

# **Procedures for Use of, and Drill Cores and Cuttings Available for Study at, the Lithologic Core Storage Library, Idaho National Engineering Laboratory, Idaho**

*by* Linda C. Davis, Steven R. Hannula, *and* Beverly Bowers

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## CONVERSION FACTORS

	<b>Multiply</b>	<b>By</b>	<b>To Obtain</b>
	inch (in.)	25.4	millimeter
	foot (ft)	0.3048	meter
	mile (mi)	1.609	kilometer
	square foot (ft <sup>2</sup> )	0.09290	square meter
	square mile (mi <sup>2</sup> )	2.590	square kilometer

# Procedures for Use of, and Drill Cores and Cuttings Available for Study at, the Lithologic Core Storage Library, Idaho National Engineering Laboratory, Idaho

by Linda C. Davis, Steven R. Hannula, and Beverly Bowers

## Abstract

In 1990, the U.S. Geological Survey, in cooperation with the U.S. Department of Energy, Idaho Operations Office, established the Lithologic Core Storage Library at the Idaho National Engineering Laboratory (INEL). The facility was established to consolidate, catalog, and permanently store nonradioactive drill cores and cuttings from investigations of the subsurface conducted at the INEL, and to provide a location for researchers to examine, sample, and test these materials.

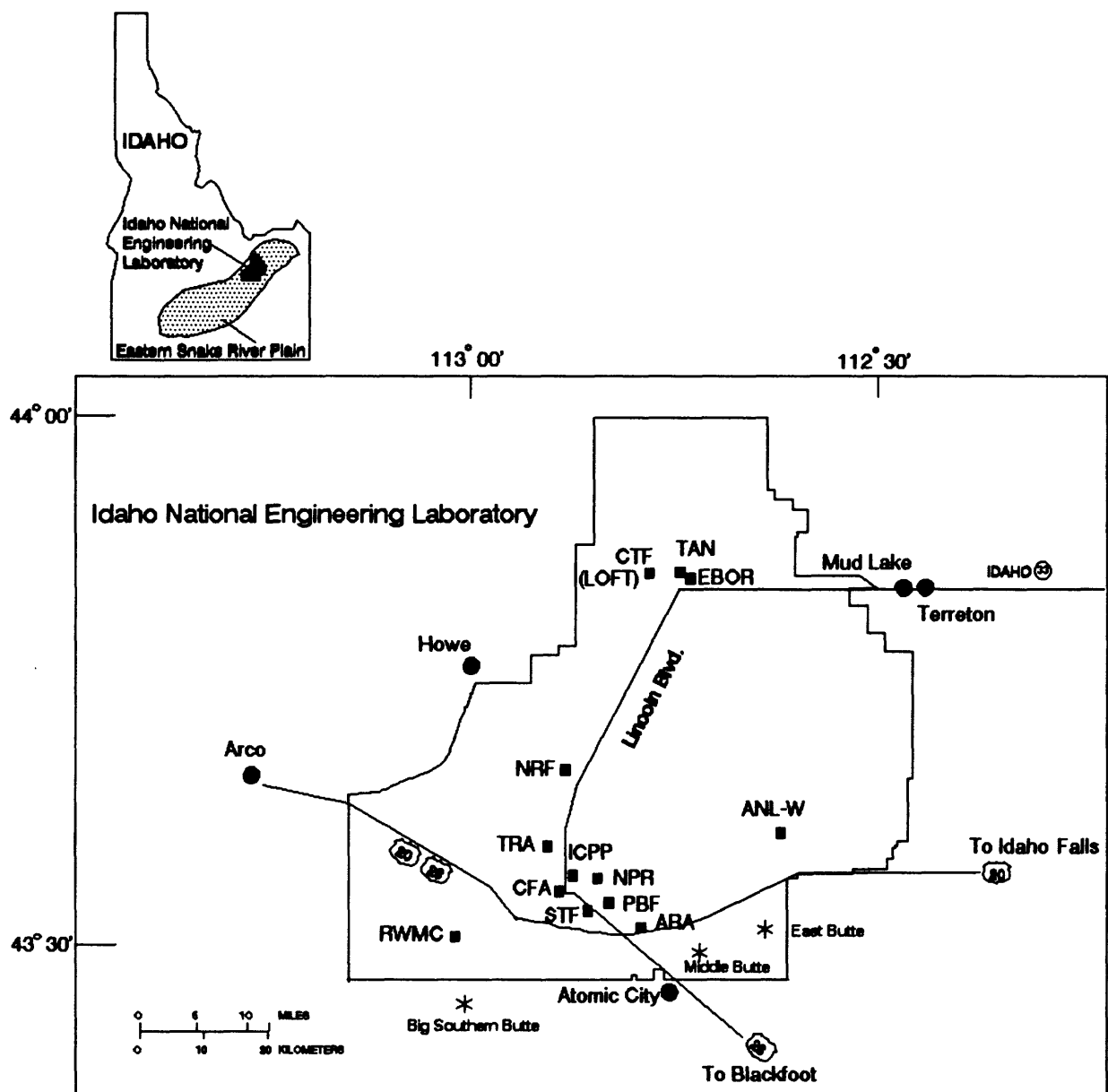
The facility is open by appointment to researchers for examination, sampling, and testing of cores and cuttings. This report describes the facility and cores and cuttings stored at the facility. Descriptions of cores and cuttings include the well names, well locations, and depth intervals available. Most cores and cuttings stored at the facility were drilled at or near the INEL, on the eastern Snake River Plain; however, two cores drilled on the western Snake River Plain are stored for comparative studies. Basalt, rhyolite, sedimentary interbeds, and surficial sediments compose the majority of cores and cuttings, most of which are continuous from land surface to their total depth. The deepest core stored at the facility was drilled to 5,000 feet below land surface. This report describes procedures and researchers' responsibilities for access to the facility, and examination, sampling, and return of materials.

## INTRODUCTION

The Idaho National Engineering Laboratory (INEL) occupies about 890 mi<sup>2</sup> of the eastern Snake River Plain in southeastern Idaho (fig. 1).

The INEL is managed by the U.S. Department of Energy (DOE) and operated by Lockheed Martin Idaho Technologies Company (LMITCO). INEL facilities are used for the development of peacetime nuclear-energy applications, nuclear-safety research, defense programs, and advanced energy investigations.

Since the 1950's, more than 500 test holes, auger holes, and wells have been drilled at the INEL to characterize hydrologic and geologic conditions in the subsurface, and to supply water to INEL facilities. Drill cores and cuttings from some of these holes and wells were stored in surplus buildings and other areas at the INEL, and at contractor facilities in Idaho Falls, Idaho, about 50 mi east of the INEL. Before 1990, no attempt had been made to consolidate, catalog, or determine the spatial distribution and physical locations of cores and cuttings available for use by researchers. Also before 1990, many boxes containing cores were left out in the weather, rendering markings on the boxes unreadable and resulting in the loss of potentially valuable technical information for future investigations. This lack of organization resulted in duplication of work and added expense because additional cores were sometimes drilled to obtain information which may have been obtained from an existing core. In 1990, the INEL Lithologic Core Storage Library, hereafter referred to as the CSL, was established to consolidate, catalog, and permanently store nonradioactive drill cores and cuttings from investigations of the subsurface at the INEL, and to provide a location for researchers to examine, sample, and test these materials. The CSL is funded by the DOE and is operated by the U.S. Geological Survey (USGS), INEL Project Office.



#### EXPLANATION

- Selected facilities at the Idaho National Engineering Laboratory
- Towns near the Idaho National Engineering Laboratory

ANL-W	Argonne National Laboratory-West	NPR	New Production Reactor
ARA	Auxiliary Reactor Area	NRF	Naval Reactors Facility
CFA	Central Facilities Area	PBF	Power Burst Facility
CTF	Contained Test Facility (formerly called Loss-of-Fluid Test Facility—LOFT)	RWMC	Radioactive Waste Management Complex
EBOR	Experimental Beryllium Oxide Reactor	STF	Security Training Facility
ICPP	Idaho Chemical Processing Plant	TAN	Test Area North
		TRA	Test Reactor Area

Figure 1. Location of the Idaho National Engineering Laboratory and selected facilities.

## Purpose and Scope

This report, prepared in cooperation with the DOE, describes the CSL, the procedures for use of the CSL, and provides a list of drill cores and cuttings currently (1996) stored at the CSL and available for study. In 1996, this list included about 50,000 ft of drill cores and several suites of drill cuttings (table 1). Most of the cores and cuttings were drilled at or near the INEL for studies of subsurface geohydrologic processes related to waste migration potential, geothermal potential, seismic potential, and characterization of the Snake River Plain aquifer. Basalt, rhyolite, and sediment compose the majority of these cores and cuttings. Two cores from the western Snake River Plain are also available for comparative studies. Petrographic thin sections, primarily from cores drilled at the Radioactive Waste Management Complex (RWMC) (fig. 1), may be examined at the CSL. This report does not provide results of analyses performed on many of these cores; however, some publications containing results are on file at the CSL. Anderson and others (1996) provide a list of data sources pertaining to many cores stored at the CSL.

## Acknowledgments

The authors gratefully acknowledge the technical reviews of this manuscript by Steven R. Anderson, USGS, Water Resources Division, and Duane E. Champion, USGS, Geologic Division. Their comments and suggestions greatly improved the quality and clarity of this report. Also, many employees of LMITCO, DOE, and Argonne National Laboratory-West provided information about the cores and cuttings stored at the CSL that completed or verified some of the information contained in this report.

## DESCRIPTION OF THE LITHOLOGIC CORE STORAGE LIBRARY

The CSL is located at the Central Facilities Area (CFA) (fig. 1), Building CFA-663. It is a 6,163-ft<sup>2</sup> building consisting of 4,110 ft<sup>2</sup> of core-storage space, 1,340 ft<sup>2</sup> of laboratory space, which includes a rock room for sample preparation, 420 ft<sup>2</sup> of office space, a 143 ft<sup>2</sup> restroom,

and a 150 ft<sup>2</sup> mechanical room for heating, cooling, plumbing, and electrical systems (fig. 2).

