5.307	3.982	5.037	5.39	8.337
82	4.011	3.631	5.013	5.307	3.982	5.037	5.396	8.309
84	4.011	3.634	5.013	5.316	3.982	5.037	5.402	8.337
86	4.011	3.631	5.013	5.307	3.982	5.037	5.396	8.346
88	4.008	3.634	4.994	5.316	3.982	5.044	5.396	8.42
90	4.008	3.631	4.981	5.307	3.963	5.031	5.383	8.337
92	4.011	3.634	4.981	5.307	3.963	5.031	5.383	8.346
94	4.011	3.638	4.994	5.316	3.973	5.044	5.396	8.328
96	4.014	3.638	4.994	5.326	3.982	5.044	5.409	8.346
98	4.011	3.634	4.968	5.316	3.963	5.037	5.396	8.309
100	-11.39	10.583	3.521	-15.994	-48.896	11.488	-1.707	-7.769
115	-13.011	10.584	10.014	-50.331	-24.556	11.486	-0.075	-26.752
130	6.374	10.582	8.392	-15.994	-61.123	11.482	-3.34	-10.138
145	-12.204	10.58	3.521	-50.331	-12.447	0.089	4.594	13.532
160	-6.493	-7.934	11.566	-3.822	-26.827	5.113	-14.811	13.476
175	-5.685	-8.743	11.566	-6.259	-26.827	5.113	-9.904	13.476
190	-6.493	-7.934	11.566	-6.259	-26.827	5.113	-8.269	13.476
205	-5.685	-7.934	11.566	-6.259	-29.256	5.113	-23.001	13.476
220	-5.685	-7.934	11.566	-6.259	-26.827	5.113	-11.539	13.476
235	-5.685	-7.934	11.566	-6.259	-26.827	5.113	-31.206	13.476

SE1000C		
Environmental Logger		
09/03 10:49		
Unit# 01597 Test 1		
Setups:	INPUT 1	
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Type	Level (F)	
Mode	TOC	
I.D.	13-OW5	
Reference	7.080	
Linearity	0.050	
Scale factor	10.050	
Offset	-0.040	
Delay mSEC	50.000	
Step 0 08/28 15:30:01		
Elapsed Time	INPUT 1	
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0.0000	7.080	
0.0033	7.080	
0.0066	7.080	
0.0100	7.080	
0.0133	7.080	
0.0166	7.080	
0.0200	7.080	
0.0233	7.080	
0.0266	7.080	
0.0300	7.080	
0.0333	7.080	
0.0500	7.083	
0.0666	7.083	
0.0833	7.083	
0.1000	7.083	
0.1166	7.083	
0.1333	7.083	
0.1500	7.083	
0.1666	7.083	
0.1833	7.083	
0.2000	7.083	
0.2166	7.083	
0.2333	7.083	
0.2500	7.083	
0.2666	7.083	
0.2833	7.083	
0.3000	7.083	
0.3166	7.083	

0.3333	7.083	
0.4166	7.083	
0.5000	7.083	
0.5833	7.083	
0.6666	7.083	
0.7500	7.083	
0.8333	7.083	
0.9166	7.083	
1.0000	7.083	
1.0833	7.083	
1.1666	7.083	
1.2500	7.083	
1.3333	7.083	
1.4166	7.083	
1.5000	7.083	
1.5833	7.083	
1.6666	7.083	
1.7500	7.083	
1.8333	7.083	
1.9166	7.083	
2.0000	7.083	
2.5000	7.083	
3.0000	7.083	
3.5000	7.083	
4.0000	7.083	
4.5000	7.083	
5.0000	7.083	
5.5000	7.083	
6.0000	7.083	
6.5000	7.083	
7.0000	7.083	
7.5000	7.083	
8.0000	7.083	
8.5000	7.083	
9.0000	7.083	
9.5000	7.083	
10.0000	7.083	
12.0000	7.073	
14.0000	7.073	
16.0000	7.073	
18.0000	7.073	
20.0000	7.073	
22.0000	7.073	
24.0000	7.073	
26.0000	7.073	
28.0000	7.073	
30.0000	7.083	
32.0000	7.163	
34.0000	7.198	
36.0000	7.175	
38.0000	7.147	

40.0000	7.140	
42.0000	7.134	
44.0000	7.134	
46.0000	7.134	
48.0000	7.134	
50.0000	7.134	
52.0000	7.134	
54.0000	7.134	
56.0000	7.134	
58.0000	7.134	
60.0000	7.137	
62.0000	7.143	
64.0000	7.147	
66.0000	7.150	
68.0000	7.153	
70.0000	7.153	
72.0000	7.153	
74.0000	7.153	
76.0000	7.156	
78.0000	7.156	
80.0000	7.156	
82.0000	7.156	
84.0000	7.156	
86.0000	7.159	
88.0000	7.159	
90.0000	7.159	
92.0000	7.159	
94.0000	7.159	
96.0000	7.156	
98.0000	7.159	
100.000	7.163	
110.000	7.166	
120.000	7.169	
130.000	7.175	
140.000	7.258	
150.000	7.268	
160.000	7.278	
170.000	7.284	
180.000	7.290	
190.000	7.297	
200.000	7.300	
210.000	7.303	
220.000	7.306	
230.000	7.313	
240.000	7.364	
250.000	7.374	
260.000	7.377	
270.000	7.377	
280.000	7.386	
290.000	7.393	
300.000	7.396	

310.000	7.399	
320.000	7.405	
330.000	7.399	
340.000	7.210	
350.000	7.194	
360.000	7.188	
370.000	7.185	
380.000	7.182	
390.000	7.182	
400.000	7.178	
410.000	7.178	
420.000	7.175	
430.000	7.175	
440.000	7.172	
450.000	7.172	
460.000	7.172	
470.000	7.172	
480.000	7.172	
490.000	7.169	
500.000	7.169	
510.000	7.169	
520.000	7.169	
530.000	7.166	
540.000	7.169	
550.000	7.166	
560.000	7.166	
570.000	7.166	
580.000	7.166	
590.000	7.166	
600.000	7.166	
610.000	7.166	
620.000	7.163	
630.000	7.163	
640.000	7.163	
650.000	7.166	
660.000	7.163	
670.000	7.163	
680.000	7.163	
690.000	7.163	
700.000	7.166	
710.000	7.166	
720.000	7.166	
730.000	7.166	
740.000	7.169	
750.000	7.169	
760.000	7.169	
770.000	7.169	
780.000	7.169	
790.000	7.169	
800.000	7.169	
810.000	7.169	

820.000	7.169	
830.000	7.169	
840.000	7.169	
850.000	7.172	
860.000	7.169	
870.000	7.172	
880.000	7.172	
890.000	7.172	
900.000	7.172	
910.000	7.172	
920.000	7.175	
930.000	7.175	
940.000	7.175	
950.000	7.175	
960.000	7.175	
970.000	7.175	
980.000	7.178	
990.000	7.178	
1000.00	7.178	
1020.00	7.178	
1040.00	7.178	

				SE2000				
				Environmental Logger				
				9/03 10:19				
			Unit# C		Test 1			
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Function
Mode	TOC	TOC	TOC	TOC	TOC	TOC	TOC	
I.D.	13-10	13-OW1	13-OW3	13-13	13-15	13-17	RP	BP
Reference	3.62	4.48	6.85	4.32	4.82	5.26	4.69	
SG	1	1	1	1	1	1	1	
Linearity	0.045	0.126	0.024	0.118	0.109	0.117	-0.006	0.041
Scale factor	10.027	19.992	9.921	19.906	20.045	19.999	30.024	7.96
Offset	-0.022	0.054	-0.021	-0.009	0.016	-0.004	-0.041	7.992
Delay mSEC	50	50	50	50	50	50	50	50
			Step 1	8/28/96 17:00	40:00:00			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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0	3.861	5.106	7.038	4.728	4.927	5.487	6.573	14.68
0.0083	3.867	5.106	7.038	4.728	4.921	5.487	6.583	14.68
0.0166	3.87	5.106	7.038	4.728	4.921	5.487	6.573	14.68
0.025	3.87	5.106	7.041	4.728	4.921	5.487	6.583	14.68
0.0333	3.873	5.106	7.041	4.728	4.921	5.487	6.573	14.68
0.0416	3.876	5.106	7.041	4.728	4.927	5.487	6.583	14.68
0.05	3.876	5.106	7.038	4.734	4.921	5.487	6.573	14.68
0.0583	3.876	5.106	7.038	4.728	4.921	5.487	6.592	14.68
0.0666	3.88	5.106	7.041	4.728	4.921	5.487	6.573	14.679
0.075	3.88	5.106	7.038	4.728	4.921	5.487	6.573	14.679
0.0833	3.883	5.106	7.038	4.728	4.921	5.487	6.583	14.68
0.0916	3.883	5.106	7.041	4.728	4.921	5.487	6.621	14.68
0.1	3.883	5.106	7.041	4.728	4.921	5.487	6.763	14.68
0.1083	3.883	5.112	7.038	4.728	4.921	5.487	6.819	14.68
0.1166	3.886	5.112	7.041	4.728	4.921	5.487	6.867	14.679
0.125	3.886	5.119	7.038	4.728	4.927	5.487	6.961	14.679
0.1333	3.886	5.125	7.041	4.728	4.921	5.487	7.094	14.68
0.1416	3.886	5.131	7.038	4.728	4.921	5.487	7.217	14.68
0.15	3.889	5.144	7.041	4.734	4.921	5.487	7.321	14.68
0.1583	3.889	5.15	7.041	4.728	4.921	5.487	7.416	14.679
0.1666	3.889	5.169	7.038	4.728	4.921	5.487	7.501	14.679
0.175	3.889	5.182	7.038	4.728	4.921	5.487	7.577	14.679
0.1833	3.889	5.195	7.038	4.728	4.921	5.487	7.652	14.679
0.1916	3.892	5.207	7.041	4.728	4.921	5.487	7.709	14.68
0.2	3.892	5.226	7.041	4.728	4.921	5.487	7.766	14.68
0.2083	3.892	5.239	7.041	4.728	4.921	5.487	7.813	14.679
0.2166	3.892	5.258	7.038	4.728	4.921	5.487	7.861	14.679

0.225	3.895	5.277	7.041	4.728	4.921	5.487	7.908	14.679
0.2333	3.895	5.289	7.038	4.728	4.921	5.487	7.946	14.68
0.2416	3.895	5.308	7.038	4.728	4.921	5.487	7.984	14.68
0.25	3.899	5.321	7.038	4.728	4.921	5.487	8.031	14.68
0.2583	3.899	5.34	7.038	4.734	4.921	5.487	8.069	14.679
0.2666	3.899	5.353	7.041	4.728	4.921	5.487	8.097	14.679
0.275	3.899	5.372	7.041	4.728	4.921	5.487	8.126	14.679
0.2833	3.899	5.384	7.038	4.728	4.921	5.487	8.145	14.679
0.2916	3.902	5.397	7.041	4.734	4.921	5.487	8.173	14.68
0.3	3.902	5.41	7.038	4.728	4.927	5.487	8.192	14.679
0.3083	3.902	5.429	7.038	4.728	4.921	5.487	8.23	14.679
0.3166	3.902	5.441	7.038	4.728	4.921	5.487	8.249	14.679
0.325	3.902	5.448	7.038	4.728	4.921	5.487	8.258	14.679
0.3333	3.902	5.467	7.041	4.728	4.921	5.487	8.287	14.68
0.35	3.902	5.486	7.038	4.734	4.927	5.487	8.315	14.68
0.3666	3.902	5.511	7.038	4.728	4.927	5.494	8.353	14.679
0.3833	3.902	5.53	7.038	4.734	4.927	5.487	8.372	14.68
0.4	3.902	5.549	7.038	4.734	4.927	5.494	8.41	14.68
0.4166	3.902	5.568	7.038	4.734	4.927	5.487	8.419	14.679
0.4333	3.905	5.58	7.038	4.734	4.927	5.494	8.448	14.68
0.45	3.905	5.599	7.038	4.734	4.921	5.487	8.466	14.68
0.4666	3.905	5.612	7.041	4.741	4.927	5.494	8.476	14.68
0.4833	3.905	5.625	7.041	4.734	4.927	5.487	8.504	14.68
0.5	3.905	5.637	7.041	4.741	4.927	5.487	8.504	14.68
0.5166	3.905	5.65	7.041	4.741	4.927	5.487	8.523	14.68
0.5333	3.908	5.663	7.041	4.741	4.927	5.494	8.533	14.68
0.55	3.908	5.669	7.041	4.741	4.921	5.494	8.552	14.68
0.5666	3.908	5.682	7.041	4.741	4.927	5.494	8.571	14.68
0.5833	3.908	5.688	7.041	4.741	4.927	5.494	8.58	14.68
0.6	3.908	5.701	7.041	4.741	4.927	5.494	8.58	14.68
0.6166	3.911	5.707	7.044	4.747	4.927	5.494	8.599	14.68
0.6333	3.911	5.72	7.044	4.747	4.927	5.494	8.608	14.68
0.65	3.911	5.726	7.044	4.753	4.927	5.494	8.618	14.68
0.6666	3.911	5.732	7.044	4.747	4.927	5.494	8.627	14.68
0.6833	3.914	5.739	7.047	4.747	4.927	5.494	8.627	14.68
0.7	3.914	5.745	7.047	4.753	4.927	5.494	8.637	14.68
0.7166	3.914	5.758	7.047	4.759	4.927	5.5	8.646	14.68
0.7333	3.914	5.764	7.047	4.759	4.927	5.5	8.656	14.68
0.75	3.914	5.77	7.05	4.753	4.927	5.5	8.656	14.68
0.7666	3.918	5.777	7.05	4.753	4.927	5.5	8.665	14.68
0.7833	3.918	5.783	7.05	4.759	4.927	5.5	8.675	14.68
0.8	3.918	5.783	7.053	4.759	4.927	5.5	8.675	14.68
0.8166	3.921	5.789	7.053	4.759	4.927	5.5	8.684	14.68
0.8333	3.921	5.796	7.053	4.766	4.927	5.506	8.684	14.68
0.85	3.921	5.802	7.053	4.759	4.927	5.506	8.694	14.68
0.8666	3.921	5.808	7.057	4.766	4.927	5.5	8.703	14.679
0.8833	3.921	5.815	7.057	4.766	4.927	5.506	8.703	14.68
0.9	3.924	5.815	7.057	4.772	4.927	5.506	8.703	14.68
0.9166	3.924	5.821	7.057	4.772	4.927	5.506	8.713	14.68
0.9333	3.924	5.827	7.06	4.772	4.927	5.506	8.713	14.68
0.95	3.927	5.827	7.06	4.778	4.927	5.513	8.722	14.68

0.9666	3.927	5.834	7.063	4.772	4.927	5.506	8.741	14.68
0.9833	3.927	5.84	7.063	4.778	4.927	5.513	8.732	14.68
1	3.927	5.84	7.063	4.778	4.927	5.513	8.732	14.679
1.2	3.921	5.878	7.075	4.791	4.927	5.525	8.779	14.679
1.4	3.924	5.909	7.088	4.816	4.933	5.538	8.817	14.68
1.6	3.93	5.935	7.097	4.835	4.933	5.551	8.836	14.68
1.8	3.933	5.954	7.11	4.86	4.94	5.563	8.845	14.68
2	3.937	5.973	7.116	4.873	4.94	5.576	8.874	14.68
2.2	3.943	5.985	7.126	4.891	4.94	5.589	8.883	14.68
2.4	3.949	5.998	7.135	4.91	4.94	5.601	8.902	14.68
2.6	3.952	6.011	7.141	4.929	4.94	5.614	8.902	14.68
2.8	3.956	6.023	7.148	4.948	4.946	5.62	8.911	14.679
3	3.959	6.03	7.151	4.961	4.946	5.633	8.921	14.679
3.2	3.965	6.036	7.154	4.979	4.946	5.639	8.93	14.68
3.4	3.965	6.042	7.16	4.992	4.946	5.646	8.949	14.679
3.6	3.968	6.049	7.163	5.005	4.946	5.658	8.94	14.679
3.8	3.971	6.055	7.166	5.023	4.946	5.665	8.959	14.679
4	3.975	6.061	7.169	5.03	4.946	5.665	8.949	14.679
4.2	3.978	6.061	7.173	5.042	4.952	5.677	8.959	14.679
4.4	3.981	6.068	7.176	5.049	4.952	5.677	8.968	14.679
4.6	3.981	6.074	7.179	5.061	4.952	5.684	8.968	14.679
4.8	3.984	6.08	7.179	5.067	4.952	5.69	8.968	14.679
5	3.987	6.08	7.182	5.08	4.952	5.69	8.978	14.679
5.2	3.991	6.08	7.182	5.08	4.952	5.696	8.968	14.679
5.4	3.991	6.087	7.185	5.099	4.952	5.696	8.978	14.679
5.6	3.994	6.087	7.185	5.105	4.952	5.703	8.987	14.679
5.8	3.994	6.087	7.188	5.111	4.959	5.703	8.978	14.679
6	3.997	6.093	7.191	5.111	4.959	5.703	8.978	14.679
6.2	3.997	6.099	7.191	5.124	4.959	5.709	8.978	14.679
6.4	4	6.099	7.195	5.124	4.959	5.709	8.997	14.679
6.6	4	6.106	7.195	5.13	4.959	5.715	8.987	14.679
6.8	4.003	6.106	7.195	5.13	4.959	5.715	8.997	14.678
7	4.003	6.106	7.198	5.137	4.959	5.715	8.997	14.679
7.2	4.003	6.112	7.198	5.143	4.959	5.715	9.006	14.679
7.4	4.006	6.112	7.198	5.149	4.965	5.715	8.997	14.679
7.6	4.006	6.112	7.198	5.149	4.959	5.722	9.006	14.679
7.8	4.006	6.112	7.198	5.155	4.965	5.722	8.997	14.679
8	4.01	6.118	7.201	5.162	4.965	5.722	9.006	14.679
8.2	4.01	6.118	7.201	5.162	4.965	5.722	9.006	14.678
8.4	4.01	6.118	7.201	5.162	4.965	5.728	9.006	14.678
8.6	4.013	6.125	7.201	5.168	4.965	5.728	9.006	14.679
8.8	4.013	6.125	7.201	5.168	4.965	5.728	9.006	14.678
9	4.013	6.125	7.201	5.168	4.965	5.728	9.016	14.678
9.2	4.013	6.131	7.201	5.174	4.965	5.728	9.016	14.679
9.4	4.016	6.131	7.204	5.181	4.965	5.728	9.016	14.679
9.6	4.016	6.131	7.204	5.181	4.965	5.734	9.016	14.679
9.8	4.016	6.131	7.204	5.174	4.965	5.734	9.016	14.679
10	4.022	6.137	7.204	5.181	4.965	5.734	9.006	14.678
12	4.022	6.15	7.207	5.206	4.978	5.741	9.034	14.678
14	4.022	6.162	7.21	5.212	4.984	5.747	9.044	14.678
16	4.022	6.169	7.217	5.218	4.99	5.753	9.053	14.679

18	4.022	6.175	7.22	5.225	4.99	5.753	9.063	14.678
20	4.025	6.181	7.22	5.231	4.997	5.76	9.063	14.679
22	4.032	6.188	7.223	5.237	4.997	5.76	9.053	14.679
24	4.038	6.2	7.226	5.237	5.003	5.76	9.072	14.68
26	4.044	6.2	7.229	5.243	5.003	5.766	9.082	14.68
28	4.051	6.2	7.232	5.243	5.009	5.766	9.091	14.681
30	4.054	6.188	7.235	5.25	5.009	5.772	9.082	14.682
32	4.054	6.188	7.238	5.25	5.009	5.772	9.082	14.682
34	4.054	6.181	7.242	5.256	5.016	5.772	9.091	14.683
36	4.054	6.175	7.242	5.256	5.016	5.779	9.091	14.683
38	4.057	6.169	7.245	5.262	5.022	5.779	9.101	14.684
40	4.06	6.162	7.248	5.262	5.022	5.779	9.101	14.684
42	4.06	6.144	7.251	5.256	5.016	5.779	9.091	14.683
44	4.063	6.137	7.251	5.256	5.022	5.779	9.091	14.685
46	4.07	6.131	7.254	5.256	5.022	5.779	9.101	14.684
48	4.073	6.125	7.26	5.262	5.028	5.785	9.11	14.684
50	4.073	6.125	7.26	5.269	5.035	5.785	9.12	14.688
52	4.079	6.118	7.26	5.275	5.041	5.791	9.11	14.688
54	4.082	6.106	7.26	5.275	5.041	5.791	9.11	14.688
56	4.086	6.099	7.264	5.281	5.041	5.791	9.11	14.688
58	4.089	6.08	7.264	5.281	5.047	5.791	9.12	14.689
60	4.092	6.068	7.27	5.281	5.047	5.797	9.12	14.689
62	4.095	6.061	7.273	5.281	5.047	5.797	9.101	14.69
64	4.092	6.042	7.264	5.281	5.047	5.797	9.101	14.691
66	4.092	6.023	7.267	5.287	5.054	5.797	9.091	14.691
68	4.095	6.004	7.27	5.287	5.054	5.797	9.11	14.691
70	4.095	5.992	7.27	5.287	5.054	5.797	9.101	14.691
72	4.098	5.973	7.27	5.287	5.06	5.797	9.11	14.691
74	4.101	5.954	7.267	5.287	5.06	5.804	9.101	14.69
76	4.105	5.941	7.267	5.294	5.06	5.804	9.101	14.69
78	4.108	5.928	7.267	5.294	5.066	5.804	9.12	14.691
80	4.111	5.909	7.273	5.294	5.066	5.804	9.12	14.691
82	4.114	5.903	7.276	5.294	5.066	5.804	9.12	14.692
84	4.117	5.89	7.276	5.3	5.073	5.81	9.11	14.693
86	4.117	5.878	7.279	5.3	5.073	5.81	9.129	14.693
88	4.121	5.865	7.279	5.3	5.073	5.81	9.139	14.693
90	4.124	5.859	7.282	5.3	5.079	5.81	9.129	14.693
92	4.127	5.853	7.282	5.306	5.079	5.81	9.129	14.694
94	4.127	5.84	7.286	5.306	5.079	5.81	9.139	14.694
96	4.13	5.834	7.286	5.306	5.079	5.816	9.139	14.694
98	4.13	5.815	7.286	5.3	5.073	5.81	9.129	14.692

				SE2000				
				Environmental Logger				
				9/03 08:18				
			Unit# 2	K-593	Test 1			
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)
Mode	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
I.D.	13-09	13-11	13-OW4	13-OW2	13-12	13-14	13-16	13-RW1
Reference	3.92	3.38	4.29	4.88	3.86	4.52	5.18	6.3
SG	1	1	1	1	1	1	1	1
Linearity	0.048	0.046	0.121	0.238	0.227	0.126	0.1	0.216
Scale factor	9.955	9.958	20.046	30.024	29.864	20.009	20.179	29.166
Offset	0.077	-0.034	0.028	0.014	0.015	0.005	0.049	0.22
Delay mSEC	50	50	50	50	50	50	50	50
			Step 2	8/28/96 17:00	40:00:00			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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0	4.011	3.634	4.994	5.316	3.963	5.037	5.396	8.374
0.0083	4.011	3.638	4.987	5.316	3.954	5.037	5.396	8.402
0.0166	4.011	3.634	4.994	5.316	3.954	5.037	5.396	8.411
0.025	4.011	3.638	4.994	5.316	3.954	5.031	5.396	8.328
0.0333	4.011	3.638	4.994	5.316	3.954	5.037	5.396	8.392
0.0416	4.011	3.638	4.994	5.316	3.954	5.037	5.396	8.282
0.05	4.011	3.638	4.994	5.316	3.954	5.037	5.396	8.346
0.0583	4.011	3.638	4.994	5.316	3.954	5.037	5.396	8.319
0.0666	4.011	3.638	4.994	5.316	3.954	5.037	5.396	8.337
0.075	4.011	3.638	5	5.316	3.954	5.037	5.396	8.374
0.0833	4.011	3.638	4.994	5.316	3.963	5.037	5.402	8.383
0.0916	4.011	3.638	4.994	5.316	3.954	5.037	5.402	8.346
0.1	4.011	3.638	4.994	5.316	3.954	5.037	5.402	8.42
0.1083	4.011	3.638	5	5.316	3.954	5.037	5.396	8.494
0.1166	4.011	3.638	5	5.316	3.954	5.037	5.396	8.558
0.125	4.011	3.638	5	5.316	3.954	5.037	5.396	8.623
0.1333	4.011	3.638	5	5.316	3.954	5.037	5.396	8.724
0.1416	4.011	3.638	5	5.316	3.954	5.037	5.396	8.862
0.15	4.011	3.638	5	5.307	3.954	5.037	5.396	8.964
0.1583	4.011	3.638	5.006	5.316	3.954	5.037	5.396	9.084
0.1666	4.011	3.638	5.013	5.316	3.954	5.037	5.396	9.185
0.175	4.011	3.638	5.019	5.316	3.954	5.037	5.396	9.259
0.1833	4.011	3.638	5.019	5.316	3.963	5.037	5.396	9.342
0.1916	4.011	3.638	5.025	5.316	3.954	5.037	5.396	9.406
0.2	4.011	3.638	5.032	5.316	3.954	5.044	5.396	9.452
0.2083	4.011	3.638	5.038	5.316	3.954	5.044	5.396	9.535
0.2166	4.011	3.638	5.044	5.316	3.963	5.044	5.396	9.6

0.225	4.011	3.638	5.051	5.316	3.963	5.044	5.402	9.636
0.2333	4.011	3.638	5.057	5.316	3.954	5.044	5.396	9.673
0.2416	4.011	3.638	5.07	5.316	3.954	5.044	5.396	9.719
0.25	4.014	3.638	5.076	5.316	3.954	5.05	5.396	9.765
0.2583	4.014	3.638	5.089	5.316	3.954	5.05	5.396	9.802
0.2666	4.011	3.638	5.095	5.326	3.963	5.05	5.396	9.839
0.275	4.014	3.638	5.102	5.326	3.954	5.056	5.396	9.867
0.2833	4.014	3.638	5.114	5.326	3.954	5.056	5.396	9.904
0.2916	4.011	3.638	5.121	5.326	3.954	5.056	5.402	9.922
0.3	4.014	3.638	5.127	5.326	3.954	5.063	5.396	9.968
0.3083	4.014	3.638	5.14	5.335	3.954	5.063	5.396	9.968
0.3166	4.014	3.638	5.146	5.335	3.954	5.069	5.396	10.005
0.325	4.011	3.638	5.152	5.335	3.954	5.069	5.396	10.033
0.3333	4.014	3.638	5.165	5.335	3.954	5.075	5.396	10.042
0.35	4.014	3.638	5.178	5.345	3.963	5.082	5.402	10.051
0.3666	4.014	3.638	5.19	5.345	3.963	5.088	5.402	10.106
0.3833	4.014	3.638	5.209	5.354	3.963	5.094	5.402	10.134
0.4	4.014	3.638	5.222	5.364	3.963	5.1	5.402	10.134
0.4166	4.014	3.638	5.241	5.364	3.963	5.107	5.402	10.171
0.4333	4.014	3.638	5.254	5.373	3.963	5.113	5.402	10.189
0.45	4.014	3.638	5.26	5.373	3.963	5.119	5.402	10.226
0.4666	4.014	3.638	5.273	5.373	3.963	5.126	5.402	10.245
0.4833	4.017	3.638	5.286	5.383	3.954	5.132	5.409	10.263
0.5	4.014	3.638	5.298	5.392	3.963	5.145	5.409	10.281
0.5166	4.017	3.638	5.311	5.402	3.963	5.151	5.402	10.281
0.5333	4.017	3.638	5.317	5.402	3.963	5.157	5.409	10.3
0.55	4.014	3.638	5.33	5.411	3.963	5.164	5.409	10.328
0.5666	4.017	3.638	5.336	5.411	3.954	5.17	5.409	10.337
0.5833	4.017	3.638	5.343	5.421	3.963	5.183	5.415	10.355
0.6	4.017	3.638	5.355	5.421	3.963	5.189	5.409	10.355
0.6166	4.017	3.641	5.362	5.43	3.963	5.195	5.415	10.364
0.6333	4.017	3.638	5.368	5.43	3.963	5.202	5.415	10.374
0.65	4.017	3.641	5.374	5.44	3.963	5.208	5.421	10.383
0.6666	4.017	3.641	5.387	5.44	3.963	5.214	5.415	10.401
0.6833	4.017	3.641	5.393	5.449	3.963	5.227	5.421	10.401
0.7	4.017	3.641	5.4	5.449	3.963	5.227	5.421	10.42
0.7166	4.017	3.641	5.406	5.459	3.954	5.239	5.421	10.41
0.7333	4.017	3.641	5.412	5.459	3.963	5.246	5.421	10.392
0.75	4.017	3.641	5.419	5.468	3.963	5.252	5.428	10.447
0.7666	4.017	3.641	5.425	5.468	3.954	5.258	5.428	10.429
0.7833	4.017	3.641	5.425	5.478	3.963	5.258	5.428	10.447
0.8	4.017	3.641	5.431	5.478	3.963	5.271	5.428	10.457
0.8166	4.017	3.641	5.438	5.478	3.963	5.277	5.428	10.466
0.8333	4.017	3.641	5.438	5.487	3.963	5.284	5.434	10.438
0.85	4.017	3.641	5.444	5.487	3.954	5.284	5.434	10.466
0.8666	4.017	3.641	5.45	5.487	3.963	5.29	5.434	10.475
0.8833	4.017	3.641	5.457	5.497	3.963	5.296	5.441	10.457
0.9	4.017	3.644	5.457	5.497	3.963	5.303	5.441	10.493
0.9166	4.017	3.641	5.463	5.506	3.963	5.309	5.441	10.493
0.9333	4.017	3.644	5.469	5.506	3.963	5.315	5.447	10.493
0.95	4.017	3.644	5.476	5.506	3.963	5.315	5.447	10.493

0.9666	4.017	3.644	5.476	5.516	3.963	5.322	5.447	10.512
0.9833	4.02	3.644	5.482	5.516	3.963	5.328	5.447	10.512
1	4.02	3.644	5.488	5.516	3.963	5.334	5.447	10.503
1.2	4.02	3.647	5.52	5.544	3.963	5.378	5.466	10.558
1.4	4.023	3.653	5.558	5.573	3.963	5.423	5.479	10.585
1.6	4.023	3.656	5.584	5.592	3.963	5.454	5.491	10.604
1.8	4.026	3.663	5.603	5.611	3.963	5.479	5.504	10.622
2	4.026	3.669	5.615	5.63	3.963	5.498	5.517	10.668
2.2	4.03	3.675	5.628	5.639	3.963	5.517	5.523	10.641
2.4	4.033	3.682	5.641	5.649	3.963	5.53	5.536	10.659
2.6	4.033	3.685	5.653	5.658	3.963	5.543	5.542	10.696
2.8	4.036	3.694	5.66	5.668	3.963	5.555	5.549	10.696
3	4.039	3.701	5.672	5.668	3.963	5.561	5.555	10.714
3.2	4.039	3.704	5.679	5.677	3.954	5.574	5.561	10.696
3.4	4.042	3.71	5.685	5.687	3.954	5.58	5.568	10.705
3.6	4.042	3.719	5.691	5.687	3.954	5.587	5.568	10.714
3.8	4.042	3.723	5.691	5.696	3.954	5.593	5.574	10.724
4	4.045	3.729	5.698	5.696	4.17	5.599	5.574	10.733
4.2	4.045	3.735	5.704	5.706	4.161	5.599	5.581	10.705
4.4	4.048	3.741	5.704	5.706	4.161	5.606	5.581	10.724
4.6	4.048	3.748	5.71	5.706	4.152	5.612	5.587	10.714
4.8	4.052	3.754	5.71	5.715	4.161	5.618	5.587	10.761
5	4.052	3.76	5.717	5.715	4.161	5.618	5.587	10.733
5.2	4.052	3.763	5.717	5.715	4.152	5.618	5.593	10.761
5.4	4.052	3.77	5.717	5.715	4.152	5.625	5.593	10.733
5.6	4.055	3.776	5.717	5.725	4.152	5.625	5.593	10.77
5.8	4.055	3.779	5.723	5.725	4.161	5.631	5.6	10.761
6	4.055	3.785	5.723	5.725	4.152	5.631	5.593	10.77
6.2	4.058	3.789	5.729	5.725	4.152	5.637	5.593	10.779
6.4	4.058	3.795	5.729	5.734	4.152	5.637	5.6	10.779
6.6	4.058	3.798	5.736	5.734	4.152	5.637	5.6	10.788
6.8	4.058	3.801	5.736	5.734	4.152	5.644	5.6	10.77
7	4.061	3.808	5.742	5.734	4.142	5.644	5.606	10.807
7.2	4.061	3.811	5.742	5.734	4.152	5.644	5.606	10.77
7.4	4.061	3.814	5.742	5.734	4.152	5.65	5.606	10.77
7.6	4.061	3.817	5.749	5.744	4.142	5.644	5.606	10.788
7.8	4.064	3.823	5.749	5.744	4.142	5.65	5.606	10.779
8	4.064	3.826	5.742	5.744	4.142	5.65	5.612	10.797
8.2	4.064	3.83	5.749	5.744	4.142	5.65	5.612	10.788
8.4	4.064	3.833	5.749	5.744	4.142	5.65	5.612	10.797
8.6	4.064	3.836	5.749	5.744	4.142	5.656	5.612	10.797
8.8	4.064	3.839	5.749	5.744	4.142	5.656	5.612	10.807
9	4.067	3.842	5.749	5.753	4.142	5.656	5.612	10.779
9.2	4.067	3.845	5.755	5.753	4.142	5.656	5.612	10.797
9.4	4.067	3.848	5.755	5.753	4.142	5.662	5.612	10.779
9.6	4.067	3.852	5.749	5.753	4.142	5.662	5.612	10.788
9.8	4.067	3.855	5.749	5.753	4.142	5.662	5.612	10.807
10	4.071	3.858	5.749	5.753	4.142	5.662	5.612	10.807
12	4.077	3.88	5.755	5.772	4.152	5.681	5.625	10.807
14	4.08	3.896	5.774	5.782	4.152	5.688	5.625	10.788
16	4.083	3.908	5.774	5.791	4.152	5.694	5.625	10.816

18	4.089	3.918	5.78	5.791	4.152	5.694	5.625	10.797
20	4.089	3.924	5.78	5.801	4.152	5.7	5.625	10.843
22	4.093	3.93	5.78	5.801	4.152	5.707	5.631	10.834
24	4.096	3.933	5.793	5.81	4.152	5.707	5.631	10.843
26	4.099	3.937	5.806	5.81	4.152	5.707	5.631	10.862
28	4.102	3.94	5.812	5.82	4.161	5.713	5.638	10.843
30	4.105	3.943	5.818	5.82	4.161	5.713	5.644	10.853
32	4.108	3.946	5.818	5.829	4.161	5.719	5.644	10.862
34	4.108	3.949	5.818	5.829	4.35	5.719	5.644	10.862
36	4.111	3.952	5.812	5.839	4.35	5.719	5.644	10.862
38	4.115	3.955	5.818	5.839	4.35	5.726	5.651	10.89
40	4.115	3.955	5.825	5.839	4.35	5.726	5.651	10.88
42	4.118	3.955	5.818	5.839	4.35	5.726	5.651	10.89
44	4.121	3.959	5.831	5.848	4.35	5.732	5.657	10.899
46	4.121	3.962	5.837	5.848	4.359	5.732	5.657	10.89
48	4.124	3.965	5.844	5.848	4.35	5.732	5.663	10.899
50	4.121	3.962	5.837	5.839	4.34	5.726	5.651	10.88
52	4.124	3.965	5.85	5.839	4.34	5.726	5.657	10.917
54	4.127	3.968	5.85	5.848	4.35	5.732	5.663	10.936
56	4.13	3.968	5.844	5.858	4.359	5.738	5.663	10.936
58	4.13	3.971	5.844	5.858	4.359	5.745	5.663	10.926
60	4.133	3.971	5.837	5.867	4.359	5.745	5.67	10.926
62	4.133	3.974	5.837	5.858	4.368	5.738	5.67	10.89
64	4.137	3.974	5.825	5.867	4.368	5.745	5.67	10.899
66	4.137	3.974	5.85	5.867	4.368	5.745	5.67	10.89
68	4.14	3.974	5.856	5.877	4.368	5.745	5.67	10.88
70	4.137	3.977	5.856	5.877	4.368	5.745	5.676	10.89
72	4.14	3.977	5.85	5.886	4.368	5.751	5.663	10.917
74	4.14	3.977	5.844	5.886	4.368	5.751	5.67	10.908
76	4.14	3.977	5.831	5.886	4.368	5.751	5.67	10.917
78	4.143	3.981	5.856	5.896	4.368	5.751	5.67	10.936
80	4.143	3.981	5.85	5.896	4.368	5.751	5.67	10.936
82	4.146	3.981	5.837	5.896	4.378	5.757	5.67	10.945
84	4.146	3.981	5.856	5.905	4.378	5.757	5.663	10.917
86	4.146	3.984	5.844	5.905	4.378	5.757	5.67	10.936
88	4.146	3.987	5.85	5.905	4.378	5.757	5.67	10.936
90	4.149	3.987	5.844	5.905	4.378	5.757	5.676	10.963
92	4.149	3.987	5.844	5.905	4.378	5.763	5.67	10.963
94	4.149	3.99	5.85	5.915	4.378	5.763	5.676	10.936
96	4.152	3.99	5.85	5.915	4.378	5.763	5.676	10.954
98	4.149	3.987	5.844	5.905	4.359	5.751	5.663	10.945

				SE2000				
				Environmental Logger				
				9/03 10:12				
			Unit# C		Test 1			
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Function
Mode	TOC	TOC	TOC	TOC	TOC	TOC	TOC	
I.D.	13-10	13-OW1	13-OW3	13-13	13-15	13-17	RP	BP
Reference	3.62	4.48	6.85	4.32	4.82	5.26	4.69	
SG	1	1	1	1	1	1	1	
Linearity	0.045	0.126	0.024	0.118	0.109	0.117	-0.006	0.041
Scale factor	10.027	19.992	9.921	19.906	20.045	19.999	30.024	7.96
Offset	-0.022	0.054	-0.021	-0.009	0.016	-0.004	-0.041	7.992
Delay mSEC	50	50	50	50	50	50	50	50
			Step 2	8/28/96 19:00	20:00			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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0	4.127	5.802	7.286	5.294	5.073	5.81	9.12	14.692
0.0083	4.133	5.802	7.286	5.3	5.073	5.81	9.12	14.692
0.0166	4.14	5.802	7.286	5.294	5.073	5.81	9.129	14.692
0.025	4.143	5.802	7.286	5.3	5.073	5.81	9.129	14.692
0.0333	4.143	5.802	7.286	5.3	5.073	5.81	9.129	14.692
0.0416	4.146	5.802	7.286	5.3	5.073	5.81	9.12	14.692
0.05	4.146	5.802	7.286	5.3	5.073	5.81	9.12	14.692
0.0583	4.146	5.802	7.286	5.3	5.073	5.81	9.12	14.692
0.0666	4.149	5.802	7.286	5.3	5.073	5.81	9.129	14.692
0.075	4.152	5.802	7.286	5.294	5.073	5.81	9.129	14.692
0.0833	4.152	5.802	7.286	5.294	5.079	5.81	9.11	14.692
0.0916	4.152	5.802	7.286	5.3	5.073	5.81	9.12	14.692
0.1	4.152	5.802	7.286	5.294	5.073	5.81	9.129	14.692
0.1083	4.155	5.802	7.286	5.3	5.073	5.81	9.11	14.691
0.1166	4.155	5.802	7.286	5.3	5.073	5.81	9.158	14.692
0.125	4.155	5.802	7.289	5.3	5.073	5.81	9.205	14.692
0.1333	4.155	5.808	7.289	5.294	5.073	5.81	9.224	14.692
0.1416	4.159	5.802	7.289	5.3	5.073	5.81	9.271	14.692
0.15	4.159	5.808	7.286	5.3	5.073	5.81	9.328	14.692
0.1583	4.162	5.815	7.286	5.3	5.073	5.81	9.404	14.692
0.1666	4.162	5.815	7.289	5.3	5.073	5.81	9.46	14.692
0.175	4.162	5.821	7.286	5.3	5.073	5.81	9.517	14.691
0.1833	4.165	5.827	7.289	5.3	5.073	5.81	9.583	14.692
0.1916	4.165	5.834	7.289	5.3	5.073	5.81	9.621	14.692
0.2	4.165	5.84	7.289	5.3	5.073	5.81	9.678	14.692
0.2083	4.165	5.846	7.289	5.3	5.073	5.81	9.716	14.691
0.2166	4.165	5.859	7.286	5.3	5.073	5.81	9.744	14.692

