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Report

CAAP Contract Number DAAA09-75-C-3005

Cornhusker Army Ammunition Plant
Sampling and Analysis
DRAFT REPORT

ENVIRODYNE ENGINEERS, INC.

12161 Lackland Road

St. Louis, MO 63141

21 DECEMBER 1983

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Monitoring well	Water table depth	Detection limits
Irrigation well	Well casing	Method blank
Water supply well	Water level indicator	Spike
Deep well submersible pump	Quality control	Control chart
Centrifugal pump	Analytical methods	Control limits
		Found concentrations

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

In August of 1983, Envirodyne Engineers, Inc. (EEI) received Amendment 4 to their original contract to conduct a preliminary contamination survey of the Cornhusker Army Ammunition Plant (CAAP) in Grand Island, Nebraska. This amendment asked EEI to survey for coordinates and elevations, plot well coordinates, conduct sampling and analysis at specified on-post and off-post sites, and transmit analytical data via computer. Sample collection was completed November 1 through 3, 1983. Wells sampled included EEI-installed on-post monitoring wells and existing irrigation wells and supply wells,

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20. both within and outside the installation boundaries. These wells included 14 on-post sites consisting of 9 EEI-installed monitoring wells, 3 irrigation wells, and 2 water supply wells. The off-post sites included 41 wells: 32 pressure-hydrant, domestic use systems, 8 irrigation wells, and 1 public water supply well.

Samples were analyzed using the methods tested during the certification for the survey conducted in 1981-1982. The analytical quality control procedures for these analyses were those described in the CAAP Quality Control Plan.

DRAFT FINAL REPORT
SAMPLING AND ANALYSIS

Amendment 4 to Cornhusker Army
Ammunition Plant Contamination
Survey (Contract 6907)

Mason & Hanger-Silas Mason Co., Inc.
Cornhusker Army Ammunition Plant
Grand Island, Nebraska

Contract No. DAAA09-80-C-3005

Envirodyne Engineers, Inc.
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1748

December, 1983

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CHAPTER 1

INTRODUCTION

In August of 1983, Envirodyne Engineers, Inc. received Amendment 4 to their original contract to conduct a preliminary contamination survey of the Cornhusker Army Ammunition Plant (CAAP) in Grand Island, Nebraska. This amendment asked Envirodyne to conduct sampling at both on-post and off-post sites. These samples were then to be analyzed in Envirodyne's laboratory.

The objective of this report is to provide written documentation of the procedures and results of this additional sampling and analysis.

CHAPTER 2

FIELD SAMPLING AND ANALYSIS

SAMPLING LOCATIONS AND DESCRIPTIONS

Groundwater sample collection for analysis was completed by EEI from November 1 through 3, 1983. Wells sampled included EEI-installed, on-post monitoring wells, and existing irrigation wells and supply wells, both within and outside the installation boundaries. These wells included 14 on-post sites consisting of 9 EEI-installed monitoring wells, 3 irrigation wells, and 2 water supply wells. The off-post sites included 41 wells: 32 pressure-hydrant, domestic use systems, 8 irrigation wells, and one public water supply well. A total of 55 wells were sampled. The locations of these wells are shown on the following figures: Figure 1 shows the location of CAAP and vicinity with the sample points indicated; Figure 2 shows the on-post irrigation/supply wells; and Figure 3 shows the off-post irrigation/domestic supply wells.

The EEI-installed monitoring wells sampled were shallow wells (average depth of 34 feet) of solvent welded 4-inch PVC pipe construction. The CAAP Geotechnical Report[1] contains additional information regarding the specific construction details. Construction details of the remaining USATHAMA-designated well sites are not fully available. Additional data on well depths were obtained from the previous EEI report on sampling and analysis at CAAP[2].

The 9 EEI-installed monitoring wells were sampled using a deep well submersible pump. A 4-inch diameter, 35 gallons per minute (gpm) model was used. As prescribed in the original contract specifications, these wells were purged of 5 times the standing volume of water in the borehole prior to taking the sample. The samples were collected directly from the discharge hose of the pump into two amber quart jars. The sample containers were rinsed several times with sample water prior to collection.

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[1] Cornhusker Army Ammunition Plant Geotechnical Report, Report No. DRXTH-AS-CR-82140, 30 March 1982, Contract No. DAAA09-75-C-3005.

[2] Cornhusker Army Ammunition Plant, Off-Post Sampling and Analysis, Report No. DRXTH-AS-83210, 22 April 1983, Contract No. DAAA09-75-C-3005.

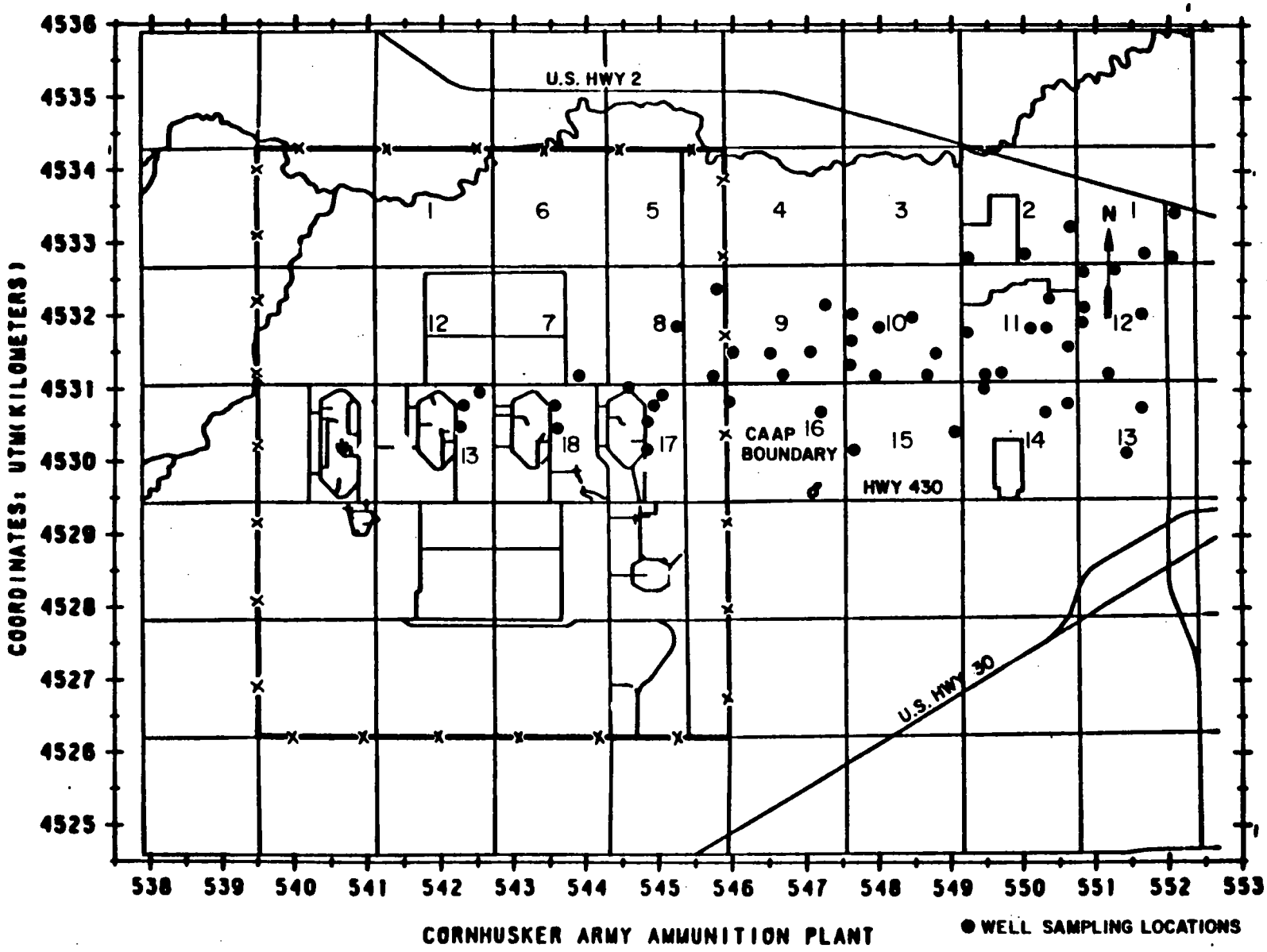

FIGURE I

-CAAP LOCATION 8 SAMPLE POINTS

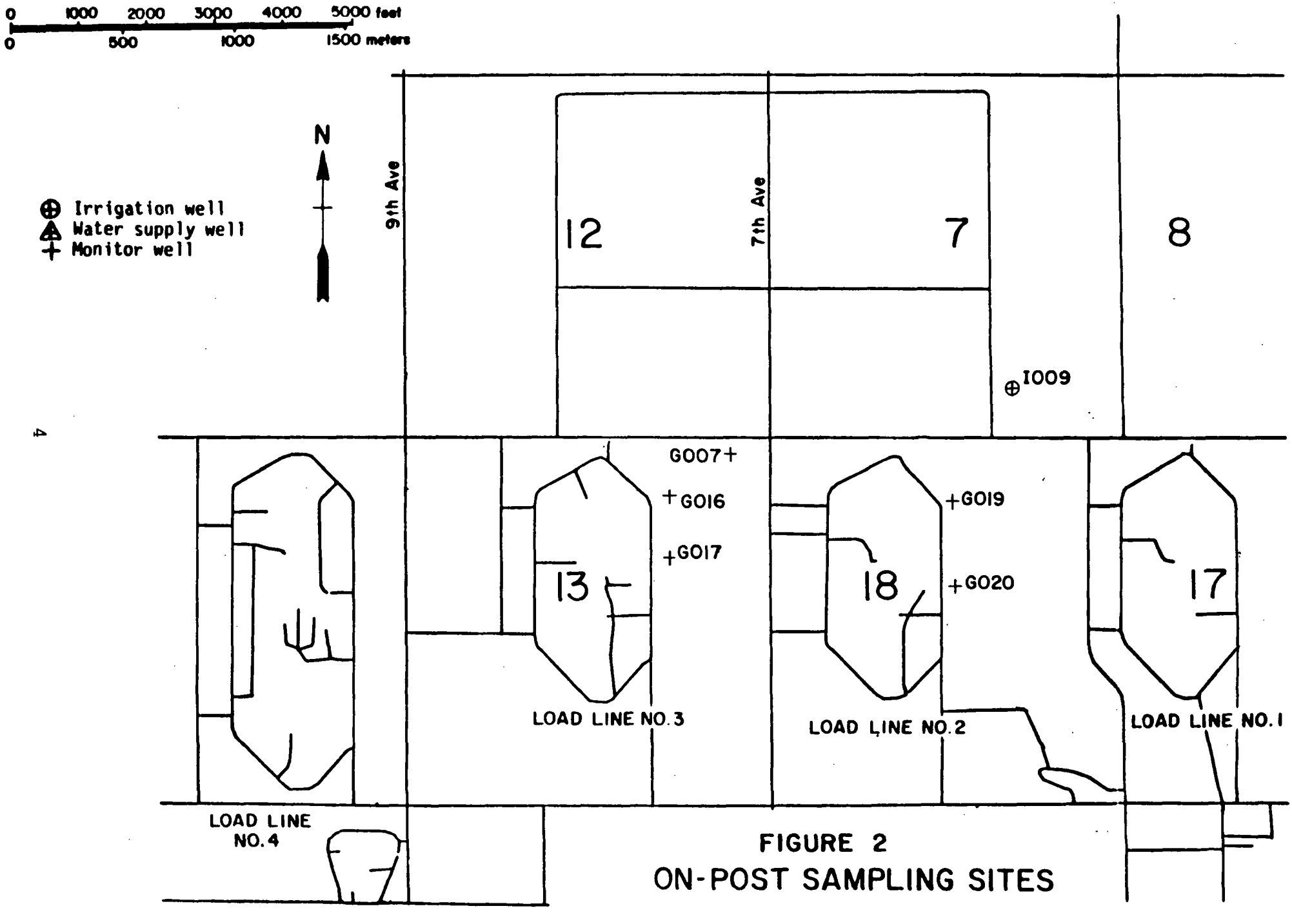

FIGURE 2
ON-POST SAMPLING SITES

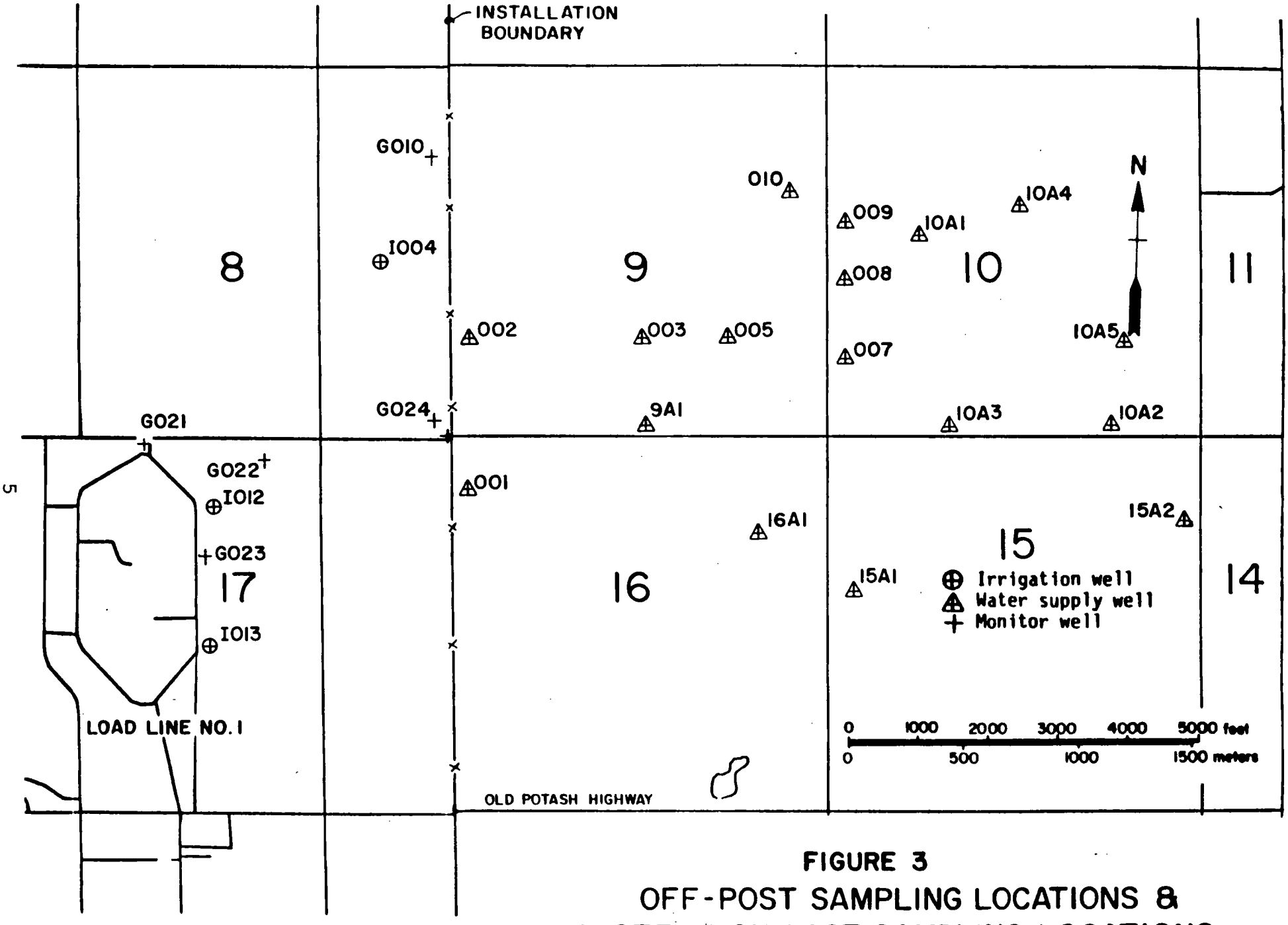

FIGURE 3
OFF-POST SAMPLING LOCATIONS &
EASTERN ON-POST SAMPLING LOCATIONS

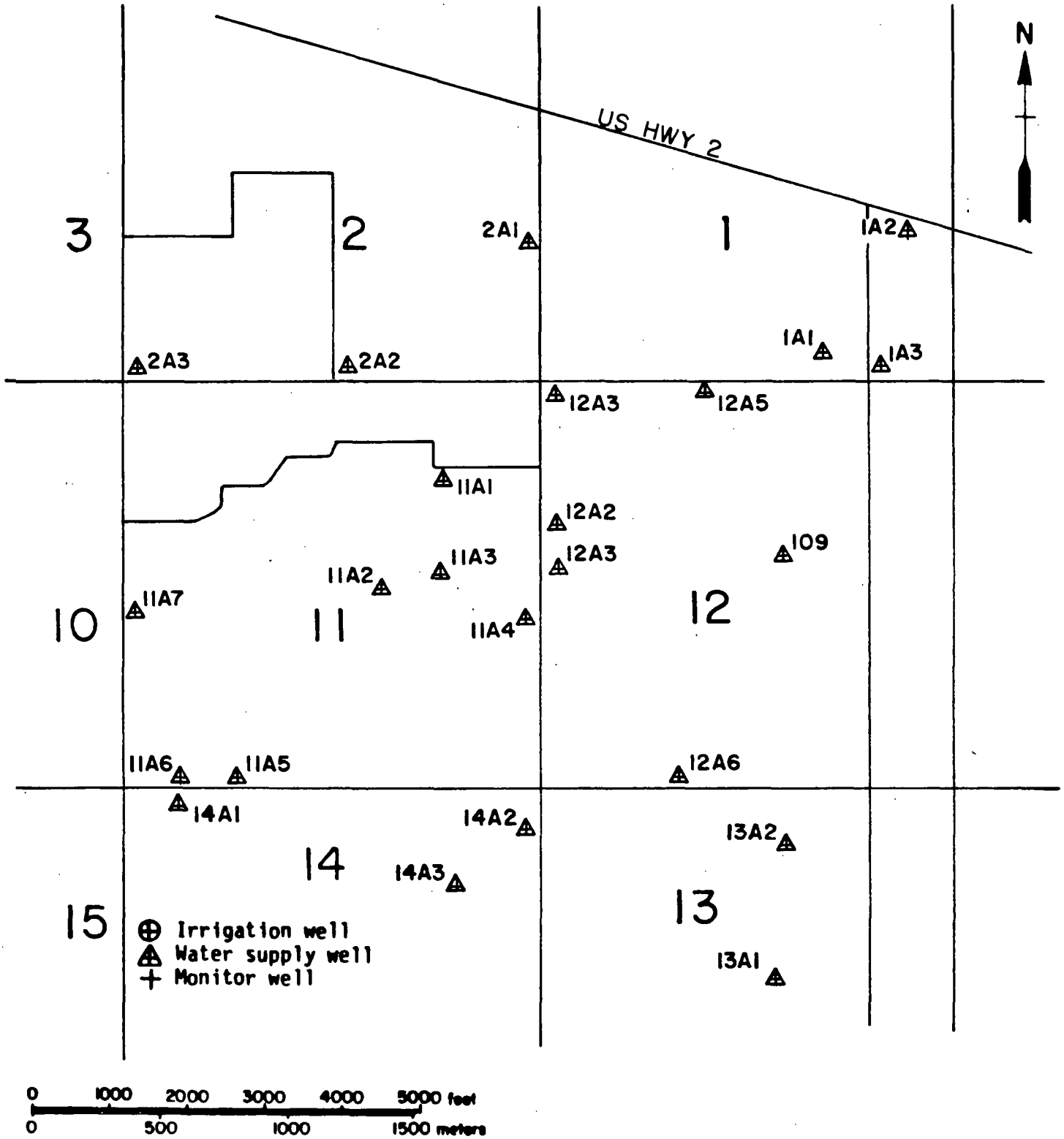

FIGURE 3 CONT'D
OFF-POST SAMPLING LOCATIONS &
EASTERN ON-POST SAMPLING LOCATIONS

The remaining 46 wells were sampled by various means depending upon the conditions of the site. These methods included using a small gasoline-powered centrifugal pump, a small electric-powered centrifugal pump, and the hydrant pressure systems of the off-post domestic supplies. Table 1 lists the wells sampled with their respective measurements, locations, and descriptions.

