

# ornl

OAK RIDGE  
NATIONAL  
LABORATORY

MARTIN MARIETTA

MARTIN MARIETTA ENERGY SYSTEMS LIBRARIES



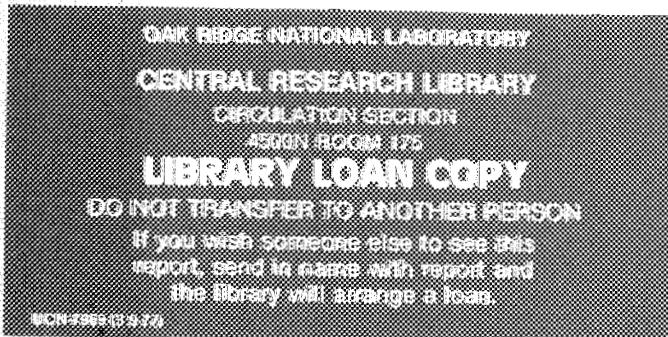
3 4456 0320875 8

ORNL/TM-11713

## Guide to Groundwater Well Locations and Information at Oak Ridge National Laboratory

D. D. Huff  
M. A. Faulkner

Environmental Sciences Division  
Publication No. 3607



MANAGED BY  
MARTIN MARIETTA ENERGY SYSTEMS, INC.  
FOR THE UNITED STATES  
DEPARTMENT OF ENERGY

This report has been reproduced directly from the best available copy.

Available to DOE and DOE contractors from the Office of Scientific and Technical Information, P.O. Box 62, Oak Ridge, TN 37831; prices available from (615) 576-8401, FTS 526-8401.

Available to the public from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Rd., Springfield, VA 22161.

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

Environmental Sciences Division

GUIDE TO GROUNDWATER WELL  
LOCATIONS AND INFORMATION  
AT OAK RIDGE NATIONAL LABORATORY

D. D. Huff  
M. A. Faulkner

Environmental Sciences Division  
Publication No. 3607

Date Published: September 1991

Prepared for  
U.S. Department of Energy  
Office of Environmental Restoration and Waste Management  
under budget and reporting code EX 26 42 00 00 0

Prepared by the  
OAK RIDGE NATIONAL LABORATORY  
Oak Ridge, Tennessee  
managed by  
MARTIN MARIETTA ENERGY SYSTEMS, INC.  
for the  
U.S. Department of Energy  
under contract DE-AC05-84OR21400

MARTIN MARIETTA ENERGY SYSTEMS LIBRARIES



3 4456 0320875 8



## **Contents**

	<b>Page</b>
List of Figures .....	v
List of Tables .....	vii
Acknowledgements .....	ix
Abstract .....	xi
Acronyms and Initialisms .....	xiii
Guide to Listings of Well Information .....	xv
1. Introduction .....	1
2. Organization .....	2
3. Overview .....	3
4. Guide to figures and tables .....	4
Distribution .....	75



## List of Figures

Figure	Page
1. ORNL Waste Area Groupings (WAGs), including WAGs where no further action is planned, and locations of Bethel Valley background water-quality wells .....	5
2. GIS windows used to display non-water-quality wells .....	10
3. Water-quality wells in WAG 1 .....	12
4. Additional wells in the WAG 1 window .....	14
5. Water-quality wells in WAG 2 .....	18
6. Additional wells in WAG 2 .....	20
7. Water-quality wells in WAG 3 .....	23
8. Additional wells in the WAG 3 window .....	25
9. Water-quality wells in WAG 4 .....	27
10. Additional wells in the WAG 4 window .....	29
11. Water-quality wells in WAG 5 .....	32
12. Additional wells in the WAG 5 window .....	34
13. Water-quality wells in WAG 6 .....	41
14. Additional wells in the WAG 6 window .....	43
15. Water-quality wells in WAG 7 .....	48
16. Additional wells in the WAG 7 window .....	50
17. Water-quality wells in WAG 8 .....	56
18. Water-quality wells in WAG 9 .....	58
19. Additional wells in the WAG 8 and 9 windows .....	60
20. Hydrofracture well locations .....	64
21. Water-quality wells in WAG 11 .....	67
22. Additional wells in the WAG 11 window .....	69
23. Water-quality wells in WAG 17 .....	71
24. Additional wells in the WAG 17 window .....	73



## List of Tables

<b>Table</b>	<b>Page</b>
1. Key dates for installation of WAG perimeter wells .....	6
2. Dates for completion of WAG perimeter wells .....	7
3. Data sets containing ORNL non-water-quality well locations .....	11
4. Water-quality wells in WAG 1 .....	13
5. Non-water-quality wells within the WAG 1 window .....	15
6. Water-quality wells in WAG 2 .....	19
7. Non-water-quality wells within the WAG 2 boundary .....	21
8. Water-quality wells in WAG 3 .....	24
9. Non-water-quality wells within the WAG 3 window .....	26
10. Water-quality wells in WAG 4 .....	28
11. Non-water-quality wells within the WAG 4 window .....	30
12. Water-quality wells in WAG 5 .....	33
13. Non-water-quality wells within the WAG 5 window .....	35
14. Water-quality wells in WAG 6 .....	42
15. Non-water-quality wells within the WAG 6 window .....	44
16. Water-quality wells in WAG 7 .....	49
17. Non-water-quality wells within the WAG 7 window .....	51
18. Water-quality wells in WAG 8 .....	57
19. Water-quality wells in WAG 9 .....	59
20. Non-water-quality wells within the WAG 8 and 9 window .....	61
21. Hydrofracture wells in the ORNL area .....	65
22. Water-quality wells in WAG 11 .....	68
23. Non-water-quality wells within the WAG 11 window .....	70
24. Water-quality wells in WAG 17 .....	72
25. Non-water-quality wells within the WAG 17 window .....	74



## Acknowledgments

The ability to prepare this *Guide to Groundwater Well Locations and Information* depends primarily upon the data base containing the information. Many investigators have participated in the generation of the data, but the efforts of L. D. Voorhees, W. J. Boegly, J. Switek, R. H. Ketelle, and D. A. Webster (U. S. Geological Survey) are noteworthy because of their efforts over the years to preserve the information and organize the raw field data into a useful format. More recently, J. A. Greene contributed directly to this report by compiling the summary of waste area grouping (WAG) perimeter wells that appears as Table 1. The authors also wish to acknowledge the contributions of the many others who participated in discussion, review, and compilation of this guide.



## **Abstract**

HUFF, D. D. and M. A. Faulkner. 1991. Guide to groundwater well locations and information at ORNL. ORNL/TM-11713. Oak Ridge National Laboratory, Oak Ridge, Tennessee. 92 pp.

The need for a guide to groundwater monitoring wells at Oak Ridge National Laboratory (ORNL) has steadily increased over the past decade. This guide displays well locations in the context of waste area groupings (WAGs) and includes a simple tabulation of well location and depth for over 1400 wells. Although this information is not all-inclusive, it allows the reader to identify areas of interest and serves as a starting point for the development of maps and tabular data to meet a variety of needs. The scope of this guide is anticipated to expand in the future to include wells that have been plugged and abandoned, and to indicate general water chemistry features.



## **Acronyms and Initialisms**

BNI	Bechtel National Inc.
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
EPA	U.S. Environmental Protection Agency
GIS	Geographic Information System
ORNL	Oak Ridge National Laboratory
OSWER	EPA Office of Solid Waste and Emergency Response
RCRA	Resource Conservation and Recycling Act
RI/FS	Remedial Investigation/Feasibility Study
SWSA	solid waste storage area
TARA	test area for remedial action
USGS	U.S. Geological Survey
WAG	waste area grouping



## Guide to Listings of Well Information

The variables listed to describe wells are as follows; however, more detailed information on the full content of the data base is available in data files within the data base.

OBS	— Sequential number for the particular observation on the data set. It has no significance other than to count the total number of wells listed.
WELL	— Well identifier or the designator marked on the well casing for field identification.
TYPE_WELL	— The data-set descriptor, which indicates general the class or category of well.
WAG	— The waste area grouping that contains the well. Values of -1 indicate the well does not lie within any WAG boundary.
EASTING	— The grid coordinate (ORNL plant grid) that measures distance in feet normal to a north-south running reference line that lies at the western edge of the ORNL area.
NORTHING	— The grid coordinate (ORNL plant grid) that measures distance in feet normal to an east-west running reference line that lies at the south edge of the ORNL area.
DEPTH	— The recorded well depth in feet (distance from ground surface to the bottom of the borehole), which relates to some pre-remedial action wells and the hydrofracture wells.
TDEPTH	— Depth from ground surface to the bottom of the borehole in feet, measured during construction (relates to hydraulic head monitoring station wells).
CDEPTH	— Calculated depth of well in feet. It is ground elevation minus bottom of borehole elevation (relates to piezometer wells, USGS wells, CERCLA wells, TARA wells, and some of the pre-remedial action program wells).
STATUS	— Indicates whether a well is active (1) or inactive (0). Some inactive wells may be damaged beyond usefulness.
DESTR_YR	— Calendar year the well was destroyed.
DESTSTRUCT	— Year and month well was destroyed.
INSTDATE	— Date (day, month, and year) the well installation was completed.
VERI_CON	— Indicates whether the responsible party for well construction has verified and signed off on the accuracy of information in the data set.
SAMPINT	— The depth in feet to top and bottom of the (screened) sampling zone for the well.



## 1. Introduction

The information contained in this document is intended to provide a working guide to the well construction data sets described by Hook et al.<sup>1</sup>. The primary objective is to display well locations in the context of Oak Ridge National Laboratory (ORNL) waste area groupings (WAGs) in a format that shows both spatial relationships and tabulates the simplest well characteristic (depth) together with well name and grid location. Description of the criteria used to define the WAGs is beyond the scope of this document. Figures and tables are intended to allow a reader to quickly locate wells in an area of interest and thus indicate the locations and depths of observation wells that can be considered for data collection. Details of other data sets associated with the wells, such as water level observations and water chemistry, may be found in Hook et al.

---

1. L. A. Hook, L. D. Voorhees, M. J. Gentry, M. A. Faulkner, J. A. Shaakir-Ali, K. A. Newman, R. A. McCord, L. F. Goins, and P. T. Owen. *Data Base Management Activities for the Remedial Action Program at ORNL: Calendar Year 1989*, ORNL/ER-16, Oak Ridge National Laboratory, Oak Ridge, Tenn. 1990.

## 2. Organization

The organization of this document is a sequential presentation of WAGs that have been given the highest priority for remedial action. Omission of a particular WAG does not mean there are no entries in the data base. For areas not included here, consult the data base manager.

The general format begins with a map (figure) centered on the WAG that shows locations of the perimeter water-quality monitoring wells. These are wells that have been installed to meet the guidance provided by the U.S. Environmental Protection Agency (EPA) for water-quality monitoring wells. Next, there is a figure that shows locations of all other types of wells within the "window" containing the WAG. All figures have been generated by using the ARC INFO Geographic Information System (GIS) and are representative of the range of display options that can be brought to bear for information management. Because of the nature of this guide, no attempt has been made to show well identifiers in the figures presented here. That need can be easily met by using a more appropriate scale for map generation by the GIS. Finally, a tabulation of all of the non-water-quality well identifiers, grid coordinates, and depths has been included.

### 3. Overview

This is not meant to be an all-inclusive listing of information. More data are available in the data base, but they have not been included in this quick guide.

It should also be noted that there is not an absolute assurance that every single point shown is precisely accurate to the nearest foot. Even after considerable checking of survey calculations and double-entry procedures for data base values, some location errors probably occur. Display of the data in map format has been an important tool in identifying grid location errors. Users are encouraged to report any errors found, so these errors can be resolved and corrected in the data base. The intention is that GIS figures can be generated for a variety of uses, at whatever scale is most appropriate, and used in the field to guide investigations. It is also anticipated that this guide will expand in scope over time to include display of wells that have been plugged and abandoned or perhaps to include information on water table configurations or general water chemistry. Consideration will also be given to including display of surface-water monitoring installations, since there is a very important relationship between the shallow groundwater system and the streams on the ORNL site.

#### 4. Guide to Figures and Tables

There has been a separation of data into two categories. One for wells recently installed to monitor water quality, and one for all additional wells that have been constructed since the ORNL complex was established. This distinction is made because the requirements for construction methods and documentation have changed dramatically in the past few years. The water-quality monitoring wells represent a subset of ORNL wells that fully meet the guidelines put forth in the Resource Conservation and Recycling Act (RCRA) ground-water monitoring technical enforcement guidance document issued by the EPA Office of Solid Waste and Emergency Response in 1986 (OSWER-9950.1). The additional wells at ORNL, called non-water-quality wells in this guide, represent a useful resource for determining characteristics of the groundwater flow system and have been included to present a complete and comprehensive well inventory.

Figure 1 is a GIS-drawn map of the boundaries of all 20 WAGs that have been defined for ORNL by Rogers et al.<sup>2</sup> This figure is presented here to show the relationships between the various WAGs. The ORNL monitoring strategy has been to develop a system of wells that adequately monitors groundwater flow and possible contaminant migration across WAG boundaries. In some cases, wells can provide data that are useful to more than one WAG. Table 1 provides a summary of key dates associated with the newest set of groundwater-quality monitoring wells that are primarily located at WAG perimeters, and Table 2 shows completion dates for all of these 173 wells. Much of the construction data for these wells are still being

---

2. J. G. Rogers, K. L. Daniels, S. T. Goodpasture, C. W. Kimbrough, and N. L. Prince. 1989. Oak Ridge Reservation Environmental Report for 1988, *Vol. I: Narrative, Summary, and Conclusions*. ES/ESH-8/V1, Oak Ridge National Laboratory, Oak Ridge, Tenn. 1989.

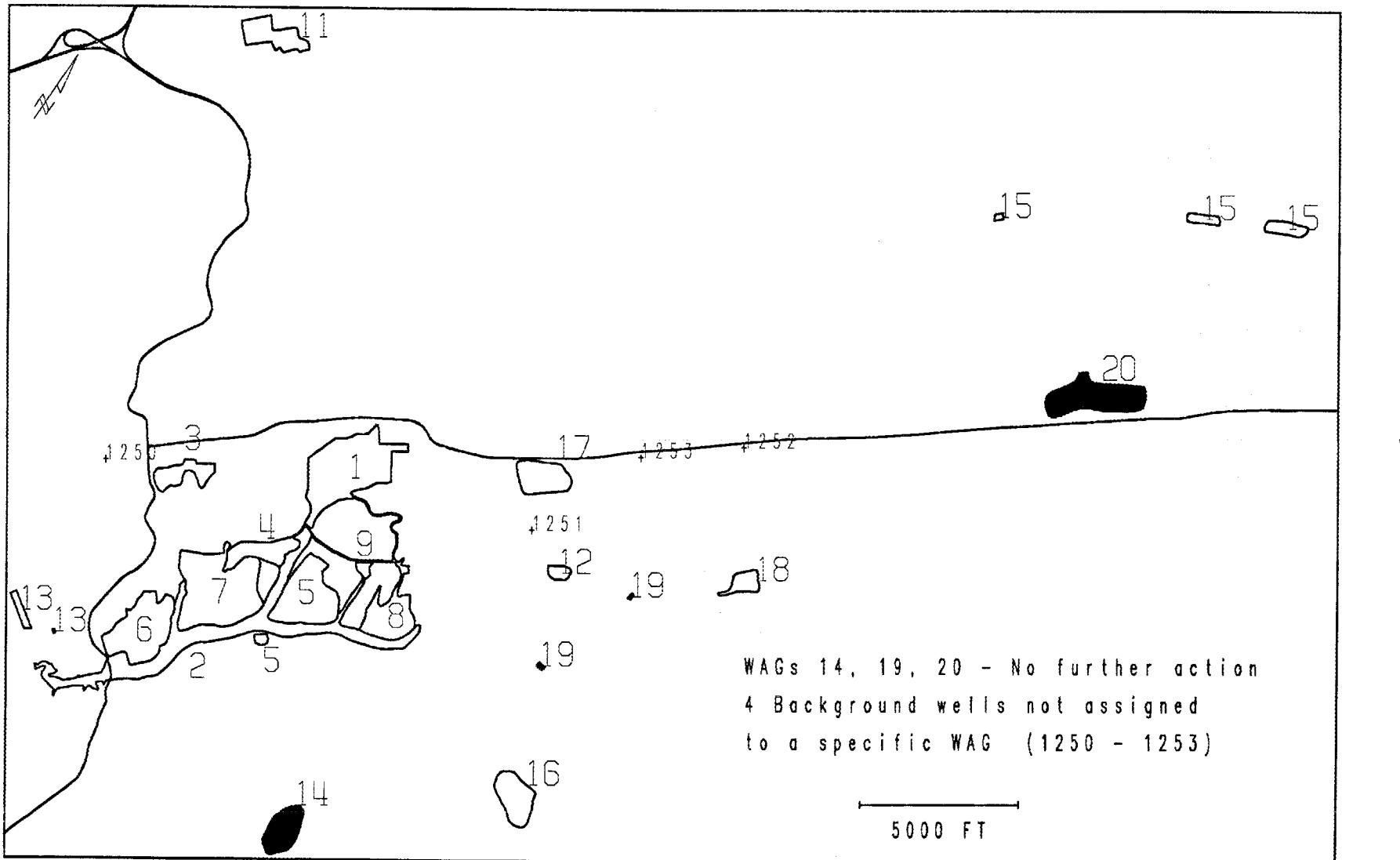


Fig. 1. ORNL waste area groupings (WAGs) including WAGs where no further action is planned and locations of Bethel Valley background water-quality wells.

Table 1.

KEY DATES FOR INSTALLATION OF WAG PERIMETER WELLS REV: 9/28/90

	TRANSMITTED WELL LOCATION CRITERIA TO ENGINEERING	INVITATION TO REGULATORS TO VISIT PROPOSED WELL LOCATIONS	SUBMITTED DRAFT SET OF DATA PACKAGES TO EMC'D	DATES OF FIRST-YEAR QUARTERLY SAMPLING			
				1ST	2ND	3RD	4TH
WAG 1 - MAIN PLANT SWSA 1	OCT 21, 1986 SEP 14, 1987	DEC 19, 1987** APR 9, 1987	MAY 19, 1988 APR 17, 1990	DEC 88 JUN 90	JAN 89 ---	MAY 89 ---	AUG 89 ---
WAG 2 - WOC/WOL: UPPER LOWER	APRIL 1988* OCTOBER 1988*	FEB 10, 1988 AUG 12, 1988	---	---	---	---	---
WAG 3 - SWSA 3/CLF	SEP 14, 1987	APR 9, 1987	---	---	---	---	---
WAG 4 - SWSA 4	SEP 14, 1987	APR 9, 1987	---	---	---	---	---
WAG 5 - SWSA 5/HF PLANTS	SEP 14, 1987	APR 9, 1987	JUNE 1, 1990	AUG 90	---	---	---
WAG 6 - SWSA 6	OCT 21, 1986	DEC 19, 1987*	MARCH 1988	JUN 88	OCT 88	JAN 89	MAY 89
WAG 7 - PITS & TRENCHES	SEPTEMBER 1987*	OCT 9, 1987	APR 17, 1990	JUN 90	---	---	---
WAG 8 - MELTON VALLEY	SEPTEMBER 1987*	OCT 9, 1987	---	---	---	---	---
WAG 9 - HRT POND	SEPTEMBER 1987*	OCT 9, 1987	---	---	---	---	---
WAG 11 - WHITE WING SCRAPYARD	APRIL 1988*	FEB 10, 1988	---	---	---	---	---
WAG 17 - 7000 AREA	OCTOBER 1988*	AUG 12, 1988	---	---	---	---	---

\* DATE OF MCI REPORT CONTAINING CRITERIA

\*\* DATE OF ACTUAL VISIT BY REGULATORS

--- EVENT HAS NOT YET OCCURRED

Table 2.

## DATES FOR COMPLETION OF WAG PERIMETER WELLS

REV: 9/28/90

(WELL IS CONSIDERED INSTALLED WHEN CASING IS GROUTED IN PLACE.)

WAG 1 MAIN PLANT	WAG 2 WOC/WOL	WAG 3 SWSA 3/CLF	WAG 4 SWSA 4	WAG 5 SWSA 5/HF	WAG 6 SWSA 6
27 WELLS	18 WELLS	15 WELLS	15 WELLS	22 WELLS	30 WELLS
WELL NO.	DATE INSTAL'D	WELL NO.	DATE INSTAL'D	WELL NO.	DATE INSTAL'D
806	5-12-87	1150	12-14-89	985	11-29-89
807	5-6-87	1151	12-12-89	986	11-20-89
808	5-4-87	1152	12-13-89	987	11-18-87
809	4-19-87	1153	12-20-89	988	11-9-87
810	5-5-87	1154	12-6-89	990	12-31-87
811	5-12-87	1155	12-6-89	991	11-12-87
812	5-14-87	1156	9-20-90*	992	9-28-87
813	6-1-87	1185	1-2-90	993	12-9-87
814	6-11-87	1186	12-19-89	994	1-14-88
815	5-20-87	1187	12-21-89	995	12-5-89
816	5-1-87	1188	1-5-90	996	11-28-89
817	5-15-87	1189	5-1-90	997	11-27-89
818	6-2-87	1190	5-10-90	998	9-25-87
819	5-20-87	1191	5-14-90	1247	5-25-90
820	7-1-87	1192	5-23-90	1248	5-21-90
821	6-22-87	1193	1-18-90		978
822	6-18-87	1194	2-12-90		979
823	6-11-87	1195	2-6-90		980
824	6-4-87				981
825	5-8-87				982
826	5-13-87				983
827	4-30-87				984
828	6-29-87				
829	5-1-87				
830	5-13-87				
946	8-16-89				
947	7-25-89				

\* ORIGINALLY DRILLED 12-90; WAS REDRILLED (DEEPPENED) ON DATE SHOWN.

Table 2. (continued)

## DATES FOR COMPLETION OF WAG PERIMETER WELLS

REV: 9/28/90

(WELL IS CONSIDERED INSTALLED WHEN CASING IS GROUTED IN PLACE.)

WAG 7 PITS/TRENCHES		WAG 8 MELTON V.		WAG 9 AREA HRT POND		WAG 11 WW SCRAPYARD		WAG 17 7000 AREA	
16 WELLS		9 WELLS		2 WELLS		11 WELLS		8 WELLS	
WELL NO.	DATE INSTAL'D	WELL NO.	DATE INSTAL'D	WELL NO.	DATE INSTAL'D	WELL NO.	DATE INSTAL'D	WELL NO.	DATE INSTAL'D
1071	7-17-89	1087	9-21-89	1096	4-27-90	1139	1-22-90	1196	11-21-89
1072	6-30-89	1088	1-5-90	1097	4-25-90	1140	3-5-90	1197	11-28-89
1073	7-6-89	1089	10-12-89			1141	2-14-90	1198	11-20-89
1074	8-10-89	1090	10-11-89			1143	3-6-90	1199	11-15-89
1075	8-8-89	1091	12-12-89			1144	2-15-90	1200	11-13-89
1076	8-14-89	1092	11-16-89			1145	1-15-90	1201	12-7-89
1077	8-8-89	1093	12-8-89			1146	2-27-90	1202	12-11-89
1078	8-15-89	1094	10-9-89			1147	1-29-90	1203	1-4-90
1079	7-20-89	1095	10-13-89			1148	3-1-90		
1080	7-28-89					1149	3-1-90		
1081	8-21-89					1246	9-25-90		
1082	8-25-89					1142	3-7-90**		
1083	8-11-89								
1084	8-9-89								
1085	8-8-89								
1086	7-27-89								

\*\* PLUGGED &amp; ABANDONED; REPLACED BY WELL 1246.

checked and are not available. The actual locations for the wells have been put in the GIS data set and are shown on subsequent figures for individual WAGs, even though the final data have not been entered into the master data set at this point. It should also be noted that 22 water-quality monitoring wells were installed around ORNL impoundments in an earlier construction phase. In addition, Bechtel National, Inc., (BNI) has installed 26 water-quality monitoring wells as part of their subcontract to conduct remedial investigation/feasibility studies (RI/FS) for ORNL. Thus, the total number of water quality wells is 221 at present.

Figure 2 depicts the "windows" used to display various WAGs. The figure shows the considerable overlap between windows for adjacent WAGs. It is important to recognize that this overlap exists, because it results in some wells appearing in more than one figure. Since the listings for additional (non-water-quality) wells include all wells in a window, the totals for all windows will be greater than the actual number of wells present, because of overlap. However, because an individual well can provide useful information for more than one WAG, the format presented here was selected rather than restricting display of each well to a single WAG. Within the large window containing all the WAGs, there are 221 water-quality monitoring wells and 1214 additional wells in the data set. It should be noted that the general category of non-water-quality wells is drawn from seven individual data sets associated with different types of wells. The various types are listed in Table 3, which has been adapted from Hook et al.<sup>3</sup> Figure 3 and Table 4 plus Figure 4 and Table 5 are the first in a series that shows locations of water-quality wells and all additional wells in the WAG windows. The same general pattern is followed for subsequent WAGs.

---

3. L. A. Hook, L. D. Voorhees, M. J. Gentry, M. A. Faulkner, J. A. Shaakir-Ali, K. A. Newman, R. A. McCord, L. F. Goins, and P. T. Owen. *Data Base Management Activities for the Remedial Action Program at ORNL: Calendar Year 1989*. ORNL/ER-16, Oak Ridge National Laboratory, Oak Ridge, Tennessee, 1990.



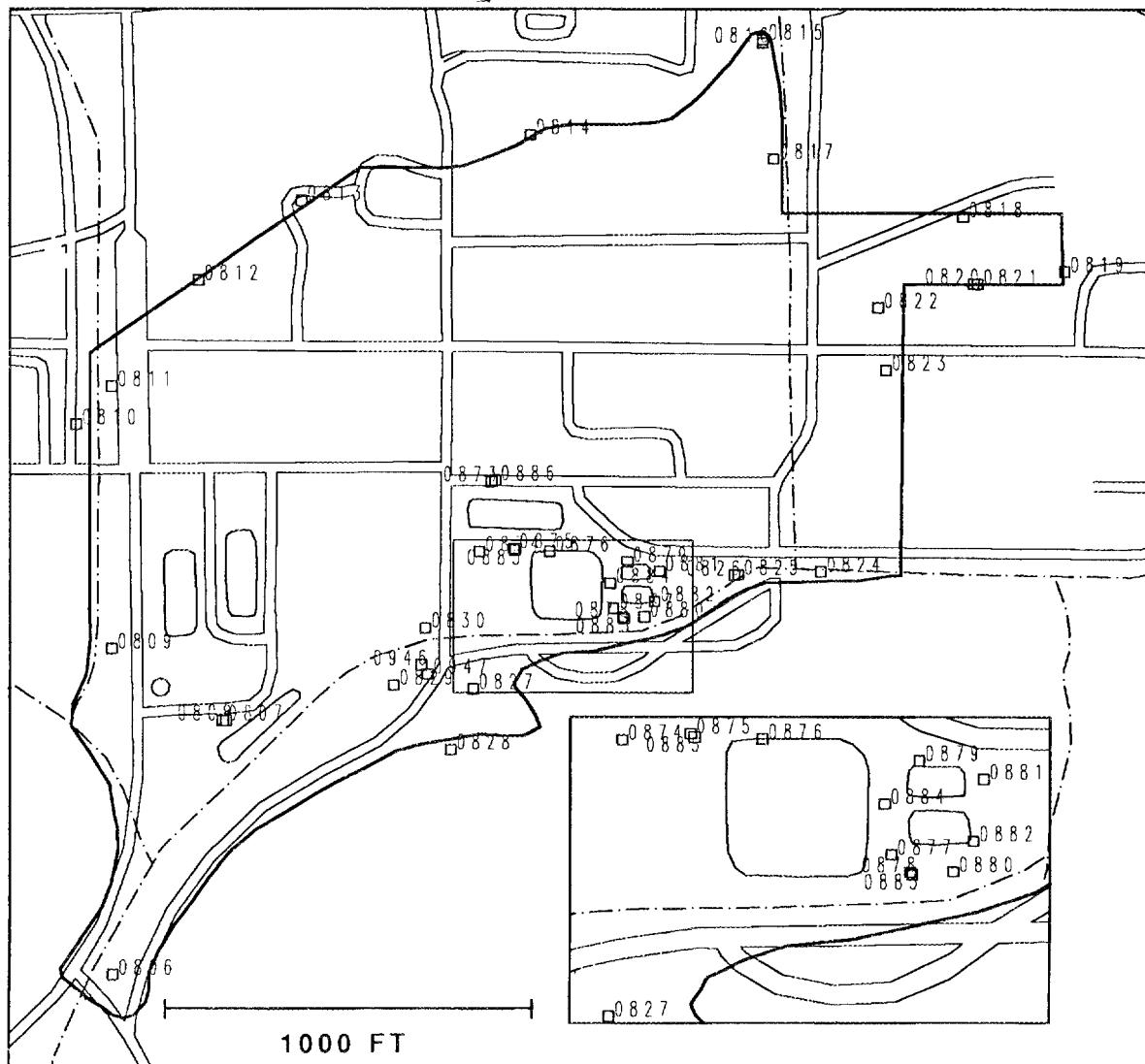
Fig. 2. GIS windows used to display non-water-quality wells.

**Table 3. Data sets containing ORNL non-water-quality well locations**

<u>Data Set</u>	<u>Description of Data Set<sup>a</sup></u>	<u>Time Period</u>	<u>Number of Observations</u>	<u>Number of Variables</u>
PIEZCONS	Construction data on piezometer wells installed by RAP	05DEC85 - 21JUL87	348	33
PRAPCONS	Construction data on monitoring wells installed before establishment of RAP	1949 - 1983	763	32
HHMSCONS	Construction data on hydrostatic head monitoring stations installed by RAP	17MAR86 - 07APR88	31	45
HFCONS	Construction data on hydrofracture wells installed before establishment of RAP	1959 - 1984	89	34
CERCONS	Construction data on water quality wells installed by RAP to comply with CERCLA	08JAN85 - 15MAR85	13	25
TARACONS	Construction data on wells installed by RAP in the Test Area for Remedial Action study area	13MAR87 - 15APR87	13	32
UWCONS	Construction data on wells installed by USGS, u-series wells	23OCT85 - 19FEB87	28	43

<sup>a</sup>RAP = Remedial Action Program; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act;

Source: L. A. Hook, L. D. Voorhees, M. J. Gentry, M. A. Faulkner, J. A. Shaakir-Ali, K. A. Newman, R. A. McCord, L. F. Goins, and P. T. Owen. *Data Base Management Activities for the Remedial Action Program at ORNL: Calendar Year 1989*, ORNL/ER-16, Oak Ridge National Laboratory, Oak Ridge, Tenn. 1990. Adapted with permission from L. A. Hook, July 1991.



- Water quality well
- Streams
- Wag Boundaries
- Roads
- Ponds

Status: October 1990

Completed wells: 41

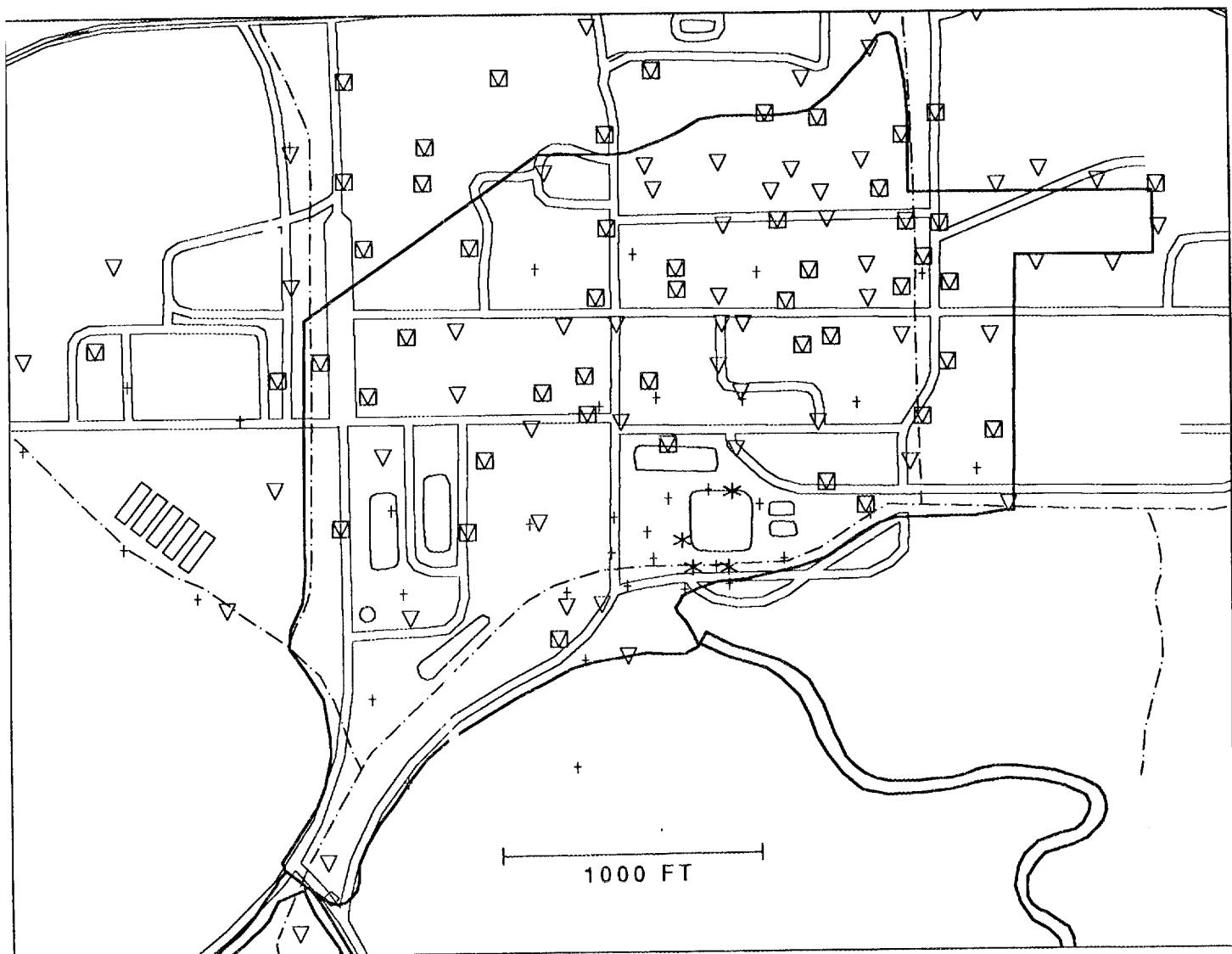
Fig. 3. Water-quality wells in WAG 1.

Table 4.

## WATER-QUALITY WELLS IN WAG 1

OBS	WELL	EASTING	NORTHING	DEPTH	SAMPINT	STATUS	DESTRUCT	INSTDATE	VERI_CON
1	0806	29657.30	20082.90	16	6-16	1	.	12MAY87	YES
2	0807	30008.50	20909.30	15	4-15	1	.	06MAY87	YES
3	0808	30018.60	20910.20	55	35-55	1	.	04MAY87	YES
4	0809	29652.50	21142.90	15	5-15	1	.	19APR87	YES
5	0810	29539.20	21879.30	15	5-15	1	.	05MAY87	YES
6	0811	29652.30	22002.70	67	47-67	1	.	12MAY87	YES
7	0812	29931.40	22350.40	15	5-15	1	.	14MAY87	YES
8	0813	30261.90	22615.00	63	43-63	1	.	01JUN87	YES
9	0814	30999.20	22831.80	79	49-79	1	.	11JUN87	YES
10	0815	31746.30	23144.00	26	16-26	1	.	20MAY87	YES
11	0816	31746.70	23134.20	60	40-60	1	.	15MAY87	YES
12	0817	31781.00	22754.30	10	5-10	1	.	19MAY87	YES
13	0818	32390.30	22564.60	100	40-100	1	.	02JUN87	YES
14	0819	32714.90	22382.40	60	40-60	1	.	20MAY87	YES
15	0820	32422.00	22341.80	20	5-20	1	.	01JUL87	YES
16	0821	32436.00	22340.70	80	40-80	1	.	22JUN87	YES
17	0822	32116.70	22262.80	15	5-15	1	.	18JUN87	YES
18	0823	32141.80	22057.30	15	5-15	1	.	11JUN87	YES
19	0824	31932.00	21399.20	15	5-15	1	.	04JUN87	YES
20	0825	31666.20	21388.30	60	42-60	1	.	08MAY87	YES
21	0826	31654.40	21387.30	15	5-15	1	.	13MAY87	YES
22	0827	30813.50	21012.50	15	4-15	1	.	30APR87	YES
23	0828	30741.40	20815.20	49	29-49	1	.	29JUN87	YES
24	0829	30557.10	21026.10	15	5-15	1	.	01MAY87	YES
25	0830	30659.50	21211.70	15	5-15	1	.	13MAY87	YES
26	0873	30872.46	21692.62	23	17-23	1	.	14AUG85	YES
27	0874	30833.78	21464.06	13	7-13	1	.	13AUG85	YES
28	0875	30943.46	21473.94	13	8-13	1	.	18AUG85	YES
29	0876	31058.84	21465.27	12	7-12	1	.	11AUG85	YES
30	0877	31265.94	21276.72	16	10-16	1	.	09AUG85	YES
31	0878	31295.73	21248.33	17	11-17	1	.	09AUG85	YES
32	0879	31309.94	21430.25	20	15-20	1	.	08AUG85	YES
33	0880	31364.55	21248.60	16	10-16	1	.	08AUG85	YES
34	0881	31413.46	21400.77	21	16-21	1	.	07AUG85	YES
35	0882	31397.07	21299.26	18	13-18	1	.	21AUG85	YES
36	0883	31299.28	21244.75	51	40-51	1	.	24OCT85	YES
37	0884	31255.19	21359.68	17	12-17	1	.	20AUG85	YES
38	0885	30949.28	21468.07	50	40-50	1	.	08NOV85	YES
39	0886	30884.43	21696.30	30	25-30	1	.	26OCT85	YES
40	0946	30646.76	21091.05	12	7-12	1	.	16AUG89	YES
41	0947	30666.93	21061.66	81	66-81	1	.	25JUL89	YES

ORNL-DWG 90-16610



- Stream
- Wag Boundary
- Road
- [Box] Pond

#### WELL SYMBOLS

- ▽ Piezometer
- + Pre-RAP
- \* CERCLA
- ★ TARA
- △ Hydrostatic head
- × Hydrofracture
- ◇ USGS
- Piezometer upgraded to water quality

Status: October 1990

Fig. 4. Additional wells in the WAG 1 window

Table 5.