0.225	4.165	5.865	7.289	5.294	5.073	5.81	9.773	14.692
0.2333	4.168	5.878	7.286	5.3	5.073	5.81	9.801	14.692
0.2416	4.168	5.884	7.289	5.3	5.073	5.81	9.839	14.692
0.25	4.168	5.89	7.286	5.3	5.073	5.81	9.867	14.692
0.2583	4.168	5.903	7.289	5.3	5.073	5.81	9.896	14.692
0.2666	4.168	5.916	7.286	5.294	5.073	5.81	9.924	14.691
0.275	4.171	5.922	7.286	5.3	5.073	5.81	9.943	14.692
0.2833	4.171	5.928	7.286	5.3	5.073	5.81	9.962	14.692
0.2916	4.171	5.935	7.286	5.3	5.073	5.81	9.981	14.692
0.3	4.171	5.947	7.286	5.294	5.073	5.81	9.991	14.692
0.3083	4.171	5.954	7.289	5.3	5.073	5.81	9.991	14.691
0.3166	4.174	5.966	7.286	5.294	5.073	5.81	10.009	14.692
0.325	4.174	5.973	7.286	5.3	5.073	5.81	10.038	14.691
0.3333	4.174	5.979	7.286	5.3	5.073	5.81	10.047	14.692
0.35	4.171	5.992	7.286	5.3	5.073	5.81	10.076	14.692
0.3666	4.171	6.011	7.286	5.3	5.079	5.81	10.095	14.692
0.3833	4.174	6.017	7.286	5.294	5.073	5.81	10.114	14.692
0.4	4.174	6.03	7.286	5.3	5.073	5.81	10.114	14.692
0.4166	4.174	6.042	7.286	5.3	5.079	5.81	10.142	14.692
0.4333	4.171	6.055	7.286	5.3	5.073	5.81	10.161	14.692
0.45	4.174	6.068	7.286	5.3	5.079	5.81	10.17	14.692
0.4666	4.174	6.074	7.286	5.3	5.079	5.81	10.189	14.692
0.4833	4.174	6.08	7.286	5.3	5.073	5.81	10.189	14.692
0.5	4.174	6.087	7.286	5.3	5.079	5.816	10.199	14.692
0.5166	4.178	6.093	7.286	5.3	5.073	5.81	10.208	14.692
0.5333	4.178	6.106	7.289	5.3	5.079	5.81	10.218	14.692
0.55	4.178	6.112	7.286	5.3	5.079	5.81	10.237	14.692
0.5666	4.178	6.112	7.289	5.306	5.073	5.816	10.227	14.692
0.5833	4.178	6.125	7.289	5.306	5.073	5.81	10.237	14.692
0.6	4.178	6.125	7.289	5.3	5.079	5.81	10.246	14.692
0.6166	4.181	6.131	7.289	5.3	5.079	5.81	10.246	14.692
0.6333	4.178	6.137	7.289	5.306	5.079	5.81	10.284	14.692
0.65	4.181	6.144	7.289	5.306	5.079	5.81	10.265	14.692
0.6666	4.181	6.15	7.289	5.313	5.079	5.81	10.265	14.692
0.6833	4.181	6.15	7.289	5.306	5.079	5.816	10.275	14.692
0.7	4.181	6.156	7.289	5.306	5.079	5.816	10.275	14.692
0.7166	4.181	6.162	7.292	5.313	5.073	5.816	10.303	14.692
0.7333	4.181	6.162	7.292	5.313	5.079	5.816	10.293	14.692
0.75	4.184	6.169	7.292	5.313	5.073	5.816	10.293	14.692
0.7666	4.184	6.175	7.292	5.306	5.079	5.816	10.303	14.692
0.7833	4.184	6.175	7.292	5.306	5.079	5.816	10.293	14.692
0.8	4.184	6.175	7.292	5.313	5.079	5.816	10.312	14.692
0.8166	4.187	6.181	7.295	5.319	5.079	5.816	10.312	14.692
0.8333	4.187	6.181	7.295	5.319	5.079	5.816	10.303	14.692
0.85	4.187	6.188	7.295	5.319	5.079	5.816	10.312	14.692
0.8666	4.187	6.194	7.295	5.313	5.079	5.816	10.312	14.692
0.8833	4.187	6.194	7.295	5.319	5.079	5.823	10.322	14.692
0.9	4.19	6.194	7.295	5.319	5.079	5.823	10.341	14.692
0.9166	4.19	6.194	7.295	5.319	5.079	5.816	10.322	14.692
0.9333	4.19	6.2	7.298	5.319	5.079	5.823	10.331	14.692
0.95	4.19	6.2	7.298	5.325	5.079	5.823	10.322	14.692

0.9666	4.19	6.207	7.298	5.319	5.079	5.823	10.322	14.692
0.9833	4.19	6.207	7.298	5.319	5.079	5.823	10.341	14.692
1	4.19	6.207	7.301	5.319	5.079	5.823	10.341	14.692
1.2	4.184	6.232	7.304	5.331	5.079	5.829	10.379	14.692
1.4	4.187	6.245	7.314	5.344	5.079	5.835	10.388	14.692
1.6	4.19	6.264	7.32	5.357	5.079	5.848	10.379	14.692
1.8	4.19	6.27	7.326	5.363	5.085	5.848	10.407	14.693
2	4.193	6.276	7.329	5.375	5.085	5.861	10.426	14.692
2.2	4.2	6.283	7.336	5.388	5.085	5.867	10.426	14.692
2.4	4.2	6.289	7.339	5.4	5.085	5.873	10.435	14.693
2.6	4.203	6.295	7.342	5.413	5.085	5.88	10.445	14.693
2.8	4.206	6.302	7.348	5.419	5.085	5.886	10.426	14.693
3	4.206	6.302	7.351	5.426	5.085	5.892	10.454	14.693
3.2	4.209	6.308	7.355	5.438	5.092	5.899	10.464	14.693
3.4	4.212	6.308	7.355	5.444	5.092	5.899	10.464	14.693
3.6	4.212	6.308	7.361	5.451	5.092	5.905	10.454	14.693
3.8	4.216	6.314	7.361	5.457	5.092	5.905	10.464	14.693
4	4.216	6.314	7.364	5.47	5.092	5.911	10.473	14.693
4.2	4.219	6.314	7.367	5.47	5.092	5.911	10.454	14.693
4.4	4.219	6.314	7.367	5.482	5.092	5.918	10.483	14.693
4.6	4.222	6.314	7.367	5.488	5.092	5.924	10.473	14.693
4.8	4.222	6.314	7.37	5.488	5.092	5.924	10.473	14.693
5	4.222	6.321	7.37	5.488	5.098	5.924	10.483	14.693
5.2	4.225	6.321	7.37	5.495	5.092	5.93	10.473	14.694
5.4	4.225	6.321	7.373	5.501	5.098	5.93	10.492	14.694
5.6	4.225	6.321	7.373	5.507	5.098	5.93	10.483	14.694
5.8	4.228	6.314	7.377	5.507	5.098	5.93	10.483	14.694
6	4.228	6.321	7.377	5.514	5.098	5.937	10.492	14.694
6.2	4.231	6.321	7.377	5.52	5.098	5.937	10.483	14.694
6.4	4.228	6.321	7.377	5.526	5.098	5.937	10.492	14.694
6.6	4.231	6.321	7.377	5.526	5.098	5.937	10.483	14.694
6.8	4.231	6.321	7.38	5.526	5.098	5.937	10.483	14.695
7	4.231	6.321	7.38	5.532	5.098	5.943	10.492	14.694
7.2	4.235	6.321	7.38	5.532	5.098	5.943	10.502	14.694
7.4	4.235	6.321	7.38	5.532	5.098	5.943	10.492	14.695
7.6	4.235	6.321	7.383	5.532	5.098	5.943	10.492	14.695
7.8	4.235	6.314	7.38	5.539	5.104	5.949	10.511	14.695
8	4.235	6.314	7.38	5.545	5.104	5.943	10.473	14.694
8.2	4.235	6.314	7.38	5.539	5.104	5.949	10.502	14.695
8.4	4.238	6.314	7.38	5.545	5.098	5.943	10.483	14.695
8.6	4.238	6.314	7.38	5.545	5.104	5.949	10.502	14.695
8.8	4.238	6.314	7.38	5.545	5.104	5.949	10.483	14.695
9	4.241	6.308	7.383	5.545	5.104	5.949	10.492	14.695
9.2	4.241	6.308	7.38	5.551	5.104	5.949	10.473	14.695
9.4	4.241	6.308	7.383	5.551	5.104	5.949	10.492	14.695
9.6	4.241	6.314	7.383	5.558	5.104	5.949	10.511	14.695
9.8	4.241	6.314	7.383	5.551	5.104	5.949	10.492	14.696
10	4.25	6.314	7.383	5.558	5.104	5.949	10.502	14.696
12	4.25	6.308	7.386	5.576	5.117	5.962	10.511	14.695
14	4.254	6.308	7.392	5.576	5.117	5.962	10.53	14.697
16	4.254	6.295	7.395	5.583	5.123	5.962	10.54	14.699

18	4.257	6.289	7.392	5.589	5.123	5.968	10.549	14.699
20	4.26	6.276	7.398	5.589	5.13	5.968	10.54	14.699
22	4.266	6.27	7.398	5.595	5.13	5.975	10.549	14.699
24	4.27	6.257	7.398	5.595	5.13	5.975	10.549	14.7
26	4.276	6.245	7.395	5.602	5.136	5.975	10.559	14.699
28	4.279	6.232	7.398	5.602	5.136	5.975	10.559	14.696
30	4.282	6.219	7.402	5.602	5.136	5.975	10.568	14.696
32	4.292	6.207	7.402	5.602	5.142	5.975	10.568	14.696
34	4.295	6.194	7.402	5.608	5.142	5.981	10.577	14.695
36	4.301	6.175	7.402	5.608	5.142	5.981	10.577	14.694
38	4.304	6.162	7.405	5.608	5.149	5.981	10.568	14.693
40	4.311	6.15	7.408	5.608	5.155	5.981	10.587	14.694
42	4.317	6.131	7.408	5.614	5.155	5.987	10.587	14.695
44	4.32	6.125	7.414	5.614	5.155	5.987	10.577	14.696
46	4.323	6.112	7.417	5.614	5.161	5.994	10.587	14.697
48	4.327	6.099	7.42	5.62	5.161	5.987	10.606	14.699
50	4.33	6.087	7.42	5.62	5.161	5.994	10.596	14.699
52	4.333	6.08	7.42	5.62	5.161	5.994	10.606	14.699
54	4.333	6.068	7.42	5.62	5.168	5.994	10.606	14.699
56	4.336	6.055	7.424	5.627	5.168	5.994	10.615	14.701
58	4.339	6.049	7.427	5.627	5.174	6	10.606	14.703
60	4.342	6.036	7.43	5.627	5.174	6	10.606	14.704
62	4.346	6.03	7.433	5.633	5.174	6	10.615	14.704
64	4.346	6.023	7.436	5.633	5.18	6	10.606	14.703
66	4.349	6.023	7.433	5.633	5.18	6	10.615	14.702
68	4.352	6.017	7.43	5.633	5.18	6	10.606	14.702
70	4.352	6.011	7.433	5.633	5.18	6.006	10.625	14.702
72	4.355	6.004	7.439	5.633	5.187	6.006	10.606	14.702
74	4.355	6.004	7.439	5.639	5.187	6.006	10.719	14.702
76	4.358	5.985	7.436	5.639	5.187	6.006	10.625	14.703
78	4.361	5.979	7.439	5.639	5.193	6.006	10.606	14.703
80	4.361	5.979	7.439	5.639	5.193	6.006	10.615	14.702
82	4.365	5.966	7.439	5.639	5.193	6.006	10.625	14.703
84	4.365	5.96	7.442	5.646	5.193	6.013	10.615	14.704
86	4.368	5.954	7.446	5.646	5.199	6.013	10.625	14.704
88	4.368	5.947	7.442	5.646	5.199	6.013	10.644	14.705
90	4.374	5.935	7.446	5.652	5.199	6.019	10.634	14.706
92	4.371	5.928	7.449	5.639	5.199	6.013	10.625	14.706
94	4.374	5.916	7.452	5.639	5.199	6.013	10.644	14.706
96	4.38	5.922	7.455	5.652	5.206	6.019	10.653	14.708
98	4.377	5.909	7.455	5.646	5.199	6.019	10.644	14.708

				SE2000				
				Environmental Logger				
				9/03 08:10				
			Unit# 2	K-593	Test 1			
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)
Mode	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
I.D.	13-9	13-11	13-OW4	13-OW2	13-12	13-14	13-16	13-RW1
Reference	3.92	3.38	4.29	4.88	3.86	4.52	5.18	6.3
SG	1	1	1	1	1	1	1	1
Linearity	0.048	0.046	0.121	0.238	0.227	0.126	0.1	0.216
Scale factor	9.955	9.958	20.046	30.024	29.864	20.009	20.179	29.166
Offset	0.077	-0.034	0.028	0.014	0.015	0.005	0.049	0.22
Delay mSEC	50	50	50	50	50	50	50	50
			Step 3	8/28/96 19:00	20:00			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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0	4.149	3.987	5.837	5.905	4.359	5.751	5.657	10.926
0.0083	4.149	3.987	5.837	5.905	4.359	5.751	5.663	10.945
0.0166	4.149	3.987	5.837	5.905	4.359	5.751	5.663	10.945
0.025	4.149	3.987	5.837	5.905	4.359	5.751	5.663	10.945
0.0333	4.149	3.99	5.844	5.905	4.359	5.751	5.663	10.936
0.0416	4.149	3.99	5.844	5.905	4.359	5.751	5.663	10.936
0.05	4.149	3.99	5.844	5.905	4.359	5.751	5.663	10.963
0.0583	4.149	3.99	5.844	5.905	4.359	5.751	5.663	10.945
0.0666	4.149	3.99	5.844	5.905	4.359	5.751	5.663	10.926
0.075	4.149	3.99	5.844	5.905	4.359	5.751	5.663	10.936
0.0833	4.149	3.99	5.844	5.905	4.359	5.751	5.663	10.936
0.0916	4.149	3.987	5.844	5.905	4.359	5.751	5.663	10.945
0.1	4.149	3.99	5.844	5.905	4.359	5.751	5.663	10.917
0.1083	4.149	3.99	5.844	5.905	4.359	5.751	5.663	10.954
0.1166	4.149	3.99	5.844	5.905	4.359	5.751	5.663	10.945
0.125	4.149	3.99	5.844	5.905	4.359	5.751	5.663	10.972
0.1333	4.149	3.99	5.844	5.905	4.359	5.751	5.663	11
0.1416	4.149	3.99	5.844	5.905	4.359	5.751	5.663	11.037
0.15	4.149	3.99	5.844	5.905	4.359	5.751	5.663	11.074
0.1583	4.149	3.99	5.844	5.905	4.359	5.751	5.663	11.12
0.1666	4.149	3.99	5.85	5.905	4.359	5.751	5.663	11.212
0.175	4.149	3.99	5.85	5.905	4.359	5.751	5.663	11.267
0.1833	4.149	3.99	5.85	5.905	4.368	5.757	5.663	11.322
0.1916	4.149	3.99	5.856	5.905	4.359	5.751	5.663	11.369
0.2	4.149	3.99	5.856	5.905	4.359	5.751	5.67	11.424
0.2083	4.149	3.99	5.856	5.905	4.359	5.751	5.663	11.479
0.2166	4.149	3.99	5.863	5.905	4.359	5.751	5.663	11.525

0.225	4.149	3.99	5.863	5.905	4.359	5.751	5.663	11.571
0.2333	4.149	3.99	5.869	5.905	4.359	5.751	5.663	11.599
0.2416	4.149	3.99	5.875	5.905	4.359	5.757	5.663	11.617
0.25	4.149	3.99	5.882	5.905	4.359	5.757	5.663	11.645
0.2583	4.152	3.99	5.882	5.905	4.359	5.757	5.663	11.691
0.2666	4.149	3.99	5.888	5.905	4.359	5.757	5.663	11.7
0.275	4.152	3.99	5.894	5.905	4.359	5.757	5.663	11.737
0.2833	4.149	3.99	5.894	5.905	4.359	5.757	5.663	11.746
0.2916	4.152	3.99	5.901	5.905	4.359	5.763	5.663	11.774
0.3	4.149	3.99	5.907	5.905	4.359	5.763	5.663	11.783
0.3083	4.152	3.99	5.913	5.905	4.359	5.763	5.663	11.82
0.3166	4.152	3.99	5.913	5.905	4.359	5.763	5.663	11.829
0.325	4.149	3.99	5.92	5.905	4.359	5.763	5.663	11.838
0.3333	4.152	3.99	5.926	5.915	4.359	5.763	5.663	11.838
0.35	4.152	3.99	5.932	5.915	4.359	5.77	5.663	11.875
0.3666	4.152	3.99	5.945	5.915	4.359	5.776	5.663	11.903
0.3833	4.152	3.99	5.951	5.915	4.359	5.776	5.663	11.921
0.4	4.152	3.987	5.958	5.924	4.359	5.782	5.663	11.94
0.4166	4.152	3.99	5.971	5.924	4.359	5.789	5.663	11.94
0.4333	4.152	3.99	5.977	5.924	4.359	5.789	5.663	11.967
0.45	4.152	3.99	5.983	5.924	4.359	5.789	5.663	11.967
0.4666	4.152	3.99	5.996	5.934	4.359	5.795	5.663	11.976
0.4833	4.152	3.99	6.002	5.943	4.359	5.801	5.663	12.004
0.5	4.152	3.99	6.009	5.943	4.359	5.808	5.67	12.004
0.5166	4.152	3.99	6.015	5.943	4.359	5.808	5.67	12.041
0.5333	4.152	3.99	6.021	5.943	4.368	5.814	5.67	12.032
0.55	4.152	3.99	6.028	5.953	4.368	5.82	5.67	12.032
0.5666	4.152	3.99	6.034	5.953	4.368	5.82	5.67	12.041
0.5833	4.152	3.99	6.034	5.953	4.359	5.827	5.67	12.059
0.6	4.152	3.99	6.04	5.962	4.359	5.833	5.67	12.069
0.6166	4.152	3.99	6.047	5.962	4.359	5.833	5.67	12.078
0.6333	4.152	3.99	6.053	5.962	4.359	5.839	5.676	12.059
0.65	4.152	3.99	6.059	5.972	4.368	5.846	5.676	12.069
0.6666	4.155	3.99	6.059	5.972	4.359	5.846	5.676	12.078
0.6833	4.152	3.99	6.066	5.972	4.359	5.852	5.676	12.087
0.7	4.152	3.99	6.066	5.972	4.359	5.858	5.676	12.105
0.7166	4.152	3.99	6.072	5.981	4.368	5.858	5.676	12.096
0.7333	4.152	3.99	6.078	5.981	4.368	5.864	5.676	12.105
0.75	4.152	3.99	6.078	5.981	4.368	5.864	5.676	12.096
0.7666	4.152	3.99	6.085	5.981	4.359	5.871	5.682	12.124
0.7833	4.152	3.99	6.085	5.991	4.359	5.871	5.676	12.133
0.8	4.152	3.99	6.091	5.991	4.359	5.877	5.676	12.124
0.8166	4.152	3.99	6.091	5.991	4.359	5.883	5.682	12.124
0.8333	4.152	3.99	6.097	6	4.368	5.883	5.682	12.124
0.85	4.155	3.99	6.104	6	4.359	5.89	5.682	12.142
0.8666	4.155	3.993	6.104	5.991	4.368	5.89	5.682	12.142
0.8833	4.152	3.993	6.104	6	4.359	5.896	5.682	12.151
0.9	4.152	3.993	6.11	6	4.368	5.902	5.689	12.115
0.9166	4.155	3.993	6.11	6.01	4.368	5.902	5.689	12.142
0.9333	4.155	3.993	6.116	6.01	4.359	5.902	5.682	12.142
0.95	4.155	3.99	6.116	6.01	4.359	5.909	5.689	12.151

0.9666	4.152	3.99	6.116	6.01	4.368	5.915	5.689	12.161
0.9833	4.155	3.993	6.123	6.019	4.359	5.915	5.689	12.151
1	4.155	3.993	6.123	6.01	4.359	5.915	5.689	12.151
1.2	4.155	3.993	6.142	6.029	4.368	5.94	5.701	12.17
1.4	4.155	3.996	6.154	6.048	4.359	5.966	5.708	12.197
1.6	4.155	3.999	6.167	6.057	4.359	5.984	5.714	12.225
1.8	4.159	4.003	6.18	6.067	4.359	6.003	5.721	12.244
2	4.162	4.006	6.186	6.076	4.368	6.016	5.727	12.234
2.2	4.162	4.009	6.199	6.086	4.368	6.022	5.733	12.262
2.4	4.162	4.012	6.205	6.086	4.359	6.029	5.733	12.262
2.6	4.162	4.015	6.211	6.095	4.368	6.041	5.74	12.244
2.8	4.165	4.018	6.231	6.105	4.359	6.041	5.74	12.29
3	4.165	4.021	6.237	6.105	4.359	6.048	5.746	12.262
3.2	4.165	4.028	6.243	6.105	4.359	6.06	5.746	12.28
3.4	4.168	4.031	6.243	6.114	4.368	6.054	5.752	12.299
3.6	4.168	4.034	6.25	6.114	4.359	6.067	5.752	12.29
3.8	4.168	4.037	6.25	6.114	4.359	6.067	5.752	12.29
4	4.168	4.04	6.256	6.124	4.368	6.073	5.752	12.28
4.2	4.171	4.044	6.256	6.124	4.359	6.073	5.759	12.299
4.4	4.171	4.047	6.256	6.124	4.368	6.073	5.759	12.299
4.6	4.171	4.05	6.262	6.124	4.359	6.079	5.759	12.299
4.8	4.171	4.053	6.262	6.124	4.359	6.079	5.765	12.299
5	4.174	4.056	6.262	6.133	4.359	6.079	5.765	12.299
5.2	4.174	4.059	6.262	6.133	4.359	6.085	5.765	12.299
5.4	4.174	4.062	6.269	6.133	4.359	6.085	5.765	12.308
5.6	4.174	4.066	6.269	6.133	4.368	6.085	5.765	12.317
5.8	4.174	4.069	6.269	6.133	4.359	6.092	5.772	12.317
6	4.177	4.072	6.269	6.133	4.368	6.092	5.765	12.326
6.2	4.177	4.075	6.269	6.133	4.359	6.092	5.772	12.308
6.4	4.177	4.078	6.275	6.143	4.359	6.098	5.772	12.308
6.6	4.177	4.081	6.275	6.133	4.359	6.098	5.772	12.326
6.8	4.177	4.081	6.275	6.143	4.368	6.098	5.772	12.308
7	4.177	4.084	6.275	6.143	4.368	6.098	5.772	12.336
7.2	4.177	4.088	6.275	6.143	4.368	6.098	5.778	12.326
7.4	4.177	4.088	6.275	6.143	4.368	6.098	5.772	12.326
7.6	4.181	4.091	6.275	6.143	4.359	6.104	5.778	12.326
7.8	4.181	4.091	6.281	6.143	4.359	6.098	5.778	12.317
8	4.181	4.094	6.275	6.143	4.359	6.104	5.778	12.336
8.2	4.181	4.097	6.275	6.143	4.359	6.104	5.778	12.326
8.4	4.181	4.1	6.275	6.143	4.368	6.104	5.778	12.317
8.6	4.181	4.1	6.275	6.143	4.359	6.104	5.778	12.317
8.8	4.181	4.103	6.275	6.143	4.359	6.104	5.778	12.336
9	4.181	4.106	6.275	6.143	4.368	6.104	5.778	12.308
9.2	4.184	4.106	6.275	6.143	4.368	6.104	5.784	12.308
9.4	4.184	4.106	6.275	6.143	4.359	6.104	5.784	12.326
9.6	4.184	4.11	6.275	6.143	4.368	6.104	5.784	12.336
9.8	4.184	4.11	6.275	6.152	4.359	6.104	5.784	12.326
10	4.184	4.113	6.275	6.152	4.368	6.111	5.784	12.345
12	4.19	4.128	6.3	6.162	4.576	6.123	5.797	12.345
14	4.193	4.138	6.3	6.171	4.576	6.13	5.797	12.354
16	4.193	4.144	6.294	6.171	4.576	6.136	5.803	12.363

18	4.196	4.151	6.288	6.171	4.576	6.136	5.81	12.372
20	4.196	4.154	6.288	6.181	4.576	6.142	5.81	12.372
22	4.199	4.157	6.3	6.181	4.576	6.142	5.81	12.363
24	4.203	4.16	6.3	6.181	4.585	6.142	5.81	12.382
26	4.203	4.163	6.294	6.181	4.585	6.149	5.816	12.372
28	4.203	4.163	6.3	6.181	4.576	6.142	5.816	12.382
30	4.206	4.163	6.3	6.19	4.576	6.149	5.816	12.382
32	4.209	4.166	6.307	6.19	4.576	6.149	5.816	12.391
34	4.209	4.166	6.294	6.19	4.576	6.149	5.816	12.4
36	4.209	4.169	6.3	6.19	4.566	6.149	5.816	12.391
38	4.212	4.169	6.307	6.19	4.566	6.155	5.816	12.391
40	4.212	4.169	6.3	6.2	4.576	6.155	5.816	12.4
42	4.215	4.173	6.3	6.2	4.576	6.155	5.822	12.4
44	4.215	4.173	6.307	6.209	4.576	6.161	5.822	12.409
46	4.218	4.176	6.307	6.209	4.585	6.161	5.829	12.409
48	4.218	4.179	6.307	6.209	4.585	6.168	5.829	12.437
50	4.218	4.179	6.307	6.209	4.585	6.168	5.835	12.418
52	4.221	4.179	6.338	6.209	4.585	6.168	5.835	12.418
54	4.221	4.182	6.332	6.209	4.585	6.168	5.835	12.428
56	4.225	4.182	6.338	6.219	4.585	6.168	5.835	12.437
58	4.225	4.185	6.332	6.219	4.595	6.174	5.842	12.428
60	4.228	4.185	6.332	6.219	4.595	6.174	5.842	12.428
62	4.228	4.185	6.338	6.219	4.595	6.174	5.842	12.428
64	4.228	4.188	6.345	6.219	4.595	6.174	5.848	12.437
66	4.231	4.188	6.351	6.219	4.595	6.18	5.848	12.446
68	4.231	4.188	6.351	6.219	4.595	6.174	5.848	12.446
70	4.231	4.188	6.345	6.219	4.595	6.18	5.848	12.446
72	4.234	4.191	6.345	6.228	4.595	6.18	5.848	12.446
74	4.234	4.191	6.351	6.228	4.595	6.18	5.848	12.584
76	4.234	4.191	6.338	6.228	4.595	6.18	5.854	12.446
78	4.234	4.195	6.345	6.228	4.595	6.18	5.854	12.446
80	4.237	4.195	6.351	6.228	4.595	6.18	5.854	12.437
82	4.237	4.195	6.351	6.228	4.595	6.186	5.854	12.455
84	4.24	4.198	6.351	6.228	4.595	6.186	5.854	12.455
86	4.24	4.198	6.351	6.238	4.604	6.186	5.854	12.446
88	4.24	4.198	6.338	6.238	4.604	6.193	5.854	12.455
90	4.24	4.198	6.37	6.238	4.604	6.193	5.854	12.446
92	4.244	4.201	6.37	6.238	4.604	6.193	5.854	12.474
94	4.244	4.201	6.376	6.238	4.613	6.193	5.861	12.483
96	4.244	4.204	6.383	6.247	4.613	6.199	5.861	12.465
98	4.247	4.204	6.383	6.238	4.613	6.199	5.861	12.465

				SE2000				
				Environmental Logger				
				9/03 10:03				
			Unit# C		Test 1			
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Function
Mode	TOC	TOC	TOC	TOC	TOC	TOC	TOC	
I.D.	13-10	13-OW1	13-OW3	13-13	13-15	13-17	RP	BP
Reference	3.62	4.48	6.85	4.32	4.82	5.26	4.69	
SG	1	1	1	1	1	1	1	
Linearity	0.045	0.126	0.024	0.118	0.109	0.117	-0.006	0.041
Scale factor	10.027	19.992	9.921	19.906	20.045	19.999	30.024	7.96
Offset	-0.022	0.054	-0.021	-0.009	0.016	-0.004	-0.041	7.992
Delay mSEC	50	50	50	50	50	50	50	50
			Step 3	8/28/96 21:00	0:01			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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0	4.374	5.909	7.455	5.652	5.212	6.019	10.644	14.708
0.0083	4.38	5.909	7.455	5.652	5.206	6.019	10.483	14.71
0.0166	4.384	5.897	7.455	5.652	5.206	6.019	10.312	14.71
0.025	4.387	5.897	7.455	5.652	5.206	6.019	10.284	14.708
0.0333	4.387	5.89	7.455	5.646	5.199	6.019	9.886	14.708
0.0416	4.387	5.878	7.455	5.652	5.206	6.019	9.754	14.707
0.05	4.39	5.859	7.455	5.646	5.199	6.019	9.451	14.708
0.0583	4.39	5.846	7.455	5.652	5.206	6.019	9.195	14.708
0.0666	4.39	5.821	7.455	5.652	5.199	6.019	8.93	14.707
0.075	4.39	5.796	7.455	5.646	5.199	6.019	8.732	14.707
0.0833	4.393	5.77	7.455	5.646	5.199	6.019	8.523	14.708
0.0916	4.393	5.739	7.455	5.652	5.199	6.019	8.353	14.708
0.1	4.393	5.707	7.455	5.652	5.199	6.019	8.192	14.708
0.1083	4.393	5.669	7.455	5.646	5.206	6.019	8.04	14.707
0.1166	4.393	5.637	7.455	5.646	5.199	6.019	7.908	14.708
0.125	4.393	5.593	7.455	5.646	5.199	6.019	7.785	14.708
0.1333	4.393	5.555	7.455	5.652	5.199	6.019	7.671	14.708
0.1416	4.393	5.524	7.455	5.652	5.199	6.019	7.567	14.707
0.15	4.393	5.486	7.455	5.646	5.199	6.019	7.463	14.708
0.1583	4.396	5.448	7.455	5.652	5.199	6.019	7.378	14.707
0.1666	4.396	5.41	7.455	5.646	5.199	6.019	7.293	14.708
0.175	4.396	5.372	7.455	5.646	5.199	6.019	7.207	14.708
0.1833	4.396	5.34	7.458	5.646	5.199	6.019	7.141	14.707
0.1916	4.396	5.302	7.455	5.646	5.199	6.019	7.075	14.708
0.2	4.396	5.27	7.455	5.646	5.199	6.019	7.009	14.707
0.2083	4.396	5.239	7.455	5.646	5.199	6.019	6.952	14.708
0.2166	4.396	5.207	7.455	5.646	5.199	6.019	6.895	14.708

0.225	4.396	5.176	7.455	5.646	5.199	6.019	6.838	14.708
0.2333	4.399	5.144	7.455	5.646	5.199	6.019	6.791	14.708
0.2416	4.399	5.119	7.458	5.646	5.199	6.019	6.744	14.708
0.25	4.396	5.093	7.455	5.646	5.199	6.019	6.696	14.708
0.2583	4.396	5.062	7.455	5.646	5.199	6.019	6.658	14.708
0.2666	4.396	5.036	7.455	5.639	5.199	6.019	6.621	14.707
0.275	4.396	5.011	7.455	5.639	5.199	6.019	6.583	14.707
0.2833	4.396	4.986	7.458	5.639	5.199	6.013	6.545	14.708
0.2916	4.396	4.967	7.455	5.639	5.199	6.019	6.507	14.708
0.3	4.396	4.941	7.455	5.646	5.199	6.019	6.479	14.708
0.3083	4.396	4.916	7.455	5.639	5.199	6.013	6.45	14.708
0.3166	4.396	4.897	7.455	5.646	5.199	6.013	6.422	14.708
0.325	4.396	4.878	7.458	5.633	5.199	6.013	6.393	14.708
0.3333	4.399	4.859	7.455	5.639	5.199	6.013	6.356	14.707
0.35	4.393	4.821	7.455	5.639	5.199	6.013	6.308	14.707
0.3666	4.393	4.783	7.455	5.633	5.199	6.013	6.27	14.707
0.3833	4.393	4.752	7.455	5.633	5.199	6.013	6.223	14.707
0.4	4.39	4.72	7.452	5.639	5.199	6.013	6.185	14.707
0.4166	4.39	4.688	7.455	5.633	5.199	6.013	6.147	14.708
0.4333	4.39	4.663	7.452	5.627	5.199	6.006	6.109	14.707
0.45	4.39	4.638	7.452	5.633	5.199	6.006	6.081	14.708
0.4666	4.387	4.606	7.452	5.627	5.199	6.006	6.053	14.708
0.4833	4.387	4.587	7.449	5.62	5.199	6.006	6.024	14.708
0.5	4.387	4.562	7.449	5.62	5.199	6.006	5.996	14.708
0.5166	4.387	4.543	7.449	5.62	5.199	6.006	5.967	14.707
0.5333	4.384	4.524	7.446	5.62	5.199	6	5.948	14.708
0.55	4.384	4.505	7.446	5.614	5.199	6	5.92	14.708
0.5666	4.384	4.48	7.442	5.614	5.199	6	5.901	14.708
0.5833	4.384	4.467	7.442	5.608	5.193	6	5.882	14.708
0.6	4.38	4.448	7.439	5.608	5.199	6	5.863	14.707
0.6166	4.38	4.435	7.439	5.608	5.199	5.994	5.844	14.708
0.6333	4.38	4.416	7.436	5.608	5.199	5.994	5.825	14.708
0.65	4.38	4.404	7.433	5.602	5.199	5.994	5.806	14.708
0.6666	4.377	4.385	7.433	5.602	5.199	5.994	5.797	14.708
0.6833	4.377	4.372	7.43	5.595	5.199	5.987	5.778	14.708
0.7	4.377	4.353	7.43	5.602	5.199	5.987	5.769	14.707
0.7166	4.374	4.347	7.427	5.595	5.199	5.987	5.75	14.707
0.7333	4.377	4.334	7.424	5.595	5.199	5.981	5.731	14.708
0.75	4.374	4.321	7.42	5.589	5.199	5.981	5.721	14.707
0.7666	4.371	4.309	7.42	5.589	5.199	5.981	5.712	14.708
0.7833	4.374	4.296	7.417	5.583	5.199	5.981	5.693	14.708
0.8	4.374	4.283	7.414	5.583	5.199	5.975	5.683	14.708
0.8166	4.371	4.277	7.411	5.576	5.193	5.975	5.674	14.707
0.8333	4.371	4.264	7.411	5.583	5.193	5.975	5.655	14.708
0.85	4.371	4.252	7.408	5.576	5.193	5.968	5.655	14.707
0.8666	4.368	4.245	7.405	5.576	5.193	5.968	5.636	14.707
0.8833	4.368	4.233	7.402	5.57	5.193	5.968	5.627	14.708
0.9	4.365	4.226	7.402	5.57	5.193	5.962	5.617	14.707
0.9166	4.365	4.22	7.398	5.57	5.193	5.962	5.608	14.71
0.9333	4.365	4.207	7.395	5.564	5.193	5.956	5.598	14.708
0.95	4.365	4.201	7.395	5.564	5.193	5.956	5.589	14.707

0.9666	4.361	4.195	7.392	5.564	5.193	5.956	5.579	14.708
0.9833	4.361	4.182	7.389	5.558	5.193	5.949	5.57	14.708
1	4.361	4.176	7.386	5.558	5.193	5.949	5.57	14.708
1.2	4.333	4.081	7.351	5.526	5.193	5.911	5.475	14.71
1.4	4.314	4.017	7.326	5.495	5.187	5.88	5.409	14.71
1.6	4.298	3.973	7.304	5.457	5.187	5.848	5.352	14.708
1.8	4.285	3.929	7.282	5.426	5.18	5.816	5.314	14.708
2	4.273	3.897	7.26	5.394	5.18	5.785	5.276	14.711
2.2	4.26	3.866	7.248	5.363	5.174	5.76	5.248	14.708
2.4	4.25	3.834	7.232	5.325	5.174	5.734	5.22	14.71
2.6	4.238	3.815	7.217	5.3	5.168	5.709	5.191	14.71
2.8	4.228	3.796	7.204	5.262	5.168	5.684	5.172	14.71
3	4.219	3.777	7.195	5.237	5.161	5.671	5.153	14.71
3.2	4.212	3.758	7.185	5.206	5.161	5.646	5.144	14.71
3.4	4.206	3.745	7.176	5.181	5.155	5.633	5.125	14.708
3.6	4.197	3.733	7.166	5.149	5.155	5.614	5.106	14.71
3.8	4.193	3.726	7.16	5.124	5.155	5.601	5.097	14.71
4	4.184	3.714	7.154	5.099	5.149	5.589	5.087	14.71
4.2	4.181	3.701	7.148	5.074	5.149	5.582	5.078	14.71
4.4	4.178	3.688	7.141	5.049	5.149	5.57	5.068	14.708
4.6	4.171	3.682	7.138	5.017	5.142	5.557	5.059	14.71
4.8	4.168	3.676	7.129	5.005	5.142	5.551	5.049	14.71
5	4.162	3.663	7.126	4.973	5.142	5.544	5.04	14.71
5.2	4.159	3.657	7.122	4.961	5.142	5.538	5.03	14.708
5.4	4.155	3.65	7.119	4.942	5.136	5.532	5.03	14.708
5.6	4.152	3.644	7.113	4.923	5.136	5.525	5.021	14.708
5.8	4.146	3.638	7.11	4.898	5.136	5.519	5.011	14.708
6	4.146	3.631	7.107	4.879	5.136	5.513	5.011	14.708
6.2	4.143	3.625	7.104	4.86	5.13	5.506	5.002	14.71
6.4	4.14	3.619	7.1	4.847	5.13	5.5	5.002	14.708
6.6	4.136	3.612	7.097	4.829	5.13	5.5	4.992	14.708
6.8	4.133	3.612	7.097	4.816	5.13	5.494	4.992	14.708
7	4.133	3.606	7.094	4.797	5.123	5.494	4.983	14.708
7.2	4.13	3.606	7.091	4.785	5.123	5.487	4.983	14.71
7.4	4.127	3.6	7.088	4.785	5.123	5.481	4.973	14.708
7.6	4.127	3.6	7.085	4.766	5.123	5.481	4.973	14.708
7.8	4.124	3.593	7.085	4.753	5.123	5.481	4.964	14.708
8	4.124	3.587	7.082	4.734	5.123	5.475	4.964	14.708
8.2	4.121	3.587	7.082	4.722	5.117	5.475	4.964	14.708
8.4	4.121	3.581	7.082	4.722	5.117	5.468	4.964	14.707
8.6	4.117	3.581	7.079	4.703	5.117	5.468	4.955	14.708
8.8	4.117	3.574	7.079	4.703	5.117	5.462	4.955	14.708
9	4.114	3.574	7.075	4.69	5.117	5.462	4.955	14.708
9.2	4.114	3.568	7.079	4.678	5.111	5.456	4.955	14.707
9.4	4.111	3.568	7.079	4.671	5.111	5.456	4.945	14.708
9.6	4.111	3.568	7.075	4.665	5.111	5.462	4.945	14.708
9.8	4.108	3.568	7.075	4.659	5.111	5.456	4.945	14.708
10	4.114	3.562	7.072	4.659	5.111	5.456	4.945	14.706
12	4.095	3.543	7.063	4.602	5.104	5.443	4.936	14.71
14	4.086	3.524	7.057	4.571	5.098	5.43	4.917	14.707
16	4.079	3.511	7.05	4.552	5.092	5.424	4.907	14.708