An attempt was made to obtain the water table depth at each irrigation well. Generally, a small port was accessible and an electronic water level indicator was lowered into the well casing to determine the depths. The domestic supply wells and plant supply wells were inaccessible to these measurements.

One irrigation well (I01.2) was pumped using a small gasoline-powered centrifugal pump (approximately 2.5 gpm) and purged for about 2 hours. The remaining on- and off-post irrigation wells were pumped using a small electric-powered centrifugal pump (approximately 3 gpm) and were purged for ten minutes. This reduced purging time complied with the time constraints dictated by the large number of wells to be sampled. The abbreviated purge time was approved by Mr. Peter Wirth of USATHAMA.

Domestic supply wells off-post were of the pressure system type. These systems were turned on and allowed to run for 10 minutes prior to sample collection to purge the supply lines. Mr. Gene Rallens of the Hall County Health Department was present to actually collect the sample. This procedure was required by the State of Nebraska and USATHAMA officials. Mr. Rallens also collected a sample from domestic sources for analysis by the County Health Department.

SAMPLE HANDLING

Upon collection, each sample was placed in a cooler and put on ice for preservation. All filtering was performed in the EEI laboratory upon receipt of the samples. Samples were shipped to the EEI laboratory daily via air freight. A sample tracking form (Custody Transfer Form) was filled out for each shipment, listing the samples collected and shipped.

ANALYTICAL METHODS

The samples of groundwater were filtered through a 0.45 micron filter, then were extracted and analyzed using the methods tested during the certification for the survey conducted in 1981-1982. These methods were presented in the Quality Control Plan[3]. A summary of the methods is presented as follows.

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[3] Cornhusker Army Ammunition Plant Quality Control Plan, 1982, Contract DAAA09-75-C-3005.

TABLE 1

SUMMARY OF GROUNDWATER SAMPLING

Well #	Sec. #	Location		Water Level* (ft/cm)	Depth of Casing	Type of Well			Date Sampled (1983)
		On-Post	Off-Post			Mon.	Irr.	Sup.	
1A1	1		X	N/A	N/A			X	11/01
1A2	1		X	N/A	N/A			X	11/01
1A3	1		X	N/A	N/A			X	11/01
2A1	2		X	N/A	N/A			X	11/01
2A2	2		X	N/A	N/A			X	11/01
2A3	2		X	N/A	N/A			X	11/01
9A1	9		X	N/A	N/A			X	11/02
002	9		X	N/A	60.0			X	11/02
003	9		X	N/A	60.0			X	11/02
005	9		X	N/A	N/A		X		11/01
010	9		X	N/A	N/A			X	11/02
10A1	10		X	10.5/318.8	N/A		X		11/02
10A2	10		X	N/A	N/A			X	11/02
10A3	10		X	N/A	N/A			X	11/02
007	10		X	N/A	N/A			X	11/02
008	10		X	10.3/313.7	N/A		X		11/02
009	10		X	N/A	60.0			X	11/02
10A4	10		X	8.5/259.1	N/A		X		11/02
10A5	10		X	8.2/251.5	N/A		X		11/02
11A1	11		X	N/A	N/A			X	11/02
11A2	11		X	N/A	N/A			X	11/02
11A3	11		X	N/A	N/A			X	11/02
11A4	11		X	N/A	N/A			X	11/02
11A5	11		X	N/A	N/A			X	11/02
11A6	11		X	N/A	N/A			X	11/02
11A7	11		X	N/A	N/A			X	11/02
12A1	12		X	N/A	N/A			X	11/03
12A2	12		X	N/A	N/A			X	11/03
12A3	12		X	N/A	N/A			X	11/03
12A5	12		X	N/A	N/A			X	11/02
12A6	12		X	N/A	N/A			X	11/02
109	12		X	N/A	N/A		X		11/01
13A1	13		X	N/A	N/A			X	11/01
13A2	13		X	N/A	N/A		X		11/01
14A1	14		X	N/A	N/A			X	11/01
14A2	14		X	N/A	N/A			X	11/01
14A3	14		X	N/A	N/A			X	11/01
15A1	15		X	N/A	N/A			X	11/01
15A2	15		X	N/A	N/A			X	11/01
001	16		X	N/A	60.0			X	11/01
16A1	16		X	10.4/317.5	N/A		X		11/01

TABLE 1

SUMMARY OF GROUNDWATER SAMPLING
(Continued)

Well #	Sec. #	Location On-Post	Location Off-Post	Water Level* (ft/cm)	Depth of Casing	Type of Well Mon.	Type of Well Irr.	Type of Well Sup.	Date Sampled (1983)
G021	17	X		11.9/361.9	36.34	X			11/03
G022	17	X		11.7/356.8	35.0	X			11/03
G023	17	X		12.9/395.0	35.83	X			11/03
I012	17	X		N/A	N/A		X		11/01
G016	W13	X		15.4/457.2	32.0	X			11/03
G017	W13	X		14.2/434.3	33.92	X			11/03
G024	8	X		11.4/335.3	33.0	X			11/02
G019	18	X		14.5/440.7	35.8	X			11/03
G020	18	X		16.0/487.7	34.69	X			11/03
I013	17	X		N/A	N/A		X		11/01
I004	8	X		11.5/137.5	61.0		X		11/02
S007	W13	X		N/A	N/A			X	11/02
G010	8	X		8.5/102.5	30.5	X			11/03
I009	7	X		18.5/565.1	N/A			X	11/02

*From Ground Level

Analyte	USATHAMA Method Code
RDX	3S
Nitrobenzene (NB) 2,4-dinitrotoluene (2,4-DNT) 2,6-dinitrotoluene (2,6-DNT) 1,3-dinitrobenzene (1,3-DNB) 1,3,5-trinitrobenzene (1,3,5-TNB) 2,4,6-trinitrotoluene (2,4,6-TNT)	6N

QUALITY CONTROL

The quality control procedures for these analyses are those described in the CAAP Quality Control Plan and summarized below:

- One method blank analyzed with each lot of samples
- Initial instrument calibration with three standards including two calibration standards during each day of analysis
- One control spike (5DL) analyzed with each lot; this was prepared by adding the analytes of interest to background well water:

Analyte	Control Spike (μg/l)
RDX	50
NB 2,6-DNT 1,3-DNB 1,3,5-TNB 2,4,6-TNT	5
2,4-DNT	2.5

For purposes of determining whether an analysis was in control, the result for the control spike (see Table 2) was compared to a table of control limits for each analyte. These control limits were calculated using data from previous CAAP surveys. Data from the 1981-1982 survey and acceptable data from the spring 1983 survey were converted to percent recoveries and compiled to produce a mean percent recovery for each analyte. Percent recovery was used rather than found concentrations because of small variations in the spike levels. The control limits were then established at $\pm$ three standard deviations of the mean. Table 3 contains these data.

TABLE 2

FOUND CONCENTRATIONS OF CONTROL SPIKES[a]

NITROAROMATICS

Analyte	Spike Level Lot A	CAA	Spike Level Lots B-F	CAB	CAC	CAD	CAE	CAF
NB	5.33	3.47	5.01	3.04	3.65	3.42	3.40	3.79
1,3-DNB	5.18	3.80	4.97	3.05	3.18	3.04	3.57	4.17
2,6-DNT	5.00	4.04	5.00	3.25	3.65	3.50	3.82	4.17
2,4-DNT	5.51	2.01	2.53	1.56	1.60	1.61	1.79	1.93
1,3,5-TNB	5.97	3.16	5.01	3.32	2.72	3.00	3.44	3.93
2,4,6-TNT	5.63	3.53	4.95	3.46	3.06	3.27	3.47	3.95

RDX

Analyte	Spike Level	CAG	CAH	CAI	CAJ	CAK
RDX	51	53	52	50	52	52

[a]All values are µg/l. Values are not corrected for accuracy.

TABLE 3

CONTROL LIMITS[a]

Analyte	Mean (%)	Range $\pm 3\sigma$ (%)
NB	81.0	-10.2 - 172
1,3-DNB	79.7	-42.6 - 202
2,6-DNT	90.9	36.5 - 145
2,4-DNT	96.5	31.1 - 162
1,3,5-TNB	90.4	8.9 - 172
2,4,6-TNT	89.9	26.8 - 153
RDX	98.0	57.8 - 138

[a]Values are percent recovery. The mean percent recoveries presented represent the average percent recovery of data generated during the 1981-1982 survey and acceptable data from the spring 1983 survey.

After each lot was analyzed, the found concentration of the control spike was compared to the control data to determine if it was in control. The result was then pooled with the previous data and the mean and range were updated. These data, as well as control charts, are presented in Appendix D.

The accuracy values were updated for each lot by adding the new control spike to the previously accumulated data. The precision values were updated in the same manner.

ANALYTICAL RESULTS

Data Reporting

The analytical data for the well water samples are summarized in Appendix A by site identification, in Appendix B by test identification, and in Appendix C by lot number. These are corrected concentration values calculated by dividing the found concentration by the accuracy (slope of the Hubaux and Vos[4] linear regression line). All results were corrected; if the corrected result was below the Hubaux and Vos detection level, it was reported as less than the detection limit. Otherwise, the corrected value was reported. A summary of positive results is included as Table 4.

Detection Limits/Positive Results

Detection limits for quantitative analyses were previously determined in standard water and calculated by the Hubaux and Vos method. These limits are shown in Table 5.

Appendices A, B, and C contain the data for all samples, method blanks and control spikes. Most of the samples did not contain detectable levels of the analytes of concern. The samples which did show a positive concentration (above the Hubaux and Vos detection limit) of one or more analytes are listed in Table 4.

Reanalyses

Several samples necessitated diluting and re-analyzing because the concentration of 1,3,5-TNB or 2,4,6-TNT was greater than the concentration of the highest standard or because of the presence of interferences which precluded accurate quantification

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[4] "Decision and Detection Limits for Linear Calibration Curves" by Andre Hubaux and Gilbert Vos, Analytical Chemistry, Vol 42, No. 8, July 1970, pp. 849-855.

TABLE 4

SUMMARY OF POSITIVE RESULTS[a]

Well	2,4-DNT	1,3,5-TNB	2,4,6-TNT	RDX
Monitoring Wells:				
G016	2.59			
G017		10.8	16.2	116
G020		4.19		
G021				81.5
G022			9.29	23.2
G023		119	929	96.2
G024			11.7	171
Irrigation Wells:				
10A1				96.2
Off-Post Wells:				
001				43.8
003	6.77	44.3	190	124
005				105
008				153
Private Water Supply Wells:				
09A1	6.89	70.1	279	174
11A1				21.8
11A6				119
11A7				21.2

[a]Values listed are all those found above the Hubaux and Vos detection limits and are μg/l.

TABLE 5

HUBAUX AND VOS DETECTION LIMITS

	Water (μg/l)
Nitrobenzene	4.8
2,4-DNT	1.9
2,6-DNT	4.2
1,3-DNB	3.9
1,3,5-DNB	3.5
2,4,6-TNT	3.5
RDX	16.0

of these analytes. Two calibration standards and a blank were analyzed with samples run on 83328; calibration standards, a blank and a control were analyzed with samples run on 83335.

APPENDIX A

CHEMICAL ANALYSIS RESULTS BY SITE IDENTIFICATION

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83322	EE	CAH002	RDX	3S		4.38	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83322	EE	CAH003	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	003	-0	P	83333	EE	CAB008	135TNB	6N		4.43	+01	UGL	1.13	1.50	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83325	EE	CAB008	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83333	EE	CAB008	246TNT	6N		1.90	+02	UGL	1.12	.130	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83325	EE	CAB008	24DNT	6N		6.77	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83325	EE	CAB008	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83325	EE	CAB008	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83322	EE	CAH005	RDX	3S		1.24	+02	UGL	.868	.059	02	MHO
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83322	EE	CAG006	RDX	3S		1.05	+02	UGL	.865	.059	02	MHO
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83322	EE	CAH006	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83326	EE	CAI003	RDX	3S		1.53	+02	UGL	.869	.116	02	MHO
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83322	EE	CAH009	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83322	EE	CAH010	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83322	EE	CAG011	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83322	EE	CAG009	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83322	EE	CAH001	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83322	EE	CAG010	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83322	EE	CAG012	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83322	EE	CAG013	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83306	PR1	WELL	09A1	-0	P	83333	EE	CAB007	135TNB	6N		7.01	+01	UGL	1.13	1.50	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83325	EE	CAB007	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83333	EE	CAB007	246TNT	6N		2.79	+02	UGL	1.12	.130	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83333	EE	CAB007	24DNT	6N		6.89	+00	UGL	1.03	8.19	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83325	EE	CAB007	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83325	EE	CAB007	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83326	EE	CAH004	RDX	3S		1.74	+02	UGL	.868	.118	02	MHO
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83322	EE	CAG003	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83322	EE	CAI006	RDX	3S		9.62	+01	UGL	.869	.582	02	MHO
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83322	EE	CAH013	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83322	EE	CAH012	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83322	EE	CAI007	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83325	EE	CAK014	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83325	EE	CAK008	RDX	3S		2.18	+01	UGL	.873	.574	02	MHO
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	11A2	-0	P	83322	EE	CAJ003	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83326	EE	CAK007	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83325	EE	CAK006	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83322	EE	CAI002	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83326	EE	CAJ010	RDX	3S		1.19	+02	UGL	.871	.116	02	MHO
COSACGW	83306	PR1	WELL	11A7	-0	P	83335	EE	CAD011	135TNB	6N	LT	3.5	+00	UGL	1.12	6.00	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83328	EE	CAD011	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83335	EE	CAD011	246TNT	6N	LT	3.5	+00	UGL	1.12	5.20	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83328	EE	CAD011	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83328	EE	CAD011	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83328	EE	CAD011	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83325	EE	CAJ011	RDX	3S		2.12	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83325	EE	CAK009	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83325	EE	CAK010	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83325	EE	CAK011	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83325	EE	CAK012	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83322	EE	CAI001	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83322	EE	CAG004	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83322	EE	CAG008	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83325	EE	CAJ009	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83325	EE	CAJ008	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83322	EE	CAJ004	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83322	EE	CAH011	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83325	EE	CAJ007	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83322	EE	CAI008	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83325	EE	CAK013	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	24DNT	6N		2.59	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83325	EE	CAK004	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	G0017	-0	P	83333	EE	CAE007	135TNB	6N		1.08	+01	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83328	EE	CAE007	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83333	EE	CAE007	246TNT	6N		1.62	+01	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83328	EE	CAE007	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83328	EE	CAE007	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83328	EE	CAE007	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83325	EE	CAK005	RDX	3S		1.16	+02	UGL	.873	.057	02	MHO
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83325	EE	CAK015	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	135TNB	6N		4.19	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83325	EE	CAJ014	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83325	EE	CAJ013	RDX	3S		8.15	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	G0022	-0	P	83335	EE	CAD012	135TNB	6N	LT	3.5	+00	UGL	1.12	6.00	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83328	EE	CAD012	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83333	EE	CAD012	246TNT	6N		9.29	+00	UGL	1.12	13.0	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83328	EE	CAD012	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83328	EE	CAD012	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83328	EE	CAD012	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83325	EE	CAJ012	RDX	3S		2.32	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	G0023	-0	P	83333	EE	CAE005	135TNB	6N		1.19	+02	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83328	EE	CAE005	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83333	EE	CAE005	246TNT	6N		9.29	+02	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83328	EE	CAE005	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83328	EE	CAE005	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83328	EE	CAE005	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83325	EE	CAK003	RDX	3S		9.62	+01	UGL	.873	.574	02	MHO
COSACGW	83306	PR1	WELL	G0024	-0	P	83335	EE	CAD004	135TNB	6N	LT	3.5	+00	UGL	1.12	6.00	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83327	EE	CAD004	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83333	EE	CAD004	246TNT	6N		1.17	+01	UGL	1.12	1.30	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83327	EE	CAD004	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83327	EE	CAD004	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83327	EE	CAD004	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83326	EE	CAJ002	RDX	3S		1.71	+02	UGL	.871	.116	02	MHO
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83325	EE	CAJ001	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83322	EE	CAI010	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83322	EE	CAG007	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83322	EE	CAG005	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83322	EE	CAI009	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83306	PR1	QCBL	B007+0.000	-0	P	83335	EE	CAB007	135TNB	6N		5.90	+01	UGL	1.12	7.50	01	SBP
COSACGW	83306	PR1	QCBL	B007+0.000	-0	P	83335	EE	CAB007	246TNT	6N		2.58	+02	UGL	1.12	.650	01	SBP
COSACGW	83307	PR1	QCBL	D012+0.000	-0	P	83335	EE	CAD012	246TNT	6N		6.55	+00	UGL	1.12	5.20	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T E	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83335	PR1	QCMB	D001+0.000	-0	P	83335	EE	CAD001	135TNB	6N	LT	3.5	+00	UGL	1.12	1.50	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83335	PR1	QCMB	D001+0.000	-0	P	83335	EE	CAD001	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83322	PR1	QCMB	G001+0.000	-0		83322	EE	CAG001	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83322	PR1	QCMB	H007+0.000	-0		83322	EE	CAH007	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83322	PR1	QCMB	I004+0.000	-0		83322	EE	CAI004	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83325	PR1	QCMB	J006+0.000	-0		83325	EE	CAJ006	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83325	PR1	QCMB	K002+0.000	-0		83325	EE	CAK002	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83326	PR1	QCSP	A001+5.000	-0		83326	EE	CAA002	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.180	-0		83326	EE	CAA002	13DNB	6N		3.98	+00	UGL	.954	1.76	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.330	-0		83326	EE	CAA002	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83326	PR1	QCSP	A001+5.510	-0		83326	EE	CAA002	24DNT	6N		1.93	+00	UGL	1.05	.816	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.630	-0		83326	EE	CAA002	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.974	-0		83326	EE	CAA002	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83325	PR1	QCSP	B001+2.530	-0		83325	EE	CAB002	24DNT	6N		2.31	+00	UGL	1.04	.819	01	SBP
COSACGW	83325	PR1	QCSP	B001+4.950	-0		83325	EE	CAB002	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83325	PR1	QCSP	B001+4.970	-0		83325	EE	CAB002	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83325	PR1	QCSP	B001+5.000	-0		83325	EE	CAB002	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83325	PR1	QCSP	B001+5.010	-0		83325	EE	CAB002	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83325	PR1	QCSP	B001+5.010	-0		83325	EE	CAB002	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83327	PR1	QCSP	C001+2.530	-0		83327	EE	CAC002	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83327	PR1	QCSP	C001+4.950	-0		83327	EE	CAC002	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83327	PR1	QCSP	C001+4.970	-0		83327	EE	CAC002	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83327	PR1	QCSP	C001+5.000	-0		83327	EE	CAC002	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83327	PR1	QCSP	C001+5.010	-0		83327	EE	CAC002	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83327	PR1	QCSP	C001+5.010	-0		83327	EE	CAC002	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83327	PR1	QCSP	D001+2.530	-0		83327	EE	CAD002	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83327	PR1	QCSP	D001+4.950	-0		83327	EE	CAD002	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83327	PR1	QCSP	D001+4.970	-0		83327	EE	CAD002	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83327	PR1	QCSP	D001+5.000	-0		83327	EE	CAD002	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83327	PR1	QCSP	D001+5.010	-0		83327	EE	CAD002	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83327	PR1	QCSP	D001+5.010	-0		83327	EE	CAD002	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83328	PR1	QCSP	E001+2.530	-0		83328	EE	CAE002	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83328	PR1	QCSP	E001+4.950	-0		83328	EE	CAE002	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83328	PR1	QCSP	E001+4.970	-0		83328	EE	CAE002	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83328	PR1	QCSP	E001+5.000	-0		83328	EE	CAE002	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83328	PR1	QCSP	E001+5.010	-0		83328	EE	CAE002	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83328	PR1	QCSP	E001+5.010	-0		83328	EE	CAE002	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83328	PR1	QCSP	F001+2.530	-0		83328	EE	CAF002	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83328	PR1	QCSP	F001+4.950	-0		83328	EE	CAF002	246TNT	6N		3.53	+00	UGL	1.12	1.30	01	SBP
COSACGW	83328	PR1	QCSP	F001+4.970	-0		83328	EE	CAF002	13DNB	6N		4.46	+00	UGL	.934	1.63	01	SBP
COSACGW	83328	PR1	QCSP	F001+5.000	-0		83328	EE	CAF002	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83328	PR1	QCSP	F001+5.010	-0		83328	EE	CAF002	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83328	PR1	QCSP	F001+5.010	-0		83328	EE	CAF002	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83322	PR1	QCSP	G001+5.100	-0		83322	EE	CAG002	RDX	3S		6.13	+01	UGL	.865	.594	02	MHO
COSACGW	83322	PR1	QCSP	H007+5.100	-0		83322	EE	CAH008	RDX	3S		5.90	+01	UGL	.868	.591	02	MHO
COSACGW	83322	PR1	QCSP	I004+5.100	-0		83322	EE	CAI005	RDX	3S		5.75	+01	UGL	.869	.582	02	MHO
COSACGW	83325	PR1	QCSP	J006+5.100	-0		83325	EE	CAJ005	RDX	3S		5.95	+01	UGL	.871	.578	02	MHO
COSACGW	83325	PR1	QCSP	K002+5.100	-0		83325	EE	CAK001	RDX	3S		5.96	+01	UGL	.873	.574	02	MHO