NON-WATER QUALITY WELLS WITHIN THE WAG 1 WINDOW<sup>a</sup>

OBS	WELL	TYPE_WEL	WAG <sup>b</sup>	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
1	FT10	PRE-RAP	.	29540.00	22760.00	300.0	.	.	1	.	.	.	YES
2	0001	PRE-RAP	1	31095.70	21184.50	300.0	.	.	0	.	.	.	YES
3	0002	PRE-RAP	1	30864.00	21214.40	100.0	.	.	0	.	.	.	YES
4	0004	PRE-RAP	1	31347.40	21213.50	100.2	.	.	0	.	.	.	YES
5	0006	PRE-RAP	1	31257.20	21414.30	100.0	.	.	0	.	.	.	YES
6	0007	PRE-RAP	1	30919.30	21436.60	100.0	.	.	0	.	.	.	YES
7	0008	PRE-RAP	1	30843.20	21313.90	100.0	.	.	0	.	.	.	YES
8	0010	PRE-RAP	1	30721.00	21367.80	100.0	.	.	0	.	.	.	YES
9	0011	PRE-RAP	1	30711.20	21236.70	100.0	.	.	0	.	.	.	YES
10	0012	PRE-RAP	1	30768.70	21112.30	100.0	.	.	0	.	.	.	YES
11	0013	PRE-RAP	1	30979.50	21099.10	100.0	.	.	0	.	.	.	YES
12	0014	PRE-RAP	-1	31144.00	21118.30	100.0	.	.	0	.	.	.	YES
13	0017	PRE-RAP	1	31068.10	21468.40	100.0	.	.	0	.	.	.	YES
14	0018	PRE-RAP	1	30409.40	21345.80	100.0	.	.	0	.	.	.	YES
15	0019	PRE-RAP	1	29942.50	21090.10	100.0	.	.	0	.	.	.	YES
16	0024	PRE-RAP	1	29901.30	21398.80	100.0	.	.	0	.	.	.	YES
17	0025	PRE-RAP	-1	29348.70	21740.30	100.0	.	.	0	.	.	.	YES
18	0026	PRE-RAP	1	29826.30	20700.20	50.0	.	.	0	.	.	.	YES
19	0027	PRE-RAP	1	30545.20	21089.90	50.0	.	.	0	.	.	.	YES
20	0028	PRE-RAP	1	30613.00	20838.70	100.0	.	.	0	.	.	.	YES
21	0029	PRE-RAP	1	29956.00	20388.30	198.0	.	.	0	.	.	.	YES
22	0030	PRE-RAP	1	31665.20	21380.70	50.0	.	.	0	.	.	.	YES
23	0031	PRE-RAP	1	32054.70	21540.30	50.0	.	.	0	.	.	.	YES
24	0033	PRE-RAP	1	31860.50	22268.80	50.0	.	.	0	.	.	.	YES
25	0034	PRE-RAP	1	31615.90	21791.80	50.0	.	.	0	.	.	.	YES
26	0035	PRE-RAP	1	31195.50	21804.05	50.0	.	.	0	.	.	.	YES
27	0036	PRE-RAP	1	31252.55	22279.92	50.0	.	.	0	.	.	.	YES
28	0037	PRE-RAP	1	30879.06	21813.71	50.0	.	.	0	.	.	.	YES
29	0038	PRE-RAP	1	30796.40	22348.30	50.0	.	.	0	.	.	.	YES
30	0039	PRE-RAP	1	30436.30	22296.10	50.0	.	.	0	.	.	.	YES
31	0040	PRE-RAP	1	30669.40	21781.50	50.0	.	.	0	.	.	.	YES
32	0046	PRE-RAP	-1	28551.50	21633.85	50.0	.	.	1	.	.	.	YES
33	0047	PRE-RAP	-1	28936.95	21868.83	50.0	.	.	0	.	.	.	YES
34	0048	PRE-RAP	-1	28919.50	21263.10	50.0	.	.	0	.	.	.	YES
35	0049	PRE-RAP	-1	29188.32	21079.35	47.0	.	.	1	.	.	.	YES
36	0050	PRE-RAP	-1	30579.70	20441.60	90.0	.	.	0	.	.	.	YES
37	U30	USGS	-	29668.34	19962.28	.		19.7	1	.	.	23OCT85	NO
38	0531	PIEZOMETER	-1	28554.89	21967.29	.		75.0	1	.	.	18AUG86	YES
39	0532	PIEZOMETER	-1	28890.15	22319.32	.		18.0	1	.	.	08JAN86	YES
40	0533	PIEZOMETER	-1	28818.67	22006.67	.		17.9	1	.	.	19DEC85	YES
41	0534	PIEZOMETER	-1	29543.30	22732.96	.		19.0	1	.	.	15JAN86	YES
42	0535	PIEZOMETER	-1	29541.41	22235.11	.		15.0	1	.	.	05DEC85	YES
43	0536	PIEZOMETER	-1	29485.31	21889.90	.		19.0	1	.	.	08JAN86	YES
44	0537	PIEZOMETER	-1	29474.30	21477.23	.		16.0	1	.	.	19DEC85	YES
45	0538	PIEZOMETER	-1	29736.18	22630.29	.		31.9	1	.	.	18DEC85	YES
46	0539	PIEZOMETER	-1	29807.39	22379.31	.		16.0	1	.	.	18JUN86	YES
47	0540	PIEZOMETER	1	29644.32	21955.86	.		18.6	1	.	.	15JAN86	YES
48	0541	PIEZOMETER	1	29816.10	21829.32	.		16.6	1	.	.	17DEC85	YES
49	0542	PIEZOMETER	1	29869.89	21600.24	.		15.2	1	.	.	17DEC85	YES
50	0543	PIEZOMETER	1	29713.50	21335.57	.		13.0	1	.	.	19DEC85	YES
51	0544	PIEZOMETER	1	29969.91	20999.85	.		18.0	1	.	.	29JAN86	YES
52	0545	PIEZOMETER	-1	29741.90	23004.53	.		17.5	1	.	.	22JAN86	YES
53	0546	PIEZOMETER	-1	30034.16	22758.18	.		80.0	1	.	.	07OCT86	YES
54	0547	PIEZOMETER	-1	30024.95	22620.40	.		46.0	1	.	.	15JAN86	YES
55	0548	PIEZOMETER	1	29960.92	22049.19	.		15.0	1	.	.	18DEC85	YES
56	0549	PIEZOMETER	-1	30311.39	23013.09	.		45.0	1	.	.	16JAN86	YES
57	0550	PIEZOMETER	1	30194.59	22379.43	.		27.0	1	.	.	19DEC85	YES
58	0551	PIEZOMETER	1	30143.66	22067.42	.		16.0	1	.	.	17DEC85	YES
59	0552	PIEZOMETER	1	30146.75	21830.25	.		60.0	1	.	.	18SEP86	YES
60	0553	PIEZOMETER	1	30243.72	21584.37	.		19.8	1	.	.	17DEC85	YES

<sup>a</sup> See Guide to Listings of Well Information (Appendix A) for discussion of terms<sup>b</sup> Notation "-1" indicates that the well does not lie within the boundary of any WAG

Table 5. (continued)

NON-WATER-QUALITY WELLS WITHIN THE WAG 1 WINDOW<sup>a</sup>

OBS	WELL	TYPE_WEL	WAG <sup>b</sup>	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
61	0554	PIEZOMETER	1	30180.20	21319.13	.	.	13.0	1	.	.	17DEC85	YES
62	0555	PIEZOMETER	1	30472.94	22652.17	.	.	20.0	1	.	.	10FEB86	YES
63	0556	PIEZOMETER	1	30541.09	22083.68	.	.	15.8	1	.	.	23JAN86	YES
64	0557	PIEZOMETER	-1	30639.36	23200.82	.	.	24.6	1	.	.	19DEC85	YES
65	0558	PIEZOMETER	-1	30699.55	22800.03	.	.	20.0	1	.	.	21JAN86	YES
66	0559	PIEZOMETER	1	30844.32	22679.29	.	.	35.0	1	.	.	21JAN86	YES
67	0560	PIEZOMETER	1	30700.18	22447.75	.	.	24.8	1	.	.	04FEB86	YES
68	0561	PIEZOMETER	1	30659.54	22190.16	.	.	26.4	1	.	.	31JAN86	YES
69	0563	PIEZOMETER	1	30615.41	21899.82	.	.	15.0	1	.	.	07FEB86	YES
70	0564	PIEZOMETER	1	30459.19	21836.37	.	.	30.0	1	.	.	09FEB87	YES
71	0565	PIEZOMETER	1	30747.66	21721.75	.	.	16.5	1	.	.	02OCT86	YES
72	0566	PIEZOMETER	1	30625.08	21755.47	.	.	25.0	1	.	.	18JUL86	YES
73	0567	PIEZOMETER	1	30419.37	21700.20	.	.	25.1	1	.	.	10FEB86	YES
74	0568	PIEZOMETER	1	30445.01	21351.73	.	.	18.0	1	.	.	29JAN86	YES
75	0569	PIEZOMETER	1	30545.59	21037.77	.	.	12.5	1	.	.	15APR86	YES
76	0570	PIEZOMETER	1	30675.38	21046.92	.	.	15.0	1	.	.	15APR86	YES
77	0571	PIEZOMETER	1	30515.25	20920.68	.	.	17.5	1	.	.	07FEB86	YES
78	0572	PIEZOMETER	-1	30872.67	23037.69	.	.	38.0	1	.	.	16JAN86	YES
79	0573	PIEZOMETER	1	30875.11	22590.34	.	.	27.2	1	.	.	21JAN86	YES
80	0575	PIEZOMETER	-1	31698.83	23233.55	.	.	15.0	1	.	.	17JUL86	YES
81	0577	PIEZOMETER	1	30734.45	22088.85	.	.	20.0	1	.	.	10FEB86	YES
82	0578	PIEZOMETER	1	30852.54	21878.46	.	.	14.0	1	.	.	31JAN86	YES
83	0579	PIEZOMETER	1	30919.87	21640.40	.	.	17.0	1	.	.	31JAN86	YES
84	0580	PIEZOMETER	1	30770.59	20855.37	.	.	35.0	0	.	01SEP87	16APR86	YES
85	0581	PIEZOMETER	1	31115.05	22689.91	.	.	30.0	1	.	.	21JAN86	YES
86	0582	PIEZOMETER	1	31130.04	22454.98	.	.	28.0	1	.	.	20JAN86	YES
87	0583	PIEZOMETER	1	30954.85	22298.95	.	.	22.0	1	.	.	21JAN86	YES
88	0584	PIEZOMETER	1	31122.90	22089.87	.	.	9.0	1	.	.	23JAN86	YES
89	0587	PIEZOMETER	-1	31289.70	22874.82	.	.	40.0	1	.	.	29SEP86	YES
90	0588	PIEZOMETER	1	31308.45	22581.53	.	.	60.0	1	.	.	30JAN86	YES
91	0589	PIEZOMETER	1	31331.72	22474.41	.	.	57.0	1	.	.	23SEP86	YES
92	0590	PIEZOMETER	1	31113.31	22191.37	.	.	12.0	1	.	.	10FEB86	YES
93	0591	PIEZOMETER	1	31200.10	22089.66	.	.	8.9	1	.	.	08FEB86	YES
94	0592	PIEZOMETER	1	31108.27	21933.86	.	.	11.0	1	.	.	08FEB86	YES
95	0593	PIEZOMETER	1	31191.49	21833.08	.	.	12.0	1	.	.	04FEB86	YES
96	0594	PIEZOMETER	1	31172.78	21619.71	.	.	17.3	1	.	.	07FEB86	YES
97	0595	PIEZOMETER	-1	31424.09	23001.43	.	.	12.0	0	.	01OCT87	16DEC85	YES
98	0596	PIEZOMETER	1	31384.80	22660.72	.	.	35.0	1	.	.	20JAN86	YES
99	0597	PIEZOMETER	1	31445.19	22288.21	.	.	9.0	1	.	.	10FEB86	YES
100	0598	PIEZOMETER	1	31358.87	22175.01	.	.	19.0	1	.	.	18JUN86	YES
101	0599	PIEZOMETER	1	31417.95	22009.55	.	.	19.5	1	.	.	30JAN86	YES
102	0600	PIEZOMETER	1	31475.14	21719.22	.	.	30.0	1	.	.	24SEP86	YES
103	0601	PIEZOMETER	1	31503.38	21497.54	.	.	13.8	1	.	.	19DEC85	YES
104	0602	PIEZOMETER	1	31482.03	22856.19	.	.	21.6	1	.	.	19DEC85	YES
105	0603	PIEZOMETER	1	31490.62	22575.23	.	.	60.0	1	.	.	02OCT86	YES
106	0604	PIEZOMETER	1	31521.98	22039.86	.	.	9.8	1	.	.	23JAN86	YES
107	0605	PIEZOMETER	-1	31679.10	23110.09	.	.	13.0	1	.	.	19DEC85	YES
108	0606	PIEZOMETER	1	31639.92	22694.91	.	.	9.4	1	.	.	10FEB86	YES
109	0607	PIEZOMETER	1	31512.47	22476.84	.	.	60.0	1	.	.	18SEP86	YES
110	0608	PIEZOMETER	1	31660.10	22180.00	.	.	20.3	1	.	.	15JAN86	YES
111	0610	PIEZOMETER	1	31645.42	21410.13	.	.	14.0	1	.	.	19DEC85	YES
112	0611	PIEZOMETER	1	31790.15	22790.02	.	.	8.8	1	.	.	13JAN86	YES
113	0612	PIEZOMETER	1	31707.27	22589.09	.	.	10.5	1	.	.	09JAN86	YES
114	0613	PIEZOMETER	1	31656.13	22305.48	.	.	12.0	1	.	.	29JAN86	YES
115	0614	PIEZOMETER	1	31803.05	22465.66	.	.	8.9	1	.	.	09JAN86	YES
116	0615	PIEZOMETER	1	31864.64	22334.92	.	.	7.5	1	.	.	13JAN86	YES
117	0616	PIEZOMETER	1	31784.19	22222.73	.	.	8.1	1	.	.	15JAN86	YES
118	0617	PIEZOMETER	1	31782.10	22040.95	.	.	13.9	0	.	01JUL88	07FEB86	YES
119	0618	PIEZOMETER	1	31855.70	21739.94	.	.	18.7	1	.	.	17MAR86	YES
120	0619	PIEZOMETER	1	31810.20	21570.37	.	.	12.8	1	.	.	19DEC85	YES

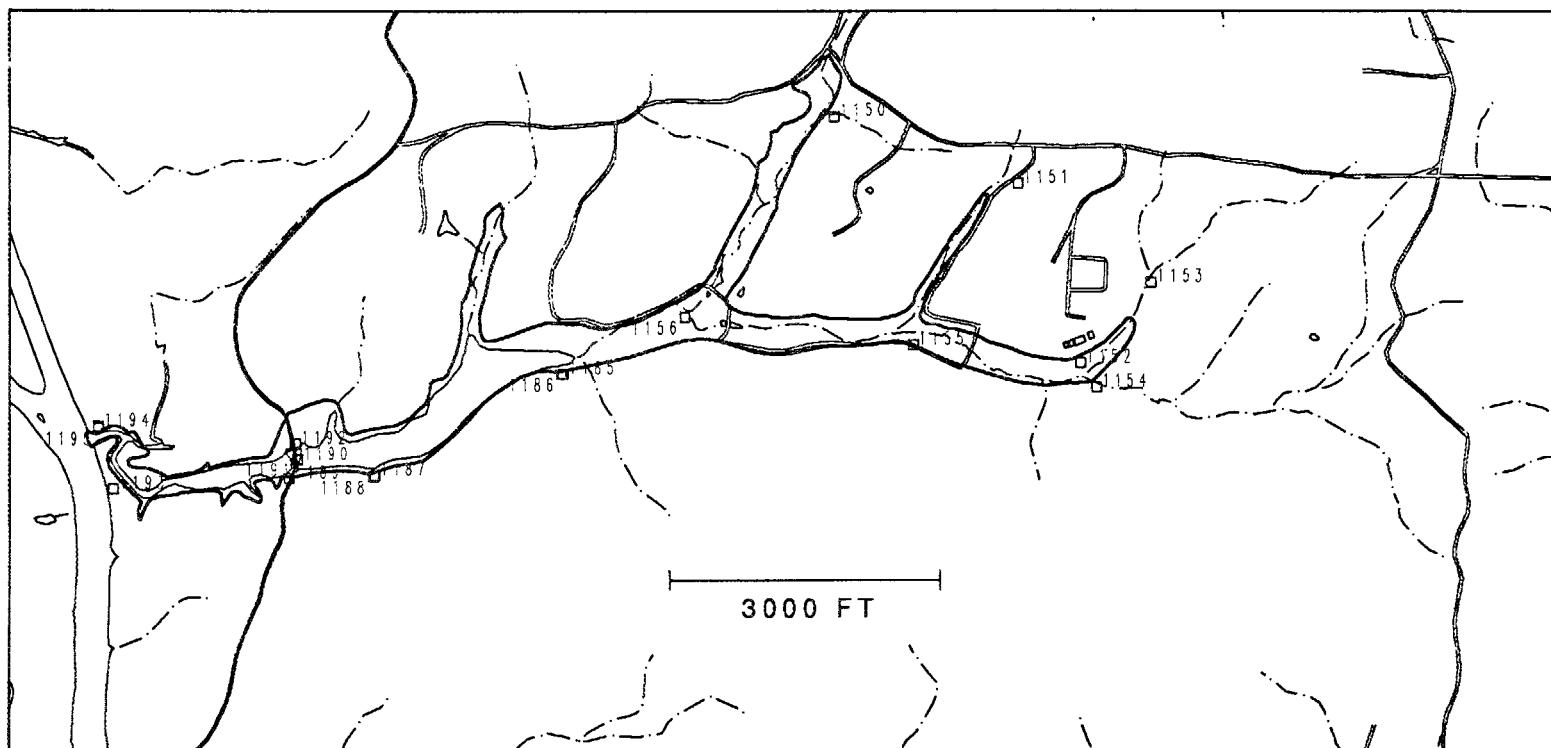
ee Guide to Listings of Well Information (Appendix A) for discussion of terms  
 notation "-1" indicates that the well does not lie within the boundary of any WAG

Table 5. (continued)

NON-WATER-QUALITY WELLS WITHIN THE WAG 1 WINDOW<sup>a</sup>

OBS	WELL	TYPE_WEL	WAG <sup>b</sup>	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
121	0620	PIEZOMETER	-1	31916.94	22870.32	.	.	41.7	1	.	.	21JAN86	YES
122	0621	PIEZOMETER	1	31924.45	22459.85	.	.	40.0	1	.	.	21JAN86	YES
123	0622	PIEZOMETER	1	31960.23	22239.98	.	.	9.5	1	.	.	13JAN86	YES
124	0623	PIEZOMETER	1	31949.52	21945.64	.	.	13.7	1	.	.	18DEC85	YES
125	0624	PIEZOMETER	-1	32072.68	23244.25	.	.	20.5	1	.	.	17DEC85	YES
126	0625	PIEZOMETER	1	32106.23	22040.42	.	.	13.0	0	.	01OCT88	19DEC85	YES
127	0626	PIEZOMETER	1	32116.39	21687.05	.	.	13.8	1	.	.	18DEC85	YES
128	0627	PIEZOMETER	-1	32171.40	21410.94	.	.	11.3	1	.	.	23JAN86	YES
129	0628	PIEZOMETER	1	30957.43	22219.28	.	.	19.0	1	.	.	24JAN86	YES
130	0629	PIEZOMETER	-1	32135.21	22602.32	.	.	70.0	1	.	.	03SEP86	YES
131	0630	PIEZOMETER	-1	32277.67	22310.73	.	.	21.0	1	.	.	02JUN86	YES
132	0631	PIEZOMETER	-1	32291.91	22658.74	.	.	70.0	1	.	.	12SEP86	YES
133	0632	PIEZOMETER	-1	32507.40	22613.14	.	.	71.0	1	.	.	11SEP86	YES
134	0633	PIEZOMETER	-1	32560.46	22304.59	.	.	38.0	1	.	.	03JUN86	YES
135	0634	PIEZOMETER	-1	32722.00	22599.09	.	.	128.0	1	.	.	03SEP86	YES
136	0635	PIEZOMETER	-1	32730.30	22440.01	.	.	60.0	1	.	.	17SEP86	YES
137	0721	PIEZOMETER	-1	29297.12	21033.45	.	.	5.0	1	.	.	28JAN87	YES
138	0722	PIEZOMETER	1	29661.13	20094.40	.	.	11.0	1	.	.	07APR87	YES
139	0723	PIEZOMETER	2	29553.92	19832.63	.	.	20.0	1	.	.	15DEC86	YES
140	1100	CERCLA	1	31157.39	21463.30	.	.	8.0	1	.	.	08JAN85	YES
141	1101	CERCLA	1	31155.27	21462.19	.	.	25.0	1	.	.	08JAN85	YES
142	1102	CERCLA	1	31141.45	21180.43	.	.	13.8	1	.	.	11JAN85	YES
143	1103	CERCLA	1	31009.21	21180.33	.	.	13.2	1	.	.	11JAN85	YES
144	1104	CERCLA	1	30970.03	21281.89	.	.	13.7	1	.	.	11JAN85	YES

<sup>a</sup> See Guide to Listings of Well Information (Appendix A) for discussion of terms<sup>b</sup> Notation "-1" indicates that the well does not lie within the boundary of any WAG



- Water quality well
- Stream
- Wag Boundaries
- Roads
- Ponds

Status: October 1990

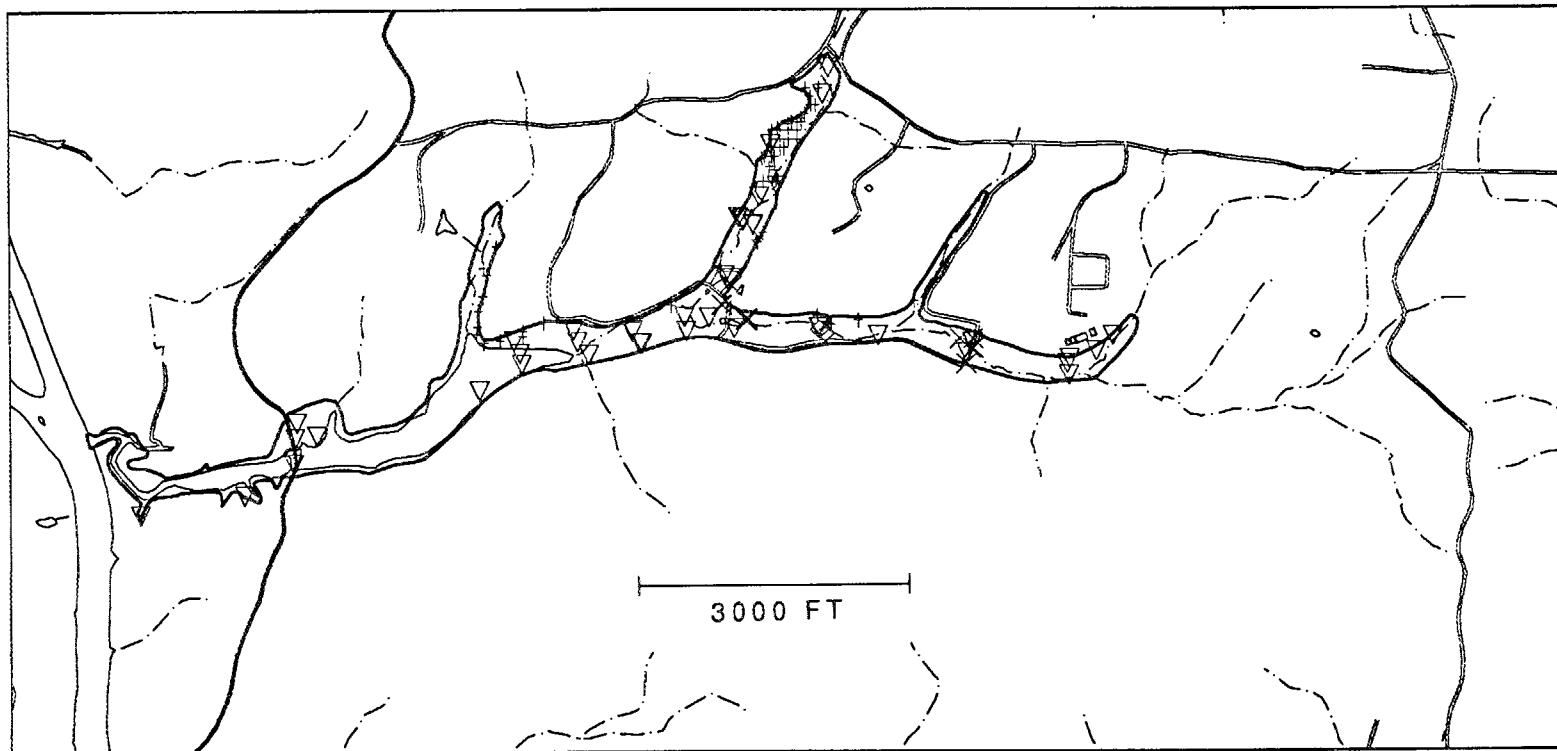
Completed wells: 18

Fig. 5. Water-quality wells in WAG 2.

Table 6.

## WATER-QUALITY WELLS IN WAG 2

OBS	WELL	EASTING	NORTHING	DEPTH	SAMPINT	STATUS	DESTRUCT	INSTDATE	VERI_CON
1	1150	29620.10	19298.55	16	6-16	1	.	14DEC89	YES
2	1151	31761.37	18531.44	20	5-20	1	.	12DEC89	YES
3	1152	32503.04	16470.82	15	5-15	1	.	13DEC89	YES
4	1153	33324.88	17395.67	18	8-18	1	.	20DEC89	YES
5	1154	32693.87	16191.49	15	5-15	1	.	06DEC89	YES
6	1155	30538.54	16676.57	23	13-23	1	.	06DEC89	YES
7	1156	27876.12	17001.93	21	11-21	1	.	20SEP90	YES
8	1185	26464.80	16343.85	27	17-27	1	.	02JAN90	YES
9	1186	26443.78	16346.39	68	53-68	1	.	19DEC89	YES
10	1187	24285.13	15183.27	83	68-83	1	.	21DEC89	YES
11	1188	24267.22	15170.51	27	17-27	1	.	04JAN90	YES
12	1189	23280.95	15146.78	27	12-27	1	.	01MAY90	YES
13	1190	23384.36	15358.22	47	37-47	1	.	10MAY90	YES
14	1191	23387.98	15373.83	26	16-26	1	.	14MAY90	YES
15	1192	23358.39	15542.38	18	8-18	1	.	23MAY90	YES
16	1193	21225.91	15021.21	85	65-85	1	.	19JAN90	YES
17	1194	21046.77	15736.11	97	77-97	1	.	12FEB90	YES
18	1195	21043.63	15716.88	31	16-31	1	.	06FEB90	YES



-- Stream  
— Wag Boundaries  
— Roads  
□ Ponds

WELL SYMBOLS  
▽ Piezometer  
+ Pre-RAP  
\* CERCLA  
★ TARA  
△ Hydrostatic head  
× Hydrofracture  
◇ USGS

Status: October 1990

Fig. 6. Additional wells in WAG 2.

Table 7.

## NON-WATER-QUALITY WELLS WITHIN THE WAG 2 BOUNDARY

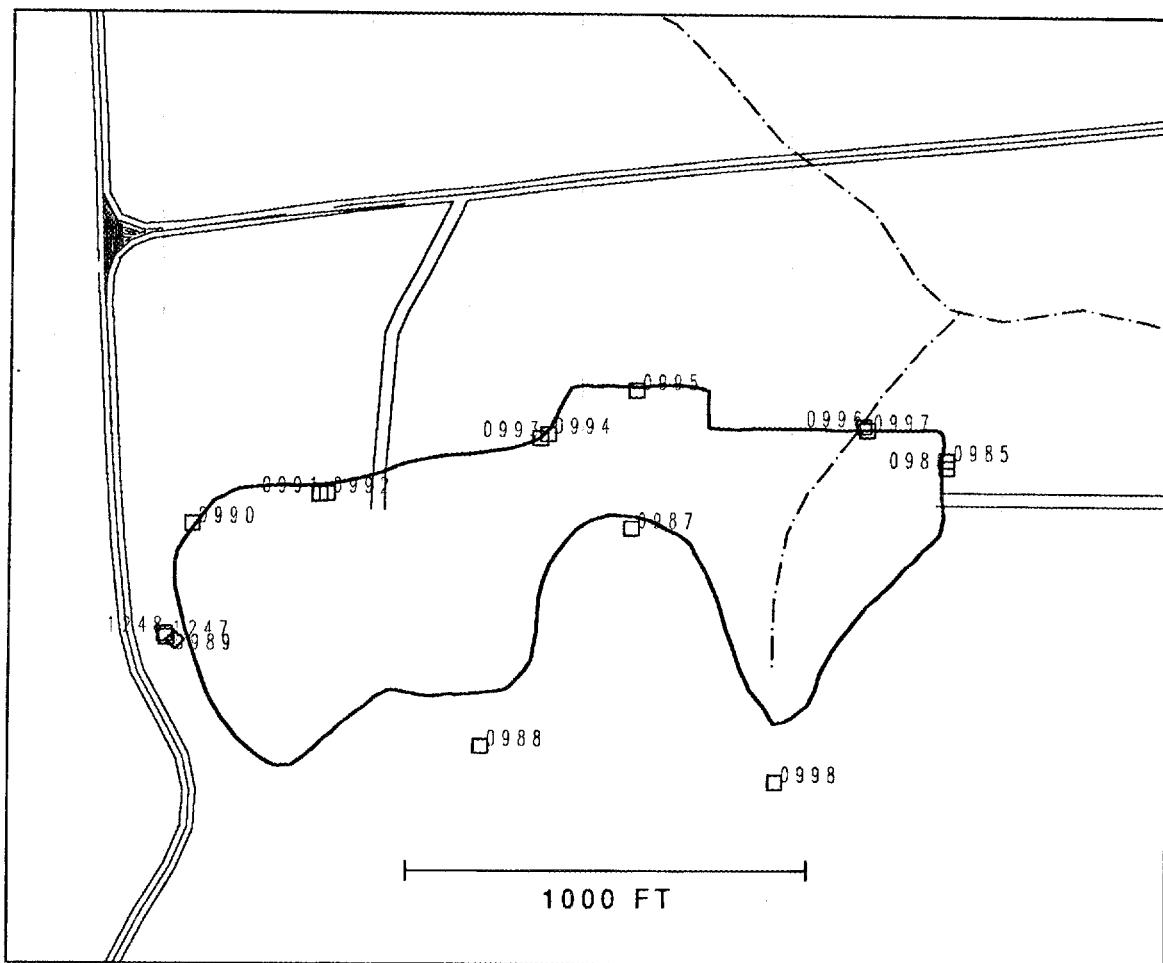
OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
1	A-01	PRE-RAP	4	28705	18804	3.7	.	.	1	.	.	.	YES
2	A-02	PRE-RAP	4	28705	18785	3.6	.	.	1	.	.	.	YES
3	A-03	PRE-RAP	4	28705	18855	3.3	.	.	1	.	.	.	YES
4	A-04	PRE-RAP	4	28705	18839	2.9	.	.	1	.	.	.	YES
5	A-05	PRE-RAP	2	28796	18523	5.5	.	.	1	.	.	.	YES
6	A-06	PRE-RAP	2	28908	18514	5.3	.	.	1	.	.	.	YES
7	A-07	PRE-RAP	2	28975	18530	5.9	.	.	1	.	.	.	YES
8	A-08	PRE-RAP	2	28816	18811	3.0	.	.	1	.	.	.	YES
9	A-09	PRE-RAP	2	28902	18811	3.1	.	.	1	.	.	.	YES
10	A-10	PRE-RAP	2	28931	18811	4.3	.	.	1	.	.	.	YES
11	A-11	PRE-RAP	2	28901	18910	2.7	.	.	1	.	.	.	YES
12	A-12	PRE-RAP	2	29000	18909	5.0	.	.	1	.	.	.	YES
13	A-13	PRE-RAP	2	29042	18909	5.2	.	.	1	.	.	.	YES
14	A-14	PRE-RAP	2	28902	19008	1.7	.	.	1	.	.	.	YES
15	A-15	PRE-RAP	2	29000	19008	4.8	.	.	1	.	.	.	YES
16	A-16	PRE-RAP	2	29098	19008	4.5	.	.	1	.	.	.	YES
17	A-17	PRE-RAP	2	29197	19008	8.6	.	.	1	.	.	.	YES
18	A-18	PRE-RAP	2	28902	19106	5.3	.	.	1	.	.	.	YES
19	A-19	PRE-RAP	2	29000	19106	3.2	.	.	1	.	.	.	YES
20	A-20	PRE-RAP	2	29098	19106	4.3	.	.	1	.	.	.	YES
21	A-21	PRE-RAP	2	29197	19106	4.4	.	.	1	.	.	.	YES
22	A-22	PRE-RAP	2	29098	19185	4.6	.	.	1	.	.	.	YES
23	A-23	PRE-RAP	2	29131	19205	4.0	.	.	1	.	.	.	YES
24	A-24	PRE-RAP	2	29198	19205	5.0	.	.	1	.	.	.	YES
25	A-25	PRE-RAP	2	29246	19205	3.0	.	.	1	.	.	.	YES
26	A-26	PRE-RAP	2	29240	19247	2.9	.	.	1	.	.	.	YES
27	A-27	PRE-RAP	2	29285	19303	4.0	.	.	1	.	.	.	YES
28	A-28	PRE-RAP	4	29312	19366	3.3	.	.	1	.	.	.	YES
29	A-29	PRE-RAP	4	29328	19402	4.0	.	.	1	.	.	.	YES
30	A-30	PRE-RAP	2	29358	19402	3.4	.	.	1	.	.	.	YES
31	A-31	PRE-RAP	2	29410	19402	4.7	.	.	1	.	.	.	YES
32	A-32	PRE-RAP	4	29321	19446	3.7	.	.	1	.	.	.	YES
33	A-33	PRE-RAP	4	29312	19500	3.8	.	.	1	.	.	.	YES
34	A-34	PRE-RAP	2	29348	19500	3.6	.	.	1	.	.	.	YES
35	A-35	PRE-RAP	2	29296	19598	3.0	.	.	1	.	.	.	YES
36	A-36	PRE-RAP	2	29296	19598	3.1	.	.	1	.	.	.	YES
37	A-37	PRE-RAP	2	29443	19598	5.0	.	.	1	.	.	.	YES
38	T6-1	PRE-RAP	7	27795	18731	.	.	.	0	.	.	.	YES
39	T6-2	PRE-RAP	7	27921	18758	.	.	.	0	.	.	.	YES
40	T6-3	PRE-RAP	7	28005	18691	.	.	.	0	.	.	.	YES
41	T6-4	PRE-RAP	7	28035	18592	.	.	.	0	.	.	.	YES
42	T6-5	PRE-RAP	2	28962	18580	.	.	.	0	.	.	.	YES
43	T6-6	PRE-RAP	2	28945	18655	.	.	.	0	.	.	.	YES
44	T6-7	PRE-RAP	2	28879	18688	.	.	.	0	.	.	.	YES
45	0079	PRE-RAP	7	26885	18837	.	.	.	1	.	.	.	YES
46	0112	PRE-RAP	-1	27012	19450	95.0	.	.	1	.	.	.	YES
47	0179	PRE-RAP	7	26993	18832	20.5	.	.	1	.	.	.	YES
48	0180	PRE-RAP	7	27057	19220	18.0	.	.	1	.	.	.	YES
49	0181	PRE-RAP	7	27062	19021	14.4	.	.	1	.	.	.	YES
50	0182	PRE-RAP	4	27038	18827	19.7	.	.	1	.	.	.	YES
51	0183	PRE-RAP	4	26997	18612	15.0	.	.	1	.	.	.	YES
52	0184	PRE-RAP	4	27553.00	19418.00	15.6	.	.	1	.	.	.	YES
53	0185	PRE-RAP	4	27580.00	19183.00	.	.	.	0	1975	.	.	YES
54	0186	PRE-RAP	4	27549.00	19019.00	6.0	.	.	1	.	.	.	YES
55	0186A	PRE-RAP	4	27514.00	19058.00	9.0	.	.	1	.	.	.	YES
56	0187	PRE-RAP	7	27544.00	18786.00	19.0	.	.	1	.	.	.	YES
57	0188	PRE-RAP	-1	28052.00	19602.00	19.4	.	.	1	.	.	.	YES
58	0189	PRE-RAP	4	28048.00	19404.00	19.0	.	.	1	.	.	.	YES
59	0190	PRE-RAP	4	28047.00	19208.00	15.2	.	.	1	.	.	.	YES
60	0190A	PRE-RAP	4	28253.00	19061.00	10.5	.	.	0	.	.	.	YES
61	0190B	PRE-RAP	4	28098.00	19243.00	11.7	.	.	1	.	.	.	YES
62	0190C	PRE-RAP	4	27919.00	19221.00	11.6	.	.	1	.	.	.	YES
63	0191	PRE-RAP	7	28034.00	19008.00	7.0	.	.	1	.	.	.	YES
64	0192	PRE-RAP	4	28573.00	19396.00	15.5	.	.	1	.	.	.	YES
65	0193	PRE-RAP	4	28565.00	19172.00	.	.	.	0	1975	.	.	YES
66	0194	PRE-RAP	4	28577.00	18970.00	.	.	.	0	1975	.	.	YES

Table 7. (continued)

