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**Uranium Hydrogeochemical and Stream Sediment
Reconnaissance Data Release for the
Wyoming Portions of the Driggs, Preston,
and Ogden NTMS Quadrangles**

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URANIUM HYDROGEOCHEMICAL AND STREAM SEDIMENT
RECONNAISSANCE DATA RELEASE FOR THE WYOMING PORTIONS OF THE
DRIGGS, PRESTON, AND OGDEN NTMS QUADRANGLES

by

David E. Broxton and Henry P. Nunes

SUMMARY

This report describes work done in the Wyoming portions of the Driggs and Preston, Wyoming/Idaho, and the Ogden, Wyoming/Utah, National Topographic Map Series (NTMS) quadrangles (1:250 000 scale) by the Los Alamos Scientific Laboratory (LASL) as part of the nationwide Hydrogeochemical and Stream Sediment Reconnaissance (HSSR). The HSSR, a part of the National Uranium Resource Evaluation (NURE) program sponsored by the US Department of Energy (DOE), is designed to identify areas having higher than normal concentrations of uranium in ground waters, surface waters, and water-transported sediments. The HSSR data will ultimately be combined with data from other NURE programs (e.g., from airborne radiometric surveys and geological investigations) to prepare an improved assessment of the potential uranium resources in the US and to indicate areas favorable for uranium exploration by the private sector. The LASL is responsible for conducting the HSSR in the Rocky Mountain states of New Mexico, Colorado, Wyoming, and Montana, and in Alaska.

During the fall of 1976, 1108 water samples and 1956 sediment samples were taken from 1999 locations by a private contractor within the Wyoming portion of Driggs, Preston, and Ogden quadrangles, collectively (Fig. 1). An additional 108 water samples and 128 sediment samples (from 129 locations) were collected in the Grand Teton National Park during the fall of 1977 by staff members from the LASL. All of the samples were collected and treated according to standard specifications described in Appendix A and Sharp (1977). Uranium concentrations were determined at the LASL using standard analytical methods and procedures (Hues et al, 1977; Balestrini et al, 1976), also described briefly in Appendix A. Appendixes B-I through B-III and C-I through C-III are listings of all field and analytical data for the water and sediment samples, respectively. Appendixes D-I and D-II provide keys to codes used in the data listings. Statistical data describing the mean, range, and standard deviations of uranium concentrations are summarized by quadrangle and sample source-type in Tables I through III.

The rear pocket contains nine overlay plates, three for each of the NTMS quadrangles. The plates are arranged numerically with all those preceded by a I referring to the Driggs quadrangle; by a II, to the Preston quadrangle; and by a III, to the Ogden quadrangle. Plates I-A, II-A, and III-A are sample location overlays for each of the quadrangles; Plates I-B, II-B, and III-B are uranium concentration overlays for waters; and Plates I-C, II-C, and III-C are

Fig. 1. Location of report area.

uranium concentration overlays for sediments. All plates are at a scale of 1:250 000 and can be used in conjunction with appropriately scaled topographic and geologic maps. The sample locations and uranium data are graphically plotted on these overlays by computer, using a Universal Transverse Mercator map projection program developed at the LASL (Cheadle, 1977).

Because this is simply a data release, intended to make the data available to the DOE and the public as quickly as possible, no discussion of the geology of the region, uranium occurrences, or data evaluation is included. However, a bibliography of several papers on the geology of western Wyoming, on uranium in Wyoming, and on geochemical sampling for uranium is included. Reconnaissance reports to be prepared by another DOE laboratory will cover the complete Driggs, Preston, and Ogden NTMS quadrangles and are scheduled to be released at a later date.

TABLE I
SUMMARY OF URANIUM DATA FOR WATER AND SEDIMENT SAMPLES IN THE
WYOMING PORTION OF THE DRIGGS NTMS QUADRANGLE

A. Waters

<u>Sample Type</u>	<u>Sample Size</u>	<u>Range (ppb) Min. - Max.</u>	<u>Mean (ppb)</u>	<u>Standard Deviation</u>
All Waters	530	0.10 - 12.15	0.80	0.96
Streams	474	0.10 - 12.15	0.79	0.91
Springs	38	0.10 - 8.13	0.99	1.56
Wells	11	0.15 - 1.11	0.48	0.30
Natural Ponds	4	0.27 - 1.70	0.76	0.66
Artificial Ponds	3	0.10 - 0.38	0.22	0.15

B. Sediments

<u>Sample Type</u>	<u>Sample Size</u>	<u>Range (ppm) Min. - Max.</u>	<u>Mean (ppm)</u>	<u>Standard Deviation</u>
All Sediments	626	0.80 - 248.80	7.07	19.87
Wet Streams	481	0.80 - 248.80	7.79	21.81
Dry Streams	105	1.00 - 128.30	4.77	12.58
Springs	33	0.90 - 8.70	3.33	1.62
Wet Natural Ponds	4	1.60 - 33.70	15.78	15.94
Wet Artificial Ponds	3	2.20 - 3.80	2.83	0.85

TABLE II

SUMMARY OF URANIUM DATA FOR WATER AND SEDIMENT SAMPLES IN THE
WYOMING PORTION OF THE PRESTON NTMS QUADRANGLE

A. Waters

<u>Sample Type</u>	<u>Sample Size</u>	<u>Range (ppb)</u> <u>Min. - Max.</u>	<u>Mean (ppb)</u>	<u>Standard Deviation</u>
All Waters	461	0.10 - 50.90	1.23	3.91
Streams	373	0.10 - 39.20	1.05	2.81
Springs	54	0.10 - 4.05	0.69	0.75
Wells	21	0.10 - 50.90	5.60	13.24
Natural Ponds	4	0.10 - 0.28	0.17	0.09
Artificial Ponds	9	0.10 - 11.00	2.20	3.65

B. SEDIMENTS

<u>Sample Type</u>	<u>Sample Size</u>	<u>Range (ppm)</u> <u>Min. - Max.</u>	<u>Mean (ppm)</u>	<u>Standard Deviation</u>
All Sediments	707	1.60 - 16.50	3.06	0.99
Wet Streams	370	1.60 - 16.50	3.12	1.07
Dry Streams	247	1.60 - 10.40	3.05	0.92
Springs	60	1.60 - 6.60	2.92	0.87
Wet Natural Ponds	4	2.30 - 2.70	2.50	0.18
Wet Artificial Ponds	10	1.80 - 4.10	2.83	0.64
Dry Artificial Ponds	16	0.30 - 0.62	0.46	0.08

TABLE III

SUMMARY OF URANIUM DATA FOR WATER AND SEDIMENT SAMPLES IN THE
WYOMING PORTION OF THE OGDEN NTMS QUADRANGLE

A. Waters

<u>Sample Type</u>	<u>Sample Size</u>	<u>Range (ppb)</u> <u>Min. - Max.</u>	<u>Mean (ppb)</u>	<u>Standard Deviation</u>
All Waters	225	0.10 - 229.80	6.64	19.25
Streams	132	0.10 - 61.90	5.12	9.07
Springs	52	0.10 - 41.80	5.09	7.15
Wells	36	0.10 - 229.80	14.13	43.79
Artificial Ponds	5	0.45 - 17.70	8.69	6.91

B. SEDIMENTS

<u>Sample Type</u>	<u>Sample Size</u>	<u>Range (ppm)</u> <u>Min. - Max.</u>	<u>Mean (ppm)</u>	<u>Standard Deviation</u>
All Sediments	751	1.70 - 50.20	3.44	2.10
Wet Streams	131	1.90 - 14.10	3.81	1.48
Dry Streams	469	1.70 - 16.50	3.19	0.99
Springs	59	2.30 - 50.20	4.70	6.27
Wet Artificial Ponds	37	2.20 - 7.30	3.40	0.96
Dry Artificial Ponds	55	2.10 - 12.30	3.36	1.41

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APPENDIX A

SUMMARY OF STANDARD LASL HSSR FIELD AND ANALYTICAL PROCEDURES

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SUMMARY OF STANDARD LASL HSSR FIELD AND ANALYTICAL PROCEDURES

I. FIELD PROCEDURES

Water Sampling

Water samples are taken directly from the source wherever possible, filtered through a 0.45- μ membrane filter into one each, prewashed and sealed, 41-ml reactor "rabbit" and 25-ml vial (both polyethylene), and both are then acidified to a pH of ≤ 1 with 8N, reagent-grade, HNO_3 . All sample containers are doubly labeled with preprinted, adhesive labels carrying the same sample location number preprinted on the field data form. Springs are sampled as near to their point of emergence as possible; stream waters are taken from fast-flowing current away from the bank; ponds (including small lakes and reservoirs) are sampled from just below the surface, away from the bank; and well waters are taken near the wellhead if the well is pumping or from a holding tank if not.