18	4.07	3.498	7.044	4.539	5.085	5.418	4.907	14.71
20	4.063	3.486	7.038	4.533	5.079	5.418	4.898	14.708
22	4.057	3.473	7.035	4.521	5.073	5.411	4.898	14.708
24	4.054	3.46	7.031	4.514	5.073	5.411	4.888	14.71
26	4.051	3.454	7.031	4.514	5.066	5.405	4.888	14.711
28	4.044	3.441	7.028	4.508	5.066	5.399	4.879	14.71
30	4.044	3.435	7.025	4.502	5.06	5.399	4.879	14.711
32	4.038	3.429	7.025	4.495	5.054	5.399	4.879	14.711
34	4.035	3.416	7.022	4.495	5.054	5.399	4.869	14.711
36	4.032	3.41	7.022	4.489	5.047	5.392	4.869	14.711
38	4.032	3.41	7.019	4.489	5.047	5.392	4.869	14.711
40	4.029	3.397	7.019	4.483	5.047	5.392	4.86	14.712
42	4.025	3.391	7.016	4.483	5.041	5.386	4.86	14.712
44	4.022	3.385	7.013	4.477	5.041	5.386	4.86	14.712
46	4.019	3.378	7.009	4.477	5.035	5.386	4.85	14.713
48	4.019	3.372	7.009	4.477	5.035	5.386	4.85	14.712
50	4.019	3.366	7.006	4.47	5.028	5.386	4.85	14.713
52	4.016	3.359	7.003	4.47	5.028	5.386	4.85	14.713
54	4.016	3.353	7.003	4.47	5.028	5.38	4.85	14.715
56	4.016	3.34	7.006	4.47	5.028	5.38	4.841	14.716
58	4.013	3.334	7.006	4.464	5.028	5.38	4.841	14.717
60	4.013	3.328	7.006	4.464	5.022	5.38	4.841	14.717
62	4.013	3.321	7.003	4.464	5.022	5.38	4.841	14.718
64	4.01	3.321	7.003	4.458	5.022	5.38	4.841	14.718
66	4.01	3.309	7.003	4.458	5.022	5.38	4.841	14.719
68	4.01	3.302	7.003	4.458	5.016	5.38	4.841	14.72
70	4.01	3.296	7.003	4.458	5.016	5.38	4.841	14.722
72	4.01	3.29	7	4.458	5.016	5.38	4.841	14.723
74	4.006	3.29	7	4.458	5.016	5.38	4.831	14.723
76	4.006	3.283	7	4.451	5.016	5.373	4.831	14.723
78	4.006	3.277	6.997	4.451	5.009	5.373	4.831	14.724
80	4.006	3.277	6.997	4.451	5.009	5.373	4.831	14.724
82	4.003	3.271	6.997	4.451	5.009	5.373	4.831	14.725
84	4.003	3.264	6.997	4.451	5.009	5.373	4.831	14.725
86	4.003	3.258	6.997	4.451	5.003	5.373	4.831	14.725
88	4.003	3.258	6.994	4.445	5.003	5.373	4.831	14.725
90	4.003	3.258	6.994	4.445	5.003	5.373	4.831	14.725
92	4	3.252	6.994	4.445	5.003	5.367	4.831	14.725
94	4	3.252	6.994	4.445	5.003	5.373	4.822	14.725
96	3.997	3.252	6.991	4.439	4.997	5.367	4.822	14.724
98	3.997	3.252	6.988	4.439	4.997	5.367	4.822	14.724
100	3.997	3.245	6.988	4.439	4.997	5.367	4.822	14.724
115	3.981	3.226	6.981	4.433	4.99	5.361	4.813	14.723
130	3.981	3.201	6.981	4.426	4.984	5.361	4.813	14.725
145	3.965	3.195	6.978	4.42	4.978	5.361	4.813	14.726
160	3.965	3.182	6.972	4.42	4.971	5.354	4.803	14.726
175	3.965	3.176	6.972	4.414	4.971	5.354	4.803	14.726
190	3.968	3.163	6.969	4.414	4.965	5.354	4.794	14.725
205	3.968	3.157	6.966	4.407	4.959	5.348	4.794	14.723
220	3.971	3.15	6.962	4.407	4.959	5.348	4.784	14.719
235	3.971	3.144	6.959	4.401	4.952	5.348	4.784	14.716

250	3.975	3.138	6.959	4.401	4.952	5.342	4.784	14.713
265	3.975	3.131	6.959	4.401	4.952	5.342	4.784	14.713
280	3.975	3.125	6.959	4.401	4.946	5.342	4.775	14.711
295	3.975	3.131	6.956	4.395	4.946	5.342	4.775	14.706
310	3.975	3.131	6.953	4.395	4.946	5.342	4.775	14.704
325	3.978	3.131	6.953	4.395	4.94	5.342	4.775	14.703
340	3.975	3.131	6.953	4.395	4.94	5.342	4.775	14.7
355	3.978	3.131	6.953	4.389	4.94	5.342	4.765	14.697
370	3.978	3.138	6.953	4.389	4.94	5.342	4.765	14.695
385	3.981	3.138	6.953	4.389	4.94	5.342	4.765	14.694
400	3.981	3.138	6.956	4.389	4.94	5.342	4.765	14.693
415	3.981	3.138	6.956	4.389	4.94	5.342	4.765	14.692
430	3.987	3.138	6.956	4.389	4.94	5.342	4.765	14.691
445	3.991	3.138	6.956	4.389	4.933	5.342	4.765	14.692
460	3.991	3.138	6.953	4.389	4.94	5.342	4.765	14.69
475	3.991	3.144	6.953	4.389	4.933	5.342	4.765	14.688
490	3.991	3.144	6.953	4.389	4.933	5.342	4.765	14.686
505	3.991	3.144	6.953	4.389	4.94	5.342	4.765	14.688
520	3.994	3.144	6.953	4.389	4.94	5.342	4.765	14.689
535	3.991	3.144	6.953	4.389	4.94	5.342	4.765	14.689
550	3.991	3.144	6.953	4.389	4.94	5.342	4.765	14.69
565	3.994	3.144	6.953	4.389	4.94	5.342	4.765	14.69
580	3.994	3.144	6.953	4.389	4.94	5.342	4.765	14.689
595	3.994	3.144	6.959	4.389	4.94	5.348	4.765	14.692
610	3.994	3.144	6.956	4.389	4.94	5.348	4.765	14.693
625	3.994	3.15	6.956	4.389	4.94	5.348	4.765	14.694
640	3.991	3.157	6.956	4.395	4.94	5.348	4.765	14.695
655	3.984	3.182	6.959	4.395	4.946	5.348	4.765	14.697
670	3.971	3.22	6.959	4.395	4.946	5.348	4.765	14.697
685	3.959	3.264	6.962	4.395	4.946	5.348	4.765	14.7
700	3.952	3.34	6.959	4.395	4.946	5.348	4.775	14.699
715	3.943	3.524	6.959	4.395	4.946	5.348	4.765	14.697
730	3.93	3.72	6.962	4.395	4.946	5.354	4.775	14.699
745	3.889	3.897	6.969	4.401	4.952	5.354	4.775	14.699
760	3.841	4.068	6.972	4.401	4.959	5.361	4.784	14.699
775	3.8	4.201	6.975	4.407	4.959	5.361	4.784	14.7
790	3.797	4.302	6.978	4.401	4.959	5.361	4.784	14.699
805	3.822	4.41	6.931	4.407	4.965	5.361	4.784	14.701
820	3.781	4.543	6.843	4.42	4.978	5.367	4.803	14.704
835	3.772	4.625	6.818	4.414	4.965	5.354	4.784	14.702

				SE2000				
				Environmental Logger				
				9/03 08:01				
			Unit# 2	K-593	Test 1			
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)
Mode	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
I.D.	13-09	13-11	13-OW4	13-OW2	13-12	13-14	13-16	13-RW1
Reference	3.92	3.38	4.29	4.88	3.86	4.52	5.18	6.3
SG	1	1	1	1	1	1	1	1
Linearity	0.048	0.046	0.121	0.238	0.227	0.126	0.1	0.216
Scale factor	9.955	9.958	20.046	30.024	29.864	20.009	20.179	29.166
Offset	0.077	-0.034	0.028	0.014	0.015	0.005	0.049	0.22
Delay mSEC	50	50	50	50	50	50	50	50
			Step 4	8/28/96 21:00	0:01			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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0	4.247	4.204	6.383	6.238	4.613	6.199	5.861	12.483
0.0083	4.247	4.204	6.383	6.238	4.604	6.193	5.861	12.474
0.0166	4.244	4.204	6.389	6.238	4.595	6.193	5.861	12.418
0.025	4.244	4.204	6.383	6.238	4.595	6.193	5.854	12.179
0.0333	4.244	4.204	6.383	6.238	4.604	6.193	5.861	12.115
0.0416	4.244	4.204	6.383	6.238	4.595	6.193	5.861	11.792
0.05	4.244	4.204	6.376	6.247	4.595	6.186	5.854	11.571
0.0583	4.244	4.204	6.376	6.238	4.595	6.186	5.854	11.267
0.0666	4.244	4.204	6.37	6.238	4.595	6.186	5.854	11.009
0.075	4.244	4.204	6.364	6.238	4.595	6.186	5.854	10.761
0.0833	4.244	4.204	6.351	6.238	4.595	6.186	5.854	10.558
0.0916	4.244	4.204	6.345	6.238	4.595	6.18	5.854	10.355
0.1	4.244	4.204	6.332	6.238	4.595	6.18	5.854	10.18
0.1083	4.244	4.204	6.319	6.238	4.595	6.18	5.854	10.014
0.1166	4.244	4.204	6.307	6.238	4.595	6.18	5.854	9.867
0.125	4.244	4.204	6.288	6.238	4.595	6.174	5.854	9.738
0.1333	4.244	4.204	6.275	6.238	4.595	6.174	5.854	9.609
0.1416	4.24	4.204	6.256	6.238	4.595	6.168	5.854	9.489
0.15	4.24	4.204	6.243	6.238	4.595	6.168	5.854	9.388
0.1583	4.24	4.204	6.224	6.228	4.595	6.161	5.854	9.296
0.1666	4.24	4.204	6.205	6.228	4.595	6.161	5.854	9.194
0.175	4.24	4.204	6.186	6.228	4.595	6.155	5.854	9.12
0.1833	4.24	4.204	6.161	6.228	4.595	6.149	5.854	9.037
0.1916	4.24	4.204	6.148	6.219	4.595	6.142	5.854	8.964
0.2	4.24	4.204	6.129	6.219	4.595	6.136	5.854	8.899
0.2083	4.24	4.204	6.11	6.209	4.595	6.13	5.854	8.835
0.2166	4.237	4.204	6.085	6.209	4.595	6.123	5.848	8.779

0.225	4.237	4.204	6.066	6.2	4.595	6.123	5.848	8.715
0.2333	4.237	4.204	6.047	6.2	4.595	6.117	5.848	8.669
0.2416	4.237	4.204	6.028	6.19	4.595	6.104	5.848	8.614
0.25	4.237	4.204	6.009	6.19	4.595	6.098	5.848	8.567
0.2583	4.237	4.204	5.99	6.181	4.595	6.092	5.848	8.521
0.2666	4.237	4.204	5.971	6.171	4.595	6.085	5.848	8.484
0.275	4.237	4.204	5.958	6.171	4.585	6.079	5.848	8.448
0.2833	4.237	4.204	5.939	6.162	4.595	6.073	5.848	8.402
0.2916	4.234	4.204	5.92	6.162	4.595	6.067	5.848	8.374
0.3	4.234	4.204	5.901	6.152	4.595	6.054	5.848	8.337
0.3083	4.234	4.204	5.888	6.143	4.595	6.048	5.848	8.309
0.3166	4.234	4.204	5.869	6.143	4.595	6.041	5.848	8.272
0.325	4.234	4.204	5.85	6.133	4.595	6.035	5.848	8.245
0.3333	4.234	4.204	5.837	6.124	4.595	6.022	5.842	8.217
0.35	4.234	4.204	5.806	6.114	4.595	6.01	5.842	8.162
0.3666	4.234	4.204	5.774	6.095	4.595	5.991	5.842	8.107
0.3833	4.234	4.204	5.742	6.086	4.595	5.972	5.835	8.07
0.4	4.234	4.204	5.717	6.076	4.595	5.959	5.835	8.033
0.4166	4.231	4.201	5.691	6.057	4.595	5.94	5.835	7.996
0.4333	4.231	4.201	5.672	6.048	4.595	5.921	5.829	7.95
0.45	4.231	4.201	5.647	6.038	4.595	5.909	5.829	7.922
0.4666	4.231	4.201	5.622	6.019	4.595	5.89	5.822	7.895
0.4833	4.231	4.201	5.603	6.01	4.595	5.871	5.822	7.867
0.5	4.231	4.201	5.584	6	4.595	5.852	5.816	7.839
0.5166	4.231	4.201	5.558	5.991	4.595	5.833	5.816	7.812
0.5333	4.231	4.201	5.539	5.972	4.595	5.82	5.81	7.784
0.55	4.228	4.201	5.52	5.962	4.595	5.801	5.81	7.765
0.5666	4.228	4.201	5.508	5.953	4.595	5.789	5.803	7.747
0.5833	4.228	4.198	5.488	5.943	4.595	5.77	5.803	7.719
0.6	4.228	4.201	5.469	5.934	4.595	5.751	5.797	7.701
0.6166	4.228	4.198	5.457	5.915	4.595	5.738	5.797	7.683
0.6333	4.228	4.198	5.444	5.905	4.595	5.719	5.791	7.664
0.65	4.228	4.198	5.431	5.896	4.595	5.707	5.791	7.646
0.6666	4.228	4.198	5.412	5.886	4.595	5.694	5.791	7.636
0.6833	4.228	4.198	5.4	5.877	4.595	5.675	5.784	7.618
0.7	4.228	4.195	5.387	5.877	4.595	5.662	5.778	7.6
0.7166	4.228	4.195	5.374	5.867	4.595	5.65	5.778	7.59
0.7333	4.228	4.195	5.368	5.848	4.595	5.631	5.772	7.572
0.75	4.225	4.195	5.349	5.848	4.595	5.618	5.772	7.553
0.7666	4.225	4.195	5.343	5.839	4.595	5.606	5.772	7.544
0.7833	4.225	4.195	5.33	5.829	4.595	5.593	5.765	7.535
0.8	4.225	4.191	5.317	5.82	4.595	5.587	5.765	7.517
0.8166	4.225	4.191	5.311	5.81	4.595	5.568	5.759	7.517
0.8333	4.225	4.191	5.298	5.801	4.595	5.561	5.752	7.498
0.85	4.225	4.191	5.292	5.801	4.585	5.543	5.752	7.48
0.8666	4.225	4.191	5.279	5.791	4.595	5.536	5.746	7.47
0.8833	4.225	4.191	5.273	5.782	4.595	5.524	5.746	7.47
0.9	4.225	4.191	5.26	5.772	4.595	5.511	5.74	7.452
0.9166	4.221	4.188	5.254	5.772	4.595	5.498	5.74	7.443
0.9333	4.221	4.188	5.247	5.763	4.595	5.486	5.733	7.434
0.95	4.221	4.188	5.235	5.753	4.585	5.479	5.727	7.424

0.9666	4.221	4.188	5.228	5.753	4.595	5.473	5.727	7.415
0.9833	4.221	4.185	5.222	5.744	4.595	5.46	5.727	7.406
1	4.221	4.185	5.216	5.734	4.585	5.448	5.721	7.406
1.2	4.218	4.176	5.121	5.668	4.613	5.347	5.689	7.314
1.4	4.212	4.163	5.063	5.62	4.613	5.271	5.663	7.249
1.6	4.206	4.154	5.013	5.573	4.604	5.202	5.631	7.203
1.8	4.199	4.141	4.968	5.544	4.604	5.157	5.606	7.157
2	4.193	4.128	4.937	5.516	4.604	5.113	5.587	7.12
2.2	4.187	4.113	4.911	5.487	4.613	5.075	5.568	7.092
2.4	4.184	4.1	4.886	5.459	4.604	5.044	5.555	7.065
2.6	4.177	4.084	4.86	5.44	4.604	5.018	5.536	7.037
2.8	4.174	4.072	4.841	5.421	4.604	4.999	5.523	7.019
3	4.168	4.056	4.822	5.411	4.604	4.974	5.517	7
3.2	4.165	4.044	4.81	5.392	4.613	4.955	5.504	6.982
3.4	4.162	4.028	4.797	5.383	4.604	4.936	5.491	6.963
3.6	4.155	4.015	4.784	5.373	4.604	4.924	5.485	6.954
3.8	4.152	4.003	4.772	5.364	4.604	4.911	5.472	6.936
4	4.149	3.987	4.759	5.354	4.604	4.898	5.466	6.927
4.2	4.146	3.974	4.753	5.345	4.604	4.886	5.466	6.917
4.4	4.143	3.962	4.746	5.335	4.613	4.879	5.453	6.908
4.6	4.14	3.946	4.734	5.326	4.613	4.867	5.447	6.899
4.8	4.137	3.933	4.727	5.326	4.613	4.861	5.441	6.89
5	4.133	3.924	4.721	5.316	4.613	4.854	5.441	6.89
5.2	4.133	3.911	4.715	5.307	4.613	4.842	5.434	6.88
5.4	4.13	3.899	4.708	5.307	4.613	4.835	5.428	6.871
5.6	4.127	3.886	4.702	5.297	4.604	4.829	5.428	6.862
5.8	4.124	3.877	4.696	5.297	4.613	4.823	5.428	6.862
6	4.124	3.864	4.689	5.288	4.613	4.823	5.421	6.862
6.2	4.121	3.855	4.683	5.288	4.604	4.816	5.421	6.844
6.4	4.118	3.845	4.677	5.278	4.613	4.81	5.415	6.844
6.6	4.118	3.833	4.677	5.278	4.613	4.804	5.415	6.844
6.8	4.115	3.823	4.67	5.278	4.604	4.797	5.409	6.834
7	4.111	3.814	4.664	5.269	4.604	4.797	5.409	6.834
7.2	4.111	3.808	4.657	5.269	4.604	4.791	5.409	6.834
7.4	4.108	3.795	4.657	5.269	4.604	4.785	5.402	6.825
7.6	4.108	3.789	4.651	5.259	4.604	4.785	5.402	6.825
7.8	4.105	3.779	4.651	5.259	4.604	4.785	5.402	6.816
8	4.105	3.773	4.645	5.259	4.604	4.778	5.396	6.816
8.2	4.102	3.763	4.638	5.259	4.604	4.772	5.396	6.807
8.4	4.102	3.754	4.638	5.25	4.604	4.772	5.39	6.807
8.6	4.099	3.748	4.632	5.25	4.613	4.772	5.39	6.807
8.8	4.099	3.738	4.632	5.25	4.604	4.766	5.39	6.807
9	4.096	3.732	4.632	5.25	4.604	4.766	5.39	6.807
9.2	4.096	3.726	4.626	5.25	4.604	4.759	5.39	6.797
9.4	4.096	3.719	4.626	5.24	4.613	4.759	5.383	6.797
9.6	4.093	3.713	4.626	5.24	4.604	4.759	5.383	6.797
9.8	4.093	3.707	4.626	5.24	4.613	4.753	5.383	6.797
10	4.093	3.701	4.626	5.24	4.604	4.753	5.377	6.788
12	4.08	3.65	4.607	5.221	4.595	4.734	5.37	6.77
14	4.071	3.616	4.594	5.212	4.595	4.728	5.364	6.761
16	4.061	3.587	4.588	5.202	4.293	4.715	5.351	6.751

18	4.055	3.568	4.581	5.193	4.302	4.709	5.345	6.742
20	4.048	3.553	4.569	5.193	4.302	4.703	5.345	6.733
22	4.042	3.543	4.562	5.183	4.302	4.696	5.339	6.733
24	4.039	3.534	4.55	5.174	4.302	4.696	5.332	6.724
26	4.033	3.527	4.543	5.174	4.302	4.69	5.332	6.724
28	4.026	3.521	4.537	5.164	4.312	4.684	5.326	6.714
30	4.023	3.515	4.524	5.164	4.312	4.677	5.326	6.705
32	4.02	3.512	4.537	5.155	4.312	4.677	5.326	6.714
34	4.017	3.509	4.537	5.155	4.312	4.677	5.326	6.705
36	4.014	3.505	4.531	5.155	4.312	4.671	5.326	6.696
38	4.011	3.502	4.524	5.155	4.312	4.671	5.32	6.696
40	4.008	3.499	4.524	5.145	4.312	4.671	5.313	6.696
42	4.004	3.496	4.518	5.145	4.312	4.665	5.313	6.696
44	4.001	3.493	4.505	5.145	4.312	4.665	5.313	6.687
46	3.998	3.493	4.499	5.136	4.312	4.658	5.307	6.687
48	3.995	3.49	4.493	5.136	4.312	4.658	5.307	6.687
50	3.992	3.49	4.486	5.136	4.302	4.658	5.307	6.687
52	3.989	3.487	4.486	5.136	4.302	4.658	5.307	6.678
54	3.989	3.483	4.48	5.136	4.312	4.658	5.3	6.678
56	3.986	3.483	4.473	5.126	4.312	4.652	5.3	6.678
58	3.986	3.483	4.473	5.126	4.312	4.652	5.3	6.678
60	3.982	3.48	4.473	5.126	4.312	4.652	5.3	6.678
62	3.979	3.48	4.467	5.126	4.312	4.652	5.3	6.668
64	3.979	3.477	4.467	5.126	4.312	4.652	5.294	6.678
66	3.976	3.477	4.467	5.117	4.312	4.652	5.294	6.668
68	3.976	3.477	4.461	5.117	4.312	4.652	5.288	6.668
70	3.976	3.477	4.461	5.117	4.321	4.646	5.294	6.668
72	3.973	3.474	4.461	5.117	4.321	4.646	5.294	6.668
74	3.973	3.474	4.454	5.117	4.321	4.646	5.294	6.668
76	3.97	3.471	4.461	5.107	4.321	4.646	5.288	6.668
78	3.97	3.471	4.454	5.107	4.321	4.646	5.294	6.659
80	3.967	3.471	4.454	5.107	4.321	4.639	5.288	6.659
82	3.967	3.471	4.448	5.107	4.321	4.639	5.288	6.659
84	3.967	3.471	4.442	5.107	4.321	4.639	5.288	6.659
86	3.964	3.468	4.467	5.107	4.312	4.639	5.288	6.659
88	3.964	3.468	4.467	5.107	4.321	4.639	5.288	6.659
90	3.964	3.468	4.473	5.098	4.312	4.639	5.288	6.659
92	3.96	3.468	4.48	5.107	4.312	4.639	5.288	6.659
94	3.96	3.464	4.48	5.098	4.312	4.639	5.288	6.659
96	3.96	3.464	4.48	5.098	4.312	4.633	5.288	6.659
98	3.96	3.461	4.48	5.098	4.312	4.633	5.288	6.659
100	3.957	3.461	4.473	5.098	4.302	4.633	5.288	6.65
115	3.951	3.455	4.435	5.088	4.302	4.627	5.281	6.65
130	3.948	3.452	4.435	5.088	4.302	4.627	5.281	6.65
145	3.945	3.449	4.454	5.079	4.293	4.621	5.275	6.631
160	3.938	3.446	4.429	5.079	4.265	4.614	5.269	6.631
175	3.938	3.442	4.41	5.079	4.236	4.614	5.269	6.622
190	3.932	3.439	4.397	5.069	4.218	4.614	5.256	6.613

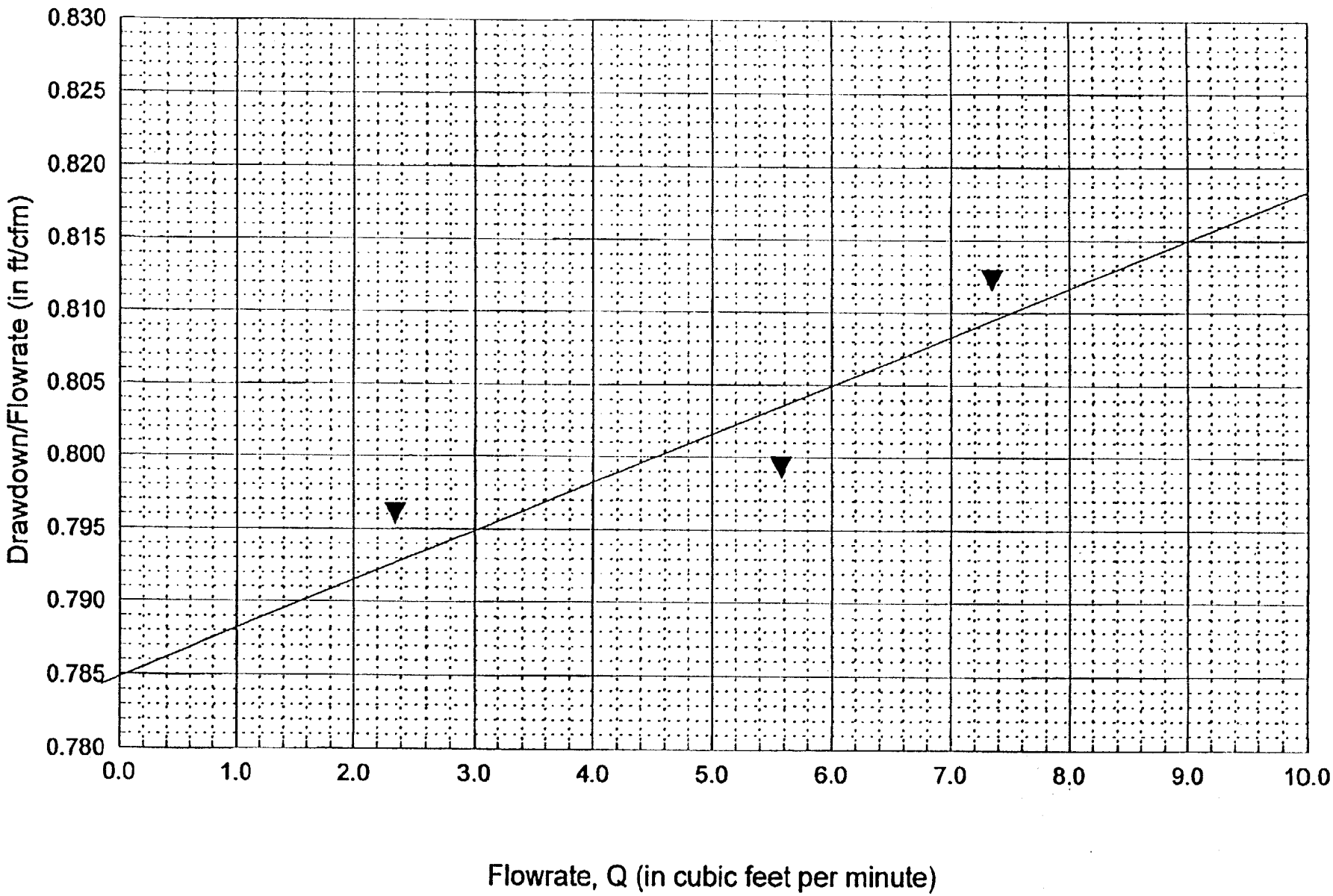
250	3.926	3.433	4.391	5.05	4.17	4.602	5.25	6.622
265	3.926	3.43	4.391	5.05	4.17	4.602	5.25	6.622
280	3.923	3.43	4.391	5.05	4.161	4.602	5.25	6.622
295	3.923	3.427	4.391	5.05	4.152	4.595	5.25	6.613
310	3.92	3.427	4.391	5.05	4.142	4.595	5.25	6.613
325	3.92	3.427	4.391	5.05	4.142	4.589	5.25	6.622
340	3.92	3.427	4.385	5.05	4.133	4.595	5.25	6.613
355	3.916	3.424	4.378	5.05	4.123	4.595	5.243	6.613
370	3.916	3.424	4.378	5.05	4.123	4.595	5.25	6.613
385	3.916	3.427	4.372	5.05	4.114	4.589	5.243	6.613
400	3.916	3.424	4.385	5.05	4.114	4.595	5.243	6.613
415	3.916	3.424	4.385	5.05	4.105	4.595	5.243	6.613
430	3.916	3.427	4.378	5.05	4.105	4.589	5.237	6.613
445	3.913	3.427	4.372	5.05	4.105	4.595	5.243	6.613
460	3.913	3.424	4.378	5.041	4.105	4.595	5.243	6.613
475	3.913	3.424	4.385	5.041	4.086	4.589	5.25	6.613
490	3.913	3.424	4.378	5.041	4.086	4.589	5.243	6.613
505	3.913	3.424	4.372	5.05	4.086	4.589	5.237	6.613
520	3.913	3.424	4.372	5.041	4.095	4.595	5.237	6.613
535	3.913	3.424	4.366	5.041	4.086	4.595	5.237	6.613
550	3.913	3.424	4.366	5.05	4.086	4.589	5.243	6.613
565	3.913	3.424	4.359	5.041	4.086	4.595	5.243	6.613
580	3.913	3.427	4.359	5.041	4.086	4.595	5.237	6.613
595	3.913	3.427	4.359	5.041	4.086	4.595	5.237	6.613
610	3.913	3.427	4.359	5.041	4.086	4.595	5.243	6.613
625	3.913	3.427	4.366	5.05	4.086	4.595	5.243	6.613
640	3.913	3.427	4.372	5.041	4.086	4.595	5.243	6.613
655	3.913	3.427	4.41	5.041	4.086	4.595	5.269	6.622
670	3.913	3.427	4.448	5.041	4.086	4.602	5.281	6.622
685	3.916	3.427	4.493	5.05	4.095	4.595	5.288	6.613
700	3.916	3.43	4.442	5.05	4.095	4.602	5.288	6.622
715	3.92	3.43	4.435	5.041	4.086	4.595	5.288	6.613
730	3.923	3.43	4.461	5.05	4.086	4.602	5.294	6.622
745	3.926	3.433	4.435	5.05	4.086	4.602	5.294	6.622
760	3.929	3.436	4.454	5.06	4.086	4.608	5.3	6.641
775	3.932	3.439	4.442	5.06	4.086	4.608	5.307	6.631
790	3.916	3.427	4.461	5.069	4.095	4.614	5.313	6.631
805	3.916	3.43	4.48	5.069	4.095	4.621	5.307	6.65
820	3.92	3.43	4.493	5.079	4.095	4.621	5.32	6.687

ATTACHMENT E

HANTUSH-BIERSCHENK METHOD

NTC Orlando, OU4, Area C

Step Drawdown Test, RW-1 Hantush-Bierschenk Method



ATTACHMENT F

FLOW RATE DATA SHEETS

ABB
ASEA BROWN BOVERI

SITE NAME NTC ORLANDO
PUMPING WELL RW-1
DEPTH OF PUMPING WELL
SCREEN SETTING

PROJECT NO. 8519.59 Page 1 of 4
REFERENCE POINT ELEVATION
GROUND SURFACE ELEVATION
PUMP TYPE
PUMP SETTING
PUMP INTAKE SETTING

DATE	TIME			DISCHARGE			REMARKS
	(CLOCK) TIME :	TOTAL ELAPSED TIME (in min)	TIME INTERVAL (in min)	FLOW METER READING (in gal.)	VOLUME (in gal.)	FLOW RATE (in gpm)	
8/28/96	16:00	0	—	3645377	0	0	Start Step 1
	16:00:30	0.5	0.5	45,405	28	56	
	16:01:30	1.5	1.0	45458	53	53	
	16:02:30	2.5	1.0	45,510	52	52	
	16:03:30	~~3.0~~ 3.5	~~0.5~~ 1.0	45,550	40	~~80~~ 40	3m adjust flow
	16:04:30	4.5	~~1.5~~ 1.0	45,587	37	37	adj flow
	16:05:30	5.5	1.0	~~46,002~~ 45602	15	15	
	16:06:30	6.5	1.0	45,614.5	12.5	12.5	
	16:09	9.0	2.5	45,646	31.5	12.6	
	16:10	10.0	1.0	45,660	14.0	14.0	
	16:13	13.0	3.0	45703	43.0	14.33	
	16:15	15.0	2.0	45730	27.0	13.5	
	16:17	17.0	2.0	45757.5	27.5	13.75	
	16:20	20.0	3.0	45800	42.5	14.17?	
	16:22	22.0	2.0	45827.5	27.5	13.75	
	16:25	25.0	3.0	45870	42.5	~~13.5~~ 14.17 JNN	
	16:28	28.0	3.0	45910.5	40.5	13.5	adjust flow
	~~16:30~~ 16:38	30.0	2.0	45942	31.5	~~17.6~~ 15.75 JNN	
	16:35	35.0	5.0	46030	88.0	17.6	
	16:40	40.0	5.0	46118	88.0	JNN ~~17.73~~ 17.6?	
	16:55	55.0	15.0	46384	266.0	17.73	
	17:25	85.0	30.0	46910	526.0	17.53	
	17:35	95.0	10.0	47089	179.0	17.9	
	17:40	100.0	5.0	47177	88.0	17.6	Step 1 END

ABB
ASEA BROWN BOVERI

SITE NAME NTC Orlando
PUMPING WELL RW-1
DEPTH OF PUMPING WELL
SCREEN SETTING

PROJECT NO. 8519.59 Page 2 of 4
REFERENCE POINT ELEVATION
GROUND SURFACE ELEVATION
PUMP TYPE
PUMP SETTING
PUMP INTAKE SETTING

DATE	TIME			DISCHARGE			REMARKS
	(CLOCK) TIME :	TOTAL ELAPSED TIME (in min)	TIME INTERVAL (in min)	FLOW METER READING (in gal.)	VOLUME (in gal.)	FLOW RATE (in gpm)	
8/28/96	17:41	101.0	1.0	47216	39.0	39.0	Step 2 Started @ 17:40
	17:42	102.0	1.0	47258	42.0	42.0	
	17:43	103.0	1.0	47302	44.0	44.0	
	17:44	104.0	1.0	47342	40.0	40.0	
	17:46	106.0	2.0	47425	83.0	41.5	
	18:03	123.0	17.0	48137	712.0	41.88	
	18:16	136.0	13.0	48682	545.0	41.92	
	18:45	165.0	29.0	49894	1212.0	41.79	
	19:15	195.0	30.0	51140	1246.0	41.53	
	19:20	200.0	5.0	51347	207.0	41.4	Step 2 End
	19:21	201.0	1.0	51403	56.0	56.0	Step 3 Started @ 1920
	19:23	263.0	2.0	51512	109.0	54.5	
	20:31	271.0	68.0	55253	3741.0	55.02	
	21:00	300.0	29.0	56848	1595	55.00	END
					11,471	Removed during Step St	

ABB
ASEA BROWN BOVERI

SITE NAME NTC Orlando
PUMPING WELL RW-1
DEPTH OF PUMPING WELL
SCREEN SETTING

PROJECT NO. 08519
Page 1 JMN 4/25/96 of 4 (3)
REFERENCE POINT ELEVATION
GROUND SURFACE ELEVATION
PUMP TYPE
PUMP SETTING
PUMP INTAKE SETTING

DATE 1996	TIME (CLOCK) TIME :	TIME TOTAL ELAPSED TIME (in min)	TIME TIME INTERVAL (in min)	DISCHARGE FLOW METER READING (in gal.)	DISCHARGE VOLUME (in gal.)	DISCHARGE FLOW RATE (in gpm)	REMARKS
8/29	11:30	0	0	356849	0	0	Start
	11:30	0.5	0.5	56871	22	44	
	11:31	1	0.5	56898	27	54	
	11:32	2	1	56952	54	54	
	11:33	3		57005	53	53	
	11:34	4	1	57051	46	46	
	11:35	~~54.5~~ 5.5	0.5	57072	21	~~42~~ 42	
	11:35:30	5.5	1.0	57114	42	42	
	11:36	6.0	0.5	57133	~~2~~ 19	38	
	11:37	7.0	1.0	57174	41	41	
	11:37:30	7.5	0.5	57192	~~3~~ 18	36	
	11:39	9.0	1.5	57253	61.0	40.67	
	11:40	10.0	1.0	57292	39	39	
	11:46	16.0	6.0	57528	236	39.3	
	12:10	~~24.0~~ 24.0	24.0	58465	937	39.0	
	12:26	56.0	16.0	59087	622	38.88	
	12:50	80.0	24.0	60018	931	38.79	
	13:20	110.0	30.0	61184	1166	38.86	JMN
	13:45	135.0	25.0	62155	971	38.84	
	14:32	182.0	47.0	63981	1826	38.85	
	15:36	246.0	64.0	66465	2484	38.81	
	16:48	318.0	72.0	69260	2795	38.82	
	17:50	380.0	62.0	71670	2410	38.87	1718 Rain Start
	1830	420.00	40.0	73228	1558	38.95	Rain Stopped

174

ABB
ASEA BROWN BOVERI

SITE NAME NTC Orlando
PUMPING WELL RW-1
DEPTH OF PUMPING WELL
SCREEN SETTING

PROJECT NO. 8519.59 Page 4 of 4
REFERENCE POINT ELEVATION
GROUND SURFACE ELEVATION
PUMP TYPE
PUMP SETTING
PUMP INTAKE SETTING

DATE	TIME			DISCHARGE			REMARKS
	(CLOCK) TIME :	TOTAL ELAPSED TIME (in min)	TIME INTERVAL (in min)	FLOW METER READING (in gal.)	VOLUME (in gal.)	FLOW RATE (in gpm)	
8/29	20:03	513.0	93.0	76848	3620	38.92	
	20:51	561.0	48.0	78712	1864	38.83	
	21:22	592.0	31.0	79915	1203	38.80	
	23:15	705.0	113.0	84298	4383	38.79	
	23:48	738.0	33.0	85581	1283	38.89	
8/30	00:60	810.0	72.0	88420	2839	39.43	
	01:47	857.0	47.0	90205	1785	37.98	
	02:35	905.0	48.0	92085	1880	39.17	
	03:31	961.0	56.0	94240	2155	38.48	
	04:20	1010.0	49.0	96150	1910	38.98	
	05:15	1065.0	55.0	98270	2120	38.55	
	05:30	1080.0	15.0	98865	595	39.67	

ATTACHMENT G

PUMPING DATA

				SE2000				
				Environmental Logger				
				9/03 09:54				
			Unit# C		Test 2			
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Function
Mode	TOC	TOC	TOC	TOC	TOC	TOC	TOC	
I.D.	13-10	13-OW1	13-OW3	13-13	13-15	13-17	RP	BP
Reference	3.65	4.57	6.97	4.4	4.98	5.39	4.78	
SG	1	1	1	1	1	1	1	
Linearity	0.045	0.126	0.024	0.118	0.109	0.117	-0.006	0.041
Scale factor	10.027	19.992	9.921	19.906	20.045	19.999	30.024	7.96
Offset	-0.022	0.054	-0.021	-0.009	0.016	-0.004	-0.041	7.992
Delay mSEC	50	50	50	50	50	50	50	50
			Step 0	8/29/96 11:00	30:00:00			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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0	3.627	4.671	6.976	4.387	4.98	5.383	4.77	14.699
0.0083	3.634	4.677	6.976	4.387	4.98	5.383	4.77	14.699
0.0166	3.637	4.671	6.976	4.387	4.98	5.383	4.77	14.697
0.025	3.64	4.677	6.976	4.393	4.98	5.383	4.77	14.699
0.0333	3.646	4.671	6.976	4.387	4.98	5.383	4.77	14.699
0.0416	3.646	4.671	6.976	4.393	4.98	5.383	4.77	14.699
0.05	3.646	4.671	6.976	4.393	4.98	5.383	4.77	14.699
0.0583	3.65	4.677	6.976	4.393	4.98	5.383	4.77	14.699
0.0666	3.653	4.671	6.976	4.393	4.98	5.383	4.77	14.699
0.075	3.653	4.671	6.976	4.393	4.98	5.383	4.77	14.699
0.0833	3.653	4.69	6.976	4.387	4.98	5.383	5.991	14.699
0.0916	3.656	4.709	6.976	4.393	4.98	5.383	5.357	14.699
0.1	3.659	4.696	6.976	4.393	4.98	5.383	5.452	14.699
0.1083	3.659	4.715	6.976	4.387	4.98	5.383	5.868	14.697
0.1166	3.662	4.74	6.976	4.387	4.98	5.383	6.209	14.699
0.125	3.662	4.759	6.976	4.393	4.98	5.383	6.512	14.699
0.1333	3.662	4.791	6.976	4.393	4.98	5.383	6.748	14.699
0.1416	3.665	4.81	6.979	4.387	4.98	5.383	6.938	14.699
0.15	3.665	4.842	6.976	4.393	4.98	5.383	7.127	14.697
0.1583	3.665	4.873	6.976	4.393	4.98	5.383	7.288	14.699
0.1666	3.669	4.911	6.979	4.393	4.98	5.383	7.439	14.697
0.175	3.669	4.949	6.976	4.387	4.98	5.383	7.563	14.699
0.1833	3.669	4.987	6.976	4.387	4.98	5.383	7.676	14.699
0.1916	3.672	5.031	6.979	4.393	4.98	5.383	7.78	14.697
0.2	3.675	5.069	6.979	4.393	4.98	5.383	7.884	14.699
0.2083	3.675	5.101	6.979	4.393	4.98	5.383	7.97	14.697
0.2166	3.675	5.145	6.976	4.393	4.98	5.383	8.055	14.699