The core-storage area is equipped with metal racks on which pallets of cores and cuttings are stored. Most cores are packaged in waxed cardboard core boxes, each holding up to 10 ft of core. Some cores are in 5-ft long wooden boxes that hold 15 to 20 ft of core, depending on core diameter. A small forklift is used to move pallets of core on and off the racks. The core-storage area includes an examination/sampling area with several tables on which 300 to 400 ft of core may be laid out at a time. Equipment available for use in the examination/sampling area includes a hydraulic core splitter, binocular microscope, petrographic microscope, hand lenses, and an assortment of hand tools. Photographic equipment, including a large-format camera, a 35-millimeter camera, copy stand, and accessories are also available for use, although users must provide their own film and developing services.

The laboratory at the CSL is used for examining, sampling, or testing cores and cuttings stored at the CSL. Laboratory equipment includes soil-drying ovens, two oil-cooled rock saws, a drill press with coring bits 1/2 to 1 in. in diameter, petrographic microscopes, a permeameter, balances, constant-temperature water baths, a mechanical sediment shaker and sieves, and an array of standard laboratory glassware and equipment. Chemicals must be provided by the users, and a Material Safety Data Sheet must be provided to CSL personnel for each chemical brought into the laboratory.

The office is a work area for CSL personnel to manage the database and records related to core availability, core loaned for study, and previous investigations conducted on the cores. Personnel at the CSL perform many functions related to the preservation of drill cores and cuttings for scientific investigations. Chain-of-custody records are maintained and procedures followed by CSL personnel for cores for which chain-of-custody procedures were initiated at the drill site. Additionally, CSL personnel research existing information about stored cores and cuttings, and maintain core-availability data. Some publications

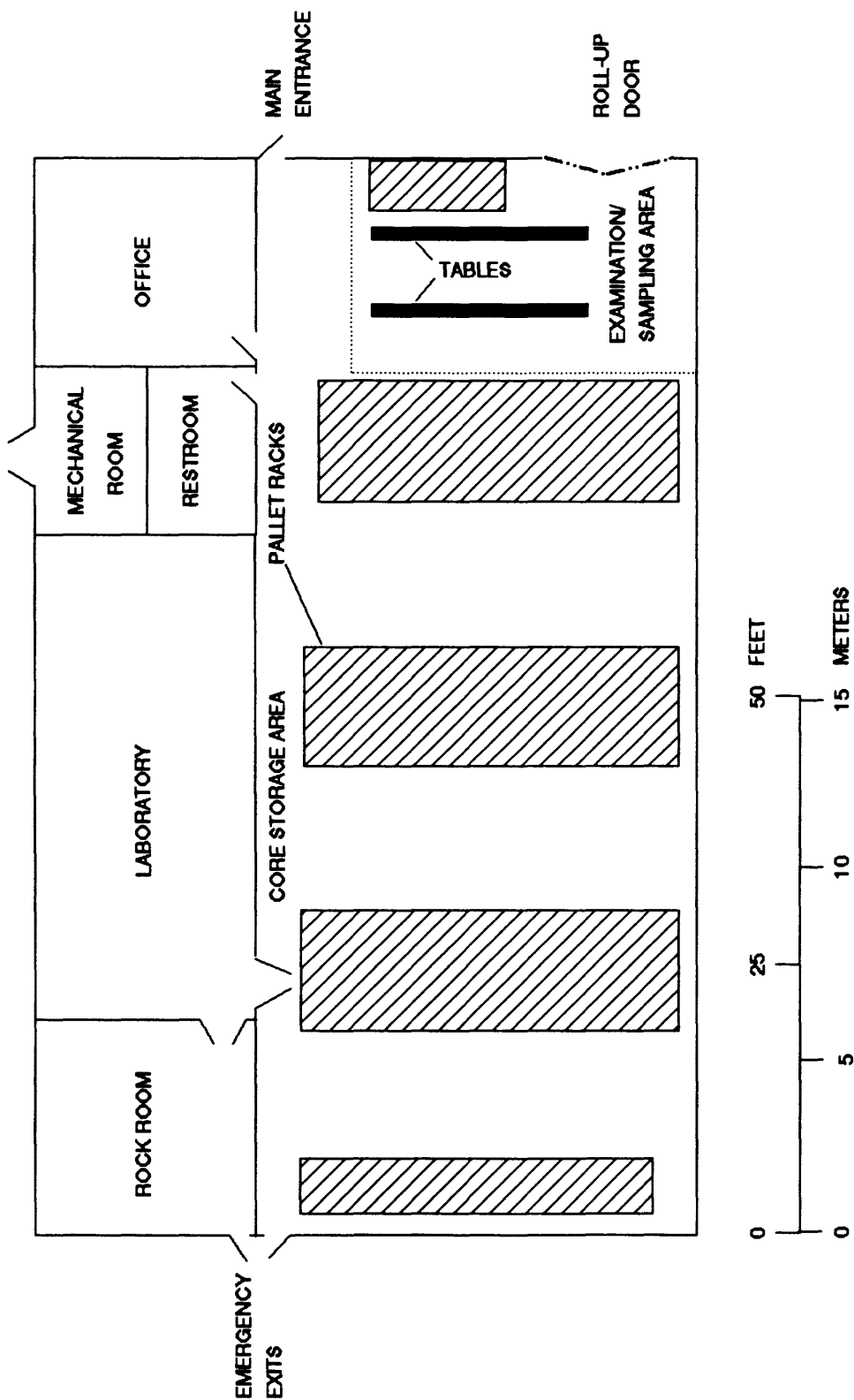


Figure 2. Lithologic Core Storage Library floor plan.

containing results of analyses performed on cores and cuttings are stored in the office area and are available for inspection.

## **PROCEDURES FOR USE OF THE LITHOLOGIC CORE STORAGE LIBRARY**

The CSL is open to researchers who have a legitimate purpose for examining, sampling, or testing cores. The INEL and the CSL are restricted-access areas, and permission to visit must be obtained prior to arrival at the INEL. Access to the CSL is by appointment only: appointments can be made by calling the CSL curator at (208) 526-2102 or (208) 526-2438. The curator usually can arrange access with INEL security; however, special arrangements must be made for non-U.S. citizens. Detailed procedures for obtaining access to the CSL and permission to sample cores and cuttings can be found in the INEL Lithologic Core Storage Library Standard Operating Procedures, SOP No.:CSL-SOP-8.1.1, which is available for inspection at the USGS Project Office at the INEL. The CSL is open Monday through Thursday, 7:30 a.m. to 5:00 p.m.; however, arrangements for alternate days and times may be made at the discretion of the curator.

Researchers must provide the curator of the CSL with a statement of proposed research detailing the purpose and scope of the project, including a description of analyses to be performed on the samples. The minimum sample size or volume needed, and whether or not the analyses will destroy the samples, must be specified. Requests for large volumes of samples that will be destroyed, and which may deplete an interval of core or cuttings, must be justified. The curator of the CSL is responsible for obtaining approval for sampling from the owner of the cores. If additional testing of samples other than that outlined in the statement of proposed research is required, written permission from the curator of the CSL or owner of the samples must be obtained prior to testing. Researchers are encouraged to do their own sampling after approval has been granted. CSL personnel are available for assistance in operating machinery and recording samples

borrowed. CSL personnel may be available to sample materials for researchers if the number of samples requested is small and arrangements are made in advance.

One copy of published reports containing results of analyses performed on materials furnished by the CSL, interpretations based on analyses, or unpublished data must be provided to the curator for inclusion in the database. CSL personnel can keep unpublished data confidential, if requested; however, because availability of data may reduce duplication of, or supplement data from other researchers, release of data is encouraged.

All borrowed samples that may be of use to other researchers must be returned to the CSL, with a description of analyses made. Portions of samples that were not used also must be returned. All samples returned must be clearly marked with the number of the well and the depth below land surface from which they were removed. Although not required, thin sections may be donated to the CSL for archiving.

## **DRILL CORES AND CUTTINGS AVAILABLE AT THE LITHOLOGIC CORE STORAGE LIBRARY**

Table 1 is a compilation of information about cores and cuttings stored at the CSL. All cores and cuttings are available for sampling provided permission has been obtained from the owner of the cores or cuttings by the curator of the CSL. All cores and cuttings are available for examination without permission of the owner. Data for table 1 were compiled from many sources, including Anderson and others (1996), Bartholomay (1990), Sehlke and others (1994), verbal communications with contractors, well completion reports and diagrams, and other documentation. Because some of the data could not be verified by the authors, or is incomplete, the reader is encouraged to contact the curator with corrections or additional data that could improve table 1. Cores and cuttings for which the locations were not found may still be valuable for tests in which location is unimportant.



Latitude and longitude were determined from maps, traditional land surveying techniques, or using the global positioning system. In this report, latitude and longitude are referenced to the North American Datum of 1927. Data supplied to the CSL in the form of northing and easting coordinates of the Idaho State Planar Coordinate System were converted to latitude and longitude using CORPSCON, 1991, version 2.1, a datum transformation program developed by the U.S. Army Engineer Topographic Laboratories.

## SUMMARY

The INEL Lithologic Core Storage Library (CSL), located in Building CFA-663, Central Facilities Area, was established in 1990 to consolidate, catalog, and permanently store nonradioactive drill cores and cuttings, mostly from the INEL subsurface, in one location. Before establishment of the CSL, cores and cuttings were stored in many locations and were not easily accessible to researchers for use. As of 1996, personnel at the CSL had identified and cataloged about 50,000 ft of drill core and cuttings which are available for examination, sampling, and testing by appointment. Some petrographic thin sections also are available for examination. In this

report, drill cores and cuttings are identified by INEL facility name or geographic location of the well, well name, depth intervals of cores and cuttings, latitude and longitude, Idaho county, and USGS quadrangle map. A description of the CSL, equipment available for use by researchers, procedures for access, examination, and sampling and return of materials are presented.