Sediment Sampling (Wet or Dry)

Enough fine-grained, organic-rich, water-transported sediment to yield a composite sample of 25 g after processing (as indicated below) is taken from beneath the water level (where water exists) at three closely adjacent spots at each location. This is done with a polyethylene scoop, after the water sample (if any) is taken. The sediment is put into a new, clean, and originally sealed, rip-top polyethylene bag and properly double-labeled for delivery (with the field data form) to the contractor's drying facility. After drying at $\leq 100^\circ\text{C}$, each sample is sieved through stainless steel sieves to -100 mesh. The -100 mesh fraction is put into a prewashed, 25-ml polyethylene vial, appropriately double-labeled (using labels from the data form), and sealed for shipment to the LASL.

Field Measurements

The air temperature, taken in the shade at the time of sampling, is recorded to the nearest whole degree Celsius. The water temperature is measured in the source water and recorded to the nearest one-tenth degree Celsius. All temperature measurements are made with quality, precalibrated thermometers. The pH of the source water is measured with a calibrated, portable pH meter or multi-range pH paper, and recorded to the nearest one-tenth of a pH unit. The specific conductance ($\mu\text{mho/cm}$) of the source water is measured with a calibrated, temperature compensated (25°C) portable meter after the attached sample cup has first been rinsed three times in the source water. The scintillometer readings, taken on a flat, dry spot within a few meters of the sample location, are measured with a portable scintillometer. Two readings are recorded, the first with a radiation shield in place (blocking out ground radiation), and the second with the shield removed. The readings (in counts/s) are converted by computer to give the equivalent uranium (eU) value set forth in the data listing.

Field Observations

These represent the best subjective judgment of the field sampler on location, and include very general descriptions of the local bedrock, sediment, water, vegetation, terrain, weather, possible contaminants, and water well configuration, if applicable.

Sample Location Verification

Each contractor is supplied field maps with the desired sample types and locations symbolically premarked at the LASL. The maps are normally USGS Quadrangles (either 7.5' or 15'), but where not available, Forest Service, State Highway, or other reasonably detailed maps are provided. As each location is sampled, a unique sample location number, preprinted on transparent adhesive labels provided with the identically numbered field data forms, is pasted over the precisely marked site on the field map. The latitude and longitude of each location is computed by the sampling contractor. Every location is later checked (and corrected if necessary) at the LASL by overlaying computer-produced location plots on the field maps used. The latitudes and/or longitudes are corrected if the overlay locations are displaced by more than 300 m from the locations marked on the field maps. When a desired location cannot be sampled as specified, an alternate sample type or location as near as possible to the original one is picked, and the new sample type and/or location is/are marked on the field map and properly labeled as above.

II. ANALYTICAL PROCEDURES

Water Samples Analyzed for Uranium by Fluorometry

In a controlled laboratory environment, two NaF (98%)-LiF (2%) flux pellets are prepared and placed on a platinum dishes. The 25-ml water vial is vigorously shaken and a 0.20-ml aliquot of water is withdrawn and dropped onto a flux pellets, then evaporated under a heat lamp. The sample fluxes are then heated until fused. After they cool, they are excited with ultra-violet radiation in the fluorometer and the measured fluorescence of each is read, recorded, and put through a computer routine using standards and blanks run at the same time to obtain the two uranium concentrations. The single uranium concentration of the water samples given in the data listing is the average obtained from the duplicate aliquots. The lower limit of detection for each aliquot by the normal procedure is 0.2 ppb. Whenever the uranium concentration in a water sample run by fluorometry is given as some value less than 0.2 ppb, one of the two aliquots had a uranium concentration that was too low to detect. If the listed uranium value is 0.1 ppb, both aliquots were below the detectable limit. Analytical precision at the lower limit of detection is $\sim 30\%$; however, it improves to $\sim 10\%$ one order of magnitude above the lower limit. The basic fluorometric method as used for uranium at the LASL is described in detail by Hues et al (1977).

Water Samples Analyzed for Uranium by Delayed-Neutron Counting

Only waters with >10 ppb uranium are normally assayed using DNC. The 41-ml rabbits are thoroughly cleaned (exterior) before analysis. Samples received in 25-ml vials (used exclusively in some of the early work) are transferred to clean, labeled, 41-ml rabbits before being analyzed. Each water sample is weighed, and its weight (less that of the rabbit) and location

number are recorded. The rabbits are then loaded into a 25-sample transfer clip. The reactor pneumatic transfer system and background radiation levels are checked, and the system is calibrated using four standards. The transfer clip is installed on the pneumatic feed line, and the count control is set (typically, a 60-s irradiation, a 30-s delay, and a 60-s count are used, but this can be changed to accommodate abnormally high or low uranium concentrations). The samples are cycled through the system and the uranium concentration is automatically measured, computed in ppb, and entered into the data base. Analytical precision for those few waters analyzed by the DNC method is as good or better than that by fluorometry.

Statistical treatments of uranium concentrations obtained on the same suites of samples both by fluorometry and DNC have shown that there is no significant difference between results of the two analytical methods as used at the LASL. This analytical comparability is rechecked periodically.

Uranium Analysis of Sediment Samples

All sediment samples are analyzed for total uranium by DNC. A split of each sample (dried and sieved as described) is transferred to a clean 4-ml rabbit, weighed (less the tare), and recorded along with the appropriate location number. The readied rabbits are loaded into a 50-sample transfer clip. The reactor pneumatic transfer system and background radiation levels are checked, and the system is calibrated as above. The transfer clip is installed and the count control is set (typically, a 20-s irradiation, a 10-s delay, and a 20-s count are used). The samples are cycled through the system and the uranium concentration is automatically measured, computed in ppm, and entered into the data base. The lower detection limit for uranium in sediment analyzed by the DNC method is 0.5 ppb (not ppm) and is so low that it has never been reached with a natural sediment sample. Using the DNC method for uranium in sediments, the precision is 4% or better for all analyses.

APPENDIX B

LISTINGS OF FIELD DATA AND URANIUM CONCENTRATIONS
FOR WATER SAMPLES

APPENDIX B-I

Field Data and Uranium Concentrations for Water Samples in the
Wyoming Portion of the Driggs NTMS Quadrangle

(See Appendix D for Codes to Listings)