0.225	3.675	5.183	6.979	4.393	4.98	5.383	8.13	14.699
0.2333	3.675	5.215	6.979	4.393	4.98	5.383	8.206	14.699
0.2416	3.678	5.253	6.979	4.393	4.98	5.383	8.272	14.699
0.25	3.681	5.285	6.979	4.393	4.98	5.383	8.329	14.699
0.2583	3.681	5.316	6.976	4.393	4.98	5.383	8.377	14.699
0.2666	3.681	5.354	6.976	4.393	4.98	5.383	8.414	14.697
0.275	3.681	5.379	6.979	4.393	4.98	5.383	8.471	14.699
0.2833	3.684	5.417	6.976	4.393	4.98	5.383	8.519	14.699
0.2916	3.684	5.443	6.976	4.393	4.98	5.383	8.575	14.699
0.3	3.688	5.468	6.976	4.393	4.98	5.383	8.613	14.699
0.3083	3.688	5.5	6.976	4.393	4.986	5.383	8.661	14.697
0.3166	3.688	5.525	6.976	4.393	4.98	5.383	8.698	14.699
0.325	3.691	5.55	6.976	4.4	4.986	5.383	8.727	14.697
0.3333	3.691	5.569	6.976	4.393	4.986	5.39	8.755	14.699
0.35	3.691	5.62	6.976	4.4	4.986	5.383	8.822	14.699
0.3666	3.691	5.658	6.976	4.4	4.986	5.383	8.878	14.699
0.3833	3.691	5.702	6.979	4.4	4.986	5.39	8.945	14.699
0.4	3.691	5.74	6.979	4.4	4.986	5.39	8.992	14.699
0.4166	3.694	5.772	6.976	4.406	4.986	5.39	9.049	14.699
0.4333	3.694	5.803	6.979	4.406	4.986	5.39	9.087	14.699
0.45	3.694	5.841	6.979	4.406	4.986	5.39	9.134	14.699
0.4666	3.697	5.867	6.979	4.412	4.98	5.39	9.162	14.699
0.4833	3.697	5.892	6.979	4.412	4.986	5.39	9.181	14.699
0.5	3.7	5.923	6.979	4.412	4.986	5.39	9.219	14.699
0.5166	3.7	5.942	6.982	4.412	4.986	5.39	9.238	14.697
0.5333	3.7	5.968	6.982	4.418	4.986	5.396	9.266	14.699
0.55	3.703	5.993	6.982	4.418	4.986	5.396	9.285	14.699
0.5666	3.707	6.012	6.985	4.425	4.986	5.396	9.314	14.699
0.5833	3.703	6.031	6.988	4.425	4.986	5.396	9.342	14.699
0.6	3.707	6.05	6.988	4.425	4.986	5.396	9.352	14.699
0.6166	3.71	6.069	6.988	4.431	4.986	5.402	9.361	14.699
0.6333	3.71	6.088	6.991	4.431	4.986	5.402	9.399	14.699
0.65	3.71	6.101	6.991	4.437	4.986	5.402	9.399	14.699
0.6666	3.713	6.12	6.995	4.437	4.986	5.402	9.418	14.699
0.6833	3.713	6.132	6.998	4.443	4.986	5.408	9.446	14.699
0.7	3.716	6.145	6.998	4.443	4.986	5.408	9.456	14.699
0.7166	3.716	6.164	7.001	4.45	4.986	5.408	9.465	14.699
0.7333	3.719	6.177	7.004	4.45	4.986	5.408	9.494	14.699
0.75	3.719	6.189	7.004	4.456	4.986	5.415	9.503	14.699
0.7666	3.722	6.202	7.004	4.456	4.986	5.415	9.522	14.699
0.7833	3.722	6.214	7.01	4.462	4.986	5.415	9.531	14.699
0.8	3.722	6.227	7.01	4.462	4.986	5.421	9.541	14.699
0.8166	3.726	6.233	7.013	4.469	4.986	5.421	9.55	14.699
0.8333	3.726	6.246	7.017	4.469	4.986	5.421	9.56	14.697
0.85	3.729	6.259	7.02	4.475	4.992	5.427	9.569	14.699
0.8666	3.729	6.265	7.02	4.475	4.986	5.427	9.588	14.699
0.8833	3.732	6.278	7.023	4.481	4.992	5.427	9.588	14.699
0.9	3.732	6.284	7.023	4.481	4.992	5.434	9.607	14.699
0.9166	3.735	6.297	7.029	4.487	4.992	5.434	9.607	14.699
0.9333	3.738	6.309	7.029	4.487	4.992	5.434	9.626	14.697
0.95	3.738	6.316	7.032	4.494	4.992	5.44	9.636	14.699

0.9666	3.738	6.328	7.035	4.5	4.992	5.44	9.636	14.699
0.9833	3.741	6.335	7.039	4.506	4.992	5.44	9.645	14.697
1	3.741	6.347	7.039	4.506	4.992	5.446	9.664	14.697
1.2	3.738	6.43	7.067	4.55	4.998	5.472	9.759	14.699
1.4	3.751	6.493	7.089	4.594	4.998	5.503	9.806	14.697
1.6	3.764	6.543	7.111	4.645	5.005	5.535	9.844	14.699
1.8	3.77	6.588	7.123	4.695	5.011	5.56	9.901	14.699
2	3.783	6.626	7.136	4.739	5.011	5.592	9.91	14.699
2.2	3.792	6.651	7.151	4.777	5.017	5.617	9.967	14.699
2.4	3.802	6.676	7.17	4.821	5.017	5.649	9.986	14.699
2.6	3.802	6.695	7.18	4.858	5.017	5.668	10.005	14.699
2.8	3.811	6.701	7.186	4.896	5.024	5.687	9.91	14.699
3	3.818	6.683	7.189	4.934	5.024	5.706	9.872	14.699
3.2	3.824	6.683	7.189	4.965	5.024	5.725	9.853	14.699
3.4	3.83	6.676	7.183	4.997	5.03	5.738	9.664	14.699
3.6	3.833	6.581	7.18	5.022	5.03	5.75	9.352	14.699
3.8	3.84	6.518	7.177	5.047	5.036	5.763	9.248	14.699
4	3.843	6.486	7.177	5.066	5.036	5.776	9.229	14.699
4.2	3.849	6.467	7.177	5.085	5.036	5.782	9.21	14.699
4.4	3.856	6.461	7.186	5.097	5.036	5.788	9.21	14.699
4.6	3.865	6.442	7.199	5.11	5.043	5.795	9.096	14.697
4.8	3.871	6.417	7.217	5.122	5.049	5.801	9.049	14.699
5	3.875	6.404	7.239	5.135	5.049	5.807	9.039	14.699
5.2	3.878	6.398	7.252	5.141	5.049	5.807	9.049	14.699
5.4	3.881	6.392	7.268	5.147	5.049	5.807	8.992	14.699
5.6	3.881	6.385	7.274	5.154	5.055	5.814	8.992	14.699
5.8	3.881	6.385	7.283	5.154	5.049	5.814	8.982	14.699
6	3.884	6.385	7.286	5.16	5.049	5.814	8.935	14.699
6.2	3.884	6.373	7.289	5.166	5.055	5.814	8.907	14.697
6.4	3.887	6.366	7.286	5.166	5.055	5.814	8.888	14.699
6.6	3.887	6.36	7.286	5.173	5.055	5.807	8.897	14.699
6.8	3.887	6.36	7.286	5.166	5.055	5.807	8.888	14.699
7	3.89	6.36	7.286	5.173	5.055	5.807	8.897	14.699
7.2	3.89	6.366	7.286	5.173	5.062	5.807	8.888	14.699
7.4	3.89	6.366	7.283	5.173	5.055	5.807	8.897	14.699
7.6	3.894	6.366	7.283	5.179	5.062	5.807	8.85	14.699
7.8	3.894	6.36	7.283	5.179	5.062	5.807	8.831	14.699
8	3.894	6.354	7.283	5.179	5.062	5.807	8.831	14.699
8.2	3.894	6.354	7.283	5.179	5.062	5.807	8.84	14.699
8.4	3.894	6.354	7.28	5.179	5.062	5.807	8.822	14.699
8.6	3.894	6.354	7.277	5.173	5.062	5.807	8.831	14.699
8.8	3.894	6.36	7.277	5.179	5.062	5.807	8.822	14.699
9	3.894	6.36	7.271	5.179	5.062	5.807	8.831	14.699
9.2	3.894	6.366	7.271	5.179	5.062	5.807	8.822	14.699
9.4	3.894	6.36	7.271	5.179	5.068	5.807	8.822	14.699
9.6	3.894	6.36	7.271	5.179	5.068	5.807	8.822	14.699
9.8	3.897	6.366	7.271	5.179	5.068	5.807	8.812	14.699
10	3.903	6.366	7.271	5.185	5.068	5.807	8.822	14.699
12	3.897	6.379	7.261	5.191	5.087	5.814	8.831	14.701
14	3.906	6.354	7.236	5.198	5.093	5.82	8.85	14.701
16	3.929	6.36	7.28	5.21	5.1	5.826	8.859	14.701

18	3.932	6.379	7.255	5.217	5.1	5.82	8.869	14.701
20	3.935	6.354	7.264	5.223	5.112	5.833	8.859	14.701
22	3.938	6.322	7.233	5.229	5.112	5.833	8.869	14.701
24	3.948	6.309	7.249	5.223	5.106	5.826	8.85	14.7
26	3.976	6.354	7.327	5.235	5.125	5.839	8.897	14.701
28	3.979	6.366	7.321	5.242	5.131	5.845	8.888	14.701
30	3.986	6.379	7.308	5.248	5.131	5.845	8.888	14.7
32	3.995	6.392	7.296	5.254	5.138	5.845	8.907	14.7
34	4.001	6.398	7.299	5.254	5.144	5.852	8.907	14.699
36	4.005	6.411	7.293	5.261	5.15	5.852	8.907	14.699
38	4.014	6.417	7.286	5.267	5.15	5.852	8.907	14.699
40	4.02	6.423	7.28	5.267	5.15	5.858	8.926	14.699
42	4.024	6.423	7.293	5.267	5.163	5.858	8.888	14.699
44	4.03	6.417	7.227	5.267	5.157	5.852	8.897	14.699
46	4.04	6.442	7.311	5.273	5.169	5.864	8.907	14.699
48	4.043	6.461	7.302	5.273	5.169	5.858	8.907	14.699
50	4.043	6.474	7.289	5.279	5.169	5.864	8.907	14.697
52	4.043	6.455	7.23	5.279	5.169	5.858	8.907	14.697
54	4.046	6.392	7.199	5.279	5.169	5.858	8.897	14.697
56	4.062	6.417	7.311	5.286	5.188	5.871	8.907	14.697
58	4.071	6.404	7.255	5.286	5.182	5.864	8.926	14.699
60	4.074	6.417	7.318	5.292	5.188	5.871	8.916	14.699
62	4.081	6.398	7.286	5.292	5.188	5.871	8.916	14.697
64	4.09	6.423	7.33	5.298	5.195	5.871	8.926	14.697
66	4.09	6.442	7.302	5.298	5.195	5.877	8.926	14.696
68	4.09	6.455	7.299	5.298	5.195	5.877	8.916	14.696
70	4.093	6.455	7.293	5.305	5.201	5.877	8.926	14.696
72	4.093	6.455	7.293	5.305	5.201	5.877	8.935	14.696
74	4.097	6.455	7.296	5.305	5.207	5.877	8.926	14.695
76	4.097	6.448	7.302	5.298	5.195	5.877	8.926	14.694
78	4.103	6.474	7.315	5.311	5.207	5.883	8.945	14.694
80	4.103	6.493	7.308	5.311	5.207	5.883	8.935	14.693
82	4.106	6.505	7.308	5.311	5.214	5.883	8.945	14.694
84	4.106	6.499	7.286	5.311	5.214	5.883	8.926	14.695
86	4.103	6.467	7.252	5.317	5.207	5.877	8.945	14.693
88	4.116	6.499	7.321	5.317	5.22	5.89	8.954	14.694
90	4.112	6.512	7.315	5.323	5.22	5.89	8.954	14.694
92	4.119	6.524	7.311	5.323	5.22	5.883	8.954	14.693
94	4.119	6.512	7.311	5.323	5.226	5.89	8.954	14.693
96	4.125	6.505	7.302	5.323	5.226	5.89	8.954	14.693
98	4.128	6.505	7.311	5.33	5.226	5.89	8.964	14.692
100	4.131	6.505	7.321	5.33	5.226	5.89	8.973	14.69
120	4.144	6.543	7.321	5.342	5.245	5.902	8.982	14.686
140	4.147	6.638	7.327	5.355	5.258	5.908	8.973	14.683
160	4.173	6.638	7.377	5.361	5.271	5.915	9.001	14.679
180	4.157	6.765	7.327	5.367	5.277	5.921	9.02	14.675
200	4.157	6.872	7.321	5.38	5.29	5.921	9.02	14.67
220	4.166	6.879	7.355	5.386	5.296	5.927	9.02	14.667
240	4.166	6.815	7.324	5.392	5.302	5.927	9.03	14.663
260	4.185	6.645	7.343	5.399	5.309	5.94	9.039	14.662
280	4.182	6.67	7.337	5.399	5.315	5.94	9.039	14.657

300	4.179	6.727	7.318	5.405	5.328	5.946	9.049	14.654
320	4.198	6.607	7.327	5.418	5.334	5.946	9.049	14.651
340	4.22	6.404	7.324	5.418	5.34	5.959	9.039	14.66
360	4.303	6.069	7.286	5.418	5.347	5.953	9.03	14.652
380	12.478	5.595	7.321	5.392	5.328	5.934	9.011	14.656
400	12.478	5.367	7.28	5.311	5.15	5.814	8.954	14.657
420	12.478	5.266	7.261	5.273	5.043	5.776	8.935	14.654
440	12.478	5.202	7.258	5.261	5.011	5.769	8.935	14.659
460	12.478	5.164	7.249	5.254	4.998	5.769	8.935	14.66
480	12.478	5.101	7.246	5.254	5.005	5.769	8.926	14.668
500	12.478	5.076	7.239	5.254	5.017	5.769	8.916	14.666
520	12.478	5.044	7.239	5.254	5.03	5.776	8.907	14.668
540	12.478	5.031	7.246	5.261	5.043	5.782	8.926	14.671
560	12.478	5.012	7.249	5.267	5.055	5.782	8.916	14.672
580	12.478	5	7.249	5.273	5.068	5.795	8.926	14.675
600	12.478	4.993	7.249	5.273	5.081	5.795	8.926	14.672
620	12.478	4.981	7.255	5.279	5.093	5.801	8.935	14.678
640	12.478	4.968	7.261	5.286	5.106	5.814	8.935	14.683
660	12.478	4.962	7.264	5.292	5.119	5.814	8.954	14.686
680	12.478	4.981	7.258	5.292	5.131	5.82	8.954	14.681
700	12.478	4.981	7.268	5.298	5.144	5.826	8.954	14.682
720	12.478	4.974	7.268	5.292	5.157	5.826	8.964	14.68
740	12.478	4.974	7.274	5.311	5.163	5.839	8.964	14.684
760	12.478	4.987	7.277	5.311	5.176	5.839	8.964	14.681
780	12.478	4.993	7.28	5.323	5.188	5.845	8.964	14.681
800	12.478	5.006	7.283	5.323	5.195	5.852	8.973	14.68
820	12.478	5.019	7.28	5.323	5.201	5.852	8.982	14.675
840	12.478	5.025	7.286	5.33	5.214	5.858	8.992	14.674
860	12.478	5.031	7.289	5.336	5.22	5.864	8.982	14.672
880	12.478	5.044	7.289	5.342	5.226	5.871	8.982	14.668
900	12.478	5.05	7.293	5.342	5.233	5.871	8.992	14.665
920	12.478	5.063	7.296	5.349	5.239	5.877	8.992	14.66
940	12.478	5.076	7.296	5.349	5.252	5.877	9.001	14.654
960	12.478	5.082	7.302	5.355	5.258	5.883	9.011	14.651
980	12.478	5.095	7.302	5.355	5.264	5.89	9.011	14.649
1000	12.478	5.101	7.308	5.361	5.271	5.89	9.011	14.649
1020	12.478	5.114	7.305	5.367	5.277	5.896	9.011	14.646
1040	12.478	5.12	7.311	5.367	5.283	5.902	9.011	14.645
1060	12.478	5.126	7.311	5.367	5.283	5.902	9.011	14.645

				SE2000				
				Environmental Logger				
				9/03 07:51				
			Unit# 2	K-593	Test 2			
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)
Mode	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
I.D.	13-09	13-11	13-OW4	13-OW2	13-12	13-14	13-16	13-RW1
Reference	3.94	3.46	4.38	4.96	3.95	4.61	5.28	6.39
SG	1	1	1	1	1	1	1	1
Linearity	0.048	0.046	0.121	0.238	0.227	0.126	0.1	0.216
Scale factor	9.955	9.958	20.046	30.024	29.864	20.009	20.179	29.166
Offset	0.077	-0.034	0.028	0.014	0.015	0.005	0.049	0.22
Delay mSEC	50	50	50	50	50	50	50	50
			Step 0	8/29/96 11:00	30:00:00			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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0	3.949	3.46	4.329	4.95	3.94	4.61	5.273	6.371
0.0083	3.949	3.46	4.335	4.95	3.94	4.61	5.273	6.371
0.0166	3.949	3.463	4.329	4.95	3.931	4.61	5.273	6.371
0.025	3.949	3.46	4.335	4.95	3.94	4.61	5.273	6.371
0.0333	3.949	3.463	4.335	4.95	3.94	4.61	5.273	6.371
0.0416	3.949	3.463	4.335	4.95	3.931	4.61	5.273	6.362
0.05	3.949	3.463	4.335	4.95	3.94	4.61	5.273	6.371
0.0583	3.949	3.463	4.341	4.95	3.94	4.61	5.273	6.371
0.0666	3.949	3.463	4.335	4.95	3.94	4.61	5.273	6.371
0.075	3.949	3.463	4.335	4.95	3.94	4.61	5.273	6.362
0.0833	3.949	3.463	4.341	4.95	3.94	4.61	5.273	6.371
0.0916	3.949	3.463	4.341	4.95	3.94	4.61	5.273	6.943
0.1	3.949	3.463	4.348	4.95	3.94	4.61	5.273	7.063
0.1083	3.949	3.463	4.348	4.941	3.931	4.61	5.273	6.961
0.1166	3.949	3.463	4.348	4.941	3.94	4.61	5.273	7.348
0.125	3.949	3.463	4.36	4.941	3.94	4.61	5.273	7.717
0.1333	3.949	3.463	4.367	4.941	3.94	4.61	5.273	8.049
0.1416	3.949	3.463	4.373	4.941	3.94	4.61	5.273	8.27
0.15	3.952	3.463	4.386	4.941	3.94	4.61	5.273	8.491
0.1583	3.952	3.463	4.392	4.941	3.931	4.616	5.273	8.639
0.1666	3.949	3.463	4.411	4.941	3.94	4.616	5.273	8.823
0.175	3.952	3.463	4.424	4.941	3.94	4.616	5.273	8.98
0.1833	3.952	3.463	4.437	4.941	3.94	4.622	5.28	9.118
0.1916	3.952	3.463	4.456	4.95	3.931	4.622	5.273	9.265
0.2	3.952	3.463	4.475	4.95	3.94	4.628	5.273	9.358
0.2083	3.952	3.463	4.494	4.95	3.94	4.628	5.273	9.459
0.2166	3.952	3.463	4.506	4.95	3.94	4.635	5.273	9.57

0.225	3.952	3.463	4.532	4.95	3.94	4.635	5.273	9.616
0.2333	3.952	3.463	4.551	4.95	3.931	4.641	5.273	9.708
0.2416	3.955	3.463	4.57	4.96	3.94	4.647	5.273	9.781
0.25	3.955	3.463	4.589	4.96	3.94	4.647	5.273	9.837
0.2583	3.955	3.463	4.608	4.969	3.94	4.66	5.273	9.91
0.2666	3.955	3.463	4.633	4.969	3.94	4.66	5.28	9.957
0.275	3.955	3.463	4.646	4.969	3.94	4.666	5.273	10.012
0.2833	3.955	3.463	4.665	4.978	3.94	4.673	5.273	10.067
0.2916	3.955	3.463	4.69	4.978	3.94	4.679	5.273	10.122
0.3	3.955	3.463	4.703	4.988	3.94	4.685	5.273	10.159
0.3083	3.955	3.463	4.728	4.988	3.94	4.692	5.28	10.196
0.3166	3.958	3.463	4.747	4.997	3.94	4.698	5.273	10.251
0.325	3.958	3.463	4.76	5.007	3.94	4.704	5.28	10.279
0.3333	3.958	3.463	4.786	5.007	3.94	4.711	5.28	10.316
0.35	3.958	3.463	4.811	5.016	3.94	4.729	5.28	10.39
0.3666	3.958	3.463	4.849	5.035	3.94	4.742	5.28	10.445
0.3833	3.958	3.463	4.881	5.045	3.94	4.761	5.28	10.528
0.4	3.958	3.463	4.912	5.054	3.94	4.774	5.28	10.565
0.4166	3.962	3.463	4.944	5.073	3.95	4.793	5.28	10.611
0.4333	3.962	3.463	4.969	5.083	3.94	4.805	5.286	10.648
0.45	3.958	3.463	4.995	5.092	3.94	4.824	5.286	10.721
0.4666	3.962	3.466	5.027	5.111	3.94	4.843	5.286	10.74
0.4833	3.962	3.466	5.046	5.121	3.94	4.862	5.292	10.786
0.5	3.962	3.466	5.071	5.13	3.94	4.875	5.292	10.795
0.5166	3.962	3.466	5.09	5.149	3.94	4.894	5.299	10.832
0.5333	3.962	3.466	5.115	5.159	3.94	4.913	5.299	10.85
0.55	3.965	3.466	5.134	5.168	3.94	4.925	5.299	10.878
0.5666	3.962	3.466	5.153	5.187	3.94	4.944	5.305	10.905
0.5833	3.962	3.466	5.172	5.197	3.94	4.963	5.305	10.924
0.6	3.965	3.466	5.192	5.206	3.94	4.976	5.311	10.942
0.6166	3.965	3.466	5.211	5.216	3.94	4.995	5.311	10.961
0.6333	3.965	3.466	5.23	5.235	3.94	5.007	5.318	10.979
0.65	3.965	3.469	5.242	5.244	3.94	5.026	5.318	11.016
0.6666	3.965	3.469	5.261	5.244	3.94	5.039	5.324	11.034
0.6833	3.965	3.469	5.274	5.263	3.94	5.052	5.324	11.034
0.7	3.965	3.469	5.287	5.273	3.94	5.071	5.33	11.053
0.7166	3.965	3.469	5.299	5.282	3.94	5.083	5.33	11.08
0.7333	3.968	3.469	5.312	5.292	3.94	5.096	5.337	11.08
0.75	3.968	3.469	5.331	5.301	3.94	5.115	5.337	11.09
0.7666	3.968	3.472	5.344	5.311	3.94	5.127	5.343	11.117
0.7833	3.965	3.469	5.35	5.311	3.94	5.14	5.343	11.117
0.8	3.968	3.472	5.363	5.32	3.94	5.153	5.35	11.127
0.8166	3.968	3.472	5.375	5.33	3.94	5.165	5.356	11.154
0.8333	3.968	3.472	5.388	5.339	3.94	5.178	5.356	11.163
0.85	3.968	3.472	5.394	5.349	3.94	5.19	5.362	11.163
0.8666	3.968	3.475	5.407	5.358	3.94	5.203	5.362	11.2
0.8833	3.968	3.475	5.42	5.368	3.94	5.216	5.369	11.191
0.9	3.968	3.475	5.426	5.377	3.94	5.228	5.375	11.2
0.9166	3.968	3.475	5.439	5.377	3.94	5.241	5.375	11.219
0.9333	3.971	3.475	5.445	5.387	3.94	5.254	5.375	11.237
0.95	3.971	3.475	5.458	5.396	3.94	5.26	5.381	11.246

0.9666	3.971	3.475	5.464	5.396	3.94	5.273	5.388	11.265
0.9833	3.971	3.478	5.477	5.396	3.94	5.285	5.388	11.265
1	3.971	3.478	5.483	5.415	3.94	5.292	5.388	11.265
1.2	3.974	3.485	5.566	5.482	3.95	5.399	5.426	11.348
1.4	3.98	3.497	5.629	5.529	4.006	5.481	5.458	11.412
1.6	3.987	3.507	5.686	5.577	4.034	5.55	5.483	11.486
1.8	3.99	3.519	5.724	5.605	4.053	5.601	5.509	11.504
2	3.996	3.532	5.756	5.643	4.063	5.645	5.528	11.541
2.2	3.999	3.544	5.781	5.672	4.072	5.683	5.547	11.578
2.4	4.002	3.557	5.807	5.691	4.081	5.715	5.566	11.596
2.6	4.002	3.563	5.813	5.71	4.081	5.746	5.579	11.615
2.8	4.006	3.579	5.813	5.729	4.091	5.765	5.591	11.513
3	4.009	3.589	5.794	5.738	4.091	5.778	5.604	11.495
3.2	4.012	3.604	5.781	5.738	4.091	5.79	5.604	11.467
3.4	4.015	3.617	5.769	5.748	4.1	5.797	5.604	11.274
3.6	4.015	3.633	5.712	5.748	4.1	5.797	5.611	10.952
3.8	4.018	3.642	5.661	5.738	4.1	5.778	5.611	10.832
4	4.018	3.655	5.635	5.729	4.1	5.765	5.611	10.776
4.2	4.021	3.667	5.616	5.719	4.1	5.746	5.611	10.758
4.4	4.028	3.683	5.616	5.719	4.1	5.74	5.611	10.758
4.6	4.034	3.699	5.629	5.719	4.1	5.733	5.623	10.648
4.8	4.04	3.714	5.616	5.719	4.091	5.721	5.63	10.555
5	4.046	3.724	5.616	5.719	4.1	5.715	5.63	10.546
5.2	4.05	3.736	5.623	5.71	4.1	5.708	5.636	10.537
5.4	4.05	3.746	5.629	5.71	4.091	5.696	5.642	10.528
5.6	4.05	3.752	5.635	5.7	4.091	5.696	5.642	10.5
5.8	4.053	3.762	5.642	5.7	4.091	5.689	5.636	10.537
6	4.053	3.768	5.648	5.7	4.091	5.689	5.636	10.5
6.2	4.056	3.774	5.648	5.7	4.081	5.683	5.63	10.482
6.4	4.056	3.784	5.648	5.691	4.091	5.677	5.63	10.463
6.6	4.059	3.79	5.648	5.691	4.091	5.67	5.63	10.454
6.8	4.059	3.796	5.642	5.691	4.081	5.67	5.63	10.463
7	4.059	3.803	5.642	5.691	4.091	5.67	5.63	10.463
7.2	4.059	3.806	5.642	5.691	4.081	5.67	5.63	10.482
7.4	4.062	3.815	5.642	5.691	4.081	5.67	5.63	10.491
7.6	4.062	3.818	5.648	5.691	4.081	5.664	5.63	10.454
7.8	4.062	3.825	5.642	5.691	4.081	5.664	5.636	10.436
8	4.065	3.828	5.642	5.681	4.081	5.664	5.636	10.445
8.2	4.065	3.834	5.635	5.681	4.081	5.658	5.636	10.426
8.4	4.062	3.837	5.642	5.681	4.081	5.658	5.636	10.436
8.6	4.065	3.84	5.629	5.691	4.081	5.658	5.636	10.454
8.8	4.065	3.843	5.635	5.681	4.081	5.658	5.63	10.445
9	4.065	3.85	5.635	5.691	4.081	5.658	5.63	10.436
9.2	4.068	3.853	5.642	5.681	4.081	5.658	5.63	10.454
9.4	4.068	3.856	5.642	5.691	4.081	5.658	5.63	10.436
9.6	4.068	3.859	5.642	5.681	4.081	5.658	5.636	10.436
9.8	4.068	3.862	5.648	5.691	4.081	5.658	5.63	10.445
10	4.068	3.865	5.655	5.691	4.081	5.658	5.636	10.454
12	4.078	3.894	5.674	5.7	4.1	5.677	5.655	10.399
14	4.078	3.91	5.572	5.71	4.1	5.683	5.642	10.399
16	4.094	3.928	5.629	5.719	4.1	5.689	5.661	10.417

18	4.094	3.935	5.661	5.719	4.1	5.689	5.661	10.454
20	4.094	3.938	5.591	5.729	4.1	5.696	5.668	10.426
22	4.097	3.944	5.591	5.729	4.1	5.702	5.655	10.39
24	4.1	3.954	5.629	5.738	4.1	5.702	5.661	10.417
26	4.122	3.969	5.718	5.748	4.11	5.715	5.687	10.5
28	4.125	3.969	5.686	5.748	4.1	5.715	5.687	10.482
30	4.122	3.969	5.686	5.757	4.1	5.715	5.687	10.472
32	4.131	3.976	5.705	5.757	4.1	5.721	5.7	10.491
34	4.135	3.979	5.712	5.767	4.1	5.721	5.7	10.519
36	4.135	3.979	5.743	5.767	4.26	5.727	5.693	10.491
38	4.138	3.982	5.737	5.776	4.251	5.727	5.7	10.509
40	4.141	3.982	5.737	5.776	4.26	5.733	5.712	10.5
42	4.144	3.985	5.75	5.776	4.26	5.733	5.712	10.463
44	4.15	3.991	5.762	5.776	4.26	5.733	5.687	10.491
46	4.153	3.994	5.775	5.786	4.26	5.733	5.712	10.482
48	4.157	3.994	5.788	5.795	4.26	5.74	5.719	10.5
50	4.16	3.998	5.788	5.795	4.251	5.74	5.725	10.472
52	4.153	3.991	5.68	5.786	4.251	5.74	5.693	10.436
54	4.147	3.991	5.559	5.786	4.251	5.74	5.693	10.426
56	4.163	4.001	5.712	5.805	4.251	5.746	5.725	10.482
58	4.166	4.004	5.699	5.795	4.26	5.746	5.712	10.463
60	4.166	4.001	5.762	5.805	4.26	5.752	5.725	10.472
62	4.166	4.004	5.724	5.805	4.251	5.752	5.725	10.463
64	4.179	4.013	5.769	5.814	4.251	5.752	5.725	10.519
66	4.179	4.01	5.756	5.814	4.251	5.752	5.738	10.509
68	4.175	4.01	5.769	5.814	4.251	5.759	5.738	10.5
70	4.182	4.013	5.788	5.814	4.251	5.759	5.744	10.528
72	4.179	4.013	5.807	5.814	4.251	5.759	5.751	10.528
74	4.185	4.02	5.807	5.824	4.251	5.765	5.763	10.509
76	4.182	4.017	5.807	5.814	4.232	5.752	5.731	10.5
78	4.188	4.02	5.864	5.824	4.251	5.765	5.744	10.519
80	4.188	4.02	5.845	5.824	4.251	5.765	5.751	10.546
82	4.191	4.023	5.832	5.824	4.242	5.771	5.776	10.509
84	4.191	4.02	5.788	5.824	4.242	5.771	5.77	10.528
86	4.185	4.017	5.699	5.824	4.251	5.765	5.725	10.528
88	4.194	4.026	5.762	5.843	4.242	5.771	5.744	10.546
90	4.194	4.023	5.819	5.833	4.232	5.765	5.738	10.528
92	4.197	4.026	5.813	5.833	4.232	5.765	5.712	10.537
94	4.197	4.026	5.788	5.824	4.223	5.765	5.738	10.537
96	4.194	4.026	5.769	5.833	4.223	5.765	5.757	10.528
98	4.197	4.029	5.762	5.833	4.223	5.771	5.751	10.555
100	4.197	4.029	5.775	5.833	4.383	5.771	5.757	10.555
120	4.21	4.039	5.826	5.852	4.392	5.79	5.801	10.574
140	4.216	4.042	5.819	5.852	4.383	5.803	5.801	10.565
160	4.229	4.057	5.902	5.871	4.374	5.809	5.808	10.62
180	4.229	4.057	5.896	5.871	4.364	5.816	5.776	10.583
200	4.235	4.061	5.819	5.881	4.355	5.822	5.821	10.592
220	4.241	4.07	5.864	5.89	4.345	5.828	5.827	10.648
240	4.238	4.07	5.762	5.89	4.505	5.835	5.789	10.611
260	4.241	4.076	5.769	5.909	4.505	5.841	5.782	10.629
280	4.251	4.079	5.965	5.909	4.487	5.847	5.84	10.648

300	4.254	4.083	5.826	5.919	4.487	5.853	5.814	10.648
320	4.254	4.089	5.794	5.928	4.477	5.86	5.814	10.648
340	4.251	4.092	5.781	5.928	4.496	5.866	5.821	10.648
360	4.241	4.089	5.857	5.919	4.477	5.86	5.795	10.601
380	4.138	4.048	5.902	5.9	4.487	5.828	5.763	10.565
400	4.135	4.01	5.851	5.843	4.487	5.746	5.623	10.38
420	4.135	3.988	5.845	5.824	4.477	5.715	5.579	10.353
440	4.141	3.985	5.845	5.824	4.477	5.708	5.56	10.38
460	4.141	3.982	5.832	5.814	4.477	5.708	5.553	10.371
480	4.144	3.985	5.794	5.814	4.487	5.702	5.553	10.362
500	4.141	3.979	5.769	5.805	4.468	5.696	5.547	10.371
520	4.144	3.985	5.756	5.814	4.487	5.708	5.572	10.362
540	4.144	3.985	5.75	5.814	4.487	5.715	5.585	10.371
560	4.147	3.988	5.743	5.814	4.487	5.715	5.591	10.371
580	4.15	3.991	5.75	5.824	4.496	5.721	5.598	10.38
600	4.153	3.991	5.743	5.824	4.487	5.721	5.604	10.408
620	4.153	3.994	5.731	5.824	4.496	5.727	5.617	10.39
640	4.16	3.998	5.756	5.833	4.505	5.733	5.63	10.39
660	4.16	4.001	5.75	5.833	4.515	5.74	5.636	10.426
680	4.16	4.001	5.75	5.833	4.496	5.74	5.642	10.454
700	4.166	4.004	5.769	5.843	4.496	5.746	5.642	10.463
720	4.166	4.007	5.762	5.843	4.496	5.752	5.655	10.454
740	4.169	4.01	5.756	5.852	4.496	5.759	5.668	10.463
760	4.169	4.013	5.762	5.852	4.496	5.765	5.674	10.491
780	4.172	4.017	5.75	5.852	4.496	5.765	5.681	10.519
800	4.175	4.017	5.756	5.862	4.487	5.771	5.681	10.5
820	4.175	4.017	5.756	5.862	4.477	5.771	5.687	10.519
840	4.175	4.02	5.75	5.862	4.477	5.778	5.687	10.555
860	4.179	4.023	5.788	5.862	4.468	5.784	5.7	10.546
880	4.179	4.023	5.788	5.871	4.458	5.784	5.7	10.565
900	4.182	4.026	5.794	5.871	4.449	5.79	5.706	10.574
920	4.182	4.026	5.8	5.871	4.44	5.79	5.712	10.583
940	4.185	4.029	5.8	5.871	4.421	5.797	5.719	10.583
960	4.185	4.032	5.8	5.881	4.421	5.797	5.719	10.601
980	4.188	4.035	5.8	5.881	4.411	5.803	5.725	10.592
1000	4.188	4.035	5.8	5.89	4.411	5.803	5.725	10.592
1020	4.191	4.039	5.807	5.89	4.402	5.809	5.738	10.601
1040	4.191	4.039	5.807	5.89	4.402	5.809	5.738	10.638
1060	4.191	4.042	5.807	5.89	4.392	5.809	5.738	10.611

SE1000C		
Environmental Logger		
09/03 10:46		
Unit# 01597 Test 2		
Setups:	INPUT 1	
----------	--------	
Type	Level (F)	
Mode	TOC	
I.D.	13-OW5	
Reference	7.190	
Linearity	0.050	
Scale factor	10.050	
Offset	-0.040	
Delay mSEC	50.000	
Step 0 08/29 11:00:01		
Elapsed Time	INPUT 1	
----------	---------	
0.0000	7.199	
0.0033	7.199	
0.0066	7.199	
0.0100	7.199	
0.0133	7.202	
0.0166	7.199	
0.0200	7.202	
0.0233	7.202	
0.0266	7.202	
0.0300	7.202	
0.0333	7.202	
0.0500	7.202	
0.0666	7.202	
0.0833	7.202	
0.1000	7.202	
0.1166	7.202	
0.1333	7.202	
0.1500	7.202	
0.1666	7.202	
0.1833	7.202	
0.2000	7.202	
0.2166	7.202	
0.2333	7.202	
0.2500	7.202	
0.2666	7.205	
0.2833	7.202	
0.3000	7.205	
0.3166	7.202	

0.3333	7.202	
0.4166	7.205	
0.5000	7.202	
0.5833	7.202	
0.6666	7.205	
0.7500	7.205	
0.8333	7.202	
0.9166	7.205	
1.0000	7.202	
1.0833	7.202	
1.1666	7.205	
1.2500	7.202	
1.3333	7.205	
1.4166	7.202	
1.5000	7.205	
1.5833	7.202	
1.6666	7.202	
1.7500	7.202	
1.8333	7.202	
1.9166	7.202	
2.0000	7.205	
2.5000	7.205	
3.0000	7.205	
3.5000	7.205	
4.0000	7.205	
4.5000	7.205	
5.0000	7.205	
5.5000	7.205	
6.0000	7.205	
6.5000	7.205	
7.0000	7.205	
7.5000	7.205	
8.0000	7.205	
8.5000	7.205	
9.0000	7.205	
9.5000	7.205	
10.0000	7.205	
12.0000	7.196	
14.0000	7.193	
16.0000	7.193	
18.0000	7.196	
20.0000	7.193	
22.0000	7.196	
24.0000	7.196	
26.0000	7.196	
28.0000	7.196	
30.0000	7.205	
32.0000	7.285	
34.0000	7.333	
36.0000	7.343	
38.0000	7.346	

40.0000	7.346	
42.0000	7.349	
44.0000	7.353	
46.0000	7.356	
48.0000	7.356	
50.0000	7.359	
52.0000	7.359	
54.0000	7.366	
56.0000	7.362	
58.0000	7.366	
60.0000	7.366	
62.0000	7.369	
64.0000	7.369	
66.0000	7.372	
68.0000	7.372	
70.0000	7.372	
72.0000	7.375	
74.0000	7.375	
76.0000	7.375	
78.0000	7.378	
80.0000	7.378	
82.0000	7.378	
84.0000	7.381	
86.0000	7.381	
88.0000	7.385	
90.0000	7.381	
92.0000	7.385	
94.0000	7.388	
96.0000	7.388	
98.0000	7.388	
100.000	7.388	
110.000	7.394	
120.000	7.397	
130.000	7.400	
140.000	7.407	
150.000	7.407	
160.000	7.413	
170.000	7.416	
180.000	7.416	
190.000	7.420	
200.000	7.423	
210.000	7.426	
220.000	7.429	
230.000	7.433	
240.000	7.433	
250.000	7.439	
260.000	7.439	
270.000	7.442	
280.000	7.445	
290.000	7.448	
300.000	7.448	

310.000	7.448	
320.000	7.452	
330.000	7.455	
340.000	7.455	
350.000	7.461	
360.000	7.461	
370.000	7.468	
380.000	7.468	
390.000	7.474	
400.000	7.458	
410.000	7.439	
420.000	7.375	
430.000	7.337	
440.000	7.318	
450.000	7.308	
460.000	7.305	
470.000	7.305	
480.000	7.301	
490.000	7.301	
500.000	7.305	
510.000	7.305	
520.000	7.301	
530.000	7.305	
540.000	7.305	
550.000	7.308	
560.000	7.308	
570.000	7.311	
580.000	7.311	
590.000	7.314	
600.000	7.318	
610.000	7.321	
620.000	7.321	
630.000	7.324	
640.000	7.327	
650.000	7.330	
660.000	7.333	
670.000	7.337	
680.000	7.340	
690.000	7.340	
700.000	7.343	
710.000	7.343	
720.000	7.346	
730.000	7.349	
740.000	7.353	
750.000	7.353	
760.000	7.356	
770.000	7.359	
780.000	7.362	
790.000	7.366	
800.000	7.366	
810.000	7.369	

820.000	7.372	
830.000	7.375	
840.000	7.375	
850.000	7.378	
860.000	7.378	
870.000	7.381	
880.000	7.381	
890.000	7.385	
900.000	7.388	
910.000	7.388	
920.000	7.391	
930.000	7.394	
940.000	7.394	
950.000	7.397	
960.000	7.397	
970.000	7.397	
980.000	7.400	
990.000	7.404	
1000.00	7.407	
1020.00	7.407	
1040.00	7.413	
1060.00	7.416	
1080.00	7.423	
1100.00	7.426	