## REFERENCES CITED

- Anderson, S.R., Ackerman, D.J., Liszewski, M.J., and Freiburger, R.M., 1996, Stratigraphic data for wells at and near the Idaho National Engineering Laboratory, Idaho: U.S. Geological Survey Open-File Report 96-248 (DOE/ID-22127), 27 p., and diskette.
- Bartholomay, R.C., 1990, Digitized geophysical logs for selected wells on or near the Idaho National Engineering Laboratory, Idaho: U.S. Geological Survey Open-File Report 90-366 (DOE/ID-22088), 337 p.
- Sehlke, G., Davis, D.E., Smith, P.J., Jaacks, J.J., and Williams, S.J., 1994, Comprehensive well survey for the Idaho National Engineering Laboratory, DOE/ID-10402, revision 3, pp. 4-1-4-30.

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library

[Wells are grouped by INEL facility or geographic location. Abbreviations: ANL-W, Argonne National Laboratory-West; ARA, Auxiliary Reactor Area; CFA, Central Facilities Area; CTF, Contained Test Facility; EBOR, Experimental Beryllium Oxide Reactor; ICPP, Idaho Chemical Processing Plant; NPR, New Production Reactor; NRF, Naval Reactor Facility; NRTS, National Reactor Testing Station (currently the INEL); PBF, Power Burst Facility; RWM, Radioactive Waste Management Complex; STF, Security Training Facility; TAN, Test Area North; TRA, Test Reactor Area. Well name: the most commonly used well name is listed first; other well names used are in parentheses. Beginning footage: the shallowest depth, in feet below land surface, for which core is available. Ending footage: the deepest depth, in feet below land surface, for which core is available. Total footage: total length, in feet, of core available; cores are assumed continuous unless more than 10 ft are known to be missing, in which case intervals available are listed. Footages are rounded to the nearest tenth of a foot. Sample type: Core indicates continuous core for the depth interval specified; Cuttings indicates composite samples of chips for the depth interval specified; Sediment indicates primarily surficial sediment cores; Processed sediment indicates that the interval of sediment listed has been used in an analytical procedure; however some sediment is available for further testing. Remarks: destroyed by analysis indicates that no samples are available for testing, therefore, no total footage is listed. Latitude/Longitude: in degrees, minutes, and seconds. County: The Idaho county in which the well is located. USGS quadrangle map: USGS 7.5 minute topographic map on which the well is located. -: indicates data not found.]

	Well name	Footage			Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
		Beginning footage	Ending footage	Total footage					
ANL-W—Hot Fuel Examination Facility (HFEF)									
DH1		8.0	80.0	72.0	Core	433547	1123923	Bingham	Little Butte SW
DH2		13.5	33.5	20.0	Core	433547	1123922	Bingham	Little Butte SW
DH3		15.0	35.0	20.0	Core	433547	1123922	Bingham	Little Butte SW
DH4		18.5	51.1	32.6	Core	433547	1123921	Bingham	Little Butte SW
DH5		15.0	53.0	38.0	Core	433447	1123922	Bingham	Little Butte SW
DH6		11.0	55.0	44.0	Core	433547	1123922	Bingham	Little Butte SW
DH7		18.6	80.0	61.4	Core	433547	1123922	Bingham	Little Butte SW
DH8		15.5	49.5	34.0	Core	433547	1123921	Bingham	Little Butte SW
DH9		15.5	45.0	29.5	Core	433546	1123923	Bingham	Little Butte SW
DH10		17.0	54.5	37.5	Core	433546	1123922	Bingham	Little Butte SW
DH11		12.0	55.0	43.0	Core	433546	1123922	Bingham	Little Butte SW
DH12		14.8	34.8	20.0	Core	433546	1123922	Bingham	Little Butte SW
DH13		13.0	35.5	22.5	Core	433546	1123923	Bingham	Little Butte SW
DH14		8.0	79.0	71.0	Core	433546	1123922	Bingham	Little Butte SW
DH15		14.5	46.0	31.5	Core	433546	1123922	Bingham	Little Butte SW
DH16		13.0	35.5	22.5	Core	433546	1123921	Bingham	Little Butte SW
DH17		13.5	51.0	37.5	Core	433545	1123923	Bingham	Little Butte SW
DH18		10.0	35.0	25.0	Core	433545	1123922	Bingham	Little Butte SW
DH19		15.0	35.0	20.0	Core	433545	1123922	Bingham	Little Butte SW

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>ANL-W—Hot Fuel Examination Facility (HFEF)—continued</b>								
DH20	5.0	49.0	44.0	Core	433545	1123921	Bingham	Little Butte SW
<b>ANL-W—Industrial Waste Pond area (IWP)</b>								
ANL-IWP-M1 (ANL-M1, ANL-M01, ANL M-1)	7.0	54.0	47.0	Core	433555	1123931	Bingham	Little Butte SW
ANL-M7 (ANL-M07, ANL M-7)	46.5	60.0	13.5	Core	433548	1123929	Bingham	Little Butte SW
ANL-M8 (ANL-M08, ANL M-8)	36.0	54.5	18.5	Core	433546	1123929	Bingham	Little Butte SW
ANL-M9 (ANL-M09, ANL M-9)	37.0	55.0	18.0	Core	433545	1123928	Bingham	Little Butte SW
<b>ANL-W—Prototype Radioactive Sodium Waste Processing Facility (PRSWPF)</b>								
DH1	4.5	37.5	33.0	Core	433548	1123920	Bingham	Little Butte SW
DH2	4.5	62.5	58.0	Core	433548	1123920	Bingham	Little Butte SW
DH3	15.0	35.0	20.0	Core	433548	1123919	Bingham	Little Butte SW
DH4	17.0	92.0	75.0	Core	433548	1123918	Bingham	Little Butte SW
DH5	11.5	52.5	41.0	Core	433548	1123919	Bingham	Little Butte SW
DH6	15.2	72.0	56.8	Core	433548	1123920	Bingham	Little Butte SW
DH7	10.0	76.5	66.5	Core	433548	1123919	Bingham	Little Butte SW
DH8	10.0	90.0	80.0	Core	433548	1123919	Bingham	Little Butte SW
DH9	15.0	35.0	20.0	Core	433548	1123918	Bingham	Little Butte SW
DH10	12.0	52.5	40.5	Core	433548	1123919	Bingham	Little Butte SW
DH11	14.6	68.5	53.9	Core	433547	1123918	Bingham	Little Butte SW
DH12	8.5	77.0	68.5	Core	433547	1123920	Bingham	Little Butte SW
DH13	10.0	52.0	42.0	Core	433547	1123918	Bingham	Little Butte SW
DH14	12.5	35.0	22.5	Core	433547	1123919	Bingham	Little Butte SW
<b>ANL-W—Safety Research Experiment Facility (SAREF), also known as Safety Test Facility (STF)</b>								
CH-C7	8.0	125.0	117.0	Core	--	--	Bingham	Little Butte SW
CH-E7.90	8.0	128.0	120.0	Core	433541	1123813	Bingham	Little Butte SW
CH-F11.25	8.0	127.9	119.9	Core	433539	1123804	Bingham	Little Butte SW
CH-G4-8.05	13.0	125.0	112.0	Core	433538	1123813	Bingham	Little Butte SW

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>ANL-W—Safety Research Experiment Facility (SAREF), also known as Safety Test Facility (STF)—continued</b>								
CH-G12	9.5	125.0	115.5	Core	433537	1123802	Bingham	Little Butte SW
DH44	5.2	125.7	120.5	Core	--	--	Bingham	Little Butte SW
DH46	6.8	125.3	118.5	Core	433542	1123812	Bingham	Little Butte SW
DH48	7.5	27.0	19.5	Core	433542	1123812	Bingham	Little Butte SW
DH50	8.1	250.5	242.4	Core	433541	1123813	Bingham	Little Butte SW
DH52	7.5	50.0	42.5	Core	433541	1123812	Bingham	Little Butte SW
DH55	6.7	125.2	118.5	Core	433541	1123812	Bingham	Little Butte SW
DH57	7.6	28.0	20.4	Core	433541	1123812	Bingham	Little Butte SW
<b>ANL-W—Transient Reactor Test Facility (TREAT)</b>								
DH1	2.9	5.8	2.9	Core	--	--	Bingham	Little Butte SW
DH2	1.2	5.7	4.5	Core	433605	1124657	Bingham	Little Butte SW
DH3	1.6	6.2	4.6	Core	433605	1124657	Bingham	Little Butte SW
DH4	2.1	6.2	4.1	Core	433604	1124657	Bingham	Little Butte SW
DH5	1.6	5.8	4.2	Core	433604	1124657	Bingham	Little Butte SW
DH6	2.3	6.7	4.4	Core	433604	1124657	Bingham	Little Butte SW
DH7	1.6	5.7	4.1	Core	433604	1124657	Bingham	Little Butte SW
DH8	4.0	9.0	5.0	Core	433604	1124657	Bingham	Little Butte SW
DH9	2.5	6.5	4.0	Core	433604	1124657	Bingham	Little Butte SW
DH10	4.2	8.2	4.0	Core	433604	1124657	Bingham	Little Butte SW
DH11	2.8	6.4	3.6	Core	433604	1124658	Bingham	Little Butte SW
DH12	2.2	6.3	4.1	Core	433604	1124658	Bingham	Little Butte SW
DH13	2.2	6.0	3.8	Core	433604	1124658	Bingham	Little Butte SW
DH14	1.5	5.8	4.3	Core	433604	1124658	Bingham	Little Butte SW
DH15	2.0	7.6	5.6	Core	433604	1124658	Bingham	Little Butte SW
DH16	8.6	12.6	4.0	Core	433605	1124659	Bingham	Little Butte SW
DH17	8.5	12.5	4.0	Core	433605	1124658	Bingham	Little Butte SW