APPENDIX B-I. Field Data and Uranium Concentrations for Water Samples-Driggs

DOE SAMPLE NUMBER						LASI SAMPLE NUMBER AND FIELD DATA																				U CONCENTRATION									
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASI SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (cpm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	REL. HUMIDITY	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DNC (x)	UNITS IN ppb
							DATE	HOUR																											
56-43,9100-110.1797-2-06-	0-L12001-10/16/77-10-	5-10-0-C-	-	-	-	1450-	70-1-4-5-3-2-3-1-1-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25		
56-43,9078-110.1608-2-0/-	0-L12002-10/16/77-11-	9-5-0-C-	-	-	-	285-	8-1-7-3-7-3-3-1-2-3-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	
56-43,9061-110.1617-2-0/-	0-L12003-10/16/77-11-	9-4-0-C-	-	-	-	190-	6-1-7-2-7-3-2-1-2-4-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	
56-43,9025-110.1559-2-0/-	0-L12004-10/16/77-11-	10-5-0-C-	-	-	-	200-	-1-7-3-7-2-2-1-2-3-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	
56-43,9111-110.1333-2-0/-	0-L12005-10/16/77-12-	15-4-0-C-	-	-	-	90-	-1-7-4-8-2-3-1-2-1-3-4-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	
56-43,9111-110.1231-2-0/-	0-L12006-10/16/77-1-	14-4-5-	-	-	-	80-	7-1-7-1-6-3-3-1-2-5-3-4-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.35	
56-43,9214-110.0678-2-0/-	0-L12007-10/16/77-3-	15-7-0-C-	-	-	-	50-	8-2-7-5-6-3-2-1-2-4-3-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.25	
56-43,9183-110.0717-2-0/-	0-L12008-10/16/77-15-	15-3-5-	-	-	-	62-	6-4-4-5-6-2-2-1-2-4-4-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.20	
56-43,9203-110.0586-2-0/-	0-L12009-10/16/77-16-	10-5-0-C-	-	-	-	84-	-7-7-4-6-7-3-1-2-1-3-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.30	
56-43,9225-110.2072-2-07-	0-L12010-10/17/77-12-	9-3-5-	-	-	-	310-	10-2-7-6-6-2-2-1-2-5-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	
56-43,9225-110.2039-2-0/-	0-L12011-10/17/77-12-	11-4-0-C-	-	-	-	110-	12-2-7-1-7-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.70	
56-43,9508-110.2142-2-0/-	0-L12012-10/17/77-13-	16-7-0-C-	-	-	-	290-	7-1-1-5-6-7-2-2-1-2-3-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.20	
56-43,9811-110.1499-2-06-	0-L12013-10/17/77-17-	15-5-0-C-	-	-	-	85-	12-2-7-4-6-7-3-1-2-4-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.70	
56-43,9794-110.1428-2-06-	0-L12014-10/17/77-17-	5-3-0-C-	-	-	-	75-	12-2-7-3-4-2-2-1-2-5-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.35	
56-43,9783-110.1108-2-0/-	0-L12015-10/18/77-10-	8-7-0-C-	-	-	-	45-	9-4-1-5-6-2-2-1-3-5-3-3-1-	-4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00	
56-43,9792-110.1086-2-0/-	0-L12016-10/18/77-10-	9-2-0-C-	-	-	-	45-	5-2-7-2-7-3-3-1-2-3-3-1-1-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40	
56-43,9817-110.1225-2-06-	0-L12017-10/18/77-11-	4-0-0-C-	-	-	-	70-	9-2-7-4-6-7-3-1-2-4-4-4-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40	
56-43,9831-110.1200-2-0/-	0-L12018-10/18/77-11-	4-5-0-C-	-	-	-	60-	10-2-7-1-7-2-2-1-2-4-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.30	
56-43,9789-110.1636-2-0/-	0-L12019-10/18/77-13-	16-1-0-C-	-	-	-	65-	11-7-7-3-6-2-2-1-2-3-3-2-1-	-9-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40	
56-43,9200-110.5391-2-0/-	0-L12021-10/21/77-13-	15-4-0-C-	-	-	-	250-	11-1-7-4-5-1-2-1-2-2-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.50	
56-43,9081-110.4972-2-0/-	0-L12022-10/21/77-14-	12-3-0-C-	-	-	-	280-	11-2-2-8-4-8-2-2-1-2-1-3-4-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10	
56-43,9289-110.4467-2-0/-	0-L12024-10/21/77-16-	14-5-0-C-	-	-	-	190-	6-2-7-4-6-2-2-1-2-3-2-2-2-	-9-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40	
56-43,9094-110.4664-2-0/-	0-L12025-10/21/77-16-	11-8-0-C-	-	-	-	213-	7-2-7-4-6-3-2-1-2-4-2-2-2-	-9-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40	
56-43,8767-110.4878-2-0/-	0-L12026-10/21/77-17-	10-7-0-C-	-	-	-	230-	10-2-7-2-6-7-2-1-2-4-3-2-1-	-9-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30	
56-43,9483-110.4233-2-0/-	0-L12027-10/21/77-8-	3-6-0-C-	-	-	-	550-	15-4-4-7-2-2-1-2-1-3-2-2-1-	-9-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20	
56-43,9489-110.4191-2-07-	0-L12028-10/22/77-9-	8-3-0-C-	-	-	-	220-	11-2-7-5-7-2-2-1-2-1-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40	
56-43,9600-110.4111-2-0/-	0-L12029-10/22/77-9-	10-2-0-C-	-	-	-	140-	12-1-1-4-6-7-2-1-2-4-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.55	
56-43,9703-110.3700-2-0/-	0-L12031-10/22/77-11-	15-5-0-C-	-	-	-	230-	9-2-7-4-6-3-2-1-2-3-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	
56-43,9744-110.3719-2-0/-	0-L12032-10/22/77-12-	15-4-0-C-	-	-	-	195-	8-2-7-5-6-3-2-1-2-4-2-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.80	
56-43,9864-110.3231-2-0/-	0-L12033-10/22/77-13-	14-7-0-C-	-	-	-	220-	17-1-6-5-6-2-2-1-2-4-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40	
56-43,9994-110.3178-2-07-	0-L12034-10/22/77-15-	5-4-0-C-	-	-	-	200-	6-1-7-6-6-2-2-1-2-4-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	
56-43,9911-110.2999-2-0/-	0-L12036-10/23/77-10-	3-0-C-	-	-	-	170-	18-1-7-5-6-7-3-1-2-1-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	
56-43,9861-110.2993-2-0/-	0-L12037-10/23/77-10-	8-0-C-	-	-	-	190-	12-4-4-6-6-2-1-2-3-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	
56-43,9731-110.2614-2-0/-	0-L12038-10/23/77-11-	5-4-5-C-	-	-	-	850-	17-1-7-6-8-2-2-1-2-3-3-4-1-	-9-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	
56-43,9589-110.2619-2-0/-	0-L12039-10/23/77-13-	6-2-0-C-	-	-	-	410-	2-1-1-5-6-7-2-1-2-1-2-3-1-	-4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.75	
56-43,9397-110.2903-2-0/-	0-L12041-10/23/77-14-	10-6-0-C-	-	-	-	215-	6-1-7-5-6-7-3-2-2-4-4-2-1-	-9-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40	
56-43,8997-110.3586-2-0/-	0-L12046-10/23/77-16-	9-4-0-C-	-	-	-	280-	9-1-1-3-7-2-2-1-2-4-2-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.30	
56-43,8914-110.3644-2-0/-	0-L12047-10/23/77-17-	9-3-0-C-	-	-	-	295-	3-1-1-5-6-2-2-1-2-3-3-4-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.45	
56-43,8864-110.3828-2-0/-	0-L12048-10/23/77-18-	7-4-0-C-	-	-	-	270-	4-1-1-4-6-2-2-1-2-3-2-3-2-	-1-	-	-																									