APPENDIX B

CHEMICAL ANALYSIS RESULTS BY TEST NAME

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83333	EE	CAB008	135TNB	6N		4.43	+01	UGL	1.13	1.50	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83333	EE	CAB007	135TNB	6N		7.01	+01	UGL	1.13	1.50	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83335	EE	CAD011	135TNB	6N	LT	3.5	+00	UGL	1.12	6.00	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83333	EE	CAE007	135TNB	6N		1.08	+01	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	135TNB	6N		4.19	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83335	EE	CAD012	135TNB	6N	LT	3.5	+00	UGL	1.12	6.00	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83333	EE	CAE005	135TNB	6N		1.19	+02	UGL	1.13	1.50	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83335	EE	CAD004	135TNB	6N	LT	3.5	+00	UGL	1.12	6.00	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83325	EE	CAB008	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83325	EE	CAB007	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83328	EE	CAD011	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83328	EE	CAE007	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83328	EE	CAD012	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83328	EE	CAE005	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83327	EE	CAD004	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83333	EE	CAB008	246TNT	6N		1.90	+02	UGL	1.12	.130	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83333	EE	CAB007	246TNT	6N		2.79	+02	UGL	1.12	.130	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83335	EE	CAD011	246TNT	6N	LT	3.5	+00	UGL	1.12	5.20	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83333	EE	CAE007	246TNT	6N		1.62	+01	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83333	EE	CAD012	246TNT	6N		9.29	+00	UGL	1.12	13.0	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83333	EE	CAE005	246TNT	6N		9.29	+02	UGL	1.12	1.30	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83333	EE	CAD004	246TNT	6N		1.17	+01	UGL	1.12	1.30	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83325	EE	CAB008	24DNT	6N		6.77	+00	UGL	1.04	.819	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83333	EE	CAB007	24DNT	6N		6.89	+00	UGL	1.03	8.19	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83328	EE	CAD011	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	24DNT	6N		2.59	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83328	EE	CAE007	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83328	EE	CAD012	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83328	EE	CAE005	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83327	EE	CAD004	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83325	EE	CAB008	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83325	EE	CAB007	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83328	EE	CAD011	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83328	EE	CAE007	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83328	EE	CAD012	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83328	EE	CAE005	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83327	EE	CAD004	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83325	EE	CAB008	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83325	EE	CAB007	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83328	EE	CAD011	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83328	EE	CAE007	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83328	EE	CAD012	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83328	EE	CAE005	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83327	EE	CAD004	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83322	EE	CAH002	RDX	3S		4.38	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	002	-0	P	83322	EE	CAH003	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	003	-0	P	83322	EE	CAH005	RDX	3S		1.24	+02	UGL	.868	.059	02	MHO
COSACGW	83305	PR1	WELL	005	-0	P	83322	EE	CAG006	RDX	3S		1.05	+02	UGL	.865	.059	02	MHO
COSACGW	83306	PR1	WELL	007	-0	P	83322	EE	CAH006	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	008	-0	P	83326	EE	CAI003	RDX	3S		1.53	+02	UGL	.869	.116	02	MHO
COSACGW	83306	PR1	WELL	009	-0	P	83322	EE	CAH009	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	010	-0	P	83322	EE	CAH010	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83305	PR1	WELL	01A1	-0	P	83322	EE	CAG011	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	01A2	-0	P	83322	EE	CAG009	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	01A3	-0	P	83322	EE	CAH001	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83305	PR1	WELL	02A1	-0	P	83322	EE	CAG010	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	02A2	-0	P	83322	EE	CAG012	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	02A3	-0	P	83322	EE	CAG013	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83306	PR1	WELL	09A1	-0	P	83326	EE	CAH004	RDX	3S		1.74	+02	UGL	.868	.118	02	MHO
COSACGW	83305	PR1	WELL	109	-0	P	83322	EE	CAG003	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83306	PR1	WELL	10A1	-0	P	83322	EE	CAI006	RDX	3S		9.62	+01	UGL	.869	.582	02	MHO
COSACGW	83306	PR1	WELL	10A2	-0	P	83322	EE	CAH013	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	10A3	-0	P	83322	EE	CAH012	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	10A4	-0	P	83322	EE	CAI007	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83307	PR1	WELL	10A5	-0	P	83325	EE	CAK014	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	11A1	-0	P	83325	EE	CAK008	RDX	3S		2.18	+01	UGL	.873	.574	02	MHO
COSACGW	83306	PR1	WELL	11A2	-0	P	83322	EE	CAJ003	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	11A3	-0	P	83326	EE	CAK007	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	11A4	-0	P	83325	EE	CAK006	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83306	PR1	WELL	11A5	-0	P	83322	EE	CAI002	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83306	PR1	WELL	11A6	-0	P	83326	EE	CAJ010	RDX	3S		1.19	+02	UGL	.871	.116	02	MHO
COSACGW	83306	PR1	WELL	11A7	-0	P	83325	EE	CAJ011	RDX	3S		2.12	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	12A1	-0	P	83325	EE	CAK009	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	12A2	-0	P	83325	EE	CAK010	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83307	PR1	WELL	12A3	-0	P	83325	EE	CAK011	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	12A5	-0	P	83325	EE	CAK012	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83306	PR1	WELL	12A6	-0	P	83322	EE	CAI001	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83305	PR1	WELL	13A1	-0	P	83322	EE	CAG004	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	13A2	-0	P	83322	EE	CAG008	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83306	PR1	WELL	14A1	-0	P	83325	EE	CAJ009	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	14A2	-0	P	83325	EE	CAJ008	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	14A3	-0	P	83322	EE	CAJ004	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	15A1	-0	P	83322	EE	CAH011	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	15A2	-0	P	83325	EE	CAJ007	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	16A1	-0	P	83322	EE	CAI008	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83307	PR1	WELL	G0010	-0	P	83325	EE	CAK013	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	G0016	-0	P	83325	EE	CAK004	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	G0017	-0	P	83325	EE	CAK005	RDX	3S		1.16	+02	UGL	.873	.057	02	MHO
COSACGW	83307	PR1	WELL	G0019	-0	P	83325	EE	CAK015	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	G0020	-0	P	83325	EE	CAJ014	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	G0021	-0	P	83325	EE	CAJ013	RDX	3S		8.15	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	G0022	-0	P	83325	EE	CAJ012	RDX	3S		2.32	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	G0023	-0	P	83325	EE	CAK003	RDX	3S		9.62	+01	UGL	.873	.574	02	MHO
COSACGW	83306	PR1	WELL	G0024	-0	P	83326	EE	CAJ002	RDX	3S		1.71	+02	UGL	.871	.116	02	MHO
COSACGW	83306	PR1	WELL	I004	-0	P	83325	EE	CAJ001	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	I009	-0	P	83322	EE	CAI010	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83305	PR1	WELL	I012	-0	P	83322	EE	CAG007	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	I013	-0	P	83322	EE	CAG005	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83306	PR1	WELL	S007	-0	P	83322	EE	CAI009	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.974	-0		83326	EE	CAA002	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83325	PR1	QCSP	B001+5.010	-0		83325	EE	CAB002	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	QCBL	B007+0.000	-0	P	83335	EE	CAB007	135TNB	6N		5.90	+01	UGL	1.12	7.50	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83327	PR1	QCSP	C001+5.010	-0		83327	EE	CAC002	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83335	PR1	QCMB	D001+0.000	-0	P	83335	EE	CAD001	135TNB	6N	LT	3.5	+00	UGL	1.12	1.50	01	SBP
COSACGW	83327	PR1	QCSP	D001+5.010	-0		83327	EE	CAD002	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83328	PR1	QCSP	E001+5.010	-0		83328	EE	CAE002	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83328	PR1	QCSP	F001+5.010	-0		83328	EE	CAF002	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.180	-0		83326	EE	CAA002	13DNB	6N		3.98	+00	UGL	.954	1.76	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83325	PR1	QCSP	B001+4.970	-0		83325	EE	CAB002	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83327	PR1	QCSP	C001+4.970	-0		83327	EE	CAC002	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83327	PR1	QCSP	D001+4.970	-0		83327	EE	CAD002	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83328	PR1	QCSP	E001+4.970	-0		83328	EE	CAE002	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83328	PR1	QCSP	F001+4.970	-0		83328	EE	CAF002	13DNB	6N		4.46	+00	UGL	.934	1.63	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.630	-0		83326	EE	CAA002	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83325	PR1	QCSP	B001+4.950	-0		83325	EE	CAB002	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	QCBL	B007+0.000	-0	P	83335	EE	CAB007	246TNT	6N		2.58	+02	UGL	1.12	.650	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83327	PR1	QCSP	C001+4.950	-0		83327	EE	CAC002	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83335	PR1	QCMB	D001+0.000	-0	P	83335	EE	CAD001	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83327	PR1	QCSP	D001+4.950	-0		83327	EE	CAD002	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83307	PR1	QCBL	D012+0.000	-0	P	83335	EE	CAD012	246TNT	6N		6.55	+00	UGL	1.12	5.20	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83328	PR1	QCSP	E001+4.950	-0		83328	EE	CAE002	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83328	PR1	QCSP	F001+4.950	-0		83328	EE	CAF002	246TNT	6N		3.53	+00	UGL	1.12	1.30	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.510	-0		83326	EE	CAA002	24DNT	6N		1.93	+00	UGL	1.05	.816	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83325	PR1	QCSP	B001+2.530	-0		83325	EE	CAB002	24DNT	6N		2.31	+00	UGL	1.04	.819	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83327	PR1	QCSP	C001+2.530	-0		83327	EE	CAC002	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83327	PR1	QCSP	D001+2.530	-0		83327	EE	CAD002	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83328	PR1	QCSP	E001+2.530	-0		83328	EE	CAE002	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83328	PR1	QCSP	F001+2.530	-0		83328	EE	CAF002	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.000	-0		83326	EE	CAA002	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83325	PR1	QCSP	B001+5.000	-0		83325	EE	CAB002	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83327	PR1	QCSP	C001+5.000	-0		83327	EE	CAC002	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83327	PR1	QCSP	D001+5.000	-0		83327	EE	CAD002	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83328	PR1	QCSP	E001+5.000	-0		83328	EE	CAE002	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83328	PR1	QCSP	F001+5.000	-0		83328	EE	CAF002	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.330	-0		83326	EE	CAA002	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83325	PR1	QCSP	B001+5.010	-0		83325	EE	CAB002	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83327	PR1	QCSP	C001+5.010	-0		83327	EE	CAC002	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83327	PR1	QCSP	D001+5.010	-0		83327	EE	CAD002	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83328	PR1	QCSP	E001+5.010	-0		83328	EE	CAE002	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83328	PR1	QCSP	F001+5.010	-0		83328	EE	CAF002	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83322	PR1	QCMB	G001+0.000	-0		83322	EE	CAG001	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83322	PR1	QCSP	G001+5.100	-0		83322	EE	CAG002	RDX	3S		6.13	+01	UGL	.865	.594	02	MHO
COSACGW	83322	PR1	QCMB	H007+0.000	-0		83322	EE	CAH007	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83322	PR1	QCSP	H007+5.100	-0		83322	EE	CAH008	RDX	3S		5.90	+01	UGL	.868	.591	02	MHO
COSACGW	83322	PR1	QCMB	I004+0.000	-0		83322	EE	CAI004	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83322	PR1	QCSP	I004+5.100	-0		83322	EE	CAI005	RDX	3S		5.75	+01	UGL	.869	.582	02	MHO
COSACGW	83325	PR1	QCMB	J006+0.000	-0		83325	EE	CAJ006	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83325	PR1	QCSP	J006+5.100	-0		83325	EE	CAJ005	RDX	3S		5.95	+01	UGL	.871	.578	02	MHO
COSACGW	83325	PR1	QCMB	K002+0.000	-0		83325	EE	CAK002	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83325	PR1	QCSP	K002+5.100	-0		83325	EE	CAK001	RDX	3S		5.96	+01	UGL	.873	.574	02	MHO