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>ANL-W—Transient Reactor Test Facility (TREAT)—continued</b>								
DH18	9.2	13.3	4.1	Core	433605	1124659	Bingham	Little Butte SW
DH19	9.5	13.3	3.8	Core	433605	1124659	Bingham	Little Butte SW
DH20	10.6	14.6	4.0	Core	433605	1124659	Bingham	Little Butte SW
DH21	2.2	6.3	4.1	Core	433604	1124659	Bingham	Little Butte SW
DH22	3.5	7.5	4.0	Core	433604	1124659	Bingham	Little Butte SW
DH23	3.5	35.0	31.5	Core	433604	1124657	Bingham	Little Butte SW
DH24	3.2	70.0	66.8	Core	433604	1124658	Bingham	Little Butte SW
DH25	4.5	35.0	30.5	Core	433604	1124658	Bingham	Little Butte SW
<b>ANL-W—miscellaneous areas</b>								
DH1	5.0	19.2	14.2	Core	--	--	Bingham	Little Butte SW
DH2	11.9	18.2	6.3	Core	--	--	Bingham	Little Butte SW
DH5	9.0	9.2	0.2	Core	--	--	Bingham	Little Butte SW
DH6	29.2	30.9	1.7	Core	--	--	Bingham	Little Butte SW
ANL-OBS-AQ-014 (ANL-1, Argonne Deep Core)	0.0	1,910.0	1,910.0	Core	433545	1123941	Bingham	Little Butte SW
EBR-II	0.0	10.0	10.0	Cuttings	--	--	Bingham	Little Butte SW
<b>ARA</b>								
ARA-COR-005 (ARA 1)	9.7	855.4	845.7	Core	433060	1124922	Butte	Circular Butte 3SE
ARA-MON-A-01 (ARA-MON-A-001)	0.0	630.0	630.0	Cuttings	433055	1124916	Butte	Circular Butte 3SE
ARA-MON-A-02 (ARA-MON-A-002)	0.0	620.0	620.0	Cuttings	433054	1124925	Butte	Circular Butte 3SE
ARA-MON-A-03A (ARA-MON-A-003A)	10.0	650.0	640.0	Cuttings	433146	1124950	Butte	Circular Butte 3SE
ARA-MON-A-04 (ARA-MON-A-004)	0.0	485.0	485.0	Cuttings	433180	1124979	Butte	Circular Butte 3SE
	585.0	665.0	80.0	Cuttings				
<b>Big Southern Butte</b>								
SOBU 950-1	13.0	1,559.0	1,546.0	Core	--	--	Butte	Big Southern Butte
USGS 124 (USGS-124)	Small piece from 361 ft. (failed coring attempt)				432306	1125832	Butte	Scoville

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
Box Canyon area (about 6 mi southeast of Arco, Idaho)								
II-2	2.0	61.1	59.1	Core	--	--	Butte	Butte City
II-4	1.5	60.1	58.6	Core	--	--	Butte	Butte City
II-5	1.2	73.7	72.5	Core	--	--	Butte	Butte City
II-6	2.5	60.0	57.5	Core	--	--	Butte	Butte City
S1	1.2	13.6	12.4	Core/30°—angle hole	--	--	Butte	Butte City
S2	1.3	17.1	15.8	Core/30°—angle hole	--	--	Butte	Butte City
S3	1.0	37.7	36.7	Core/30°—angle hole	--	--	Butte	Butte City
S4	1.0	55.4	54.4	Core/30°—angle hole	--	--	Butte	Butte City
Box Canyon area (about 6 mi southeast of Arco, Idaho)—Grout Curtain area								
Hole #1	0.0	30.6	30.6	Core	--	--	Butte	Butte City
Hole #2	0.0	29.4	29.4	Core	--	--	Butte	Butte City
Hole #3	9.1	30.0	20.9	Core/22°—angle hole	--	--	Butte	Butte City
Hole #4	0.0	30.0	30.0	Core	--	--	Butte	Butte City
Hole #5	0.0	35.3	35.3	Core	--	--	Butte	Butte City
Hole #6	0.5	29.6	29.1	Core	--	--	Butte	Butte City
Hole #7	0.0	35.0	35.0	Core	--	--	Butte	Butte City
Hole #11	6.0	46.5	40.5	Core/oriented corehole	--	--	Butte	Butte City
CFA Landfill								
LF2-2 (LF2-02)	641.0	646.0	5.0	Core	433218	1125637	Butte	Circular Butte 3SW
LF2-7 (LF2-07)	629.0	661.0	32.0	Core	433220	1125629	Butte	Circular Butte 3SW
LF2-7B	50.0	70.0	20.0	Core			Butte	Circular Butte 3SW
LF3-8 (LF3-08)	Unidentified			Core	433218	1125710	Butte	Circular Butte 3SW
CFA—Rifle Range								
Rifle Range Well	0.0	440.0	440.0	Cuttings	433244	1125908	Butte	Circular Butte 3SW

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>CTF (formerly Loss-of-Fluid Test Facility-LOFT)</b>								
LOFT-A01 (LOFT A1)	0.0	25.0	25.0	Cuttings	435143	1124340	Butte	Circular Butte
LOFT-A02 (LOFT A2)	0.0	23.5	23.5	Cuttings	435141	1124335	Butte	Circular Butte
LOFT-A03 (LOFT A3)	0.0	35.0	35.0	Cuttings	435135	1124340	Butte	Circular Butte
LOFT-A04 (LOFT A4)	0.0	23.0	23.0	Cuttings	435137	1124344	Butte	Circular Butte
LOFT-A05 (LOFT A5)	0.0	28.0	28.0	Cuttings	435138	1124342	Butte	Circular Butte
LOFT-A06 (LOFT A6)	0.0	23.0	23.0	Cuttings	435139	1124342	Butte	Circular Butte
LOFT-A07 (LOFT A7)	0.0	28.5	28.5	Cuttings	435139	1124343	Butte	Circular Butte
LOFT-A08 (LOFT A8)	0.0	25.0	25.0	Cuttings	435141	1124341	Butte	Circular Butte
LOFT-A09 (LOFT A9)	0.0	23.0	23.0	Cuttings	435141	1124341	Butte	Circular Butte
LOFT-A10 (LOFT A10)	0.0	24.0	24.0	Cuttings	435140	1124341	Butte	Circular Butte
LOFT-A11 (LOFT A11)	0.0	20.0	20.0	Cuttings	435140	1124336	Butte	Circular Butte
LOFT-A12 (LOFT A12)	0.0	21.0	21.0	Cuttings	435141	1124336	Butte	Circular Butte
LOFT-A13 (LOFT A13)	0.0	19.5	19.5	Cuttings	435140	1124336	Butte	Circular Butte
LOFT-A14 (LOFT A14)	0.0	29.0	29.0	Cuttings	435138	1124337	Butte	Circular Butte
LOFT-A15 (LOFT A15)	0.0	27.0	27.0	Cuttings	435138	1124338	Butte	Circular Butte
LOFT-A16 (LOFT A16)	0.0	25.0	25.0	Cuttings	435138	1124337	Butte	Circular Butte
LOFT-A17 (LOFT A17)	0.0	20.0	20.0	Cuttings	435136	1124342	Butte	Circular Butte
LOFT-A18 (LOFT A18)	0.0	20.0	20.0	Cuttings	435136	1124342	Butte	Circular Butte
LOFT-A19 (LOFT A19)	0.0	27.0	27.0	Cuttings	435136	1124342	Butte	Circular Butte
LOFT-A20 (LOFT A20)	0.0	40.0	40.0	Cuttings	435136	1124338	Butte	Circular Butte
<b>EBOR</b>								
1	25.9	35.9	10.0	Core	--	--	Jefferson	Circular Butte
2	29.9	39.1	9.2	Core	--	--	Jefferson	Circular Butte
3	27.3	37.3	10.0	Core	--	--	Jefferson	Circular Butte
4	28.8	38.8	10.0	Core	--	--	Jefferson	Circular Butte
5	29.8	39.8	10.0	Core	--	--	Jefferson	Circular Butte

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>EBOR—continued</b>								
6	28.8	38.8	10.0	Core	--	--	Jefferson	Circular Butte
7	27.8	37.8	10.0	Core	--	--	Jefferson	Circular Butte
8	28.8	38.8	10.0	Core	--	--	Jefferson	Circular Butte
9	27.8	37.8	10.0	Core	--	--	Jefferson	Circular Butte
10	29.0	39.0	10.0	Core	--	--	Jefferson	Circular Butte
11	28.9	38.9	10.0	Core	--	--	Jefferson	Circular Butte
12	27.6	37.6	10.0	Core	--	--	Jefferson	Circular Butte
13	28.6	38.6	10.0	Core	--	--	Jefferson	Circular Butte
14	29.7	39.7	10.0	Core	--	--	Jefferson	Circular Butte
15	31.8	41.8	10.0	Core	--	--	Jefferson	Circular Butte
16	29.0	39.0	10.0	Core	--	--	Jefferson	Circular Butte
17	31.1	41.1	10.0	Core	--	--	Jefferson	Circular Butte
A-1	0.0	25.0	25.0	Cuttings	--	--	Jefferson	Circular Butte
EBOR-01	0.0	25.0	25.0	Cuttings	--	--	Jefferson	Circular Butte
<b>ICPP—corners of building 691 (proposed)</b>								
1NW	47.0	61.4	14.4	Core	433414	1125554	Butte	Circular Butte 3SW
2SE	43.5	53.1	9.6	Core	433412	1125551	Butte	Circular Butte 3SW
3M	39.3	48.9	9.6	Core	433413	1125552	Butte	Circular Butte 3SW
4NE	45.0	59.4	14.4	Core	433414	1125551	Butte	Circular Butte 3SW
5SW	39.2	53.6	14.4	Core	433412	1125554	Butte	Circular Butte 3SW
<b>ICPP—7th Bin Set</b>								
CPP DH1 7th Bin Set	44.5	114.5	70.0	Core	433419	1125549	Butte	Circular Butte 3SW
CPP DH2 7th Bin Set	43.0	63.0	20.0	Core	433419	1125549	Butte	Circular Butte 3SW
CPP DH3 7th Bin Set	45.0	64.4	19.4	Core	433419	1125549	Butte	Circular Butte 3SW
CPP DH4 7th Bin Set	45.5	68.3	22.8	Core	433418	1125549	Butte	Circular Butte 3SW