	SE1000C	
	Environmental Logger	
	9/3/96 11:03	
Unit#	01596	Test 1
Setups:	INPUT 1	INPUT 2
---	---	---
Type	Level (F)	Level (F)
Mode	TOC	TOC
I.D.	13-05	12-05
Reference	5.44	64.26
Linearity	0.03	0.04
Scale fact	10	10
Offset	0.02	0
Delay mS	50	50
Step 0	8/29/96 11:00	0:01
Elapsed Ti	INPUT 1	INPUT 2
---	---	---
0	5.443	64.247
0.0033	5.443	64.25
0.0066	5.443	64.247
0.01	5.443	64.25
0.0133	5.443	64.247
0.0166	5.443	64.244
0.02	5.443	64.244
0.0233	5.443	64.25
0.0266	5.443	64.253
0.03	5.443	64.247
0.0333	5.443	64.247
0.0366	5.443	64.25
0.04	5.443	64.25
0.0433	5.443	64.247
0.0466	5.443	64.25
0.05	5.443	64.247
0.0533	5.443	64.25
0.0566	5.443	64.25
0.06	5.443	64.253
0.0633	5.443	64.244
0.0666	5.443	64.253
0.07	5.443	64.247
0.0733	5.443	64.24
0.0766	5.443	64.256
0.08	5.443	64.244
0.0833	5.443	64.247
0.0866	5.443	64.247
0.09	5.443	64.253

0.0933	5.443	64.247
0.0966	5.443	64.25
0.1	5.443	64.25
0.1033	5.443	64.247
0.1066	5.443	64.24
0.11	5.443	64.25
0.1133	5.443	64.263
0.1166	5.443	64.247
0.12	5.443	64.244
0.1233	5.443	64.244
0.1266	5.443	64.253
0.13	5.443	64.253
0.1333	5.443	64.234
0.1366	5.443	64.25
0.14	5.443	64.25
0.1433	5.443	64.25
0.1466	5.443	64.25
0.15	5.443	64.24
0.1533	5.443	64.253
0.1566	5.443	64.247
0.16	5.443	64.26
0.1633	5.443	64.247
0.1666	5.443	64.244
0.17	5.443	64.253
0.1733	5.443	64.253
0.1766	5.443	64.256
0.18	5.443	64.244
0.1833	5.443	64.247
0.1866	5.443	64.247
0.19	5.443	64.244
0.1933	5.443	64.25
0.1966	5.443	64.247
0.2	5.443	64.247
0.2033	5.443	64.253
0.2066	5.443	64.24
0.21	5.443	64.25
0.2133	5.443	64.26
0.2166	5.443	64.244
0.22	5.443	64.247
0.2233	5.443	64.25
0.2266	5.443	64.263
0.23	5.443	64.25
0.2333	5.443	64.24
0.2366	5.443	64.24
0.24	5.44	64.253
0.2433	5.443	64.25
0.2466	5.443	64.244
0.25	5.443	64.247
0.2533	5.443	64.256
0.2566	5.443	64.247
0.26	5.443	64.237

0.2633	5.443	64.26
0.2666	5.443	64.25
0.27	5.443	64.237
0.2733	5.443	64.25
0.2766	5.443	64.247
0.28	5.443	64.247
0.2833	5.443	64.25
0.2866	5.443	64.253
0.29	5.443	64.24
0.2933	5.443	64.244
0.2966	5.443	64.244
0.3	5.443	64.25
0.3033	5.443	64.25
0.3066	5.443	64.244
0.31	5.443	64.253
0.3133	5.443	64.25
0.3166	5.443	64.253
0.32	5.443	64.247
0.3233	5.443	64.25
0.3266	5.443	64.247
0.33	5.443	64.253
0.3333	5.443	64.247
0.35	5.443	64.25
0.3666	5.443	64.25
0.3833	5.443	64.253
0.4	5.443	64.247
0.4166	5.443	64.234
0.4333	5.443	64.247
0.45	5.443	64.247
0.4666	5.443	64.244
0.4833	5.443	64.247
0.5	5.443	64.247
0.5166	5.443	64.247
0.5333	5.443	64.256
0.55	5.443	64.24
0.5666	5.443	64.24
0.5833	5.443	64.247
0.6	5.443	64.253
0.6166	5.443	64.253
0.6333	5.443	64.25
0.65	5.443	64.244
0.6666	5.443	64.244
0.6833	5.443	64.25
0.7	5.443	64.24
0.7166	5.443	64.244
0.7333	5.443	64.247
0.75	5.443	64.25
0.7666	5.443	64.244
0.7833	5.443	64.25
0.8	5.443	64.247
0.8166	5.443	64.244

0.8333	5.443	64.244
0.85	5.443	64.24
0.8666	5.443	64.253
0.8833	5.443	64.253
0.9	5.443	64.25
0.9166	5.443	64.26
0.9333	5.443	64.247
0.95	5.443	64.244
0.9666	5.443	64.247
0.9833	5.443	64.253
1	5.443	64.247
1.2	5.443	64.247
1.4	5.443	64.237
1.6	5.443	64.25
1.8	5.443	64.24
2	5.443	64.237
2.2	5.443	64.256
2.4	5.44	64.247
2.6	5.443	64.253
2.8	5.443	64.247
3	5.443	64.24
3.2	5.443	64.25
3.4	5.443	64.24
3.6	5.443	64.25
3.8	5.44	64.234
4	5.443	64.253
4.2	5.443	64.244
4.4	5.443	64.247
4.6	5.446	64.256
4.8	5.446	64.256
5	5.446	64.25
5.2	5.443	64.253
5.4	5.443	64.234
5.6	5.443	64.237
5.8	5.443	64.24
6	5.446	64.24
6.2	5.446	64.256
6.4	5.443	64.247
6.6	5.446	64.247
6.8	5.443	64.253
7	5.443	64.24
7.2	5.443	64.253
7.4	5.443	64.24
7.6	5.443	64.25
7.8	5.446	64.24
8	5.443	64.234
8.2	5.443	64.256
8.4	5.446	64.247
8.6	5.446	64.247
8.8	5.446	64.269
9	5.446	64.253

9.2	5.446	64.247
9.4	5.446	64.253
9.6	5.446	64.253
9.8	5.446	64.25
10	5.446	64.26
12	5.446	64.253
14	5.44	64.234
16	5.44	64.218
18	5.446	64.244
20	5.446	64.25
22	5.446	64.244
24	5.446	64.244
26	5.446	64.244
28	5.443	64.228
30	5.443	64.237
32	5.446	64.234
34	5.436	64.196
36	5.446	64.237
38	5.446	64.234
40	5.446	64.244
42	5.44	64.215
44	5.44	64.225
46	5.446	64.221
48	5.449	64.24
50	5.443	64.225
52	5.449	64.244
54	5.449	64.228
56	5.449	64.225
58	5.449	64.221
60	5.449	64.24
62	5.449	64.221
64	5.446	64.225
66	5.449	64.218
68	5.449	64.218
70	5.449	64.221
72	5.449	64.221
74	5.443	64.19
76	5.452	64.218
78	5.449	64.225
80	5.452	64.218
82	5.446	64.206
84	5.44	64.174
86	5.443	64.187
88	5.452	64.225
90	5.452	64.215
92	5.443	64.177
94	5.446	64.196
96	5.452	64.234
98	5.452	64.218
100	5.452	64.209
120	5.449	64.215

140	5.452	64.187
160	5.449	64.168
180	5.443	64.164
200	5.446	64.149
220	5.449	64.161
240	5.449	64.152
260	5.449	64.158
280	5.449	64.123
300	5.452	64.12
320	5.452	64.114
340	5.452	64.098
360	5.452	64.082
380	5.449	64.035
400	2.849	64.041
420	5.402	63.952
440	5.436	63.898
460	5.446	63.851
480	5.449	63.822
500	5.452	63.803
520	5.446	63.784
540	5.443	63.768
560	5.436	63.768
580	5.433	63.74
600	5.427	63.752
620	5.414	63.743
640	5.408	63.746
660	5.402	63.775
680	5.392	63.816
700	5.383	63.819
720	5.376	63.828
740	5.37	63.851
760	5.367	63.885
780	5.361	63.92
800	5.357	63.933
820	5.357	63.943
840	5.354	63.965
860	5.351	63.958
880	5.351	63.974
900	5.351	63.993
920	5.351	63.974
940	5.351	63.965
960	5.351	63.968
980	5.351	63.958
1000	5.354	63.958
1020	5.354	63.952
1040	5.361	63.946
1060	5.364	63.955
1080	5.367	63.946
1100	5.37	63.949

ATTACHMENT H

RECOVERY DATA

0.2633	5.37	63.984
0.2666	5.37	63.977
0.27	5.37	63.984
0.2733	5.37	63.981
0.2766	5.37	63.977
0.28	5.37	63.971
0.2833	5.37	63.974
0.2866	5.37	63.974
0.29	5.37	63.984
0.2933	5.37	63.971
0.2966	5.37	63.984
0.3	5.37	63.977
0.3033	5.37	63.981
0.3066	5.37	63.987
0.31	5.37	63.984
0.3133	5.37	63.981
0.3166	5.37	63.981
0.32	5.37	63.971
0.3233	5.37	63.984
0.3266	5.37	63.977
0.33	5.37	63.977
0.3333	5.37	63.981
0.35	5.37	63.981
0.3666	5.37	63.974
0.3833	5.37	63.981
0.4	5.37	63.971
0.4166	5.37	63.977
0.4333	5.37	63.974
0.45	5.37	63.977
0.4666	5.37	63.984
0.4833	5.37	63.984
0.5	5.37	63.971
0.5166	5.37	63.974
0.5333	5.37	63.981
0.55	5.37	63.974
0.5666	5.37	63.977
0.5833	5.37	63.981
0.6	5.37	63.977
0.6166	5.37	63.971
0.6333	5.37	63.971
0.65	5.37	63.974
0.6666	5.37	63.974
0.6833	5.37	63.977
0.7	5.37	63.974
0.7166	5.361	63.977
0.7333	5.373	63.974
0.75	5.373	63.974
0.7666	5.37	63.974
0.7833	5.37	63.974
0.8	5.37	63.977
0.8166	5.37	63.971

0.8333	5.37	63.968
0.85	5.37	63.977
0.8666	5.37	63.974
0.8833	5.37	63.974
0.9	5.37	63.968
0.9166	5.37	63.974
0.9333	5.37	63.971
0.95	5.367	63.968
0.9666	5.37	63.977
0.9833	5.37	63.971
1	5.37	63.981
1.2	5.37	63.974
1.4	5.37	63.977
1.6	5.367	63.974
1.8	5.37	63.971
2	5.37	63.977
2.2	5.37	63.977
2.4	5.367	63.977
2.6	5.367	63.981
2.8	5.37	63.974
3	5.367	63.968
3.2	5.367	63.971
3.4	5.367	63.977
3.6	5.37	63.974
3.8	5.37	63.984
4	5.37	63.984
4.2	5.37	63.984
4.4	5.37	63.977
4.6	5.37	63.974
4.8	5.37	63.984
5	5.37	63.977
5.2	5.37	63.981
5.4	5.37	63.987
5.6	5.37	63.99
5.8	5.37	63.971
6	5.37	63.977
6.2	5.37	63.974
6.4	5.37	63.984
6.6	5.37	63.974
6.8	5.37	63.981
7	5.37	63.977
7.2	5.37	63.981
7.4	5.37	63.987
7.6	5.37	63.974
7.8	5.37	63.974
8	5.37	63.981
8.2	5.37	63.993
8.4	5.37	63.974
8.6	5.37	63.993
8.8	5.37	63.987
9	5.37	63.984

9.2	5.37	63.977
9.4	5.37	63.987
9.6	5.37	63.977
9.8	5.373	63.99
10	5.373	63.99
12	5.373	63.993
14	5.376	63.987
16	5.373	63.987
18	5.373	63.99
20	5.373	64
22	5.373	63.987
24	5.373	63.993
26	5.373	64
28	5.373	64
30	5.376	63.996
32	5.376	64.003
34	5.376	64.003
36	5.376	64
38	5.376	64
40	5.376	64.003
42	5.376	64.012
44	5.376	64.015
46	5.379	64.012
48	5.379	64.003
50	5.379	64.015
52	5.379	64.022
54	5.379	64.025
56	5.379	64.022
58	5.379	64.019
60	5.379	64.025
62	5.383	64.028
64	5.379	64.028
66	5.383	64.028
68	5.379	64.028
70	5.383	64.025
72	5.383	64.025
74	5.383	64.028
76	5.383	64.038
78	5.383	64.031
80	5.386	64.038
82	5.386	64.038
84	5.386	64.041
86	5.386	64.044
88	5.386	64.041
90	5.386	64.054
92	5.386	64.05
94	5.386	64.054
96	5.386	64.044
98	5.386	64.044
100	5.386	64.05
120	5.389	64.057

140	5.395	64.079
160	5.395	64.092
180	5.398	64.101
200	5.398	64.104
220	5.405	64.136
240	5.405	64.145
260	5.411	64.18
280	5.414	64.19
300	5.414	64.196
320	5.414	64.177
340	5.417	64.206
360	5.424	64.206
380	5.421	64.212
400	5.421	64.183
420	5.414	64.145
440	5.421	64.145
460	5.424	64.111
480	5.43	64.117
500	5.427	64.079
520	5.421	64.044
540	5.424	64.028
560	5.424	64.025
580	5.43	64.041
600	5.43	64.019
620	5.424	64.006
640	5.421	63.993
660	5.417	63.981
680	5.417	63.971
700	5.408	63.952
720	5.398	63.946
740	5.389	63.927
760	5.379	63.911
780	5.37	63.882
800	5.357	63.857
820	5.348	63.841
840	5.338	63.838
860	5.332	63.819
880	5.323	63.819
900	5.316	63.809
920	5.31	63.794
940	5.304	63.806
960	5.301	63.812
980	5.294	63.816
1000	5.291	63.841
1020	5.288	63.851
1040	5.288	63.87
1060	5.285	63.879
1080	5.285	63.92
1100	5.282	63.939
1120	5.282	63.962
1140	5.282	63.971

1160	5.282	63.974
1180	5.282	63.993
1200	5.285	63.949
1220	5.285	63.943
1240	5.288	63.93
1260	5.291	63.914
1280	5.294	63.939
1300	5.294	63.936
1320	5.297	63.949
1340	5.301	63.952
1360	5.307	63.955
1380	5.307	63.952
1400	5.31	63.952
1420	5.31	63.949
1440	5.316	63.949
1460	5.319	63.949
1480	5.323	63.943
1500	5.326	63.958
1520	5.332	63.971
1540	5.332	63.949
1560	5.338	63.974
1580	5.342	63.965

à		
SE1000C		
Environmental Logger		
09/03 10:39		
Unit# 01597 Test 2		
Setups:	INPUT 1	
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Type	Level (F)	
Mode	TOC	
I.D.	13-OW5	
Reference	7.190	
Linearity	0.050	
Scale factor	10.050	
Offset	-0.040	
Delay mSEC	50.000	
Step 2 08/30 05:31:21		
Elapsed Time INPUT 1		
----------	---------	
0.0000	7.394	
0.0033	7.391	
0.0066	7.391	
0.0100	7.391	
0.0133	7.391	
0.0166	7.391	
0.0200	7.391	
0.0233	7.391	
0.0266	7.391	
0.0300	7.391	
0.0333	7.391	
0.0500	7.391	
0.0666	7.391	
0.0833	7.388	
0.1000	7.388	
0.1166	7.385	
0.1333	7.385	
0.1500	7.385	
0.1666	7.385	
0.1833	7.385	
0.2000	7.385	
0.2166	7.385	
0.2333	7.385	
0.2500	7.385	
0.2666	7.385	
0.2833	7.385	
0.3000	7.385	
0.3166	7.385	

0.3333	7.381	
0.4166	7.381	
0.5000	7.378	
0.5833	7.375	
0.6666	7.372	
0.7500	7.369	
0.8333	7.369	
0.9166	7.366	
1.0000	7.362	
1.0833	7.362	
1.1666	7.359	
1.2500	7.356	
1.3333	7.356	
1.4166	7.353	
1.5000	7.353	
1.5833	7.349	
1.6666	7.346	
1.7500	7.346	
1.8333	7.346	
1.9166	7.343	
2.0000	7.343	
2.5000	7.333	
3.0000	7.327	
3.5000	7.321	
4.0000	7.318	
4.5000	7.314	
5.0000	7.311	
5.5000	7.308	
6.0000	7.305	
6.5000	7.301	
7.0000	7.301	
7.5000	7.298	
8.0000	7.298	
8.5000	7.295	
9.0000	7.295	
9.5000	7.295	
10.0000	7.295	
12.0000	7.282	
14.0000	7.279	
16.0000	7.276	
18.0000	7.273	
20.0000	7.270	
22.0000	7.270	
24.0000	7.266	
26.0000	7.266	
28.0000	7.263	
30.0000	7.263	
32.0000	7.263	
34.0000	7.263	
36.0000	7.260	
38.0000	7.260	

40.0000	7.260	
42.0000	7.260	
44.0000	7.260	
46.0000	7.257	
48.0000	7.257	
50.0000	7.257	
52.0000	7.253	
54.0000	7.257	
56.0000	7.253	
58.0000	7.253	
60.0000	7.253	
62.0000	7.253	
64.0000	7.250	
66.0000	7.250	
68.0000	7.250	
70.0000	7.250	
72.0000	7.250	
74.0000	7.250	
76.0000	7.250	
78.0000	7.250	
80.0000	7.250	
82.0000	7.250	
84.0000	7.250	
86.0000	7.250	
88.0000	7.247	
90.0000	7.247	
92.0000	7.247	
94.0000	7.247	
96.0000	7.247	
98.0000	7.244	
100.000	7.244	
110.000	7.244	
120.000	7.240	
130.000	7.240	
140.000	7.240	
150.000	7.237	
160.000	7.234	
170.000	7.234	
180.000	7.234	
190.000	7.234	
200.000	7.231	
210.000	7.234	
220.000	7.234	
230.000	7.234	
240.000	7.231	
250.000	7.234	
260.000	7.231	
270.000	7.234	
280.000	7.234	
290.000	7.234	
300.000	7.234	

310.000	7.234	
320.000	7.234	
330.000	7.234	
340.000	7.247	
350.000	7.237	
360.000	7.237	
370.000	7.237	
380.000	7.237	
390.000	7.237	
400.000	7.237	
410.000	7.237	
420.000	7.240	
430.000	7.237	
440.000	7.240	
450.000	7.240	
460.000	7.244	
470.000	7.240	
480.000	7.244	
490.000	7.244	
500.000	7.244	
510.000	7.244	
520.000	7.244	
530.000	7.240	
540.000	7.240	
550.000	7.237	
560.000	7.234	
570.000	7.234	
580.000	7.231	
590.000	7.222	
600.000	7.205	
610.000	7.193	
620.000	7.180	
630.000	7.170	
640.000	7.164	
650.000	7.158	
660.000	7.154	
670.000	7.154	
680.000	7.154	
690.000	7.151	
700.000	7.148	
710.000	7.148	
720.000	7.145	
730.000	7.148	
740.000	7.145	
750.000	7.145	
760.000	7.142	
770.000	7.142	
780.000	7.142	
790.000	7.142	
800.000	7.139	
810.000	7.139	

820.000	7.142	
830.000	7.139	
840.000	7.139	
850.000	7.139	
860.000	7.139	
870.000	7.139	
880.000	7.139	
890.000	7.139	
900.000	7.139	
910.000	7.139	
920.000	7.139	
930.000	7.139	
940.000	7.139	
950.000	7.139	
960.000	7.139	
970.000	7.139	
980.000	7.139	
990.000	7.139	
1000.00	7.139	
1020.00	7.142	
1040.00	7.142	
1060.00	7.142	
1080.00	7.142	
1100.00	7.142	
1120.00	7.142	
1140.00	7.142	
1160.00	7.142	
1180.00	7.142	
1200.00	7.145	
1220.00	7.145	
1240.00	7.145	
1260.00	7.145	
1280.00	7.148	
1300.00	7.148	
1320.00	7.148	
1340.00	7.151	
1360.00	7.154	
1380.00	7.151	
1400.00	7.154	
1420.00	7.154	
1440.00	7.154	
1460.00	7.154	
1480.00	7.158	
1500.00	7.158	
1520.00	7.158	
1540.00	7.158	
1560.00	7.161	
1580.00	7.161	

				SE2000				
				Environmental Logger				
				9/03 07:40				
			Unit# 2	K-593	Test 2			
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)
Mode	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
I.D.	13-09	13-11	13-OW4	13-OW2	13-12	13-14	13-16	13-RW1
Reference	3.94	3.46	4.38	4.96	3.95	4.61	5.28	6.39
SG	1	1	1	1	1	1	1	1
Linearity	0.048	0.046	0.121	0.238	0.227	0.126	0.1	0.216
Scale factor	9.955	9.958	20.046	30.024	29.864	20.009	20.179	29.166
Offset	0.077	-0.034	0.028	0.014	0.015	0.005	0.049	0.22
Delay mSEC	50	50	50	50	50	50	50	50
			Step 1	8/30/96 5:00	30:01:00			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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0	4.194	4.042	5.8	5.89	4.392	5.809	5.738	10.62
0.0083	4.191	4.042	5.8	5.89	4.383	5.809	5.738	10.601
0.0166	4.191	4.042	5.807	5.89	4.392	5.809	5.738	10.583
0.025	4.191	4.042	5.8	5.89	4.383	5.809	5.738	10.62
0.0333	4.191	4.042	5.8	5.89	4.383	5.809	5.731	10.62
0.0416	4.191	4.042	5.807	5.89	4.383	5.809	5.731	10.592
0.05	4.191	4.042	5.807	5.89	4.383	5.803	5.731	10.417
0.0583	4.191	4.042	5.8	5.89	4.383	5.809	5.731	10.39
0.0666	4.191	4.042	5.8	5.89	4.383	5.809	5.731	10.261
0.075	4.191	4.042	5.8	5.89	4.383	5.803	5.738	10.122
0.0833	4.191	4.042	5.794	5.89	4.383	5.803	5.731	9.91
0.0916	4.191	4.042	5.794	5.89	4.374	5.803	5.731	9.699
0.1	4.191	4.042	5.788	5.89	4.383	5.803	5.731	9.505
0.1083	4.191	4.045	5.781	5.89	4.383	5.803	5.731	9.348
0.1166	4.191	4.045	5.781	5.89	4.383	5.803	5.731	9.192
0.125	4.191	4.042	5.775	5.89	4.383	5.797	5.731	9.063
0.1333	4.191	4.042	5.762	5.89	4.383	5.797	5.731	8.943
0.1416	4.191	4.045	5.756	5.89	4.383	5.797	5.731	8.832
0.15	4.191	4.042	5.743	5.89	4.383	5.797	5.731	8.731
0.1583	4.191	4.042	5.737	5.89	4.374	5.797	5.731	8.639
0.1666	4.191	4.042	5.724	5.89	4.383	5.797	5.731	8.547
0.175	4.191	4.042	5.712	5.89	4.383	5.79	5.731	8.473
0.1833	4.188	4.042	5.699	5.89	4.383	5.79	5.731	8.399
0.1916	4.188	4.042	5.686	5.881	4.383	5.784	5.731	8.335
0.2	4.188	4.042	5.674	5.881	4.383	5.784	5.731	8.27
0.2083	4.188	4.042	5.661	5.881	4.374	5.778	5.731	8.206
0.2166	4.188	4.042	5.648	5.881	4.383	5.778	5.731	8.16

0.225	4.188	4.042	5.635	5.871	4.383	5.771	5.731	8.104
0.2333	4.188	4.042	5.616	5.871	4.383	5.765	5.731	8.049
0.2416	4.188	4.042	5.604	5.871	4.374	5.765	5.731	8.012
0.25	4.188	4.042	5.591	5.871	4.374	5.759	5.731	7.966
0.2583	4.188	4.042	5.578	5.862	4.383	5.752	5.731	7.929
0.2666	4.188	4.042	5.566	5.862	4.383	5.746	5.731	7.892
0.275	4.185	4.042	5.553	5.862	4.383	5.746	5.731	7.865
0.2833	4.185	4.042	5.54	5.852	4.383	5.74	5.731	7.828
0.2916	4.185	4.042	5.521	5.852	4.383	5.733	5.731	7.8
0.3	4.185	4.042	5.515	5.843	4.383	5.733	5.731	7.763
0.3083	4.185	4.042	5.502	5.843	4.383	5.727	5.731	7.736
0.3166	4.185	4.042	5.49	5.833	4.374	5.721	5.731	7.717
0.325	4.185	4.042	5.477	5.833	4.374	5.715	5.731	7.689
0.3333	4.185	4.042	5.458	5.824	4.374	5.708	5.731	7.671
0.35	4.185	4.042	5.439	5.814	4.383	5.702	5.725	7.616
0.3666	4.185	4.042	5.414	5.814	4.383	5.689	5.725	7.579
0.3833	4.185	4.042	5.394	5.805	4.383	5.677	5.725	7.542
0.4	4.185	4.042	5.369	5.795	4.383	5.664	5.725	7.505
0.4166	4.185	4.042	5.35	5.786	4.383	5.651	5.719	7.477
0.4333	4.182	4.042	5.331	5.776	4.383	5.645	5.719	7.441
0.45	4.182	4.042	5.312	5.757	4.383	5.626	5.719	7.422
0.4666	4.182	4.042	5.299	5.748	4.383	5.614	5.719	7.394
0.4833	4.185	4.042	5.28	5.748	4.383	5.601	5.719	7.376
0.5	4.182	4.042	5.268	5.738	4.383	5.588	5.712	7.348
0.5166	4.182	4.042	5.249	5.729	4.383	5.576	5.712	7.33
0.5333	4.182	4.039	5.236	5.719	4.374	5.563	5.706	7.311
0.55	4.182	4.039	5.223	5.71	4.383	5.557	5.706	7.302
0.5666	4.182	4.039	5.211	5.7	4.383	5.544	5.706	7.284
0.5833	4.182	4.039	5.192	5.691	4.383	5.531	5.7	7.265
0.6	4.182	4.039	5.179	5.691	4.374	5.519	5.7	7.247
0.6166	4.182	4.039	5.166	5.681	4.383	5.506	5.7	7.229
0.6333	4.182	4.039	5.16	5.672	4.374	5.5	5.693	7.219
0.65	4.182	4.039	5.147	5.662	4.383	5.487	5.693	7.201
0.6666	4.179	4.039	5.141	5.662	4.383	5.475	5.693	7.192
0.6833	4.182	4.039	5.128	5.653	4.383	5.462	5.687	7.173
0.7	4.179	4.035	5.115	5.643	4.383	5.456	5.687	7.164
0.7166	4.179	4.039	5.109	5.634	4.383	5.443	5.687	7.155
0.7333	4.179	4.035	5.096	5.634	4.374	5.437	5.681	7.146
0.75	4.179	4.035	5.09	5.624	4.374	5.424	5.681	7.136
0.7666	4.179	4.035	5.084	5.615	4.374	5.418	5.681	7.127
0.7833	4.179	4.035	5.077	5.605	4.374	5.405	5.681	7.118
0.8	4.179	4.035	5.065	5.605	4.383	5.399	5.674	7.109
0.8166	4.179	4.035	5.058	5.596	4.383	5.386	5.674	7.09
0.8333	4.179	4.035	5.052	5.596	4.383	5.38	5.668	7.09
0.85	4.179	4.035	5.046	5.586	4.374	5.367	5.668	7.081
0.8666	4.179	4.032	5.039	5.577	4.374	5.361	5.661	7.072
0.8833	4.175	4.032	5.033	5.577	4.383	5.355	5.661	7.063
0.9	4.175	4.032	5.02	5.567	4.374	5.342	5.655	7.053
0.9166	4.175	4.032	5.02	5.567	4.374	5.336	5.655	7.053
0.9333	4.175	4.032	5.008	5.558	4.374	5.329	5.655	7.035
0.95	4.175	4.032	5.008	5.558	4.383	5.323	5.655	7.035

0.9666	4.175	4.032	4.995	5.548	4.383	5.31	5.649	7.026
0.9833	4.175	4.032	4.995	5.548	4.374	5.304	5.649	7.026
1	4.175	4.029	4.989	5.539	4.374	5.298	5.649	7.016
1.2	4.172	4.023	4.919	5.491	4.392	5.222	5.63	6.952
1.4	4.169	4.017	4.874	5.453	4.392	5.165	5.604	6.906
1.6	4.163	4.007	4.836	5.425	4.392	5.127	5.585	6.869
1.8	4.16	3.998	4.811	5.396	4.392	5.083	5.566	6.832
2	4.157	3.988	4.786	5.377	4.392	5.052	5.553	6.804
2.2	4.15	3.979	4.766	5.358	4.392	5.026	5.534	6.777
2.4	4.147	3.969	4.741	5.339	4.392	5.007	5.521	6.768
2.6	4.141	3.96	4.728	5.33	4.392	4.982	5.515	6.749
2.8	4.141	3.95	4.716	5.311	4.392	4.969	5.502	6.731
3	4.135	3.938	4.703	5.301	4.392	4.951	5.496	6.721
3.2	4.131	3.928	4.69	5.292	4.402	4.938	5.49	6.703
3.4	4.128	3.919	4.678	5.282	4.392	4.925	5.477	6.694
3.6	4.125	3.91	4.671	5.273	4.392	4.919	5.47	6.685
3.8	4.125	3.9	4.665	5.263	4.392	4.906	5.464	6.675
4	4.122	3.888	4.652	5.263	4.392	4.9	5.458	6.666
4.2	4.119	3.881	4.652	5.254	4.402	4.894	5.451	6.657
4.4	4.116	3.872	4.64	5.244	4.402	4.881	5.445	6.648
4.6	4.113	3.859	4.633	5.244	4.392	4.875	5.445	6.648
4.8	4.113	3.853	4.627	5.244	4.402	4.868	5.439	6.638
5	4.109	3.843	4.621	5.235	4.402	4.862	5.439	6.638
5.2	4.106	3.834	4.621	5.225	4.402	4.856	5.432	6.629
5.4	4.106	3.825	4.614	5.225	4.402	4.849	5.426	6.62
5.6	4.103	3.818	4.608	5.216	4.402	4.849	5.426	6.62
5.8	4.103	3.809	4.602	5.216	4.392	4.843	5.42	6.62
6	4.1	3.803	4.602	5.216	4.402	4.843	5.42	6.611
6.2	4.097	3.793	4.595	5.216	4.402	4.837	5.42	6.602
6.4	4.097	3.787	4.595	5.206	4.402	4.831	5.42	6.602
6.6	4.097	3.777	4.589	5.206	4.402	4.831	5.413	6.592
6.8	4.094	3.771	4.589	5.206	4.402	4.824	5.413	6.592
7	4.094	3.765	4.583	5.197	4.402	4.824	5.413	6.592
7.2	4.091	3.758	4.583	5.197	4.402	4.824	5.407	6.592
7.4	4.091	3.752	4.576	5.197	4.402	4.818	5.407	6.583
7.6	4.087	3.746	4.576	5.197	4.402	4.812	5.407	6.583
7.8	4.087	3.74	4.57	5.187	4.402	4.812	5.407	6.583
8	4.084	3.733	4.57	5.187	4.402	4.812	5.4	6.574
8.2	4.084	3.727	4.57	5.187	4.402	4.805	5.4	6.574
8.4	4.084	3.724	4.57	5.187	4.402	4.805	5.4	6.574
8.6	4.081	3.714	4.563	5.178	4.392	4.793	5.388	6.555
8.8	4.081	3.711	4.563	5.187	4.402	4.799	5.394	6.565
9	4.078	3.708	4.563	5.178	4.402	4.799	5.394	6.565
9.2	4.078	3.702	4.557	5.187	4.402	4.799	5.394	6.555
9.4	4.078	3.696	4.557	5.178	4.402	4.793	5.388	6.555
9.6	4.078	3.692	4.557	5.178	4.402	4.793	5.388	6.565
9.8	4.075	3.689	4.557	5.178	4.411	4.793	5.388	6.555
10	4.075	3.683	4.557	5.178	4.402	4.786	5.388	6.555
12	4.065	3.648	4.544	5.168	4.402	4.78	5.375	6.546
14	4.059	3.62	4.532	5.159	4.411	4.767	5.369	6.537
16	4.053	3.601	4.519	5.149	4.411	4.761	5.362	6.528

18	4.046	3.589	4.513	5.14	4.411	4.755	5.362	6.519
20	4.04	3.576	4.506	5.14	4.411	4.748	5.356	6.519
22	4.034	3.567	4.5	5.13	4.411	4.742	5.35	6.509
24	4.031	3.56	4.494	5.121	4.411	4.736	5.35	6.509
26	4.028	3.554	4.494	5.121	4.411	4.736	5.343	6.5
28	4.024	3.551	4.487	5.111	4.411	4.736	5.343	6.5
30	4.018	3.544	4.487	5.111	4.411	4.729	5.337	6.5
32	4.015	3.541	4.487	5.111	4.411	4.729	5.337	6.5
34	4.012	3.538	4.481	5.111	4.411	4.723	5.337	6.491
36	4.009	3.535	4.475	5.102	4.411	4.723	5.337	6.482
38	4.006	3.535	4.468	5.102	4.411	4.723	5.33	6.482
40	4.006	3.532	4.462	5.102	4.223	4.717	5.324	6.472
42	4.002	3.538	4.456	5.092	4.223	4.717	5.324	6.472
44	3.999	3.529	4.449	5.092	4.223	4.711	5.324	6.463
46	3.996	3.526	4.443	5.092	4.223	4.711	5.318	6.463
48	3.993	3.526	4.437	5.092	4.223	4.711	5.318	6.463
50	3.993	3.522	4.437	5.083	4.223	4.711	5.318	6.463
52	3.99	3.519	4.43	5.083	4.223	4.704	5.318	6.454
54	3.987	3.519	4.437	5.083	4.232	4.704	5.311	6.454
56	3.987	3.516	4.43	5.083	4.223	4.704	5.311	6.445
58	3.984	3.516	4.43	5.083	4.232	4.704	5.311	6.454
60	3.98	3.513	4.424	5.083	4.223	4.704	5.311	6.445
62	3.98	3.513	4.424	5.073	4.223	4.698	5.311	6.445
64	3.977	3.513	4.424	5.073	4.223	4.698	5.311	6.445
66	3.977	3.51	4.418	5.073	4.223	4.698	5.311	6.436
68	3.974	3.51	4.424	5.073	4.223	4.698	5.311	6.436
70	3.974	3.507	4.437	5.073	4.232	4.698	5.311	6.426
72	3.971	3.507	4.43	5.064	4.232	4.698	5.305	6.426
74	3.971	3.507	4.43	5.064	4.232	4.692	5.305	6.426
76	3.971	3.507	4.43	5.064	4.232	4.692	5.299	6.426
78	3.968	3.504	4.43	5.064	4.232	4.692	5.299	6.417
80	3.968	3.504	4.424	5.064	4.232	4.692	5.299	6.417
82	3.965	3.504	4.424	5.064	4.232	4.692	5.292	6.417
84	3.965	3.5	4.418	5.064	4.242	4.692	5.292	6.408
86	3.965	3.5	4.418	5.064	4.232	4.692	5.292	6.408
88	3.962	3.5	4.418	5.064	4.232	4.685	5.286	6.399
90	3.962	3.497	4.411	5.054	4.232	4.685	5.286	6.399
92	3.962	3.497	4.405	5.054	4.232	4.685	5.286	6.399
94	3.958	3.497	4.424	5.054	4.232	4.685	5.286	6.39
96	3.958	3.497	4.424	5.054	4.242	4.685	5.286	6.39
98	3.958	3.494	4.418	5.054	4.232	4.679	5.286	6.39
100	3.955	3.494	4.418	5.054	4.232	4.679	5.286	6.39
120	3.949	3.485	4.424	5.045	4.232	4.673	5.28	6.39
140	3.943	3.482	4.43	5.035	4.242	4.666	5.28	6.417
160	3.94	3.475	4.475	5.026	4.242	4.66	5.292	6.472
180	3.936	3.472	4.468	5.016	4.242	4.654	5.324	6.537
200	3.93	3.469	4.386	5.016	4.232	4.654	5.318	6.574
220	3.93	3.469	4.468	5.016	3.978	4.654	5.33	6.638
240	3.927	3.463	4.449	5.007	3.978	4.647	5.324	6.703
260	3.93	3.469	4.392	5.007	3.987	4.647	5.318	6.777
280	3.924	3.463	4.367	5.007	3.987	4.647	5.311	6.795

300	3.93	3.466	4.443	5.007	3.968	4.635	5.318	6.924
320	3.924	3.466	4.341	5.007	3.968	4.635	5.286	6.362
340	3.94	3.469	4.456	5.026	3.978	4.647	5.343	6.5
360	3.946	3.475	4.437	5.026	3.978	4.654	5.35	6.472
380	3.949	3.478	4.456	5.035	3.978	4.654	5.343	6.454
400	3.952	3.482	4.5	5.035	3.968	4.66	5.356	6.454
420	3.943	3.475	4.348	5.035	3.959	4.66	5.305	6.362
440	3.955	3.482	4.487	5.035	3.95	4.66	5.33	6.436
460	3.958	3.488	4.481	5.035	3.95	4.66	5.362	6.445
480	3.968	3.494	4.475	5.035	3.931	4.66	5.369	6.482
500	3.958	3.485	4.519	5.026	3.931	4.666	5.356	6.454
520	3.949	3.488	4.354	5.035	3.921	4.666	5.305	6.436
540	3.93	3.478	4.38	5.035	3.921	4.66	5.305	6.436
560	3.924	3.469	4.316	5.026	3.921	4.654	5.292	6.408
580	3.908	3.46	4.341	5.016	3.921	4.647	5.286	6.399
600	3.895	3.447	4.418	4.997	3.912	4.628	5.28	6.39
620	3.892	3.437	4.475	4.988	3.902	4.61	5.286	6.491
640	3.886	3.425	4.43	4.969	3.884	4.591	5.273	6.592
660	3.886	3.422	4.468	4.96	3.865	4.584	5.267	6.629
680	3.889	3.422	4.335	4.969	3.874	4.578	5.229	6.362
700	3.889	3.419	4.424	4.96	3.874	4.578	5.248	6.362
720	3.886	3.415	4.329	4.96	3.865	4.572	5.229	6.353
740	3.886	3.415	4.31	4.96	3.865	4.572	5.216	6.343
760	3.883	3.412	4.329	4.96	3.865	4.572	5.209	6.353
780	3.883	3.412	4.316	4.96	3.874	4.565	5.203	6.353
800	3.88	3.409	4.297	4.95	3.865	4.565	5.203	6.353
820	3.88	3.406	4.316	4.95	3.865	4.565	5.197	6.343
840	3.88	3.406	4.291	4.95	3.874	4.559	5.184	6.343
860	3.877	3.406	4.291	4.95	3.874	4.559	5.184	6.343
880	3.877	3.403	4.297	4.95	3.874	4.559	5.178	6.343
900	3.873	3.403	4.31	4.95	3.865	4.553	5.178	6.343
920	3.873	3.403	4.316	4.95	3.874	4.553	5.171	6.334
940	3.873	3.403	4.31	4.941	3.874	4.559	5.171	6.343
960	3.873	3.4	4.297	4.941	3.884	4.553	5.165	6.334
980	3.873	3.4	4.297	4.941	3.884	4.553	5.159	6.334
1000	3.873	3.4	4.291	4.941	3.884	4.553	5.159	6.334
1020	3.873	3.4	4.284	4.941	3.884	4.553	5.152	6.334
1040	3.87	3.4	4.297	4.941	3.884	4.553	5.146	6.334
1060	3.873	3.4	4.291	4.941	3.884	4.553	5.146	6.334
1080	3.87	3.4	4.284	4.941	3.884	4.553	5.146	6.334
1100	3.87	3.4	4.284	4.941	3.874	4.553	5.152	6.325
1120	3.87	3.4	4.291	4.941	3.874	4.553	5.146	6.325
1140	3.87	3.4	4.278	4.941	3.874	4.553	5.146	6.334
1160	3.87	3.397	4.272	4.941	3.865	4.553	5.146	6.334
1180	3.87	3.397	4.265	4.941	3.865	4.553	5.139	6.334
1200	3.87	3.4	4.284	4.941	3.865	4.553	5.133	6.343
1220	3.87	3.4	4.284	4.941	3.855	4.553	5.139	6.343
1240	3.87	3.4	4.272	4.941	3.855	4.553	5.133	6.325
1260	3.867	3.4	4.265	4.941	3.855	4.553	5.133	6.343
1280	3.867	3.4	4.259	4.941	3.846	4.553	5.139	6.325
1300	3.867	3.397	4.265	4.941	3.846	4.553	5.146	6.343