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples-Driggs

DOE SAMPLE NUMBER					LASI SAMPLE NUMBER AND FIELD DATA																				U CONCENTRATION										
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASI SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	PH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (cpm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER COLOR	WATER COLOR	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEAT. SP.	OWNERSHIP	CONTRACT NAME	W. TYPE	W. DEPTH (feet)	W. TEMPERATURE	WATER TYPE	ANALYZED BY FLUOROMETRY OR DNC (+)	UNITS IN PPB	
							DATE	HOUR																											
56-43.8983-110.8628-2-0/-						0-L12064-10/26/77-15	11	7.0	-	-	-	-	-	37-	5-2-7-1-7-4-2-1-2-3-3-5-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.90	
56-43.9008-110.8678-2-0/-						0-L12065-10/26/77-16	10	5.0	-	-	-	-	-	25-	8-2-7-3-2-7-1-2-1-2-3-5-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
56-43.9089-110.8747-2-0/-						0-L12066-10/26/77-16	9	5.0	-	-	-	-	-	35-	6-2-7-3-1-7-2-2-2-1-1-2-4-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.35
56-43.9319-110.8828-2-0/-						0-L12067-10/26/77-17	9	5.0	-	-	-	-	-	110-	12-2-7-2-7-3-2-1-2-2-3-5-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25
56-43.9342-110.9058-2-0/-						0-L12068-10/27/77-10	4	3.0	-	-	-	-	-	17-	15-1-1-4-5-2-2-1-2-5-2-6-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.25
56-43.9569-110.9342-2-0/-						0-L12069-10/26/77-11	14	4.0	-	-	-	-	-	53-	5-2-7-6-6-5-2-2-1-2-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.70
56-43.9831-110.9759-2-0/-						0-L12070-10/26/77-13	14	4.5	-	-	-	-	-	235-	6-2-7-6-6-3-2-1-1-4-3-6-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40
56-43.6442-110.7722-2-0/-						0-L12071-10/18/77-18	15	8.5	-	5.5	-	-	-	33-	5-1-7-3-1-3-2-1-2-4-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00
56-43.6483-110.7525-2-0/-						0-L12072-10/19/77-8	2	0.5	-	5.7	-	-	-	72-	5-1-7-3-7-2-2-1-2-3-3-4-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25
56-43.6692-110.8754-2-0/-						0-L12074-10/19/77-16	17	2.5	-	5.4	-	-	-	165-	10-2-7-3-6-1-2-1-2-4-3-5-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00
56-43.6656-110.8539-2-0/-						0-L12075-10/19/77-17	7	2.0	-	7.1	-	-	-	110-	16-2-7-3-6-3-2-1-2-1-3-5-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.15
56-43.6664-110.8411-2-0/-						0-L12076-10/19/77-18	15	2.0	-	7.4	-	-	-	155-	14-2-7-3-6-3-2-1-2-1-3-5-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.15
56-43.6525-110.8044-2-0/-						0-L12077-10/19/77-19	8	3.5	-	7.4	-	-	-	140-	13-1-7-3-6-3-2-1-2-1-3-5-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.05
56-43.4819-110.6422-2-0/-						0-L12078-10/20/77-12	19	5.0	-	7.2	-	-	-	300-	10-4-2-7-3-2-1-2-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.65
56-43.9819-110.6400-2-0/-						0-L12079-10/20/77-12	19	5.0	-	7.5	-	-	-	258-	10-4-2-7-3-2-1-2-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25
56-43.9039-110.5892-2-0/-						0-L12082-10/20/77-13	18	8.5	-	7.8	-	-	-	130-	10-4-3-6-2-2-1-1-1-3-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.60
56-43.9269-110.5675-2-0/-						0-L12083-10/20/77-15	19	7.5	-	7.6	-	-	-	215-	12-1-1-3-7-3-2-1-2-1-3-6-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30
56-43.9250-110.5651-2-0/-						0-L12084-10/20/77-15	19	5.0	-	7.9	-	-	-	180-	5-1-1-2-7-3-2-1-2-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40
56-43.8508-110.5164-2-0/-						0-L12085-10/20/77-17	15	10.0	-	7.6	-	-	-	220-	8-1-1-3-7-3-2-1-2-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.20
56-43.7906-110.5372-2-0/-						0-L12086-10/20/77-17	15	8.5	-	7.9	-	-	-	275-	3-4-3-7-3-2-1-2-2-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.20
56-43.6653-110.6792-2-0/-						0-L12087-10/20/77-18	16	5.0	-	7.8	-	-	-	370-	4-1-2-4-4-1-2-1-2-4-3-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00
56-43.6572-110.7794-2-0/-						0-L12089-10/22/77-9	13	2.0	-	5.0	-	-	-	37-	7-1-4-2-7-3-2-1-2-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.30
56-43.6831-110.7550-2-0/-						0-L12090-10/22/77-10	17	1.0	-	5.5	-	-	-	75-	13-1-4-3-7-3-2-1-2-1-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.40
56-43.4450-110.7019-2-0/-						0-L12091-10/21/77-10	9	3.5	-	7.1	-	-	-	80-	12-2-7-2-7-3-2-1-2-1-3-5-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.65
56-43.9283-110.7031-2-0/-						0-L12092-10/21/77-10	20	5.0	-	6.7	-	-	-	45-	22-2-7-2-7-3-2-1-2-1-2-5-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.45
56-43.9131-110.7034-2-0/-						0-L12093-10/21/77-11	20	4.5	-	5.7	-	-	-	55-	10-2-7-2-7-3-2-1-2-1-2-5-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.55
56-43.8619-110.7536-2-0/-						0-L12094-10/21/77-15	9	4.0	-	5.7	-	-	-	30-	7-2-7-1-7-3-2-1-2-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.80
56-43.6936-110.7542-2-0/-						0-L12095-10/22/77-11	20	4.0	-	5.9	-	-	-	90-	22-1-4-3-6-3-2-1-2-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.15
56-43.7053-110.7537-2-0/-						0-L12096-10/22/77-12	22	4.0	-	7.5	-	-	-	38-	12-2-7-2-6-3-2-1-2-1-3-5-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.45
56-43.7197-110.7453-2-0/-						0-L12097-10/22/77-15	22	4.0	-	7.1	-	-	-	33-	6-2-7-1-6-5-2-1-2-1-2-5-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.85
56-43.7283-110.7400-2-0/-						0-L12098-10/22/77-17	20	-	-	4.5	-	-	-	17-	18-2-7-1-7-3-2-1-2-1-3-5-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.05
56-43.7478-110.7433-2-0/-						0-L12099-10/22/77-18	15	4.0	-	6.0	-	-	-	25-	10-2-7-3-7-3-2-1-2-1-3-5-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00
56-43.7100-109.2755-2-0/-						0-L12100-10/24/77-10	10	8.5	-	6.2	-	-	-	30-	7-2-7-2-6-3-2-1-2-1-3-5-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.25
56-43.7942-109.2625-2-0/-						0-L12102-10/23/77-12	13	4.0	-	5.5	-	-	-	39-	13-2-7-3-6-2-2-1-2-1-2-5-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.80
56-43.7497-110.7681-2-0/-						0-L12103-10/23/77-14	10	4.0	-	5.4	-	-	-	31-	20-2-7-1-7-4-2-1-2-1-3-5-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.90
56-43.8153-110.7553-2-0/-						0-L12104-10/23/77-16	15	4.0	-	6.0	-	-	-	23-	17-2-7-2-7-3-2-1-2-1-3-5-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.20
56-43.8181-110.7517-2-0/-						0-L12105-10/23/77-16	15	4.0	-	-	-	-	-	22-	8-2-7-1-7-3-2-1-2-3-2-5-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20
56-43.8831-110.9419-2-0/-						0-L12106-10/26/77-9	9	4.0	-	-	-	-	-	120-	10-2-1-4-6-2-2-1-2-1-3-4-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20
56-43.8858-110.9144-2-0/-						0-L12107-10/26/77-11	11	4.5	-	-	-	-	-	27-	9-2-1-2-7-3-2-1-2-1-3-6-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.60
56-43.8819-110.8939-2-0/-						0-L12108-10/26/77-11	9	4.0	-	-	-	-	-	20-	9-2-1-1-6-6-2-1-2-1-3-4-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30
56-43.9094-110.8754-2-0/-						0-L12109-10/26/77-16																													

APPENDIX B-T (continued). Field Data and Uranium Concentrations for Water Samples-Driggs

[illegible]