## NON-WATER-QUALITY WELLS WITHIN THE WAG 2 BOUNDARY

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
67	0195	PRE-RAP	2	28789.00	18787.00	7.3	.	.	1	.	.	.	YES
68	0196	PRE-RAP	4	28856.00	19059.00	10.5	.	.	1	.	.	.	YES
69	0197	PRE-RAP	2	28970.00	19134.00	14.8	.	.	1	.	.	.	YES
70	0198	PRE-RAP	4	29106.00	19568.00	.	.	.	0	1975	.	.	YES
71	0199	PRE-RAP	4	29144.00	19338.00	.	.	.	0	1975	.	.	YES
72	0200	PRE-RAP	4	29116.00	19565.00	11.0	.	.	1	.	.	.	YES
73	0201	PRE-RAP	4	29183.00	19367.00	28.6	.	.	1	.	.	.	YES
74	0202	PRE-RAP	4	28563.00	19173.00	19.1	.	.	1	.	.	.	YES
75	0203	PRE-RAP	4	28572.00	19001.00	19.4	.	.	1	.	.	.	YES
76	0404	PRE-RAP	4	27714.00	19220.00	10.4	.	.	1	.	.	.	YES
77	0407	PRE-RAP	4	28279.00	19349.00	7.8	.	.	1	.	.	.	YES
78	0410	PRE-RAP	4	28472.00	19066.00	17.0	.	.	0	1975	.	.	YES
79	0420	PRE-RAP	5	29371.00	18258.00	9.5	.	.	1	.	.	.	YES
80	0449	PRE-RAP	5	29658.00	18285.00	40.0	.	.	1	.	.	.	YES
81	0513	PRE-RAP	5	29209.00	18440.00	20.0	.	.	1	.	.	.	YES
82	0514	PRE-RAP	5	29537.00	18452.00	30.0	.	.	1	.	.	.	YES
83	0516	PRE-RAP	5	29324.00	18679.00	26.0	.	.	1	.	.	.	YES
84	0517	PRE-RAP	5	29575.00	18937.00	32.0	.	.	1	.	.	.	YES
85	0518	PRE-RAP	5	29667.00	18752.00	31.0	.	.	1	.	.	.	YES
86	0519	PRE-RAP	5	29733.00	18573.00	25.0	.	.	1	.	.	.	YES
87	0523	PRE-RAP	-1	29703.00	19220.00	10.0	.	.	1	.	.	.	YES
88	0530A	PRE-RAP	-	28978.00	19472.00	17.5	.	.	1	.	.	.	YES
89	0531A	PRE-RAP	-	28598.00	19304.00	21.1	.	.	1	.	.	.	YES
90	0532A	PRE-RAP	-	28771.00	18855.00	9.5	.	.	1	.	.	.	YES
91	0533A	PRE-RAP	-	28314.00	19216.00	24.9	.	.	1	.	.	.	YES
92	0534A	PRE-RAP	-	27926.00	19115.00	15.8	.	.	1	.	.	.	YES
93	0536A	PRE-RAP	-	27210.00	19105.00	27.9	.	.	1	.	.	.	YES
94	4TR-10	PRE-RAP	-	27753.00	19547.00	29.3	.	.	1	.	.	.	YES
95	4TR-11	PRE-RAP	-	27765.00	19548.00	20.8	.	.	1	.	.	.	YES
96	4TR-4	PRE-RAP	-	27777.00	19548.00	30.0	.	.	1	.	.	.	YES
97	4TR-5	PRE-RAP	-	27776.00	19542.00	28.9	.	.	1	.	.	.	YES
98	4TR-6	PRE-RAP	-	27772.00	19538.00	29.5	.	.	1	.	.	.	YES
99	4TR-7	PRE-RAP	-	27765.00	19536.00	27.1	.	.	1	.	.	.	YES
100	4TR-8	PRE-RAP	-	27760.00	19537.00	30.9	.	.	1	.	.	.	YES
101	4TR-9	PRE-RAP	-	27756.00	19541.00	30.8	.	.	1	.	.	.	YES
102	1004	HYDROSTATI	7	27929.18	18805.38	.	400.0	.	1	.	.	15FEB88	YES
103	1005	HYDROSTATI	7	27904.42	18809.57	.	238.0	.	1	.	.	18MAR88	YES
104	1006	HYDROSTATI	7	27875.83	18815.87	.	80.0	.	1	.	.	04APR88	YES
105	U30	USGS	-	29668.34	19962.28	.	.	19.7	1	.	.	23OCT85	NO
106	0562	PIEZOMETER	5	29580.45	18735.26	.	.	150.0	1	.	.	04SEP86	YES
107	0676	PIEZOMETER	7	26805.04	18796.91	.	.	27.0	1	.	.	17APR86	YES
108	0678	PIEZOMETER	7	27727.56	18663.22	.	.	71.3	1	.	.	11DEC86	YES
109	0679	PIEZOMETER	-1	27001.86	19429.35	.	.	47.0	1	.	.	26FEB86	YES
110	0680	PIEZOMETER	4	27320.23	18820.12	.	.	30.0	1	.	.	08APR86	YES
111	0681	PIEZOMETER	4	27795.65	19072.67	.	.	5.0	1	.	.	31MAR87	YES
112	0682	PIEZOMETER	4	28840.01	19469.80	.	.	40.0	1	.	.	02APR86	YES
113	0683	PIEZOMETER	4	28839.84	19459.74	.	.	75.0	1	.	.	19JUN86	YES
114	0684	PIEZOMETER	-1	28065.81	19602.19	.	.	51.0	1	.	.	09JAN87	YES
115	0685	PIEZOMETER	4	28049.72	19399.76	.	.	50.0	1	.	.	07APR86	YES
116	0686	PIEZOMETER	4	28050.41	19200.06	.	.	50.0	1	.	.	04APR86	YES
117	0687	PIEZOMETER	4	28031.11	19028.51	.	.	45.0	1	.	.	19JUN86	YES
118	0688	PIEZOMETER	4	28798.63	19121.56	.	.	30.0	1	.	.	04APR86	YES
119	0689	PIEZOMETER	4	29159.27	19339.85	.	.	40.0	1	.	.	03APR86	YES
120	0690	PIEZOMETER	7	27060.52	19009.82	.	.	31.0	1	.	.	26FEB86	YES
121	0708	PIEZOMETER	-1	29264.52	18778.57	.	.	18.0	1	.	.	08DEC86	YES
122	0712	PIEZOMETER	2	28964.25	18483.84	.	.	9.3	1	.	.	20MAR87	YES
123	0715	PIEZOMETER	5	29589.45	18752.99	.	.	41.0	1	.	.	22JUL86	YES
124	0716	PIEZOMETER	5	29205.86	18535.72	.	.	101.0	1	.	.	07JAN87	YES
125	0718	PIEZOMETER	7	26783.99	18863.66	.	.	35.0	1	.	.	21APR86	YES
126	0719	PIEZOMETER	7	26915.53	18848.63	.	.	34.5	1	.	.	18APR86	YES
127	0720	PIEZOMETER	7	27839.79	18821.23	.	.	73.0	1	.	.	10DEC86	YES
128	0722	PIEZOMETER	1	29661.13	20094.40	.	.	11.0	1	.	.	07APR87	YES
129	0723	PIEZOMETER	2	29553.92	19832.63	.	.	20.0	1	.	.	15DEC86	YES
130	0724	PIEZOMETER	2	29493.57	19538.67	.	.	8.0	1	.	.	30APR87	YES
131	0725	PIEZOMETER	2	28757.14	18357.14	.	.	9.3	1	.	.	20MAR87	YES
132	0787	PIEZOMETER	4	28890.60	18954.06	.	.	9.0	1	.	.	30APR87	YES

ORNL-DWG 90-16613



- Water quality well
- Stream
- Wag Boundaries
- Roads
- Ponds

Status: October 1990

- Completed wells: 15
- ◊ Abandoned well: 1

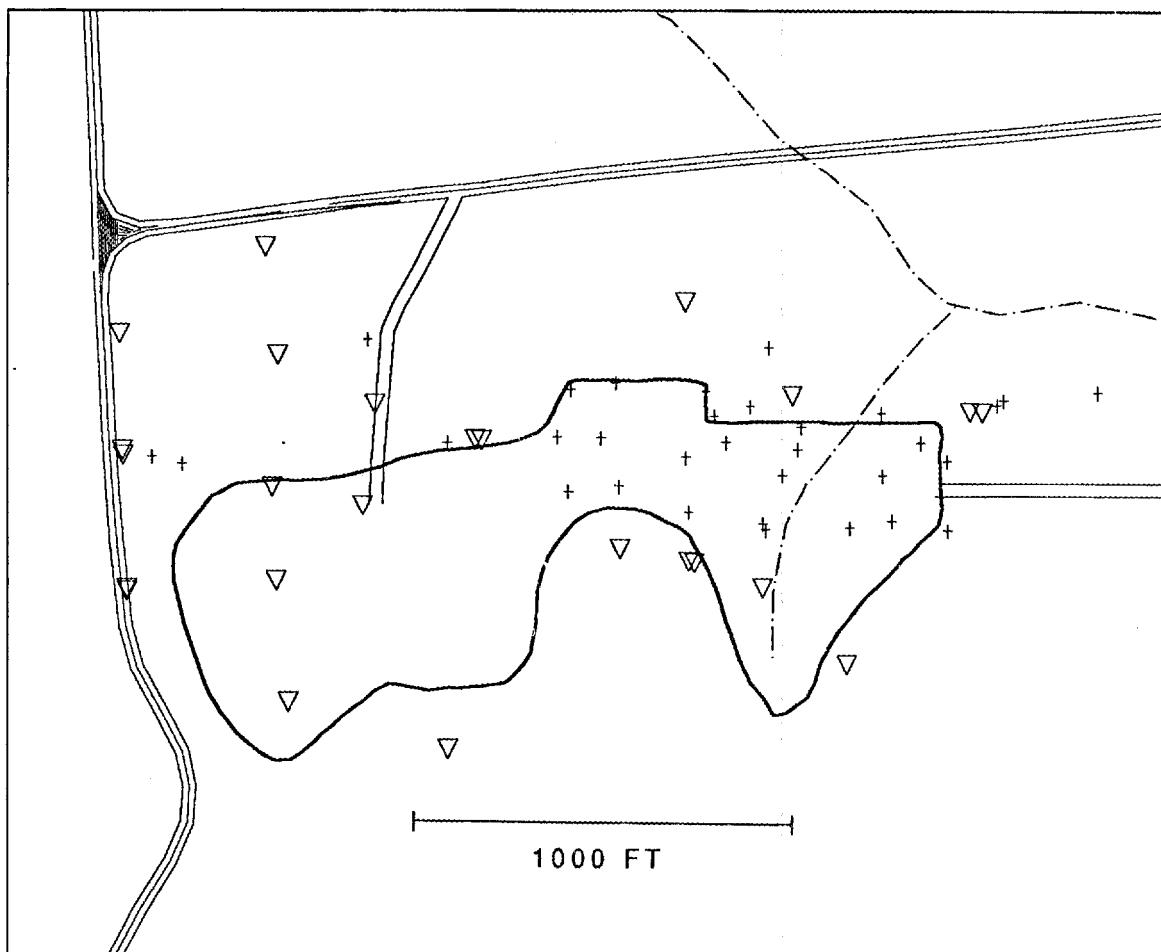
Fig. 7. Water-quality wells in WAG 3.

Table 8.

## WATER QUALITY WELLS IN WAG 3

OBS	WELL	EASTING	NORTHING	DEPTH	SAMPINT	STATUS	DESTRUCT	INSTDATE	VERI_CON
1	0985	26675.61	21833.81	35	20-35	1	.	29NOV89	YES
2	0986	26674.67	21813.16	62	42-62	1	.	20NOV89	YES
3	0987	25857.89	21650.14	48	27-48	1	.	18NOV87	YES
4	0988	25471.29	21075.73	46	31-46	1	.	09NOV87	YES
5	0989	.	.	.	0	.	.	.	NO
6	0990	24723.62	21657.34	41	26-41	1	.	31DEC87	YES
7	0991	25051.49	21736.64	85	70-85	1	.	12NOV87	YES
8	0992	25069.69	21737.04	48	33-48	1	.	08OCT87	YES
9	0993	25619.08	21884.35	45	24-45	1	.	09DEC87	YES
10	0994	25639.92	21895.03	81	60-81	1	.	04JAN88	YES
11	0995	25867.56	22011.41	48	33-48	1	.	05DEC89	YES
12	0996	26458.18	21920.17	61	41-61	1	.	28NOV89	YES
13	0997	26467.50	21911.04	30	14-30	1	.	28NOV89	YES
14	0998	26235.94	20984.59	20	5-20	1	.	25SEP87	YES
15	1247	24659.55	21357.58	23	8-23	1	.	24MAY90	YES
16	1248	24654.08	21366.92	72	52-72	1	.	29MAY90	YES

ORNL-DWG 90-16614



— Stream  
— Wag Boundaries  
— Roads  
□ Ponds

**WELL SYMBOLS**  
▽ Piezometer  
+ Pre-RAP  
\* Circle  
★ Test Area  
△ Hydrostatic Head  
X Hydrofracture  
◇ USGS

Status: October 1990

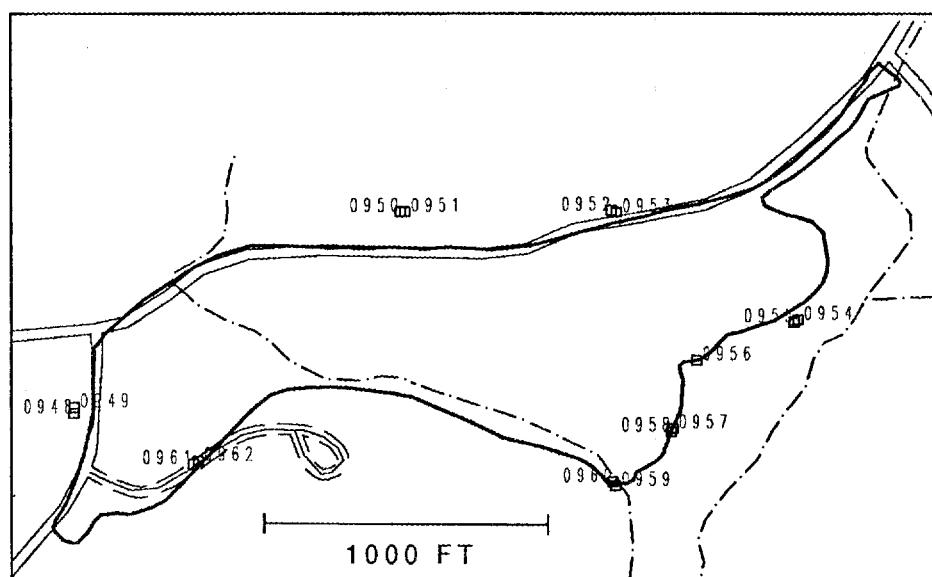
Fig. 8. Additional Wells in WAG 3.

Table 9.

## NON-WATER-QUAITY WELLS WITHIN THE WAG 3 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
1	JS-1	PRE-RAP	-1	26170.00	21951.00	15.0	.	.	1	.	.	.	YES
2	JS-2	PRE-RAP	-1	25180.00	22129.00	14.0	.	.	1	.	.	.	YES
3	JS-3	PRE-RAP	-1	24625.00	21819.00	16.0	.	.	1	.	.	.	YES
4	0003	PRE-RAP	3	26428.40	21629.55	251.0	.	.	1	.	.	.	YES
5	0005	PRE-RAP	3	26210.00	21623.55	100.0	.	.	0	.	.	.	YES
6	0009	PRE-RAP	3	26010.00	21670.30	99.0	.	.	1	.	.	.	YES
7	0015	PRE-RAP	3	25697.75	21725.65	100.0	.	.	1	.	.	.	YES
8	0016A	PRE-RAP	3	25668.00	21870.00	100.0	.	.	1	.	.	.	YES
9	0016B	PRE-RAP	3	25668.00	21870.00	100.0	.	.	1	.	.	.	YES
10	0016C	PRE-RAP	3	25668.00	21870.00	100.0	.	.	1	.	.	.	YES
11	0020A	PRE-RAP	3	25821.00	22013.00	99.0	.	.	1	.	.	.	YES
12	0020B	PRE-RAP	3	25821.00	22013.00	99.0	.	.	1	.	.	.	YES
13	0021A	PRE-RAP	-1	26076.00	21925.00	100.0	.	.	1	.	.	.	YES
14	0021B	PRE-RAP	-1	26076.00	21925.00	100.0	.	.	1	.	.	.	YES
15	0021C	PRE-RAP	-1	26076.00	21925.00	100.0	.	.	1	.	.	.	YES
16	0022A	PRE-RAP	-1	26510.00	21934.00	100.0	.	.	1	.	.	.	YES
17	0022B	PRE-RAP	-1	26510.00	21934.00	100.0	.	.	1	.	.	.	YES
18	0022C	PRE-RAP	-1	26510.00	21934.00	100.0	.	.	1	.	.	.	YES
19	0023	PRE-RAP	-1	26680.50	21806.63	100.0	.	.	1	.	.	.	YES
20	0032	PRE-RAP	-1	26682.10	21621.00	99.0	.	.	1	.	.	.	YES
21	0041	PRE-RAP	-1	27070.00	21989.40	33.0	.	.	1	.	.	.	YES
22	0301	PRE-RAP	3	26106.00	21856.00	14.0	.	.	1	.	.	.	YES
23	0302	PRE-RAP	3	26293.00	21837.00	6.0	.	.	1	.	.	.	YES
24	0303	PRE-RAP	3	26612.00	21855.00	6.0	.	.	1	.	.	.	YES
25	0481	PRE-RAP	3	26536.00	21647.00	18.0	.	.	1	.	.	.	YES
26	0482	PRE-RAP	3	26202.00	21639.00	24.0	.	.	1	.	.	.	YES
27	0483	PRE-RAP	3	25829.00	21739.00	34.0	.	.	1	.	.	.	YES
28	0484	PRE-RAP	3	25704.00	21995.00	32.0	.	.	1	.	.	.	YES
29	0485	PRE-RAP	3	26055.00	21990.00	28.0	.	.	1	.	.	.	YES
30	0486	PRE-RAP	3	26302.00	21896.00	25.0	.	.	1	.	.	.	YES
31	0487	PRE-RAP	-1	26218.00	22107.00	15.0	.	.	1	.	.	.	YES
32	0491	PRE-RAP	3	26513.00	21768.00	15.0	.	.	1	.	.	.	YES
33	0492	PRE-RAP	3	26254.00	21768.00	26.0	.	.	1	.	.	.	YES
34	0493	PRE-RAP	3	26002.00	21816.00	26.0	.	.	1	.	.	.	YES
35	0494	PRE-RAP	3	25782.00	21868.00	39.0	.	.	1	.	.	.	YES
36	0495A	PRE-RAP	-1	25384.00	21855.00	77.0	.	.	1	.	.	.	YES
37	0495B	PRE-RAP	-1	25384.00	21855.00	77.0	.	.	1	.	.	.	YES
38	0495C	PRE-RAP	-1	25384.00	21855.00	77.0	.	.	1	.	.	.	YES
39	0496	PRE-RAP	-1	26827.00	21968.00	60.0	.	.	1	.	.	.	YES
40	0498A	PRE-RAP	-1	24701.00	21799.00	75.0	.	.	1	.	.	.	YES
41	0498B	PRE-RAP	-1	24701.00	21799.00	75.0	.	.	1	.	.	.	YES
42	0498C	PRE-RAP	-1	24701.00	21799.00	75.0	.	.	1	.	.	.	YES
43	0499	PRE-RAP	-1	26809.00	21955.00	83.0	.	.	1	.	.	.	YES
44	0691	PIEZOMETER	-1	25832.30	21573.66	.	.	80.0	1	.	.	16MAY86	YES
45	0692	PIEZOMETER	-1	26010.24	21541.73	.	.	60.0	1	.	.	13AUG86	YES
46	0693	PIEZOMETER	-1	26025.19	21537.27	.	.	20.0	1	.	.	13AUG86	YES
47	0694	PIEZOMETER	3	26201.39	21471.21	.	.	63.0	1	.	.	14AUG86	YES
48	0695	PIEZOMETER	-1	25457.67	21866.89	.	.	30.0	1	.	.	09MAY86	YES
49	0696	PIEZOMETER	-1	25473.89	21863.87	.	.	60.0	1	.	.	09MAY86	YES
50	0697	PIEZOMETER	-1	26279.95	21980.54	.	.	25.0	1	.	.	13AUG86	YES
51	0698	PIEZOMETER	-1	26771.19	21937.72	.	.	17.3	1	.	.	14AUG86	YES
52	0699	PIEZOMETER	-1	26739.21	21939.84	.	.	60.0	1	.	.	14AUG86	YES
53	0700	PIEZOMETER	-1	26001.15	22228.14	.	.	5.5	1	.	.	30APR87	YES
54	0701	PIEZOMETER	3	25166.80	21691.08	.	.	45.0	1	.	.	07OCT86	YES
55	0702	PIEZOMETER	-1	25198.99	21958.57	.	.	30.0	1	.	.	09MAY86	YES
56	0703	PIEZOMETER	-1	24916.77	22375.66	.	.	79.2	1	.	.	02MAY86	YES
57	0704	PIEZOMETER	-1	24542.95	22146.27	.	.	13.2	1	.	.	05MAY86	YES
58	0705	PIEZOMETER	-1	24548.26	21837.32	.	.	28.3	1	.	.	05MAY86	YES
59	0706	PIEZOMETER	-1	24550.12	21824.67	.	.	75.0	1	.	.	01MAY86	YES
60	0707	PIEZOMETER	-1	24560.86	21470.22	.	.	75.0	1	.	.	05MAY86	YES
61	0786	PIEZOMETER	-1	26419.07	21270.54	.	.	51.0	1	.	.	17APR87	YES
62	0788	PIEZOMETER	-1	25387.87	21051.93	.	.	83.0	1	.	.	06MAY86	YES
63	0789	PIEZOMETER	3	24975.90	21174.00	.	.	28.0	1	.	.	14MAY86	YES
64	0790	PIEZOMETER	3	24944.39	21491.53	.	.	48.0	1	.	.	08MAY86	YES
65	0791	PIEZOMETER	3	24933.41	21740.72	.	.	41.5	1	.	.	16MAY86	YES
66	0792	PIEZOMETER	-1	24948.90	22088.81	.	.	6.5	1	.	.	31MAR86	YES
67	0793	PIEZOMETER	-1	24560.55	21463.35	.	.	30.0	1	.	.	20MAR87	YES

ORNL-DWG 90-16615



- Streams
- Wag Boundaries
- == Roads
- [ ] Ponds

Status: October 1990

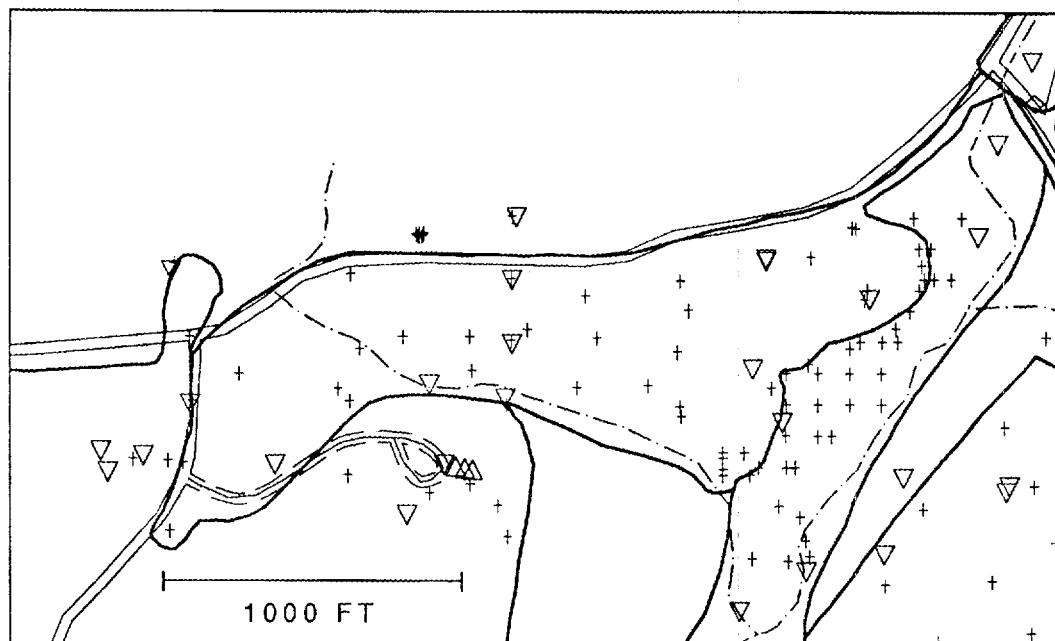
Completed wells: 15

Fig. 9. Water-quality wells in WAG 4.

Table 10.  
WATER QUALITY WELLS IN WAG 4

OBS	WELL	EASTING	NORTHING	DEPTH	SAMPINT	STATUS	DESTRUCT	INSTDATE	VERI_CON
1	0948	27001.43	18959.25	82	62-82	1	.	12OCT89	YES
2	0949	27004.24	18977.16	33	17-33	1	.	13OCT89	YES
3	0950	28013.51	19594.61	49	29-49	1	.	23SEP87	YES
4	0951	28028.70	19594.29	70	49-70	1	.	01DEC87	YES
5	0952	28670.76	19597.79	30	5-30	1	.	24SEP87	YES
6	0953	28686.09	19594.13	70	50-70	1	.	20NOV87	YES
7	0954	29252.93	19252.06	62	42-62	1	.	17APR90	YES
8	0955	29239.15	19243.54	22	12-22	1	.	17APR90	YES
9	0956	28935.51	19123.72	22	12-22	1	.	20APR90	YES
10	0957	28861.00	18908.93	82	52-82	1	.	09APR90	YES
11	0958	28857.05	18900.37	27	12-27	1	.	09APR90	YES
12	0959	28682.44	18729.07	72	52-72	1	.	03APR90	YES
13	0960	28674.37	18742.04	32	17-32	1	.	04APR90	YES
14	0961	27371.38	18799.18	80	60-80	1	.	10OCT89	YES
15	0962	27387.52	18809.05	37	27-37	1	.	11OCT89	YES

ORNL-DWG 90-16616



- Streams
- Wag Boundaries
- Roads
- Ponds

- WELL SYMBOLS**
- ▽ Piezometer
  - + Pre-RAP
  - \* Circle
  - ★ Test Area
  - △ Hydrostatic Head
  - × Hydrofracture
  - ◇ USGS

Status: October 1990

Fig. 10. Additional wells in WAG 4.

Table 11.

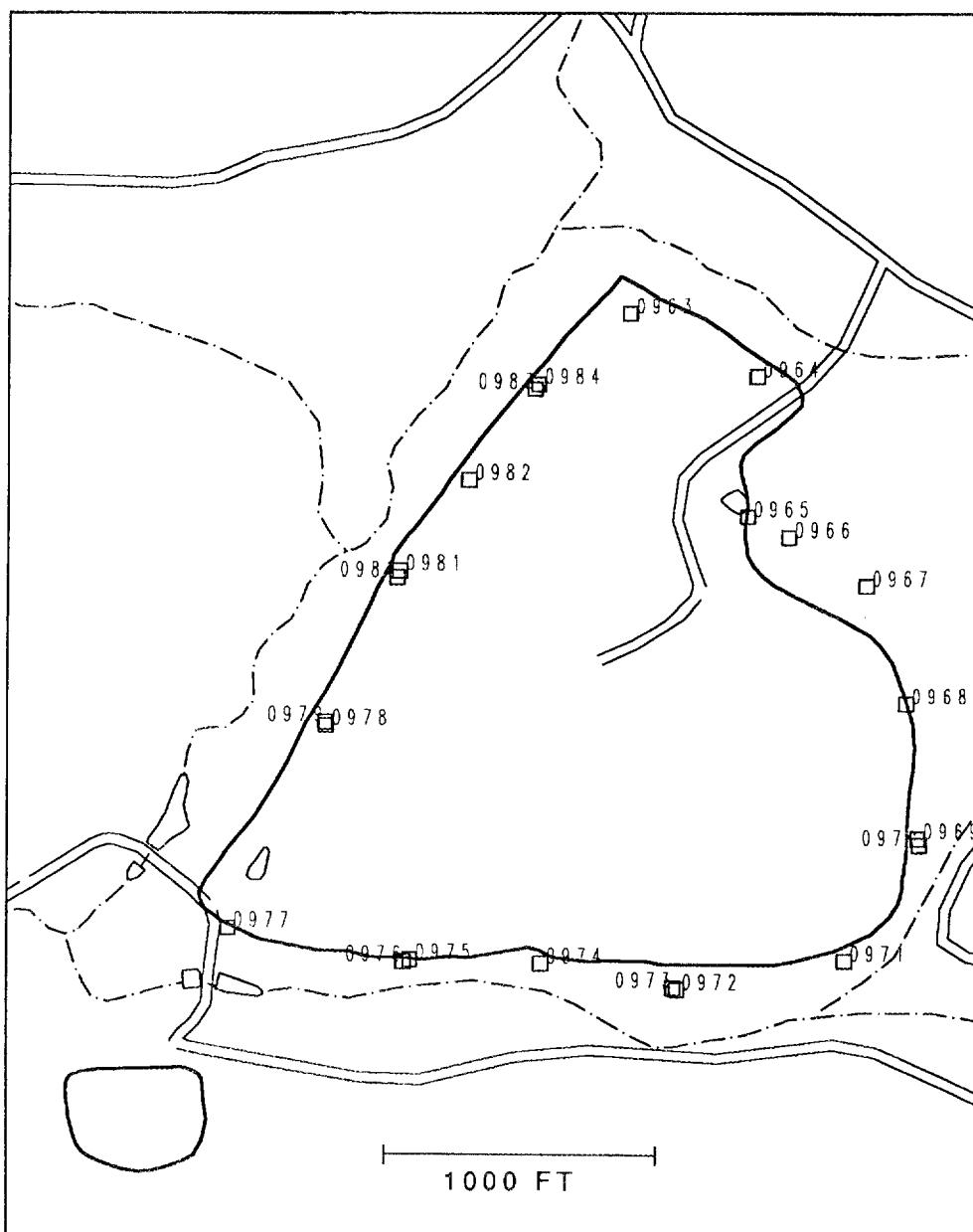
## NON-WATER-QUALITY WELLS WITHIN THE WAG 4 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
1	A-01	PRE-RAP	4	28705	18804	3.7	.	.	1	.	.	.	YES
2	A-02	PRE-RAP	4	28705	18785	3.6	.	.	1	.	.	.	YES
3	A-03	PRE-RAP	4	28705	18855	3.3	.	.	1	.	.	.	YES
4	A-04	PRE-RAP	4	28705	18839	2.9	.	.	1	.	.	.	YES
5	A-05	PRE-RAP	2	28796	18523	5.5	.	.	1	.	.	.	YES
6	A-06	PRE-RAP	2	28908	18514	5.3	.	.	1	.	.	.	YES
7	A-07	PRE-RAP	2	28975	18530	5.9	.	.	1	.	.	.	YES
8	A-08	PRE-RAP	2	28816	18811	3.0	.	.	1	.	.	.	YES
9	A-09	PRE-RAP	2	28902	18811	3.1	.	.	1	.	.	.	YES
10	A-10	PRE-RAP	2	28931	18811	4.3	.	.	1	.	.	.	YES
11	A-11	PRE-RAP	2	28901	18910	2.7	.	.	1	.	.	.	YES
12	A-12	PRE-RAP	2	29000	18909	5.0	.	.	1	.	.	.	YES
13	A-13	PRE-RAP	2	29042	18909	5.2	.	.	1	.	.	.	YES
14	A-14	PRE-RAP	2	28902	19008	1.7	.	.	1	.	.	.	YES
15	A-15	PRE-RAP	2	29000	19008	4.8	.	.	1	.	.	.	YES
16	A-16	PRE-RAP	2	29098	19008	4.5	.	.	1	.	.	.	YES
17	A-17	PRE-RAP	2	29197	19008	8.6	.	.	1	.	.	.	YES
18	A-18	PRE-RAP	2	28902	19106	5.3	.	.	1	.	.	.	YES
19	A-19	PRE-RAP	2	29000	19106	3.2	.	.	1	.	.	.	YES
20	A-20	PRE-RAP	2	29098	19106	4.3	.	.	1	.	.	.	YES
21	A-21	PRE-RAP	2	29197	19106	4.4	.	.	1	.	.	.	YES
22	A-22	PRE-RAP	2	29098	19185	4.6	.	.	1	.	.	.	YES
23	A-23	PRE-RAP	2	29131	19205	4.0	.	.	1	.	.	.	YES
24	A-24	PRE-RAP	2	29198	19205	5.0	.	.	1	.	.	.	YES
25	A-25	PRE-RAP	2	29246	19205	3.0	.	.	1	.	.	.	YES
26	A-26	PRE-RAP	2	29240	19247	2.9	.	.	1	.	.	.	YES
27	A-27	PRE-RAP	2	29285	19303	4.0	.	.	1	.	.	.	YES
28	A-28	PRE-RAP	4	29312	19366	3.3	.	.	1	.	.	.	YES
29	A-29	PRE-RAP	4	29328	19402	4.0	.	.	1	.	.	.	YES
30	A-30	PRE-RAP	2	29358	19402	3.4	.	.	1	.	.	.	YES
31	A-31	PRE-RAP	2	29410	19402	4.7	.	.	1	.	.	.	YES
32	A-32	PRE-RAP	4	29321	19446	3.7	.	.	1	.	.	.	YES
33	A-33	PRE-RAP	4	29312	19500	3.8	.	.	1	.	.	.	YES
34	A-34	PRE-RAP	2	29348	19500	3.6	.	.	1	.	.	.	YES
35	A-35	PRE-RAP	2	29296	19598	3.0	.	.	1	.	.	.	YES
36	A-36	PRE-RAP	2	29296	19598	3.1	.	.	1	.	.	.	YES
37	A-37	PRE-RAP	2	29443	19598	5.0	.	.	1	.	.	.	YES
38	T6-1	PRE-RAP	7	27795	18731	.	.	0	.	.	.	.	YES
39	T6-2	PRE-RAP	7	27921	18758	.	.	0	.	.	.	.	YES
40	T6-3	PRE-RAP	7	28005	18691	.	.	0	.	.	.	.	YES
41	T6-4	PRE-RAP	7	28035	18592	.	.	0	.	.	.	.	YES
42	T6-5	PRE-RAP	2	28962	18580	.	.	0	.	.	.	.	YES
43	T6-6	PRE-RAP	2	28945	18655	.	.	0	.	.	.	.	YES
44	T6-7	PRE-RAP	2	28879	18688	.	.	0	.	.	.	.	YES
45	0079	PRE-RAP	7	26885	18837	.	.	1	.	.	.	.	YES
46	0112	PRE-RAP	-1	27012	19450	95.0	.	.	1	.	.	.	YES
47	0179	PRE-RAP	7	26993	18832	20.5	.	.	1	.	.	.	YES
48	0180	PRE-RAP	7	27057	19220	18.0	.	.	1	.	.	.	YES
49	0181	PRE-RAP	7	27062	19021	14.4	.	.	1	.	.	.	YES
50	0182	PRE-RAP	4	27038	18827	19.7	.	.	1	.	.	.	YES
51	0183	PRE-RAP	4	26997	18612	15.0	.	.	1	.	.	.	YES
52	0184	PRE-RAP	4	27553.00	19418.00	15.6	.	.	1	.	.	.	YES
53	0185	PRE-RAP	4	27580.00	19183.00	.	.	0	.	1975	.	.	YES
54	0186	PRE-RAP	4	27549.00	19019.00	6.0	.	1	.	.	.	.	YES
55	0186A	PRE-RAP	4	27514.00	19058.00	9.0	.	1	.	.	.	.	YES
56	0187	PRE-RAP	7	27544.00	18786.00	19.0	.	1	.	.	.	.	YES
57	0188	PRE-RAP	-1	28052.00	19602.00	19.4	.	1	.	.	.	.	YES
58	0189	PRE-RAP	4	28048.00	19404.00	19.0	.	1	.	.	.	.	YES
59	0190	PRE-RAP	4	28047.00	19208.00	15.2	.	1	.	.	.	.	YES
60	0190A	PRE-RAP	4	28253.00	19061.00	10.5	.	0	.	.	.	.	YES
61	0190B	PRE-RAP	4	28098.00	19243.00	11.7	.	1	.	.	.	.	YES
62	0190C	PRE-RAP	4	27919.00	19221.00	11.6	.	1	.	.	.	.	YES
63	0191	PRE-RAP	7	28034.00	19008.00	7.0	.	1	.	.	.	.	YES
64	0192	PRE-RAP	4	28573.00	19396.00	15.5	.	1	.	.	.	.	YES
65	0193	PRE-RAP	4	28565.00	19172.00	.	.	0	1975	.	.	.	YES
66	0194	PRE-RAP	4	28577.00	18970.00	.	.	0	1975	.	.	.	YES

Table 11. (continued)

## NON-WATER-QUALITY WELLS WITHIN THE WAG 4 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
67	0195	PRE-RAP	2	28789.00	18787.00	7.3	.	.	1	.	.	.	YES
68	0196	PRE-RAP	4	28856.00	19059.00	10.5	.	.	1	.	.	.	YES
69	0197	PRE-RAP	2	28970.00	19134.00	14.8	.	.	1	.	.	.	YES
70	0198	PRE-RAP	4	29106.00	19568.00	.	.	.	0	1975	.	.	YES
71	0199	PRE-RAP	4	29144.00	19338.00	.	.	.	0	1975	.	.	YES
72	0200	PRE-RAP	4	29116.00	19565.00	11.0	.	.	1	.	.	.	YES
73	0201	PRE-RAP	4	29183.00	19367.00	28.6	.	.	1	.	.	.	YES
74	0202	PRE-RAP	4	28563.00	19173.00	19.1	.	.	1	.	.	.	YES
75	0203	PRE-RAP	4	28572.00	19001.00	19.4	.	.	1	.	.	.	YES
76	0404	PRE-RAP	4	27714.00	19220.00	10.4	.	.	1	.	.	.	YES
77	0407	PRE-RAP	4	28279.00	19349.00	7.8	.	.	1	.	.	.	YES
78	0410	PRE-RAP	4	28472.00	19066.00	17.0	.	.	0	1975	.	.	YES
79	0420	PRE-RAP	5	29371.00	18258.00	9.5	.	.	1	.	.	.	YES
80	0449	PRE-RAP	5	29658.00	18285.00	40.0	.	.	1	.	.	.	YES
81	0513	PRE-RAP	5	29209.00	18440.00	20.0	.	.	1	.	.	.	YES
82	0514	PRE-RAP	5	29537.00	18452.00	30.0	.	.	1	.	.	.	YES
83	0516	PRE-RAP	5	29324.00	18679.00	26.0	.	.	1	.	.	.	YES
84	0517	PRE-RAP	5	29575.00	18937.00	32.0	.	.	1	.	.	.	YES
85	0518	PRE-RAP	5	29667.00	18752.00	31.0	.	.	1	.	.	.	YES
86	0519	PRE-RAP	5	29733.00	18573.00	25.0	.	.	1	.	.	.	YES
87	0523	PRE-RAP	-1	29703.00	19220.00	10.0	.	.	1	.	.	.	YES
88	0530A	PRE-RAP	.	28978.00	19472.00	17.5	.	.	1	.	.	.	YES
89	0531A	PRE-RAP	.	28598.00	19304.00	21.1	.	.	1	.	.	.	YES
90	0532A	PRE-RAP	.	28771.00	18855.00	9.5	.	.	1	.	.	.	YES
91	0533A	PRE-RAP	.	28314.00	19216.00	24.9	.	.	1	.	.	.	YES
92	0534A	PRE-RAP	.	27926.00	19115.00	15.8	.	.	1	.	.	.	YES
93	0536A	PRE-RAP	.	27210.00	19105.00	27.9	.	.	1	.	.	.	YES
94	4TR-10	PRE-RAP	.	27753.00	19547.00	29.3	.	.	1	.	.	.	YES
95	4TR-11	PRE-RAP	.	27765.00	19548.00	20.8	.	.	1	.	.	.	YES
96	4TR-4	PRE-RAP	.	27777.00	19548.00	30.0	.	.	1	.	.	.	YES
97	4TR-5	PRE-RAP	.	27776.00	19542.00	28.9	.	.	1	.	.	.	YES
98	4TR-6	PRE-RAP	.	27772.00	19538.00	29.5	.	.	1	.	.	.	YES
99	4TR-7	PRE-RAP	.	27765.00	19536.00	27.1	.	.	1	.	.	.	YES
100	4TR-8	PRE-RAP	.	27760.00	19537.00	30.9	.	.	1	.	.	.	YES
101	4TR-9	PRE-RAP	.	27756.00	19541.00	30.8	.	.	1	.	.	.	YES
102	1004	HYDROSTATI	7	27929.18	18805.38	.	400.0	.	1	.	.	15FEB88	YES
103	1005	HYDROSTATI	7	27904.42	18809.57	.	238.0	.	1	.	.	18MAR88	YES
104	1006	HYDROSTATI	7	27875.83	18815.87	.	80.0	.	1	.	.	04APR88	YES
105	U30	USGS	.	29668.34	19962.28	.	.	19.7	1	.	.	23OCT85	NO
106	0562	PIEZOMETER	5	29580.45	18735.26	.	.	150.0	1	.	.	04SEP86	YES
107	0676	PIEZOMETER	7	26805.04	18796.91	.	.	27.0	1	.	.	17APR86	YES
108	0678	PIEZOMETER	7	27727.56	18663.22	.	.	71.3	1	.	.	11DEC86	YES
109	0679	PIEZOMETER	-1	27001.86	19429.35	.	.	47.0	1	.	.	26FEB86	YES
110	0680	PIEZOMETER	4	27320.23	18820.12	.	.	30.0	1	.	.	08APR86	YES
111	0681	PIEZOMETER	4	27795.65	19072.67	.	.	5.0	1	.	.	31MAR87	YES
112	0682	PIEZOMETER	4	28840.01	19469.80	.	.	40.0	1	.	.	02APR86	YES
113	0683	PIEZOMETER	4	28839.84	19459.74	.	.	75.0	1	.	.	19JUN86	YES
114	0684	PIEZOMETER	-1	28065.81	19602.19	.	.	51.0	1	.	.	09JAN87	YES
115	0685	PIEZOMETER	4	28049.72	19399.76	.	.	50.0	1	.	.	07APR86	YES
116	0686	PIEZOMETER	4	28050.41	19200.06	.	.	50.0	1	.	.	04APR86	YES
117	0687	PIEZOMETER	4	28031.11	19028.51	.	.	45.0	1	.	.	19JUN86	YES
118	0688	PIEZOMETER	4	28798.63	19121.56	.	.	30.0	1	.	.	04APR86	YES
119	0689	PIEZOMETER	4	29159.27	19339.85	.	.	40.0	1	.	.	03APR86	YES
120	0690	PIEZOMETER	7	27060.52	19009.82	.	.	31.0	1	.	.	26FEB86	YES
121	0708	PIEZOMETER	-1	29264.52	18778.57	.	.	18.0	1	.	.	08DEC86	YES
122	0712	PIEZOMETER	2	28964.25	18483.84	.	.	9.3	1	.	.	20MAR87	YES
123	0715	PIEZOMETER	5	29589.45	18752.99	.	.	41.0	1	.	.	22JUL86	YES
124	0716	PIEZOMETER	5	29205.86	18535.72	.	.	101.0	1	.	.	07JAN87	YES
125	0718	PIEZOMETER	7	26783.99	18863.66	.	.	35.0	1	.	.	21APR86	YES
126	0719	PIEZOMETER	7	26915.53	18848.63	.	.	34.5	1	.	.	18APR86	YES
127	0720	PIEZOMETER	7	27839.79	18821.23	.	.	73.0	1	.	.	10DEC86	YES
128	0722	PIEZOMETER	1	29661.13	20094.40	.	.	11.0	1	.	.	07APR87	YES
129	0723	PIEZOMETER	2	29553.92	19832.63	.	.	20.0	1	.	.	15DEC86	YES
130	0724	PIEZOMETER	2	29493.57	19538.67	.	.	8.0	1	.	.	30APR87	YES
131	0725	PIEZOMETER	2	28757.14	18357.14	.	.	9.3	1	.	.	20MAR87	YES
132	0787	PIEZOMETER	4	28890.60	18954.06	.	.	9.0	1	.	.	30APR87	YES



- Stream
- WAG Boundaries
- Roads
- [Box] Ponds

Status: October 1990

Completed wells: 22

Fig. 11. Water-quality wells in WAG 5.