1320	3.867	3.4	4.284	4.941	3.846	4.553	5.139	6.343
1340	3.867	3.403	4.278	4.95	3.846	4.559	5.139	6.334
1360	3.87	3.403	4.278	4.941	3.846	4.559	5.146	6.334
1380	3.87	3.4	4.278	4.941	3.836	4.559	5.152	6.325
1400	3.87	3.403	4.272	4.941	3.836	4.559	5.146	6.343
1420	3.87	3.403	4.297	4.941	3.827	4.559	5.146	6.343
1440	3.87	3.4	4.284	4.941	3.836	4.559	5.139	6.325
1460	3.867	3.403	4.284	4.95	3.827	4.559	5.139	6.325
1480	3.87	3.403	4.278	4.941	3.827	4.559	5.146	6.343
1500	3.87	3.403	4.291	4.95	3.836	4.559	5.146	6.334
1520	3.87	3.406	4.297	4.95	3.836	4.559	5.159	6.343
1540	3.87	3.406	4.291	4.95	3.846	4.565	5.159	6.334
1560	3.87	3.406	4.303	4.95	3.846	4.565	5.159	6.334
1580	3.87	3.406	4.316	4.95	3.846	4.565	5.171	6.334
1600	3.87	3.406	4.367	4.95	3.855	4.565	5.19	6.343

				SE2000				
				Environmental Logger				
				9/03 09:43				
			Unit# C		Test 2			
Setups:	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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Type	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Level (F)	Function
Mode	TOC	TOC	TOC	TOC	TOC	TOC	TOC	
I.D.	13-10	13-OW1	13-OW3	13-13	13-15	13-17	RP	BP
Reference	3.65	4.57	6.97	4.4	4.98	5.39	4.78	
SG	1	1	1	1	1	1	1	
Linearity	0.045	0.126	0.024	0.118	0.109	0.117	-0.006	0.041
Scale factor	10.027	19.992	9.921	19.906	20.045	19.999	30.024	7.96
Offset	-0.022	0.054	-0.021	-0.009	0.016	-0.004	-0.041	7.992
Delay mSEC	50	50	50	50	50	50	50	50
			Step 1	8/30/96 5:00	30:01:00			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3	INPUT 4	INPUT 5	INPUT 6	INPUT 7	INPUT 8
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0	12.478	5.133	7.315	5.374	5.29	5.908	9.011	14.645
0.0083	12.478	5.126	7.315	5.374	5.29	5.908	9.001	14.645
0.0166	12.478	5.133	7.315	5.367	5.29	5.902	9.011	14.645
0.025	12.478	5.126	7.315	5.367	5.29	5.908	9.011	14.645
0.0333	12.478	5.126	7.315	5.367	5.29	5.902	9.011	14.644
0.0416	12.478	5.126	7.315	5.367	5.29	5.902	8.717	14.645
0.05	12.478	5.12	7.315	5.367	5.29	5.908	8.765	14.644
0.0583	12.478	5.114	7.315	5.367	5.29	5.908	8.566	14.644
0.0666	12.478	5.114	7.315	5.367	5.283	5.908	8.443	14.644
0.075	12.478	5.101	7.315	5.367	5.29	5.902	8.225	14.644
0.0833	12.478	5.088	7.315	5.367	5.29	5.902	8.026	14.644
0.0916	12.478	5.069	7.315	5.367	5.29	5.902	7.847	14.644
0.1	12.478	5.05	7.315	5.367	5.283	5.908	7.686	14.644
0.1083	12.478	5.038	7.315	5.367	5.283	5.902	7.534	14.644
0.1166	12.478	5.019	7.315	5.367	5.29	5.908	7.402	14.644
0.125	12.478	4.993	7.315	5.367	5.29	5.902	7.288	14.644
0.1333	12.478	4.968	7.315	5.367	5.283	5.902	7.184	14.644
0.1416	12.478	4.943	7.315	5.367	5.283	5.902	7.089	14.644
0.15	12.478	4.918	7.315	5.367	5.283	5.902	7.004	14.644
0.1583	12.478	4.892	7.315	5.367	5.283	5.908	6.928	14.644
0.1666	12.478	4.861	7.315	5.367	5.29	5.902	6.853	14.644
0.175	12.478	4.835	7.315	5.367	5.283	5.902	6.777	14.644
0.1833	12.478	4.81	7.315	5.367	5.29	5.902	6.711	14.644
0.1916	12.478	4.785	7.315	5.367	5.283	5.902	6.644	14.644
0.2	12.478	4.759	7.315	5.367	5.29	5.902	6.588	14.644
0.2083	12.478	4.734	7.315	5.367	5.283	5.902	6.54	14.644
0.2166	12.478	4.709	7.315	5.367	5.29	5.902	6.483	14.644

0.225	12.478	4.683	7.315	5.367	5.29	5.902	6.446	14.644
0.2333	12.478	4.664	7.315	5.361	5.283	5.902	6.398	14.644
0.2416	12.478	4.639	7.315	5.367	5.283	5.902	6.36	14.644
0.25	12.478	4.62	7.315	5.361	5.283	5.902	6.322	14.644
0.2583	12.478	4.601	7.315	5.367	5.283	5.902	6.285	14.644
0.2666	12.478	4.576	7.315	5.361	5.283	5.902	6.256	14.644
0.275	12.478	4.557	7.315	5.361	5.283	5.902	6.218	14.644
0.2833	12.478	4.538	7.315	5.361	5.29	5.902	6.19	14.644
0.2916	12.478	4.519	7.315	5.361	5.29	5.902	6.162	14.643
0.3	12.478	4.506	7.315	5.361	5.283	5.902	6.133	14.644
0.3083	12.478	4.481	7.315	5.361	5.29	5.902	6.105	14.644
0.3166	12.478	4.468	7.315	5.361	5.283	5.902	6.086	14.644
0.325	12.478	4.449	7.315	5.361	5.283	5.902	6.057	14.644
0.3333	12.478	4.437	7.315	5.361	5.283	5.902	6.038	14.644
0.35	12.478	4.411	7.315	5.361	5.29	5.902	5.991	14.644
0.3666	12.478	4.38	7.315	5.361	5.29	5.902	5.953	14.644
0.3833	12.478	4.354	7.315	5.361	5.29	5.902	5.925	14.644
0.4	12.478	4.329	7.315	5.355	5.29	5.902	5.887	14.644
0.4166	12.478	4.304	7.315	5.355	5.283	5.902	5.859	14.644
0.4333	12.478	4.285	7.315	5.355	5.29	5.896	5.83	14.644
0.45	12.478	4.266	7.311	5.355	5.29	5.896	5.802	14.644
0.4666	12.478	4.24	7.311	5.355	5.29	5.896	5.783	14.644
0.4833	12.478	4.228	7.311	5.355	5.283	5.896	5.764	14.644
0.5	12.478	4.209	7.311	5.349	5.283	5.896	5.736	14.644
0.5166	12.478	4.19	7.311	5.349	5.283	5.896	5.726	14.644
0.5333	12.478	4.177	7.308	5.349	5.283	5.896	5.707	14.644
0.55	12.478	4.158	7.308	5.349	5.29	5.896	5.688	14.644
0.5666	12.478	4.145	7.308	5.349	5.29	5.896	5.669	14.644
0.5833	12.478	4.133	7.305	5.342	5.283	5.896	5.65	14.644
0.6	12.478	4.12	7.305	5.342	5.283	5.89	5.641	14.644
0.6166	12.478	4.108	7.302	5.342	5.283	5.89	5.622	14.644
0.6333	12.478	4.095	7.302	5.336	5.283	5.89	5.613	14.644
0.65	12.478	4.082	7.302	5.342	5.283	5.89	5.594	14.644
0.6666	12.478	4.076	7.299	5.336	5.283	5.89	5.584	14.644
0.6833	12.478	4.063	7.299	5.336	5.283	5.883	5.575	14.644
0.7	12.478	4.051	7.296	5.336	5.283	5.883	5.565	14.644
0.7166	12.478	4.044	7.296	5.33	5.283	5.883	5.546	14.644
0.7333	12.478	4.032	7.293	5.33	5.283	5.883	5.537	14.644
0.75	12.478	4.025	7.293	5.33	5.283	5.883	5.527	14.644
0.7666	12.478	4.013	7.293	5.33	5.283	5.877	5.518	14.644
0.7833	12.478	4.006	7.289	5.323	5.283	5.877	5.508	14.644
0.8	12.478	4	7.289	5.323	5.283	5.877	5.499	14.644
0.8166	12.478	3.987	7.286	5.323	5.283	5.877	5.489	14.644
0.8333	12.478	3.981	7.283	5.323	5.283	5.877	5.48	14.644
0.85	12.478	3.975	7.283	5.317	5.283	5.877	5.48	14.644
0.8666	12.478	3.968	7.283	5.317	5.283	5.871	5.471	14.644
0.8833	12.478	3.962	7.28	5.317	5.283	5.871	5.461	14.644
0.9	12.478	3.956	7.277	5.317	5.283	5.871	5.452	14.644
0.9166	12.478	3.943	7.277	5.311	5.283	5.864	5.442	14.644
0.9333	12.478	3.943	7.274	5.311	5.283	5.864	5.442	14.644
0.95	12.478	3.93	7.274	5.311	5.283	5.858	5.433	14.644

0.9666	12.478	3.93	7.271	5.311	5.283	5.858	5.423	14.644
0.9833	12.478	3.924	7.271	5.305	5.283	5.858	5.423	14.644
1	12.478	3.918	7.268	5.305	5.283	5.858	5.414	14.644
1.2	12.478	3.848	7.242	5.286	5.283	5.833	5.347	14.645
1.4	12.478	3.804	7.224	5.261	5.277	5.807	5.3	14.645
1.6	12.478	3.766	7.208	5.242	5.277	5.788	5.262	14.644
1.8	12.478	3.74	7.192	5.217	5.271	5.763	5.224	14.644
2	12.478	3.715	7.18	5.191	5.271	5.744	5.196	14.644
2.2	12.478	3.69	7.167	5.166	5.271	5.725	5.177	14.644
2.4	12.478	3.677	7.158	5.147	5.264	5.706	5.158	14.644
2.6	12.478	3.658	7.148	5.122	5.264	5.687	5.139	14.644
2.8	12.478	3.645	7.139	5.103	5.264	5.674	5.13	14.644
3	12.478	3.633	7.129	5.085	5.258	5.655	5.111	14.644
3.2	12.478	3.62	7.123	5.059	5.258	5.643	5.101	14.644
3.4	12.478	3.607	7.117	5.041	5.252	5.63	5.092	14.644
3.6	12.478	3.601	7.111	5.022	5.252	5.624	5.082	14.644
3.8	12.478	3.589	7.104	4.997	5.252	5.611	5.073	14.644
4	12.478	3.582	7.101	4.984	5.252	5.605	5.063	14.644
4.2	12.478	3.576	7.095	4.959	5.252	5.592	5.054	14.644
4.4	12.478	3.57	7.092	4.946	5.245	5.586	5.045	14.644
4.6	12.478	3.563	7.089	4.927	5.245	5.579	5.045	14.644
4.8	12.478	3.557	7.086	4.915	5.245	5.573	5.035	14.644
5	12.478	3.551	7.082	4.896	5.239	5.567	5.026	14.644
5.2	12.478	3.551	7.076	4.883	5.239	5.56	5.026	14.644
5.4	12.478	3.544	7.076	4.871	5.239	5.56	5.016	14.644
5.6	12.478	3.538	7.073	4.852	5.239	5.554	5.016	14.644
5.8	12.478	3.538	7.07	4.839	5.239	5.548	5.007	14.644
6	12.478	3.532	7.067	4.827	5.239	5.541	5.007	14.644
6.2	12.478	3.525	7.067	4.814	5.233	5.541	4.997	14.644
6.4	12.478	3.525	7.064	4.802	5.233	5.535	4.997	14.644
6.6	12.478	3.519	7.06	4.795	5.233	5.535	4.997	14.644
6.8	12.478	3.513	7.06	4.783	5.233	5.529	4.988	14.644
7	12.478	3.513	7.057	4.77	5.233	5.529	4.988	14.644
7.2	12.478	3.506	7.057	4.758	5.233	5.522	4.988	14.644
7.4	12.478	3.506	7.054	4.751	5.226	5.522	4.978	14.644
7.6	12.478	3.5	7.051	4.745	5.226	5.522	4.978	14.644
7.8	12.478	3.5	7.051	4.733	5.226	5.522	4.978	14.644
8	12.478	3.5	7.051	4.726	5.226	5.516	4.969	14.645
8.2	12.478	3.5	7.048	4.72	5.226	5.516	4.969	14.645
8.4	12.478	3.494	7.048	4.714	5.226	5.51	4.969	14.645
8.6	12.478	3.494	7.045	4.701	5.22	5.51	4.969	14.645
8.8	12.478	3.487	7.045	4.695	5.22	5.51	4.959	14.644
9	12.478	3.487	7.045	4.689	5.22	5.51	4.959	14.645
9.2	12.478	3.487	7.045	4.689	5.22	5.503	4.959	14.645
9.4	12.478	3.487	7.042	4.682	5.22	5.503	4.959	14.645
9.6	12.478	3.487	7.042	4.67	5.22	5.503	4.959	14.645
9.8	12.478	3.481	7.042	4.663	5.22	5.503	4.969	14.645
10	12.478	3.481	7.042	4.663	5.22	5.503	4.95	14.645
12	12.478	3.468	7.035	4.626	5.207	5.491	4.95	14.646
14	12.478	3.456	7.029	4.601	5.207	5.484	4.94	14.646
16	12.478	3.449	7.023	4.588	5.201	5.478	4.931	14.647

18	12.478	3.443	7.02	4.575	5.195	5.478	4.931	14.647
20	12.478	3.437	7.013	4.569	5.188	5.472	4.921	14.646
22	12.478	3.43	7.007	4.563	5.182	5.465	4.921	14.646
24	12.478	3.43	7.004	4.557	5.176	5.465	4.912	14.646
26	12.478	3.424	7.004	4.55	5.176	5.459	4.912	14.646
28	12.478	3.424	7.001	4.55	5.169	5.459	4.903	14.646
30	12.478	3.418	6.998	4.544	5.163	5.459	4.903	14.646
32	12.478	3.411	6.998	4.538	5.163	5.453	4.903	14.647
34	12.478	3.411	6.995	4.538	5.163	5.453	4.893	14.647
36	12.478	3.405	6.991	4.531	5.157	5.453	4.893	14.647
38	12.478	3.405	6.988	4.531	5.15	5.453	4.903	14.648
40	12.478	3.399	6.988	4.525	5.15	5.453	4.884	14.648
42	12.478	3.399	6.985	4.525	5.144	5.446	4.884	14.648
44	12.478	3.392	6.982	4.525	5.144	5.446	4.884	14.648
46	12.478	3.392	6.982	4.519	5.138	5.446	4.884	14.648
48	12.478	3.386	6.982	4.519	5.138	5.446	4.884	14.649
50	12.478	3.386	6.979	4.513	5.138	5.44	4.874	14.649
52	12.478	3.38	6.979	4.513	5.131	5.44	4.874	14.649
54	12.478	3.38	6.976	4.513	5.131	5.44	4.874	14.649
56	12.478	3.38	6.973	4.506	5.131	5.44	4.874	14.649
58	12.478	3.38	6.97	4.506	5.125	5.434	4.874	14.649
60	12.478	3.373	6.97	4.506	5.125	5.434	4.865	14.649
62	12.478	3.373	6.973	4.506	5.125	5.434	4.865	14.65
64	12.478	3.367	6.97	4.5	5.119	5.434	4.865	14.65
66	12.478	3.367	6.966	4.5	5.119	5.434	4.865	14.649
68	12.478	3.367	6.966	4.5	5.112	5.427	4.865	14.65
70	12.478	3.361	6.966	4.494	5.112	5.434	4.865	14.65
72	12.478	3.354	6.963	4.494	5.112	5.434	4.855	14.651
74	12.478	3.354	6.966	4.494	5.112	5.427	4.855	14.652
76	12.478	3.354	6.963	4.494	5.106	5.427	4.855	14.652
78	12.478	3.354	6.963	4.494	5.106	5.427	4.855	14.652
80	12.478	3.354	6.96	4.487	5.106	5.427	4.855	14.654
82	12.478	3.348	6.96	4.487	5.106	5.427	4.855	14.654
84	12.478	3.348	6.96	4.487	5.106	5.427	4.855	14.655
86	12.478	3.342	6.957	4.487	5.1	5.427	4.855	14.655
88	12.478	3.342	6.957	4.487	5.1	5.427	4.855	14.655
90	12.478	3.342	6.954	4.487	5.1	5.421	4.855	14.655
92	12.478	3.335	6.957	4.481	5.093	5.421	4.846	14.656
94	12.478	3.335	6.954	4.481	5.093	5.421	4.846	14.656
96	12.478	3.329	6.957	4.481	5.093	5.421	4.846	14.656
98	12.478	3.329	6.951	4.481	5.093	5.421	4.846	14.656
100	12.478	3.329	6.948	4.475	5.093	5.421	4.846	14.655
120	12.478	3.316	6.941	4.469	5.081	5.415	4.836	14.657
140	12.478	3.329	6.938	4.462	5.068	5.408	4.836	14.659
160	12.478	3.361	6.932	4.456	5.062	5.402	4.827	14.661
180	12.478	3.418	6.926	4.45	5.049	5.402	4.827	14.66
200	12.478	3.475	6.919	4.443	5.043	5.396	4.817	14.661
220	12.478	3.645	6.916	4.443	5.043	5.396	4.817	14.663
240	12.478	3.804	6.91	4.437	5.036	5.396	4.808	14.663
260	12.478	3.911	6.904	4.437	5.03	5.396	4.808	14.667
280	12.478	4.019	6.891	4.437	5.03	5.396	4.808	14.668

300	12.478	4.171	6.894	4.437	5.03	5.39	4.817	14.667
320	12.478	4.202	6.888	4.437	5.03	5.396	4.808	14.667
340	12.478	4.405	6.9	4.437	5.03	5.396	4.817	14.666
360	12.478	4.506	6.891	4.443	5.03	5.396	4.817	14.665
380	12.478	4.538	6.894	4.443	5.036	5.396	4.817	14.665
400	12.478	4.614	6.882	4.443	5.036	5.396	4.817	14.661
420	12.478	4.576	6.813	4.443	5.03	5.396	4.817	14.659
440	12.478	4.601	6.879	4.443	5.036	5.396	4.817	14.655
460	12.478	4.595	6.922	4.45	5.043	5.402	4.827	14.652
480	12.478	4.639	6.919	4.45	5.049	5.402	4.836	14.648
500	12.478	4.658	6.894	4.45	5.043	5.402	4.827	14.647
520	12.478	4.418	6.875	4.456	5.043	5.402	4.827	14.644
540	12.478	4.038	6.879	4.45	5.043	5.396	4.817	14.641
560	12.478	3.848	6.866	4.443	5.03	5.39	4.808	14.64
580	12.478	3.683	6.869	4.437	5.024	5.383	4.798	14.645
600	12.478	3.614	6.86	4.418	5.011	5.364	4.789	14.641
620	12.478	3.645	6.838	4.4	4.98	5.339	4.77	14.637
640	12.478	3.734	6.819	4.381	4.961	5.32	4.751	14.629
660	12.478	3.797	6.822	4.374	4.948	5.314	4.751	14.622
680	12.478	3.797	6.819	4.368	4.935	5.307	4.742	14.626
700	12.478	3.842	6.803	4.368	4.929	5.301	4.742	14.626
720	12.478	3.823	6.8	4.362	4.916	5.295	4.742	14.625
740	12.478	3.759	6.797	4.356	4.916	5.295	4.732	14.624
760	12.478	3.696	6.797	4.356	4.904	5.295	4.732	14.625
780	12.478	3.639	6.797	4.349	4.904	5.295	4.732	14.626
800	12.478	3.595	6.794	4.349	4.897	5.288	4.723	14.625
820	12.478	3.557	6.794	4.349	4.897	5.288	4.723	14.626
840	12.478	3.519	6.791	4.343	4.897	5.288	4.723	14.628
860	12.478	3.481	6.791	4.343	4.891	5.288	4.723	14.629
880	12.478	3.449	6.784	4.343	4.891	5.282	4.713	14.629
900	12.478	3.411	6.784	4.343	4.885	5.282	4.713	14.629
920	12.478	3.373	6.784	4.337	4.885	5.282	4.713	14.632
940	12.478	3.342	6.788	4.337	4.885	5.282	4.713	14.635
960	12.478	3.316	6.784	4.337	4.885	5.282	4.713	14.636
980	12.478	3.31	6.784	4.337	4.885	5.282	4.713	14.636
1000	12.478	3.297	6.784	4.337	4.885	5.282	4.713	14.637
1020	12.478	3.291	6.784	4.337	4.885	5.282	4.713	14.638
1040	12.478	3.285	6.784	4.337	4.885	5.282	4.713	14.638
1060	12.478	3.278	6.784	4.337	4.885	5.282	4.713	14.64
1080	12.478	3.272	6.784	4.337	4.878	5.282	4.713	14.64
1100	12.478	3.278	6.781	4.33	4.885	5.282	4.713	14.637
1120	12.478	3.278	6.781	4.337	4.885	5.288	4.713	14.637
1140	12.478	3.278	6.784	4.337	4.878	5.282	4.713	14.636
1160	12.478	3.272	6.781	4.33	4.878	5.282	4.704	14.635
1180	12.478	3.272	6.781	4.33	4.878	5.282	4.713	14.633
1200	12.478	3.272	6.784	4.33	4.885	5.282	4.713	14.633
1220	12.478	3.272	6.781	4.337	4.878	5.288	4.713	14.63
1240	12.478	3.266	6.784	4.337	4.885	5.282	4.713	14.632
1260	12.478	3.266	6.781	4.33	4.885	5.282	4.713	14.629
1280	12.478	3.259	6.781	4.33	4.885	5.288	4.713	14.627
1300	12.478	3.266	6.784	4.33	4.885	5.282	4.713	14.625

1320	12.478	3.259	6.788	4.337	4.885	5.288	4.713	14.626
1340	12.478	3.253	6.788	4.337	4.885	5.288	4.713	14.626
1360	12.478	3.253	6.791	4.337	4.891	5.288	4.713	14.627
1380	12.478	3.259	6.788	4.337	4.891	5.288	4.713	14.624
1400	12.478	3.259	6.788	4.337	4.891	5.288	4.713	14.623
1420	12.478	3.253	6.788	4.337	4.891	5.295	4.713	14.622
1440	12.478	3.253	6.788	4.337	4.891	5.295	4.713	14.623
1460	12.478	3.247	6.784	4.337	4.891	5.295	4.713	14.623
1480	12.478	3.247	6.788	4.337	4.891	5.295	4.713	14.624
1500	12.478	3.24	6.788	4.343	4.897	5.295	4.713	14.627
1520	12.478	3.24	6.791	4.343	4.897	5.301	4.723	14.628
1540	12.478	3.247	6.788	4.343	4.897	5.295	4.713	14.628
1560	12.478	3.253	6.788	4.343	4.897	5.295	4.723	14.63
1580	12.478	3.272	6.788	4.343	4.897	5.301	4.723	14.633
1600	12.478	3.304	6.791	4.343	4.904	5.301	4.723	14.635

ATTACHMENT I

TIME-DRAWDOWN GRAPHS

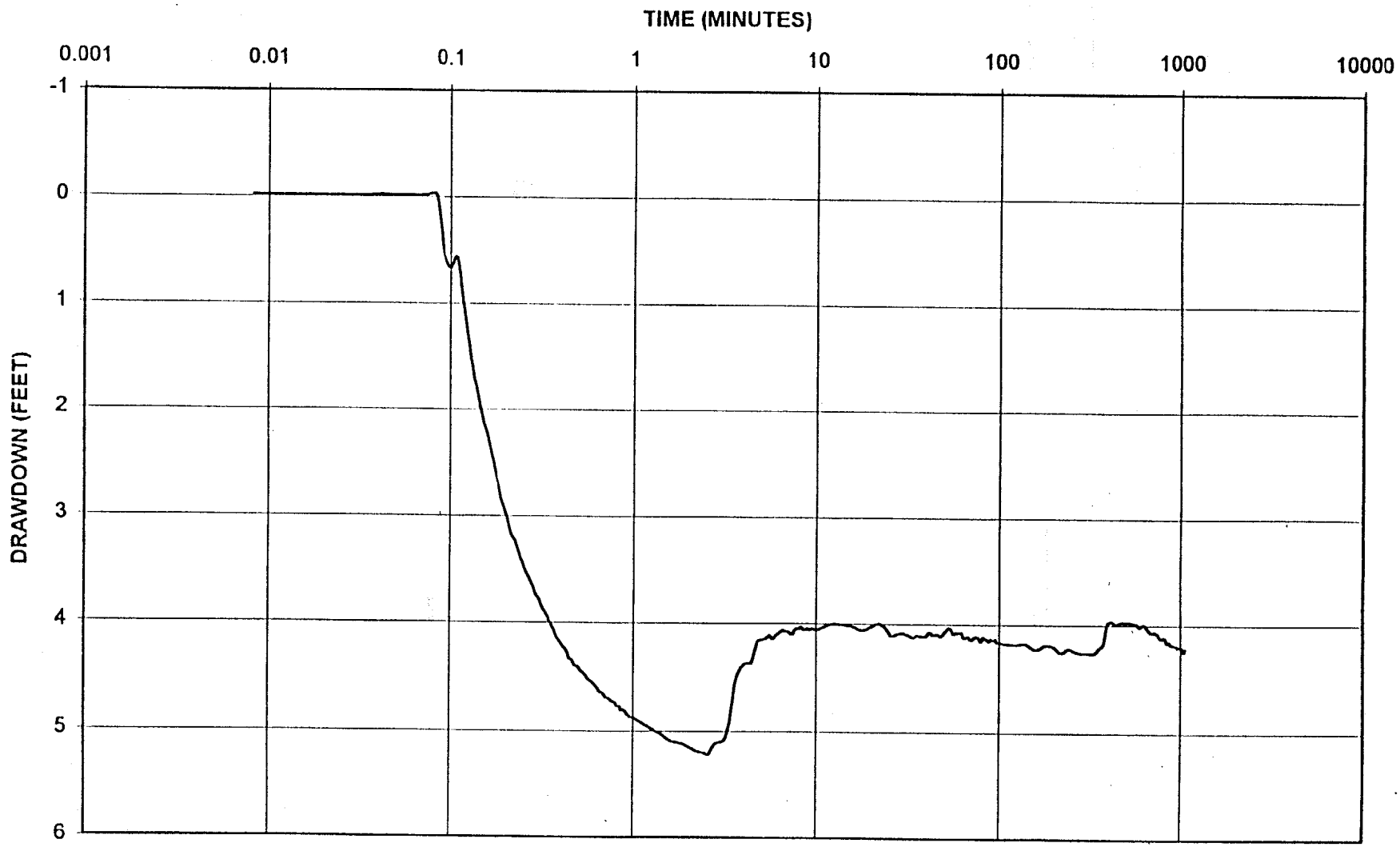
Table I-1
Results Generated from Time-Drawdown Graphs

OU 4 Interim Remedial Action Treatability Study:
Pumping Test Implementation and Results
Naval Training Center
Orlando, Florida

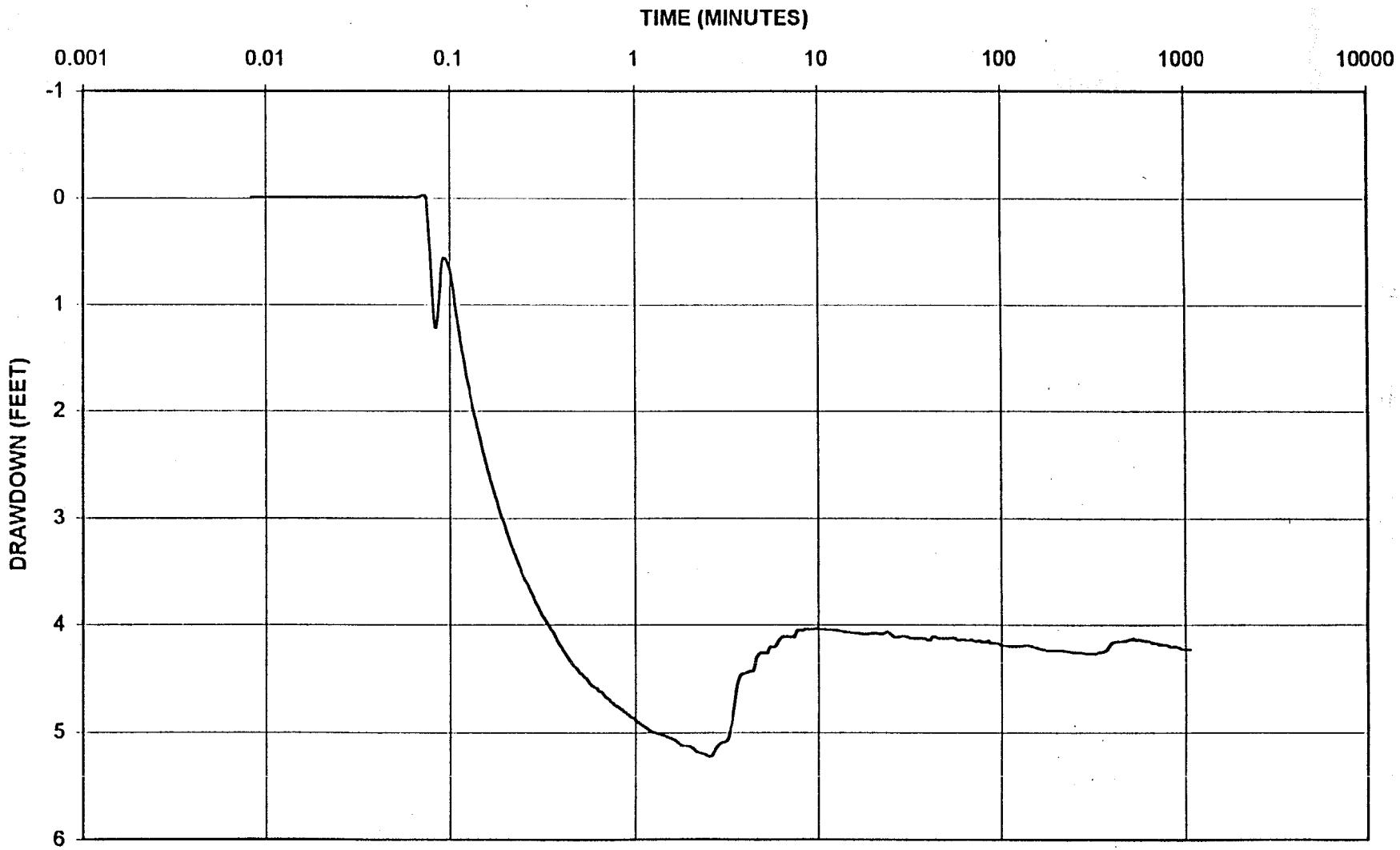
Wells Incorporated on Each Graph	Coefficient of Transmissivity (ft^2/day)
OLD-13-RW1	1.37×10^3
OLD-13-RP1	1.72×10^3
OLD-13-OW1	1.53×10^3
OLD-13-OW2	1.72×10^3
OLD-13-OW3	Not interpretable
OLD-13-OW4	2.15×10^3
OLD-13-OW5	Not interpretable
OLD-13-09A	1.10×10^4
OLD-13-10B	Not interpretable
OLD-13-11C	3.40×10^3
OLD-13-12A	Not interpretable
OLD-13-13B	1.46×10^3
OLD-13-14C	1.63×10^3
OLD-13-15A	7.23×10^3
OLD-13-16B	3.05×10^3
OLD-13-17C	2.37×10^3
OLD-13-05	Not interpretable
OLD-12-05	Not interpretable

Notes: Graphs begin on following page.
ft^2/day = square feet per day.