**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>ICPP—7th Bin Set—continued</b>								
CPP DH5 7th Bin Set	46.0	65.4	19.4	Core	433419	1125549	Butte	Circular Butte 3SW
CPP DH12 7th Bin Set	43.5	48.8	5.3	Core	--	--	Butte	Circular Butte 3SW
<b>ICPP—perched water wells</b>								
PW-1	100.0	125.0	25.0	Core	433349	1125608	Butte	Circular Butte 3SW
PW-2	110.0	129.0	19.0	Core	433345	1125557	Butte	Circular Butte 3SW
	215.0	220.0	5.0	Core				
PW-3	105.0	130.0	25.0	Core	433351	1125558	Butte	Circular Butte 3SW
PW-4	105.0	150.0	45.0	Core	433349	1125549	Butte	Circular Butte 3SW
PW-6	100.0	125.0	25.0	Core	433353	1125622	Butte	Circular Butte 3SW
CPP-01-2 (MW-16)	55.0	108.0	53.0	Core	433358	1125602	Butte	Circular Butte 3SW
<b>ICPP—Tank Farm area (TF)</b>								
TF-4-1 (TF-4E, CPP 33-4-1)	33.5	124.1	90.6	Core	433427	1125557	Butte	Circular Butte 3SW
TF-4-A (CPP-33-4A)	42.2	112.7	70.5	Core	433424	1125557	Butte	Circular Butte 3SW
TF-5-1 (TF-5, CPP-33-5L, CPP33-5L)	35.5	131.5	96.0	Core	433424	1125554	Butte	Circular Butte 3SW
TF-33-2-1 (TF-2, CPP-33-2, CPP33-2)	41.3	114.8	73.5	Core	433421	1125602	Butte	Circular Butte 3SW
TF-33-3-1 (TF-3, CPP 33-3, CPP33-3)	45.8	126.4	80.6	Core	433424	1125602	Butte	Circular Butte 3SW
<b>ICPP—miscellaneous areas</b>								
CPP 14-01	34.6	54.6	20.0	Core	--	--	--	--
CPP 14-03	35.5	55.5	20.0	Core	--	--	--	--
CPP 14-04A	38.7	55.0	16.3	Core	--	--	--	--
CPP 14-08	30.5	55.0	24.5	Core	--	--	--	--
CPP 14-10C	45.3	55.3	10.0	Core	--	--	--	--
CPP 37-4	34.1	105.7	71.6	Core	433425	1125547	Butte	Circular Butte 3SW
USGS 81 (USGS-081, USGS-81)	8.5	107.0	98.5	Core	433400	1125510	Butte	Circular Butte 3SW
USGS 121 (ICPP 121, USGS-121)	0.0	745.8	745.8	Core	433450	1125603	Butte	Circular Butte 3SW
USGS 121 (ICPP 121, USGS-121) A-1 through A-8 (duplicate intervals of USGS 121)	40.0	68.2	28.2	Core	433450	1125603	Butte	Circular Butte 3SW

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>ICPP—miscellaneous areas—continued</b>								
USGS 123 (ICPP 123, USGS-123)	0.0	741.7	741.7	Core	433352	1125614	Butte	Circular Butte 3SW
ICPP-COR-A-023 (CPP-CH-AQ-01)	40.7	738.6	697.9	Core	433428	1125541	Butte	Circular Butte 3SW
<b>Idaho Falls, Idaho (about 50 mi east of the CFA)</b>								
ROB-1	9.5	53.1	43.6	Core	--	--	Bonneville	--
<b>Circular Butte Landfill (CB) (proposed) (about 3 mi west of Mud Lake)</b>								
CB 20	0.0	185.0	185.0	Core	--	--	Jefferson	Antelope Butte
CB 21	0.0	155.0	155.0	Core	--	--	Jefferson	Antelope Butte
CB 22	0.0	160.0	160.0	Core	--	--	Jefferson	Antelope Butte
CB 23	0.0	163.0	163.0	Core	--	--	Jefferson	Antelope Butte
<b>Mud Lake Landfill (ML) (about 1 mi northwest of Mud Lake)</b>								
ML-1	0.0	90.0	90.0	Cuttings	--	--	Jefferson	Antelope Butte
	95.0	153.0	58.0	Core				
<b>Mountain Home Air Force Base, Idaho (about 165 mi southwest of the CFA)</b>								
MHTH-1 (Mountain Home Test Hole 1, MHAB-1, Mountain Home Air Force Base 1)	1,325.0	4,403.0	3,078.0	Core	--	--	Elmore	Crater Rings SE
<b>NPR</b>								
A-26	4.5	240.0	235.5	Core/45 °-angle hole	433455	1125224	Butte	Circular Butte 3SW
DC-1	2.1	300.0	297.9	Core	433453	1125223	Butte	Circular Butte 3SW
DC-2	3.1	296.9	293.8	Core	433452	1125221	Butte	Circular Butte 3SW
DC-3	1.5	300.1	298.6	Core	433450	1125220	Butte	Circular Butte 3SW
DC-4	3.5	300.0	296.5	Core	433448	1125218	Butte	Circular Butte 3SW
F-1	4.0	200.0	196.0	Core	433505	1125234	Butte	Circular Butte 3SW
F-2	2.4	50.0	47.6	Core	433405	1125237	Butte	Circular Butte 3SW
F-3	12.7	50.0	37.3	Core	433404	1125236	Butte	Circular Butte 3SW
F-4	1.7	50.0	48.3	Core	433502	1125235	Butte	Circular Butte 3SW
F-5	2.0	50.1	48.1	Core	433504	1125233	Butte	Circular Butte 3SW
F-6	5.3	50.4	45.1	Core	433505	1125231	Butte	Circular Butte 3SW

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>NPR—continued</b>								
F-7	12.5	50.1	37.6	Core	433506	1125232	Butte	Circular Butte 3SW
F-8	1.0	50.0	49.0	Core	433508	1125233	Butte	Circular Butte 3SW
F-9	4.0	50.4	46.4	Core	433507	1125235	Butte	Circular Butte 3SW
F10	1.7	50.2	48.5	Core	433507	1125243	Butte	Circular Butte 3SW
F11	13.0	50.0	37.0	Core	433500	1125236	Butte	Circular Butte 3SW
F12	16.4	50.0	33.6	Core	433505	1125227	Butte	Circular Butte 3SW
F13	1.5	50.0	48.5	Core	433512	1125234	Butte	Circular Butte 3SW
F14	0.0	50.0	50.0	Core	433458	1125239	Butte	Circular Butte 3SW
IC-5	4.5	170.0	165.5	Core	433455	1125221	Butte	Circular Butte 3SW
IC-7	1.5	170.3	168.8	Core	433451	1125218	Butte	Circular Butte 3SW
IC-10	4.3	170.0	165.7	Core	433451	1125223	Butte	Circular Butte 3SW
IC-12	2.5	170.0	167.5	Core	433448	1125220	Butte	Circular Butte 3SW
S17	8.5	100.0	91.5	Core	433456	1125222	Butte	Circular Butte 3SW
NPR Test (SITE E, NPR-E)	6.8	609.2	602.4	Core	433449	1125231	Butte	Circular Butte 3SW
NPR W-01 (W01, W0-1)	414.5	526.9	112.4	Core	433451	1125231	Butte	Circular Butte 3SW
NPR W-02 (W02, W0-2)	525.0	734.0	209.0	Core	433451	1125232	Butte	Circular Butte 3SW
NPR W-02 (W02 (deepened))	620.0	4995.7	4375.7	Core	433451	1125232	Butte	Circular Butte 3SW
<b>NRF</b>								
NRF #6P (NRF 6P)	11.0	500.2	489.2	Core	433910	1125501	Butte	Circular Butte 3NW
NRF #7P (NRF 7P)	25.0	500.0	475.0	Core	433920	1125436	Butte	Circular Butte 3NW
NRF 89-01	0.0	38.0	38.0	Core	--	--	Butte	Circular Butte 3NW
NRF 89-02	0.0	42.0	42.0	Core	--	--	Butte	Circular Butte 3NW
NRF 89-03	0.0	34.0	34.0	Core	--	--	Butte	Circular Butte 3NW
NRF 89-04	0.0	248.0	248.0	Core	433900	1125451	Butte	Circular Butte 3NW
NRF 89-05	0.0	241.5	241.5	Core	433855	1125450	Butte	Circular Butte 3NW
SL 1	30.0	35.0	5.0	Core	--	--	Butte	Circular Butte 3NW

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>NRF—continued</b>								
SL 2	28.5	33.5	5.0	Core	--	--	Butte	Circular Butte 3NW
SL 3	42.5	47.5	5.0	Core	--	--	Butte	Circular Butte 3NW
SL 4	40.0	45.0	5.0	Core	--	--	Butte	Circular Butte 3NW
B1-2	33.0	43.0	10.0	Core	--	--	Butte	Circular Butte 3NW
B2-2	34.0	44.0	10.0	Core	--	--	Butte	Circular Butte 3NW
B3-2	45.5	67.5	22.0	Core	--	--	Butte	Circular Butte 3NW
B4-2	36.0	58.0	22.0	Core	--	--	Butte	Circular Butte 3NW
B5-2	39.0	59.3	20.3	Core	--	--	Butte	Circular Butte 3NW
B6-2	2.0	12.0	10.0	Core	--	--	Butte	Circular Butte 3NW
B7-2	0.0	10.5	10.5	Core	--	--	Butte	Circular Butte 3NW
B8-2	7.0	14.0	7.0	Core	--	--	Butte	Circular Butte 3NW
B9-2	28.0	50.0	22.0	Core	--	--	Butte	Circular Butte 3NW
B10-2	43.0	65.0	22.0	Core	--	--	Butte	Circular Butte 3NW
B11-2	36.0	58.0	22.0	Core	--	--	Butte	Circular Butte 3NW
B12-2	4.0	9.0	5.0	Core	--	--	Butte	Circular Butte 3NW
B13-2	2.0	12.0	10.0	Core	--	--	Butte	Circular Butte 3NW
B14-2	3.0	13.0	10.0	Core	--	--	Butte	Circular Butte 3NW
B15-2	3.0	13.0	10.0	Core	--	--	Butte	Circular Butte 3NW
B16-2	40.0	50.0	10.0	Core	--	--	Butte	Circular Butte 3NW
B18-2	36.5	96.1	59.6	Core	--	--	Butte	Circular Butte 3NW
B1-1	32.0	42.0	10.0	Core	--	--	Butte	Circular Butte 3NW
B2-1	23.0	33.0	10.0	Core	--	--	Butte	Circular Butte 3NW
B3-1	23.0	34.0	11.0	Core	--	--	Butte	Circular Butte 3NW
B4-1	24.5	47.0	22.5	Core	--	--	Butte	Circular Butte 3NW
B5-1	39.5	57.0	17.5	Core	--	--	Butte	Circular Butte 3NW
B6-1	20.5	30.5	10.0	Core	--	--	Butte	Circular Butte 3NW
B7-1	26.0	36.0	10.0	Core	--	--	Butte	Circular Butte 3NW