Table 12.

## WATER QUALITY WELLS IN WAG 5

OBS	WELL	EASTING	NORTHING	DEPTH	SAMPINT	STATUS	DESTRUCT	INSTDATE	VERI_CON
1	0963	29700.02	19045.24	95	65-95	1	.	28JUL87	YES
2	0964	30100.95	18844.95	49	29-49	1	.	30JUL87	YES
3	0965	30072.06	18398.53	28	18-28	1	.	17AUG87	YES
4	0966	30202.04	18332.79	24	9-24	1	.	24AUG87	YES
5	0967	30447.16	18179.87	60	30-60	1	.	21AUG87	YES
6	0968	30573.52	17803.81	20	10-20	1	.	24AUG87	YES
7	0969	30610.40	17371.21	15	5-15	1	.	28AUG87	YES
8	0970	30614.63	17350.89	75	60-75	1	.	25AUG87	YES
9	0971	30380.97	16982.70	15	10-15	1	.	26AUG87	YES
10	0972	29852.63	16891.93	75	60-75	1	.	31AUG87	YES
11	0973	29841.49	16897.75	15	10-15	1	.	09SEP87	YES
12	0974	29425.68	16972.92	22	12-22	1	.	01SEP87	YES
13	0975	29013.70	16984.39	28	18-28	1	.	09SEP87	YES
14	0976	28994.24	16978.44	84	69-84	1	.	22AUG89	YES
15	0977	28444.10	17084.35	20	5-20	1	.	14JUL87	YES
16	0978	28749.92	17729.80	20	10-20	1	.	23JUL87	YES
17	0979	28746.51	17740.81	49	34-49	1	.	13AUG87	YES
18	0980	28970.82	18204.96	50	35-50	1	.	17AUG87	YES
19	0981	28978.97	18225.49	20	10-20	1	.	25JUL87	YES
20	0982	29195.34	18513.55	16	6-16	1	.	11AUG87	YES
21	0983	29402.27	18803.88	25	10-25	1	.	14AUG87	YES
22	0984	29411.99	18819.93	80	60-80	1	.	19AUG87	YES



—·— Streams  
—— Wag Boundaries  
— Roads  
□ Ponds

WELL SYMBOLS  
 ▽ Piezometer  
 + Pre-RAP  
 \* CERCLA  
 ★ TARA  
 △ Hydrostatic head  
 X Hydrofracture  
 ◇ USGS

Status: October 1990

Fig. 12. Additional wells in WAG 5.

Table 13.

## NON-WATER-QUALITY WELLS WITHIN THE WAG 5 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
1	A-01	PRE-RAP	4	28705	18804	3.7	.	.	1	.	.	.	YES
2	A-02	PRE-RAP	4	28705	18785	3.6	.	.	1	.	.	.	YES
3	A-03	PRE-RAP	4	28705	18855	3.3	.	.	1	.	.	.	YES
4	A-04	PRE-RAP	4	28705	18839	2.9	.	.	1	.	.	.	YES
5	A-05	PRE-RAP	2	28796	18523	5.5	.	.	1	.	.	.	YES
6	A-06	PRE-RAP	2	28908	18514	5.3	.	.	1	.	.	.	YES
7	A-07	PRE-RAP	2	28975	18530	5.9	.	.	1	.	.	.	YES
8	A-08	PRE-RAP	2	28816	18811	3.0	.	.	1	.	.	.	YES
9	A-09	PRE-RAP	2	28902	18811	3.1	.	.	1	.	.	.	YES
10	A-10	PRE-RAP	2	28931	18811	4.3	.	.	1	.	.	.	YES
11	A-11	PRE-RAP	2	28901	18910	2.7	.	.	1	.	.	.	YES
12	A-12	PRE-RAP	2	29000	18909	5.0	.	.	1	.	.	.	YES
13	A-13	PRE-RAP	2	29042	18909	5.2	.	.	1	.	.	.	YES
14	A-14	PRE-RAP	2	28902	19008	1.7	.	.	1	.	.	.	YES
15	A-15	PRE-RAP	2	29000	19008	4.8	.	.	1	.	.	.	YES
16	A-16	PRE-RAP	2	29098	19008	4.5	.	.	1	.	.	.	YES
17	A-17	PRE-RAP	2	29197	19008	8.6	.	.	1	.	.	.	YES
18	A-18	PRE-RAP	2	28902	19106	5.3	.	.	1	.	.	.	YES
19	A-19	PRE-RAP	2	29000	19106	3.2	.	.	1	.	.	.	YES
20	A-20	PRE-RAP	2	29098	19106	4.3	.	.	1	.	.	.	YES
21	A-21	PRE-RAP	2	29197	19106	4.4	.	.	1	.	.	.	YES
22	A-22	PRE-RAP	2	29098	19185	4.6	.	.	1	.	.	.	YES
23	A-23	PRE-RAP	2	29131	19205	4.0	.	.	1	.	.	.	YES
24	A-24	PRE-RAP	2	29198	19205	5.0	.	.	1	.	.	.	YES
25	A-25	PRE-RAP	2	29246	19205	3.0	.	.	1	.	.	.	YES
26	A-26	PRE-RAP	2	29240	19247	2.9	.	.	1	.	.	.	YES
27	A-27	PRE-RAP	2	29285	19303	4.0	.	.	1	.	.	.	YES
28	A-28	PRE-RAP	4	29312	19366	3.3	.	.	1	.	.	.	YES
29	A-29	PRE-RAP	4	29328	19402	4.0	.	.	1	.	.	.	YES
30	A-30	PRE-RAP	2	29358	19402	3.4	.	.	1	.	.	.	YES
31	A-31	PRE-RAP	2	29410	19402	4.7	.	.	1	.	.	.	YES
32	A-32	PRE-RAP	4	29321	19446	3.7	.	.	1	.	.	.	YES
33	A-33	PRE-RAP	4	29312	19500	3.8	.	.	1	.	.	.	YES
34	A-34	PRE-RAP	2	29348	19500	3.6	.	.	1	.	.	.	YES
35	A-35	PRE-RAP	2	29296	19598	3.0	.	.	1	.	.	.	YES
36	A-36	PRE-RAP	2	29296	19598	3.1	.	.	1	.	.	.	YES
37	A-37	PRE-RAP	2	29443	19598	5.0	.	.	1	.	.	.	YES
38	B-1	PRE-RAP	5	30352	17064	.	.	.	1	.	.	.	YES
39	B-2	PRE-RAP	5	30419	17109	.	.	.	1	.	.	.	YES
40	B-3	PRE-RAP	5	30482	17185	.	.	.	1	.	.	.	YES
41	B-4	PRE-RAP	5	30534	17274	.	.	.	1	.	.	.	YES
42	B-5	PRE-RAP	5	30548	17377	.	.	.	1	.	.	.	YES
43	B-6	PRE-RAP	5	30399	17448	.	.	.	1	.	.	.	YES
44	B-7	PRE-RAP	5	30364	17387	.	.	.	1	.	.	.	YES
45	B-8	PRE-RAP	5	30341	17318	.	.	.	1	.	.	.	YES
46	B-9	PRE-RAP	5	30266	17184	.	.	.	1	.	.	.	YES
47	T105-1	PRE-RAP	5	29138	17333	14.1	.	.	1	.	.	.	YES
48	T105-2	PRE-RAP	5	29125	17316	14.6	.	.	1	.	.	.	YES
49	T105-3	PRE-RAP	5	29083	17259	13.8	.	.	1	.	.	.	YES
50	T105-4	PRE-RAP	5	29070	17242	13.1	.	.	1	.	.	.	YES
51	T105-5	PRE-RAP	5	29010	17149	14.5	.	.	1	.	.	.	YES
52	T105-6	PRE-RAP	5	28997	17119.0	15.8	.	.	1	.	.	.	YES
53	T117-1	PRE-RAP	5	29933	16987.0	7.0	.	.	1	.	.	.	YES
54	T29-1	PRE-RAP	5	30419	17695.0	11.9	.	.	1	.	.	.	YES
55	T30-1	PRE-RAP	5	30403	17640.0	10.9	.	.	1	.	.	.	YES
56	T31-1	PRE-RAP	5	30078	17389.0	13.9	.	.	1	.	.	.	YES
57	T6-1	PRE-RAP	7	27795	18731.0	.	.	.	0	.	.	.	YES
58	T6-2	PRE-RAP	7	27921	18758.0	.	.	.	0	.	.	.	YES
59	T6-3	PRE-RAP	7	28005	18691.0	.	.	.	0	.	.	.	YES
60	T6-4	PRE-RAP	7	28035	18592.0	.	.	.	0	.	.	.	YES
61	T6-5	PRE-RAP	2	28962	18580.0	.	.	.	0	.	.	.	YES
62	T6-6	PRE-RAP	2	28945	18655.0	.	.	.	0	.	.	.	YES
63	T6-7	PRE-RAP	2	28879	18688.0	.	.	.	0	.	.	.	YES
64	T60-1	PRE-RAP	5	29094	17075.0	14.0	.	.	1	.	.	.	YES
65	T64-1	PRE-RAP	5	29511	17061.0	14.6	.	.	1	.	.	.	YES
66	T66-1	PRE-RAP	5	29073	17095.0	16.7	.	.	1	.	.	.	YES

Table 13. (continued)

## NON-WATER-QUALITY WELLS WITHIN THE WAG 5 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
67	T7-15	PRE-RAP	7	27831	17516.5	.	.	.	1	.	.	.	YES
68	T83-1	PRE-RAP	5	29153	17323.0	15.7	.	.	1	.	.	.	YES
69	T83-2	PRE-RAP	5	29140	17306.0	9.7	.	.	1	.	.	.	YES
70	T83-3	PRE-RAP	5	29096	17253.0	11.5	.	.	1	.	.	.	YES
71	T83-4	PRE-RAP	5	29085	17235.0	14.3	.	.	1	.	.	.	YES
72	T83-5	PRE-RAP	5	29026	17138.0	14.0	.	.	1	.	.	.	YES
73	WT7-11	PRE-RAP	7	27785	17385.0	.	.	.	0	.	.	.	YES
74	WT7-12	PRE-RAP	7	27772	17402.0	.	.	.	0	.	.	.	YES
75	WT7-13	PRE-RAP	7	27765	17408.0	.	.	.	0	.	.	.	YES
76	WT7-14	PRE-RAP	7	27783	17422.0	.	.	.	0	.	.	.	YES
77	WT7-2	PRE-RAP	7	27762	17160.0	.	.	.	0	.	.	.	YES
78	WT7-3	PRE-RAP	7	27785	17223.0	.	.	.	0	.	.	.	YES
79	WT7-4	PRE-RAP	7	27791	17291.0	.	.	.	0	.	.	.	YES
80	WT7-5	PRE-RAP	7	27811	17384.0	.	.	.	1	.	.	.	YES
81	WT7-5A	PRE-RAP	7	27820	17415.0	.	.	.	0	.	.	.	YES
82	WT7-6	PRE-RAP	7	27818	17443.0	.	.	.	0	.	.	.	YES
83	WT7-6A	PRE-RAP	7	27820	17481.0	.	.	.	0	.	.	.	YES
84	WT7-7	PRE-RAP	7	27822	17512.0	.	.	.	0	.	.	.	YES
85	0129	PRE-RAP	5	29379	18249.0	.	.	.	0	.	.	.	YES
86	0130	PRE-RAP	5	29136	18248.0	4.9	.	.	1	.	.	.	YES
87	0131	PRE-RAP	5	28934	18151.0	8.7	.	.	0	1975	.	.	YES
88	0132	PRE-RAP	5	28872	18030.0	9.3	.	.	1	.	.	.	YES
89	0133	PRE-RAP	2	28795	17934.0	7.2	.	.	0	1976	.	.	YES
90	0134	PRE-RAP	2	28733	17827.0	8.4	.	.	0	1976	.	.	YES
91	0135	PRE-RAP	5	28651	17644.0	9.3	.	.	0	1975	.	.	YES
92	0136	PRE-RAP	5	28578	17464.0	9.7	.	.	0	1976	.	.	YES
93	0137	PRE-RAP	5	28499	17272.0	.	.	.	0	1975	.	.	YES
94	0138	PRE-RAP	2	28425	17086.0	.	.	.	0	1975	.	.	YES
95	0139	PRE-RAP	5	28916	16999.0	.	.	.	0	1975	.	.	YES
96	0140	PRE-RAP	5	29038	17171.0	17.2	.	.	0	1975	.	.	YES
97	0141	PRE-RAP	5	29138	17334.0	20.3	.	.	0	1975	.	.	YES
98	0142	PRE-RAP	5	29243	17503.0	.	.	.	0	1975	.	.	YES
99	0143	PRE-RAP	5	29350	17686.0	24.7	.	.	1	.	.	.	YES
100	0144	PRE-RAP	5	29420	17794.0	11.7	.	.	0	1975	.	.	YES
101	0145	PRE-RAP	5	29644	17879.0	10.6	.	.	1	.	.	.	YES
102	0146	PRE-RAP	5	29872	18029.0	17.3	.	.	0	1975	.	.	YES
103	0147	PRE-RAP	5	29843	17931	20.3	.	.	1	.	.	.	YES
104	0148	PRE-RAP	5	29734	17759	.	.	.	0	1975	.	.	YES
105	0149	PRE-RAP	5	29641	17561	3.7	.	.	1	.	.	.	YES
106	0150	PRE-RAP	5	29517	17387	.	.	.	0	1975	.	.	YES
107	0151	PRE-RAP	2	29422	16981	6.6	.	.	0	1975	.	.	YES
108	0152	PRE-RAP	2	29899	16932	.	.	.	0	1975	.	.	YES
109	0153	PRE-RAP	5	29994	17108	16.0	.	.	0	1975	.	.	YES
110	0154	PRE-RAP	5	30088	17282	15.0	.	.	0	1975	.	.	YES
111	0155	PRE-RAP	5	30184	17465	18.0	.	.	0	1975	.	.	YES
112	0156	PRE-RAP	5	30270	17640	18.9	.	.	0	1975	.	.	YES
113	0157	PRE-RAP	2	30555	17151	6.1	.	.	1	.	.	.	YES
114	0158	PRE-RAP	-1	30590	17340	.	.	.	0	1975	.	.	YES
115	0159	PRE-RAP	-1	30610	17535	6.1	.	.	1	.	.	.	YES
116	0160	PRE-RAP	-1	30617	17744	9.0	.	.	1	.	.	.	YES
117	0161	PRE-RAP	-1	30578	17873	7.7	.	.	1	.	.	.	YES
118	0162	PRE-RAP	5	30360	17809	8.9	.	.	1	.	.	.	YES
119	0163	PRE-RAP	5	29358	17287	.	.	.	0	1975	.	.	YES
120	0164	PRE-RAP	5	28802	17485	19.6	.	.	0	1975	.	.	YES
121	0165	PRE-RAP	5	29112	17939	17.0	.	.	1	.	.	.	YES
122	0166	PRE-RAP	5	29459	17774	15.4	.	.	0	1975	.	.	YES
123	0167	PRE-RAP	5	29334	18074	12.2	.	.	1	.	.	.	YES
124	0168	PRE-RAP	5	30280	17307	18.9	.	.	0	.	.	.	YES
125	0169	PRE-RAP	5	29699	17371	15.8	.	.	1	.	.	.	YES
126	0170	PRE-RAP	5	29924	17759	.	.	.	0	1975	.	.	YES
127	0171	PRE-RAP	5	30343	17768	18.8	.	.	0	1975	.	.	YES
128	0172	PRE-RAP	5	30418	17795	6.7	.	.	1	.	.	.	YES
129	0173	PRE-RAP	5	30123	17779	16.9	.	.	1	.	.	.	YES
130	0174	PRE-RAP	5	30382	17829	125.4	.	.	1	.	.	.	YES
131	0175	PRE-RAP	5	30214	17521	148.4	.	.	1	.	.	.	YES
132	0176	PRE-RAP	5	29329	17829	143.3	.	.	1	.	.	.	YES

Table 13. (continued)

## NON-WATER-QUALITY WELLS WITHIN THE WAG 5 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
133	0177	PRE-RAP	5	29358	17529	149.4	.	.	1	.	.	.	YES
134	0178	PRE-RAP	5	28864	17572	153.0	.	.	1	.	.	.	YES
135	0188	PRE-RAP	-1	28052	19602	19.4	.	.	1	.	.	.	YES
136	0189	PRE-RAP	4	28048	19404	19.0	.	.	1	.	.	.	YES
137	0190	PRE-RAP	4	28047	19208	15.2	.	.	1	.	.	.	YES
138	0190A	PRE-RAP	4	28253	19061	10.5	.	.	0	.	.	.	YES
139	0190B	PRE-RAP	4	28098	19243	11.7	.	.	1	.	.	.	YES
140	0190C	PRE-RAP	4	27919	19221	11.6	.	.	1	.	.	.	YES
141	0191	PRE-RAP	7	28034	19008	7.0	.	.	1	.	.	.	YES
142	0192	PRE-RAP	4	28573	19396	15.5	.	.	1	.	.	.	YES
143	0193	PRE-RAP	4	28565	19172	.	.	.	0	1975	.	.	YES
144	0194	PRE-RAP	4	28577	18970	.	.	.	0	1975	.	.	YES
145	0195	PRE-RAP	2	28789	18787	7.3	.	.	1	.	.	.	YES
146	0196	PRE-RAP	4	28856	19059	10.5	.	.	1	.	.	.	YES
147	0197	PRE-RAP	2	28970	19134	14.8	.	.	1	.	.	.	YES
148	0198	PRE-RAP	4	29106	19568	.	.	.	0	1975	.	.	YES
149	0199	PRE-RAP	4	29144	19338	.	.	.	0	1975	.	.	YES
150	0200	PRE-RAP	4	29116	19565	11.0	.	.	1	.	.	.	YES
151	0201	PRE-RAP	4	29183	19367	28.6	.	.	1	.	.	.	YES
152	0202	PRE-RAP	4	28563	19173	19.1	.	.	1	.	.	.	YES
153	0203	PRE-RAP	4	28572	19001	19.4	.	.	1	.	.	.	YES
154	0407	PRE-RAP	4	28279	19349	7.8	.	.	1	.	.	.	YES
155	0410	PRE-RAP	4	28472	19066	17.0	.	.	0	1975	.	.	YES
156	0419	PRE-RAP	5	29218	17008	17.2	.	.	1	.	.	.	YES
157	0420	PRE-RAP	5	29371	18258	9.5	.	.	1	.	.	.	YES
158	0421	PRE-RAP	5	28991	18197	8.8	.	.	1	.	.	.	YES
159	0422	PRE-RAP	5	28450	17166	11.8	.	.	1	.	.	.	YES
160	0423	PRE-RAP	5	29056	17038	17.9	.	.	1	.	.	.	YES
161	0424	PRE-RAP	5	29348	17683	39.0	.	.	1	.	.	.	YES
162	0425	PRE-RAP	5	29620	17576	8.0	.	.	1	.	.	.	YES
163	0426	PRE-RAP	5	29497	17383	4.4	.	.	1	.	.	.	YES
164	0427	PRE-RAP	2	29425	16989	10.0	.	.	1	.	.	.	YES
165	0428	PRE-RAP	2	29892	16934	3.9	.	.	1	.	.	.	YES
166	0429	PRE-RAP	5	30291	17251	22.3	.	.	1	.	.	.	YES
167	0430	PRE-RAP	5	29962	18083	28.8	.	.	1	.	.	.	YES
168	0431	PRE-RAP	5	29675	18059	34.8	.	.	1	.	.	.	YES
169	0432	PRE-RAP	5	29101	17958	26.7	.	.	1	.	.	.	YES
170	0433	PRE-RAP	5	29071	17488	44.4	.	.	1	.	.	.	YES
171	0434	PRE-RAP	5	29119	17393	32.1	.	.	1	.	.	.	YES
172	0435	PRE-RAP	5	28990	17232	29.8	.	.	1	.	.	.	YES
173	0436	PRE-RAP	5	29080	17081	30.7	.	.	1	.	.	.	YES
174	0437	PRE-RAP	5	29209	17270	36.2	.	.	1	.	.	.	YES
175	0438	PRE-RAP	5	29317	17418	37.4	.	.	1	.	.	.	YES
176	0439	PRE-RAP	5	29297	17134	34.5	.	.	1	.	.	.	YES
177	0440	PRE-RAP	5	29382	17280	36.0	.	.	1	.	.	.	YES
178	0441	PRE-RAP	5	29604	17822	41.5	.	.	1	.	.	.	YES
179	0442	PRE-RAP	5	28747	17433	47.9	.	.	1	.	.	.	YES
180	0443	PRE-RAP	5	28723	17185	47.4	.	.	1	.	.	.	YES
181	0444	PRE-RAP	5	30017	17149	20.7	.	.	1	.	.	.	YES
182	0445	PRE-RAP	5	30286	17652	64.1	.	.	1	.	.	.	YES
183	0446	PRE-RAP	5	29520	17184	29.3	.	.	1	.	.	.	YES
184	0447	PRE-RAP	5	28992	17778	7.9	.	.	1	.	.	.	YES
185	0448	PRE-RAP	5	29325	18056	60.4	.	.	1	.	.	.	YES
186	0449	PRE-RAP	5	29658	18285	40.0	.	.	1	.	.	.	YES
187	0450	PRE-RAP	5	30073	17850	33.7	.	.	1	.	.	.	YES
188	0451	PRE-RAP	5	29962	17581	34.1	.	.	1	.	.	.	YES
189	0452	PRE-RAP	5	29827	17341	29.8	.	.	1	.	.	.	YES
190	0453	PRE-RAP	5	30290	17223	29.0	.	.	1	.	.	.	YES
191	0454	PRE-RAP	5	30554	17344	22.0	.	.	1	.	.	.	YES
192	0455	PRE-RAP	5	30198	18007	35.8	.	.	1	.	.	.	YES
193	0456	PRE-RAP	5	28577	17498	10.6	.	.	1	.	.	.	YES
194	0457	PRE-RAP	2	28719	17850	9.6	.	.	1	.	.	.	YES
195	0458A	PRE-RAP	5	29367	17254	151.0	.	.	1	.	.	.	YES
196	0458B	PRE-RAP	5	29367	17254	202.0	.	.	1	.	.	.	YES
197	0459A	PRE-RAP	5	29355	17228	100.0	.	.	1	.	.	.	YES
198	0459B	PRE-RAP	5	29355	17228	153.0	.	.	1	.	.	.	YES

Table 13. (continued)

## NON-WATER-QUALITY WELLS WITHIN THE WAG 5 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
199	0460	PRE-RAP	5	29347	17185	100.0	.	.	1	.	.	.	YES
200	0460A	PRE-RAP	5	29347	17185	100.0	.	.	1	.	.	.	YES
201	0461	PRE-RAP	2	29585	16879	202.0	.	.	1	.	.	.	YES
202	0462	PRE-RAP	2	29562	16888	151.0	.	.	1	.	.	.	YES
203	0463	PRE-RAP	2	29541	16901	100.0	.	.	1	.	.	.	YES
204	0464	PRE-RAP	2	29523	16918	11.0	.	.	1	.	.	.	YES
205	0465	PRE-RAP	5	28585	17525	201.0	.	.	1	.	.	.	YES
206	0466	PRE-RAP	5	28573	17503	152.0	.	.	1	.	.	.	YES
207	0467	PRE-RAP	5	28563	17480	101.0	.	.	1	.	.	.	YES
208	0468	PRE-RAP	5	28551	17457	15.0	.	.	1	.	.	.	YES
209	0469A	PRE-RAP	5	29984	18011	201.0	.	.	1	.	.	.	YES
210	0470	PRE-RAP	5	29956	18016	151.0	.	.	1	.	.	.	YES
211	0471	PRE-RAP	5	29867	18034	99.0	.	.	1	.	.	.	YES
212	0472	PRE-RAP	5	29914	18026	20.0	.	.	1	.	.	.	YES
213	0473	PRE-RAP	5	30466	17225	200.0	.	.	1	.	.	.	YES
214	0474	PRE-RAP	5	30489	17239	151.0	.	.	1	.	.	.	YES
215	0475	PRE-RAP	5	30501	17247	100.0	.	.	1	.	.	.	YES
216	0476	PRE-RAP	5	30532	17265	30.0	.	.	1	.	.	.	YES
217	0501	PRE-RAP	5	28867	17176	18.9	.	.	1	.	.	.	YES
218	0502	PRE-RAP	5	28895	17301	17.8	.	.	1	.	.	.	YES
219	0504	PRE-RAP	5	29936	17806	16.3	.	.	1	.	.	.	YES
220	0505	PRE-RAP	5	30000	17700	18.0	.	.	0	1975	.	.	YES
221	0506	PRE-RAP	5	29697	17410	18.2	.	.	1	.	.	.	YES
222	0507	PRE-RAP	5	30064	17316	19.5	.	.	0	1978	.	.	YES
223	0508	PRE-RAP	5	30138	17506	19.0	.	.	0	1978	.	.	YES
224	0510	PRE-RAP	5	29766	17730	12.6	.	.	1	.	.	.	YES
225	0511	PRE-RAP	5	29801	17500	15.7	.	.	1	.	.	.	YES
226	0512	PRE-RAP	5	29850	17828	12.8	.	.	1	.	.	.	YES
227	0513	PRE-RAP	5	29209	18440	20.0	.	.	1	.	.	.	YES
228	0514	PRE-RAP	5	29537	18452	30.0	.	.	1	.	.	.	YES
229	0516	PRE-RAP	5	29324	18679	26.0	.	.	1	.	.	.	YES
230	0517	PRE-RAP	5	29575	18937	32.0	.	.	1	.	.	.	YES
231	0518	PRE-RAP	5	29667	18752	31.0	.	.	1	.	.	.	YES
232	0519	PRE-RAP	5	29733	18573	25.0	.	.	1	.	.	.	YES
233	0520	PRE-RAP	5	30024	18681	24.0	.	.	1	.	.	.	YES
234	0521	PRE-RAP	5	29918	18896	87.0	.	.	1	.	.	.	YES
235	0522	PRE-RAP	5	29805	19040	68.0	.	.	1	.	.	.	YES
236	0523	PRE-RAP	-1	29703	19220	10.0	.	.	1	.	.	.	YES
237	0524	PRE-RAP	-1	30163	19012	11.0	.	.	1	.	.	.	YES
238	0525	PRE-RAP	-1	30279	18871	29.0	.	.	1	.	.	.	YES
239	0526	PRE-RAP	5	29878	18416	26.0	.	.	1	.	.	.	YES
240	0527	PRE-RAP	-1	30221	18355	16.0	.	.	1	.	.	.	YES
241	0528	PRE-RAP	-1	30158	18524	34.0	.	.	1	.	.	.	YES
242	0529	PRE-RAP	-1	30370	18665	40.0	.	.	1	.	.	.	YES
243	0530A	PRE-RAP	-	28978	19472	17.5	.	.	1	.	.	.	YES
244	0531A	PRE-RAP	-	28598	19304	21.1	.	.	1	.	.	.	YES
245	0532A	PRE-RAP	-	28771	18855	9.5	.	.	1	.	.	.	YES
246	0533A	PRE-RAP	-	28314	19216	24.9	.	.	1	.	.	.	YES
247	0534A	PRE-RAP	-	27926	19115	15.8	.	.	1	.	.	.	YES
248	4TR-10	PRE-RAP	-	27753	19547	29.3	.	.	1	.	.	.	YES
249	4TR-11	PRE-RAP	-	27765	19548	20.8	.	.	1	.	.	.	YES
250	4TR-4	PRE-RAP	-	27777	19548	30.0	.	.	1	.	.	.	YES
251	4TR-5	PRE-RAP	-	27776	19542	28.9	.	.	1	.	.	.	YES
252	4TR-6	PRE-RAP	-	27772	19538	29.5	.	.	1	.	.	.	YES
253	4TR-7	PRE-RAP	-	27765	19536	27.1	.	.	1	.	.	.	YES
254	4TR-8	PRE-RAP	-	27760	19537	30.9	.	.	1	.	.	.	YES
255	4TR-9	PRE-RAP	-	27756	19541	30.8	.	.	1	.	.	.	YES
256	0927	HYDROSTATI	7	27964.36	18014.84	.	400.0	.	1	.	.	21MAY86	YES
257	0928	HYDROSTATI	7	27966.49	17989.34	.	201.2	.	1	.	.	17MAR86	YES
258	0929	HYDROSTATI	7	27976.47	17963.94	.	101.0	.	1	.	.	20MAR86	YES
259	1004	HYDROSTATI	7	27929.18	18805.38	.	400.0	.	1	.	.	15FEB88	YES
260	1005	HYDROSTATI	7	27904.42	18809.57	.	238.0	.	1	.	.	18MAR88	YES
261	1006	HYDROSTATI	7	27875.83	18815.87	.	80.0	.	1	.	.	04APR88	YES
262	1007	HYDROSTATI	5	28666.09	17450.15	.	400.0	.	1	.	.	10FEB88	YES
263	4E-200W	HYDROFRACT	-1	28378.00	16503.0	1130.0	.	.	1	.	.	.	YES
264	4E-200R	HYDROFRACT	-1	28377.00	16483.00	650.0	.	.	1	.	.	.	YES

Table 13. (continued)