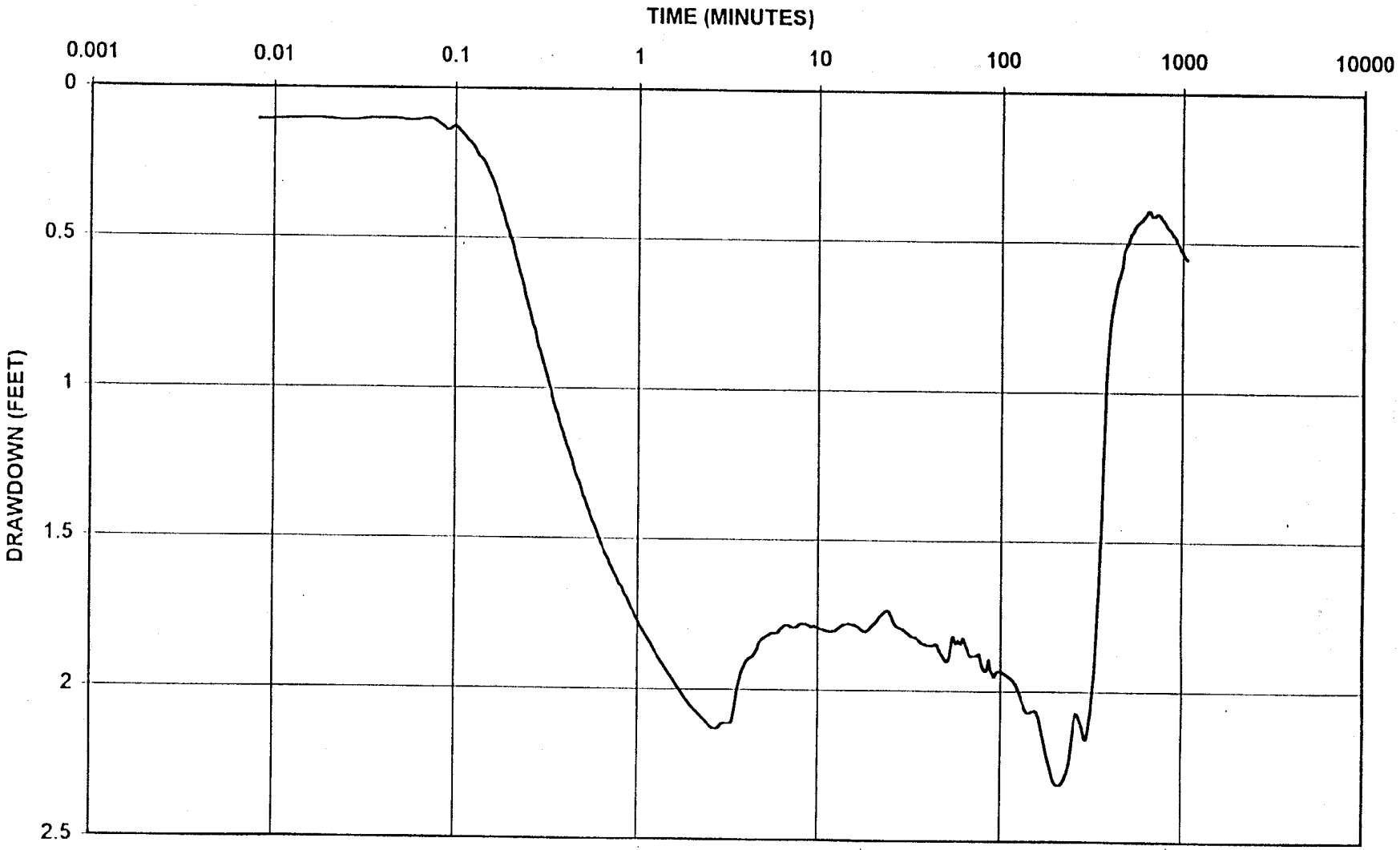
OLD-RW1 Pumping Phase



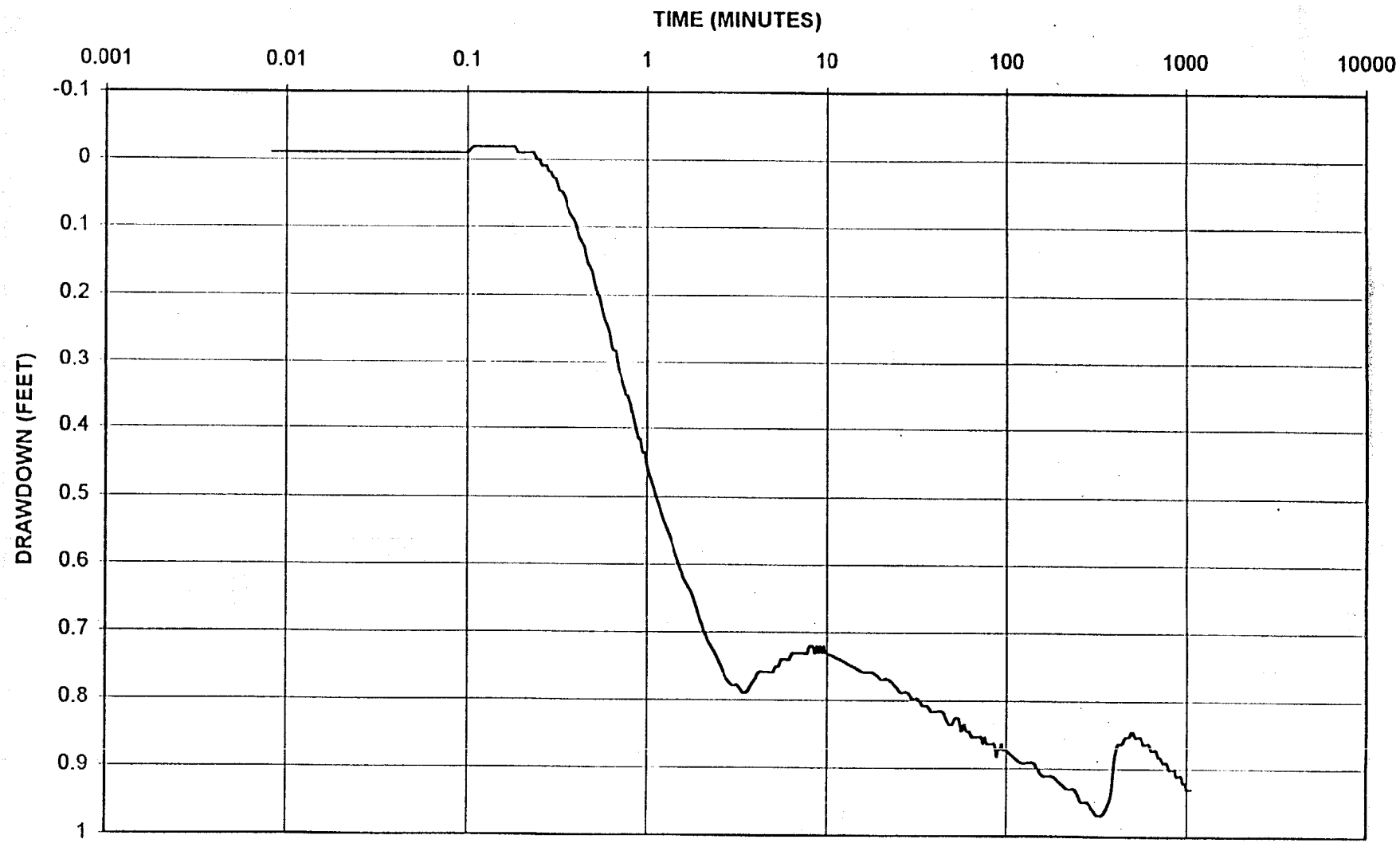
OLD-13-RP1 Pumping Phase



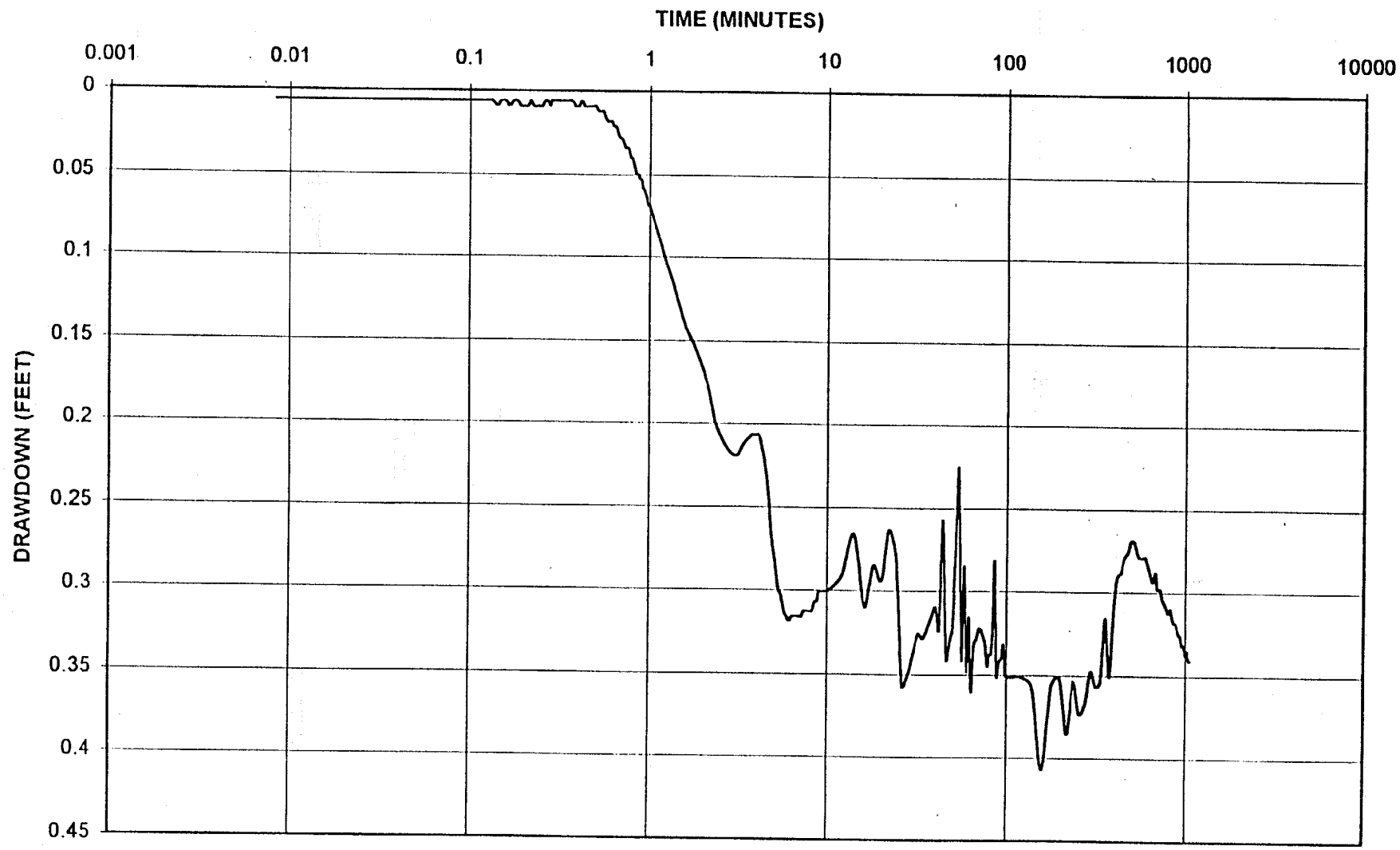
OLD-13-OW1 Pumping Phase



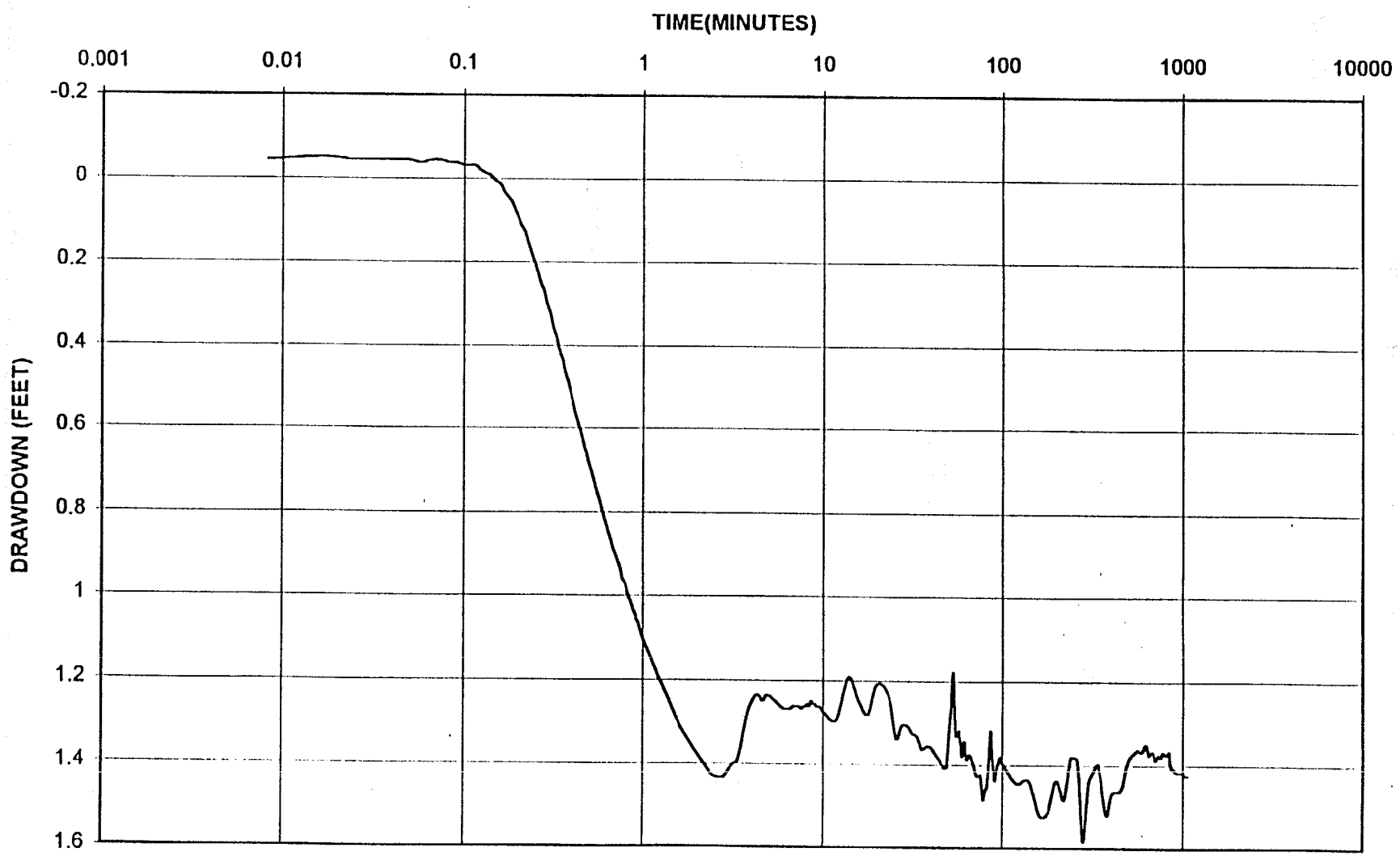
OLD-OW2 Pumping Phase

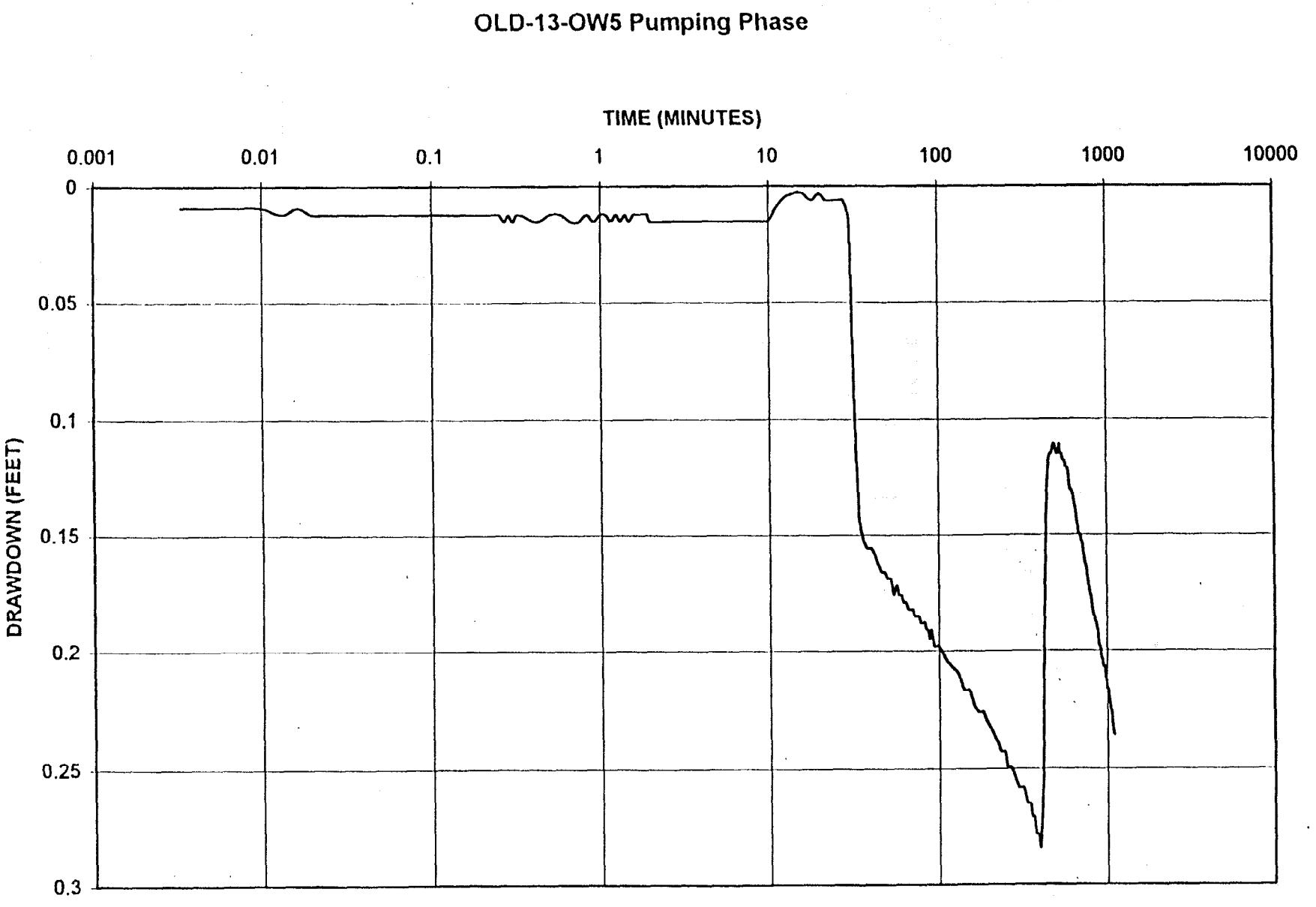


OLD-13-OW3 Pumping Phase

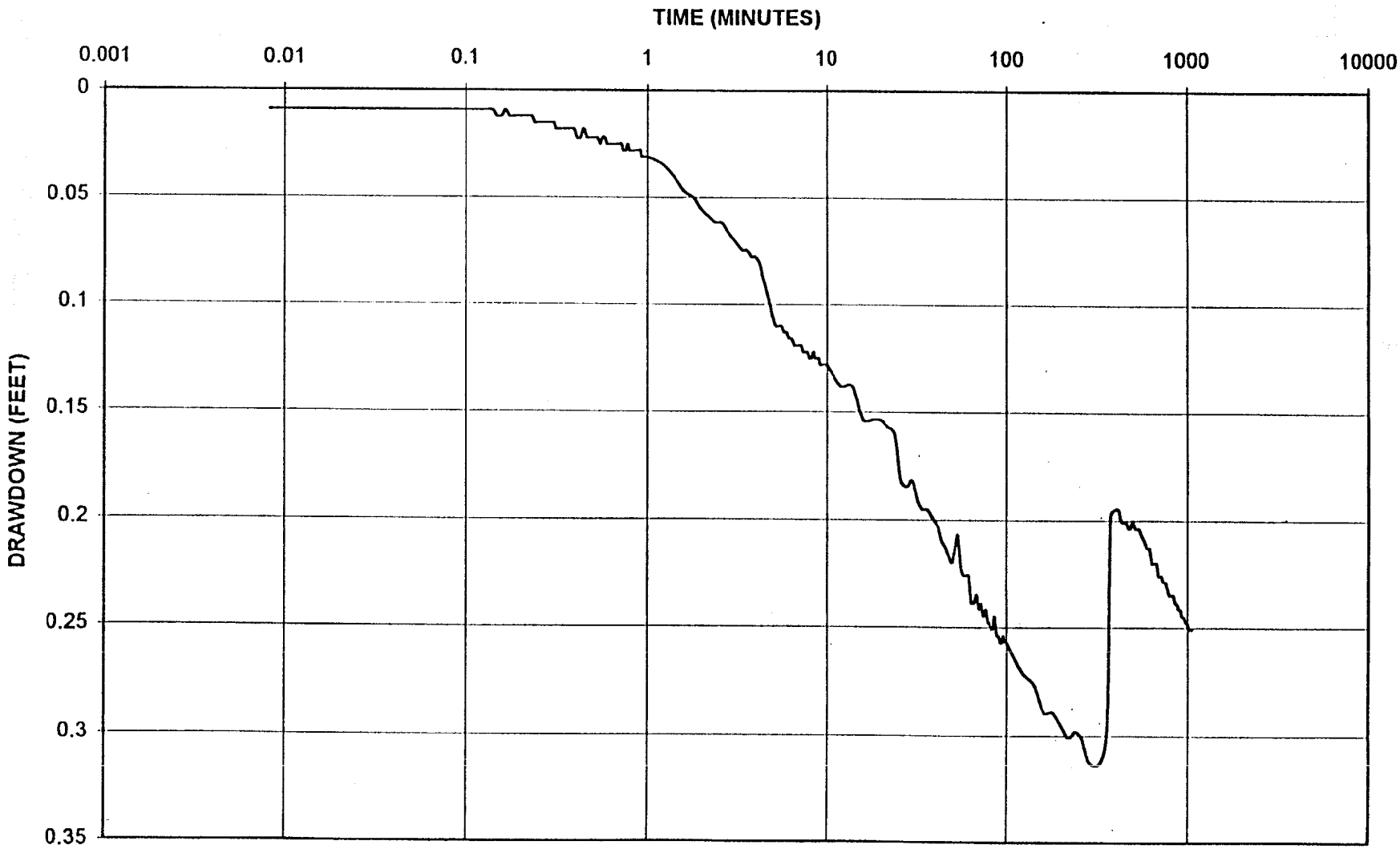


OLD-13-OW4 Pumping Phase

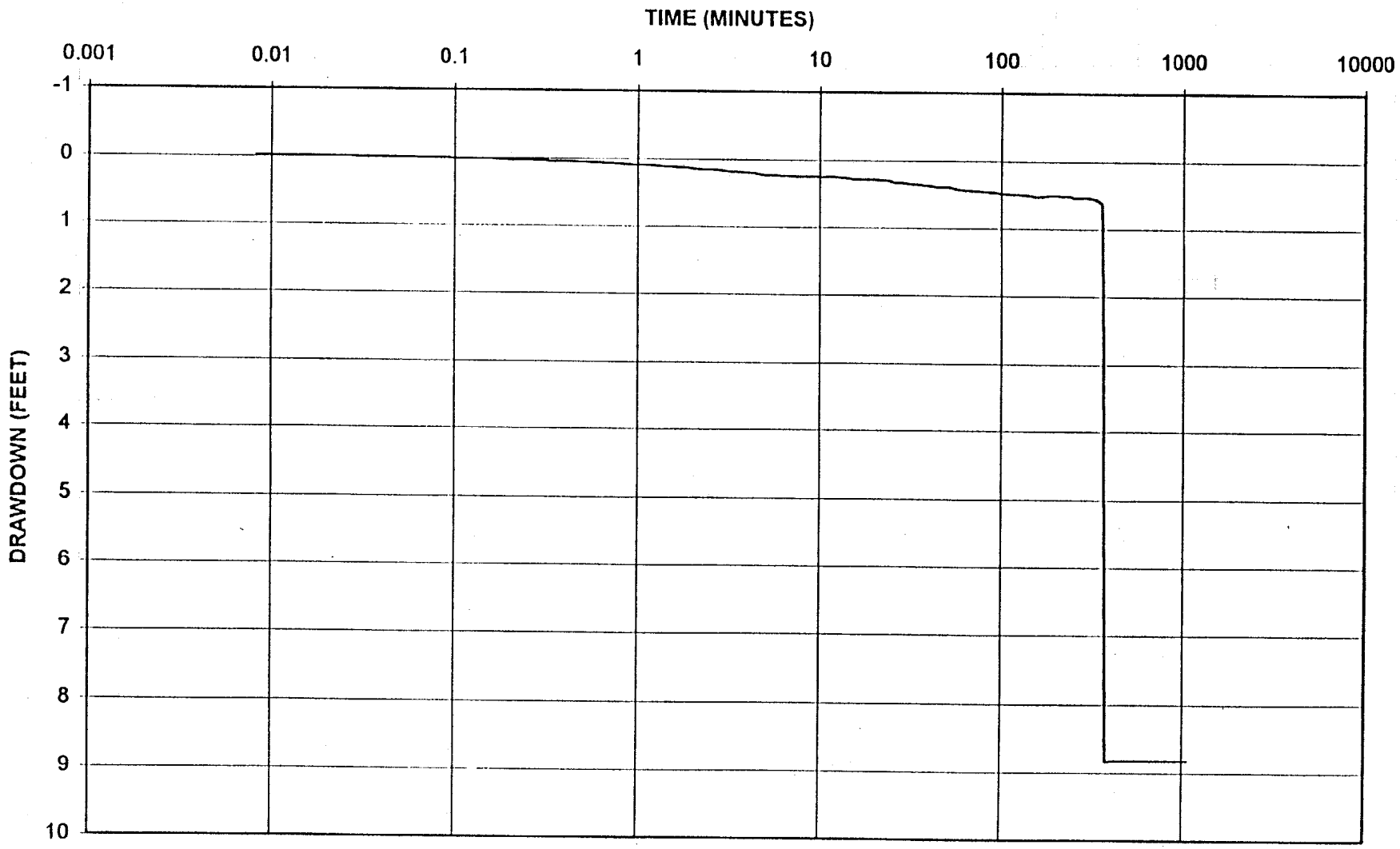



OLD-13-OW5 Pumping Phase
TIME (MINUTES)
0.001
0.01
0.1
1
10
100
1000
10000
DRAWDOWN (FEET)
0
0.05
0.1
0.15
0.2
0.25
0.3