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples -Driggs

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																				U CONCENTRATION						
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTELLOMETER (du ppm)	DOCK TYPE	DOCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER DO DO	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	REF	WEATHER	CONTAMINANTS	WELL TYPE	WELL DEPTH (feet)	WATER DEPTH (feet)	WATER SAMPLES ANALYZED BY FLUORIMETRY OR DNC (+) UNITS IN PPB
							DATE	HOUR																								
56-43.8236-110.3453-2-0/-	0-L12179-09/06/76-14-	14-	-	-	-	5.0-	190-	12-1-7-4-6-3-3-1-2-3-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-43.8233-110.3514-2-0/-	0-L12180-09/06/76-14-	14-11.0-	-	-	-	5.9-	170-	14-1-7-4-6-3-3-1-2-3-3-3-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.72
56-43.6744-110.6654-2-0/-	0-L12181-09/07/76-12-	14-17.0-	-	-	-	5.5-	330-	14-1-7-4-6-3-3-1-2-4-3-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.17
56-43.6600-110.6893-2-0/-	0-L12182-09/07/76-12-	14-15.0-	-	-	-	5.4-	360-	14-1-7-4-6-3-3-1-2-2-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.86
56-43.7650-110.0000-2-0/-	0-L12183-09/07/76-13-	14-0.0-	-	-	-	6.1-	230-	14-1-7-4-6-3-3-1-2-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.88
56-43.7906-110.5367-2-0/-	0-L12184-09/07/76-13-	14-14.0-	-	-	-	5.1-	240-	12-1-7-4-6-3-3-1-2-2-2-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.30
56-43.8417-110.4567-2-0/-	0-L12186-09/07/76-14-	14-14.0-	-	-	-	6.2-	180-	12-1-7-4-6-3-3-1-2-2-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.31
56-43.8494-110.4154-2-0/-	0-L12189-09/07/76-14-	14-15.0-	-	-	-	5.5-	450-	14-1-7-4-6-3-3-1-1-2-2-2-1-	-1-4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24
56-43.8514-110.5034-2-0/-	0-L12191-09/07/76-15-	14-14.0-	-	-	-	6.3-	190-	9-1-7-4-6-3-3-1-2-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.58
56-43.8733-110.5744-2-0/-	0-L12193-09/07/76-16-	14-19.0-	-	-	-	6.1-	190-	14-1-7-4-6-3-3-1-2-2-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-43.7889-110.7317-2-0/-	0-L12194-09/08/76-15-	24-19.0-	-	-	-	5.2-	26-	17-1-3-4-6-3-3-1-1-3-4-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-43.7783-110.7300-2-0/-	0-L12195-09/08/76-15-	24-19.0-	-	-	-	5.1-	26-	16-1-3-4-6-3-3-1-1-3-4-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.34
56-43.7539-110.7217-2-0/-	0-L12196-09/08/76-15-	24-18.0-	-	-	-	5.3-	25-	17-1-3-4-6-3-3-1-1-3-4-1-	-1-8-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
56-43.7106-110.7302-2-0/-	0-L12198-09/08/76-16-	24-17.0-	-	-	-	5.2-	24-	14-1-7-4-6-3-3-1-2-1-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.29
56-43.6944-110.7322-2-0/-	0-L12199-09/08/76-17-	26-15.0-	-	-	-	5.5-	32-	14-1-7-4-6-3-3-1-2-2-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.07
56-43.6875-110.7317-2-0/-	0-L12200-09/08/76-17-	26-17.0-	-	-	-	5.5-	34-	14-1-7-4-6-3-3-1-2-2-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.46
56-43.6467-110.7534-2-0/-	0-L12202-09/08/76-17-	22-17.0-	-	-	-	5.6-	70-	17-1-7-5-8-3-3-1-2-2-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.98
56-43.6708-110.7525-2-0/-	0-L12203-09/08/76-17-	22-18.0-	-	-	-	5.6-	75-	14-1-7-5-8-3-3-1-1-6-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10
56-43.6467-110.7661-2-0/-	0-L12204-09/08/76-17-	22-14.0-	-	-	-	5.3-	34-	16-1-7-4-6-3-3-1-2-2-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-43.6264-110.7819-2-0/-	0-L12205-09/08/76-18-	22-14.0-	-	-	-	5.3-	40-	11-1-3-4-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.80
56-43.4597-110.1496-2-0/-	0-L12206-09/09/76-11-	18-18.0-	-	-	-	5.4-	500-	9-1-7-4-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.02
56-43.4639-110.1878-2-0/-	0-L12207-09/09/76-11-	18-12.0-	-	-	-	6.7-	380-	9-1-7-4-6-3-3-1-2-3-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00
56-43.4694-110.1986-2-0/-	0-L12208-09/09/76-11-	18-17.0-	-	-	-	6.8-	400-	9-1-7-4-6-3-3-1-2-3-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.74
56-43.4756-110.2081-2-0/-	0-L12209-09/09/76-11-	18-17.0-	-	-	-	5.5-	400-	9-1-7-4-6-3-3-1-1-3-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33
56-43.4894-110.2144-2-0/-	0-L12210-09/09/76-11-	18-18.0-	-	-	-	5.8-	500-	14-1-7-4-6-3-3-1-2-3-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.14
56-43.4903-110.2111-2-0/-	0-L12211-09/09/76-11-	18-11.0-	-	-	-	5.5-	530-	11-1-7-4-6-3-3-1-2-3-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.44
56-43.4900-110.2267-2-0/-	0-L12212-09/09/76-11-	18-14.0-	-	-	-	6.6-	1000-	14-1-7-4-6-3-3-1-2-3-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.16
56-43.4994-110.2336-2-0/-	0-L12213-09/09/76-12-	18-17.0-	-	-	-	5.4-	900-	9-1-7-4-6-3-3-1-2-3-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.80
56-43.5369-110.2257-2-0/-	0-L12214-09/09/76-12-	18-17.0-	-	-	-	6.6-	550-	14-1-7-4-6-3-3-1-2-4-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.82
56-43.5008-110.1700-2-0/-	0-L12215-09/09/76-12-	20-11.0-	-	-	-	5.3-	300-	9-1-7-4-6-3-3-1-2-3-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24
56-43.5000-110.1725-2-0/-	0-L12216-09/09/76-12-	20-12.0-	-	-	-	5.5-	330-	9-1-7-4-6-3-3-1-2-4-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.44
56-43.5208-110.1444-2-0/-	0-L12217-09/09/76-12-	20-17.0-	-	-	-	5.7-	350-	11-1-7-4-6-3-3-1-2-1-2-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.85
56-43.5214-110.1847-2-0/-	0-L12218-09/09/76-13-	20-17.0-	-	-	-	5.5-	370-	14-1-7-4-6-3-3-1-2-3-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.97
56-43.5489-110.2037-2-0/-	0-L12220-09/09/76-13-	20-	-	-	-	5.5-	400-	14-1-7-4-6-3-3-1-2-3-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.05
56-43.5000-110.0211-2-0/-	0-L12221-09/09/76-15-	20-0.0-	-	-	-	6.3-	150-	14-1-7-4-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.65
56-43.5006-110.0197-2-0/-	0-L12222-09/09/76-15-	20-0.0-	-	-	-	6.3-	390-	17-1-7-4-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.21
56-43.5114-110.0399-2-0/-	0-L12223-09/09/76-15-	20-0.0-	-	-	-	5.5-	400-	14-1-7-4-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.52
56-43.5214-110.0536-2-0/-	0-L12224-09/09/76-15-	20-18.0-	-	-	-	5.3-	130-	17-1-7-4-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.86
56-43.5200-110.0547-2-0/-	0-L12225-09/09/76-15-	20-7.0-	-	-	-	6.4-	420-	11-1-7-4-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.14
56-43.5275-110.0651-2-0/-	0-L12226-09/09/76-16-	18-0.0-	-	-	-	5.5-	390-	16-1-7-4-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10
56-43.5308-110.0733-2-0/-	0-L12227-09/09/76-16-	18-18.0-	-	-	-	5.5-	400-	19-1-7-4-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.19
56-43.5300-110.0833-2-0/-	0-L12228-09/09/76-16-	18-0.0																														

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples-Driggs

[illegible]

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[illegible]