## NON-WATER-QUALITY WELLS WITHIN THE WAG 5 WINDOW

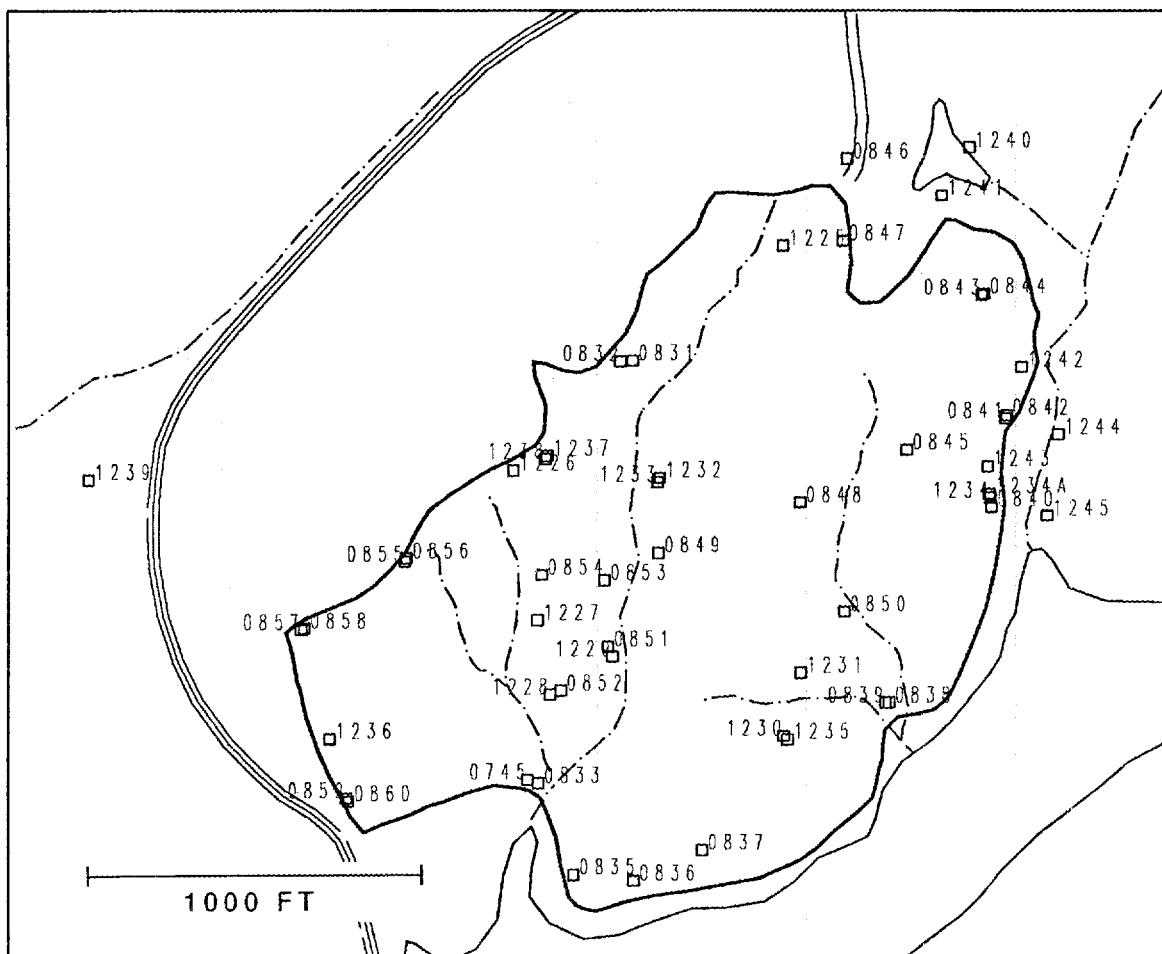
OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
265	3E-300R	HYDROFRACT	5	28893.00	17003.00	650.0	.	.	1	.	.	.	YES
266	3E-320	HYDROFRACT	5	28921.00	17013.00	840.0	.	.	1	.	.	.	YES
267	3E-320P	HYDROFRACT	5	28924.00	16999.00	500.0	.	.	1	.	.	.	YES
268	INJECT3	HYDROFRACT	5	28617.00	17155.00	1080.0	.	.	1	.	.	.	YES
269	INJECT4	HYDROFRACT	5	28178.00	16502.00	1127.0	.	.	1	.	.	.	YES
270	3N-100	HYDROFRACT	5	28617.00	17255.00	1034.0	.	.	1	.	.	.	YES
271	3N-150	HYDROFRACT	5	28611.00	17310.00	1050.0	.	.	1	.	.	.	YES
272	4N-200W	HYDROFRACT	-1	28178.00	16702.00	1072.0	.	.	1	.	.	.	YES
273	3N-200R	HYDROFRACT	5	28646.00	17360.00	650.0	.	.	1	.	.	.	YES
274	4N-200R	HYDROFRACT	-1	28158.00	16702.00	580.0	.	.	1	.	.	.	YES
275	3N-275R	HYDROFRACT	5	28616.00	17430.00	600.0	.	.	1	.	.	.	YES
276	3N-375P	HYDROFRACT	5	28608.00	17522.00	500.0	.	.	1	.	.	.	YES
277	3NE-100	HYDROFRACT	5	28690.00	17225.00	1040.0	.	.	1	.	.	.	YES
278	3NE-125	HYDROFRACT	5	28708.00	17245.00	1036.0	.	.	0	.	.	.	YES
279	3NE-125R	HYDROFRACT	5	28723.00	17227.00	600.0	.	.	1	.	.	.	YES
280	3NE-200R	HYDROFRACT	5	28762.00	17299.00	600.0	.	.	1	.	.	.	YES
281	4NE-280R	HYDROFRACT	-1	28367.00	16673.00	582.0	.	.	1	.	.	.	YES
282	3NE-300P	HYDROFRACT	5	28839.00	17378.00	500.0	.	.	1	.	.	.	YES
283	3NW-100	HYDROFRACT	5	28547.00	17224.00	1034.0	.	.	1	.	.	.	YES
284	3NW-175R	HYDROFRACT	5	28494.00	17278.00	570.0	.	.	1	.	.	.	YES
285	3NW-250R	HYDROFRACT	2	28441.00	17330.00	600.0	.	.	1	.	.	.	YES
286	3NW-290P	HYDROFRACT	2	28412.00	17358.00	500.0	.	.	1	.	.	.	YES
287	4NW-340R	HYDROFRACT	-1	27896.00	16702.00	580.0	.	.	1	.	.	.	YES
288	4NW-400W	HYDROFRACT	-1	27923.00	16702.00	986.0	.	.	1	.	.	.	YES
289	3S-100	HYDROFRACT	2	28618.00	17055.00	1032.0	.	.	0	.	.	.	YES
290	4S-200W	HYDROFRACT	-1	28179.00	16304.00	1200.0	.	.	1	.	.	.	YES
291	3S-200R	HYDROFRACT	2	28619.00	16954.00	600.0	.	.	1	.	.	.	YES
292	4S-200R	HYDROFRACT	-1	28231.00	16304.00	700.0	.	.	1	.	.	.	YES
293	3S-220	HYDROFRACT	2	28619.00	16934.00	1070.0	.	.	1	.	.	.	YES
294	3S-220W	HYDROFRACT	2	28596.00	16938.00	840.0	.	.	1	.	.	.	YES
295	4SE-125W	HYDROFRACT	5	28308.00	16445.00	1145.0	.	.	1	.	.	.	YES
296	4SE-280R	HYDROFRACT	-1	28379.00	16313.00	700.0	.	.	1	.	.	.	YES
297	4SW-280R	HYDROFRACT	-1	27929.00	16387.00	700.0	.	.	1	.	.	.	YES
298	4W-190R	HYDROFRACT	5	27991.00	16489.00	650.0	.	.	1	.	.	.	YES
299	4W-200W	HYDROFRACT	5	27978.00	16502.00	1152.0	.	.	1	.	.	.	YES
300	3W-300	HYDROFRACT	2	28317.00	17115.00	3263.0	.	.	0	1982	.	.	YES
301	3W-300R	HYDROFRACT	2	28327.00	17109.00	650.0	.	.	1	.	.	.	YES
302	2W-600	HYDROFRACT	-1	30677.00	16967.00	977.0	.	.	1	.	.	.	YES
303	UD1	USGS	.	30400.21	18985.58	.	.	29.8	1	.	.	09DEC86	NO
304	UD2	USGS	.	30343.96	18901.56	.	.	207.0	1	.	.	08DEC86	NO
305	UE1	USGS	.	30316.18	17825.05	.	.	76.7	1	.	.	16DEC86	NO
306	UE2	USGS	.	30372.43	17909.07	.	.	197.7	1	.	.	15DEC86	NO
307	UF1	USGS	.	29516.61	16778.51	.	.	23.5	1	.	.	15FEB87	NO
308	UF2	USGS	.	29448.25	16824.27	.	.	211.0	1	.	.	30JAN87	NO
309	U27	USGS	.	27980.76	17441.68	.	.	11.1	1	.	.	05NOV85	NO
310	U30	USGS	.	29668.34	19962.28	.	.	19.7	1	.	.	23OCT85	NO
311	0562	PIEZOMETER	5	29580.45	18735.26	.	.	150.0	1	.	.	04SEP86	YES
312	0665	PIEZOMETER	5	28567.19	17221.76	.	.	28.0	1	.	.	11APR86	YES
313	0666	PIEZOMETER	5	28661.31	17272.80	.	.	25.0	1	.	.	24JUL86	YES
314	0667	PIEZOMETER	5	28586.06	17375.63	.	.	37.0	1	.	.	24JUL86	YES
315	0668	PIEZOMETER	2	28436.03	17417.18	.	.	15.0	1	.	.	05JAN87	YES
316	0669	PIEZOMETER	2	28407.98	17389.37	.	.	10.0	1	.	.	05JAN87	YES
317	0681	PIEZOMETER	4	27795.65	19072.67	.	.	5.0	1	.	.	31MAR87	YES
318	0682	PIEZOMETER	4	28840.01	19469.80	.	.	40.0	1	.	.	02APR86	YES
319	0683	PIEZOMETER	4	28839.84	19459.74	.	.	75.0	1	.	.	19JUN86	YES
320	0684	PIEZOMETER	-1	28065.81	19602.19	.	.	51.0	1	.	.	09JAN87	YES
321	0685	PIEZOMETER	4	28049.72	19399.76	.	.	50.0	1	.	.	07APR86	YES
322	0686	PIEZOMETER	4	28050.41	19200.06	.	.	50.0	1	.	.	04APR86	YES
323	0687	PIEZOMETER	4	28031.11	19028.51	.	.	45.0	1	.	.	19JUN86	YES
324	0688	PIEZOMETER	4	28798.63	19121.56	.	.	30.0	1	.	.	04APR86	YES
325	0689	PIEZOMETER	4	29159.27	19339.85	.	.	40.0	1	.	.	03APR86	YES
326	0708	PIEZOMETER	-1	29264.52	18778.57	.	.	18.0	1	.	.	08DEC86	YES
327	0709	PIEZOMETER	5	30224.02	17024.42	.	.	17.5	1	.	.	22JUL86	YES
328	0710	PIEZOMETER	5	30001.07	17185.24	.	.	25.0	1	.	.	22JUL86	YES
329	0711	PIEZOMETER	5	30156.14	17382.28	.	.	27.5	1	.	.	23JUL86	YES
330	0712	PIEZOMETER	2	28964.25	18483.84	.	.	9.3	1	.	.	20MAR87	YES

Table 13. (continued)

## NON-WATER-QUALITY WELLS WITHIN THE WAG 5 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
331	0713	PIEZOMETER	-1	30429.76	18410.48	.	.	27.5	1	.	.	29AUG86	YES
332	0714	PIEZOMETER	-1	30738.22	17252.51	.	.	11.5	1	.	.	13MAR86	YES
333	0715	PIEZOMETER	5	29589.45	18752.99	.	.	41.0	1	.	.	22JUL86	YES
334	0716	PIEZOMETER	5	29205.86	18535.72	.	.	101.0	1	.	.	07JAN87	YES
335	0717	PIEZOMETER	5	28814.46	17472.78	.	.	148.0	1	.	.	22DEC86	YES
336	0720	PIEZOMETER	7	27839.79	18821.23	.	.	73.0	1	.	.	10DEC86	YES
337	0723	PIEZOMETER	2	29553.92	19832.63	.	.	20.0	1	.	.	15DEC86	YES
338	0724	PIEZOMETER	2	29493.57	19538.67	.	.	8.0	1	.	.	30APR87	YES
339	0725	PIEZOMETER	2	28757.14	18357.14	.	.	9.3	1	.	.	20MAR87	YES
340	0726	PIEZOMETER	-1	28233.32	17584.12	.	.	13.0	1	.	.	30JAN87	YES
341	0727	PIEZOMETER	2	28353.53	17455.58	.	.	7.5	1	.	.	30APR87	YES
342	0728	PIEZOMETER	2	28171.48	16967.60	.	.	11.0	1	.	.	05JAN87	YES
343	0729	PIEZOMETER	2	27885.11	16978.99	.	.	12.0	1	.	.	06JAN87	YES
344	0730	PIEZOMETER	2	27904.96	16814.57	.	.	25.0	1	.	.	04NOV86	YES
345	0750	PIEZOMETER	-1	28531.25	16553.36	.	.	16.5	1	.	.	29JAN87	YES
346	0751	PIEZOMETER	2	28464.82	16845.38	.	.	7.5	1	.	.	30APR87	YES
347	0755	PIEZOMETER	2	30124.94	16766.68	.	.	6.0	1	.	.	30APR87	YES
348	0756	PIEZOMETER	-1	30291.91	16660.58	.	.	23.0	1	.	.	05NOV86	YES
349	0766	PIEZOMETER	2	29429.25	16857.05	.	.	13.5	1	.	.	06NOV86	YES
350	0767	PIEZOMETER	2	29443.86	16858.83	.	.	38.0	1	.	.	25NOV86	YES
351	0768	PIEZOMETER	-1	29500.14	16646.25	.	.	14.8	1	.	.	04SEP86	YES
352	0770	PIEZOMETER	-1	28513.90	18128.05	.	.	15.0	1	.	.	26MAR87	YES
353	0771	PIEZOMETER	2	28516.21	18118.39	.	.	48.0	1	.	.	26MAR87	YES
354	0772	PIEZOMETER	2	28565.23	18097.66	.	.	16.0	1	.	.	26MAR87	YES
355	0773	PIEZOMETER	2	28566.15	18080.20	.	.	51.0	1	.	.	29JAN87	YES
356	0774	PIEZOMETER	2	28684.65	18045.57	.	.	12.0	1	.	.	18DEC86	YES
357	0775	PIEZOMETER	2	28681.49	18026.45	.	.	47.0	1	.	.	18DEC86	YES
358	0776	PIEZOMETER	5	28869.78	17962.70	.	.	20.0	1	.	.	04DEC86	YES
359	0777	PIEZOMETER	5	28878.71	17962.56	.	.	49.5	1	.	.	08DEC86	YES
360	0787	PIEZOMETER	4	28890.60	18954.06	.	.	9.0	1	.	.	30APR87	YES
361	1033	PIEZOMETER	8	30573.80	19135.18	.	.	18.0	1	.	.	14APR87	YES
362	1048	PIEZOMETER	5	28661.28	17365.95	.	.	125.0	1	.	.	28MAY87	YES
363	1105	CERCLA	5	28600.38	17325.24	.	.	35.0	1	.	.	15MAR85	YES
364	1106	CERCLA	5	28504.80	17236.06	.	.	24.0	1	.	.	11MAR85	YES
365	1107	CERCLA	5	28496.78	17298.86	.	.	24.0	1	.	.	15MAR85	YES
366	1108	CERCLA	5	28519.01	17339.13	.	.	24.0	1	.	.	15MAR85	YES

ORNL-DWG 90-16619



- Stream
- Wag Boundaries
- Roads
- [Box] Ponds

Status: October 1990

Completed wells: 52

Fig. 13. Water-quality wells in WAG 6.

Table 14.

## WATER QUALITY WELLS IN WAG 6

OBS	WELL	EASTING	NORTHING	DEPTH	SAMPINT	STATUS	DESTRUCT	INSTDATE	VERI_CON
1	0745	23808.30	16067.80	60	35-60	1	.	23MAR87	YES
2	0831	24133.50	17387.40	50	24-50	1	.	26FEB87	YES
3	0832	24096.70	17385.60	86	58-86	1	.	12MAR87	YES
4	0833	23842.40	16056.90	31	10-31	1	.	07MAR87	YES
5	0835	23951.80	15767.70	27	6-27	1	.	12MAR87	YES
6	0836	24138.80	15748.20	28	7-28	1	.	11MAR87	YES
7	0837	24352.60	15845.60	31	10-31	1	.	25FEB87	YES
8	0838	24934.80	16308.70	22	5-22	1	.	07MAR87	YES
9	0839	24923.60	16308.80	56	25-56	1	.	25MAR87	YES
10	0840	25251.70	16928.60	27	11-27	1	.	20MAR87	YES
11	0841	25294.80	17206.30	56	36-56	1	.	26MAR87	YES
12	0842	25298.40	17216.10	23	8-23	1	.	23MAR87	YES
13	0843	25221.40	17597.10	19	4-19	1	.	21MAR87	YES
14	0844	25228.60	17602.50	52	25-52	1	.	24MAR87	YES
15	0845	24988.30	17108.20	40	19-40	1	.	27MAR87	YES
16	0846	24803.50	18030.70	81	55-81	1	.	26FEB87	YES
17	0847	24790.50	17769.90	66	45-66	1	.	31MAR87	YES
18	0848	24656.30	16942.40	32	10-32	1	.	28MAR87	YES
19	0849	24215.20	16781.80	33	11-33	1	.	07MAR87	YES
20	0850	24793.50	16595.40	22	6-22	1	.	29MAR87	YES
21	0851	24058.20	16485.00	20	4-20	1	.	01APR87	YES
22	0852	23911.60	16346.90	22	5-22	1	.	28MAR87	YES
23	0853	24047.50	16695.10	26	5-26	1	.	04MAR87	YES
24	0854	23851.90	16711.90	27	5-27	1	.	03MAR87	YES
25	0855	23427.70	16755.30	52	30-52	1	.	17MAR87	YES
26	0856	23432.90	16764.40	81	55-81	1	.	20MAR87	YES
27	0857	23106.30	16538.00	70	50-70	1	.	09MAR87	YES
28	0858	23115.80	16542.10	106	85-106	1	.	20MAR87	YES
29	0859	23246.20	16009.40	26	5-26	1	.	24MAR87	YES
30	0860	23252.90	15999.60	62	34-62	1	.	26MAR87	YES
31	1225	24603.65	17754.77	.	.	1	.	.	YES
32	1226	23763.29	17043.45	.	.	1	.	.	YES
33	1227	23838.21	16569.39	.	.	1	.	.	YES
34	1228	23878.80	16334.67	.	.	1	.	.	YES
35	1229	24072.69	16453.32	.	.	1	.	.	YES
36	1230	24606.50	16204.70	.	.	1	.	.	YES
37	1231	24659.86	16403.79	.	.	1	.	.	YES
38	1232	24218.89	17020.14	.	.	1	.	.	YES
39	1233	24211.90	17005.25	.	.	1	.	.	YES
40	1234	25249.85	16957.89	.	.	1	.	.	YES
41	1235	24616.00	16212.00	.	.	1	.	.	YES
42	1236	23195.22	16194.50	.	.	1	.	.	YES
43	1237	23870.00	17090.00	.	.	1	.	.	YES
44	1238	23890.00	17070.00	.	.	1	.	.	YES
45	1239	22440.00	17030.00	.	.	1	.	.	YES
46	1240	25184.00	18066.43	.	.	1	.	.	YES
47	1241	25096.36	17909.49	.	.	1	.	.	YES
48	1242	25104.36	18347.99	.	.	1	.	.	YES
49	1243	25244.02	17080.20	.	.	1	.	.	YES
50	1244	25459.01	17155.69	.	.	1	.	.	YES
51	1245	25424.11	16900.21	.	.	1	.	.	YES
52	1249	25244.1	16969.6	.	.	1	.	.	YES

ORNL-DWG 90-16620



- Streams
- Wag Boundaries
- Roads
- Ponds

- WELL SYMBOLS**
- $\nabla$  Piezometer
  - +
  - \*
  - $\star$
  - $\triangle$
  - X
  - $\diamond$
- Piezometer  
 Pre-RAP  
 CERCLA  
 TARA  
 Hydrostatic head  
 Hydrofracture  
 USGS

Status: October 1990

Fig. 14. Additional wells in WAG 6.

Table 15.

## NON-QUALITY-WATER WELLS WITHIN THE WAG 6 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
1	ETF-01	PRE-RAP	6	23641.19	16755.97	28.7	.	.	1	.	.	.	YES
2	ETF-02	PRE-RAP	6	23665.16	16778.27	31.8	.	.	1	.	.	.	YES
3	ETF-03	PRE-RAP	6	23672.79	16764.91	30.8	.	.	1	.	.	.	YES
4	ETF-04	PRE-RAP	6	23673.34	16749.15	30.8	.	.	1	.	.	.	YES
5	ETF-05	PRE-RAP	6	23665.30	16732.49	30.3	.	.	1	.	.	.	YES
6	ETF-06	PRE-RAP	6	23650.96	16724.10	30.1	.	.	1	.	.	.	YES
7	ETF-07	PRE-RAP	6	23633.64	16723.19	30.4	.	.	1	.	.	.	YES
8	ETF-08	PRE-RAP	6	23618.57	16729.23	29.8	.	.	1	.	.	.	YES
9	ETF-09	PRE-RAP	6	23610.28	16745.32	30.9	.	.	1	.	.	.	YES
10	ETF-10	PRE-RAP	6	23609.83	16763.48	31.1	.	.	1	.	.	.	YES
11	ETF-11	PRE-RAP	6	23702.57	16773.04	49.6	.	.	1	.	.	.	YES
12	ETF-12	PRE-RAP	6	23584.36	16737.94	50.1	.	.	1	.	.	.	YES
13	ETF-13	PRE-RAP	6	23596.33	16871.96	250.7	.	.	1	.	.	.	YES
14	ETF-14	PRE-RAP	6	23618.51	16849.23	94.6	.	.	1	.	.	.	YES
15	ETF-15	PRE-RAP	6	23603.47	16841.45	46.7	.	.	1	.	.	.	YES
16	ETF-16	PRE-RAP	6	23614.14	16841.45	244.5	.	.	1	.	.	.	YES
17	ETF-17	PRE-RAP	6	23606.38	16782.86	18.7	.	.	1	.	.	.	YES
18	ETF-18	PRE-RAP	6	23624.78	16791.16	19.5	.	.	1	.	.	.	YES
19	ETF-19	PRE-RAP	6	23643.83	16799.41	20.1	.	.	1	.	.	.	YES
20	ETF-20	PRE-RAP	6	23606.72	16769.52	21.8	.	.	1	.	.	.	YES
21	ETF-21	PRE-RAP	6	23621.54	16776.48	20.4	.	.	1	.	.	.	YES
22	ETF-22	PRE-RAP	6	23641.20	16788.03	22.5	.	.	1	.	.	.	YES
23	ETF-23	PRE-RAP	6	23659.16	16797.92	20.3	.	.	1	.	.	.	YES
24	ETF-24	PRE-RAP	6	23620.24	16762.61	21.6	.	.	1	.	.	.	YES
25	ETF-25	PRE-RAP	6	23637.95	16773.88	21.6	.	.	1	.	.	.	YES
26	ETF-26	PRE-RAP	6	23655.52	16784.95	21.2	.	.	1	.	.	.	YES
27	ETF-27	PRE-RAP	6	23616.44	16745.55	20.4	.	.	1	.	.	.	YES
28	ETF-28	PRE-RAP	6	23632.12	16756.48	20.3	.	.	1	.	.	.	YES
29	ETF-29	PRE-RAP	6	23651.35	16769.40	20.7	.	.	1	.	.	.	YES
30	ETF-31	PRE-RAP	6	23628.76	16743.16	17.3	.	.	1	.	.	.	YES
31	ETF-32	PRE-RAP	6	23646.40	16753.22	19.8	.	.	1	.	.	.	YES
32	ETF-33	PRE-RAP	6	23662.09	16764.51	20.0	.	.	1	.	.	.	YES
33	ETF-34	PRE-RAP	6	23623.74	16732.38	21.9	.	.	1	.	.	.	YES
34	ETF-35	PRE-RAP	6	23641.55	16740.99	20.6	.	.	1	.	.	.	YES
35	ETF-36	PRE-RAP	6	23658.60	16749.06	21.2	.	.	1	.	.	.	YES
36	ETF-37	PRE-RAP	6	23674.92	16757.00	21.4	.	.	1	.	.	.	YES
37	ETF-38	PRE-RAP	6	23637.84	16727.75	22.0	.	.	1	.	.	.	YES
38	ETF-39	PRE-RAP	6	23654.86	16735.81	22.2	.	.	1	.	.	.	YES
39	ETF-40	PRE-RAP	6	23671.35	16743.62	20.7	.	.	1	.	.	.	YES
40	TR-01	PRE-RAP	6	24375.00	16002.00	46.8	.	.	1	.	.	.	YES
41	TR-02	PRE-RAP	6	24541.00	15872.00	21.7	.	.	1	.	.	.	YES
42	TR-03	PRE-RAP	6	24331.00	15762.00	23.3	.	.	1	.	.	.	YES
43	TR-04	PRE-RAP	6	24409.00	15882.00	32.2	.	.	1	.	.	.	YES
44	TR-05	PRE-RAP	6	24405.00	15867.00	30.5	.	.	1	.	.	.	YES
45	TR-06	PRE-RAP	6	24393.00	15855.00	31.0	.	.	1	.	.	.	YES
46	TR-07	PRE-RAP	6	24378.00	15851.00	30.7	.	.	1	.	.	.	YES
47	TR-08	PRE-RAP	6	24363.00	15856.00	31.5	.	.	1	.	.	.	YES
48	TR-09	PRE-RAP	6	24352.00	15867.00	32.6	.	.	1	.	.	.	YES
49	TR-10	PRE-RAP	6	24348.00	15881.00	35.2	.	.	1	.	.	.	YES
50	TR-11	PRE-RAP	6	24379.00	15882.00	29.1	.	.	1	.	.	.	YES
51	TR-12	PRE-RAP	6	24377.00	15946.00	34.1	.	.	1	.	.	.	YES
52	T401	PRE-RAP	2	25586.0	17454.0	.	.	.	1	.	.	.	YES
53	T411	PRE-RAP	7	25798.0	17299.0	.	.	.	1	.	.	.	YES
54	T412	PRE-RAP	7	25687.0	17309.0	.	.	.	1	.	.	.	YES
55	0051	PRE-RAP	6	23972.3	15987.2	161.0	.	0	.	.	.	.	YES
56	0059	PRE-RAP	6	23998.0	16720.0	.	.	.	0	1975	.	.	YES
57	0060	PRE-RAP	6	23914.0	16686.0	.	.	.	0	1975	.	.	YES
58	0061	PRE-RAP	6	23903.0	16715.0	.	.	.	0	1975	.	.	YES
59	0088	PRE-RAP	2	25746.0	16695.0	.	.	.	1	.	.	.	YES
60	0089	PRE-RAP	2	25556.0	16675.0	.	.	.	1	.	.	.	YES
61	0090	PRE-RAP	2	25473.0	16782.0	.	.	.	1	.	.	.	YES
62	0091	PRE-RAP	2	25480.0	16860.0	.	.	.	1	.	.	.	YES
63	0092	PRE-RAP	2	25488.0	17046.0	.	.	.	1	.	.	.	YES
64	0095	PRE-RAP	2	25542.0	17209.0	.	.	.	1	.	.	.	YES
65	0100	PRE-RAP	7	25631.0	17408.0	.	.	.	1	.	.	.	YES
66	0101	PRE-RAP	7	25732.0	17495.0	.	.	.	1	.	.	.	YES

Table 15. (continued)

## NON-QUALITY-WATER WELLS WITHIN THE WAG 6 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
67	0103	PRE-RAP	7	25760.0	17074.0	.	.	.	1	.	.	.	YES
68	0104	PRE-RAP	7	25660.0	16957.0	.	.	.	1	.	.	.	YES
69	0105	PRE-RAP	7	25756.0	17324.0	.	.	.	1	.	.	.	YES
70	0106	PRE-RAP	2	25550.0	17532.0	.	.	.	1	.	.	.	YES
71	0107	PRE-RAP	6	24402.0	17041.0	122.3	.	.	1	.	.	.	YES
72	0108	PRE-RAP	6	24584.0	17279.0	126.3	.	.	1	.	.	.	YES
73	0109	PRE-RAP	6	24499.0	17330.0	126.1	.	.	1	.	.	.	YES
74	0110	PRE-RAP	6	24684.0	17204.0	125.0	.	.	1	.	.	.	YES
75	0111	PRE-RAP	6	24778.0	17502.0	.	.	.	0	1975	.	.	YES
76	0118	PRE-RAP	7	25648.0	17587.0	.	.	.	1	.	.	.	YES
77	0119	PRE-RAP	7	25680.0	17139.0	.	.	.	1	.	.	.	YES
78	0123	PRE-RAP	6	24644.0	17234.0	.	.	.	0	1975	.	.	YES
79	0126	PRE-RAP	2	25698.0	17779.0	.	.	.	1	.	.	.	YES
80	0266	PRE-RAP	6	23327.0	15968.0	16.6	.	.	1	.	.	.	YES
81	0267	PRE-RAP	6	23221.0	16118.0	17.2	.	.	1	.	.	.	YES
82	0268	PRE-RAP	6	23307.0	16365.0	20.1	.	.	1	.	.	.	YES
83	0269	PRE-RAP	6	23104.0	16511.0	20.0	.	.	1	.	.	.	YES
84	0270	PRE-RAP	6	23303.0	16602.0	20.7	.	.	1	.	.	.	YES
85	0271	PRE-RAP	6	23472.0	16581.0	20.6	.	.	1	.	.	.	YES
86	0272	PRE-RAP	6	23520.0	16221.0	8.4	.	.	1	.	.	.	YES
87	0273	PRE-RAP	6	23633.0	16126.0	10.8	.	.	1	.	.	.	YES
88	0274	PRE-RAP	6	23347.0	16210.0	18.7	.	.	1	.	.	.	YES
89	0275	PRE-RAP	6	23737.0	16206.0	8.5	.	.	1	.	.	.	YES
90	0276	PRE-RAP	6	23895.0	16211.0	5.6	.	.	1	.	.	.	YES
91	0277	PRE-RAP	6	24182.0	16207.0	20.8	.	.	1	.	.	.	YES
92	0278	PRE-RAP	6	24223.0	16552.0	10.6	.	.	1	.	.	.	YES
93	0279	PRE-RAP	6	24205.0	16696.0	10.4	.	.	1	.	.	.	YES
94	0280	PRE-RAP	6	23997.0	16640.0	18.4	.	.	1	.	.	.	YES
95	0281	PRE-RAP	6	23998.0	16720.0	46.7	.	.	1	.	.	.	YES
96	0282	PRE-RAP	6	24008.0	16725.0	18.6	.	.	1	.	.	.	YES
97	0283	PRE-RAP	6	23989.0	16729.0	18.4	.	.	1	.	.	.	YES
98	0284	PRE-RAP	6	23983.0	16750.0	16.8	.	.	1	.	.	.	YES
99	0285	PRE-RAP	6	23962.0	16761.0	13.9	.	.	1	.	.	.	YES
100	0286	PRE-RAP	6	23945.0	16767.0	13.2	.	.	1	.	.	.	YES
101	0287	PRE-RAP	6	23927.0	16765.0	14.6	.	.	1	.	.	.	YES
102	0288	PRE-RAP	6	23914.0	16752.0	14.2	.	.	1	.	.	.	YES
103	0289	PRE-RAP	6	23896	16765	15.7	.	.	1	.	.	.	YES
104	0290	PRE-RAP	6	23907	16735	16.7	.	.	1	.	.	.	YES
105	0291	PRE-RAP	6	23878	16738	14.9	.	.	1	.	.	.	YES
106	0292	PRE-RAP	6	23821	16773	13.4	.	.	1	.	.	.	YES
107	0293	PRE-RAP	6	23910	16718	17.9	.	.	1	.	.	.	YES
108	0294	PRE-RAP	6	23921	16722	17.9	.	.	1	.	.	.	YES
109	0295	PRE-RAP	6	23992	16703	15.3	.	.	1	.	.	.	YES
110	0296	PRE-RAP	6	23958	16967	18.7	.	.	1	.	.	.	YES
111	0297	PRE-RAP	6	23847	16685	.	.	.	0	1975	.	.	YES
112	0298	PRE-RAP	6	23899	16716	16.7	.	.	1	.	.	.	YES
113	0299	PRE-RAP	6	23883	16705	18.0	.	.	1	.	.	.	YES
114	0300	PRE-RAP	6	23868	16702	15.5	.	.	1	.	.	.	YES
115	0301A	PRE-RAP	6	23847	16687	9.7	.	.	1	.	.	.	YES
116	0302A	PRE-RAP	6	23734	16679	7.4	.	.	1	.	.	.	YES
117	0303A	PRE-RAP	6	23782	16689	2.6	.	.	1	.	.	.	YES
118	0304	PRE-RAP	6	23937	16667	15.6	.	.	1	.	.	.	YES
119	0305	PRE-RAP	6	23914	16660	13.6	.	.	1	.	.	.	YES
120	0306	PRE-RAP	6	23905	16679	17.4	.	.	1	.	.	.	YES
121	0307	PRE-RAP	6	23897	16694	16.2	.	.	1	.	.	.	YES
122	0308	PRE-RAP	6	23873	16691	12.9	.	.	1	.	.	.	YES
123	0309	PRE-RAP	6	23903	16716	26.1	.	.	0	.	.	.	YES
124	0310	PRE-RAP	6	23939	16697	12.2	.	.	1	.	.	.	YES
125	0311	PRE-RAP	6	23900	16936	18.8	.	.	1	.	.	.	YES
126	0312	PRE-RAP	6	23529	16922	19.2	.	.	1	.	.	.	YES
127	0313	PRE-RAP	6	23605	16798	20.5	.	.	1	.	.	.	YES
128	0314	PRE-RAP	6	23977	15983	.	.	.	0	1975	.	.	YES
129	0315	PRE-RAP	6	24188	15977	26.6	.	.	1	.	.	.	YES
130	0316	PRE-RAP	6	24362	16626	.	.	.	0	1975	.	.	YES
131	0317	PRE-RAP	6	24328	16766	13.9	.	.	1	.	.	.	YES
132	0318	PRE-RAP	6	24323	17225	14.9	.	.	1	.	.	.	YES

Table 15. (continued)

## NON-QUALITY-WATER WELLS WITHIN THE WAG 6 WINDOW

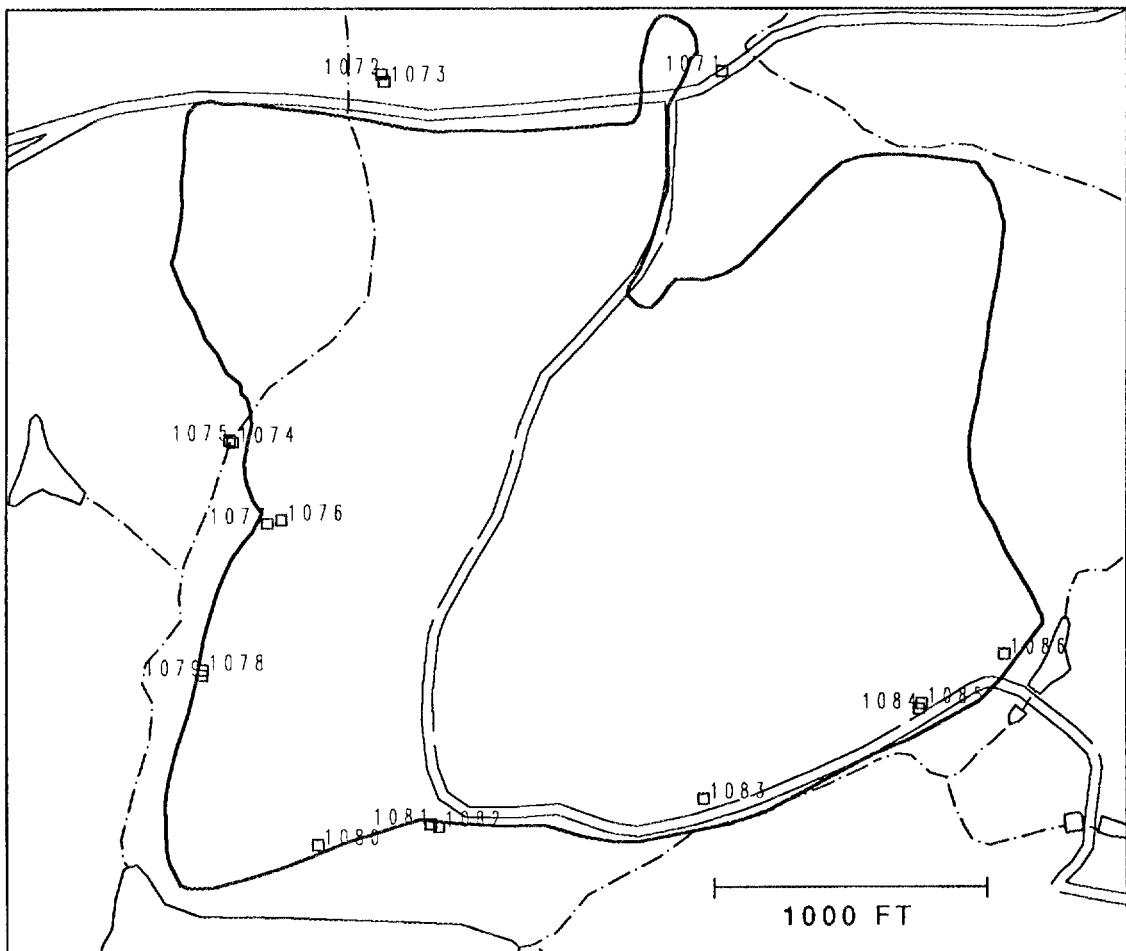
OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
133	0319	PRE-RAP	6	24529	17625	.	.	.	0	1975	.	.	YES
134	0332	PRE-RAP	6	24634	17781	.	.	.	0	1975	.	.	YES
135	0333	PRE-RAP	6	24625	17886	.	.	.	0	1975	.	.	YES
136	0334	PRE-RAP	6	24737	17715	.	.	.	0	1975	.	.	YES
137	0335	PRE-RAP	6	24965	17589	.	.	.	0	1975	.	.	YES
138	0336	PRE-RAP	6	25092	17595	.	.	.	0	1975	.	.	YES
139	0337	PRE-RAP	6	25096	17717	10.4	.	.	1	.	.	.	YES
140	0338	PRE-RAP	6	25158	17305	17.1	.	.	1	.	.	.	YES
141	0339	PRE-RAP	6	25316	17481	.	.	.	0	1975	.	.	YES
142	0340	PRE-RAP	6	25160	17130	.	.	.	0	1975	.	.	YES
143	0341	PRE-RAP	6	25165	16837	19.7	.	.	1	.	.	.	YES
144	0342	PRE-RAP	6	25154	16562	15.2	.	.	1	.	.	.	YES
145	0343	PRE-RAP	6	25010	16763	23.9	.	.	1	.	.	.	YES
146	0344	PRE-RAP	6	24810	16495	9.1	.	.	1	.	.	.	YES
147	0345	PRE-RAP	6	24881	16361	10.9	.	.	1	.	.	.	YES
148	0346	PRE-RAP	6	24631	16435	16.8	.	.	1	.	.	.	YES
149	0347	PRE-RAP	6	24604	16531	16.4	.	.	1	.	.	.	YES
150	0350	PRE-RAP	6	24649	16152	17.4	.	.	1	.	.	.	YES
151	0351	PRE-RAP	6	24661	16028	24.4	.	.	1	.	.	.	YES
152	0352	PRE-RAP	6	24305	15887	21.0	.	.	1	.	.	.	YES
153	0353	PRE-RAP	6	24014	15695	.	.	.	0	1975	.	.	YES
154	0354	PRE-RAP	6	24644.00	17234.00	.	.	.	0	1975	.	.	YES
155	0355	PRE-RAP	6	24991.00	16909.00	19.3	.	.	1	.	.	.	YES
156	0356	PRE-RAP	6	24451.00	16481.00	9.0	.	.	1	.	.	.	YES
157	0357	PRE-RAP	6	24599.00	16747.00	13.0	.	.	1	.	.	.	YES
158	0358	PRE-RAP	6	24448.00	16090.00	18.4	.	.	1	.	.	.	YES
159	0359	PRE-RAP	6	24867.00	16904.00	18.7	.	.	1	.	.	.	YES
160	0360	PRE-RAP	6	24968.00	17148.00	17.6	.	.	1	.	.	.	YES
161	0361	PRE-RAP	6	24166.00	16446.00	8.0	.	.	1	.	.	.	YES
162	0362	PRE-RAP	6	23718.00	16588.00	7.8	.	.	1	.	.	.	YES
163	0363	PRE-RAP	6	23748.00	16420.00	3.6	.	.	1	.	.	.	YES
164	0364	PRE-RAP	6	23838.00	16407.00	7.7	.	.	1	.	.	.	YES
165	0365	PRE-RAP	6	23681.00	16454.00	5.6	.	.	1	.	.	.	YES
166	0366	PRE-RAP	6	24926.00	17467.00	23.0	.	.	1	.	.	.	YES
167	0367	PRE-RAP	6	25091.00	17723.00	68.8	.	.	1	.	.	.	YES
168	0368	PRE-RAP	6	25155.00	17348.00	39.4	.	.	1	.	.	.	YES
169	0369	PRE-RAP	6	24805.00	17476.00	48.1	.	.	1	.	.	.	YES
170	0370	PRE-RAP	6	24981.00	17145.00	34.1	.	.	1	.	.	.	YES
171	0371	PRE-RAP	6	25090.00	16393.00	29.8	.	.	1	.	.	.	YES
172	0372	PRE-RAP	6	25042.00	16570.00	33.1	.	.	1	.	.	.	YES
173	0373	PRE-RAP	6	25208.00	16945.00	33.9	.	.	1	.	.	.	YES
174	0374	PRE-RAP	6	25346.00	17462.00	30.9	.	.	1	.	.	.	YES
175	0375	PRE-RAP	6	23531.00	16935.00	26.3	.	.	1	.	.	.	YES
176	0376	PRE-RAP	6	23479.00	16584.00	34.7	.	.	1	.	.	.	YES
177	0377	PRE-RAP	6	23297.00	16610.00	55.8	.	.	1	.	.	.	YES
178	0378	PRE-RAP	6	23092.00	16474.00	60.2	.	.	1	.	.	.	YES
179	0379	PRE-RAP	6	23206.00	16156.00	36.6	.	.	1	.	.	.	YES
180	0380	PRE-RAP	6	23320.00	15977.00	31.3	.	.	1	.	.	.	YES
181	0381	PRE-RAP	6	24266.00	16248.00	35.3	.	.	1	.	.	.	YES
182	0382	PRE-RAP	6	24025.00	15814.00	21.0	.	.	1	.	.	.	YES
183	0383	PRE-RAP	6	24895.00	16165.00	33.2	.	.	1	.	.	.	YES
184	0384	PRE-RAP	6	24377.00	16131.00	46.2	.	.	1	.	.	.	YES
185	0385	PRE-RAP	6	24669.00	17903.00	44.8	.	.	1	.	.	.	YES
186	0386	PRE-RAP	6	24828.00	16892.00	12.0	.	.	1	.	.	.	YES
187	0387	PRE-RAP	6	24886.00	16986.00	10.6	.	.	1	.	.	.	YES
188	0388	PRE-RAP	6	24886.00	17111.00	11.5	.	.	1	.	.	.	YES
189	0936	HYDROSTATI	6	24609.77	16144.55	.	400.4	.	1	.	.	04SEP86	YES
190	0937	HYDROSTATI	6	24688.37	16148.20	.	215.3	.	1	.	.	16SEP86	YES
191	0938	HYDROSTATI	6	24676.08	16170.59	.	61.5	.	1	.	.	17SEP86	YES
192	0939	HYDROSTATI	6	24525.34	15814.83	.	400.4	.	1	.	.	08SEP86	YES
193	0940	HYDROSTATI	6	24595.29	15827.63	.	215.0	.	1	.	.	12SEP86	YES
194	0941	HYDROSTATI	6	24561.12	15833.46	.	63.0	.	1	.	.	16SEP86	YES
195	0945	HYDROSTATI	6	24512.09	17540.65	.	402.5	.	1	.	.	02SEP86	YES
196	0999	HYDROSTATI	6	24509.40	17518.90	.	295.0	.	1	.	.	30DEC87	YES
197	1000	HYDROSTATI	6	24506.56	17498.37	.	178.0	.	1	.	.	25JAN88	YES
198	1001	HYDROSTATI	6	24694.84	16862.02	.	400.0	.	1	.	.	01FEB88	YES