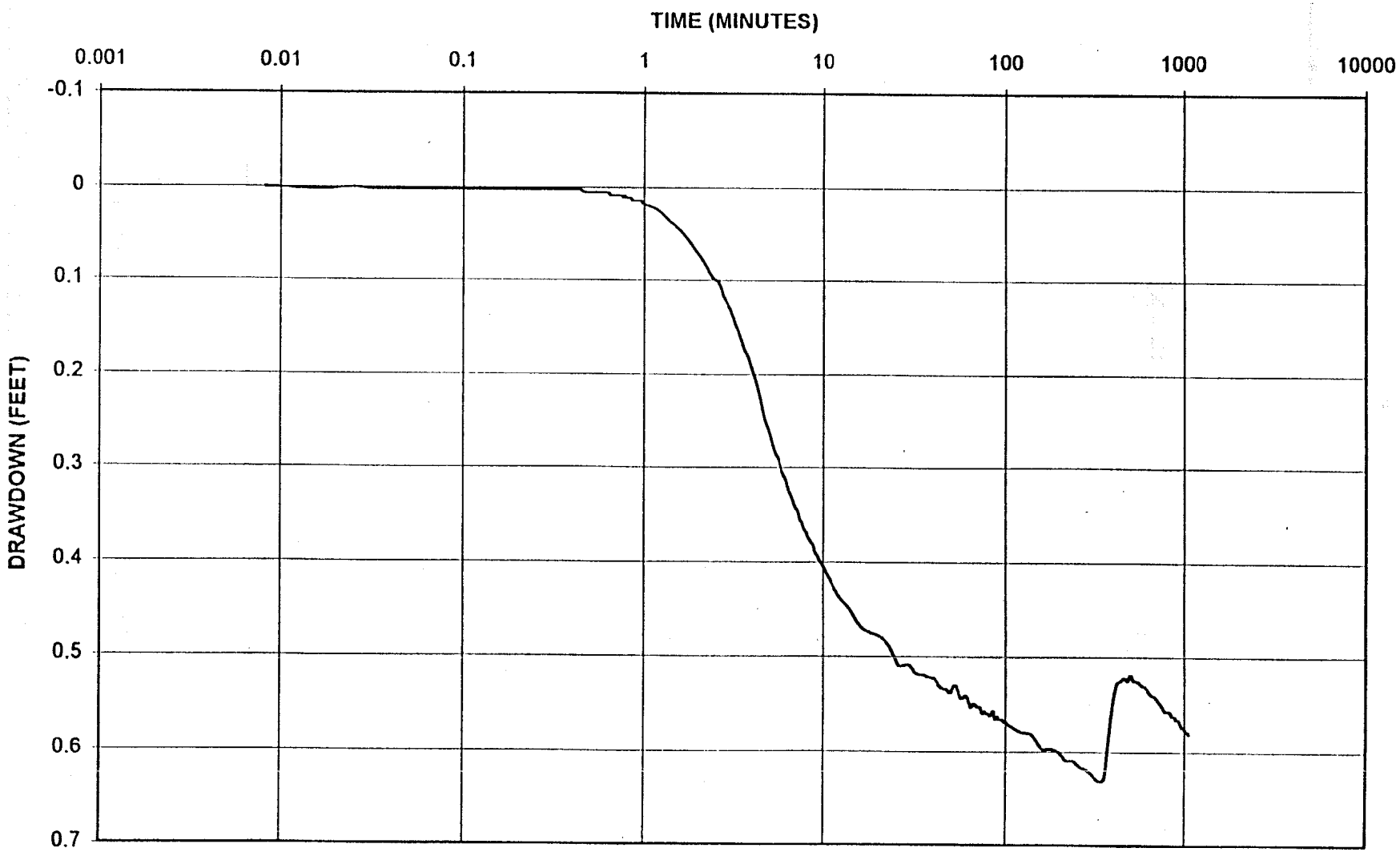
OLD-13-09 Pumping Phase



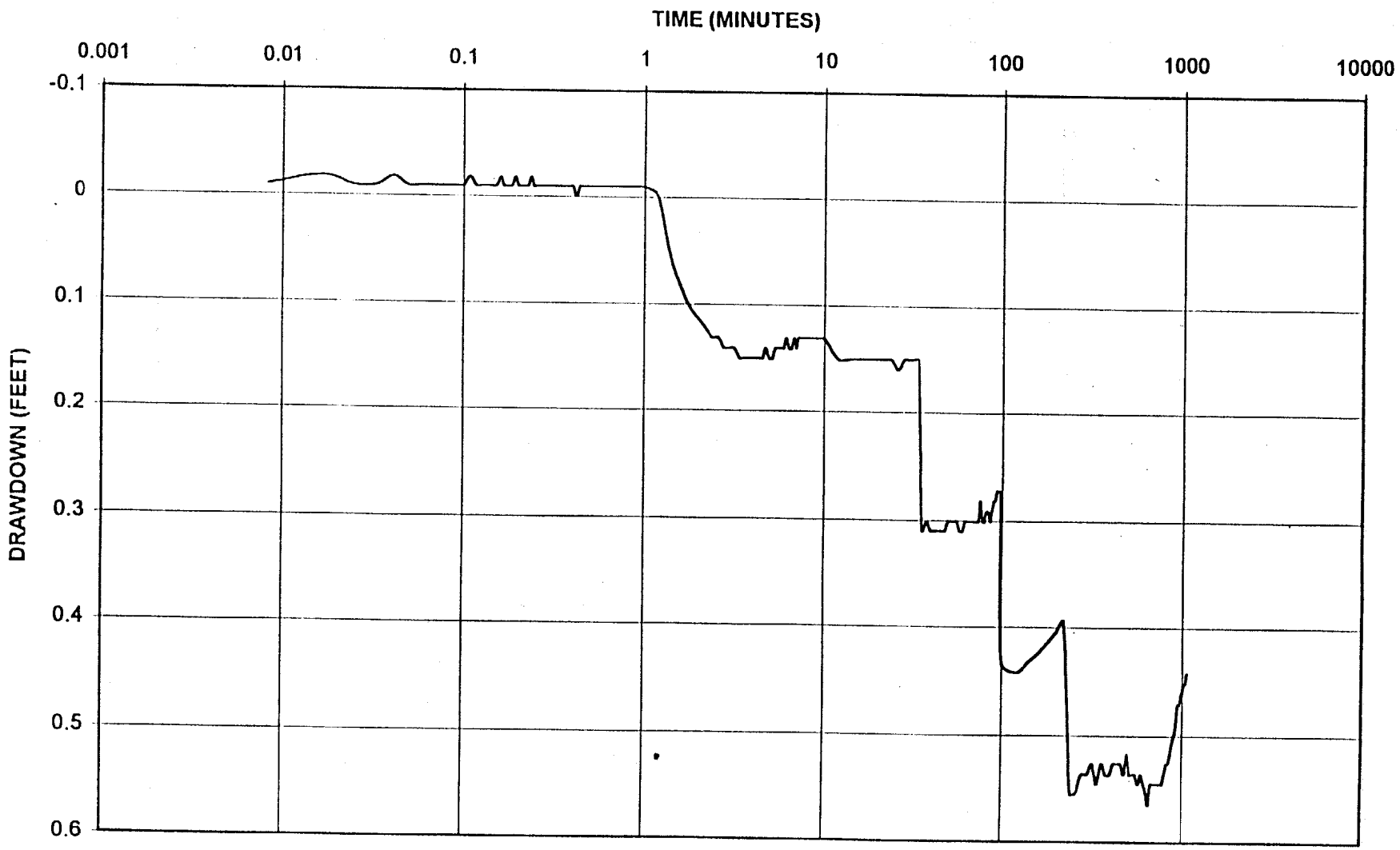
OLD-13-10 Pumping Phase



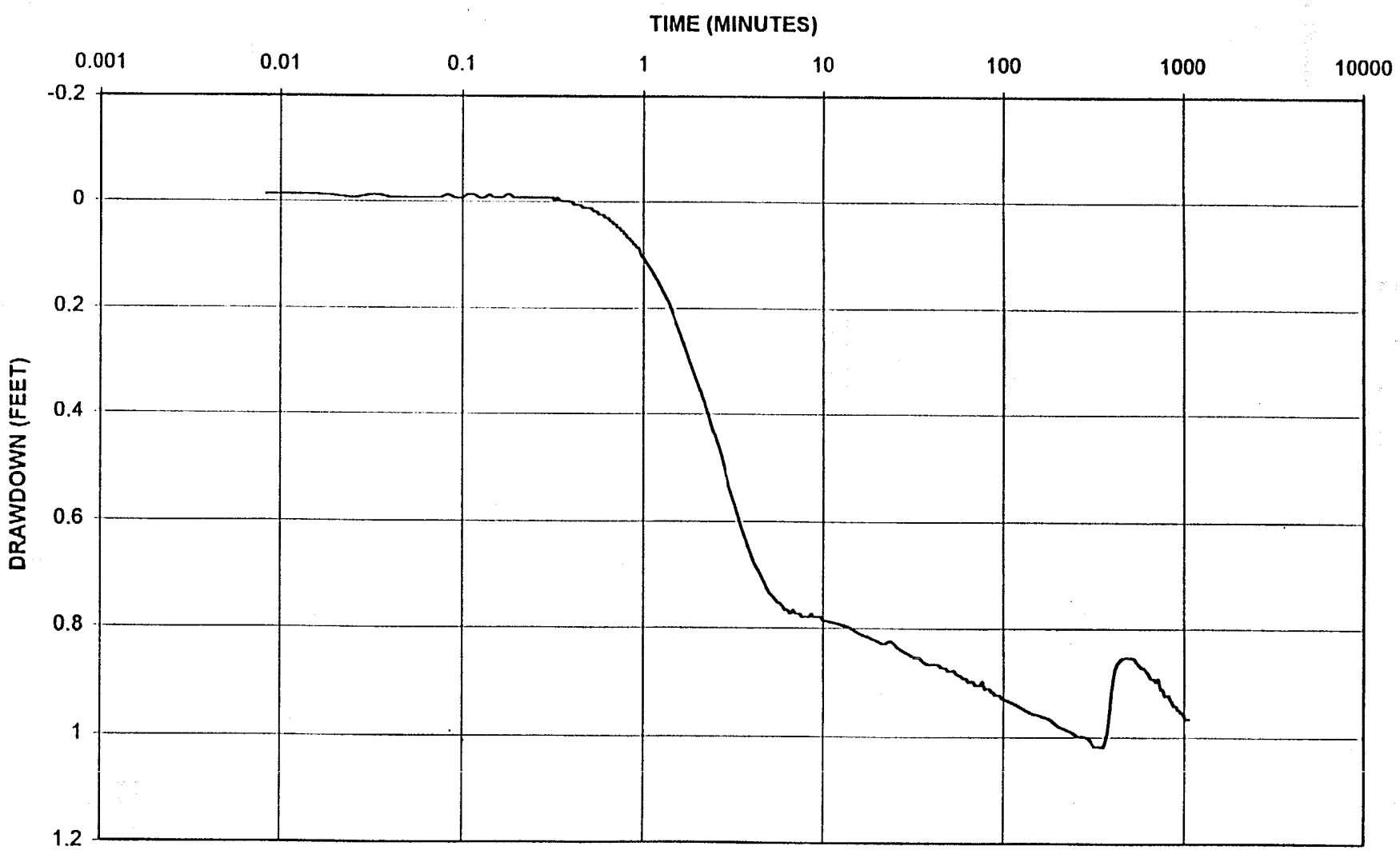
OLD-13-11 Pumping Phase



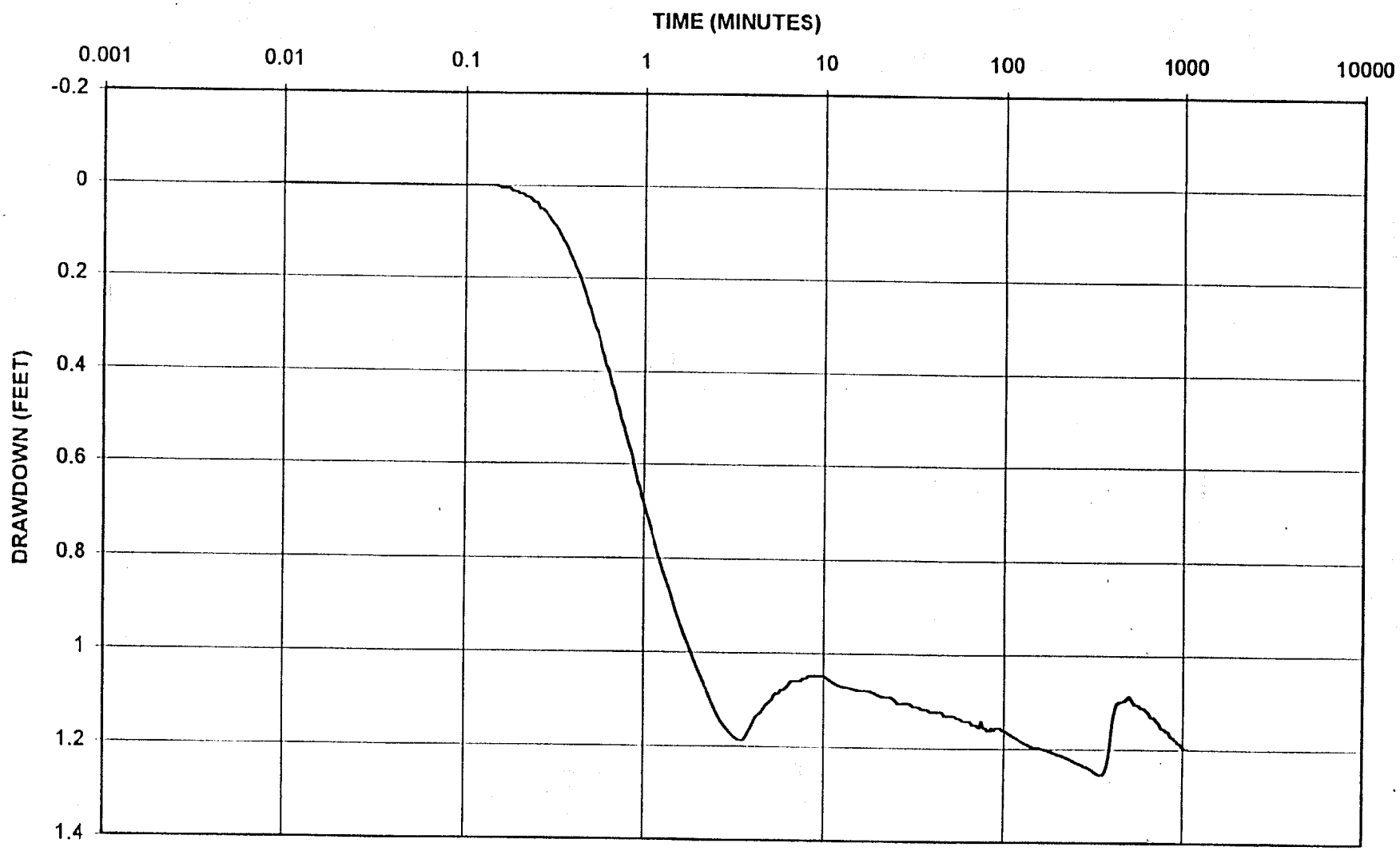
OLD-13-12 Pumping Phase



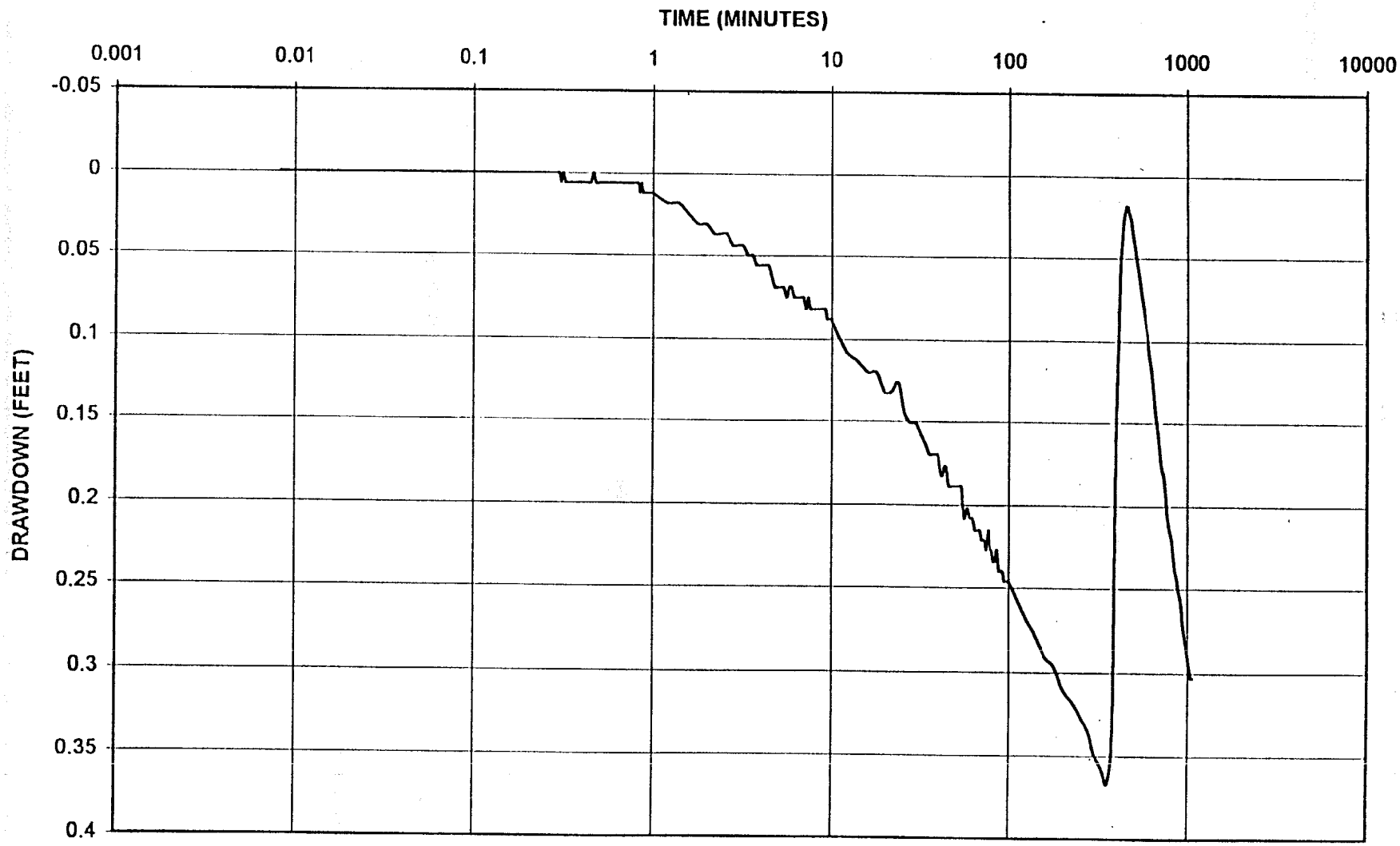
OLD-13-13 Pumping Phase



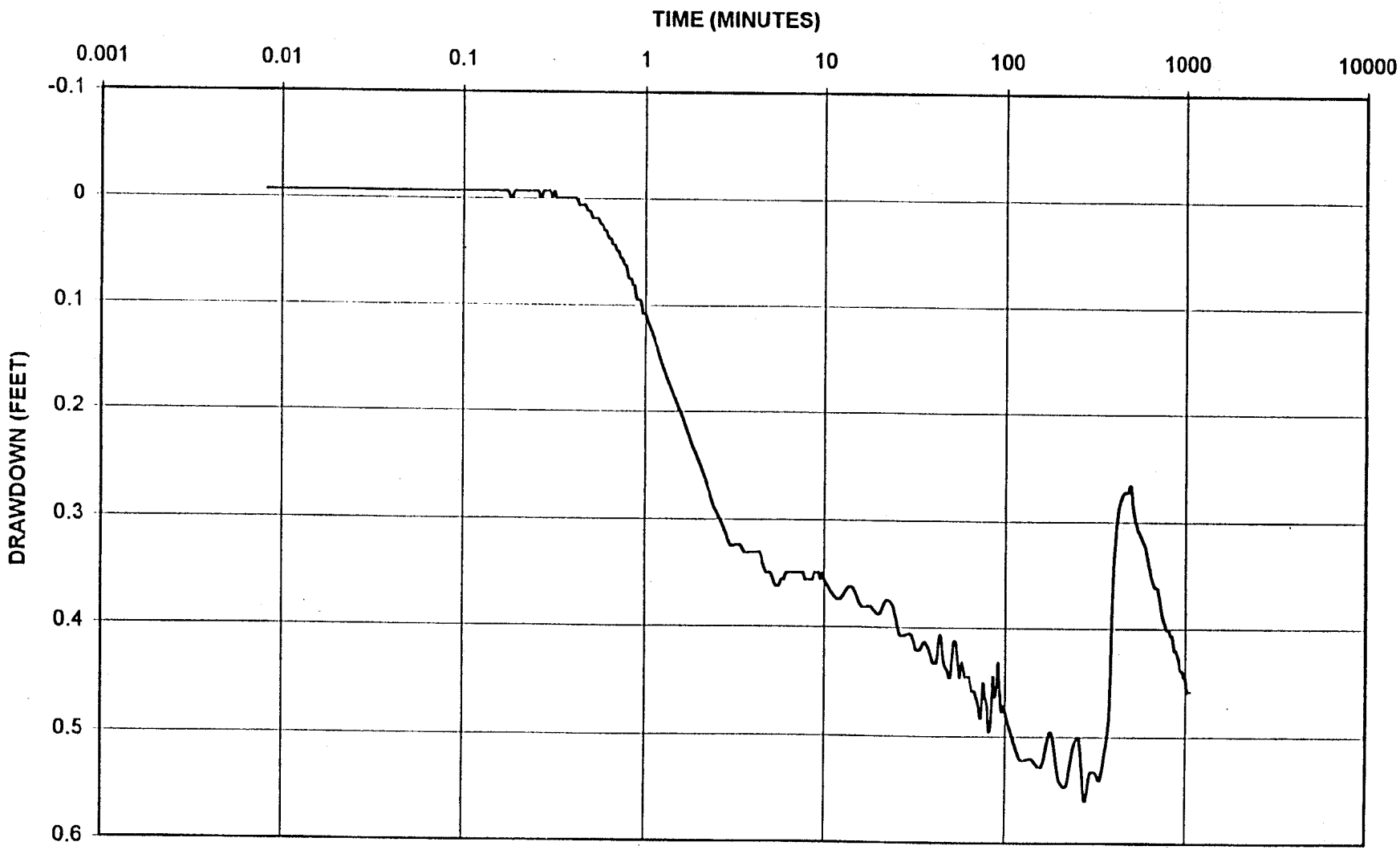
OLD-13-14 Pumping Phase



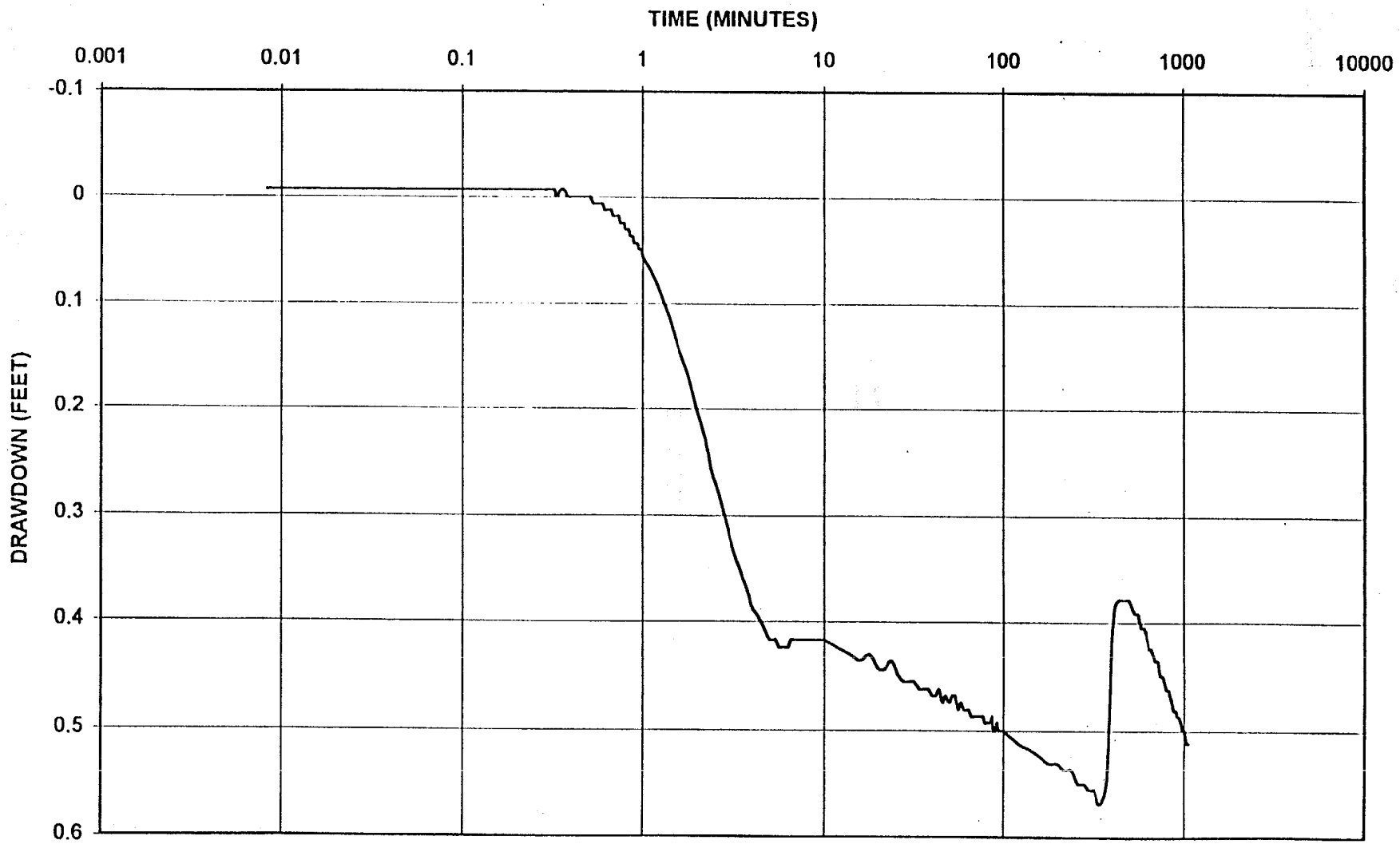
OLD-13-15 Pumping Phase



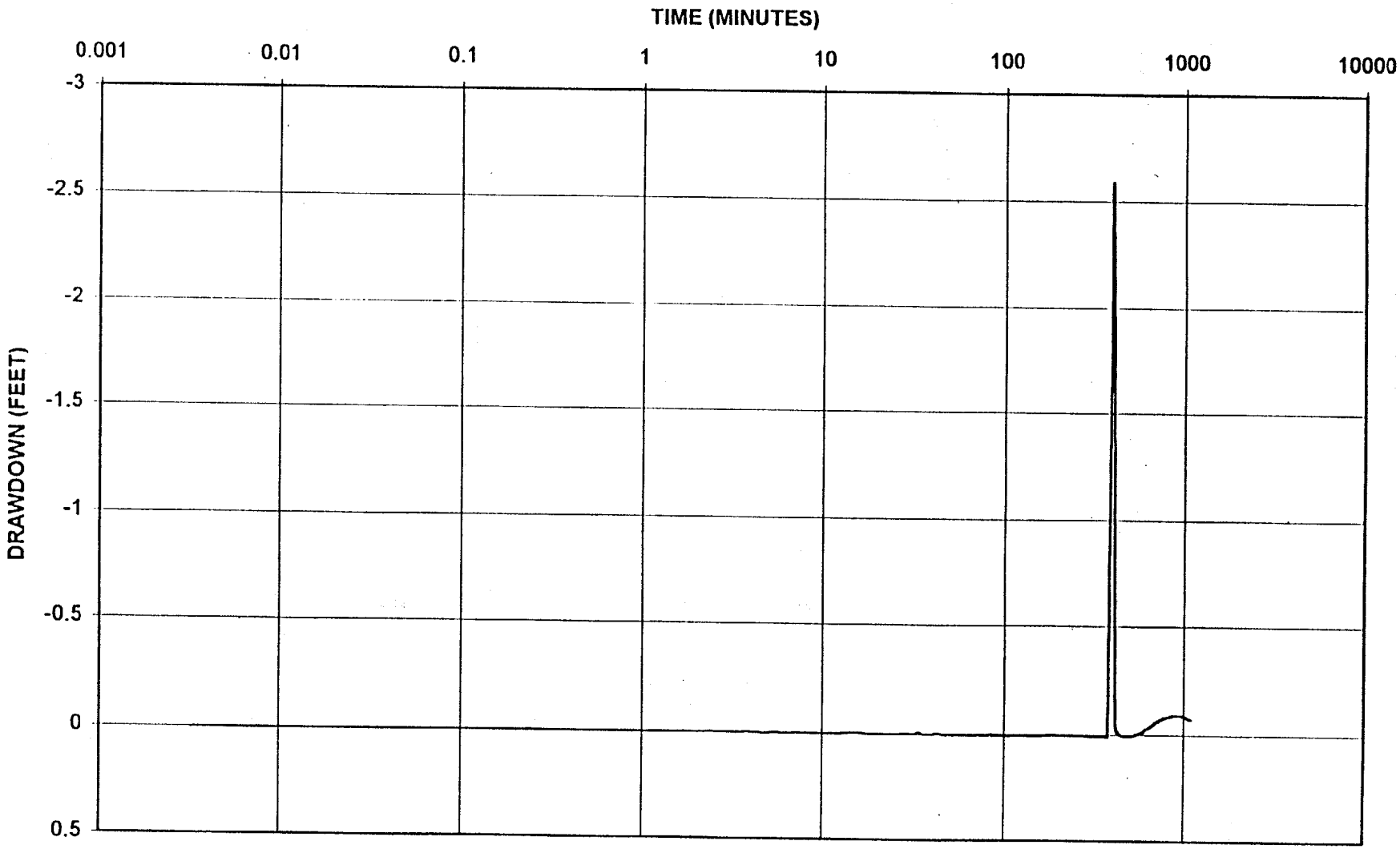
OLD-13-16 Pumping Phase



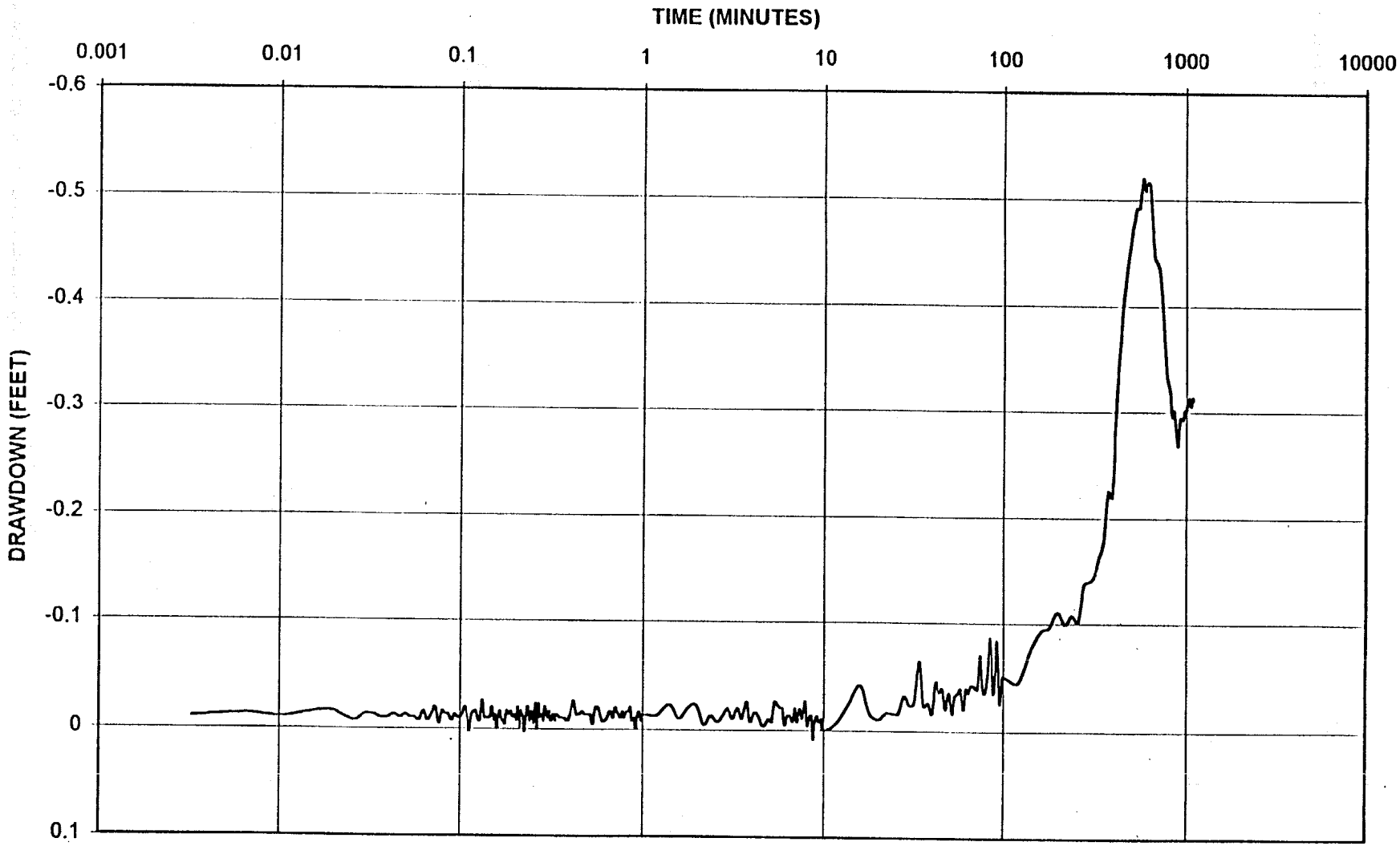
OLD-13-17 PUMPING PHASE



OLD-13-05 PUMPING PHASE



OLD-12-05 Pumping Phase



ATTACHMENT J

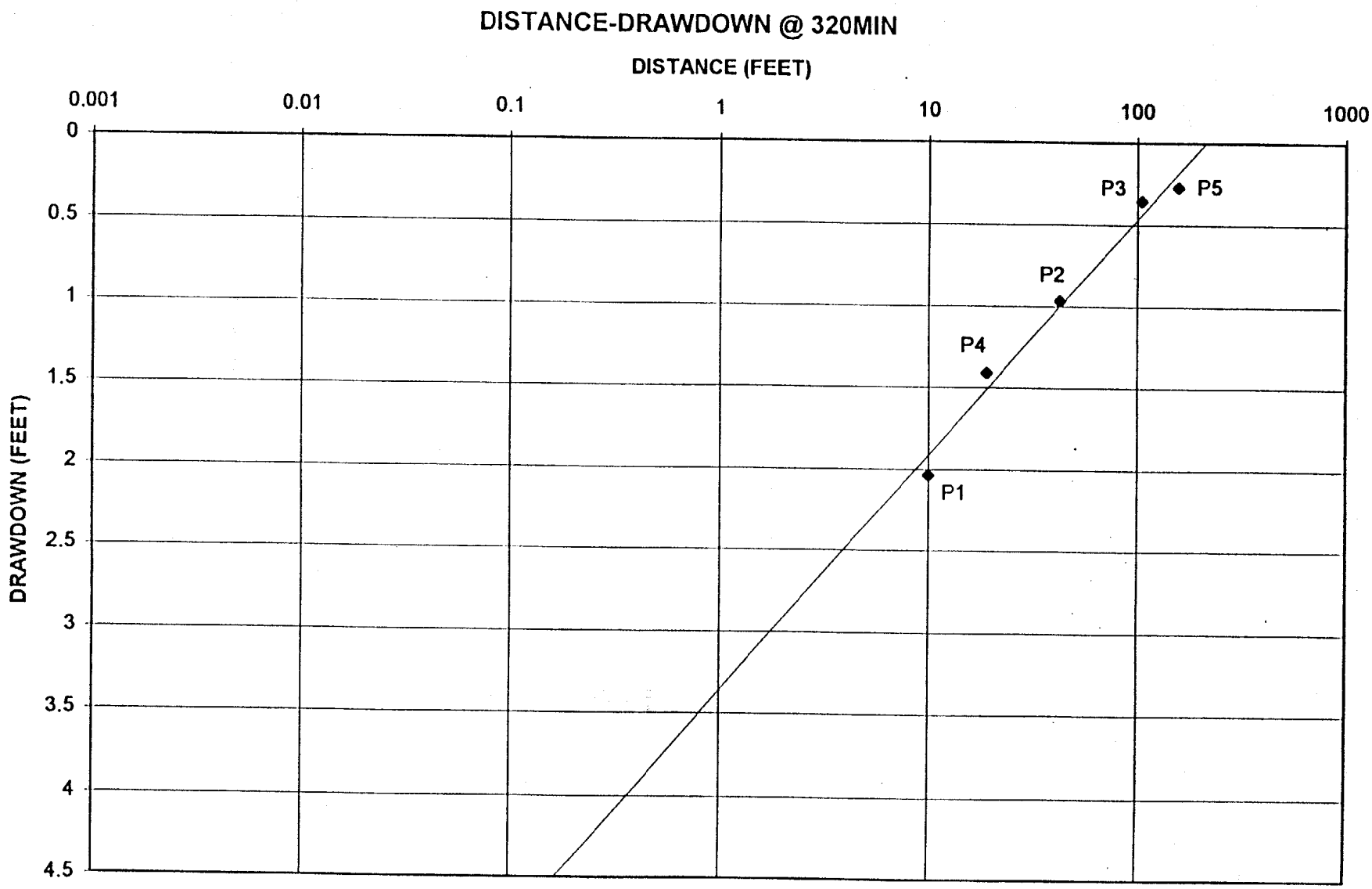
DISTANCE-DRAWDOWN GRAPHS

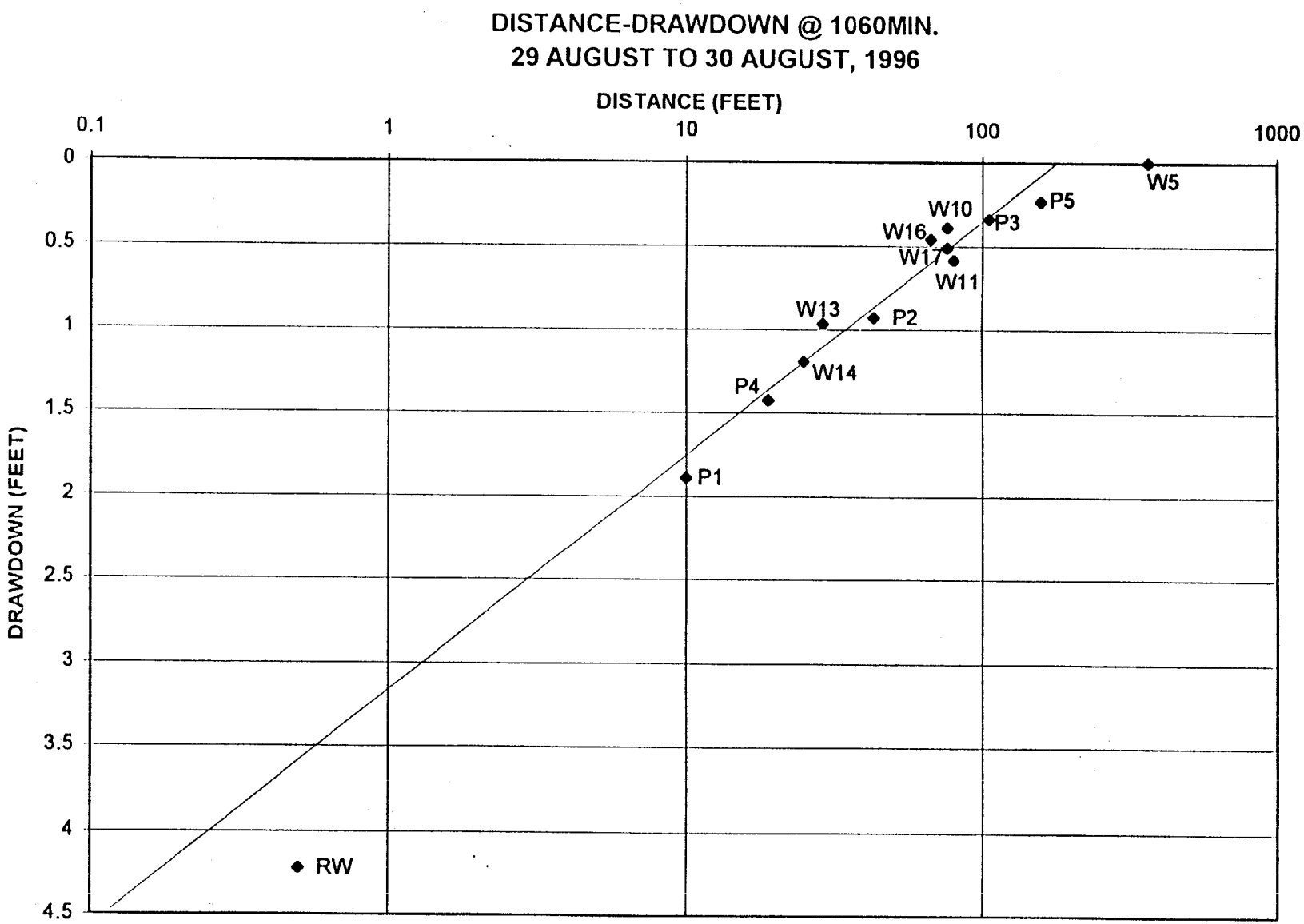
Table J-1
Results Generated from Distance-Drawdown Graphs

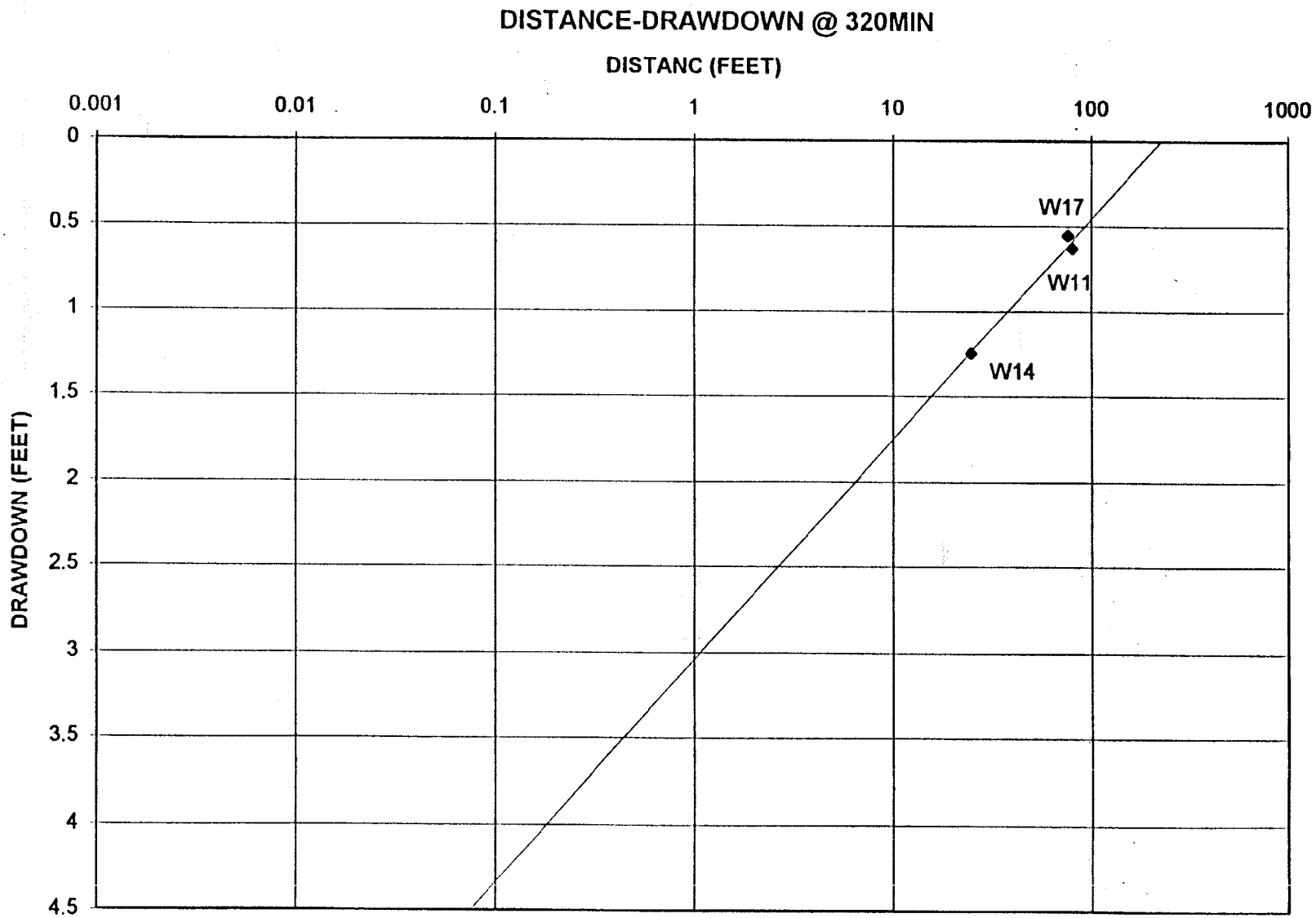
OU 4 Interim Remedial Action Treatability Study:
Pumping Test Implementation and Results
Naval Training Center
Orlando, Florida

Wells Incorporated on Each Graph	Elapsed Time (minutes)	Coefficient of Transmissivity (ft^2/day)
Intermediate Observation Wells OLD-13-OW1 (P1) OLD-13-OW2 (P2) OLD-13-OW3 (P3) OLD-13-OW4 (P4) OLD-13-OW5 (P5)	320	1.89×10^3
Deep Monitoring Wells OLD-13-11C OLD-13-14C OLD-13-17C	320	2.11×10^3
Dense Layer/Intermediate Monitoring Wells OLD-13-10B OLD-13-13B OLD-13-16B	320	2.39×10^3
Shallow Monitoring Wells OLD-13-09A OLD-13-12A OLD-13-15A	320	6.10×10^3
Intermediate Observation, Dense Layer/Intermediate Monitoring, Deep Monitoring Wells OLD-13-RW1 OLD-13-OW1 (P1) OLD-13-OW2 (P2) OLD-13-OW3 (P3) OLD-13-OW4 (P4) OLD-13-OW5 (P5) OLD-13-10B OLD-13-11C OLD-13-13B OLD-13-14C OLD-13-16B OLD-13-17C	320	1.52×10^4
Intermediate Observation, Dense Layer/Intermediate Monitoring, Deep Monitoring Wells OLD-13-RW1 OLD-13-OW1 (P1) OLD-13-OW2 (P2) OLD-13-OW3 (P3) OLD-13-OW4 (P4) OLD-13-OW5 (P5) OLD-13-10B OLD-13-11C OLD-13-13B OLD-13-14C OLD-13-16B OLD-13-17C	1.060	1.96×10^3

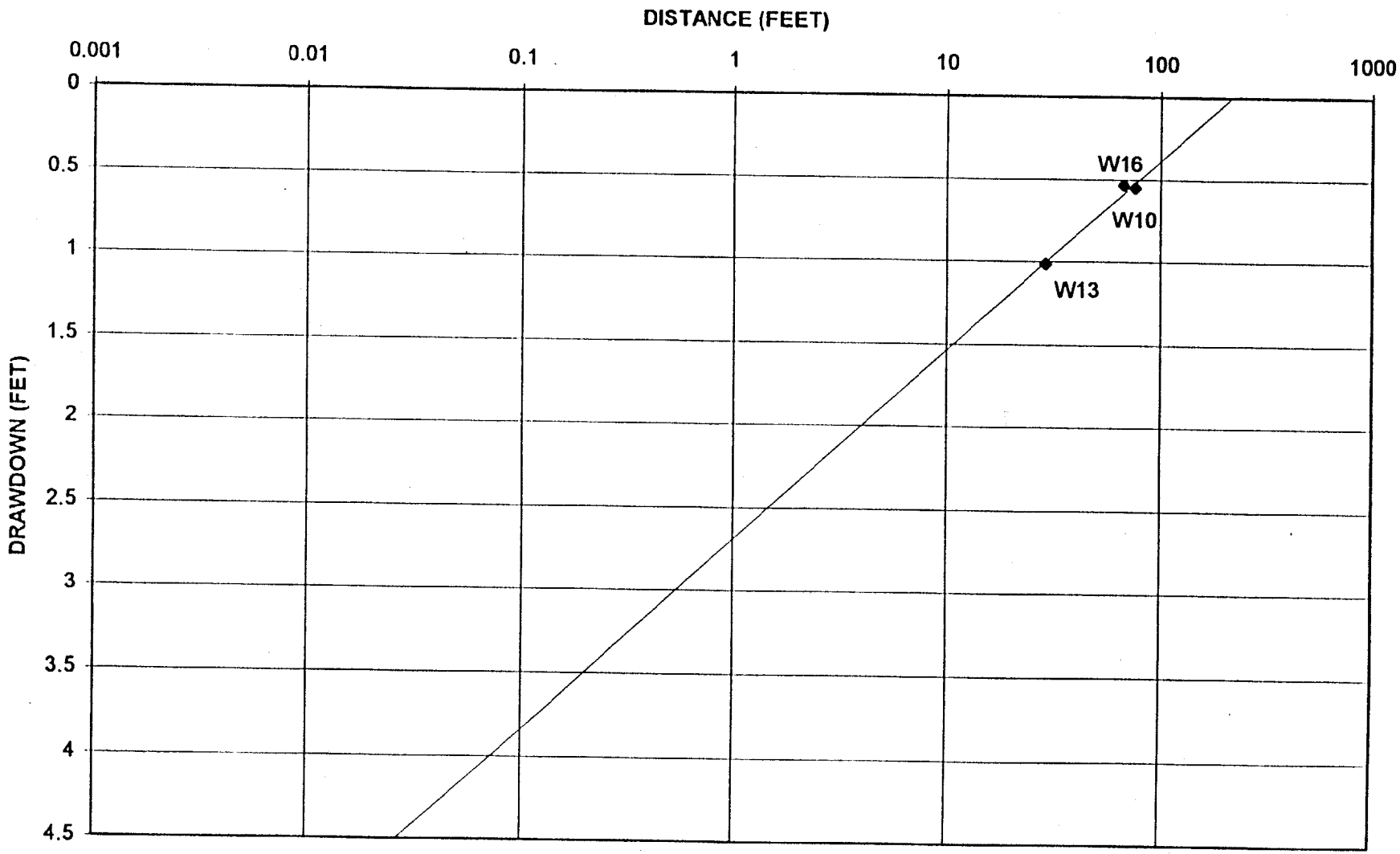
Notes: Graphs begin on following page.
ft^2/day = square feet per day.


DISTANCE-DRAWDOWN @ 320MIN
DISTANCE (FEET)
0.001
0.01
0.1
1
10
100
1000
DRAWDOWN (FEET)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
P1
P2
P3
P4
P5

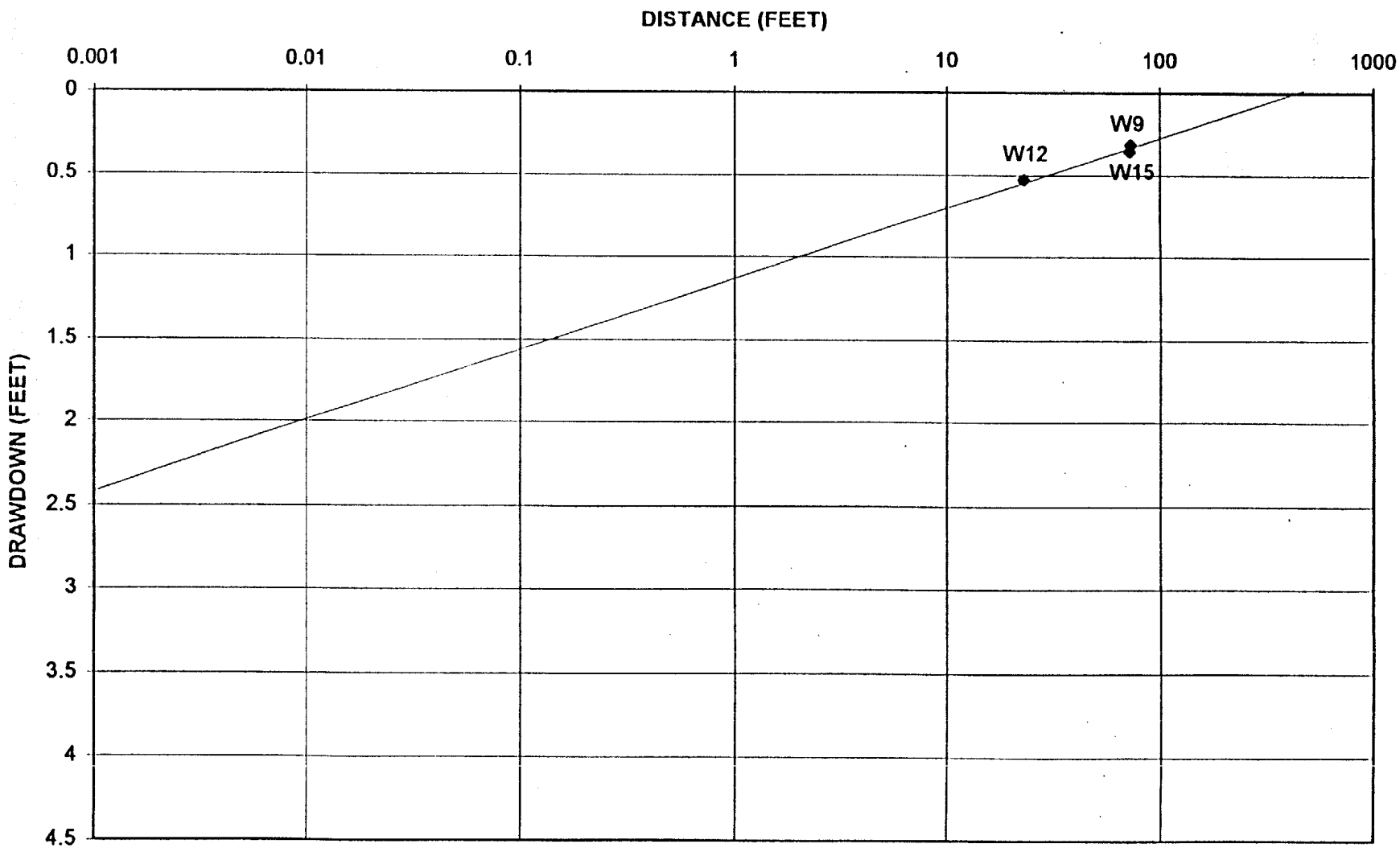

DISTANCE-DRAWDOWN @ 1060MIN.
29 AUGUST TO 30 AUGUST, 1996
DISTANCE (FEET)
0.1
1
10
100
1000
DRAWDOWN (FEET)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
W5
P5
W10
P3
W16
W17
W11
W13
P2
W14
P4
P1
RW

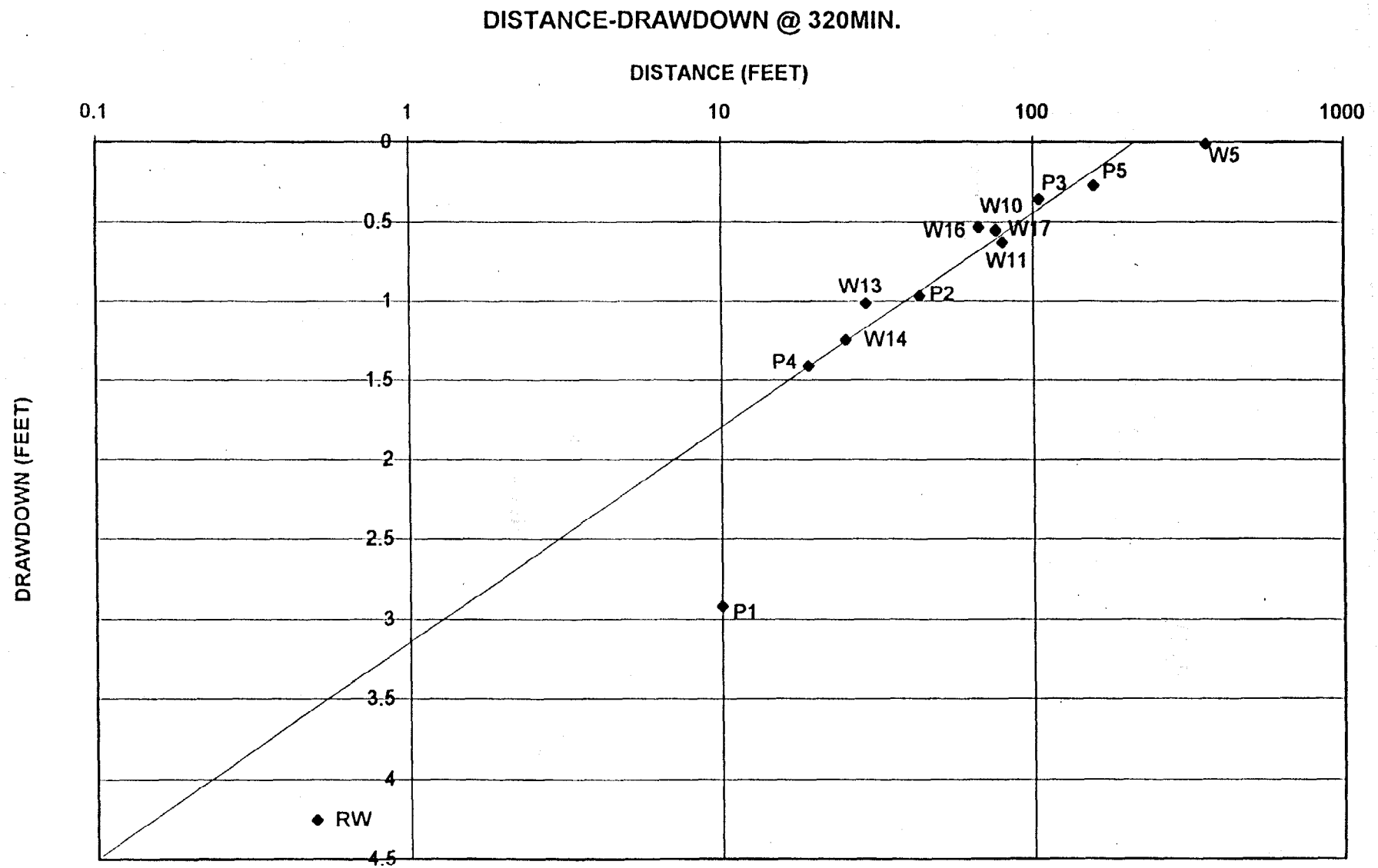

DISTANCE-DRAWDOWN @ 320MIN
DISTANC (FEET)
0.001
0.01
0.1
1
10
100
1000
DRAWDOWN (FEET)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
W17
W11
W14

DISTANCE-DRAWDOWN @ 320MIN



DISTANCE-DRAWDOWN @ 320MIN

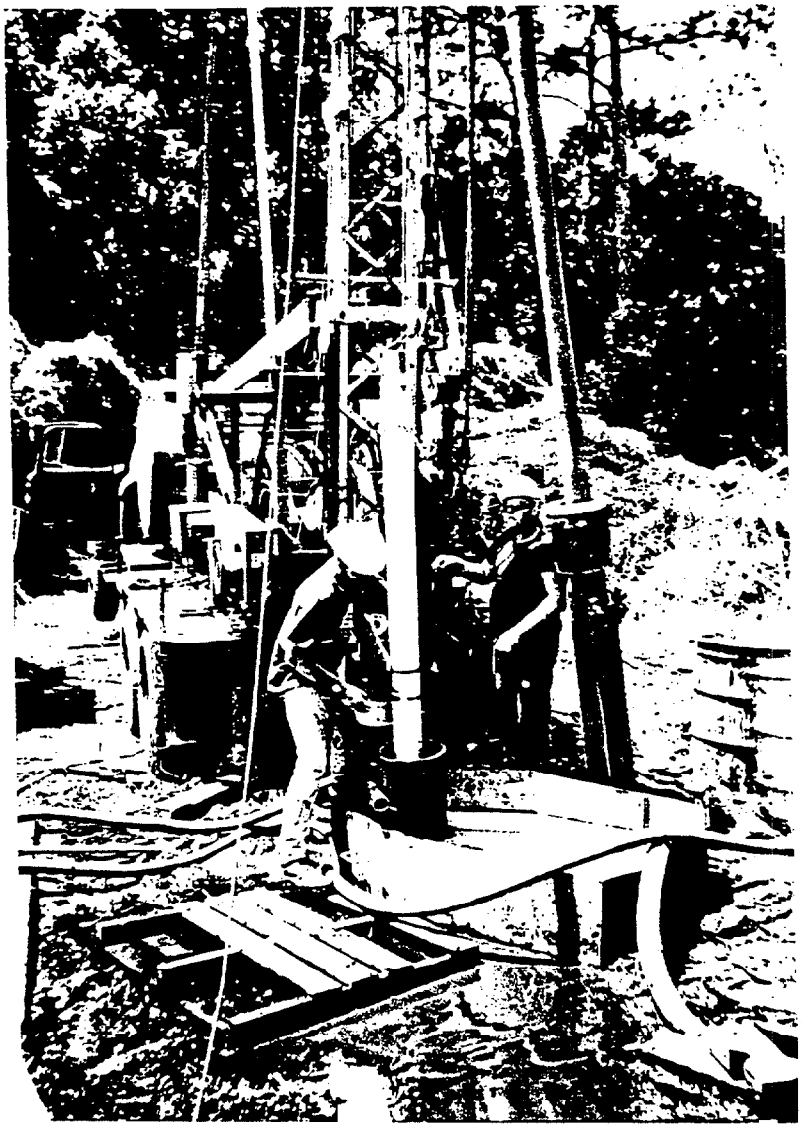



DISTANCE-DRAWDOWN @ 320MIN.
DISTANCE (FEET)
0.1
1
10
100
1000
DRAWDOWN (FEET)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
W5
P5
P3
W10
W16
W17
W11
W13
P2
W14
P4
P1
RW

ATTACHMENT K

PICTURES

Photograph 1: Installation of OLD-13-RW1 using the cable tool method of drilling.



Photograph 2: Installing 5-inch diameter stainless steel recovery well (OLD-13-RW1).

Photograph 3: General pumping test setup for OU 4 Treatability Study.

ATTACHMENT L

REFERENCES

REFERENCES

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