APPENDIX C

CHEMICAL ANALYSIS RESULTS BY LOT NUMBER

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.974	-0		83326	EE	CAA002	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	135TNB	6N	LT	3.5	+00	UGL	1.15	1.44	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.180	-0		83326	EE	CAA002	13DNB	6N		3.98	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	13DNB	6N	LT	3.9	+00	UGL	.954	1.76	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.630	-0		83326	EE	CAA002	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	246TNT	6N	LT	3.5	+00	UGL	1.14	1.25	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.510	-0		83326	EE	CAA002	24DNT	6N		1.93	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	24DNT	6N	LT	1.9	+00	UGL	1.05	.816	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.000	-0		83326	EE	CAA002	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	26DNT	6N	LT	4.2	+00	UGL	1.09	1.27	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83326	EE	CAA006	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	01A1	-0	P	83326	EE	CAA011	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	01A2	-0	P	83326	EE	CAA009	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	02A1	-0	P	83326	EE	CAA010	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	02A2	-0	P	83326	EE	CAA012	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	109	-0	P	83326	EE	CAA003	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	13A1	-0	P	83326	EE	CAA004	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	13A2	-0	P	83326	EE	CAA008	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83326	PR1	QCMB	A001+0.000	-0		83326	EE	CAA001	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83326	PR1	QCSP	A001+5.330	-0		83326	EE	CAA002	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	I012	-0	P	83326	EE	CAA007	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83305	PR1	WELL	I013	-0	P	83326	EE	CAA005	NB	6N	LT	4.8	+00	UGL	.906	1.39	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83333	EE	CAB008	135TNB	6N		4.43	+01	UGL	1.13	1.50	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	09A1	-0	P	83333	EE	CAB007	135TNB	6N		7.01	+01	UGL	1.13	1.50	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83325	PR1	QCSP	B001+5.010	-0		83325	EE	CAB002	135TNB	6N	LT	3.5	+00	UGL	1.14	1.45	01	SBP
COSACGW	83306	PR1	QCBL	B007+0.000	-0	P	83335	EE	CAB007	135TNB	6N		5.90	+01	UGL	1.12	7.50	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83325	EE	CAB008	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83325	EE	CAB007	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83325	PR1	QCSP	B001+4.970	-0		83325	EE	CAB002	13DNB	6N	LT	3.9	+00	UGL	.947	1.74	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83333	EE	CAB008	246TNT	6N		1.90	+02	UGL	1.12	.130	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83333	EE	CAB007	246TNT	6N		2.79	+02	UGL	1.12	.130	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83325	PR1	QCSP	B001+4.950	-0		83325	EE	CAB002	246TNT	6N	LT	3.5	+00	UGL	1.13	1.26	01	SBP
COSACGW	83306	PR1	QCBL	B007+0.000	-0	P	83335	EE	CAB007	246TNT	6N		2.58	+02	UGL	1.12	.650	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83325	EE	CAB008	24DNT	6N		6.77	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83333	EE	CAB007	24DNT	6N		6.89	+00	UGL	1.03	8.19	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	24DNT	6N	LT	1.9	+00	UGL	1.04	.819	01	SBP
COSACGW	83325	PR1	QCSP	B001+2.530	-0		83325	EE	CAB002	24DNT	6N		2.31	+00	UGL	1.04	.819	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83325	EE	CAB008	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83325	EE	CAB007	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83325	PR1	QCSP	B001+5.000	-0		83325	EE	CAB002	26DNT	6N	LT	4.2	+00	UGL	1.09	1.29	01	SBP
COSACGW	83306	PR1	WELL	001	-0	P	83325	EE	CAB005	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	002	-0	P	83325	EE	CAB006	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	003	-0	P	83325	EE	CAB008	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	007	-0	P	83325	EE	CAB009	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	009	-0	P	83325	EE	CAB010	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	010	-0	P	83325	EE	CAB011	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83305	PR1	WELL	01A3	-0	P	83325	EE	CAB004	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83305	PR1	WELL	02A3	-0	P	83325	EE	CAB003	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	09A1	-0	P	83325	EE	CAB007	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	15A1	-0	P	83325	EE	CAB012	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83325	PR1	QCMB	B001+0.000	-0		83325	EE	CAB001	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83325	PR1	QCSP	B001+5.010	-0		83325	EE	CAB002	NB	6N	LT	4.8	+00	UGL	.900	1.39	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83327	PR1	QCSP	C001+5.010	-0		83327	EE	CAC002	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	135TNB	6N	LT	3.5	+00	UGL	1.14	1.48	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83327	PR1	QCSP	C001+4.970	-0		83327	EE	CAC002	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	13DNB	6N	LT	3.9	+00	UGL	.942	1.72	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83327	PR1	QCSP	C001+4.950	-0		83327	EE	CAC002	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83327	PR1	QCSP	C001+2.530	-0		83327	EE	CAC002	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	24DNT	6N	LT	1.9	+00	UGL	1.04	.821	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83327	PR1	QCSP	C001+5.000	-0		83327	EE	CAC002	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	26DNT	6N	LT	4.2	+00	UGL	1.08	1.29	01	SBP
COSACGW	83306	PR1	WELL	008	-0	P	83327	EE	CAC007	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	10A1	-0	P	83327	EE	CAC008	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	10A2	-0	P	83327	EE	CAC004	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	10A3	-0	P	83327	EE	CAC003	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	10A4	-0	P	83327	EE	CAC009	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	11A5	-0	P	83327	EE	CAC006	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	12A6	-0	P	83327	EE	CAC005	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	16A1	-0	P	83327	EE	CAC010	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83327	PR1	QCMB	C001+0.000	-0		83327	EE	CAC001	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83327	PR1	QCSP	C001+5.010	-0		83327	EE	CAC002	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	I009	-0	P	83327	EE	CAC012	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	S007	-0	P	83327	EE	CAC011	NB	6N	LT	4.8	+00	UGL	.897	1.36	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83335	EE	CAD011	135TNB	6N	LT	3.5	+00	UGL	1.12	6.00	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83335	PR1	QCMB	D001+0.000	-0	P	83335	EE	CAD001	135TNB	6N	LT	3.5	+00	UGL	1.12	1.50	01	SBP
COSACGW	83327	PR1	QCSP	D001+5.010	-0		83327	EE	CAD002	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83335	EE	CAD012	135TNB	6N	LT	3.5	+00	UGL	1.12	6.00	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83335	EE	CAD004	135TNB	6N	LT	3.5	+00	UGL	1.12	6.00	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	135TNB	6N	LT	3.5	+00	UGL	1.13	1.49	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83328	EE	CAD011	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83327	PR1	QCSP	D001+4.970	-0		83327	EE	CAD002	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83307	PR1	WELL	G0022	-0	P	83328	EE	CAD012	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83327	EE	CAD004	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	13DNB	6N	LT	3.9	+00	UGL	.937	1.70	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83335	EE	CAD011	246TNT	6N	LT	3.5	+00	UGL	1.12	5.20	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	246TNT	6N	LT	3.5	+00	UGL	1.13	1.28	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83335	PR1	QCMB	D001+0.000	-0	P	83335	EE	CAD001	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83327	PR1	QCSP	D001+4.950	-0		83327	EE	CAD002	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83307	PR1	QCBL	D012+0.000	-0	P	83335	EE	CAD012	246TNT	6N		6.55	+00	UGL	1.12	5.20	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83333	EE	CAD012	246TNT	6N		9.29	+00	UGL	1.12	13.0	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83333	EE	CAD004	246TNT	6N		1.17	+01	UGL	1.12	1.30	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	246TNT	6N	LT	3.5	+00	UGL	1.13	1.29	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83328	EE	CAD011	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83327	PR1	QCSP	D001+2.530	-0		83327	EE	CAD002	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83328	EE	CAD012	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83327	EE	CAD004	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	24DNT	6N	LT	1.9	+00	UGL	1.03	.823	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83328	EE	CAD011	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83327	PR1	QCSP	D001+5.000	-0		83327	EE	CAD002	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83328	EE	CAD012	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83327	EE	CAD004	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83306	PR1	WELL	11A2	-0	P	83327	EE	CAD005	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	11A6	-0	P	83328	EE	CAD010	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	11A7	-0	P	83328	EE	CAD011	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	14A1	-0	P	83328	EE	CAD009	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	14A2	-0	P	83327	EE	CAD008	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	14A3	-0	P	83327	EE	CAD006	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	15A2	-0	P	83327	EE	CAD007	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83327	PR1	QCMB	D001+0.000	-0		83327	EE	CAD001	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83327	PR1	QCSP	D001+5.010	-0		83327	EE	CAD002	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83307	PR1	WELL	G0022	-0	P	83328	EE	CAD012	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	G0024	-0	P	83327	EE	CAD004	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83306	PR1	WELL	I004	-0	P	83327	EE	CAD003	NB	6N	LT	4.8	+00	UGL	.893	1.34	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83328	PR1	QCSP	E001+5.010	-0		83328	EE	CAE002	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83333	EE	CAE007	135TNB	6N		1.08	+01	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	135TNB	6N		4.19	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83333	EE	CAE005	135TNB	6N		1.19	+02	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83328	PR1	QCSP	E001+4.970	-0		83328	EE	CAE002	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83328	EE	CAE007	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83328	EE	CAE005	13DNB	6N	LT	3.9	+00	UGL	.934	1.67	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83328	PR1	QCSP	E001+4.950	-0		83328	EE	CAE002	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83333	EE	CAE007	246TNT	6N		1.62	+01	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83333	EE	CAE005	246TNT	6N		9.29	+02	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83328	PR1	QCSP	E001+2.530	-0		83328	EE	CAE002	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	24DNT	6N		2.59	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83328	EE	CAE007	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83328	EE	CAE005	24DNT	6N	LT	1.9	+00	UGL	1.03	.821	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83328	PR1	QCSP	E001+5.000	-0		83328	EE	CAE002	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83328	EE	CAE007	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83328	EE	CAE005	26DNT	6N	LT	4.2	+00	UGL	1.08	1.30	01	SBP
COSACGW	83307	PR1	WELL	11A1	-0	P	83328	EE	CAE010	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	11A3	-0	P	83328	EE	CAE009	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	11A4	-0	P	83328	EE	CAE008	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	12A1	-0	P	83328	EE	CAE011	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	12A2	-0	P	83328	EE	CAE012	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83328	PR1	QCMB	E001+0.000	-0		83328	EE	CAE001	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83328	PR1	QCSP	E001+5.010	-0		83328	EE	CAE002	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83307	PR1	WELL	G0016	-0	P	83328	EE	CAE006	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	G0017	-0	P	83328	EE	CAE007	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	G0020	-0	P	83328	EE	CAE004	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	G0021	-0	P	83328	EE	CAE003	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	G0023	-0	P	83328	EE	CAE005	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83328	PR1	QCSP	F001+5.010	-0		83328	EE	CAF002	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	135TNB	6N	LT	3.5	+00	UGL	1.13	1.50	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83328	PR1	QCSP	F001+4.970	-0		83328	EE	CAF002	13DNB	6N		4.46	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	13DNB	6N	LT	3.9	+00	UGL	.934	1.63	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83328	PR1	QCSP	F001+4.950	-0		83328	EE	CAF002	246TNT	6N		3.53	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	246TNT	6N	LT	3.5	+00	UGL	1.12	1.30	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83328	PR1	QCSP	F001+2.530	-0		83328	EE	CAF002	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	24DNT	6N	LT	1.9	+00	UGL	1.03	.819	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83328	PR1	QCSP	F001+5.000	-0		83328	EE	CAF002	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	26DNT	6N	LT	4.2	+00	UGL	1.07	1.30	01	SBP
COSACGW	83307	PR1	WELL	10A5	-0	P	83328	EE	CAF006	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A3	-0	P	83328	EE	CAF003	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83307	PR1	WELL	12A5	-0	P	83328	EE	CAF004	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83328	PR1	QCMB	F001+0.000	-0		83328	EE	CAF001	NB	6N	LT	4.8	+00	UGL	.890	1.32	01	SBP
COSACGW	83333	PR1	QCMB	F001+0.000	-0	P	83333	EE	CAF001	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83328	PR1	QCSP	F001+5.010	-0		83328	EE	CAF002	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0010	-0	P	83328	EE	CAF005	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83307	PR1	WELL	G0019	-0	P	83328	EE	CAF007	NB	6N	LT	4.8	+00	UGL	.889	1.30	01	SBP
COSACGW	83305	PR1	WELL	005	-0	P	83322	EE	CAG006	RDX	3S		1.05	+02	UGL	.865	.059	02	MHO
COSACGW	83305	PR1	WELL	01A1	-0	P	83322	EE	CAG011	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	01A2	-0	P	83322	EE	CAG009	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	02A1	-0	P	83322	EE	CAG010	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	02A2	-0	P	83322	EE	CAG012	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	02A3	-0	P	83322	EE	CAG013	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	109	-0	P	83322	EE	CAG003	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	13A1	-0	P	83322	EE	CAG004	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	13A2	-0	P	83322	EE	CAG008	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83322	PR1	QCMB	G001+0.000	-0		83322	EE	CAG001	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83322	PR1	QCSP	G001+5.100	-0		83322	EE	CAG002	RDX	3S		6.13	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	I012	-0	P	83322	EE	CAG007	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83305	PR1	WELL	I013	-0	P	83322	EE	CAG005	RDX	3S	LT	1.6	+01	UGL	.865	.594	02	MHO
COSACGW	83306	PR1	WELL	001	-0	P	83322	EE	CAH002	RDX	3S		4.38	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	002	-0	P	83322	EE	CAH003	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	003	-0	P	83322	EE	CAH005	RDX	3S		1.24	+02	UGL	.868	.059	02	MHO
COSACGW	83306	PR1	WELL	007	-0	P	83322	EE	CAH006	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	009	-0	P	83322	EE	CAH009	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	010	-0	P	83322	EE	CAH010	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83305	PR1	WELL	01A3	-0	P	83322	EE	CAH001	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	09A1	-0	P	83326	EE	CAH004	RDX	3S		1.74	+02	UGL	.868	.118	02	MHO
COSACGW	83306	PR1	WELL	10A2	-0	P	83322	EE	CAH013	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	10A3	-0	P	83322	EE	CAH012	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	15A1	-0	P	83322	EE	CAH011	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83322	PR1	QCMB	H007+0.000	-0		83322	EE	CAH007	RDX	3S	LT	1.6	+01	UGL	.868	.591	02	MHO
COSACGW	83322	PR1	QCSP	H007+5.100	-0		83322	EE	CAH008	RDX	3S		5.90	+01	UGL	.868	.591	02	MHO
COSACGW	83306	PR1	WELL	008	-0	P	83326	EE	CAI003	RDX	3S		1.53	+02	UGL	.869	.116	02	MHO

IR FILE NAME	SAMPL DATE	SMP PRG	SITE TYPE	SITE IDENTIF	SMPL DPTH	S T	ANALY DATE	LB	SAMPLE NUMBER	TEST NAME	MH NO	MR BL	MEASR MNTSA	MEA EXP	MEAS UNIT	ACRY	PREC	IN NO	ANL
COSACGW	83306	PR1	WELL	10A1	-0	P	83322	EE	CAI006	RDX	3S		9.62	+01	UGL	.869	.582	02	MHO
COSACGW	83306	PR1	WELL	10A4	-0	P	83322	EE	CAI007	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83306	PR1	WELL	11A5	-0	P	83322	EE	CAI002	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83306	PR1	WELL	12A6	-0	P	83322	EE	CAI001	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83306	PR1	WELL	16A1	-0	P	83322	EE	CAI008	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83322	PR1	QCMB	I004+0.000	-0		83322	EE	CAI004	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83322	PR1	QCSP	I004+5.100	-0		83322	EE	CAI005	RDX	3S		5.75	+01	UGL	.869	.582	02	MHO
COSACGW	83306	PR1	WELL	I009	-0	P	83322	EE	CAI010	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83306	PR1	WELL	S007	-0	P	83322	EE	CAI009	RDX	3S	LT	1.6	+01	UGL	.869	.582	02	MHO
COSACGW	83306	PR1	WELL	11A2	-0	P	83322	EE	CAJ003	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	11A6	-0	P	83326	EE	CAJ010	RDX	3S		1.19	+02	UGL	.871	.116	02	MHO
COSACGW	83306	PR1	WELL	11A7	-0	P	83325	EE	CAJ011	RDX	3S		2.12	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	14A1	-0	P	83325	EE	CAJ009	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	14A2	-0	P	83325	EE	CAJ008	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	14A3	-0	P	83322	EE	CAJ004	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	15A2	-0	P	83325	EE	CAJ007	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	G0020	-0	P	83325	EE	CAJ014	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	G0021	-0	P	83325	EE	CAJ013	RDX	3S		8.15	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	G0022	-0	P	83325	EE	CAJ012	RDX	3S		2.32	+01	UGL	.871	.578	02	MHO
COSACGW	83306	PR1	WELL	G0024	-0	P	83326	EE	CAJ002	RDX	3S		1.71	+02	UGL	.871	.116	02	MHO
COSACGW	83306	PR1	WELL	I004	-0	P	83325	EE	CAJ001	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83325	PR1	QCMB	J006+0.000	-0		83325	EE	CAJ006	RDX	3S	LT	1.6	+01	UGL	.871	.578	02	MHO
COSACGW	83325	PR1	QCSP	J006+5.100	-0		83325	EE	CAJ005	RDX	3S		5.95	+01	UGL	.871	.578	02	MHO
COSACGW	83307	PR1	WELL	10A5	-0	P	83325	EE	CAK014	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	11A1	-0	P	83325	EE	CAK008	RDX	3S		2.18	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	11A3	-0	P	83326	EE	CAK007	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	11A4	-0	P	83325	EE	CAK006	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	12A1	-0	P	83325	EE	CAK009	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	12A2	-0	P	83325	EE	CAK010	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	12A3	-0	P	83325	EE	CAK011	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	12A5	-0	P	83325	EE	CAK012	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	G0010	-0	P	83325	EE	CAK013	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	G0016	-0	P	83325	EE	CAK004	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	G0017	-0	P	83325	EE	CAK005	RDX	3S		1.16	+02	UGL	.873	.057	02	MHO
COSACGW	83307	PR1	WELL	G0019	-0	P	83325	EE	CAK015	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83307	PR1	WELL	G0023	-0	P	83325	EE	CAK003	RDX	3S		9.62	+01	UGL	.873	.574	02	MHO
COSACGW	83325	PR1	QCMB	K002+0.000	-0		83325	EE	CAK002	RDX	3S	LT	1.6	+01	UGL	.873	.574	02	MHO
COSACGW	83325	PR1	QCSP	K002+5.100	-0		83325	EE	CAK001	RDX	3S		5.96	+01	UGL	.873	.574	02	MHO

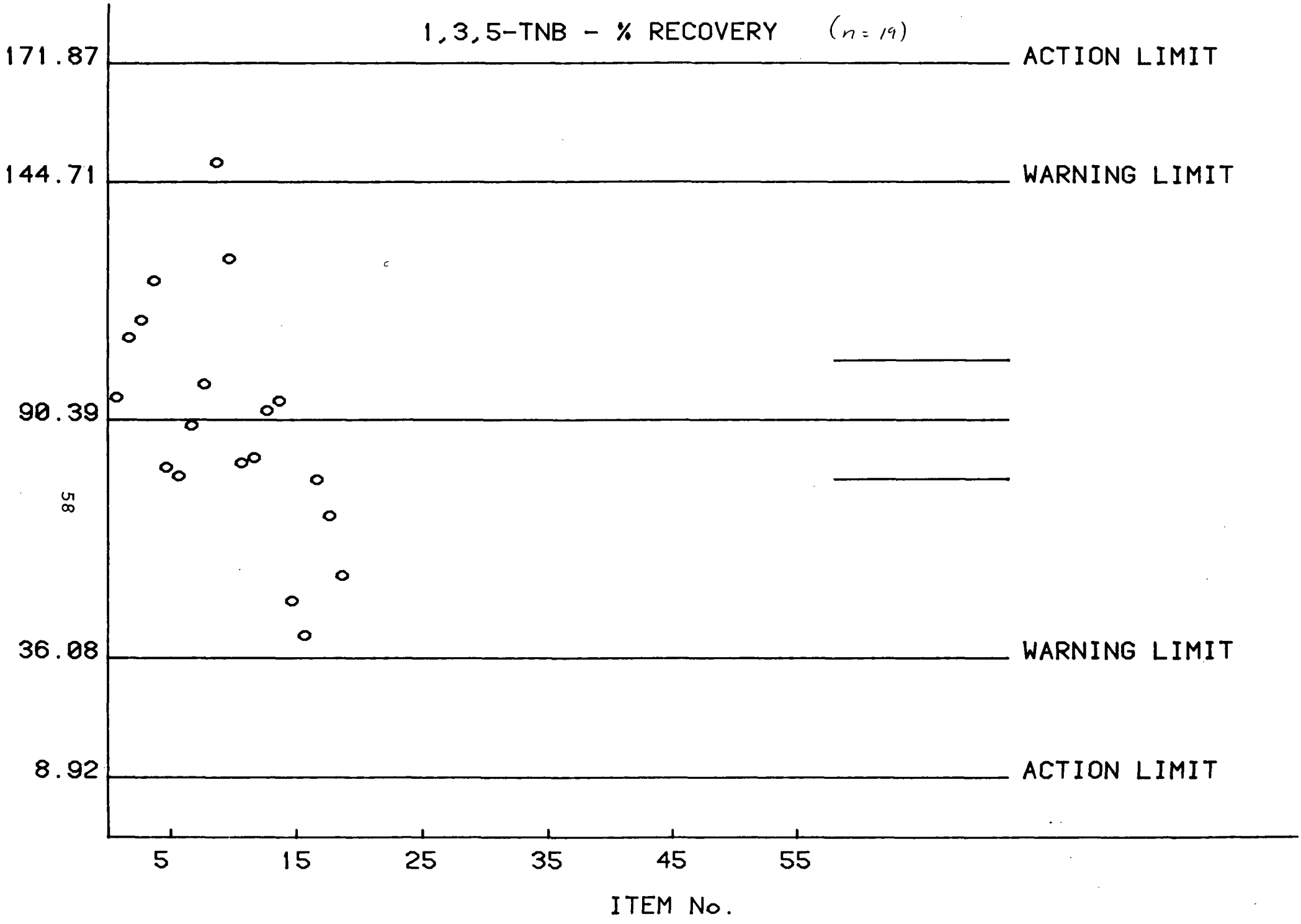
APPENDIX D

CONTROL CHARTS

**** CONTROL CHART FOR 1,3,5-TNB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	171.87 %
+2 S.D. (WARNING LIMIT)	=	144.71 %
+1 S.D.	=	117.55 %
MEAN ($\bar{X}$)	=	90.39 %
-1 S.D.	=	63.24 %
-2 S.D. (WARNING LIMIT)	=	36.08 %

n = 19


1,3,5-TNB - % RECOVERY (n = 19)
171.87
ACTION LIMIT
144.71
WARNING LIMIT
90.39
36.08
WARNING LIMIT
8.92
ACTION LIMIT
5
15
25
35
45
55
ITEM No.