Table 15. (continued)

## NON-QUALITY-WATER WELLS WITHIN THE WAG 6 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
199	1002	HYDROSTATI	6	24697.05	16810.70	.	197.0	.	1	.	.	17FEB88	YES
200	1003	HYDROSTATI	6	24668.21	16782.51	.	79.0	.	1	.	.	17FEB88	YES
201	U16	USGS	.	22706.48	16957.74	.	.	41.7	1	.	.	08NOV85	NO
202	1157	TARA	6	25192.38	17806.99	.	.	61.0	1	.	.	19MAR87	NO
203	1158	TARA	6	25102.46	17816.12	.	.	62.1	1	.	.	01APR87	NO
204	1159	TARA	6	25062.08	17752.28	.	.	63.1	1	.	.	27MAR87	NO
205	1160	TARA	6	25002.46	17654.24	.	.	57.6	1	.	.	25MAR87	NO
206	1161	TARA	6	24928.23	17549.76	.	.	62.2	1	.	.	13MAR87	NO
207	1162	TARA	6	25086.38	17608.96	.	.	61.8	1	.	.	23MAR87	NO
208	1163	TARA	6	25141.24	17689.47	.	.	64.1	1	.	.	20MAR87	NO
209	1164	TARA	6	24993.14	17814.50	.	.	38.3	1	.	.	13APR87	NO
210	1165	TARA	6	25041.75	17879.49	.	.	39.1	1	.	.	09APR87	NO
211	1166	TARA	6	24945.94	17697.15	.	.	36.8	1	.	.	15APR87	NO
212	1167	TARA	6	25256.02	17709.84	.	.	47.9	1	.	.	07APR87	NO
213	1168	TARA	6	25295.15	17645.69	.	.	28.9	1	.	.	08APR87	NO
214	1169	TARA	6	25151.41	17895.08	.	.	37.9	1	.	.	09APR87	NO
215	0636	PIEZOMETER	6	24326.17	17668.04	.	.	54.0	1	.	.	14FEB86	YES
216	0637	PIEZOMETER	-1	24135.97	17715.14	.	.	66.0	1	.	.	14FEB86	YES
217	0638	PIEZOMETER	-1	24119.35	17495.05	.	.	70.0	1	.	.	14FEB86	YES
218	0639	PIEZOMETER	6	24138.11	17395.38	.	.	63.5	1	.	.	07SEP86	YES
219	0640	PIEZOMETER	6	24719.55	17614.70	.	.	60.0	1	.	.	25JUL86	YES
220	0641	PIEZOMETER	-1	23985.24	17383.49	.	.	60.0	1	.	.	14FEB86	YES
221	0642	PIEZOMETER	6	24035.55	16580.96	.	.	30.0	1	.	.	18FEB86	YES
222	0643	PIEZOMETER	6	24204.78	16344.38	.	.	21.5	1	.	.	19FEB86	YES
223	0644	PIEZOMETER	6	24848.36	16748.86	.	.	17.0	1	.	.	19FEB86	YES
224	0645	PIEZOMETER	6	25274.60	17173.65	.	.	25.0	1	.	.	22MAY86	YES
225	0646	PIEZOMETER	6	25167.05	17550.78	.	.	39.0	1	.	.	03JUL86	YES
226	0647	PIEZOMETER	6	24749.00	17145.66	.	.	36.0	1	.	.	22MAY86	YES
227	0648	PIEZOMETER	6	24524.24	17374.55	.	.	45.0	1	.	.	14JUL86	YES
228	0649	PIEZOMETER	6	25075.50	17375.49	.	.	37.0	1	.	.	21FEB86	YES
229	0650A	PIEZOMETER	6	25150.16	17273.53	.	.	60.0	1	.	.	21AUG86	YES
230	0650B	PIEZOMETER	6	25150.16	17273.53	.	.	60.0	1	.	.	21AUG86	YES
231	0651	PIEZOMETER	6	25190.67	16870.85	.	.	110.0	1	.	.	22AUG86	YES
232	0652	PIEZOMETER	6	24900.00	16159.68	.	.	90.0	1	.	.	13AUG86	YES
233	0653	PIEZOMETER	6	24070.40	15792.51	.	.	63.0	1	.	.	03SEP86	YES
234	0654	PIEZOMETER	6	24054.76	16618.16	.	.	90.0	1	.	.	31JUL86	YES
235	0655	PIEZOMETER	6	24815.30	17469.72	.	.	125.0	1	.	.	29JUL86	YES
236	0656	PIEZOMETER	6	24692.96	17923.92	.	.	120.0	1	.	.	25JUL86	YES
237	0738	PIEZOMETER	2	25498.81	16134.20	.	.	8.5	1	.	.	31MAR87	YES
238	0739	PIEZOMETER	2	23604.03	15628.89	.	.	33.0	1	.	.	21MAY86	YES
239	0740	PIEZOMETER	2	23372.39	15778.95	.	.	24.0	1	.	.	21MAY86	YES
240	0741	PIEZOMETER	2	23352.05	15596.74	.	.	22.0	1	.	.	18JUN86	YES
241	0748	PIEZOMETER	-1	25534.62	15891.13	.	.	22.5	1	.	.	12NOV86	YES
242	1061	PIEZOMETER	-1	22361.33	15533.70	.	.	61.0	1	.	.	15JUL87	YES
243	1062	PIEZOMETER	-1	22371.52	15552.08	.	.	31.0	1	.	.	14JUL87	YES

ORNL-DWG 90-16621



- · — Streams
- Wag Boundaries
- Roads
- [ ] Ponds

Status: October 1990

Completed wells: 16

Fig. 15. Water-quality wells in WAG 7.

Table 16.

## WATER QUALITY WELLS IN WAG 7

OBS	WELL	EASTING	NORTHING	DEPTH	SAMPINT	STATUS	DESTRUCT	INSTDATE	VERI_CON
1	1071	27233.93	19302.85	24	9-24	1	.	17JUL89	YES
2	1072	26168.99	19294.30	70	55-70	1	.	30JUN89	YES
3	1073	26177.24	19270.61	26	16-26	1	.	06JUL89	YES
4	1074	25707.53	18128.06	30	15-30	1	.	10AUG89	YES
5	1075	25697.46	18135.02	73	58-73	1	.	08AUG89	YES
6	1076	25858.89	17882.74	19	9-19	1	.	14AUG89	YES
7	1077	25815.09	17872.01	83	68-83	1	.	09AUG89	YES
8	1078	25613.69	17406.94	19	9-19	1	.	16AUG89	YES
9	1079	25612.66	17389.59	70	55-70	1	.	22JUN89	YES
10	1080	25971.36	16854.85	20	10-20	1	.	28JUL89	YES
11	1081	26322.67	16919.81	73	58-73	1	.	21AUG89	YES
12	1082	26347.58	16911.04	15	5-15	1	.	25AUG89	YES
13	1083	27175.92	16997.52	13	2-13	1	.	11AUG89	YES
14	1084	27852.14	17282.35	15	10-15	1	.	09AUG89	YES
15	1085	27858.72	17299.12	73	58-73	1	.	08AUG89	YES
16	1086	28117.01	17454.77	15	4-15	1	.	27JUL89	YES

ORNL-DWG 90-16622

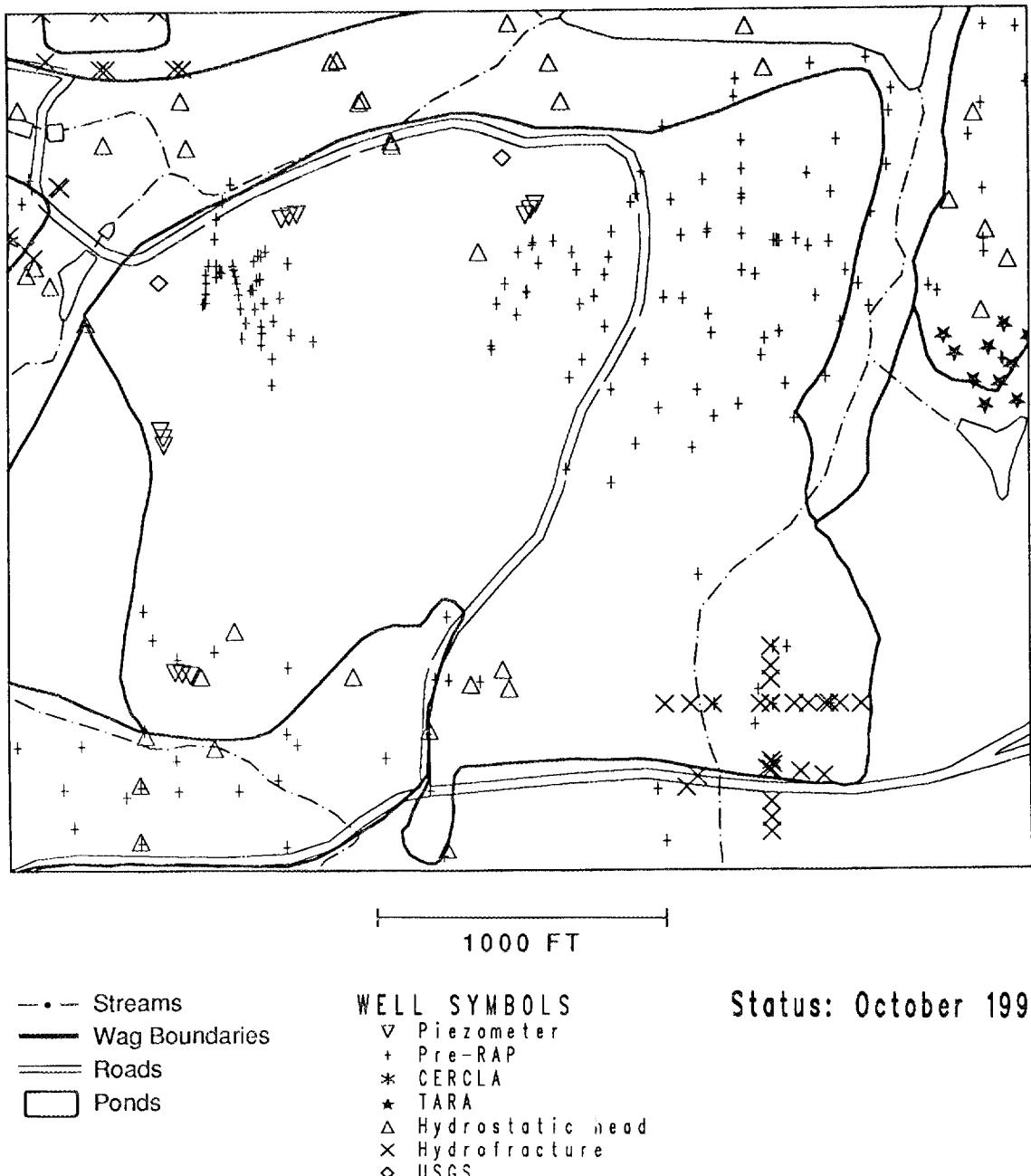


Fig. 16. Additional wells in WAG 7.

Table 17.

## NON-WATER-QUALITY WELLS WITHIN THE WAG 7 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
1	BH-1	PRE-RAP	7	27455.10	17648.90	.	.	.	1	.	.	.	YES
2	SB-1	PRE-RAP	7	27631.70	17594.20	.	.	.	1	.	.	.	YES
3	SB-2	PRE-RAP	7	27630.20	17619.50	.	.	.	1	.	.	.	YES
4	SB-20	PRE-RAP	7	27636.10	17430.30	.	.	.	1	.	.	.	YES
5	SB-4	PRE-RAP	7	27685.50	17583.30	.	.	.	1	.	.	.	YES
6	SB-6	PRE-RAP	7	27531.70	17625.70	.	.	.	1	.	.	.	YES
7	T-77	PRE-RAP	7	27594.40	17709.40	.	.	.	1	.	.	.	YES
8	TF-2	PRE-RAP	7	27632.30	17659.70	.	.	.	1	.	.	.	YES
9	T401	PRE-RAP	2	25586.00	17454.00	.	.	.	1	.	.	.	YES
10	T403	PRE-RAP	7	25917.00	17703.00	.	.	.	1	.	.	.	YES
11	T404	PRE-RAP	7	25857.00	17619.00	.	.	.	1	.	.	.	YES
12	T405	PRE-RAP	7	26098.00	17556.00	.	.	.	1	.	.	.	YES
13	T408	PRE-RAP	7	26185.00	17502.00	.	.	.	1	.	.	.	YES
14	T411	PRE-RAP	7	25798.00	17299.00	.	.	.	1	.	.	.	YES
15	T412	PRE-RAP	7	25687.00	17309.00	.	.	.	1	.	.	.	YES
16	T416	PRE-RAP	7	26100.00	17264.00	.	.	.	1	.	.	.	YES
17	T418	PRE-RAP	7	26548.00	17400.00	.	.	.	1	.	.	.	YES
18	T419	PRE-RAP	7	26564.00	17342.00	.	.	.	1	.	.	.	YES
19	T5-1	PRE-RAP	7	26842.00	17665.00	.	.	.	0	.	.	.	YES
20	T5-2	PRE-RAP	7	26822.00	17518.00	.	.	.	0	.	.	.	YES
21	T5-3	PRE-RAP	7	26794.00	17449.00	.	.	.	0	.	.	.	YES
22	T5-4	PRE-RAP	7	26749.00	17340.00	.	.	.	0	.	.	.	YES
23	T5-5	PRE-RAP	7	26701.00	17315.00	.	.	.	0	.	.	.	YES
24	T5-6	PRE-RAP	7	26629.00	17302.00	.	.	.	0	.	.	.	YES
25	T5-7	PRE-RAP	7	26678.00	17378.00	.	.	.	0	.	.	.	YES
26	T5-8	PRE-RAP	7	26720.00	17479.00	.	.	.	0	.	.	.	YES
27	T5-9	PRE-RAP	7	26754.00	17555.00	.	.	.	0	.	.	.	YES
28	T6-1	PRE-RAP	7	27795.00	18731.00	.	.	.	0	.	.	.	YES
29	T6-2	PRE-RAP	7	27921.00	18758.00	.	.	.	0	.	.	.	YES
30	T6-3	PRE-RAP	7	28005.00	18691.00	.	.	.	0	.	.	.	YES
31	T6-4	PRE-RAP	7	28035.00	18592.00	.	.	.	0	.	.	.	YES
32	T7-1	PRE-RAP	7	27652.00	17535.00	.	.	.	0	.	.	.	YES
33	T7-10	PRE-RAP	7	27729.00	17385.80	.	.	.	1	.	.	.	YES
34	T7-15	PRE-RAP	7	27831.00	17516.50	.	.	.	1	.	.	.	YES
35	T7-16	PRE-RAP	7	27621.90	17514.70	.	.	.	1	.	.	.	YES
36	T7-2	PRE-RAP	7	27596.00	17801.00	.	.	.	1	.	.	.	YES
37	T7-20	PRE-RAP	7	27646.50	17435.40	.	.	.	1	.	.	.	YES
38	T7-21	PRE-RAP	7	27729.10	17383.30	.	.	.	1	.	.	.	YES
39	T7-22	PRE-RAP	7	27725.40	17395.30	.	.	.	1	.	.	.	YES
40	T7-23	PRE-RAP	7	27720.00	17419.20	.	.	.	1	.	.	.	YES
41	T7-24	PRE-RAP	7	27714.60	17443.30	.	.	.	1	.	.	.	YES
42	T7-25	PRE-RAP	7	27709.40	17483.10	.	.	.	1	.	.	.	YES
43	T7-27	PRE-RAP	7	27702.60	17532.60	.	.	.	1	.	.	.	YES
44	T7-29	PRE-RAP	7	27698.20	17638.40	.	.	.	1	.	.	.	YES
45	T7-3	PRE-RAP	7	27659.70	17468.00	.	.	.	1	.	.	.	YES
46	T7-3A	PRE-RAP	7	27667.70	17470.80	.	.	.	1	.	.	.	YES
47	T7-4	PRE-RAP	7	27632.50	17351.50	.	.	.	1	.	.	.	YES
48	T7-4A	PRE-RAP	7	27642.30	17350.50	.	.	.	1	.	.	.	YES
49	T7-5	PRE-RAP	7	27540.90	17376.90	.	.	.	1	.	.	.	YES
50	T7-6	PRE-RAP	7	27567.80	17495.30	.	.	.	1	.	.	.	YES
51	T7-7	PRE-RAP	7	27590.40	17575.60	.	.	.	1	.	.	.	YES
52	T7-9	PRE-RAP	7	27656.60	17369.90	.	.	.	1	.	.	.	YES
53	WT5-1	PRE-RAP	7	26361.00	17169.00	.	.	.	0	.	.	.	YES
54	WT5-2	PRE-RAP	7	26428.00	17272.00	.	.	.	0	.	.	.	YES
55	WT5-3	PRE-RAP	7	26439.00	17358.00	.	.	.	0	.	.	.	YES
56	WT5-4	PRE-RAP	7	26452.00	17418.00	.	.	.	0	.	.	.	YES
57	WT5-5	PRE-RAP	7	26489.00	17492.00	.	.	.	0	.	.	.	YES
58	WT5-6	PRE-RAP	7	26538.00	17521.00	.	.	.	0	.	.	.	YES
59	WT5-7	PRE-RAP	7	26345.00	17140.00	.	.	.	0	.	.	.	YES
60	WT5-8	PRE-RAP	7	26328.00	17065.00	.	.	.	0	.	.	.	YES
61	WT7-1	PRE-RAP	2	27735.00	17102.00	.	.	.	0	.	.	.	YES
62	WT7-11	PRE-RAP	7	27785.00	17385.00	.	.	.	0	.	.	.	YES
63	WT7-12	PRE-RAP	7	27772.00	17402.00	.	.	.	0	.	.	.	YES
64	WT7-13	PRE-RAP	7	27765.00	17408.00	.	.	.	0	.	.	.	YES
65	WT7-14	PRE-RAP	7	27783.00	17422.00	.	.	.	0	.	.	.	YES
66	WT7-2	PRE-RAP	7	27762.00	17160.00	.	.	.	0	.	.	.	YES

Table 17. (continued)

## NON-WATER-QUALITY WELLS WITHIN THE WAG 7 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
67	WT7-3	PRE-RAP	7	27785.00	17223.00	.	.	.	0	.	.	.	YES
68	WT7-4	PRE-RAP	7	27791.00	17291.00	.	.	.	0	.	.	.	YES
69	WT7-5	PRE-RAP	7	27811.00	17384.00	.	.	.	1	.	.	.	YES
70	WT7-5A	PRE-RAP	7	27820.00	17415.00	.	.	.	0	.	.	.	YES
71	WT7-6	PRE-RAP	7	27818.00	17443.00	.	.	.	0	.	.	.	YES
72	WT7-6A	PRE-RAP	7	27820.00	17481.00	.	.	.	0	.	.	.	YES
73	WT7-7	PRE-RAP	7	27822.00	17512.00	.	.	.	0	.	.	.	YES
74	WT7-8	PRE-RAP	7	27617.00	17336.00	.	.	.	0	.	.	.	YES
75	0052	PRE-RAP	7	26088.00	17623.00	.	.	.	1	.	.	.	YES
76	0053	PRE-RAP	7	25938.00	17421.00	.	.	.	1	.	.	.	YES
77	0054	PRE-RAP	7	25907.00	17643.00	.	.	.	1	.	.	.	YES
78	0055	PRE-RAP	7	26137.00	17823.00	.	.	.	1	.	.	.	YES
79	0056	PRE-RAP	7	26432.00	17821.00	.	.	.	1	.	.	.	YES
80	0057	PRE-RAP	7	26315.00	17715.00	.	.	.	1	.	.	.	YES
81	0058	PRE-RAP	7	26269.00	17886.00	.	.	.	0	1964	.	.	YES
82	0063	PRE-RAP	-1	26249.00	19398.00	.	.	.	1	.	.	.	YES
83	0064	PRE-RAP	-1	26277.00	19215.00	.	.	.	1	.	.	.	YES
84	0065	PRE-RAP	7	25945.00	18988.00	.	.	.	1	.	.	.	YES
85	0066	PRE-RAP	7	25932.00	18867.00	.	.	.	1	.	.	.	YES
86	0067	PRE-RAP	7	26136.00	18468.00	.	.	.	1	.	.	.	YES
87	0068	PRE-RAP	7	26083.00	18919.00	.	.	.	1	.	.	.	YES
88	0069	PRE-RAP	7	25883.00	18719.00	.	.	.	1	.	.	.	YES
89	0070	PRE-RAP	7	25834.00	18719.00	.	.	.	1	.	.	.	YES
90	0071	PRE-RAP	7	25683.00	18919.00	.	.	.	1	.	.	.	YES
91	0072	PRE-RAP	7	25883.00	19119.00	.	.	.	1	.	.	.	YES
92	0073	PRE-RAP	7	25883.00	18919.00	.	.	.	1	.	.	.	YES
93	0074	PRE-RAP	7	25856.00	17307.00	.	.	.	1	.	.	.	YES
94	0075	PRE-RAP	7	25984.00	17159.00	.	.	.	0	1964	.	.	YES
95	0076	PRE-RAP	7	26102.00	17274.00	.	.	.	1	.	.	.	YES
96	0077	PRE-RAP	7	25984.00	17407.00	.	.	.	0	1964	.	.	YES
97	0078	PRE-RAP	7	25985.00	17282.00	.	.	.	1	.	.	.	YES
98	0079	PRE-RAP	7	26885.00	18837.00	.	.	.	1	.	.	.	YES
99	0080	PRE-RAP	7	25984.00	17145.00	.	.	.	0	1964	.	.	YES
100	0081	PRE-RAP	7	25865.00	17306.00	.	.	.	1	.	.	.	YES
101	0082	PRE-RAP	7	25875.00	17304.00	.	.	.	1	.	.	.	YES
102	0083	PRE-RAP	7	26191.00	17285.00	.	.	.	1	.	.	.	YES
103	0084	PRE-RAP	7	26224.00	17162	.	.	.	1	.	.	.	YES
104	0085	PRE-RAP	2	26252	16910	.	.	.	1	.	.	.	YES
105	0086	PRE-RAP	2	26009	16808	.	.	.	1	.	.	.	YES
106	0087	PRE-RAP	2	26002	16746	.	.	.	1	.	.	.	YES
107	0088	PRE-RAP	2	25746	16695	.	.	.	1	.	.	.	YES
108	0089	PRE-RAP	2	25556	16675	.	.	.	1	.	.	.	YES
109	0090	PRE-RAP	2	25473	16782	.	.	.	1	.	.	.	YES
110	0091	PRE-RAP	2	25480	16860	.	.	.	1	.	.	.	YES
111	0092	PRE-RAP	2	25488	17046	.	.	.	1	.	.	.	YES
112	0093	PRE-RAP	7	25984	17058	.	.	.	1	.	.	.	YES
113	0094	PRE-RAP	7	25985	16960	.	.	.	1	.	.	.	YES
114	0095	PRE-RAP	2	25542	17209	.	.	.	1	.	.	.	YES
115	0096	PRE-RAP	7	26251	17498	.	.	.	1	.	.	.	YES
116	0097	PRE-RAP	7	26453	17598	.	.	.	1	.	.	.	YES
117	0098	PRE-RAP	7	26531	17715	.	.	.	1	.	.	.	YES
118	0099	PRE-RAP	7	26575	17777	.	.	.	1	.	.	.	YES
119	0100	PRE-RAP	7	25631	17408	.	.	.	1	.	.	.	YES
120	0101	PRE-RAP	7	25732	17495	.	.	.	1	.	.	.	YES
121	0102	PRE-RAP	7	26117	17093	.	.	.	1	.	.	.	YES
122	0103	PRE-RAP	7	25760	17074	.	.	.	1	.	.	.	YES
123	0104	PRE-RAP	7	25660	16957	.	.	.	1	.	.	.	YES
124	0105	PRE-RAP	7	25756	17324	.	.	.	1	.	.	.	YES
125	0106	PRE-RAP	2	25550	17532	.	.	.	1	.	.	.	YES
126	0112	PRE-RAP	-1	27012	19450	95.0	.	.	1	.	.	.	YES
127	0113	PRE-RAP	7	26586	18100	.	.	.	1	.	.	.	YES
128	0114	PRE-RAP	7	26433	18148	.	.	.	1	.	.	.	YES
129	0115	PRE-RAP	7	26155	18026	.	.	.	1	.	.	.	YES
130	0116	PRE-RAP	7	25807	17924	.	.	.	1	.	.	.	YES
131	0117	PRE-RAP	7	25836	17802	.	.	.	1	.	.	.	YES
132	0118	PRE-RAP	7	25648	17587	.	.	.	1	.	.	.	YES

Table 17. (continued)

## NON-WATER-QUALITY WELLS WITHIN THE WAG 7 WINDOW

ORS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
133	0119	PRE-RAP	7	25680	17139	.	.	.	1	.	.	.	YES
134	0120	PRE-RAP	7	26840	17676	.	.	.	1	.	.	.	YES
135	0121	PRE-RAP	7	26698	17306	.	.	.	1	.	.	.	YES
136	0122	PRE-RAP	7	26348	18011	.	.	.	0	1964	.	.	YES
137	0124	PRE-RAP	7	26079	17916	.	.	.	1	.	.	.	YES
138	0125	PRE-RAP	7	25995	17874	.	.	.	1	.	.	.	YES
139	0126	PRE-RAP	2	25698	17779	.	.	.	1	.	.	.	YES
140	0127	PRE-RAP	7	26719	17476	.	.	.	0	.	.	.	YES
141	0137	PRE-RAP	5	28499	17272	.	.	.	0	1975	.	.	YES
142	0138	PRE-RAP	2	28425	17086	.	.	.	0	1975	.	.	YES
143	0179	PRE-RAP	7	26993	18832	20.5	.	.	1	.	.	.	YES
144	0180	PRE-RAP	7	27057	19220	18.0	.	.	1	.	.	.	YES
145	0181	PRE-RAP	7	27062	19021	14.4	.	.	1	.	.	.	YES
146	0182	PRE-RAP	4	27038	18827	19.7	.	.	1	.	.	.	YES
147	0183	PRE-RAP	4	26997	18612	15.0	.	.	1	.	.	.	YES
148	0184	PRE-RAP	4	27553	19418	15.6	.	.	1	.	.	.	YES
149	0185	PRE-RAP	4	27580	19183	.	.	.	0	1975	.	.	YES
150	0186	PRE-RAP	4	27549	19019	6.0	.	.	1	.	.	.	YES
151	0186A	PRE-RAP	4	27514	19058	9.0	.	.	1	.	.	.	YES
152	0187	PRE-RAP	7	27544	18786	19.0	.	.	1	.	.	.	YES
153	0189	PRE-RAP	4	28048	19404	19.0	.	.	1	.	.	.	YES
154	0190	PRE-RAP	4	28047.00	19208.00	15.2	.	.	1	.	.	.	YES
155	0190A	PRE-RAP	4	28253.00	19061.00	10.5	.	.	0	.	.	.	YES
156	0190B	PRE-RAP	4	28098.00	19243.00	11.7	.	.	1	.	.	.	YES
157	0190C	PRE-RAP	4	27919.00	19221.00	11.6	.	.	1	.	.	.	YES
158	0191	PRE-RAP	7	28034.00	19008.00	7.0	.	.	1	.	.	.	YES
159	0336	PRE-RAP	6	25092.00	17595.00	.	.	.	0	1975	.	.	YES
160	0337	PRE-RAP	6	25096.00	17717.00	10.4	.	.	1	.	.	.	YES
161	0338	PRE-RAP	6	25158.00	17305.00	17.1	.	.	1	.	.	.	YES
162	0339	PRE-RAP	6	25316.00	17481.00	.	.	.	0	1975	.	.	YES
163	0340	PRE-RAP	6	25160.00	17130.00	.	.	.	0	1975	.	.	YES
164	0341	PRE-RAP	6	25165.00	16837.00	19.7	.	.	1	.	.	.	YES
165	0342	PRE-RAP	6	25154.00	16562.00	15.2	.	.	1	.	.	.	YES
166	0343	PRE-RAP	6	25010.00	16763.00	23.9	.	.	1	.	.	.	YES
167	0367	PRE-RAP	6	25091.00	17723.00	68.8	.	.	1	.	.	.	YES
168	0368	PRE-RAP	6	25155.00	17348.00	39.4	.	.	1	.	.	.	YES
169	0372	PRE-RAP	6	25042.00	16570.00	33.1	.	.	1	.	.	.	YES
170	0373	PRE-RAP	6	25208.00	16945.00	33.9	.	.	1	.	.	.	YES
171	0374	PRE-RAP	6	25346.00	17462.00	30.9	.	.	1	.	.	.	YES
172	0404	PRE-RAP	4	27714.00	19220.00	10.4	.	.	1	.	.	.	YES
173	0407	PRE-RAP	4	28279.00	19349.00	7.8	.	.	1	.	.	.	YES
174	0410	PRE-RAP	4	28472.00	19066.00	17.0	.	.	0	1975	.	.	YES
175	0422	PRE-RAP	5	28450.00	17166.00	11.8	.	.	1	.	.	.	YES
176	0533A	PRE-RAP	.	28314.00	19216.00	24.9	.	.	1	.	.	.	YES
177	0534A	PRE-RAP	.	27926.00	19115.00	15.8	.	.	1	.	.	.	YES
178	0536A	PRE-RAP	.	27210.00	19105.00	27.9	.	.	1	.	.	.	YES
179	0927	HYDROSTATI	7	27964.36	18014.84	.	400.0	.	1	.	.	21MAY86	YES
180	0928	HYDROSTATI	7	27966.49	17989.34	.	201.2	.	1	.	.	17MAR86	YES
181	0929	HYDROSTATI	7	27976.47	17963.94	.	101.0	.	1	.	.	20MAR86	YES
182	0930	HYDROSTATI	7	27562.33	17225.06	.	400.5	.	1	.	.	15MAY86	YES
183	0931	HYDROSTATI	7	27535.95	17214.92	.	200.5	.	1	.	.	21MAY86	YES
184	0932	HYDROSTATI	7	27510.61	17208.13	.	81.1	.	1	.	.	17APR86	YES
185	0933	HYDROSTATI	7	26724.48	17213.80	.	399.1	.	1	.	.	05MAY86	YES
186	0934	HYDROSTATI	7	26705.25	17195.99	.	211.5	.	1	.	.	09MAY86	YES
187	0935	HYDROSTATI	7	26689.95	17175.96	.	80.5	.	1	.	.	14MAY86	YES
188	1004	HYDROSTATI	7	27929.18	18805.38	.	400.0	.	1	.	.	15FEB88	YES
189	1005	HYDROSTATI	7	27904.42	18809.57	.	238.0	.	1	.	.	18MAR88	YES
190	1006	HYDROSTATI	7	27875.83	18815.87	.	80.0	.	1	.	.	04APR88	YES
191	1E-199	HYDROFRACT	7	26089.00	18920.00	290.0	.	.	1	.	.	.	YES
192	4E-200W	HYDROFRACT	-1	28378.00	16503.00	1130.0	.	.	1	.	.	.	YES
193	1E-273	HYDROFRACT	7	26163.00	18920.00	287.0	.	.	1	.	.	.	YES
194	1E-362	HYDROFRACT	7	26252.00	18920.00	330.0	.	.	1	.	.	.	YES
195	1E-37	HYDROFRACT	7	25927.00	18920.00	307.0	.	.	1	.	.	.	YES
196	INJECT1	HYDROFRACT	7	25890.00	18920.00	300.0	.	.	1	.	.	.	YES
197	INJECT4	HYDROFRACT	5	28178.00	16502.00	1127.0	.	.	1	.	.	.	YES
198	1-JOY	HYDROFRACT	7	25905.00	19146.00	220.0	.	.	1	.	.	.	YES

Table 17. (continued)

## NON-WATER-QUALITY WELLS WITHIN THE WAG 7 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
199	1N-199	HYDROFRACT	7	25890.00	19119.00	200.0	.	.	1	.	.	.	YES
200	4N-200W	HYDROFRACT	-1	28178.00	16702.00	1072.0	.	.	1	.	.	.	YES
201	4N-200R	HYDROFRACT	-1	28158.00	16702.00	580.0	.	.	1	.	.	.	YES
202	1N-231	HYDROFRACT	7	25890.00	19151.00	200.0	.	.	1	.	.	.	YES
203	1N-343	HYDROFRACT	-1	25890.00	19263.00	165.0	.	.	1	.	.	.	YES
204	1N-399	HYDROFRACT	-1	25890.00	19319.00	165.0	.	.	1	.	.	.	YES
205	1N-449	HYDROFRACT	-1	25890.00	19369.00	147.0	.	.	0	.	.	.	YES
206	4NE-280R	HYDROFRACT	-1	28367.00	16673.00	582.0	.	.	1	.	.	.	YES
207	1NE-359	HYDROFRACT	-1	26143.00	19173.00	200.0	.	.	1	.	.	.	YES
208	1NE-410	HYDROFRACT	-1	26180.00	19210.00	200.0	.	.	1	.	.	.	YES
209	3NW-175R	HYDROFRACT	5	28494.00	17278.00	570.0	.	.	1	.	.	.	YES
210	3NW-250R	HYDROFRACT	2	28441.00	17330.00	600.0	.	.	1	.	.	.	YES
211	1NW-259	HYDROFRACT	7	25790.00	19156.00	154.0	.	.	1	.	.	.	YES
212	3NW-290P	HYDROFRACT	2	28412.00	17358.00	500.0	.	.	1	.	.	.	YES
213	1NW-309	HYDROFRACT	7	25710.00	19171.00	150.0	.	.	1	.	.	.	YES
214	4NW-340R	HYDROFRACT	-1	27896.00	16702.00	580.0	.	.	1	.	.	.	YES
215	4NW-400W	HYDROFRACT	-1	27923.00	16702.00	986.0	.	.	1	.	.	.	YES
216	1S-134	HYDROFRACT	7	25890.00	18786.00	300.0	.	.	1	.	.	.	YES
217	1S-202	HYDROFRACT	7	25890.00	18718.00	300.0	.	.	0	.	.	.	YES
218	1S-88	HYDROFRACT	7	25890.00	18832.00	360.0	.	.	1	.	.	.	YES
219	1-TERRY	HYDROFRACT	7	25884.00	19132.00	220.0	.	.	1	.	.	.	YES
220	1W-127	HYDROFRACT	7	25763.00	18920.00	340.0	.	.	1	.	.	.	YES
221	1W-184	HYDROFRACT	7	25706.00	18920.00	340.0	.	.	1	.	.	.	YES
222	1W-200	HYDROFRACT	7	25690.00	18920.00	200.0	.	.	0	.	.	.	YES
223	4W-200W	HYDROFRACT	5	27978.00	16502.00	1152.0	.	.	1	.	.	.	YES
224	1W-237	HYDROFRACT	7	25653.00	18920.00	325.0	.	.	1	.	.	.	YES
225	3W-300	HYDROFRACT	2	28317.00	17115.00	3263.0	.	.	0	1982	.	.	YES
226	3W-300R	HYDROFRACT	2	28327.00	17109.00	650.0	.	.	1	.	.	.	YES
227	1W-309	HYDROFRACT	7	25581.00	18920.00	333.0	.	.	1	.	.	.	YES
228	1W-79	HYDROFRACT	7	25811.00	18920.00	300.0	.	.	1	.	.	.	YES
229	U26	USGS	-	26803.03	17013.38	.	.	13.0	1	.	.	07NOV85	NO
230	U27	USGS	-	27980.76	17441.68	.	.	11.1	1	.	.	05NOV85	NO
231	1157	TARA	6	25192.38	17806.99	.	.	61.0	1	.	.	19MAR87	NO
232	1158	TARA	6	25102.46	17816.12	.	.	62.1	1	.	.	01APR87	NO
233	1159	TARA	6	25062.08	17752.28	.	.	63.1	1	.	.	27MAR87	NO
234	1160	TARA	6	25002.46	17654.24	.	.	57.6	1	.	.	25MAR87	NO
235	1162	TARA	6	25086.38	17608.96	.	.	61.8	1	.	.	23MAR87	NO
236	1163	TARA	6	25141.24	17689.47	.	.	64.1	1	.	.	20MAR87	NO
237	1165	TARA	6	25041.75	17879.49	.	.	39.1	1	.	.	09APR87	NO
238	1167	TARA	6	25256.02	17709.84	.	.	47.9	1	.	.	07APR87	NO
239	1168	TARA	6	25295.15	17645.69	.	.	28.9	1	.	.	08APR87	NO
240	1169	TARA	6	25151.41	17895.08	.	.	37.9	1	.	.	09APR87	NO
241	0645	PIEZOMETER	6	25274.60	17173.65	.	.	25.0	1	.	.	22MAY86	YES
242	0646	PIEZOMETER	6	25167.05	17550.78	.	.	39.0	1	.	.	03JUL86	YES
243	0649	PIEZOMETER	6	25075.50	17375.49	.	.	37.0	1	.	.	21FEB86	YES
244	0650A	PIEZOMETER	6	25150.16	17273.53	.	.	60.0	1	.	.	21AUG86	YES
245	0650B	PIEZOMETER	6	25150.16	17273.53	.	.	60.0	1	.	.	21AUG86	YES
246	0651	PIEZOMETER	6	25190.67	16870.85	.	.	110.0	1	.	.	22AUG86	YES
247	0668	PIEZOMETER	2	28436.03	17417.18	.	.	15.0	1	.	.	05JAN87	YES
248	0669	PIEZOMETER	2	28407.98	17389.37	.	.	10.0	1	.	.	05JAN87	YES
249	0676	PIEZOMETER	7	26805.04	18796.91	.	.	27.0	1	.	.	17APR86	YES
250	0677	PIEZOMETER	7	26886.13	17341.55	.	.	12.0	1	.	.	30APR87	YES
251	0678	PIEZOMETER	7	27727.56	18663.22	.	.	71.3	1	.	.	11DEC86	YES
252	0679	PIEZOMETER	-1	27001.86	19429.35	.	.	47.0	1	.	.	26FEB86	YES
253	0680	PIEZOMETER	4	27320.23	18820.12	.	.	30.0	1	.	.	08APR86	YES
254	0681	PIEZOMETER	4	27795.65	19072.67	.	.	5.0	1	.	.	31MAR87	YES
255	0685	PIEZOMETER	4	28049.72	19399.76	.	.	50.0	1	.	.	07APR86	YES
256	0686	PIEZOMETER	4	28050.41	19200.06	.	.	50.0	1	.	.	04APR86	YES
257	0687	PIEZOMETER	4	28031.11	19028.51	.	.	45.0	1	.	.	19JUN86	YES
258	0690	PIEZOMETER	7	27060.52	19009.82	.	.	31.0	1	.	.	26FEB86	YES
259	0718	PIEZOMETER	7	26783.99	18863.66	.	.	35.0	1	.	.	21APR86	YES
260	0719	PIEZOMETER	7	26915.53	18848.63	.	.	34.5	1	.	.	18APR86	YES
261	0720	PIEZOMETER	7	27839.79	18821.23	.	.	73.0	1	.	.	10DEC86	YES
262	0726	PIEZOMETER	-1	28233.32	17584.12	.	.	13.0	1	.	.	30JAN87	YES
263	0727	PIEZOMETER	2	28353.53	17455.58	.	.	7.5	1	.	.	30APR87	YES
264	0728	PIEZOMETER	2	28171.48	16967.60	.	.	11.0	1	.	.	05JAN87	YES