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples-Driggs

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																			U CONCENTRATION										
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLONETER (cU Bq/ml)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DNC (α)	UNITS IN ppb
							DATE	HOUR																											
56-43,5889-110,3357-2-0/-	0-L12367-09/12/75-12-	1A-11.0-	-	-	5.5-	400-	16-1-7-4-6-3-3-1-2-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1		
56-43,5319-110,2583-2-0/-	0-L12368-09/12/75-12-	1A-10.0-	-	-	5.5-	410-	16-1-7-4-6-3-3-1-2-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	
56-43,5364-110,2861-2-0/-	0-L12369-09/12/75-13-	1A-9.0-	-	-	5.5-	400-	12-1-7-4-6-3-3-1-2-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.97	
56-43,3981-110,2903-2-0/-	0-L12370-09/12/75-13-	1A-9.0-	-	-	5.5-	570-	14-1-7-4-6-3-3-1-2-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.97	
56-43,5575-110,2956-2-0/-	0-L12371-09/12/75-13-	1A-10.0-	-	-	5.3-	340-	17-1-7-4-6-3-3-1-2-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.47	
56-43,5822-110,3375-2-0/-	0-L12373-09/12/75-13-	1A-12.0-	-	-	5.4-	420-	19-1-7-4-6-3-3-1-2-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.68	
56-43,5822-110,3406-2-0/-	0-L12374-09/12/75-13-	1A-11.0-	-	-	5.5-	600-	19-1-7-4-6-3-3-1-2-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.46	
56-43,5922-110,3828-2-0/-	0-L12375-09/12/75-13-	1A-12.0-	-	-	5.8-	1200-	9-1-7-5-6-3-3-1-2-2-2-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.67	
56-43,6028-110,4014-2-0/-	0-L12376-09/12/75-14-	1A-9.0-	-	-	5.8-	2500-	11-1-7-5-6-3-3-1-2-2-6-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.71	
56-43,5611-110,4078-2-0/-	0-L12377-09/12/75-14-	1A-9.0-	-	-	5.4-	300-	8-1-7-4-6-3-3-1-2-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.23	
56-43,5639-110,4106-2-0/-	0-L12378-09/12/75-14-	20-9.0-	-	-	5.5-	310-	8-1-7-4-6-3-3-1-2-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.58	
56-43,6044-110,4217-2-0/-	0-L12379-09/12/75-14-	1A-10.0-	-	-	5.5-	400-	4-1-7-4-6-3-3-1-2-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10	
56-43,6050-110,4459-2-0/-	0-L12380-09/12/75-14-	1A-9.0-	-	-	5.3-	200-	4-1-7-5-6-3-3-1-2-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25	
56-43,6058-110,4494-2-0/-	0-L12381-09/12/75-14-	1A-9.0-	-	-	5.3-	220-	8-1-7-5-6-3-3-1-2-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-43,6214-110,4893-2-0/-	0-L12383-09/12/75-15-	1A-10.0-	-	-	5.4-	250-	8-1-7-5-6-3-3-1-2-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-43,6397-110,5217-2-0/-	0-L12385-09/12/75-15-	1A-9.0-	-	-	5.5-	440-	4-1-7-4-6-3-3-1-2-2-2-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.90	
56-43,6272-110,5339-2-0/-	0-L12386-09/12/75-15-	1A-10.0-	-	-	5.4-	340-	8-1-7-4-6-3-3-1-2-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.14	
56-43,6397-110,5691-2-0/-	0-L12387-09/12/75-16-	1A-10.0-	-	-	5.3-	390-	9-1-7-5-6-3-3-1-2-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07	
56-43,6861-110,5819-2-0/-	0-L12389-09/12/75-17-	1A-9.0-	-	-	5.2-	320-	11-1-7-4-6-3-3-1-2-2-2-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.20	
56-43,6853-110,5797-2-0/-	0-L12390-09/12/75-17-	1A-10.0-	-	-	5.1-	270-	9-1-7-4-6-3-3-1-2-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.57	
56-43,7158-110,5675-2-0/-	0-L12391-09/12/75-17-	1A-10.0-	-	-	5.1-	270-	9-1-7-4-6-3-3-1-2-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.34	
56-43,7156-110,5236-2-0/-	0-L12392-09/12/75-17-	1A-9.0-	-	-	5.2-	290-	8-1-7-4-6-3-3-1-2-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20	
56-43,7175-110,5236-2-0/-	0-L12393-09/12/75-17-	1A-9.0-	-	-	5.1-	290-	11-1-7-4-6-3-3-1-2-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.19	
56-43,5456-110,7389-2-0/-	0-L12397-09/13/75-10-	1A-25.0-	-	-	5.4-	310-	16-1-7-5-6-3-3-1-2-2-2-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.47	
56-43,5372-110,7319-2-0/-	0-L12398-09/13/75-10-	1A-9.0-	-	-	5.3-	290-	16-1-7-5-6-3-3-1-2-4-3-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.68	
56-43,5394-110,7272-2-0/-	0-L12399-09/13/75-10-	1A-9.0-	-	-	5.5-	250-	16-1-7-5-6-3-3-1-2-4-3-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.41	
56-43,5014-110,6750-2-0/-	0-L12401-09/13/75-11-	1A-9.0-	-	-	5.2-	200-	16-1-7-5-6-3-3-1-2-4-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20	
56-43,5031-110,6742-2-0/-	0-L12402-09/13/75-11-	1A-7.0-	-	-	5.1-	190-	17-1-7-5-6-3-3-1-2-4-3-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27	
56-43,5561-110,6150-2-0/-	0-L12408-09/13/75-12-	1A-9.0-	-	-	5.6-	170-	16-1-7-4-6-3-3-1-2-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-43,5514-110,5991-2-0/-	0-L12409-09/13/75-13-	20-9.0-	-	-	5.5-	400-	16-1-7-5-6-3-3-1-2-3-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.64	
56-43,5389-110,5689-2-0/-	0-L12411-09/13/75-13-	20-9.0-	-	-	5.5-	170-	19-1-7-4-6-3-3-1-2-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.36	
56-43,5153-110,5339-2-0/-	0-L12413-09/13/75-13-	20-9.0-	-	-	5.4-	390-	16-1-7-5-6-3-3-1-2-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10	
56-43,5514-110,6344-2-0/-	0-L12414-09/13/75-14-	20-7.0-	-	-	5.5-	170-	14-1-7-5-6-3-3-1-2-3-3-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.35	
56-43,5197-110,7487-2-0/-	0-L12415-09/13/75-15-	20-11.0-	-	-	5.5-	250-	8-1-7-5-6-3-3-1-2-3-2-3-1-	-1-8-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17	
56-43,1231-110,0792-2-0/-	0-L12419-09/15/75-12-	1A-11.0-	-	-	5.3-	250-	9-1-7-5-6-3-3-1-2-3-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30	
56-43,1519-110,0022-2-0/-	0-L12421-09/15/75-13-	20-9.0-	-	-	5.5-	430-	7-1-7-5-6-3-3-1-2-2-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.41	
56-43,2264-110,0111-2-0/-	0-L12422-09/15/75-13-	20-12.0-	-	-	5.5-	400-	12-1-7-5-6-3-3-1-2-3-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.28	
56-43,2258-110,0228-2-0/-	0-L12423-09/15/75-13-	20-10.0-	-	-	5.5-	290-	16-1-7-4-6-3-3-1-2-2-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.38	
56-43,2292-110,0592-2-0/-	0-L12424-09/15/75-13-	20-9.0-	-	-	5.5-	190-	11-1-7-4-6-3-3-1-2-3-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-43,2275-110,0592-2-0/-	0-L12425-09/15/75-13-	20-9.0-	-	-	5.4-	200-	16-1-7-4-6-3-3-1-2-1-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples-Driggs