**** CONTROL CHART FOR 1,3,5-TNB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	171.71 %
+2 S.D. (WARNING LIMIT)	=	143.98 %
+1 S.D.	=	116.25 %
MEAN ($\bar{X}$)	=	88.52 %
-1 S.D.	=	60.79 %
-2 S.D. (WARNING LIMIT)	=	33.06 %
-3 S.D. (ACTION LIMIT)	=	5.33 %
NUMBER OF POINTS (N)	=	20

**** CONTROL CHART FOR 1,3,5-TNB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	174.70 %
+2 S.D. (WARNING LIMIT)	=	152.12 %
+1 S.D.	=	129.54 %
MEAN ($\bar{X}$)	=	106.96 %
-1 S.D.	=	84.38 %
-2 S.D. (WARNING LIMIT)	=	61.80 %
-3 S.D. (ACTION LIMIT)	=	39.22 %
NUMBER OF POINTS (N)	=	21

**** CONTROL CHART FOR 1,3,5-TNB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	174.70 %
+2 S.D. (WARNING LIMIT)	=	152.12 %
+1 S.D.	=	129.54 %
MEAN ($\bar{X}$)	=	106.96 %
-1 S.D.	=	84.38 %
-2 S.D. (WARNING LIMIT)	=	61.80 %
-3 S.D. (ACTION LIMIT)	=	39.22 %
NUMBER OF POINTS (N)	=	22

**** CONTROL CHART FOR 1,3,5-TNB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	174.70 %
+2 S.D. (WARNING LIMIT)	=	152.12 %
+1 S.D.	=	129.54 %
MEAN ($\bar{X}$)	=	106.96 %
-1 S.D.	=	84.38 %
-2 S.D. (WARNING LIMIT)	=	61.80 %
-3 S.D. (ACTION LIMIT)	=	39.22 %
NUMBER OF POINTS (N)	=	23

*** CONTROL CHART FOR 1,3,5-TNB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	174.70 %
+2 S.D. (WARNING LIMIT)	=	152.12 %
+1 S.D.	=	129.54 %
MEAN ($\bar{X}$)	=	106.96 %
-1 S.D.	=	84.38 %
-2 S.D. (WARNING LIMIT)	=	61.80 %
-3 S.D. (ACTION LIMIT)	=	39.22 %
NUMBER OF POINTS (N)	=	24

*** CONTROL CHART FOR 1,3,5-TNB - % RECOVERY ***

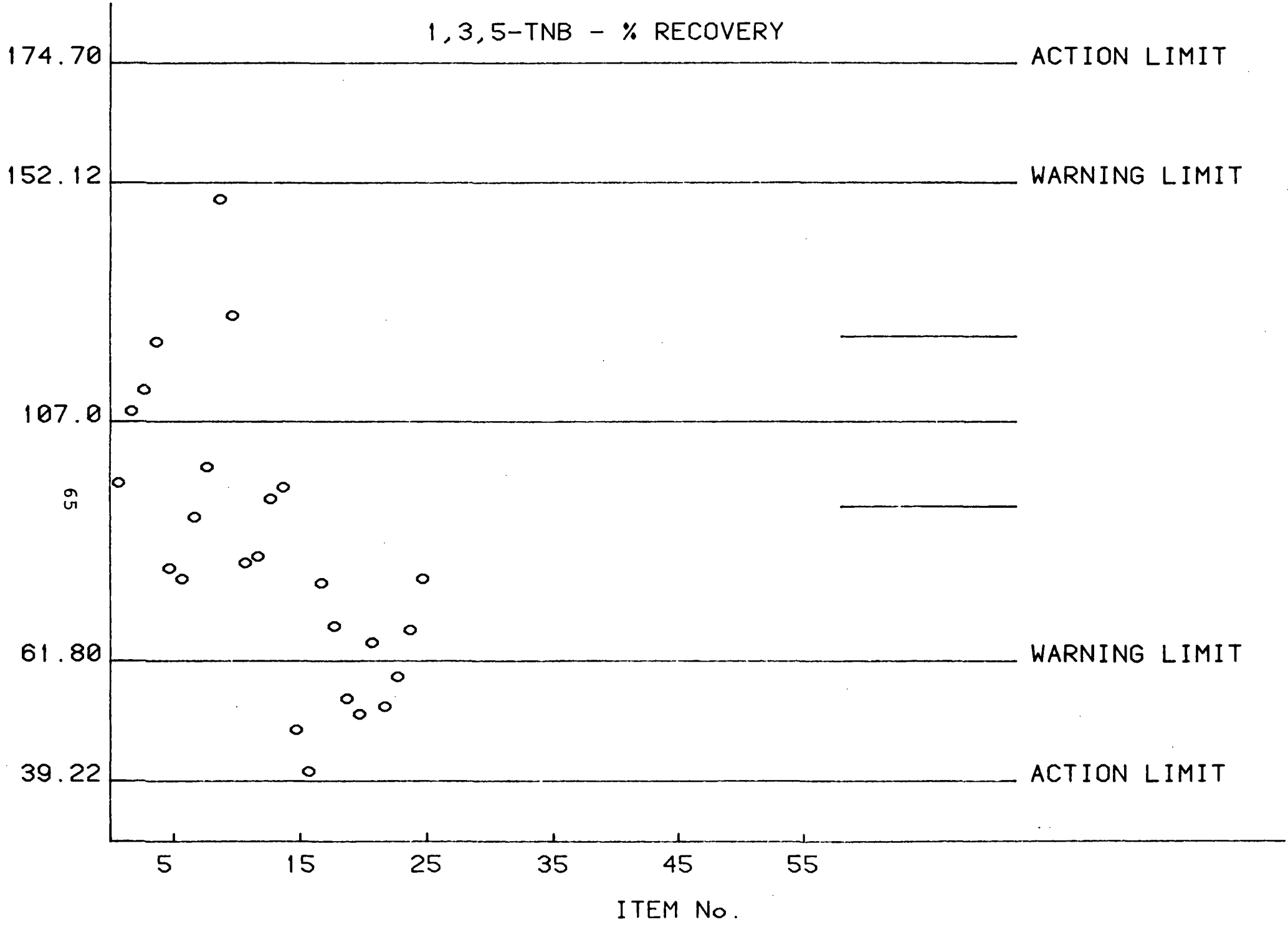
+3 S.D. (ACTION LIMIT) = 174.70 %
+2 S.D. (WARNING LIMIT) = 152.12 %
+1 S.D. = 129.54 %

MEAN ($\bar{X}$) = 106.96 %

-1 S.D. = 84.38 %
-2 S.D. (WARNING LIMIT) = 61.80 %
-3 S.D. (ACTION LIMIT) = 39.22 %

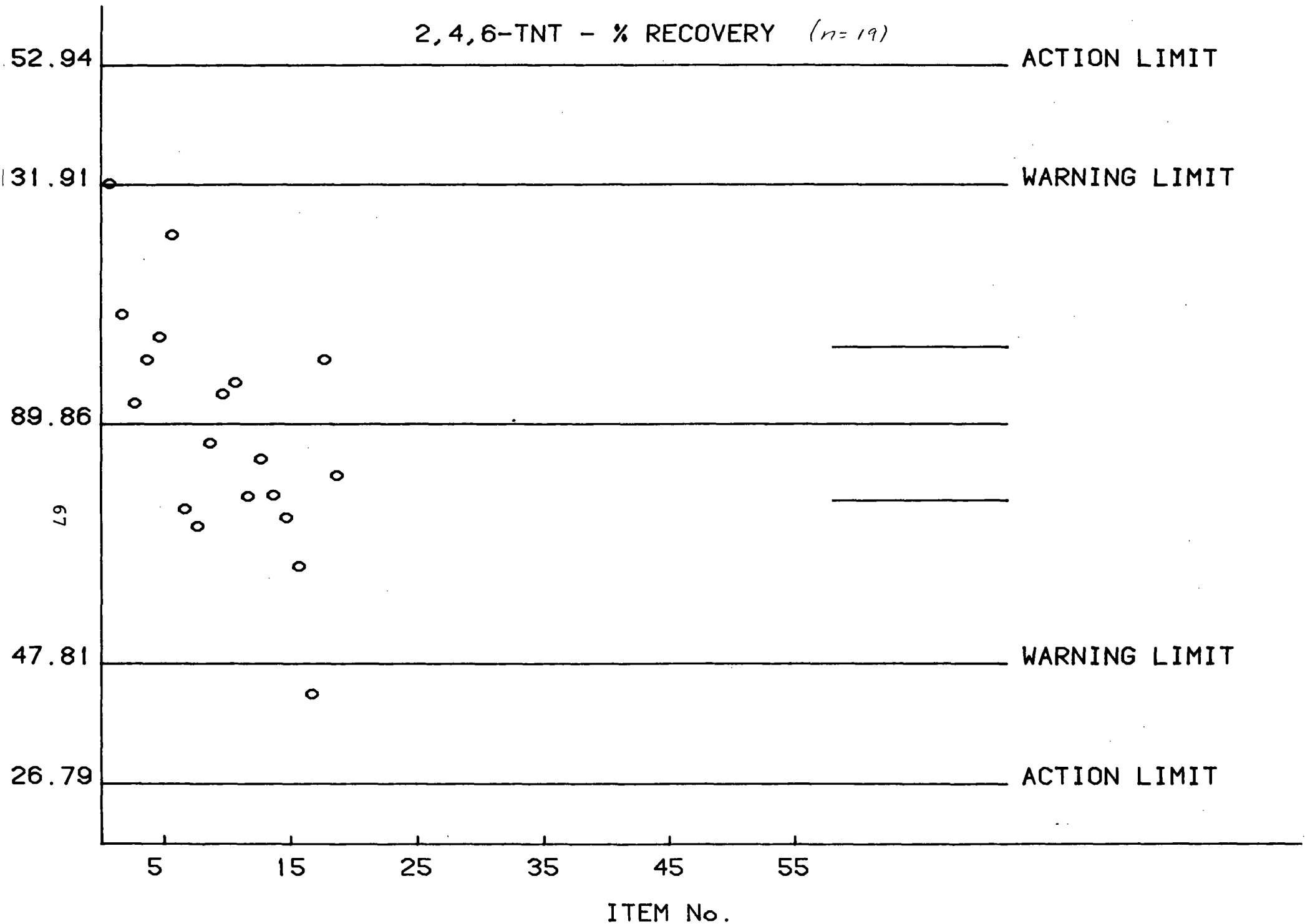
NUMBER OF POINTS (N) = 25

PREPARE PLOTTER FOR PLOT (Return When Ready)


1,3,5-TNB - % RECOVERY
174.70
ACTION LIMIT
152.12
WARNING LIMIT
107.0
61.80
WARNING LIMIT
39.22
ACTION LIMIT
5
15
25
35
45
55
ITEM No.

```
****  CONTROL CHART FOR 2,4,6-TNT - % RECOVERY  ***

+3 S.D. (ACTION LIMIT)  = 152.94 %
+2 S.D. (WARNING LIMIT) = 131.91 %
+1 S.D.                 = 110.89 %

MEAN (X̄)                =  89.86 %

-1 S.D.                 =  68.84 %
-2 S.D. (WARNING LIMIT) =  47.81 %
-3 S.D. (ACTION LIMIT)  =  26.79 %


PREPARE PLOTTER FOR PLOT <Return When Ready>
```

n = 19


2,4,6-TNT - % RECOVERY (n=19)
52.94
ACTION LIMIT
131.91
WARNING LIMIT
89.86
47.81
WARNING LIMIT
26.79
ACTION LIMIT
5
15
25
35
45
55
ITEM No.

**** CONTROL CHART FOR 2,4,6-TNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	152.55 %
+2 S.D. (WARNING LIMIT)	=	131.20 %
+1 S.D.	=	109.85 %
MEAN ($\bar{X}$)	=	88.50 %
-1 S.D.	=	67.16 %
-2 S.D. (WARNING LIMIT)	=	45.81 %
-3 S.D. (ACTION LIMIT)	=	24.46 %
NUMBER OF POINTS (N)	=	20

**** CONTROL CHART FOR 2,4,6-TNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	157.90 %
+2 S.D. (WARNING LIMIT)	=	139.65 %
+1 S.D.	=	119.39 %
MEAN ($\bar{X}$)	=	100.14 %
-1 S.D.	=	80.89 %
-2 S.D. (WARNING LIMIT)	=	61.63 %
-3 S.D. (ACTION LIMIT)	=	42.38 %
NUMBER OF POINTS (N)	=	21

**** CONTROL CHART FOR 2,4,6-TNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	157.90 %
+2 S.D. (WARNING LIMIT)	=	138.65 %
+1 S.D.	=	119.39 %
MEAN ($\bar{X}$)	=	100.14 %
-1 S.D.	=	80.89 %
-2 S.D. (WARNING LIMIT)	=	61.63 %
-3 S.D. (ACTION LIMIT)	=	42.38 %
NUMBER OF POINTS (N)	=	22

**** CONTROL CHART FOR 2,4,6-TNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	157.90 %
+2 S.D. (WARNING LIMIT)	=	138.65 %
+1 S.D.	=	119.39 %
MEAN ($\bar{X}$)	=	100.14 %
-1 S.D.	=	80.89 %
-2 S.D. (WARNING LIMIT)	=	61.63 %
-3 S.D. (ACTION LIMIT)	=	42.38 %
NUMBER OF POINTS (N)	=	23

**** CONTROL CHART FOR 2,4,6-TNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	157.90 %
+2 S.D. (WARNING LIMIT)	=	138.65 %
+1 S.D.	=	119.39 %
MEAN ($\bar{X}$)	=	100.14 %
-1 S.D.	=	80.89 %
-2 S.D. (WARNING LIMIT)	=	61.63 %
-3 S.D. (ACTION LIMIT)	=	42.38 %
NUMBER OF POINTS (N)	=	24

*** CONTROL CHART FOR 2,4,6-TNT - % RECOVERY ***

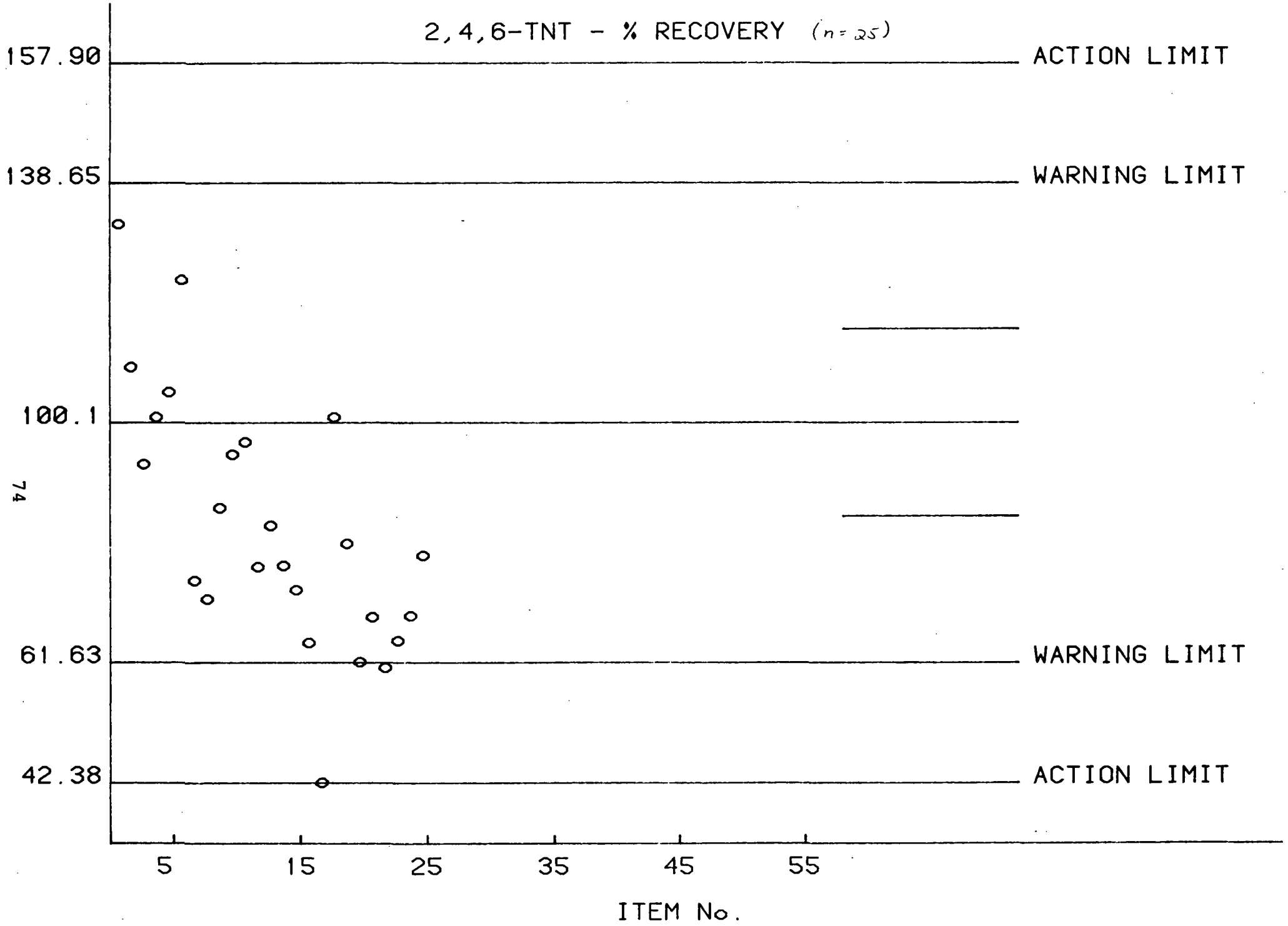
+3 S.D. (ACTION LIMIT) = 157.90 %
+2 S.D. (WARNING LIMIT) = 138.65 %
+1 S.D. = 119.39 %

MEAN ($\bar{X}$) = 100.14 %

-1 S.D. = 80.89 %
-2 S.D. (WARNING LIMIT) = 61.63 %
-3 S.D. (ACTION LIMIT) = 42.38 %

NUMBER OF POINTS (N) = 25

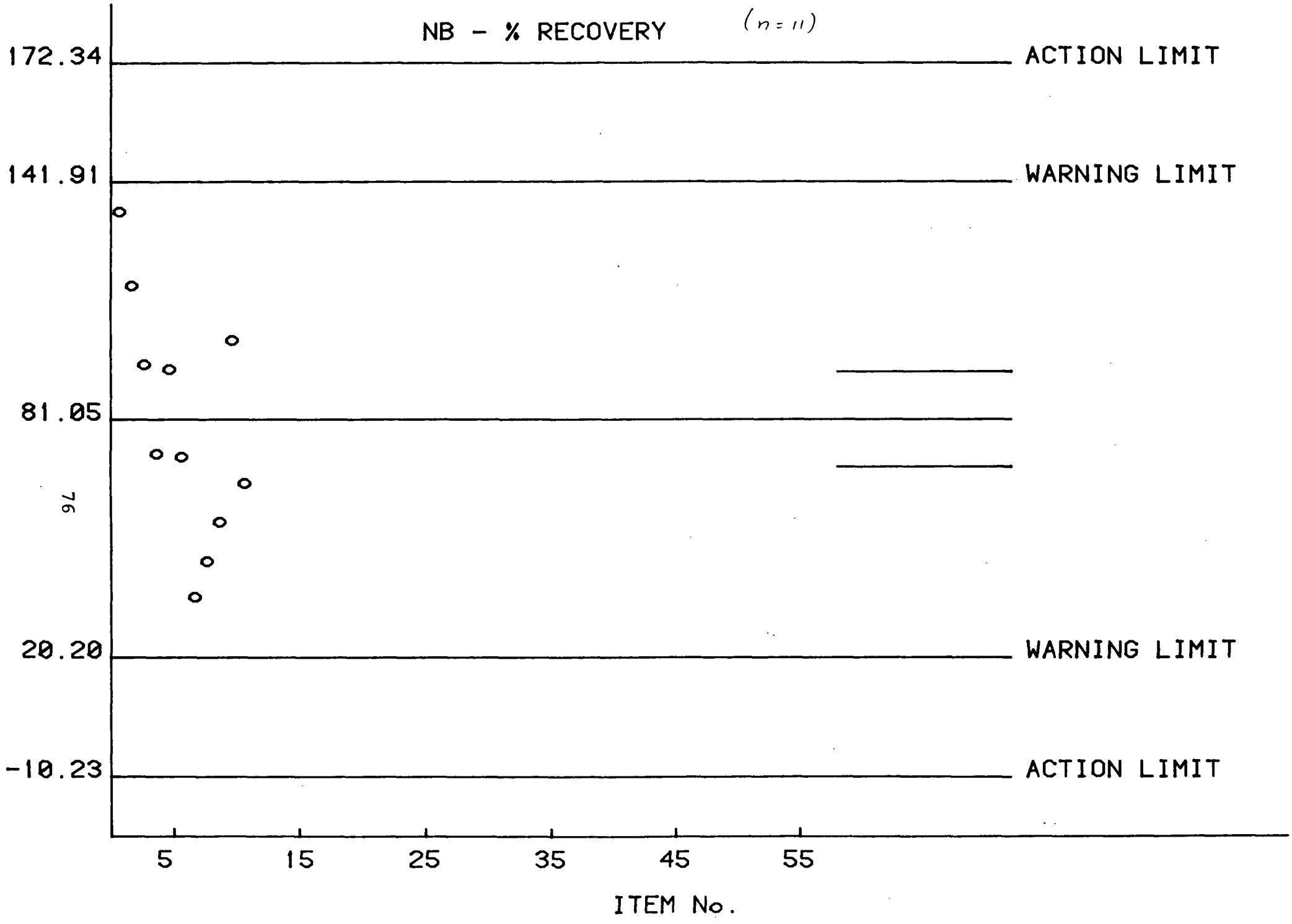
PREPARE PLOTTER FOR PLOT (Return When Ready)


2,4,6-TNT - % RECOVERY (n=25)
157.90
138.65
100.1
61.63
42.38
ACTION LIMIT
WARNING LIMIT
WARNING LIMIT
ACTION LIMIT
5
15
25
35
45
55
ITEM No.

```
****  CONTROL CHART FOR NB - % RECOVERY  ***

+3 S.D. (ACTION LIMIT)  = 172.34 %
+2 S.D. (WARNING LIMIT) = 141.91 %
+1 S.D.                 = 111.48 %

MEAN (X̄)                =  81.05 %

-1 S.D.                 =  50.63 %
-2 S.D. (WARNING LIMIT) =  20.20 %
-3 S.D. (ACTION LIMIT)  = -10.23 %
```

PREPARE PLOTTER FOR PLOT <Return When Ready>

n = 11


NB - % RECOVERY
(n = 11)
172.34
ACTION LIMIT
141.91
WARNING LIMIT
81.05
20.20
WARNING LIMIT
-10.23
ACTION LIMIT
5
15
25
35
45
55
ITEM No.