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>NRF—continued</b>								
B8-1	34.6	56.6	22.0	Core	--	--	Butte	Circular Butte 3NW
B9-1	31.5	41.5	10.0	Core	--	--	Butte	Circular Butte 3NW
B10-1	26.0	38.0	12.0	Core	--	--	Butte	Circular Butte 3NW
B11-1	31.0	52.3	21.3	Core	--	--	Butte	Circular Butte 3NW
B12-1	21.0	43.0	22.0	Core	--	--	Butte	Circular Butte 3NW
B13-1	21.0	31.5	10.5	Core	--	--	Butte	Circular Butte 3NW
B14-1	23.5	33.5	10.0	Core	--	--	Butte	Circular Butte 3NW
B15-1	24.5	34.5	10.0	Core	--	--	Butte	Circular Butte 3NW
B16-1	34.0	56.0	22.0	Core	--	--	Butte	Circular Butte 3NW
B17-1	50.2	59.0	8.8	Core	--	--	Butte	Circular Butte 3NW
B18-1	33.0	250.6	217.6	Core	--	--	Butte	Circular Butte 3NW
S5G Prod.	10.0	1,340.0	1,330.0	Cuttings	--	--	Butte	Circular Butte 3NW
<b>NRTS (currently the INEL)—unknown areas</b>								
A1	0.0	10.0	10.0	Cuttings	--	--	--	--
A2	0.0	5.0	5.0	Cuttings	--	--	--	--
A3	0.0	3.5	3.5	Cuttings	--	--	--	--
A4	0.0	4.0	4.0	Cuttings	--	--	--	--
5A	0.0	40.0	40.0	Cuttings	--	--	--	--
5B	0.0	35.0	35.0	Cuttings	--	--	--	--
5C	0.0	8.0	8.0	Cuttings	--	--	--	--
5D	0.0	58.0	58.0	Cuttings	--	--	--	--
<b>PBF</b>								
TH 23	24.7	41.5	16.8	Core	--	--	--	--
TH 27	5.8	58.5	52.7	Core	--	--	--	--
TH 28	6.4	69.0	62.6	Core	--	--	--	--
TH 32	3.8	13.6	9.8	Core	--	--	--	--

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>PBF—continued</b>								
TH 44	4.3	64.7	60.4	Core	--	--	--	--
TH 92	13.6	49.0	35.4	Core	--	--	--	--
TH 100	4.4	44.7	40.3	Core	--	--	--	--
PBF-MON-A-004 (PBF-MW-A-004)	20.0	595.0	575.0	Cuttings	--	--	--	--
PBF-MON-A-005 (PBF-MW-A-005)	15.0	545.0	530.0	Cuttings	--	--	--	--
<b>RWMC—Acid Pit area</b>								
Acid Pit-P01 (Acid Pit P1, Acid Pit perimeter penetration #1)	2.0	16.0	14.0	Sediment	432957	1130241	Butte	Big Southern Butte
Acid Pit-P02 (Acid Pit P2, Acid Pit perimeter penetration #2)	2.0	16.0	14.0	Sediment	432958	1130240	Butte	Big Southern Butte
Acid Pit-P03 (Acid Pit P3, Acid Pit perimeter penetration #3)	2.0	16.0	14.0	Sediment	432958	1130239	Butte	Big Southern Butte
Acid Pit-P04 (Acid Pit P4, Acid Pit perimeter penetration #4)	2.0	19.0	17.0	Sediment	432957	1130238	Butte	Big Southern Butte
Acid Pit-P05 (Acid Pit P5, Acid Pit perimeter penetration #5)	2.0	22.0	20.0	Sediment	432956	1130239	Butte	Big Southern Butte
Acid Pit-P06 (Acid Pit P6, Acid Pit perimeter penetration #6)	2.0	18.0	16.0	Sediment	432956	1130241	Butte	Big Southern Butte
<b>RWMC—Aquifer Stress Test and Infiltration Basin area</b>								
B03N21	6.3	171.1	164.8	Core	--	--	Butte	Big Southern Butte
B07N21	6.8	182.0	175.2	Core	--	--	Butte	Big Southern Butte
B09GN11	19.5	179.4	159.9	Core	--	--	Butte	Big Southern Butte
B10G11	11.8	178.2	166.4	Core	--	--	Butte	Big Southern Butte
B10N21	69.7	174.2	104.5	Core	--	--	Butte	Big Southern Butte
B14N21	5.1	176.6	171.5	Core	--	--	Butte	Big Southern Butte

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>RWMC—Burial Ground (BG), currently the Subsurface Disposal Area (SDA)</b>								
BG-76-1 (76-1)	84.7	125.5	40.8	Core	433004	1130304	Butte	Arco Hills SE
BG-76-2 (76-2)	205.9	245.8	39.9	Processed sediment				
	18.1	152.6	134.5	Core	432960	1130253	Butte	Big Southern Butte
	218.0	222.0	4.0	Core				
BG-76-3 (76-3)	223.0	243.9	20.9	Processed sediment				
	22.2	95.0	72.8	Core	432959	1130306	Butte	Big Southern Butte
	99.3	119.7	20.4	Processed sediment				
	120.0	130.8	10.8	Core				
	216.0	221.8	5.8	Core				
BG-76-4 (76-4)	223.6	240.4	16.8	Processed sediment				
	11.2	114.2	103.0	Core	432955	1130248	Butte	Big Southern Butte
	232.3	234.9	2.6	Processed sediment				
BG-76-4A (76-4A)	11.2	101.3	90.1	Core	432956	1130248	Butte	Big Southern Butte
	196.8	226.0	29.2	Core				
	226.0	243.4	17.4	Processed sediment				
BG-76-5 (76-5)	10.0	122.0	112.0	Core	433004	1130254	Butte	Arco Hills SE
	95.9	121.2	25.3	Processed sediment				
	211.3	219.8	8.5	Core				
	223.7	241.2	17.5	Processed sediment				
BG-76-6 (76-6)	9.1	243.6	234.5	Core	432954	1130222	Butte	Big Southern Butte
BG-77-1 (77-1)	6.0	598.0	592.0	Core	433014	1130242	Butte	Arco Hills SE
BG-77-2 (77-2)	19.8	87.0	67.2	Core	433002	1130300	Butte	Arco Hills SE
	193.0	202.2	9.2	Core				
	23.0	78.0	55.0	Core	432957	1130237	Butte	Arco Hills SE
RWMC-78-1 (78-1)	4.7	97.0	92.3	Core	433004	1130226	Butte	Arco Hills SE
RWMC-78-2 (78-2)	106.0	230.1	124.1	Core				
	230.1	243.1	13.0	Processed sediment				

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>RWMC—Burial Ground (BG), currently the Subsurface Disposal Area (SDA)—continued</b>								
RWMC-78-3 (78-3)	5.5	224.5	219.0	Core	433004	1130253	Butte	Arco Hills SE
RWMC-78-5 (78-5)	224.5	242.4	17.9	Processed sediment				
	22.0	96.7	74.7	Core	433000	1130252	Butte	Arco Hills SE
	99.0	112.4	13.4	Processed sediment				
	129.2	224.7	95.5	Core				
RWMC-79-1 (79-1)	226.5	240.3	13.8	Processed sediment				
	4.8	129.2	124.4	Core	432955	1130203	Butte	Big Southern Butte
	129.2	141.7	12.5	Processed sediment				
	142.9	236.9	94.0	Core				
RWMC-79-2 (79-2)	18.5	98.7	80.2	Core	433003	1130239	Butte	Arco Hills SE
	99.9	103.0	3.1	Processed sediment				
	106.5	222.9	116.4	Core				
	17.2	169.1	151.9	Core	432949	1130230	Butte	Big Southern Butte
USGS 91 (USGS-091, USGS-91)	235.0	251.7	16.7	Processed sediment				
	8.0	111.0	103.0	Core	432957	1130226	Butte	Big Southern Butte
	131.8	234.0	102.2	Core				
	245.0	254.0	9.0	Core				
USGS 92 (USGS-092, USGS-92)	19.3	226.4	207.1	Core	433001	1130253	Butte	Arco Hills SE
	220.5	249.7	29.2	Processed sediment				
	0.0	12.1	12.1	Processed sediment	433002	1130306	Butte	Arco Hills SE
	14.0	246.1	232.1	Core				
USGS 93A (USGS-093A, USGS-93A)	25.8	100.5	74.7	Core	433002	1130306	Butte	Arco Hills SE
	100.5	109.1	8.6	Processed sediment				
	109.5	221.7	112.2	Core				
	227.9	233.2	5.3	Processed sediment				