DOE SAMPLE NUMBER						LASI SAMPLE NUMBER AND FIELD DATA																				U CONCENTRATION								
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASI SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (cpm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DNC (+) UNITS IN ppb
							DATE	HOUR																										
56-43.5450-110.8456-2-0/-						0-L12444-09/12/74-10-	17	9.0-	-	6.1-	-	6.1-	250-	10-1-4-5-6-2-2-1-	-3-2-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-43.5533-110.8572-2-0/-						0-L12445-09/12/74-10-	16	7.4-	-	6.1-	-	6.1-	270-	9-1-4-5-6-2-2-1-	-3-2-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-43.5633-110.8564-2-0/-						0-L12446-09/12/74-10-	18	7.0-	-	6.1-	-	6.1-	230-	7-1-4-5-6-2-2-1-	-3-2-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-43.5364-110.8822-2-0/-						0-L12447-09/12/74-11-	16	7.0-	-	5.9-	-	5.9-	250-	4-1-4-5-6-2-2-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-43.5356-110.8857-2-0/-						0-L12448-09/12/74-11-	18	7.0-	-	6.3-	-	6.3-	200-	9-1-6-5-6-2-2-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
56-43.5339-110.8861-2-0/-						0-L12449-09/12/74-11-	16	6.0-	-	5.9-	-	5.9-	210-	9-1-4-5-6-2-2-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-43.5467-110.8211-2-0/-						0-L12450-09/12/74-11-	19	6.0-	-	6.1-	-	6.1-	195-	9-1-6-5-6-2-2-1-	-3-2-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.35
56-43.5847-110.8278-2-0/-						0-L12451-09/12/74-12-	20	9.0-	-	6.1-	-	6.1-	155-	7-1-4-4-6-2-2-1-1	-3-2-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.38
56-43.5961-110.8054-2-0/-						0-L12452-09/12/74-12-	20	7.0-	-	6.1-	-	6.1-	190-	10-1-6-4-6-2-2-1-	-3-2-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.37
56-43.5089-110.7793-2-0/-						0-L12453-09/12/74-12-	10	7.0-	-	6.3-	-	6.3-	415-	4-1-4-5-6-2-2-1-	-3-2-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.64
56-43.5931-110.7722-2-0/-						0-L12454-09/12/74-12-	20	6.0-	-	6.6-	-	6.6-	460-	10-1-6-5-6-2-2-1-	-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.34
56-43.0081-111.0400-2-0/-						0-L12455-09/14/74-11-	22	10.5-	-	6.3-	-	6.3-	360-	6-1-4-5-6-2-2-1-	-3-3-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-43.0264-111.0400-2-0/-						0-L12436-09/14/74-12-	21	11.0-	-	6.9-	-	6.9-	470-	9-1-6-5-6-2-2-1-	-3-3-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02
56-43.0461-111.0419-2-0/-						0-L12457-09/14/74-12-	20	9.0-	-	6.3-	-	6.3-	330-	10-1-4-5-6-2-2-1-	-3-3-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-43.0683-111.0422-2-0/-						0-L12458-09/14/74-12-	20	10.5-	-	6.9-	-	6.9-	400-	9-1-6-5-6-2-2-1-	-3-3-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33
56-43.0778-111.0428-2-0/-						0-L12459-09/14/74-12-	22	9.0-	-	6.9-	-	6.9-	470-	7-1-4-5-6-2-2-1-	-3-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26
56-43.0417-110.9908-2-0/-						0-L12461-09/14/74-13-	23	9.0-	-	6.3-	-	6.3-	215-	7-1-4-5-6-2-2-1-	-3-2-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.29
56-43.0992-110.9867-2-0/-						0-L12465-09/14/74-13-	25	9.5-	-	6.3-	-	6.3-	325-	7-1-4-5-6-2-2-1-	-3-2-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-43.1044-111.0217-2-10-						0-L12464-09/14/74-13-	25	17.0-	-	6.6-	-	6.6-	275-	10-1-4-5-7-2-2-2-	-3-2-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
56-43.1233-110.9256-2-0/-						0-L12468-09/14/74-14-	27	7.0-	-	6.3-	-	6.3-	420-	4-1-4-5-6-3-3-1-	-1-3-6-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.38
56-43.1542-110.8700-2-0/-						0-L12469-09/14/74-15-	25	8.6-	-	6.3-	-	6.3-	430-	13-1-6-5-6-2-2-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.14
56-43.1550-110.8657-2-0/-						0-L12470-09/14/74-15-	24	8.0-	-	6.3-	-	6.3-	300-	13-1-4-5-6-2-2-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27
56-43.1500-110.8433-2-0/-						0-L12471-09/14/74-15-	23	10.0-	-	6.5-	-	6.5-	310-	7-1-4-5-6-3-3-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25
56-43.1417-110.8250-2-0/-						0-L12472-09/14/74-15-	23	9.4-	-	6.3-	-	6.3-	320-	10-1-4-5-6-2-2-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.45
56-43.1522-110.7889-2-0/-						0-L12473-09/14/74-15-	21	9.0-	-	6.1-	-	6.1-	250-	9-1-4-5-6-2-2-1-	-1-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.28
56-43.1475-110.7761-2-0/-						0-L12474-09/14/74-16-	22	11.5-	-	6.9-	-	6.9-	250-	13-1-4-5-6-2-2-1-	-1-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.07
56-43.1400-110.7661-2-0/-						0-L12475-09/14/74-16-	26	11.0-	-	6.0-	-	6.0-	295-	10-1-6-5-6-2-2-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.87
56-43.1389-110.7642-2-0/-						0-L12476-09/14/74-16-	26	12.0-	-	6.3-	-	6.3-	290-	6-1-4-5-6-2-2-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.46
56-43.1383-110.8672-2-06-						0-L12477-09/14/74-16-	26	9.5-	-	6.3-	-	6.3-	315-	13-1-6-5-6-2-2-1-	-1-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.35
56-43.1172-110.8517-2-0/-						0-L12478-09/14/74-17-	25	11.0-	-	6.3-	-	6.3-	320-	12-1-4-5-6-2-2-1-	-1-1-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30
56-43.0989-110.8444-2-0/-						0-L12479-09/14/74-17-	25	10.5-	-	6.6-	-	6.6-	310-	9-1-6-5-6-3-3-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42
56-43.0906-110.8672-2-0/-						0-L12480-09/14/74-17-	26	11.5-	-	6.3-	-	6.3-	345-	16-1-4-5-6-2-2-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.65
56-43.0797-110.8383-2-0/-						0-L12481-09/14/74-17-	26	11.0-	-	6.6-	-	6.6-	300-	14-1-4-5-6-3-3-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.48
56-43.0694-110.8328-2-0/-						0-L12482-09/14/74-17-	26	11.0-	-	6.3-	-	6.3-	330-	12-1-4-5-6-2-2-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.49
56-43.0619-110.8333-2-0/-						0-L12483-09/14/74-17-	23	10.5-	-	6.3-	-	6.3-	300-	16-1-4-5-6-3-3-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-43.0617-110.8556-2-0/-						0-L12484-09/14/74-18-	20	11.0-	-	6.3-	-	6.3-	410-	12-1-4-5-6-3-3-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.44
56-43.0622-110.8550-2-0/-						0-L12485-09/14/74-18-	19	10.0-	-	6.0-	-	6.0-	270-	9-1-6-5-6-3-3-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33
56-43.0572-110.8211-2-0/-						0-L12486-09/14/74-19-	20	9.0-	-	6.9-	-	6.9-	195-	7-1-4-5-6-2-2-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01
56-43.0906-110.8139-2-0/-						0-L12487-09/14/74-18-	10	10.0-	-	6.6-	-	6.6-	315-	13-1-6-5-6-2-2-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.74
56-43.0217-110.8039-2-0/-						0-L12488-09/14/74-18-	18	9.0-	-	6.0-	-	6.0-	400-	10-1-4-5-6-3-3-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.21
56-43.0050-110.8033-2-0/-						0-L12489-09/14/74-19-	17	9.0-	-	6.1-	-	6.1-	255-	12-1-6-5-6-3-3-1-	-1-3-3-3-	-1-	-	-	-	-	-	-	-	-										

[illegible]

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples-Driggs

[illegible]

APPENDIX B-I (continued). Field Data and Uranium Concentrations for Water Samples-Driggs