Table 17. (continued)

## NON-WATER-QUALITY WELLS WITHIN THE WAG 7 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
265	0729	PIEZOMETER	2	27885.11	16978.99	.	.	12.0	1	.	.	06JAN87	YES
266	0730	PIEZOMETER	2	27904.96	16814.57	.	.	25.0	1	.	.	04NOV86	YES
267	0731	PIEZOMETER	2	26601.06	16821.45	.	.	12.0	1	.	.	19JAN87	YES
268	0732	PIEZOMETER	2	26639.86	16686.73	.	.	5.5	1	.	.	31MAR87	YES
269	0733	PIEZOMETER	2	26778.18	16545.63	.	.	8.0	1	.	.	31MAR87	YES
270	0735	PIEZOMETER	2	25907.13	16707.87	.	.	10.0	1	.	.	31MAR87	YES
271	0736	PIEZOMETER	2	25969.28	16562.67	.	.	9.0	1	.	.	31MAR87	YES
272	0751	PIEZOMETER	2	28464.82	16845.38	.	.	7.5	1	.	.	30APR87	YES
273	0778	PIEZOMETER	7	27181.64	16971.06	.	.	15.0	1	.	.	03DEC86	YES
274	0779	PIEZOMETER	7	27184.43	16956.84	.	.	48.5	1	.	.	04DEC86	YES
275	0780	PIEZOMETER	2	27283.01	16813.18	.	.	12.5	1	.	.	19NOV86	YES
276	0781	PIEZOMETER	2	27295.10	16822.73	.	.	37.5	1	.	.	19NOV86	YES
277	0782	PIEZOMETER	2	27367.38	16671.83	.	.	14.5	1	.	.	03NOV86	YES
278	0783	PIEZOMETER	2	27388.40	16681.18	.	.	50.0	1	.	.	17NOV86	YES
279	1107	CERCLA	5	28496.78	17298.86	.	.	24.0	1	.	.	15MAR85	YES

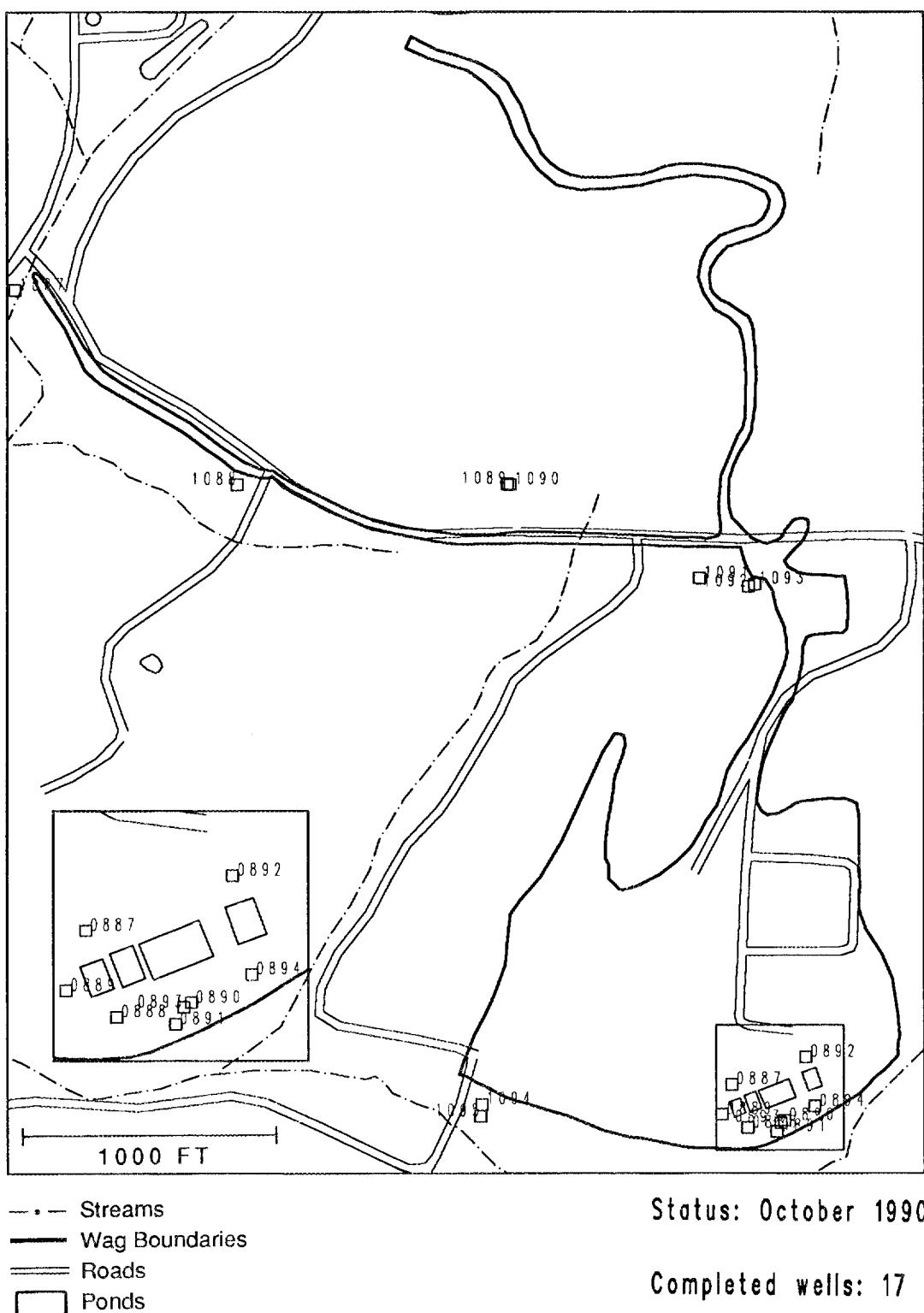


Fig. 17. Water-quality wells in WAG 8.

Table 18.

## WATER QUALITY WELLS IN WAG 8

OBS	WELL	EASTING	NORTHING	DEPTH	SAMPINT	STATUS	DESTRUCT	INSTDATE	VERI_CON
1	0887	32312.64	16763.01	27	21-27	1	.	19JUL85	YES
2	0888	32373.31	16589.43	20	15-20	1	.	05AUG85	YES
3	0889	32273.75	16642.95	21	15-21	1	.	23AUG85	YES
4	0890	32518.96	16618.84	50	40-50	1	.	06NOV85	YES
5	0891	32488.11	16575.21	24	19-24	1	.	22AUG85	YES
6	0892	32600.83	16872.44	23	17-23	1	.	29JUL85	YES
7	0893	32503.90	16609.21	21	16-21	1	.	05AUG85	YES
8	0894	32637.83	16675.54	21	16-21	1	.	01AUG85	YES
9	1087	29497.73	19935.31	22	12-22	1	.	22SEP89	YES
10	1088	30367.64	19155.72	34	19-34	1	.	05JAN90	YES
11	1089	31431.76	19159.16	30	14-30	1	.	12OCT89	YES
12	1090	31441.95	19157.68	73	57-73	1	.	11OCT89	YES
13	1091	32186.40	18785.40	22	12-22	1	.	11DEC89	YES
14	1092	32378.93	18752.79	87	72-87	1	.	14NOV89	YES
15	1093	32402.19	18762.57	48	28-48	1	.	08DEC89	YES
16	1094	31329.16	16682.85	70	55-70	1	.	09OCT89	YES
17	1095	31325.24	16634.40	23	12-23	1	.	13OCT89	YES

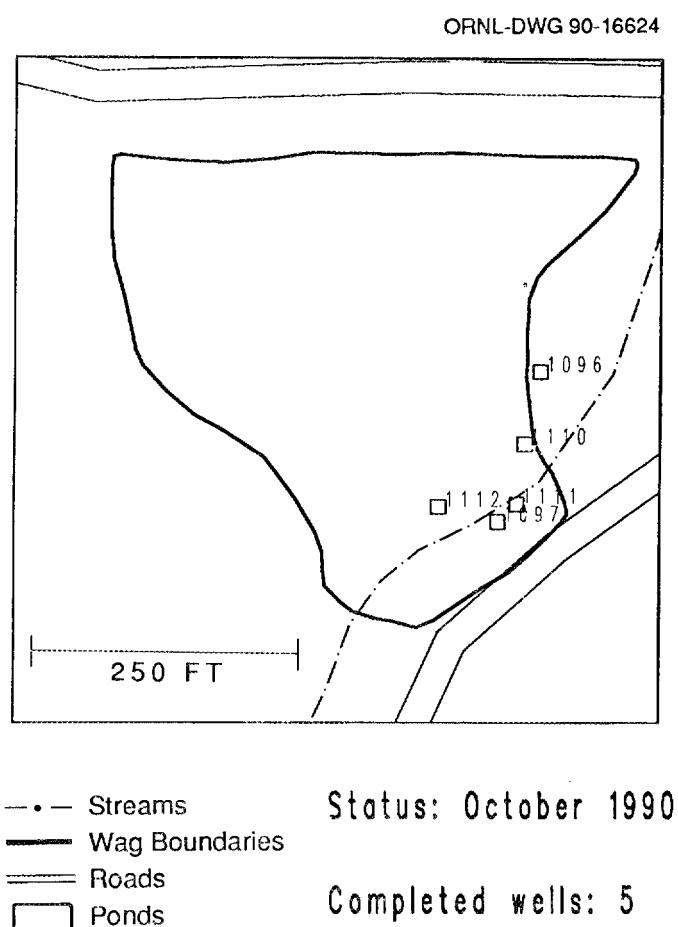


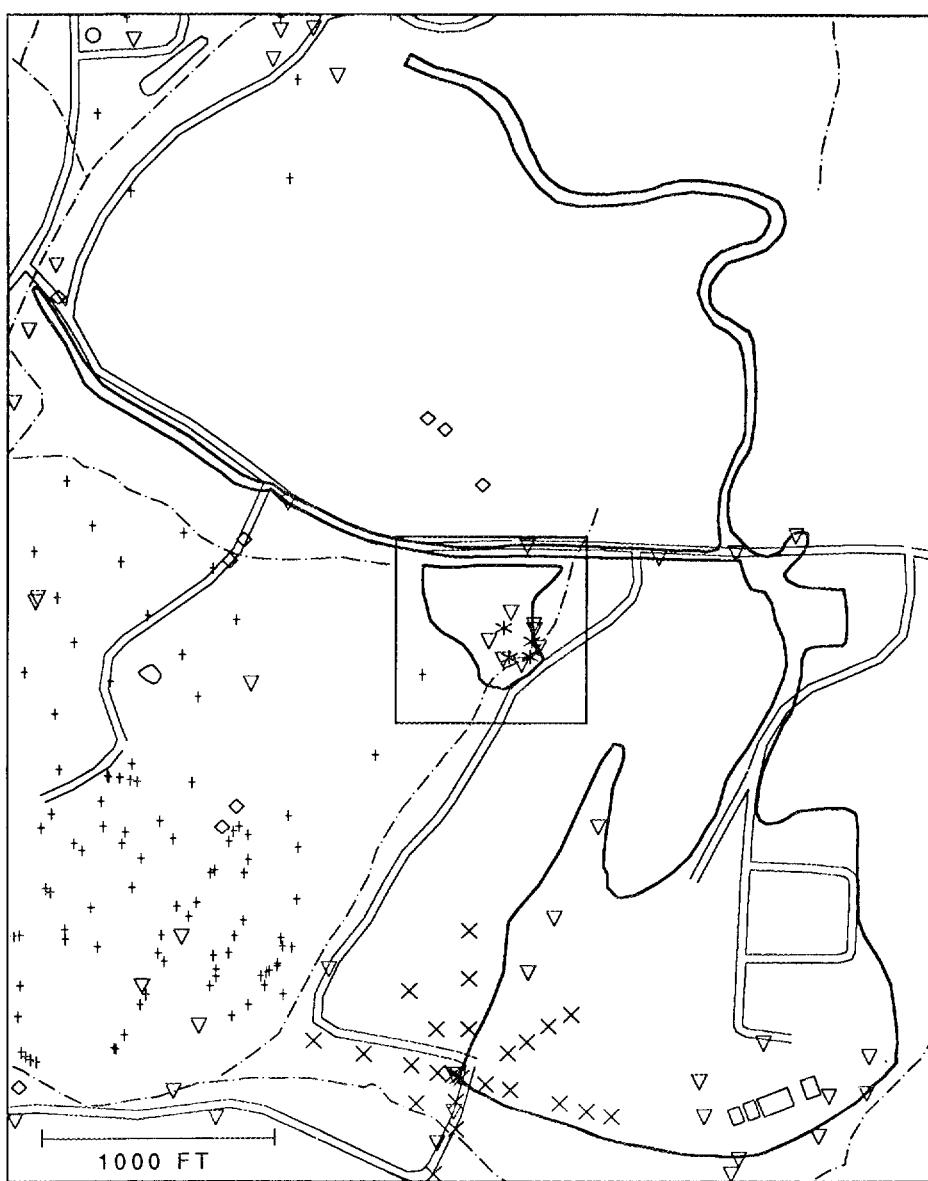
Fig. 18. Water-quality wells in WAG 9.

Table 19.

## WATER QUALITY WELLS IN WAG 9

OBS	WELL	EASTING	NORTHING	DEPTH	SAMPINT	STATUS	DESTRUCT	INSTDATE	VERI_CON
1	1096	31549.54	18657.31	22	12-22	1	.	27APR90	YES
2	1097	31506.26	18499.60	17	7-17	1	.	25APR90	YES
3	1110	31533.62	18581.39	23	13-23	1	.	26FEB85	YES
4	1111	31525.86	18518.64	22	12-22	1	.	27FEB85	YES
5	1112	31444.65	18515.45	19	9-19	1	.	04MAR85	YES

ORNL-DWG 90-16625



- |                                                                                                                              |                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>— - - Streams</li> <li>—— Wag Boundaries</li> <li>— Roads</li> <li>□ Ponds</li> </ul> | <b>WELL SYMBOLS Status: October 1990</b> <ul style="list-style-type: none"> <li>▽ Piezometer</li> <li>+ Pre-RAP</li> <li>* CERCLA</li> <li>★ TARA</li> <li>△ Hydrostatic head</li> <li>× Hydrofracture</li> <li>◊ USGS</li> </ul> |
|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Fig. 19. Additional wells in WAGs 8 and 9.

Table 20.

## NON-WATER-QUALITY WELLS WITHIN THE WAG 8 AND 9 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
1	B-1	PRE-RAP	5	30352.0	17064.00	.	.	.	1	.	.	.	YES
2	B-2	PRE-RAP	5	30419.0	17109.00	.	.	.	1	.	.	.	YES
3	B-3	PRE-RAP	5	30482.0	17185.00	.	.	.	1	.	.	.	YES
4	B-4	PRE-RAP	5	30534.0	17274.00	.	.	.	1	.	.	.	YES
5	B-5	PRE-RAP	5	30548.0	17377.00	.	.	.	1	.	.	.	YES
6	B-6	PRE-RAP	5	30399.0	17448.00	.	.	.	1	.	.	.	YES
7	B-7	PRE-RAP	5	30364.0	17387.00	.	.	.	1	.	.	.	YES
8	B-8	PRE-RAP	5	30341.0	17318.00	.	.	.	1	.	.	.	YES
9	B-9	PRE-RAP	5	30266.0	17184.00	.	.	.	1	.	.	.	YES
10	HR1	PRE-RAP	.	31105.0	18445.00	100.3	.	.	1	.	.	.	YES
11	HR2	PRE-RAP	.	30920.0	18120.00	103.5	.	.	1	.	.	.	YES
12	T117-1	PRE-RAP	5	29933.0	16987.00	7.0	.	.	1	.	.	.	YES
13	T29-1	PRE-RAP	5	30419.0	17695.00	11.9	.	.	1	.	.	.	YES
14	T30-1	PRE-RAP	5	30403.0	17640.00	10.9	.	.	1	.	.	.	YES
15	T31-1	PRE-RAP	5	30078.0	17389.00	13.9	.	.	1	.	.	.	YES
16	T64-1	PRE-RAP	5	29511.0	17061.00	14.6	.	.	1	.	.	.	YES
17	0013	PRE-RAP	1	30979.5	21099.10	100.0	.	.	0	.	.	.	YES
18	0019	PRE-RAP	1	29942.5	21090.10	100.0	.	.	0	.	.	.	YES
19	0026	PRE-RAP	1	29826.3	20700.20	50.0	.	.	0	.	.	.	YES
20	0027	PRE-RAP	1	30545.2	21089.90	50.0	.	.	0	.	.	.	YES
21	0028	PRE-RAP	1	30613.0	20838.70	100.0	.	.	0	.	.	.	YES
22	0029	PRE-RAP	1	29956.0	20388.30	198.0	.	.	0	.	.	.	YES
23	0050	PRE-RAP	-1	30579.7	20441.60	90.0	.	.	0	.	.	.	YES
24	0145	PRE-RAP	5	29644.0	17879.00	10.6	.	.	1	.	.	.	YES
25	0146	PRE-RAP	5	29872.0	18029.00	17.3	.	.	0	1975	.	.	YES
26	0147	PRE-RAP	5	29843.0	17931.00	20.3	.	.	1	.	.	.	YES
27	0148	PRE-RAP	5	29734.0	17759.00	.	.	.	0	1975	.	.	YES
28	0149	PRE-RAP	5	29641.0	17561.00	3.7	.	.	1	.	.	.	YES
29	0150	PRE-RAP	5	29517.0	17387.00	.	.	.	0	1975	.	.	YES
30	0152	PRE-RAP	2	29899.0	16932.00	.	.	.	0	1975	.	.	YES
31	0153	PRE-RAP	5	29994.0	17108.00	16.0	.	.	0	1975	.	.	YES
32	0154	PRE-RAP	5	30088.0	17282.00	15.0	.	.	0	1975	.	.	YES
33	0155	PRE-RAP	5	30184.0	17465.00	18.0	.	.	0	1975	.	.	YES
34	0156	PRE-RAP	5	30270.0	17640.00	18.9	.	.	0	1975	.	.	YES
35	0157	PRE-RAP	2	30555.0	17151.00	6.1	.	.	1	.	.	.	YES
36	0158	PRE-RAP	-1	30590.0	17340.00	.	.	.	0	1975	.	.	YES
37	0159	PRE-RAP	-1	30610.0	17535.00	6.1	.	.	1	.	.	.	YES
38	0160	PRE-RAP	-1	30617.0	17744.00	9.0	.	.	1	.	.	.	YES
39	0161	PRE-RAP	-1	30578.0	17873.00	7.7	.	.	1	.	.	.	YES
40	0162	PRE-RAP	5	30360.0	17809.00	8.9	.	.	1	.	.	.	YES
41	0168	PRE-RAP	5	30280.0	17307.00	18.9	.	.	0	.	.	.	YES
42	0169	PRE-RAP	5	29699.0	17371.00	15.8	.	.	1	.	.	.	YES
43	0170	PRE-RAP	5	29924.0	17759.00	.	.	.	0	1975	.	.	YES
44	0171	PRE-RAP	5	30343.0	17768.00	18.8	.	.	0	1975	.	.	YES
45	0172	PRE-RAP	5	30418.0	17795.00	6.7	.	.	1	.	.	.	YES
46	0173	PRE-RAP	5	30123.0	17779.00	16.9	.	.	1	.	.	.	YES
47	0174	PRE-RAP	5	30382.0	17829.00	125.4	.	.	1	.	.	.	YES
48	0175	PRE-RAP	5	30214.0	17521.00	148.4	.	.	1	.	.	.	YES
49	0425	PRE-RAP	5	29620.0	17576.00	8.0	.	.	1	.	.	.	YES
50	0426	PRE-RAP	5	29497.0	17383.00	4.4	.	.	1	.	.	.	YES
51	0428	PRE-RAP	2	29892.0	16934.00	3.9	.	.	1	.	.	.	YES
52	0429	PRE-RAP	5	30291	17251	22.3	.	.	1	.	.	.	YES
53	0430	PRE-RAP	5	29962	18083	28.8	.	.	1	.	.	.	YES
54	0431	PRE-RAP	5	29675	18059	34.8	.	.	1	.	.	.	YES
55	0441	PRE-RAP	5	29604	17822	41.5	.	.	1	.	.	.	YES
56	0444	PRE-RAP	5	30017	17149	20.7	.	.	1	.	.	.	YES
57	0445	PRE-RAP	5	30286	17652	64.1	.	.	1	.	.	.	YES
58	0446	PRE-RAP	5	29520	17184	29.3	.	.	1	.	.	.	YES
59	0449	PRE-RAP	5	29658	18285	40.0	.	.	1	.	.	.	YES
60	0450	PRE-RAP	5	30073	17850	33.7	.	.	1	.	.	.	YES
61	0451	PRE-RAP	5	29962	17581	34.1	.	.	1	.	.	.	YES
62	0452	PRE-RAP	5	29827	17341	29.8	.	.	1	.	.	.	YES
63	0453	PRE-RAP	5	30290	17223	29.0	.	.	1	.	.	.	YES
64	0454	PRE-RAP	5	30554	17344	22.0	.	.	1	.	.	.	YES
65	0455	PRE-RAP	5	30198	18007	35.8	.	.	1	.	.	.	YES
66	0461	PRE-RAP	2	29585	16879	202.0	.	.	1	.	.	.	YES

Table 20. (continued)

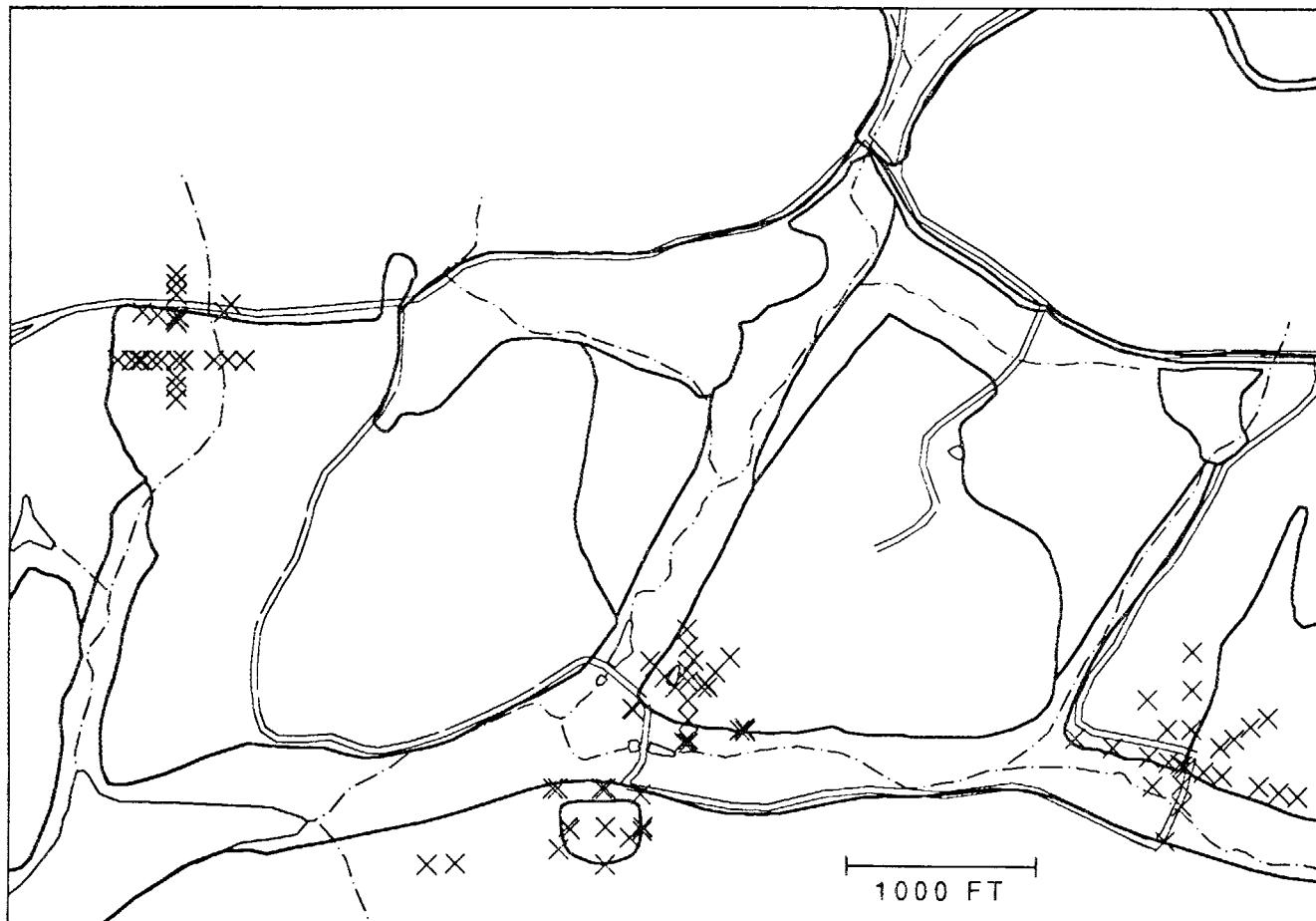
## NON-WATER-QUALITY WELLS WITHIN THE WAG 8 AND 9 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
67	0462	PRE-RAP	2	29562	16888	151.0	.	.	1	.	.	.	YES
68	0463	PRE-RAP	2	29541	16901	100.0	.	.	1	.	.	.	YES
69	0464	PRE-RAP	2	29523	16918	11.0	.	.	1	.	.	.	YES
70	0469A	PRE-RAP	5	29984	18011	201.0	.	.	1	.	.	.	YES
71	0470	PRE-RAP	5	29956	18016	151.0	.	.	1	.	.	.	YES
72	0471	PRE-RAP	5	29867	18034	99.0	.	.	1	.	.	.	YES
73	0472	PRE-RAP	5	29914	18026	20.0	.	.	1	.	.	.	YES
74	0473	PRE-RAP	5	30466	17225	200.0	.	.	1	.	.	.	YES
75	0474	PRE-RAP	5	30489	17239	151.0	.	.	1	.	.	.	YES
76	0475	PRE-RAP	5	30501	17247	100.0	.	.	1	.	.	.	YES
77	0476	PRE-RAP	5	30532	17265	30.0	.	.	1	.	.	.	YES
78	0504	PRE-RAP	5	29936	17806	16.3	.	.	1	.	.	.	YES
79	0505	PRE-RAP	5	30000	17700	18.0	.	0	1975	.	.	.	YES
80	0506	PRE-RAP	5	29697	17410	18.2	.	.	1	.	.	.	YES
81	0507	PRE-RAP	5	30064	17316	19.5	.	0	1978	.	.	.	YES
82	0508	PRE-RAP	5	30138	17506	19.0	.	0	1978	.	.	.	YES
83	0510	PRE-RAP	5	29766	17730	12.6	.	.	1	.	.	.	YES
84	0511	PRE-RAP	5	29801	17500	15.7	.	.	1	.	.	.	YES
85	0512	PRE-RAP	5	29850	17828	12.8	.	.	1	.	.	.	YES
86	0514	PRE-RAP	5	29537	18452	30.0	.	.	1	.	.	.	YES
87	0517	PRE-RAP	5	29575	18937	32.0	.	.	1	.	.	.	YES
88	0518	PRE-RAP	5	29667	18752	31.0	.	.	1	.	.	.	YES
89	0519	PRE-RAP	5	29733	18573	25.0	.	.	1	.	.	.	YES
90	0520	PRE-RAP	5	30024	18681	24.0	.	.	1	.	.	.	YES
91	0521	PRE-RAP	5	29918	18896	87.0	.	.	1	.	.	.	YES
92	0522	PRE-RAP	5	29805	19040	68.0	.	.	1	.	.	.	YES
93	0523	PRE-RAP	-1	29703	19220	10.0	.	.	1	.	.	.	YES
94	0524	PRE-RAP	-1	30163	19012	11.0	.	.	1	.	.	.	YES
95	0525	PRE-RAP	-1	30279	18871	29.0	.	.	1	.	.	.	YES
96	0526	PRE-RAP	5	29878	18416	26.0	.	.	1	.	.	.	YES
97	0527	PRE-RAP	-1	30221	18355	16.0	.	.	1	.	.	.	YES
98	0528	PRE-RAP	-1	30158	18524	34.0	.	.	1	.	.	.	YES
99	0529	PRE-RAP	-1	30370	18665	40.0	.	.	1	.	.	.	YES
100	2E-100	HYDROFRACT	8	31355	16793	910.0	.	.	1	.	.	.	YES
101	2E-200	HYDROFRACT	8	31450	16772	900.0	.	.	1	.	.	.	YES
102	2E-400	HYDROFRACT	8	31645	16718	900.0	.	.	1	.	.	.	YES
103	2E-500	HYDROFRACT	8	31750.00	16686.00	900.0	.	.	1	.	.	.	YES
104	2E-600	HYDROFRACT	8	31849.00	16666.00	920.0	.	.	1	.	.	.	YES
105	INJECT2	HYDROFRACT	8	31260.00	16817.00	940.0	.	0	1978	.	.	.	YES
106	2N-200	HYDROFRACT	-1	31287.00	17013.00	815.0	.	.	1	.	.	.	YES
107	2N-400	HYDROFRACT	-1	31287.00	17217.00	780.0	.	.	1	.	.	.	YES
108	2N-600	HYDROFRACT	-1	31290.00	17410.00	720.0	.	.	1	.	.	.	YES
109	2NE-200	HYDROFRACT	8	31441.00	16918.00	840.0	.	.	1	.	.	.	YES
110	2NE-300	HYDROFRACT	8	31515.00	16962.00	860.0	.	.	1	.	.	.	YES
111	2NE-400	HYDROFRACT	8	31600.00	17026.00	820.0	.	.	1	.	.	.	YES
112	2NE-500	HYDROFRACT	8	31690.00	17073.00	810.0	.	.	1	.	.	.	YES
113	2NW-200	HYDROFRACT	-1	31160.00	17012.00	820.0	.	.	1	.	.	.	YES
114	2S-100	HYDROFRACT	5	31237.00	16725.00	894.0	.	.	1	.	.	.	YES
115	2S-200	HYDROFRACT	2	31237.00	16665.00	935.0	.	.	1	.	.	.	YES
116	2S-400	HYDROFRACT	2	31150.00	16433.00	1020.0	.	.	1	.	.	.	YES
117	2SW-200	HYDROFRACT	2	31082.00	16719.00	900.0	.	.	1	.	.	.	YES
118	2W-100	HYDROFRACT	-1	31166.00	16840.00	840.0	.	.	1	.	.	.	YES
119	2W-15	HYDROFRACT	-1	31244.00	16825.00	860.0	.	0	1978	.	.	.	YES
120	2W-200	HYDROFRACT	-1	31062.00	16868.00	840.0	.	.	1	.	.	.	YES
121	2W-30	HYDROFRACT	-1	31227.00	16832.00	1050.0	.	.	1	.	.	.	YES
122	2W-400	HYDROFRACT	-1	30875.00	16915.00	840.0	.	.	1	.	.	.	YES
123	2W-600	HYDROFRACT	-1	30677.00	16967.00	977.0	.	.	1	.	.	.	YES
124	2NW-400	HYDROFRACT	-1	31054.00	17166.00	780.0	.	.	1	.	.	.	YES
125	UC1	USGS	.	31123.60	19474.74	.	86.2	1	.	.	.	20NOV86	NO
126	UC2	USGS	.	31191.95	19428.98	.	206.7	1	.	.	.	20NOV86	NO
127	UD1	USGS	.	30400.21	18985.58	.	29.8	1	.	.	.	09DEC86	NO
128	UD2	USGS	.	30343.96	18901.56	.	207.0	1	.	.	.	08DEC86	NO
129	UE1	USGS	.	30316.18	17825.05	.	76.7	1	.	.	.	16DEC86	NO
130	UE2	USGS	.	30372.43	17909.07	.	197.7	1	.	.	.	15DEC86	NO
131	UF1	USGS	.	29516.61	16778.51	.	23.5	1	.	.	.	15FEB87	NO
132	U30	USGS	.	29668.34	19962.28	.	19.7	1	.	.	.	23OCT85	NO

Table 20. (continued)

## NON-WATER-QUALITY WELLS WITHIN THE WAG 8 AND 9 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
133	U35	USGS	.	31340.75	19207.69	.	.	32.3	1	.	.	16JAN86	NO
134	0544	PIEZOMETER	1	29969.91	20999.85	.	.	18.0	1	.	.	29JAN86	YES
135	0562	PIEZOMETER	5	29580.45	18735.26	.	.	150.0	1	.	.	04SEP86	YES
136	0569	PIEZOMETER	1	30545.59	21037.77	.	.	12.5	1	.	.	15APR86	YES
137	0570	PIEZOMETER	1	30675.38	21046.92	.	.	15.0	1	.	.	15APR86	YES
138	0571	PIEZOMETER	1	30515.25	20920.68	.	.	17.5	1	.	.	07FEB86	YES
139	0580	PIEZOMETER	1	30770.59	20855.37	.	.	35.0	0	.	01SEP87	16APR86	YES
140	0657	PIEZOMETER	8	32190.75	16803.36	.	.	26.0	1	.	.	21JUL86	YES
141	0658	PIEZOMETER	8	32442.11	16957.54	.	.	26.0	1	.	.	24FEB86	YES
142	0659	PIEZOMETER	8	32858.70	16903.24	.	.	27.0	1	.	.	21FEB86	YES
143	0660	PIEZOMETER	2	32848.09	16757.68	.	.	17.0	1	.	.	26NOV86	YES
144	0661	PIEZOMETER	8	32699.20	16746.67	.	.	31.0	1	.	.	21FEB86	YES
145	0662	PIEZOMETER	2	32659.72	16584.62	.	.	16.0	1	.	.	26NOV86	YES
146	0663	PIEZOMETER	2	32347.38	16493.43	.	.	11.5	1	.	.	01DEC86	YES
147	0664	PIEZOMETER	8	32211.59	16665.09	.	.	19.5	1	.	.	21JUL86	YES
148	0670	PIEZOMETER	9	31450.94	18697.47	.	.	40.0	1	.	.	07JAN87	YES
149	0671	PIEZOMETER	9	31365.71	18581.74	.	.	35.0	1	.	.	08JAN87	YES
150	0672	PIEZOMETER	9	31420.23	18508.96	.	.	24.0	1	.	.	29JAN87	YES
151	0673	PIEZOMETER	9	31561.94	18556.40	.	.	31.5	1	.	.	28JAN87	YES
152	0674	PIEZOMETER	9	31542.63	18647.27	.	.	11.5	1	.	.	12FEB87	YES
153	0675	PIEZOMETER	9	31493.50	18486.97	.	.	19.0	1	.	.	29JAN87	YES
154	0709	PIEZOMETER	5	30224.02	17024.42	.	.	17.5	1	.	.	22JUL86	YES
155	0710	PIEZOMETER	5	30001.07	17185.24	.	.	25.0	1	.	.	22JUL86	YES
156	0711	PIEZOMETER	5	30156.14	17382.28	.	.	27.5	1	.	.	23JUL86	YES
157	0713	PIEZOMETER	-1	30429.76	18410.48	.	.	27.5	1	.	.	29AUG86	YES
158	0714	PIEZOMETER	-1	30738.22	17252.51	.	.	11.5	1	.	.	13MAR86	YES
159	0715	PIEZOMETER	5	29589.45	18752.99	.	.	41.0	1	.	.	22JUL86	YES
160	0722	PIEZOMETER	1	29661.13	20094.40	.	.	11.0	1	.	.	07APR87	YES
161	0723	PIEZOMETER	2	29553.92	19832.63	.	.	20.0	1	.	.	15DEC86	YES
162	0724	PIEZOMETER	2	29493.57	19538.67	.	.	8.0	1	.	.	30APR87	YES
163	0755	PIEZOMETER	2	30124.94	16766.68	.	.	6.0	1	.	.	30APR87	YES
164	0756	PIEZOMETER	-1	30291.91	16660.58	.	.	23.0	1	.	.	05NOV86	YES
165	0757	PIEZOMETER	-1	31229.79	16830.04	.	.	22.0	1	.	.	06NOV86	YES
166	0758	PIEZOMETER	2	31230.27	16685.40	.	.	22.0	1	.	.	06NOV86	YES
167	0759	PIEZOMETER	2	31164.86	16559.04	.	.	21.0	1	.	.	09NOV86	YES
168	0761	PIEZOMETER	2	32317.24	16432.55	.	.	7.0	1	.	.	30APR87	YES
169	0768	PIEZOMETER	-1	29500.14	16646.25	.	.	14.8	1	.	.	04SEP86	YES
170	0898	PIEZOMETER	9	31544.78	18627.49	.	.	18.0	1	.	.	20MAR87	YES
171	1026	PIEZOMETER	8	31795.70	17831.44	.	.	30.0	1	.	.	27MAR87	YES
172	1027	PIEZOMETER	8	31623.78	17460.46	.	.	27.0	1	.	.	30MAR87	YES
173	1028	PIEZOMETER	8	31520.57	17241.06	.	.	31.0	1	.	.	10APR87	YES
174	1029	PIEZOMETER	8	32567.26	19006.89	.	.	98.0	1	.	.	30MAR87	YES
175	1030	PIEZOMETER	8	32331.37	18938.94	.	.	46.5	1	.	.	31MAR87	YES
176	1031	PIEZOMETER	-1	32032.02	18918.80	.	.	65.0	1	.	.	14APR87	YES
177	1032	PIEZOMETER	8	31515.01	18963.83	.	.	40.0	1	.	.	31MAR87	YES
178	1033	PIEZOMETER	8	30573.80	19135.18	.	.	18.0	1	.	.	14APR87	YES
179	1109	CERCLA	9	31422.87	18634.87	.	.	29.7	1	.	.	25FEB85	YES
180	1110	CERCLA	9	31533.62	18581.39	.	.	24.9	1	.	.	26FEB85	YES
181	1111	CERCLA	9	31525.86	18518.64	.	.	24.7	1	.	.	27FEB85	YES
182	1112	CERCLA	9	31444.65	18515.45	.	.	24.7	1	.	.	04MAR85	YES



—•— Streams  
— Wag Boundaries  
— Roads  
□ Ponds

WELL SYMBOLS  
▽ Piezometer  
+ Pre-RAP  
\* CERCLA  
★ TARA  
△ Hydrostatic head  
× Hydrofracture  
◊ USGS

Status: October 1990

Fig. 20. Hydrofracture wells.