**** CONTROL CHART FOR NB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	167.85 %
+2 S.D. (WARNING LIMIT)	=	138.47 %
+1 S.D.	=	109.10 %
MEAN ($\bar{X}$)	=	79.72 %
-1 S.D.	=	50.35 %
-2 S.D. (WARNING LIMIT)	=	20.98 %
-3 S.D. (ACTION LIMIT)	=	-8.40 %
NUMBER OF POINTS (N)	=	12

**** CONTROL CHART FOR NB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	164.11 %
+2 S.D. (WARNING LIMIT)	=	135.49 %
+1 S.D.	=	106.88 %
MEAN ($\bar{X}$)	=	78.26 %
-1 S.D.	=	49.65 %
-2 S.D. (WARNING LIMIT)	=	21.03 %
-3 S.D. (ACTION LIMIT)	=	-7.58 %
NUMBER OF POINTS (N)	=	13

**** CONTROL CHART FOR NB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	160.47 %
+2 S.D. (WARNING LIMIT)	=	132.94 %
+1 S.D.	=	105.41 %
MEAN ($\bar{X}$)	=	77.88 %
-1 S.D.	=	50.35 %
-2 S.D. (WARNING LIMIT)	=	22.82 %
-3 S.D. (ACTION LIMIT)	=	-4.71 %
NUMBER OF POINTS (N)	=	14

**** CONTROL CHART FOR NB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	157.17 %
+2 S.D. (WARNING LIMIT)	=	130.53 %
+1 S.D.	=	103.88 %
MEAN ($\bar{X}$)	=	77.24 %
-1 S.D.	=	50.60 %
-2 S.D. (WARNING LIMIT)	=	23.95 %
-3 S.D. (ACTION LIMIT)	=	-2.69 %
NUMBER OF POINTS (N)	=	15

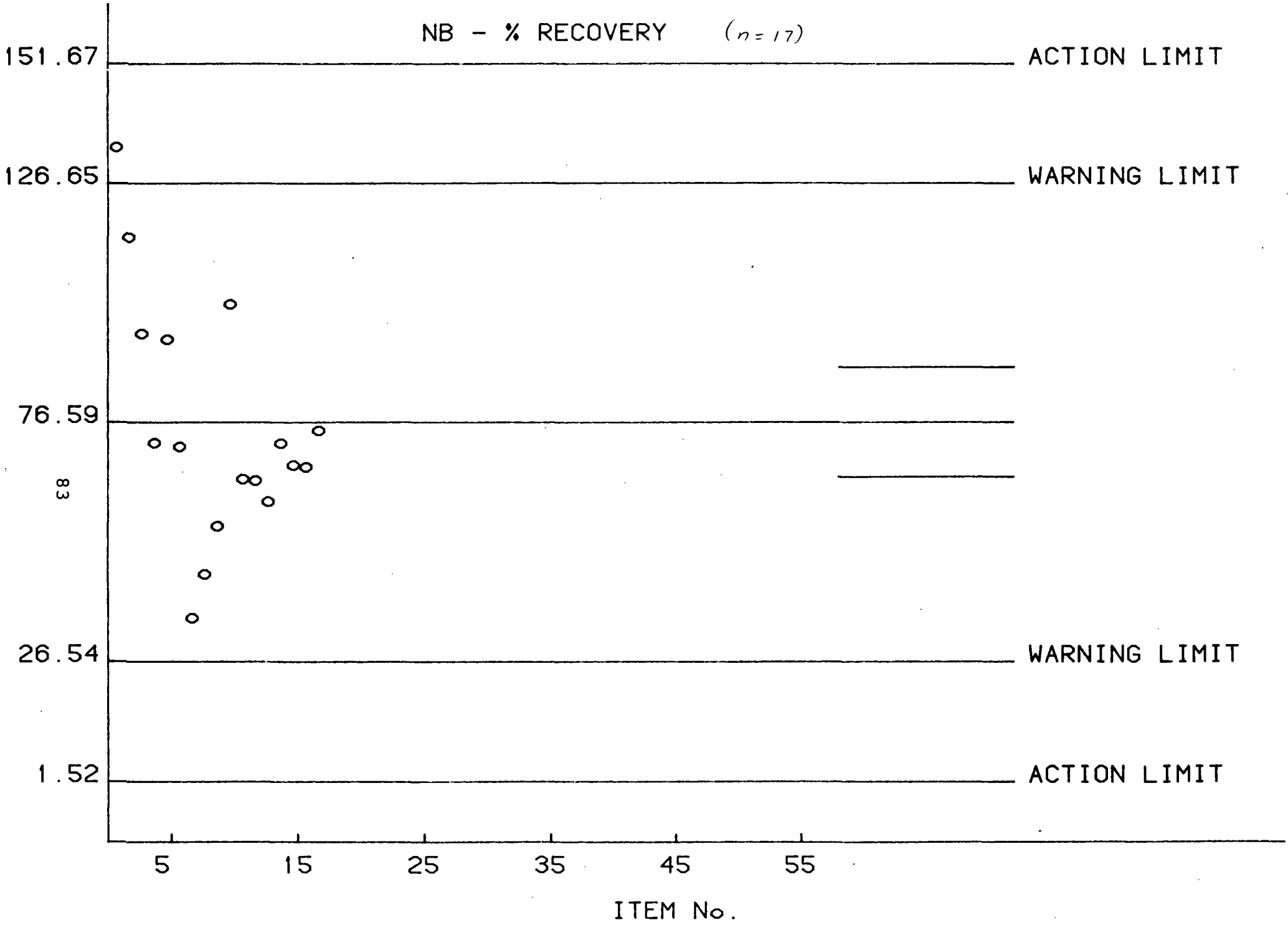
**** CONTROL CHART FOR NB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	154.19 %
+2 S.D. (WARNING LIMIT)	=	129.35 %
+1 S.D.	=	102.50 %
MEAN ($\bar{X}$)	=	76.66 %
-1 S.D.	=	50.81 %
-2 S.D. (WARNING LIMIT)	=	24.97 %
-3 S.D. (ACTION LIMIT)	=	-0.88 %
NUMBER OF POINTS (N)	=	16

*** CONTROL CHART FOR NB - % RECOVERY ***

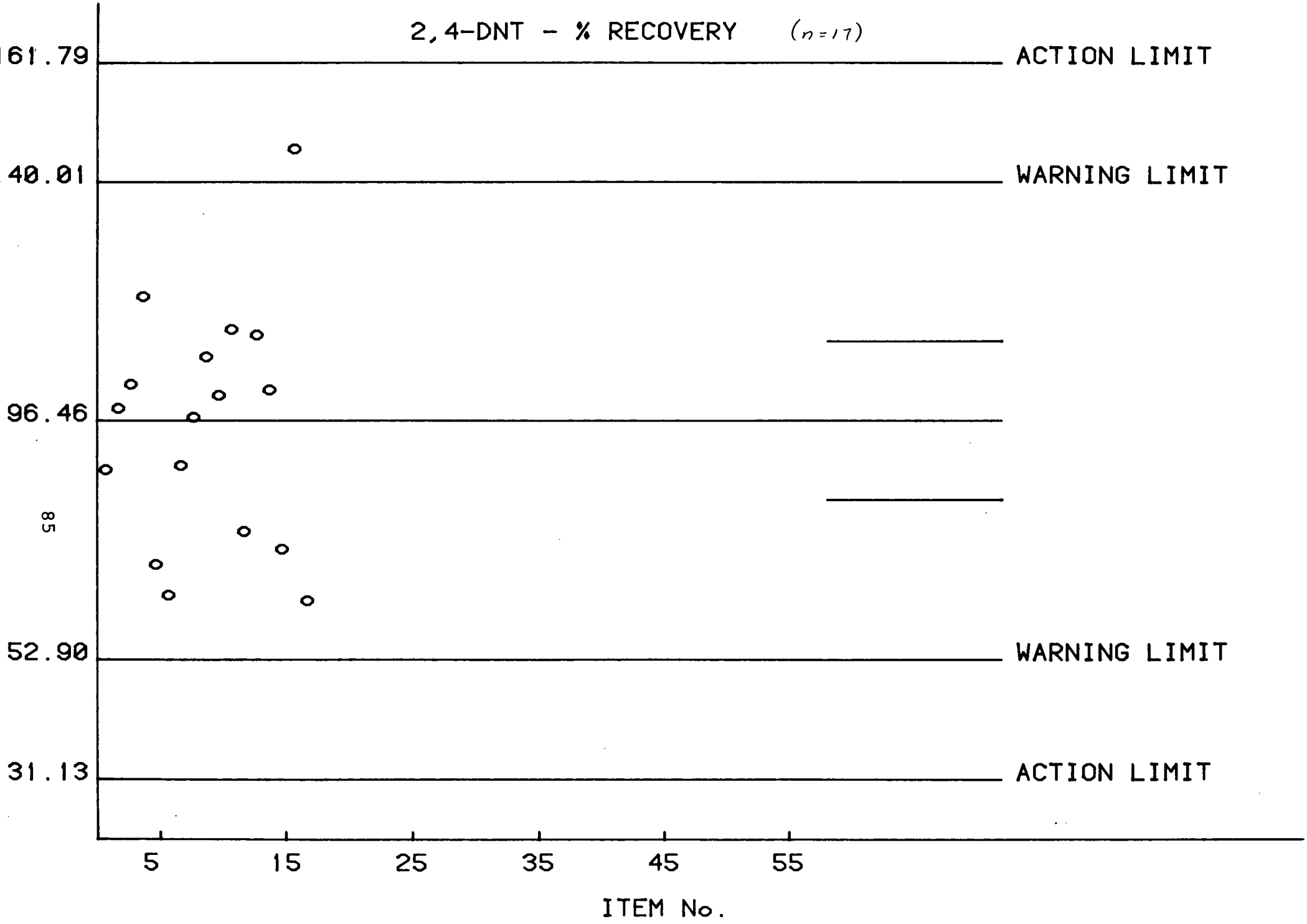
+3 S.D. (ACTION LIMIT)	=	151.67 %
+2 S.D. (WARNING LIMIT)	=	128.65 %
+1 S.D.	=	101.62 %
MEAN ($\bar{X}$)	=	76.59 %
-1 S.D.	=	51.57 %
-2 S.D. (WARNING LIMIT)	=	26.54 %
-3 S.D. (ACTION LIMIT)	=	1.52 %
NUMBER OF POINTS (N)	=	17

PREPARE PLOTTER FOR PLOT <Return When Ready>


NB - % RECOVERY (n = 17)
151.67
126.65
76.59
26.54
1.52
ACTION LIMIT
WARNING LIMIT
WARNING LIMIT
ACTION LIMIT
5
15
25
35
45
55
ITEM No.

```
****  CONTROL CHART FOR 2,4-DNT - % RECOVERY  ***

+3 S.D. (ACTION LIMIT)  = 161.79 %
+2 S.D. (WARNING LIMIT) = 140.01 %
+1 S.D.                 = 118.24 %

MEAN (Ȳ)                =  96.46 %

-1 S.D.                 =  74.68 %
-2 S.D. (WARNING LIMIT) =  52.90 %
-3 S.D. (ACTION LIMIT)  =  31.13 %


PREPARE PLOTTER FOR PLOT <Return When Ready>
```

$n = 17$


2,4-DNT - % RECOVERY (n=17)
161.79
ACTION LIMIT
140.01
WARNING LIMIT
96.46
52.90
WARNING LIMIT
31.13
ACTION LIMIT
5
15
25
35
45
55
ITEM No.

**** CONTROL CHART FOR 2,4-DNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	169.38 %
+2 S.D. (WARNING LIMIT)	=	143.96 %
+1 S.D.	=	118.55 %
MEAN ($\bar{X}$)	=	93.13 %
-1 S.D.	=	67.71 %
-2 S.D. (WARNING LIMIT)	=	42.29 %
-3 S.D. (ACTION LIMIT)	=	16.87 %
NUMBER OF POINTS (N)	=	18

**** CONTROL CHART FOR 2,4-DNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	168.67 %
+2 S.D. (WARNING LIMIT)	=	142.94 %
+1 S.D.	=	117.21 %
MEAN ($\bar{X}$)	=	91.47 %
-1 S.D.	=	65.74 %
-2 S.D. (WARNING LIMIT)	=	40.01 %
-3 S.D. (ACTION LIMIT)	=	14.28 %
NUMBER OF POINTS (N)	=	19

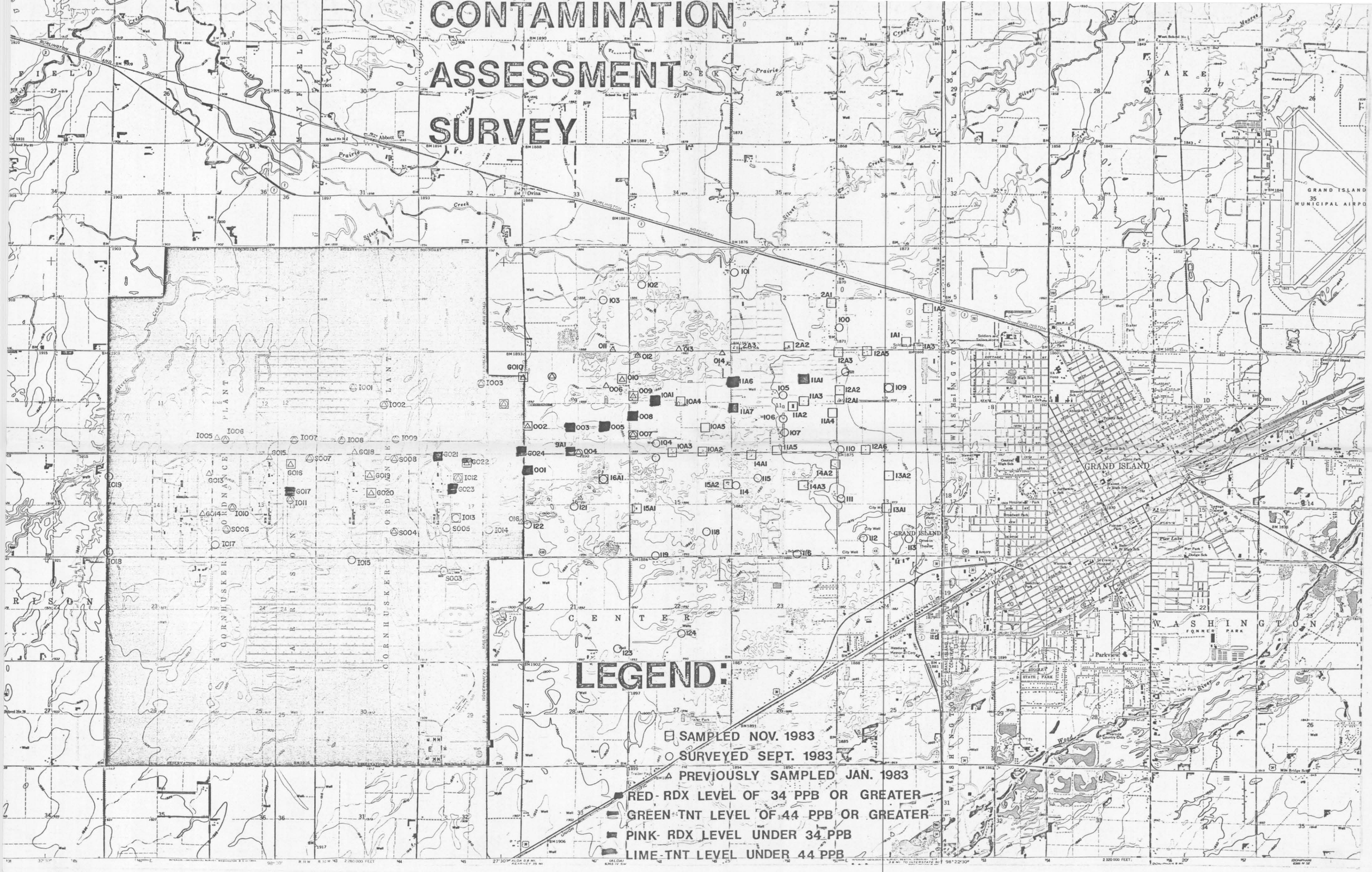
**** CONTROL CHART FOR 2,4-DNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	167.56 %
+2 S.D. (WARNING LIMIT)	=	141.72 %
+1 S.D.	=	115.89 %
MEAN ($\bar{X}$)	=	90.06 %
-1 S.D.	=	64.23 %
-2 S.D. (WARNING LIMIT)	=	38.40 %
-3 S.D. (ACTION LIMIT)	=	12.56 %
NUMBER OF POINTS (N)	=	20

**** CONTROL CHART FOR 2,4-DNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	144.58 %
+2 S.D. (WARNING LIMIT)	=	127.95 %
+1 S.D.	=	111.33 %
MEAN ($\bar{X}$)	=	94.70 %
-1 S.D.	=	78.07 %
-2 S.D. (WARNING LIMIT)	=	61.45 %
-3 S.D. (ACTION LIMIT)	=	44.82 %
NUMBER OF POINTS (N)	=	21