**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>RWMC—Burial Ground (BG), currently the Subsurface Disposal Area (SDA)—continued</b>								
USGS 94 (USGS-094, USGS-94)	12.4	96.3	83.9	Core	432957	1130250	Butte	Big Southern Butte
	112.6	223.3	110.7	Core				
	231.3	244.8	13.5	Processed sediment				
	247.0	302.3	55.3	Core				
USGS 95 (USGS-095, USGS-95)	0.0	24.0	24.0	Processed sediment	432954	1130237	Butte	Big Southern Butte
	24.0	243.0	219.0	Core				
USGS 96 (USGS-096, USGS-96)	15.0	236.3	221.3	Core	433004	1130259	Butte	Arco Hills SE
USGS 96A (USGS-096A, USGS-96A)	22.3	67.9	45.6	Core	433004	1130259	Butte	Arco Hills SE
	87.5	121.0	33.5	Core				
USGS 96B (USGS-096B, USGS-96B)	20.7	105.4	84.7	Core	433004	1130300	Butte	Arco Hills SE
	106.3	124.9	18.6	Processed sediment				
	128.8	214.5	85.7	Core				
	221.0	227.4	6.4	Processed sediment				
USGS 104 (USGS-104)	15.0	201.0	186.0	Cuttings	432856	1125608	Butte	Scoville
USGS 118 (USGS-118)	0.0	569.9	569.9	Core	432947	1130230	Butte	Big Southern Butte
RWMC-88-1D (8801D, 88-01D)	28.6	210.0	181.4	Core	432959	1130240	Butte	Big Southern Butte
	220.3	230.1	9.8	Core				
RWMC-88-02D (8802D)	6.0	206.4	200.4	Core	433001	1130232	Butte	Arco Hills SE
RWMC-89-01D (8901D)	31.6	40.9	9.3	Core	432959	1130239	Butte	Big Southern Butte
	88.8	113.0	24.2	Core				
	238.1	245.2	7.1	Core				
<b>RWMC—Cold Waste Pit</b>								
E-1	16.6	75.8	59.2	Core	--	--	Butte	Big Southern Butte
W-1	16.8	82.6	65.8	Core	--	--	Butte	Big Southern Butte
<b>RWMC—Pit 9 area</b>								
PIT-9-P01 (Pit 9 P1, SDA Pit 9 perimeter penetration #1)	2.0	20.0	18.0	Sediment	433002	1130224	Butte	Arco Hills SE

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>RWMC—Pit 9 area—continued</b>								
PIT-9-P02 (Pit 9 P2, SDA Pit 9 perimeter penetration #2)	2.0	16.0	14.0	Sediment	433003	1120223	Butte	Arco Hills SE
PIT-9-P03 (Pit 9 P3, SDA Pit 9 perimeter penetration #3)	2.0	8.0	6.0	Sediment	433005	1130224	Butte	Arco Hills SE
PIT-9-P04 (Pit 9 P4, SDA Pit 9 perimeter penetration #4)	2.0	16.0	14.0	Sediment	433001	1130224	Butte	Arco Hills SE
PIT-9-P05 (Pit 9 P5, SDA Pit 9 perimeter penetration #5)	2.0	20.0	18.0	Sediment	433001	1130226	Butte	Arco Hills SE
PIT-9-P06 (Pit 9 P6, SDA Pit 9 perimeter penetration #6)	2.0	4.0	2.0	Sediment	433004	1130225	Butte	Arco Hills SE
PIT-9-P07 (Pit 9 P7, SDA Pit 9 perimeter penetration #7)	2.0	14.0	12.0	Sediment	433003	1130226	Butte	Arco Hills SE
PIT-9-P08 (Pit 9 P8, SDA Pit 9 perimeter penetration #8)	2.0	14.0	12.0	Sediment	433003	1130223	Butte	Arco Hills SE
<b>RWMC—Subsurface Investigations Project (SIP)</b>								
SIP W-05	224.0	232.0	8.0	Core	--	--	Butte	--
SIP W-06	233.0	247.0	14.0	Core	--	--	Butte	--
SIP W-09	284.0	291.0	7.0	Core	--	--	Butte	--
SIP W-11	200.0	208.0	8.0	Core	--	--	Butte	--
SIP W-13	258.0	267.0	9.0	Core	--	--	Butte	--
SIP W-17 & 17A	269.0	283.0	14.0	Core	--	--	Butte	--
SIP W-18	248.0	257.0	9.0	Core	--	--	Butte	--
SIP W-24	209.0	213.0	4.0	Core	--	--	Butte	--
SIP TH-5	--	--	--	Core	--	--	Butte	--
SIP C-1	214.0	223.0	9.0	Core	--	--	Butte	--
D02	Miscellaneous pieces of core			Core	433003	1130239	Butte	Circular Butte 3SW
D06	Miscellaneous pieces of core			Core	433005	1130243	Butte	Circular Butte 3SW
D06A	Miscellaneous pieces of core			Core	433004	1130243	Butte	Circular Butte 3SW

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
RWMC—Subsurface Investigations Project (SIP)—continued								
D-10	96.5	221.5	125.0	Core	433004	1130304	Butte	Arco Hills SE
D-15	Miscellaneous pieces of core			Core	432955	1130312	Butte	Big Southern Butte
RWMC—miscellaneous areas								
AH-1	0.5	6.7		Sediment/destroyed by analysis	--	--	Butte	--
	9.9	10.2		Sediment/destroyed by analysis				
AH-1A	0.8	1.4		Sediment/destroyed by analysis	--	--	Butte	--
C-1 (C1)	9.5	663.5	654.0	Core	433023	1130204	Butte	Arco Hills SE
C-1A (C1A, C1-A)	7.2	1805.0	1797.8	Core	433024	1130204	Butte	Arco Hills SE
P-02	111.4	175.0	63.6	Cuttings	--	--	Butte	--
WWW#1 (WWW1, VZ6A)	9.9	265.0	255.1	Core	433005	1130333	Butte	Arco Hills SE
WWW#2 (WWW2, VZ6)	10.5	109.7	99.2	Core	433003	1130334	Butte	Arco Hills SE
STF								
STF-PIE-AQ-01	19.0	713.2	694.2	Core	433111	1125349	Butte	Circular Butte 3SW
STF-PIE-AQ-02	10.5	549.5	539.0	Core	433127	1125332	Butte	Circular Butte 3SW
Sugar City, Idaho (about 70 mi northeast of the CFA)								
Sugar City Exploration Well (Corehole 3)	0.0	2,283.0	2,283.0	Core	--	--	Madison	--
TAN								
TCH #1 (TAN CH1, TCH-1)	46.0	600.0	554.0	Core	435058	1124234	Butte	Circular Butte
TCH #2 Piezo A (TAN CH2, TCH-2)	47.4	1,113.5	1,066.1	Core	435033	1124217	Butte	Circular Butte
GIN #1 (GIN-1,GIN-01)	10.0	372.0	362.0	Cuttings	434947	1124143	Butte	Circular Butte
GIN #2 (GIN-2, GIN-02)	10.0	402.0	392.0	Cuttings	434949	1124134	Jefferson	Circular Butte
GIN #3 (GIN-3, GIN-03)	10.0	375.0	365.0	Cuttings	434945	1124131	Jefferson	Circular Butte
GIN #4 (GIN-4, GIN-04)	10.0	306.0	296.0	Cuttings	434949	1124136	Jefferson	Circular Butte
GIN #5 (GIN-5, GIN-05)	30.5	430.2	399.7	Core	434953	1124133	Jefferson	Circular Butte

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>TAN—continued</b>								
GIN #6 (GIN-6, GIN-06)	59.0	200.1	141.1	Core	435110	1124348	Butte	Circular Butte
TAN #27	45.0	205.0	160.0	Cuttings	--	--	--	--
	205.5	249.5	44.0	Core				
TAN #28	0.0	255.0	255.0	Cuttings	--	--	--	--
TAN #29	0.0	265.0	265.0	Cuttings	--	--	--	--
TAN #30	0.0	170.0	170.0	Cuttings	--	--	--	--
TAN #30A	30.0	320.0	290.0	Cuttings	--	--	--	--
MW-2	0.0	250.0	250.0	Cuttings	--	--	--	--
USGS 126A	5.6	519.5	513.9	Core	--	--	Butte	Richard Butte
Corehole 2A (Corehole-2A, 2 -2A, Corehole 2-2A, Corehole 2)	40.0	3,000.0	2,960.0	Core	434557	1124449	Butte	Circular Butte
<b>TAN—unknown area, possibly near the Hangar</b>								
A1	42.9	57.9	15.0	Core	--	--	--	--
A2	45.3	60.3	15.0	Core	--	--	--	--
A3	40.8	50.8	10.0	Core	--	--	--	--
A4	48.0	58.0	10.0	Core	--	--	--	--
A6	44.2	54.2	10.0	Core	--	--	--	--
A7	45.0	62.0	17.0	Core	--	--	--	--
A9	45.2	60.2	15.0	Core	--	--	--	--
A10	48.7	60.7	12.0	Core	--	--	--	--
A11	42.0	52.0	10.0	Core	--	--	--	--
A12	41.5	51.5	10.0	Core	--	--	--	--
A13	44.6	54.6	10.0	Core	--	--	--	--
A14	46.1	56.1	10.0	Core	--	--	--	--
A15	48.0	58.0	10.0	Core	--	--	--	--
A16	45.8	63.8	18.0	Core	--	--	--	--
A17	43.8	53.8	10.0	Core	--	--	--	--
A18	40.1	50.1	10.0	Core	--	--	--	--