Table 21.

## HYDROFRACTURE WELLS IN THE ORNL AREA

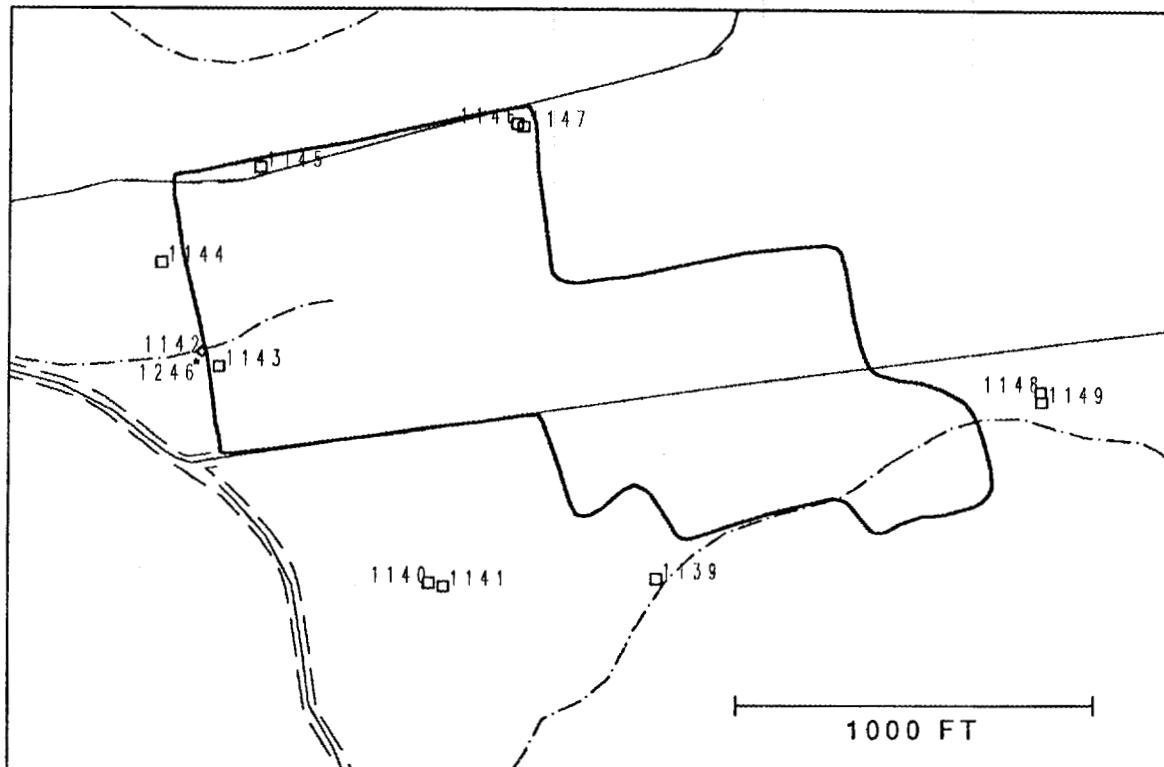
OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
1	2E-100	HYDROFRACT	8	31355	16793	910.0	.	.	1	.	.	.	YES
2	1E-199	HYDROFRACT	7	26089	18920	290.0	.	.	1	.	.	.	YES
3	2E-200	HYDROFRACT	8	31450	16772	900.0	.	.	1	.	.	.	YES
4	4E-200W	HYDROFRACT	-1	28378	16503	1130.0	.	.	1	.	.	.	YES
5	4E-200R	HYDROFRACT	-1	28377	16483	650.0	.	.	1	.	.	.	YES
6	1E-273	HYDROFRACT	7	26163	18920	287.0	.	.	1	.	.	.	YES
7	3E-300R	HYDROFRACT	5	28893	17003	650.0	.	.	1	.	.	.	YES
8	3E-320	HYDROFRACT	5	28921	17013	840.0	.	.	1	.	.	.	YES
9	3E-320P	HYDROFRACT	5	28924	16999	500.0	.	.	1	.	.	.	YES
10	1E-362	HYDROFRACT	7	26252	18920	330.0	.	.	1	.	.	.	YES
11	1E-37	HYDROFRACT	7	25927	18920	307.0	.	.	1	.	.	.	YES
12	2E-400	HYDROFRACT	8	31645	16718	900.0	.	.	1	.	.	.	YES
13	2E-500	HYDROFRACT	8	31750	16686	900.0	.	.	1	.	.	.	YES
14	2E-600	HYDROFRACT	8	31849	16666	920.0	.	.	1	.	.	.	YES
15	INJECT1	HYDROFRACT	7	25890	18920	300.0	.	.	1	.	.	.	YES
16	INJECT2	HYDROFRACT	8	31260	16817	940.0	.	.	0	1978	.	.	YES
17	INJECT3	HYDROFRACT	5	28617	17155	1080.0	.	.	1	.	.	.	YES
18	INJECT4	HYDROFRACT	5	28178	16502	1127.0	.	.	1	.	.	.	YES
19	1-JOY	HYDROFRACT	7	25905	19146	220.0	.	.	1	.	.	.	YES
20	3N-100	HYDROFRACT	5	28617	17255	1034.0	.	.	1	.	.	.	YES
21	3N-150	HYDROFRACT	5	28611	17310	1050.0	.	.	1	.	.	.	YES
22	1N-199	HYDROFRACT	7	25890	19119	200.0	.	.	1	.	.	.	YES
23	2N-200	HYDROFRACT	-1	31287	17013	815.0	.	.	1	.	.	.	YES
24	4N-200W	HYDROFRACT	-1	28178	16702	1072.0	.	.	1	.	.	.	YES
25	3N-200R	HYDROFRACT	5	28646	17360	650.0	.	.	1	.	.	.	YES
26	4N-200R	HYDROFRACT	-1	28158	16702	580.0	.	.	1	.	.	.	YES
27	1N-231	HYDROFRACT	7	25890	19151	200.0	.	.	1	.	.	.	YES
28	3N-275R	HYDROFRACT	5	28616	17430	600.0	.	.	1	.	.	.	YES
29	1N-343	HYDROFRACT	-1	25890	19263	165.0	.	.	1	.	.	.	YES
30	3N-375P	HYDROFRACT	5	28608	17522	500.0	.	.	1	.	.	.	YES
31	1N-399	HYDROFRACT	-1	25890	19319	165.0	.	.	1	.	.	.	YES
32	2N-400	HYDROFRACT	-1	31287	17217	780.0	.	.	1	.	.	.	YES
33	1N-449	HYDROFRACT	-1	25890	19369	147.0	.	.	0	.	.	.	YES
34	2N-600	HYDROFRACT	-1	31290	17410	720.0	.	.	1	.	.	.	YES
35	3NE-100	HYDROFRACT	5	28690	17225	1040.0	.	.	1	.	.	.	YES
36	3NE-125	HYDROFRACT	5	28708	17245	1036.0	.	.	0	.	.	.	YES
37	3NE-125R	HYDROFRACT	5	28723	17227	600.0	.	.	1	.	.	.	YES
38	2NE-200	HYDROFRACT	8	31441	16918	840.0	.	.	1	.	.	.	YES
39	3NE-200R	HYDROFRACT	5	28762	17299	600.0	.	.	1	.	.	.	YES
40	4NE-280R	HYDROFRACT	-1	28367	16673	582.0	.	.	1	.	.	.	YES
41	2NE-300	HYDROFRACT	8	31515	16962	860.0	.	.	1	.	.	.	YES
42	3NE-300P	HYDROFRACT	5	28839	17378	500.0	.	.	1	.	.	.	YES
43	1NE-359	HYDROFRACT	-1	26143	19173	200.0	.	.	1	.	.	.	YES
44	2NE-400	HYDROFRACT	8	31600	17026	820.0	.	.	1	.	.	.	YES
45	1NE-410	HYDROFRACT	-1	26180	19210	200.0	.	.	1	.	.	.	YES
46	2NE-500	HYDROFRACT	8	31690	17073	810.0	.	.	1	.	.	.	YES
47	3NW-100	HYDROFRACT	5	28547	17224	1034.0	.	.	1	.	.	.	YES
48	3NW-175R	HYDROFRACT	5	28494	17278	570.0	.	.	1	.	.	.	YES
49	2NW-200	HYDROFRACT	-1	31160	17012	820.0	.	.	1	.	.	.	YES
50	3NW-250R	HYDROFRACT	2	28441	17330	600.0	.	.	1	.	.	.	YES
51	1NW-259	HYDROFRACT	7	25790	19156	154.0	.	.	1	.	.	.	YES

Table 21. (continued)

## HYDROFRACTURE WELLS IN THE ORNL AREA

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
52	3NW-290P	HYDROFRACT	2	28412	17358	500.0	.	.	1	.	.	.	YES
53	1NW-309	HYDROFRACT	7	25710	19171	150.0	.	.	1	.	.	.	YES
54	4NW-340R	HYDROFRACT	-1	27896	16702	580.0	.	.	1	.	.	.	YES
55	4NW-400W	HYDROFRACT	-1	27923	16702	986.0	.	.	1	.	.	.	YES
56	2S-100	HYDROFRACT	5	31237	16725	894.0	.	.	1	.	.	.	YES
57	3S-100	HYDROFRACT	2	28618	17055	1032.0	.	.	0	.	.	.	YES
58	1S-134	HYDROFRACT	7	25890	18786	300.0	.	.	1	.	.	.	YES
59	2S-200	HYDROFRACT	2	31237	16665	935.0	.	.	1	.	.	.	YES
60	4S-200W	HYDROFRACT	-1	28179	16304	1200.0	.	.	1	.	.	.	YES
61	3S-200R	HYDROFRACT	2	28619	16954	600.0	.	.	1	.	.	.	YES
62	4S-200R	HYDROFRACT	-1	28231	16304	700.0	.	.	1	.	.	.	YES
63	1S-202	HYDROFRACT	7	25890	18718	300.0	.	.	0	.	.	.	YES
64	3S-220	HYDROFRACT	2	28619	16934	1070.0	.	.	1	.	.	.	YES
65	3S-220W	HYDROFRACT	2	28596	16938	840.0	.	.	1	.	.	.	YES
66	2S-400	HYDROFRACT	2	31150	16433	1020.0	.	.	1	.	.	.	YES
67	1S-88	HYDROFRACT	7	25890	18832	360.0	.	.	1	.	.	.	YES
68	4SE-125W	HYDROFRACT	5	28308	16445	1145.0	.	.	1	.	.	.	YES
69	4SE-280R	HYDROFRACT	-1	28379	16313	700.0	.	.	1	.	.	.	YES
70	2SW-200	HYDROFRACT	2	31082	16719	900.0	.	.	1	.	.	.	YES
71	4SW-280R	HYDROFRACT	-1	27929	16387	700.0	.	.	1	.	.	.	YES
72	1-TERRY	HYDROFRACT	7	25884	19132	220.0	.	.	1	.	.	.	YES
73	2W-100	HYDROFRACT	-1	31166	16840	840.0	.	.	1	.	.	.	YES
74	1W-127	HYDROFRACT	7	25763	18920	340.0	.	.	1	.	.	.	YES
75	2W-15	HYDROFRACT	-1	31244	16825	860.0	.	.	0	1978	.	.	YES
76	1W-184	HYDROFRACT	7	25706	18920	340.0	.	.	1	.	.	.	YES
77	4W-190R	HYDROFRACT	5	27991	16489	650.0	.	.	1	.	.	.	YES
78	1W-200	HYDROFRACT	7	25690	18920	200.0	.	.	0	.	.	.	YES
79	2W-200	HYDROFRACT	-1	31062	16868	840.0	.	.	1	.	.	.	YES
80	4W-200W	HYDROFRACT	5	27978	16502	1152.0	.	.	1	.	.	.	YES
81	1W-237	HYDROFRACT	7	25653	18920	325.0	.	.	1	.	.	.	YES
82	2W-30	HYDROFRACT	-1	31227	16832	1050.0	.	.	1	.	.	.	YES
83	3W-300	HYDROFRACT	2	28317	17115	3263.0	.	.	0	1982	.	.	YES
84	3W-300R	HYDROFRACT	2	28327	17109	650.0	.	.	1	.	.	.	YES
85	1W-309	HYDROFRACT	7	25581	18920	333.0	.	.	1	.	.	.	YES
86	2W-400	HYDROFRACT	-1	30875	16915	840.0	.	.	1	.	.	.	YES
87	2W-600	HYDROFRACT	-1	30677	16967	977.0	.	.	1	.	.	.	YES
88	1W-79	HYDROFRACT	7	25811	18920	300.0	.	.	1	.	.	.	YES
89	2NW-400	HYDROFRACT	-1	31054	17166	780.0	.	.	1	.	.	.	YES

ORNL-DWG 90-16627



—·— Streams  
— Wag Boundaries  
— Roads  
□ Ponds

Status: October 1990

- Completed wells: 10
- ◊ Abandoned well: 1
- \* Replacement well: 1

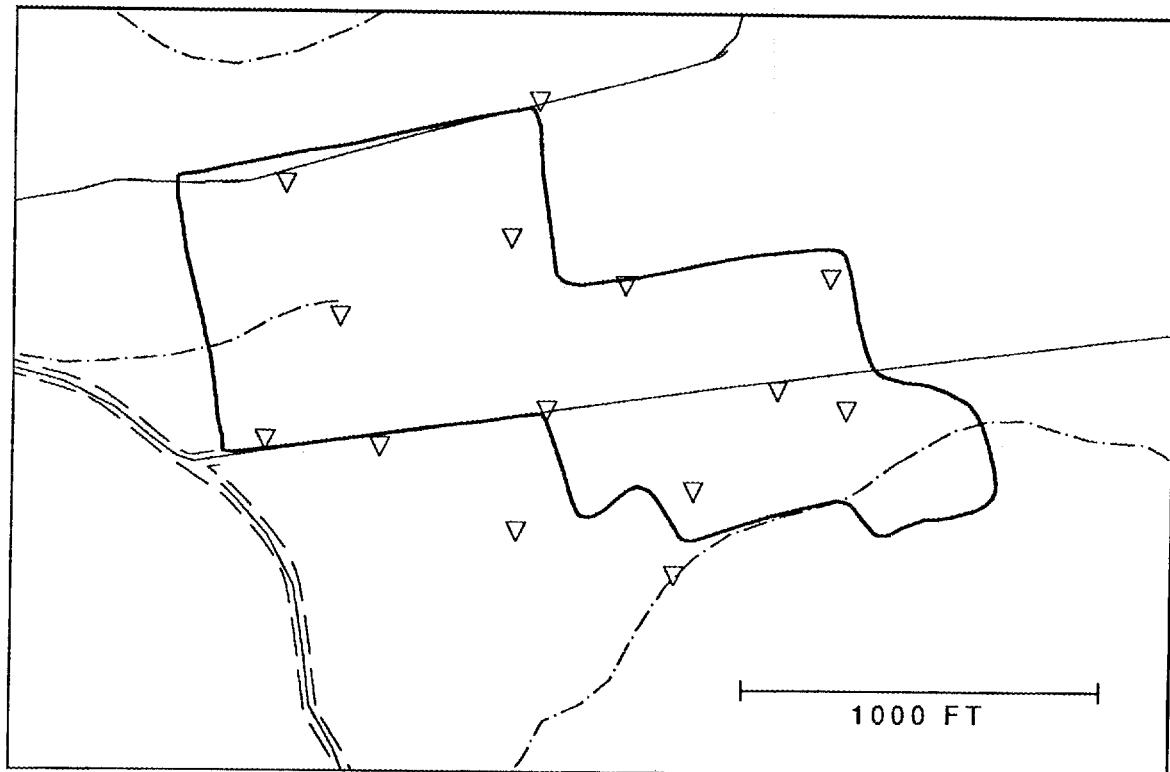
Fig. 21. Water-quality wells in WAG 11.

Table 22.

## WATER QUALITY WELLS IN WAG 11

OBS	WELL	EASTING	NORTHING	DEPTH	SAMPINT	STATUS	DESTRUCT	INSTDATE	VERI_CON
1	1139	28700.70	34507.97	33	8-33	1	.	22JAN90	YES
2	1140	28111.21	34497.98	62	32-62	1	.	05MAR90	YES
3	1141	28148.90	34488.64	97	82-97	1	.	14FEB90	YES
4	1143	27569.56	35068.41	52	38-52	1	.	06MAR90	YES
5	1144	27421.61	35339.33	122	102-122	1	.	15FEB90	YES
6	1145	27674.96	35589.35	59	38-59	1	.	15JAN90	YES
7	1146	28337.71	35704.20	117	107-117	1	.	27FEB90	YES
8	1147	28354.41	35696.50	98	78-98	1	.	29JAN90	YES
9	1148	29698.70	35000.42	67	52-67	1	.	01MAR90	YES
10	1149	29702.28	34973.56	33	18-33	1	.	01MAR90	YES
11	1246	27507.53	35090.06	71	56-71	1	.	26SEP90	YES

ORNL-DWG 90-16628



- Streams
- Wag Boundaries
- Roads
- Ponds

- WELL SYMBOLS
- ▽ Piezometer
  - + Pre-RAP
  - \* CERCLA
  - ★ TARA
  - △ Hydrostatic head
  - × Hydrofracture
  - ◇ USGS

Status: October 1990

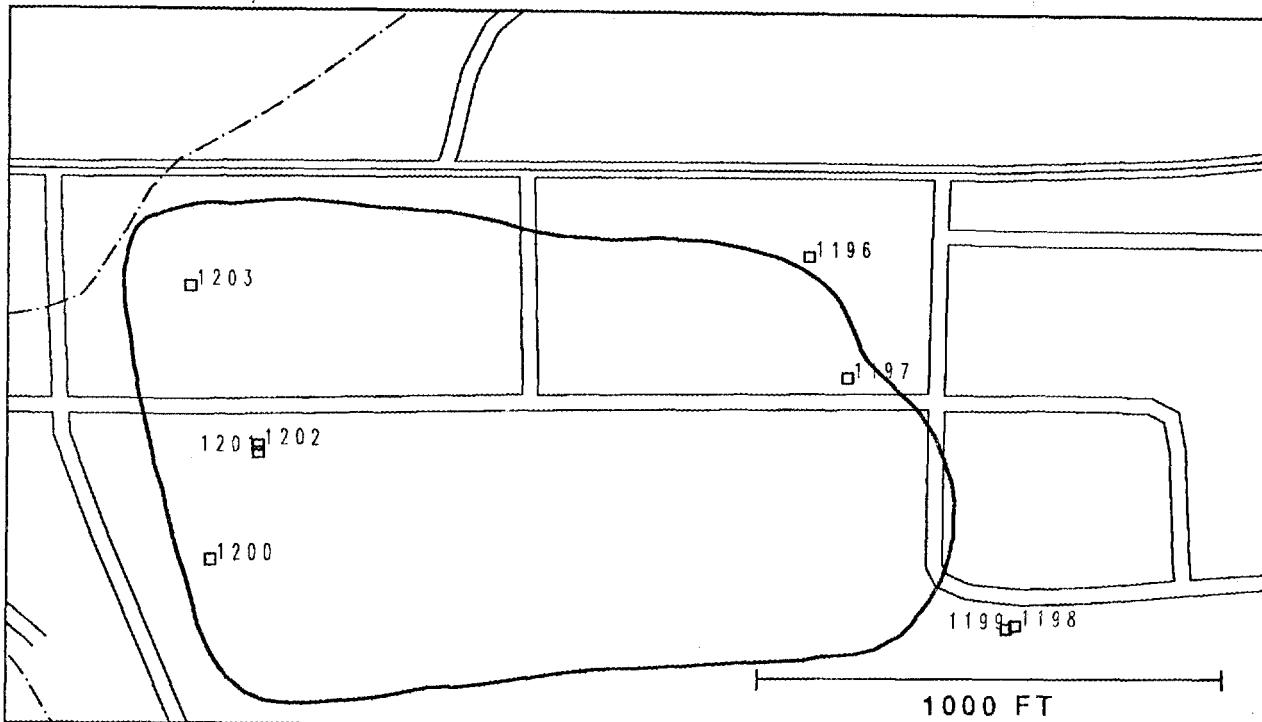
Fig. 22. Additional wells in WAG 11.

Table 23.

## NON-WATER-QUALITY WELLS WITHIN THE WAG 11 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
1	0797	PIEZOMETER	11	28376.36	34947.52	.	.	60.0	1	.	.	24DEC86	YES
2	0798	PIEZOMETER	11	27651.88	34866.72	.	.	47.0	1	.	.	29DEC86	YES
3	0799	PIEZOMETER	11	27842.50	35193.10	.	.	35.0	1	.	.	31DEC86	YES
4	0800	PIEZOMETER	11	28578.86	35280.77	.	.	73.0	1	.	.	30DEC86	YES
5	0801	PIEZOMETER	11	28282.09	35403.98	.	.	39.0	1	.	.	30DEC86	YES
6	0802	PIEZOMETER	11	28974.64	35004.40	.	.	49.9	1	.	.	31DEC86	YES
7	0803	PIEZOMETER	11	27700.93	35546.79	.	.	50.0	1	.	.	31DEC86	YES
8	0804	PIEZOMETER	-1	28351.59	35766.70	.	.	79.0	1	.	.	31DEC86	YES
9	0805	PIEZOMETER	11	27946.23	34851.31	.	.	60.0	1	.	.	26FEB87	YES
10	0907	PIEZOMETER	-1	28301.34	34632.21	.	.	75.0	1	.	.	27FEB87	YES
11	0908	PIEZOMETER	-1	28711.27	34521.08	.	.	24.0	1	.	.	27FEB87	YES
12	0909	PIEZOMETER	11	28759.86	34738.48	.	.	24.0	1	.	.	27FEB87	YES
13	0910	PIEZOMETER	11	29153.50	34953.80	.	.	29.0	1	.	.	27FEB87	YES
14	0911	PIEZOMETER	11	29109.59	35303.06	.	.	102.0	1	.	.	19MAR87	YES

ORNL-DWG 90-16629



- Streams
- Wag Boundaries
- Roads
- Ponds

Status: October 1990

Completed wells: 8

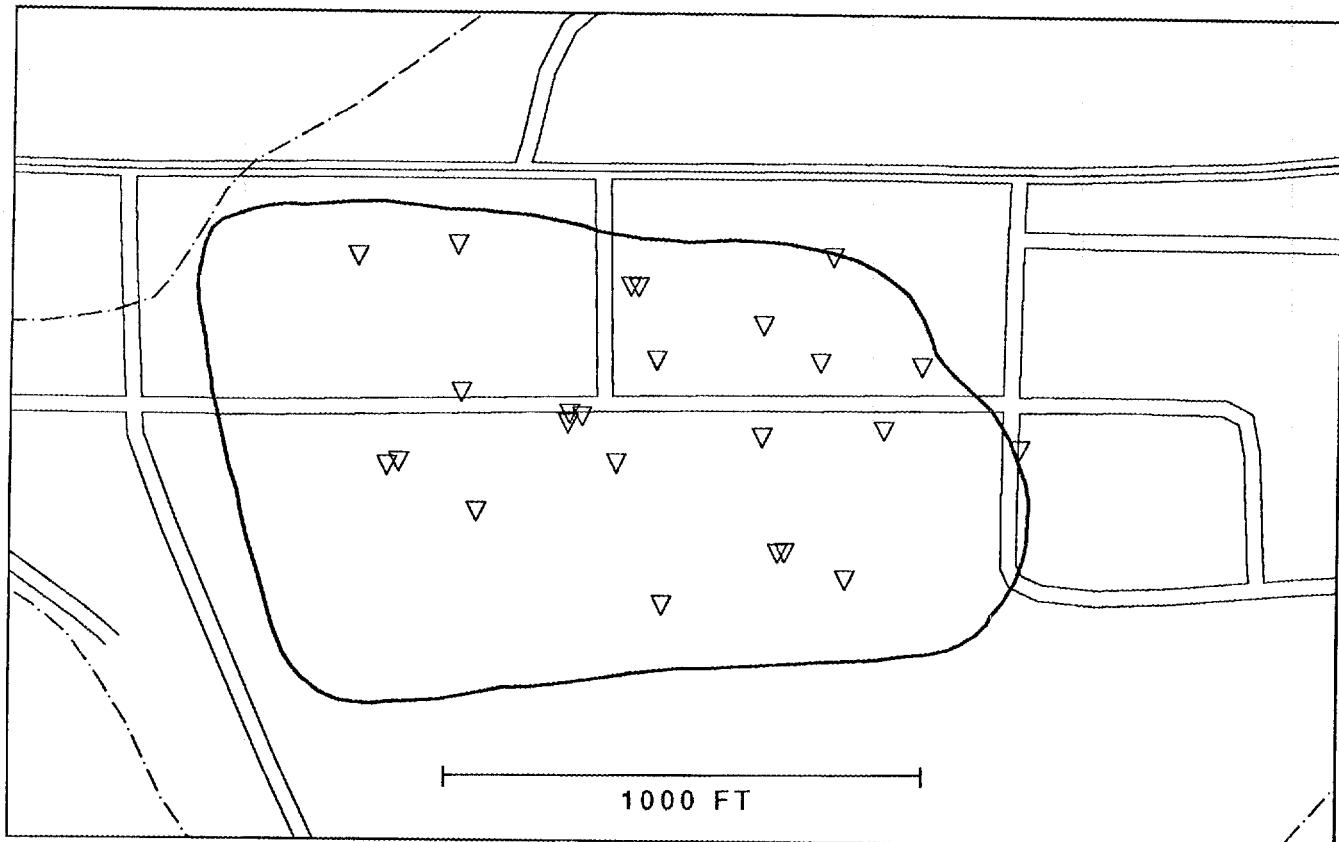
Fig. 23. Water-quality wells in WAG 17.

Table 24.

## WATER QUALITY WELLS IN WAG 17

OBS	WELL	EASTING	NORTHING	DEPTH	SAMPINT	STATUS	DESTRUCT	INSTDATE	VERI_CON
1	1196	37553.85	21988.52	18	8-18	1	.	21NOV89	YES
2	1197	37633.94	21732.70	49	34-49	1	.	28NOV89	YES
3	1198	37984.98	21214.15	43	28-43	1	.	20NOV89	YES
4	1199	37967.59	21206.57	73	53-73	1	.	15NOV89	YES
5	1200	36317.79	21339.18	40	30-40	1	.	13NOV89	YES
6	1201	36414.64	21566.89	48	38-48	1	.	08DEC89	YES
7	1202	36414.77	21581.53	20	10-20	1	.	12DEC89	YES
8	1203	36272.97	21916.39	18	8-18	1	.	05JAN90	YES

ORNL-DWG 90-16630



- Stream boundaries
- Wag Boundaries
- == Roads
- [ ] Ponds

WELL SYMBOLS	
▽	Piezometer
+	Pre-RAP
*	CERCLA
★	TARA
△	Hydrostatic head
×	Hydrofracture
◊	USGS

Status: October 1990

Fig. 24. Additional wells in WAG 17.

Table 25.

## NON-WATER-QUALITY WELLS WITHIN THE WAG 17 WINDOW

OBS	WELL	TYPE_WEL	WAG	EASTING	NORTHING	DEPTH	TDEPTH	CDEPTH	STATUS	DESTR_YR	DESTRUCT	INSTDATE	VERI_CON
1	0574	PIEZOMETER	17	36463.77	21985.05	.	.	14.5	1	.	.	19JAN87	YES
2	0586	PIEZOMETER	17	36668.47	22011.15	.	.	42.0	1	.	.	20JAN87	YES
3	0609	PIEZOMETER	17	36680.22	21696.92	.	.	33.5	1	.	.	19JAN87	YES
4	0734	PIEZOMETER	17	36713.83	21445.61	.	.	58.0	1	.	.	17FEB87	YES
5	0752	PIEZOMETER	17	36551.06	21549.36	.	.	65.0	1	.	.	13FEB87	YES
6	0753	PIEZOMETER	17	36527.90	21540.70	.	.	32.5	1	.	.	21JAN87	YES
7	0754	PIEZOMETER	17	37001.68	21548.71	.	.	34.0	1	.	.	29JAN87	YES
8	0764	PIEZOMETER	17	37026.93	21925.57	.	.	22.5	1	.	.	20JAN87	YES
9	0765	PIEZOMETER	17	37043.14	21924.09	.	.	74.0	1	.	.	11FEB87	YES
10	0769	PIEZOMETER	17	37083.11	21768.10	.	.	31.0	1	.	.	10FEB87	YES
11	0794	PIEZOMETER	17	36929.81	21647.96	.	.	12.0	0	.	01DEC88	03JUN86	YES
12	0795	PIEZOMETER	17	36901.08	21633.40	.	.	12.0	0	.	01DEC88	16JUN86	YES
13	0796	PIEZOMETER	17	36903.88	21653.93	.	.	48.0	0	.	01DEC88	17JUN86	YES
14	0895	PIEZOMETER	17	37353.74	21362.67	.	.	26.0	1	.	.	30JAN87	YES
15	0896	PIEZOMETER	17	37423.05	21765.46	.	.	68.0	1	.	.	09FEB87	YES
16	0897	PIEZOMETER	17	37448.08	21991.25	.	.	22.0	1	.	.	29JAN87	YES
17	0899	PIEZOMETER	17	37634.63	21759.16	.	.	70.0	1	.	.	05FEB87	YES
18	0900	PIEZOMETER	17	37557.88	21623.55	.	.	36.0	1	.	.	04FEB87	YES
19	0901	PIEZOMETER	-1	37838.26	21584.41	.	.	53.5	1	.	.	04FEB87	YES
20	0902	PIEZOMETER	17	37478.74	21307.57	.	.	22.0	1	.	.	29JAN87	YES
21	0903	PIEZOMETER	17	37098.38	21250.54	.	.	62.5	1	.	.	03FEB87	YES
22	0904	PIEZOMETER	17	37305.19	21843.95	.	.	45.0	1	.	.	10FEB87	YES
23	0905	PIEZOMETER	17	37303.77	21606.94	.	.	42.0	1	.	.	03FEB87	YES
24	0906	PIEZOMETER	17	37338.64	21361.76	.	.	49.0	1	.	.	06FEB87	YES

### Internal Distribution

1. L. D. Bates
2. F. P. Baxter
3. B. A. Berven
4. H. M. Braunstein
- 5-7. W. W. Chance
8. R. B. Clapp
9. J. S. Colley
10. K. W. Cook
11. J. H. Cushman
12. N. W. Durfee
13. M. P. Farrell
14. M. A. Faulkner
15. C. J. Ford
16. D. E. Fowler
17. C. W. Gehrs
18. L. F. Goins
19. C. S. Haase
20. J. L. Haymore
21. B. K. Herrington
22. S. G. Hildebrand
23. L. Holder
24. L. A. Hook
25. D. D. Huff
26. R. H. Ketelle
27. F. C. Kornegay
28. J. W. Lawson
29. R. S. Loffman
30. W. M. McMaster
31. L. E. McNeese
32. J. B. Murphy
33. C. E. Nix
- 34-35. P. T. Owen
36. D. E. Reichle
37. J. G. Rogers
38. T. H. Row
39. D. S. Shriner
40. C. L. Stair
41. S. H. Stow
42. D. W. Swindle
43. M. F. Tardiff
44. R. I. Van Hook
45. L. D. Voorhees
46. S. H. Welch
47. R. K. White
48. D. S. Wickliff
49. D. A. Wolf
50. Central Research Library
- 51-60. ER Document Management Center
- 61-75. ESD Library
76. Laboratory Records, ORNL-RC
- 77-78. Laboratory Records Department
79. ORNL Patent Section
80. ORNL Y-12 Technical Library

### External Distribution

81. G. W. Bodenstein, DOE Field Office, Oak Ridge, P. O. Box 2001, Oak Ridge, TN 37831
82. M. W. Bradley, U.S. Geological Survey, A-413 Federal Building, Nashville, TN 37203
83. K. M. Charko, Bechtel National, Inc., P.O. Box 350, Oak Ridge, TN 37831-0350
84. T. Dravecky, Bechtel National, Inc., RI/FS Team, Wing B, P. O. Box 350, Oak Ridge, TN 37831-0350
85. P. H. Edmonds, Lee Wan and Associates, 120 Jefferson Circle, Oak Ridge, TN 37830
86. J. F. Franklin, Bloedel Professor of Ecosystem Analysis, College of Forest Resources, University of Washington, Anderson Hall (AR-10), Seattle, WA 98195
87. C. Gist, DOE Field Office, Oak Ridge, P.O. Box 2001, Oak Ridge, TN 37831
88. G. M. Hornberger, Professor, Department of Environmental Sciences, University of Virginia, Charlottesville, VA 22903

89. G. Y. Jordy, Director, Office of Program Analysis, Office of Energy Research, ER-30, G-226, U.S. Department of Energy, Washington, DC 20545
90. A. S. Masvidal, Bechtel National, Inc., P.O. Box 350, Oak Ridge, TN 37831-0350
91. R. H. Olsen, Vice President for Research, University of Michigan, Medical Science Building II, #5605, 1301 East Catherine Street, Ann Arbor, MI 48109-0620
92. W. E. Murphie, SFMP Program Manager, U.S. Department of Energy, Division of Facility and Site Recommissioning (NE-23), 19901 Germantown Rd., Rt. 270 & 18, Germantown, MD 20874
93. Patrinos, Acting Director, Environmental Sciences Division, Office of Health and Environmental Research, ER-74, U.S. Department of Energy, Washington, DC, 20585
94. L. O. Pendergraft, Labat-Anderson, Inc., Information Resource Center, Administrative Record File, 1105 Broadway, Oak Ridge, TN 37830
- 95-96. S. S. Perkins, DOE Field Office, Oak Ridge, P. O. Box 2001, Oak Ridge, TN 37831
97. F. Q. Quinones, U.S. Geological Survey, A-413 Federal Building, Nashville, TN 37203
98. S. P. Riddle, DOE Field Office, Oak Ridge, P. O. Box 2001, Oak Ridge, TN 37831
99. W. Sidle, DOE Field Office, Oak Ridge, P. O. Box 2001, Oak Ridge, TN 37831
100. R. C. Sleeman, DOE Field Office, Oak Ridge, P.O. Box 2001, Oak Ridge, TN 37831
101. T. J. Wheeler, DOE Field Office, Oak Ridge, P.O. Box 2001, Oak Ridge, TN 37831
102. F. J. Wobber, Environmental Sciences Division, Office of Health and Environmental Research, Office of Energy Research, ER-74, U.S. Department of Energy, Washington, DC 20585.
103. M.C. Yurewicz, U.S. Geological Survey, A-413 Federal Building, Nashville, TN 37203.
104. Office of Assistant Manager for Energy Research and Development, DOE Field Office, Oak Ridge, P.O. Box 2001, Oak Ridge, TN 37831-8600
- 105-114. Office of Scientific and Technical Information, P.O. Box 62, Oak Ridge, TN 37831