CONTAMINATION ASSESSMENT SURVEY



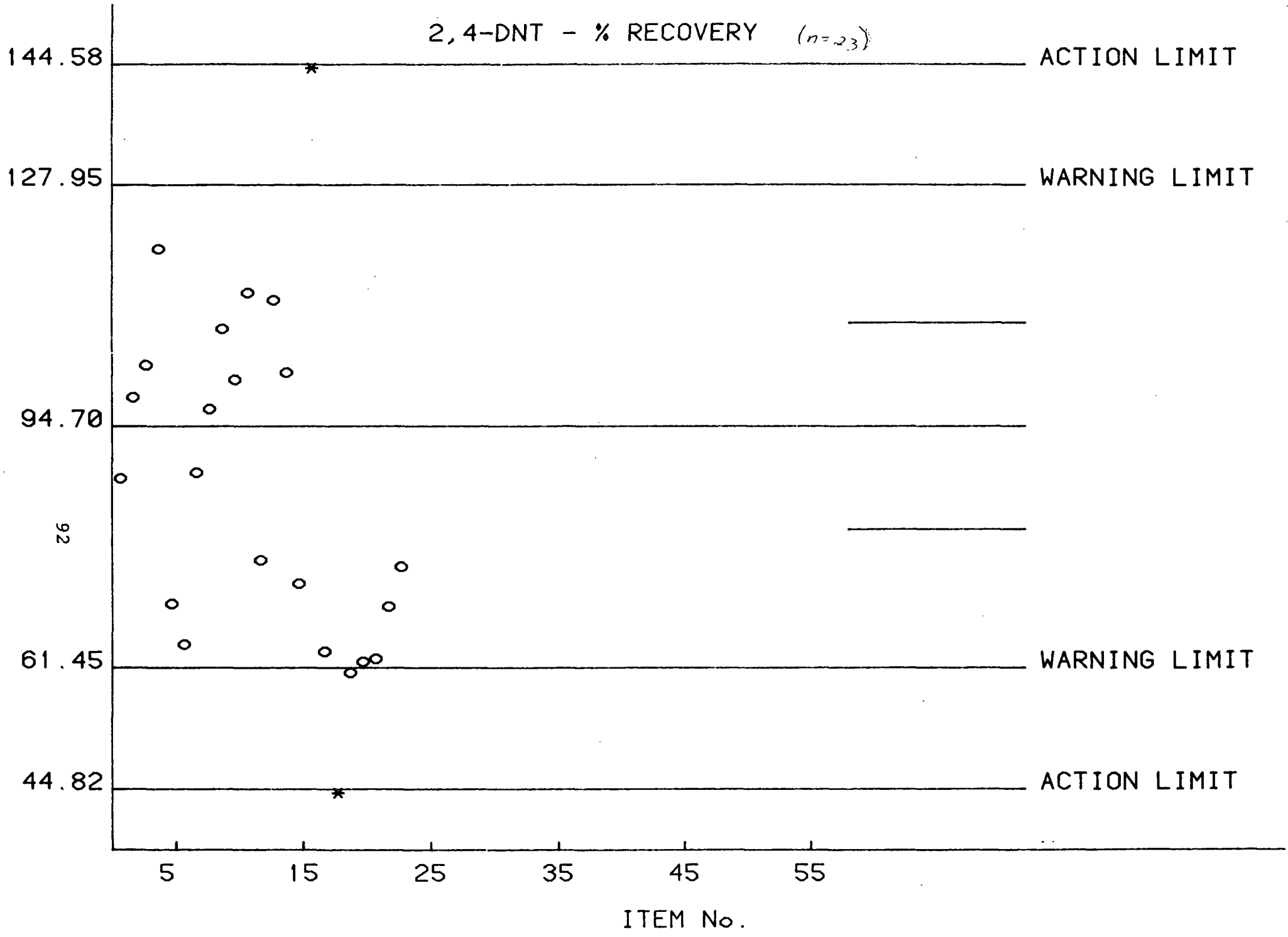
*** CONTROL CHART FOR 2,4-DNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	144.58 %
+2 S.D. (WARNING LIMIT)	=	127.95 %
+1 S.D.	=	111.33 %
MEAN ($\bar{X}$)	=	94.70 %
-1 S.D.	=	78.07 %
-2 S.D. (WARNING LIMIT)	=	61.45 %
-3 S.D. (ACTION LIMIT)	=	44.82 %
NUMBER OF POINTS (N)	=	22

*** CONTROL CHART FOR 2,4-DNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	144.58 %
+2 S.D. (WARNING LIMIT)	=	127.95 %
+1 S.D.	=	111.33 %
MEAN ($\bar{X}$)	=	94.70 %
-1 S.D.	=	78.07 %
-2 S.D. (WARNING LIMIT)	=	61.45 %
-3 S.D. (ACTION LIMIT)	=	44.82 %
NUMBER OF POINTS (N)	=	23

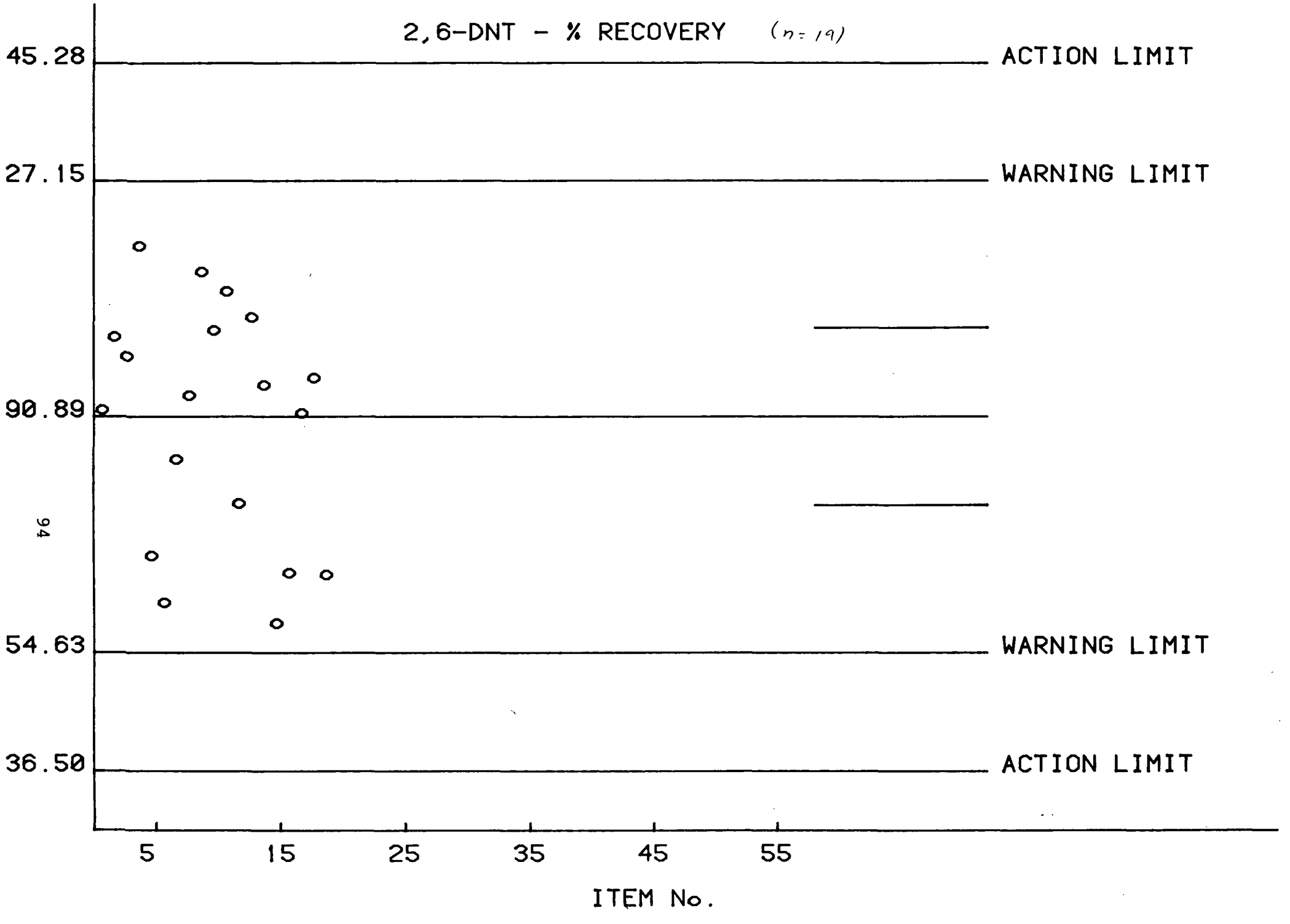
PREPARE PLOTTER FOR PLOT <Return When Ready>


2,4-DNT - % RECOVERY (n=23)
144.58
127.95
94.70
61.45
44.82
ACTION LIMIT
WARNING LIMIT
WARNING LIMIT
ACTION LIMIT
5
15
25
35
45
55
ITEM No.

```
****  CONTROL CHART FOR 2,6-DNT - % RECOVERY  ***

+3 S.D. (ACTION LIMIT)   = 145.28 %
+2 S.D. (WARNING LIMIT)  = 127.15 %
+1 S.D.                  = 109.02 %

MEAN (X̄)                 =  90.89 %

-1 S.D.                  =  72.76 %
-2 S.D. (WARNING LIMIT)  =  54.63 %
-3 S.D. (ACTION LIMIT)   =  36.50 %
```

PREPARE PLOTTER FOR PLOT (Return When Ready)

(n = 19)


2,6-DNT - % RECOVERY (n=19)
45.28
27.15
90.89
54.63
36.50
ACTION LIMIT
WARNING LIMIT
WARNING LIMIT
ACTION LIMIT
5
15
25
35
45
55
ITEM No.

**** CONTROL CHART FOR 2,6-DNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	143.76 %
+2 S.D. (WARNING LIMIT)	=	125.97 %
+1 S.D.	=	108.18 %
MEAN ($\bar{X}$)	=	90.38 %
-1 S.D.	=	72.59 %
-2 S.D. (WARNING LIMIT)	=	54.80 %
-3 S.D. (ACTION LIMIT)	=	37.01 %
NUMBER OF POINTS (N)	=	20

**** CONTROL CHART FOR 2,6-DNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	148.00 %
+2 S.D. (WARNING LIMIT)	=	130.29 %
+1 S.D.	=	112.57 %
MEAN ($\bar{X}$)	=	94.86 %
-1 S.D.	=	77.15 %
-2 S.D. (WARNING LIMIT)	=	59.43 %
-3 S.D. (ACTION LIMIT)	=	41.72 %
NUMBER OF POINTS (N)	=	21

**** CONTROL CHART FOR 2,6-DNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	148.00 %
+2 S.D. (WARNING LIMIT)	=	130.29 %
+1 S.D.	=	112.57 %
MEAN ($\bar{X}$)	=	94.86 %
-1 S.D.	=	77.15 %
-2 S.D. (WARNING LIMIT)	=	59.43 %
-3 S.D. (ACTION LIMIT)	=	41.72 %
NUMBER OF POINTS (N)	=	22

**** CONTROL CHART FOR 2,6-DNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	149.00 %
+2 S.D. (WARNING LIMIT)	=	130.29 %
+1 S.D.	=	112.57 %
MEAN ($\bar{X}$)	=	94.86 %
-1 S.D.	=	77.15 %
-2 S.D. (WARNING LIMIT)	=	59.43 %
-3 S.D. (ACTION LIMIT)	=	41.72 %
NUMBER OF POINTS (N)	=	23

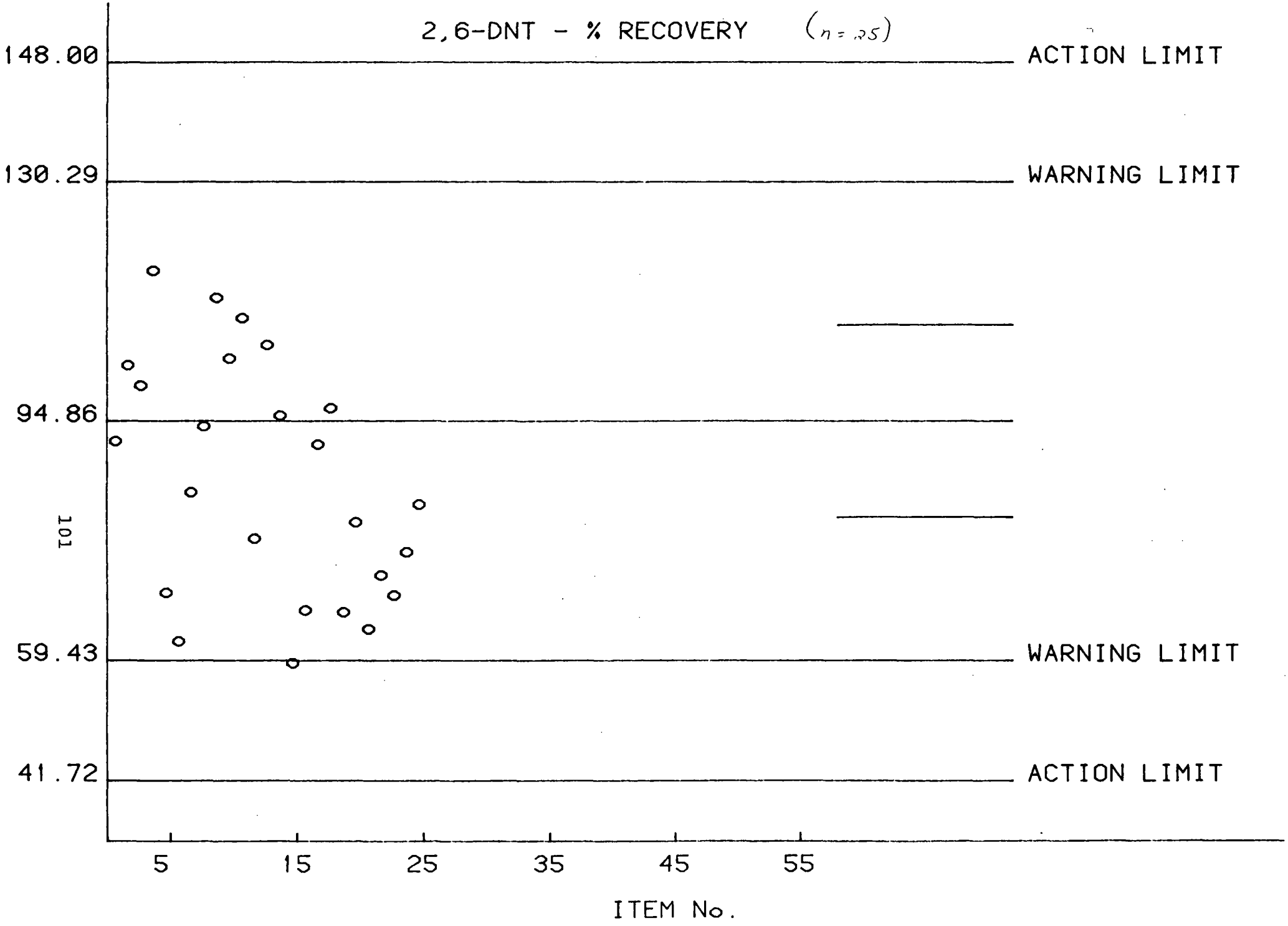
**** CONTROL CHART FOR 2,6-DNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	149.00 %
+2 S.D. (WARNING LIMIT)	=	130.29 %
+1 S.D.	=	112.57 %
MEAN ($\bar{X}$)	=	94.86 %
-1 S.D.	=	77.15 %
-2 S.D. (WARNING LIMIT)	=	59.43 %
-3 S.D. (ACTION LIMIT)	=	41.72 %
NUMBER OF POINTS (N)	=	24

*** CONTROL CHART FOR 2,6-DNT - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	148.00 %
+2 S.D. (WARNING LIMIT)	=	130.29 %
+1 S.D.	=	112.57 %
MEAN ($\bar{X}$)	=	94.86 %
-1 S.D.	=	77.15 %
-2 S.D. (WARNING LIMIT)	=	59.43 %
-3 S.D. (ACTION LIMIT)	=	41.72 %
NUMBER OF POINTS (N)	=	25

PREPARE PLOTTER FOR PLOT <Return When Ready>

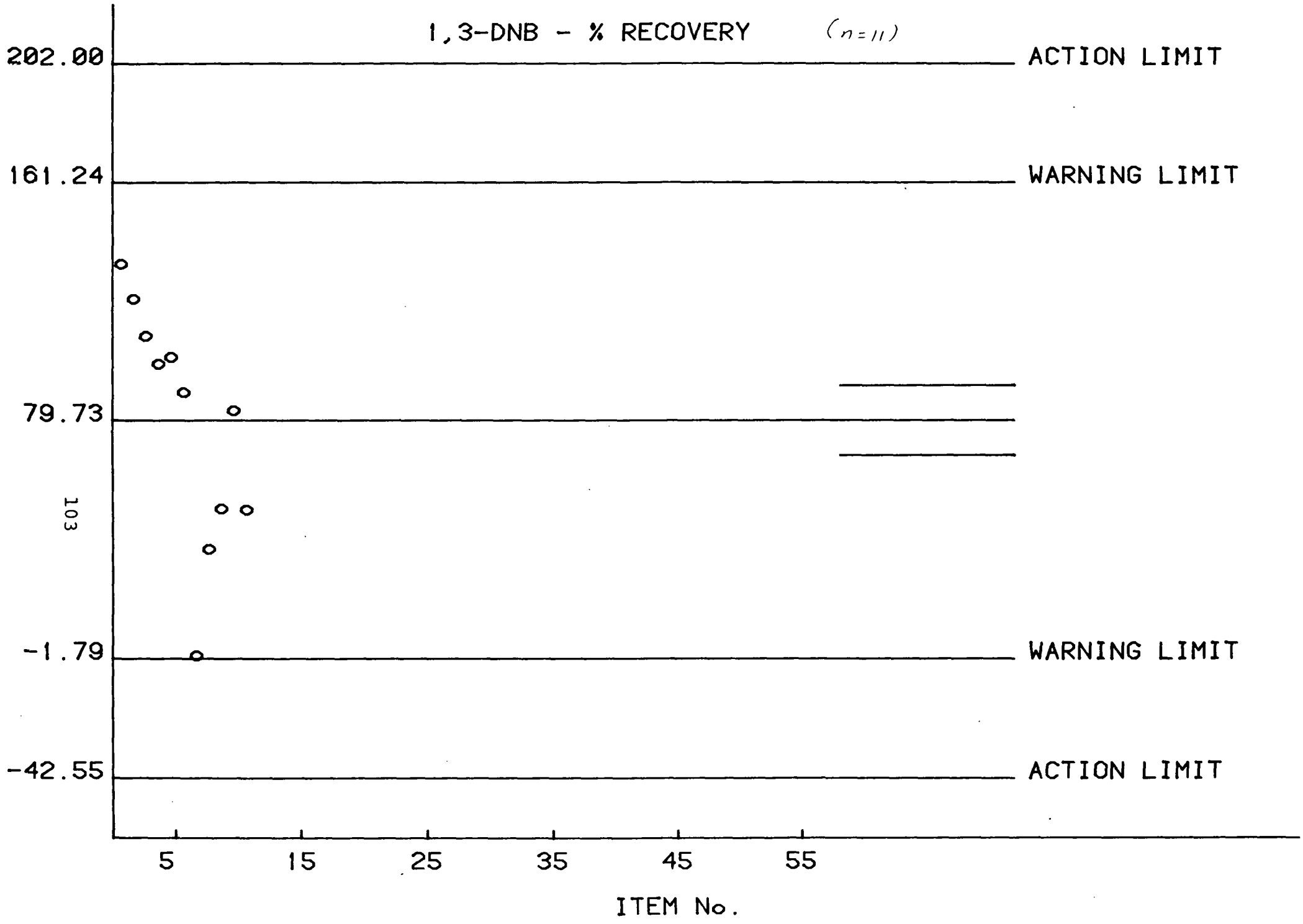

2,6-DNT - % RECOVERY
(n = 25)
148.00
ACTION LIMIT
130.29
WARNING LIMIT
94.86
59.43
WARNING LIMIT
41.72
ACTION LIMIT
5
15
25
35
45
55
ITEM No.