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>TAN—unknown area, possibly near the Hangar—continued</b>								
A20	45.1	55.1	10.0	Core	--	--	--	--
A21	41.8	51.8	10.0	Core	--	--	--	--
A22	40.5	50.5	10.0	Core	--	--	--	--
A24	47.1	57.1	10.0	Core	--	--	--	--
A25	41.1	51.1	10.0	Core	--	--	--	--
A26	44.2	59.2	15.0	Core	--	--	--	--
A27	42.6	52.6	10.0	Core	--	--	--	--
A28	42.1	52.1	10.0	Core	--	--	--	--
A31	39.8	49.8	10.0	Core	--	--	--	--
A32	39.9	49.9	10.0	Core	--	--	--	--
A33	40.3	50.3	10.0	Core	--	--	--	--
A34	39.5	49.5	10.0	Core	--	--	--	--
A35	41.7	51.7	10.0	Core	--	--	--	--
A36	43.3	53.3	10.0	Core	--	--	--	--
A37	41.1	51.1	10.0	Core	--	--	--	--
A38	45.0	55.0	10.0	Core	--	--	--	--
A39	43.7	53.7	10.0	Core	--	--	--	--
C1	49.0	64.0	15.0	Core	--	--	--	--
C5	42.0	52.0	10.0	Core	--	--	--	--
C7	46.0	56.0	10.0	Core	--	--	--	--
C12	44.2	54.2	10.0	Core	--	--	--	--
C14	41.5	49.5	8.0	Core	--	--	--	--
C15	42.5	57.5	15.0	Core	--	--	--	--
C22	42.5	52.5	10.0	Core	--	--	--	--
C23	42.0	51.0	9.0	Core	--	--	--	--
C24	47.5	63.5	16.0	Core	--	--	--	--
C31	41.5	65.5	24.0	Core	--	--	--	--

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>TAN—unknown area, possibly near the Hangar—continued</b>								
C32	41.5	61.5	20.0	Core	--	--	--	--
C33	45.3	55.3	10.0	Core	--	--	--	--
C34	46.4	63.4	17.0	Core	--	--	--	--
C35	47.1	57.1	10.0	Core	--	--	--	--
C36	42.2	52.2	10.0	Core	--	--	--	--
C37	47.1	57.1	10.0	Core	--	--	--	--
C38	42.6	56.6	14.0	Core	--	--	--	--
C39	41.7	51.7	10.0	Core	--	--	--	--
C40	44.2	64.2	20.0	Core	--	--	--	--
C41	42.2	52.2	10.0	Core	--	--	--	--
C42	42.0	52.0	10.0	Core	--	--	--	--
C43	41.6	51.6	10.0	Core	--	--	--	--
C44	41.7	51.7	10.0	Core	--	--	--	--
C45	41.2	51.2	10.0	Core	--	--	--	--
C46	41.7	51.7	10.0	Core	--	--	--	--
C47	41.1	51.1	10.0	Core	--	--	--	--
C48	41.1	51.1	10.0	Core	--	--	--	--
C49	41.0	51.0	10.0	Core	--	--	--	--
C50	41.3	51.3	10.0	Core	--	--	--	--
C51	40.8	50.8	10.0	Core	--	--	--	--
D1	30.2	40.2	10.0	Core	--	--	--	--
D4	38.0	58.0	20.0	Core	--	--	--	--
D5	29.0	39.0	10.0	Core	--	--	--	--
D6	32.5	42.5	10.0	Core	--	--	--	--
D8	47.0	57.0	10.0	Core	--	--	--	--
D9	29.0	39.0	10.0	Core	--	--	--	--
D10	30.5	40.5	10.0	Core	--	--	--	--

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
TAN—unknown area, possibly near the Hangar—continued								
D12	44.5	54.5	10.0	Core	--	--	--	--
D13	28.0	38.0	10.0	Core	--	--	--	--
D14	30.7	40.7	10.0	Core	--	--	--	--
D16	45.5	60.5	15.0	Core	--	--	--	--
D17	35.4	45.4	10.0	Core	--	--	--	--
D18	46.6	56.6	10.0	Core	--	--	--	--
D20	37.6	47.6	10.0	Core	--	--	--	--
D22	43.8	58.8	15.0	Core	--	--	--	--
D23	37.6	47.6	10.0	Core	--	--	--	--
D26	33.5	43.5	10.0	Core	--	--	--	--
D29	31.9	41.9	10.0	Core	--	--	--	--
D30	38.0	54.0	16.0	Core	--	--	--	--
D32	32.0	42.0	10.0	Core	--	--	--	--
D33	38.0	48.0	10.0	Core	--	--	--	--
D35	27.8	37.8	10.0	Core	--	--	--	--
D36	40.2	50.2	10.0	Core	--	--	--	--
D37	57.3	67.3	10.0	Core	--	--	--	--
D39	36.9	46.9	10.0	Core	--	--	--	--
D40	45.7	55.7	10.0	Core	--	--	--	--
D42	28.0	38.0	10.0	Core	--	--	--	--
D43	29.0	39.0	10.0	Core	--	--	--	--
D44	41.6	51.6	10.0	Core	--	--	--	--
D45	32.3	42.3	10.0	Core	--	--	--	--
D46	34.9	44.9	10.0	Core	--	--	--	--
D47	45.6	65.6	20.0	Core	--	--	--	--
D48	30.2	40.2	10.0	Core	--	--	--	--
D49	33.6	43.6	10.0	Core	--	--	--	--

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>TAN—unknown area, possibly near the Hangar—continued</b>								
D50	46.5	67.5	21.0	Core	--	--	--	--
D51	28.2	38.2	10.0	Core	--	--	--	--
D52	43.3	68.3	25.0	Core	--	--	--	--
D53	30.8	40.8	10.0	Core	--	--	--	--
D54	30.0	40.0	10.0	Core	--	--	--	--
D55	28.0	38.0	10.0	Core	--	--	--	--
D57	37.7	47.7	10.0	Core	--	--	--	--
E1	42.1	52.1	10.0	Core	--	--	--	--
E2	40.9	50.9	10.0	Core	--	--	--	--
E3	41.2	51.2	10.0	Core	--	--	--	--
E4	41.1	51.1	10.0	Core	--	--	--	--
E5	41.3	51.4	10.1	Core	--	--	--	--
E6	41.7	51.7	10.0	Core	--	--	--	--
E9	41.1	61.1	20.0	Core	--	--	--	--
E10	41.2	51.2	10.0	Core	--	--	--	--
E11	41.6	51.6	10.0	Core	--	--	--	--
E13	41.1	51.1	10.0	Core	--	--	--	--
E14	41.7	51.7	10.0	Core	--	--	--	--
<b>TRA</b>								
TRA 05/PZ1 (TRA-05, TRA-5)	59.0	297.0	238.0	Core	433453	1125749	Butte	Circular Butte 3SW
TRA 08	115.0	166.3	51.3	Core	433431	1125801	Butte	Circular Butte 3SW
	204.0	207.5	3.5	Core				
PW-7	205.0	240.0	35.0	Core	433447	1125747	Butte	Circular Butte 3SW
PW-8	150.0	183.0	33.0	Core	433457	1125721	Butte	Circular Butte 3SW
PW-11	131.5	169.6	38.1	Core	433505	1125722	Butte	Circular Butte 3SW
PW-12	133.8	141.5	7.7	Core	433510	1125749	Butte	Circular Butte 3SW
PW-13	40.2	141.9	101.7	Core	433505	1125741	Butte	Circular Butte 3SW



**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>TRA—continued</b>								
PW-14	135.4	136.2	0.8	Core	433518	1125734	Butte	Circular Butte 3SW
USGS 80	43.9	203.5	159.6	Core	433457	1125700	Butte	Circular Butte 3SW
TRA 06	24.5	100.0	75.5	Core/this core may not be from TRA	--	--	--	--
<b>TRA—Material Test Reactor-Advanced Test Reactor area, NRTS</b>								
NRTS Hole 1	41.5	100.0	58.5	Core	--	--	Butte	Circular Butte 3NW
NRTS Hole 2	53.5	75.0	21.5	Core	--	--	Butte	Circular Butte 3NW
NRTS Hole 3	59.5	75.0	15.5	Core	--	--	Butte	Circular Butte 3NW
NRTS Hole 4	45.5	75.0	29.5	Core	--	--	Butte	Circular Butte 3NW
NRTS Hole 5	39.0	100.0	61.0	Core	--	--	Butte	Circular Butte 3NW
NRTS Hole 7	42.0	75.0	33.0	Core	--	--	Butte	Circular Butte 3NW
NRTS Hole 8	34.0	75.0	41.0	Core	--	--	Butte	Circular Butte 3NW
NRTS Hole 9	35.0	81.0	46.0	Core	--	--	Butte	Circular Butte 3NW
INEL #1 (INEL-1, INEL 1)	2,340.0	2,351.0	11.0	Core	433717	1125636	Butte	Circular Butte 3SW
	2,507.0	2,515.0	8.0	Core				
	3,661.0	3,696.0	35.0	Core				
	3,768.0	3,769.0	1.0	Core				
	4,840.0	4,877.0	37.0	Core				
	9,811.0	9,812.0	1.0	Core				
	10,324.0	10,326.0	2.0	Core				
<b>Wendell, Idaho ( about 140 mi southwest of the CFA)</b>								
Wendell-RASA Test Hole	6.0	1,093.0	1,087.0	Core	--	--	Gooding	Wendell
<b>East and Middle Butte area</b>								
Corehole 1 (Exploration Well 1)	40.0	2,000.0	1,960.0	Core	432927	1124107	Bingham	Middle Butte
<b>Miscellaneous areas—on and off the INEL</b>								
CLC-3	0.0	19.0	19.0	Sediment	--	--	Butte	Arco Hills 3SW

**Table 1.** Drill cores and cuttings available at the Lithologic Core Storage Library—continued

Well name	Beginning footage	Ending footage	Total footage	Sample type/Remarks	Latitude	Longitude	County	USGS quadrangle map
<b>Miscellaneous areas—on and off the INEL—continued</b>								
CLC-4A	1.4	17.0		Sediment /destroyed by analysis	--	--	Butte	Terreton
CLC-4B	0.0	12.0	12.0	Sediment	--	--	Butte	Terreton
CLC-5	0.0	11.8	11.8	Sediment	--	--	Butte	Howe Peak
CLC-6	0.0	12.0		Sediment /destroyed by analysis	--	--	Custer	Copper Basin
CLC-7	0.0	7.5	7.5	Sediment	--	--	Custer	Copper Basin
CLC-8TR	0.0	18.0	18.0	Sediment	--	--	Butte	Arco Hills 3SW
CLC-9	0.0	16.0	16.0	Sediment	--	--	--	--
CLC-10	0.0	14.0	14.0	Sediment	--	--	--	--