*** CONTROL CHART FOR 1,3-DNB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	202.00 %
+2 S.D. (WARNING LIMIT)	=	161.24 %
+1 S.D.	=	120.49 %
MEAN ($\bar{X}$)	=	79.73 %
-1 S.D.	=	38.97 %
-2 S.D. (WARNING LIMIT)	=	-1.79 %
-3 S.D. (ACTION LIMIT)	=	-42.55 %

PREPARE PLOTTER FOR PLOT <Return When Ready>

$n = 11$


1,3-DNB - % RECOVERY
(n=11)
202.00
ACTION LIMIT
161.24
WARNING LIMIT
79.73
-1.79
WARNING LIMIT
-42.55
ACTION LIMIT
5
15
25
35
45
55
ITEM No.

**** CONTROL CHART FOR 1,3-DNB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	195.91 %
+2 S.D. (WARNING LIMIT)	=	157.01 %
+1 S.D.	=	118.10 %
MEAN ($\bar{X}$)	=	79.20 %
-1 S.D.	=	40.30 %
-2 S.D. (WARNING LIMIT)	=	1.39 %
-3 S.D. (ACTION LIMIT)	=	-37.51 %
NUMBER OF POINTS (N)	=	12

**** CONTROL CHART FOR 1,3-DNB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	190.55 %
+2 S.D. (WARNING LIMIT)	=	152.98 %
+1 S.D.	=	115.40 %
MEAN ($\bar{X}$)	=	77.83 %
-1 S.D.	=	40.26 %
-2 S.D. (WARNING LIMIT)	=	2.68 %
-3 S.D. (ACTION LIMIT)	=	-34.89 %
NUMBER OF POINTS (N)	=	13

**** CONTROL CHART FOR 1,3-DNB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	185.71 %
+2 S.D. (WARNING LIMIT)	=	149.42 %
+1 S.D.	=	113.13 %
MEAN ($\bar{X}$)	=	76.84 %
-1 S.D.	=	40.56 %
-2 S.D. (WARNING LIMIT)	=	4.27 %
-3 S.D. (ACTION LIMIT)	=	-32.02 %
NUMBER OF POINTS (N)	=	14

**** CONTROL CHART FOR 1,3-DNB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	181.40 %
+2 S.D. (WARNING LIMIT)	=	146.20 %
+1 S.D.	=	111.00 %
MEAN ($\bar{X}$)	=	75.80 %
-1 S.D.	=	40.60 %
-2 S.D. (WARNING LIMIT)	=	5.40 %
-3 S.D. (ACTION LIMIT)	=	-29.80 %
NUMBER OF POINTS (N)	=	15

**** CONTROL CHART FOR 1,3-DNB - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	177.61 %
+2 S.D. (WARNING LIMIT)	=	143.59 %
+1 S.D.	=	109.57 %
MEAN ($\bar{X}$)	=	75.55 %
-1 S.D.	=	41.53 %
-2 S.D. (WARNING LIMIT)	=	7.51 %
-3 S.D. (ACTION LIMIT)	=	-26.51 %
NUMBER OF POINTS (N)	=	16

CONTROL CHART FOR 1,3-DNB - % RECOVERY

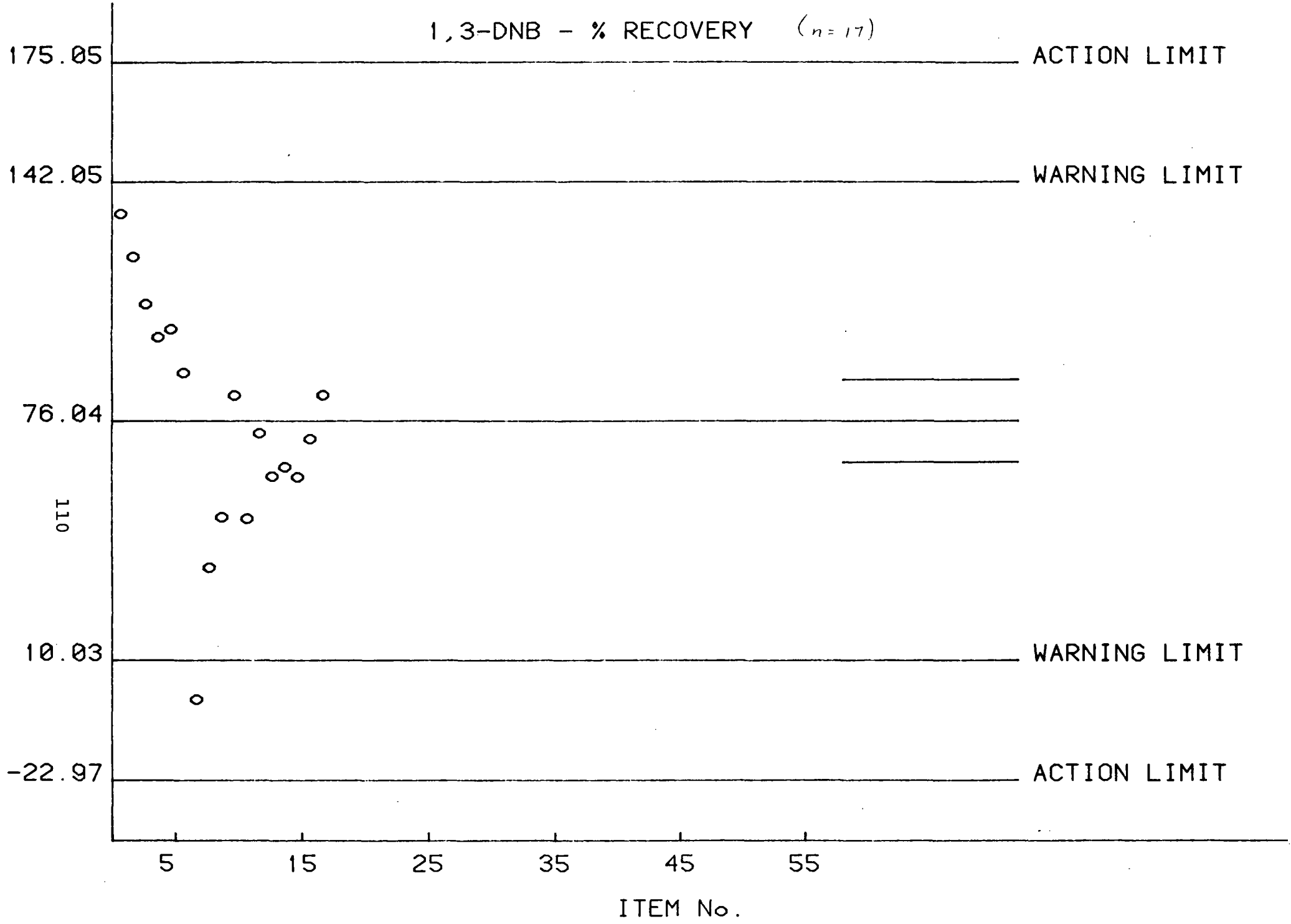
+3 S.D. (ACTION LIMIT) = 135.05 %
+2 S.D. (WARNING LIMIT) = 142.05 %
+1 S.D. = 109.04 %

MEAN ($\bar{X}$) = 76.04 %

-1 S.D. = 43.04 %
-2 S.D. (WARNING LIMIT) = 10.03 %
-3 S.D. (ACTION LIMIT) = -22.97 %

NUMBER OF POINTS (N) = 17

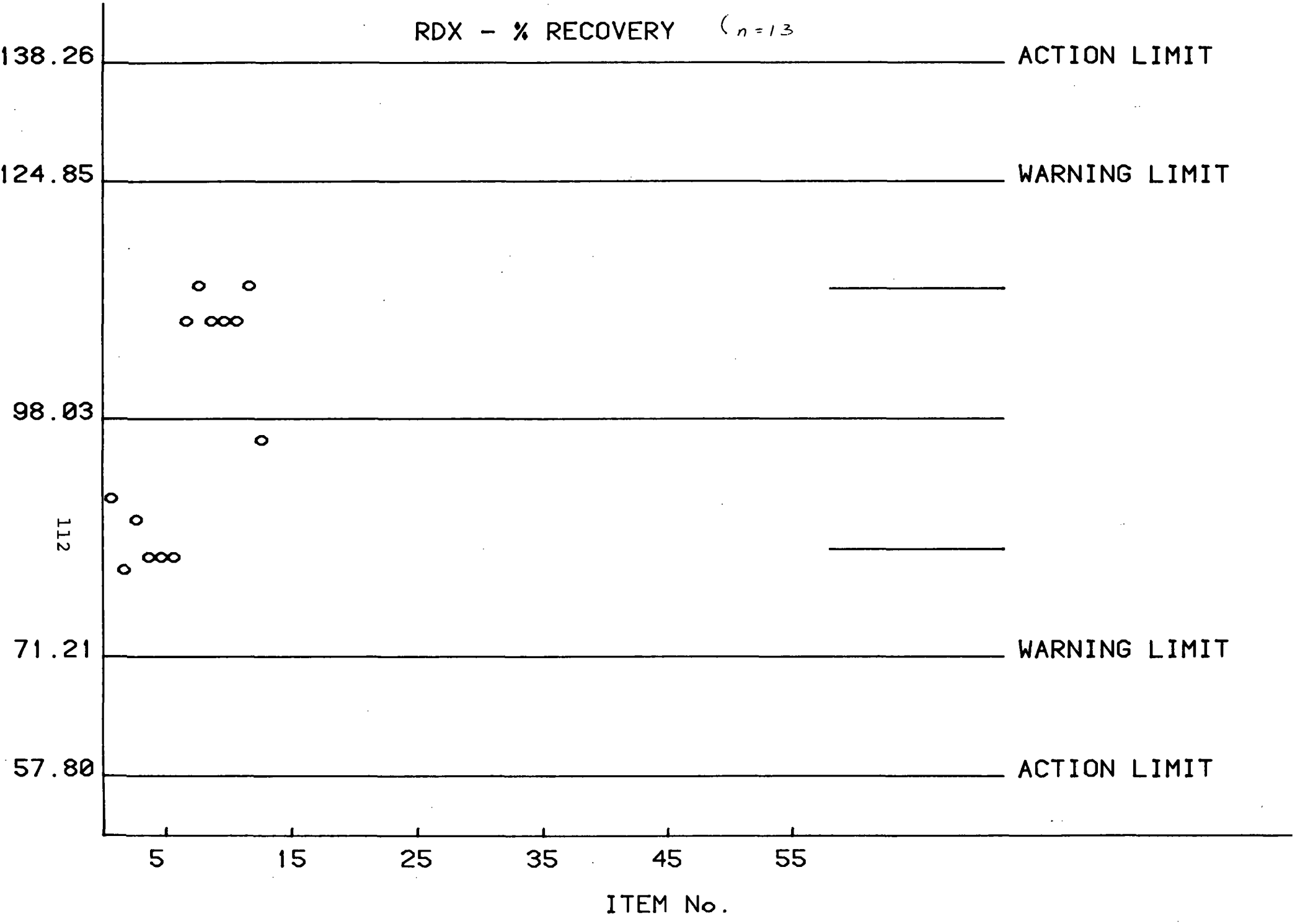
PREPARE PLOTTER FOR PLOT <Return When Ready>


1,3-DNB - % RECOVERY (n=17)
175.05
ACTION LIMIT
142.05
WARNING LIMIT
76.04
10.03
WARNING LIMIT
-22.97
ACTION LIMIT
5
15
25
35
45
55
ITEM No.

```
****  CONTROL CHART FOR RDX - % RECOVERY  ***

+3 S.D. (ACTION LIMIT)  = 138.26 %
+2 S.D. (WARNING LIMIT) = 124.85 %
+1 S.D.                 = 111.44 %

MEAN (X̄)                =  98.03 %

-1 S.D.                 =  84.62 %
-2 S.D. (WARNING LIMIT) =  71.21 %
-3 S.D. (ACTION LIMIT)  =  57.80 %
```

PREPARE PLOTTER FOR PLOT <Return When Ready>

$n = 13$


RDX - % RECOVERY (n=13
138.26
124.85
98.03
71.21
57.80
ACTION LIMIT
WARNING LIMIT
WARNING LIMIT
ACTION LIMIT
5
15
25
35
45
55
ITEM No.

```
****  CONTROL CHART FOR RDX - % RECOVERY  ***

+3 S.D. (ACTION LIMIT)  = 137.40 %
+2 S.D. (WARNING LIMIT) = 124.42 %
+1 S.D.                 = 111.44 %

MEAN (X̄)                =  98.46 %

-1 S.D.                 =  85.49 %
-2 S.D. (WARNING LIMIT) =  72.49 %
-3 S.D. (ACTION LIMIT)  =  59.51 %
```

N = 14

PREPARE PLOTTER FOR PLOT (Return When Ready)

**** CONTROL CHART FOR RDX - % RECOVERY ***

+3 S.D. (ACTION LIMIT)	=	136.32 %
+2 S.D. (WARNING LIMIT)	=	123.78 %
+1 S.D.	=	111.24 %
MEAN ($\bar{X}$)	=	98.69 %
-1 S.D.	=	86.15 %
-2 S.D. (WARNING LIMIT)	=	73.61 %
-3 S.D. (ACTION LIMIT)	=	61.07 %
NUMBER OF POINTS (N)	=	15

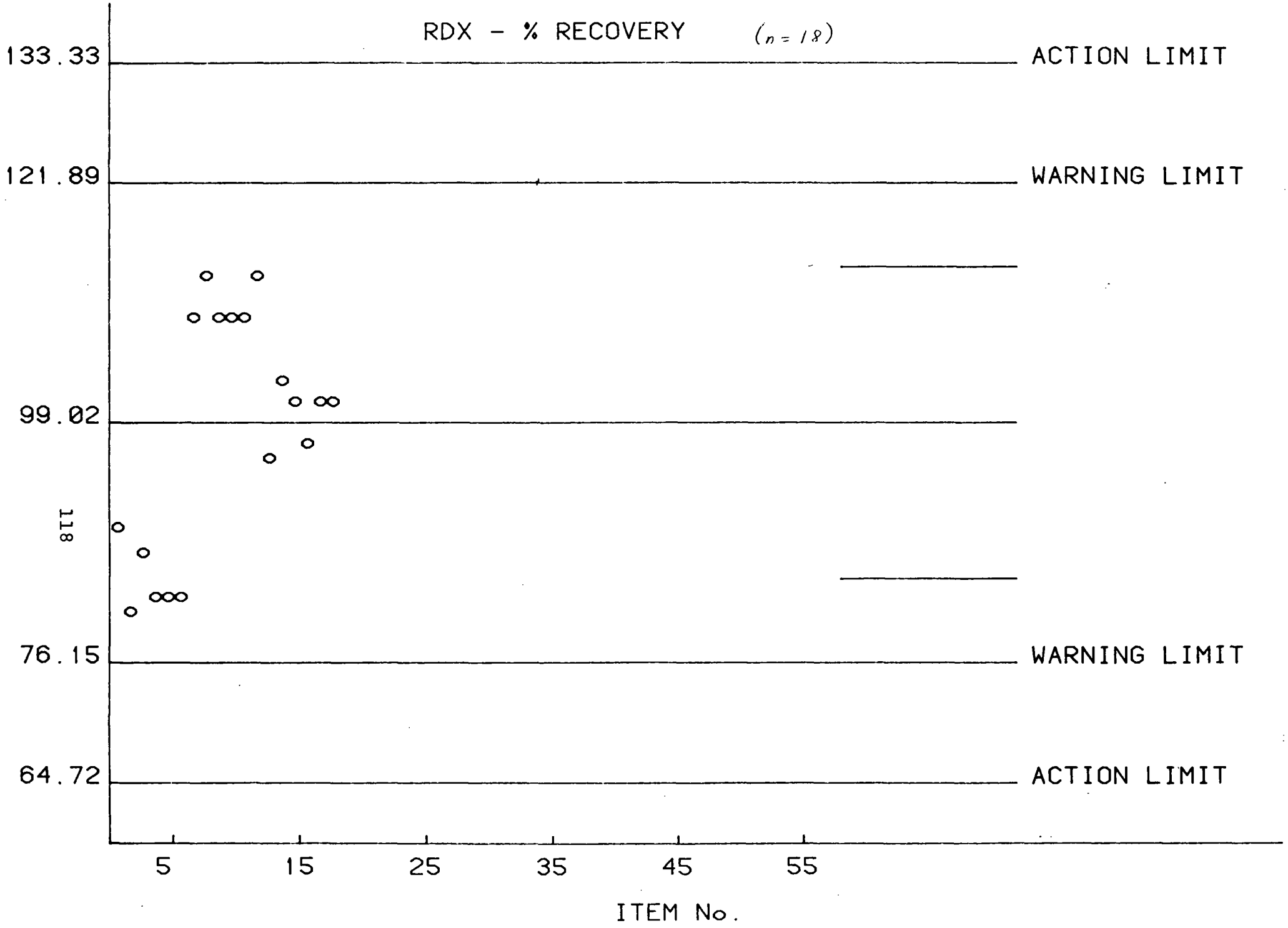
```
****  CONTROL CHART FOR RDX - % RECOVERY  ***

+3 S.D. (ACTION LIMIT)   = 135.01 %
+2 S.D. (WARNING LIMIT)  = 122.89 %
+1 S.D.                  = 116.77 %

MEAN (X̄)                 =  99.65 %

-1 S.D.                  =  86.53 %
-2 S.D. (WARNING LIMIT)  =  74.41 %
-3 S.D. (ACTION LIMIT)   =  62.29 %

NUMBER OF POINTS (N)     =  16


PREPARE PLOTTER FOR PLOT <Return When Ready>
```

```
****  CONTROL CHART FOR RDX - % RECOVERY  ***

+3 S.D. (ACTION LIMIT)  = 134.13 %
+2 S.D. (WARNING LIMIT) = 122.37 %
+1 S.D.                 = 110.61 %

MEAN (X̄)                = 98.85 %

-1 S.D.                 = 87.09 %
-2 S.D. (WARNING LIMIT) = 75.32 %
-3 S.D. (ACTION LIMIT)  = 63.56 %

NUMBER OF POINTS (N)    = 17


PREPARE PLOTTER FOR PLOT <Return When Ready>
```

CONTROL CHART FOR RDX - % RECOVERY

+3 S.D. (ACTION LIMIT)	=	133.33 %
+2 S.D. (WARNING LIMIT)	=	121.89 %
+1 S.D.	=	110.46 %
MEAN ($\bar{X}$)	=	99.02 %
-1 S.D.	=	87.58 %
-2 S.D. (WARNING LIMIT)	=	76.15 %
-3 S.D. (ACTION LIMIT)	=	64.72 %
NUMBER OF POINTS (N)	=	18

PREPARE PLOTTER FOR PLOT <Return When Ready>


RDX - % RECOVERY
(n = 18)
133.33
121.89
99.02
76.15
64.72
ACTION LIMIT
WARNING LIMIT
WARNING LIMIT
ACTION LIMIT
118
5
15
25
35
45
55
ITEM No.