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																								U CONCENTRATION					
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (µmho/cm)	SCINTILLOMETER (c/s per cm)	POCK TYPE	POCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DNC (x)	UNITS IN ppb
							DATE	HOUR																											
56-43.0967	-110.7159	-20.7	n-L12624	09/20/75	12	19-10.0	-	-	5.2	240	7-1-7-5-6-3-3-1-2-4-3-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-43.0922	-110.7128	-20.7	n-L12625	09/20/75	12	19-10.0	-	-	5.5	250	4-1-7-5-6-3-3-1-2-1-3-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-43.0694	-110.6833	-20.7	n-L12626	09/20/75	12	19-11.0	-	-	5.2	200	9-1-7-4-6-3-3-1-2-3-3-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.22		
56-43.0681	-110.6861	-20.7	n-L12627	09/20/75	12	20-0.0	-	-	5.2	220	4-1-7-4-6-3-3-1-2-1-3-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.31		
56-43.0850	-110.7194	-20.7	n-L12628	09/20/75	12	20-2.0	-	-	5.3	250	14-1-7-4-6-3-3-1-2-3-3-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01		
56-43.0414	-110.7396	-20.7	n-L12629	09/20/75	13	20-0.0	-	-	5.3	250	14-1-7-4-6-3-3-1-2-3-3-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-43.0400	-110.7417	-20.7	n-L12630	09/20/75	13	20-0.0	-	-	5.3	240	12-1-7-4-6-3-3-1-2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00		
56-43.0522	-110.3839	-20.7	n-L12631	09/28/75	16	16-7.5	-	-	5.4	270	15-1-7-5-8-3-3-1-2-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30		
56-43.0639	-110.3139	-20.7	n-L12632	09/28/75	16	16-0.0	-	-	5.5	280	12-1-7-5-8-3-3-1-2-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-43.0622	-110.3133	-20.7	n-L12633	09/28/75	17	16-0.0	-	-	5.5	300	12-1-7-5-8-3-3-1-2-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30		
56-43.0578	-110.2481	-20.7	n-L12634	09/28/75	17	15-0.0	-	-	5.5	300	12-1-7-5-8-3-3-1-2-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.77		
56-43.0478	-110.2822	-20.7	n-L12635	09/28/75	17	15-0.0	-	-	5.5	320	14-1-7-5-8-3-3-1-2-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-43.0417	-110.3400	-20.7	n-L12636	09/28/75	17	14-10.0	-	-	5.4	280	15-1-7-5-8-3-3-1-2-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.72		
56-43.0233	-110.4057	-20.7	n-L12637	09/28/75	17	14-10.0	-	-	5.5	460	15-1-7-4-6-3-3-1-2-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.75		
56-43.0278	-110.3528	-20.7	n-L12638	09/28/75	18	14-11.0	-	-	5.6	450	15-1-7-4-6-3-3-1-2-2-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08		
56-43.0253	-110.3522	-20.7	n-L12639	09/28/75	18	12-10.0	-	-	5.6	340	14-1-7-4-6-3-3-1-2-2-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.38		
56-43.0153	-110.3278	-20.7	n-L12640	09/28/75	18	12-10.0	-	-	5.6	350	4-1-7-5-6-3-3-1-2-3-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-43.0183	-110.2550	-20.7	n-L12641	09/28/75	18	12-11.0	-	-	5.6	390	14-1-7-5-6-3-3-1-2-3-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-43.0119	-110.2593	-20.7	n-L12642	09/29/75	18	11-11.0	-	-	5.6	590	12-1-7-5-6-3-3-1-2-3-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42		
56-43.0025	-110.4678	-20.7	n-L12643	09/28/75	19	10-10.0	-	-	5.5	340	14-1-7-5-6-3-3-1-2-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		

APPENDIX B-II

Field Data and Uranium Concentrations for Water Samples
in the Wyoming Portion of the Preston NTMS Quadrangle

(See Appendix D for Codes to Listings)

APPENDIX B-II. Field Data and Uranium Concentrations for Water Samples-Preston

DOE SAMPLE NUMBER					LASL SAMPLE NUMBER AND FIELD DATA																					U CONCENTRATION								
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLATOR (cpm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	PILEUP	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DDC (+) UNITS IN ppb
							DATE	HOUR																										
56-42	9981-110.1811	-2-07				U-L10001	09/15/76	17	14-12.0	-	-	-	6.8	320	-	8-1-1-5-6-3-3-1-2-3-3-2-3-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.63	
56-42	4875-110.2200	-2-07				U-L10002	09/19/76	13	22-11.5	-	-	-	6.3	415	-	9-1-0-5-6-2-2-1-4-3-3-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.66	
56-42	4856-110.2194	-2-07				U-L10003	09/19/76	13	23-10.3	-	-	-	6.6	430	-	9-1-0-5-6-2-2-1-4-2-3-3-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.74	
56-42	4889-110.2406	-2-07				U-L10004	09/20/76	10	20-9.0	-	-	-	6.3	390	-	9-1-0-5-6-2-2-1-1-1-2-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.50	
56-42	8250-110.2972	-2-07				U-L10006	09/19/76	12	16-18.0	-	-	-	6.5	600	11-1-1-5-6-2-3-1-2-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.70		
56-42	8139-111.0111	-2-07				U-L10007	09/19/76	12	16-17.0	-	-	-	6.4	540	4-1-1-5-6-2-3-1-2-3-3-2-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42	
56-42	9194-111.0250	-2-07				U-L10008	09/19/76	12	16-12.0	-	-	-	6.5	440	9-1-1-5-6-2-3-1-2-2-3-2-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.80	
56-42	9444-111.0333	-2-07				U-L10009	09/19/76	12	16-13.0	-	-	-	6.5	400	6-1-1-5-6-2-3-1-2-2-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.45	
56-42	9592-111.0377	-2-07				U-L10010	09/19/76	13	18-12.0	-	-	-	6.4	380	8-1-1-5-6-2-3-1-2-2-1-2-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.58	
56-42	9244-111.0125	-2-07				U-L10011	09/19/76	13	18-14.0	-	-	-	6.5	350	4-1-1-5-6-3-2-1-2-4-4-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.23	
56-42	9681-110.2375	-2-07				U-L10014	09/19/76	13	18-10.2	-	-	-	6.4	260	8-1-1-4-6-3-3-1-2-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42	9389-110.2259	-2-07				U-L10015	09/19/76	14	20-10.0	-	-	-	6.3	250	12-1-1-4-6-3-3-1-2-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25	
56-42	9069-110.2903	-2-07				U-L10017	09/19/76	14	20-11.0	-	-	-	6.5	280	9-1-1-4-6-3-3-1-2-2-3-2-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.23	
56-42	9069-110.2931	-2-08				U-L10018	09/19/76	14	20-14.0	-	-	-	6.5	280	12-1-1-4-6-3-3-1-2-2-3-2-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42	7739-110.2317	-2-07				U-L10021	09/15/76	13	18-10.0	-	-	-	6.8	1400	15-1-1-6-8-3-2-1-1-4-3-2-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.68	
56-42	8378-110.2011	-2-08				U-L10028	09/15/76	17	17-17.0	-	-	-	6.4	650	15-1-1-4-6-3-3-1-2-2-3-2-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.50	
56-42	8531-110.0764	-2-07				U-L10031	09/15/76	17	20-17.0	-	-	-	7.2	310	15-1-1-5-7-2-2-4-3-1-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.90	
56-42	9453-110.2050	-2-10				U-L10033	09/16/76	11	18-12.0	-	-	-	6.3	530	15-1-0-3-8-4-1-3-4-4-2-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.54	
56-42	9889-110.0281	-2-08				U-L10036	09/16/76	12	17-8.0	-	-	-	6.0	330	15-1-0-3-8-4-1-3-4-3-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.44	
56-42	9989-110.1369	-2-07				U-L10039	09/16/76	12	22-15.5	-	-	-	6.3	430	15-1-1-4-3-6-3-3-1-4-3-3-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.43	
56-42	9292-110.1244	-2-06				U-L10043	09/16/76	14	25-10.0	-	-	-	7.7	475	15-1-0-3-3-3-1-4-4-4-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.71	
56-42	9494-110.1409	-2-08				U-L10055	09/16/76	19	19-10.0	-	-	-	5.9	440	13-1-0-3-3-3-1-4-4-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42	9311-110.1953	-2-08				U-L10059	09/17/76	14	24-18.0	-	-	-	6.8	480	6-2-1-1-4-3-3-1-4-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.35	
56-42	8111-110.2139	-2-08				U-L10064	09/17/76	16	24-9.0	-	-	-	7.2	700	11-1-1-4-3-3-1-4-4-3-4-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	
56-42	8139-110.2200	-2-07				U-L10065	09/17/76	17	24-15.0	-	-	-	6.5	355	9-1-2-4-7-3-3-1-2-4-3-4-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	
56-42	8106-110.2211	-2-07				U-L10066	09/17/76	17	23-17.0	-	-	-	6.5	550	7-1-2-6-6-3-3-2-2-4-3-1-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21	
56-42	8819-110.2158	-2-10				U-L10073	09/17/76	18	17-14.0	-	-	-	6.5	220	24-1-0-5-6-1-2-5-3-4-2-3-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42	7258-110.2111	-2-07				U-L10080	09/19/76	15	15-9.5	-	-	-	5.9	345	13-1-0-3-6-4-3-1-3-3-3-4-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24	
56-42	7389-110.2847	-2-07				U-L10081	09/19/76	15	15-7.5	-	-	-	5.7	390	9-1-1-4-3-3-1-2-1-3-5-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42	6831-110.2153	-2-07				U-L10084	09/19/76	17	15-10.0	-	-	-	5.9	410	7-1-0-4-6-3-3-1-4-4-3-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.43	
56-42	6791-110.2033	-2-07				U-L10085	09/19/76	17	14-10.0	-	-	-	5.9	330	15-1-0-4-6-3-3-3-3-1-3-4-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42	6917-110.2633	-2-06				U-L10087	09/19/76	18	13-9.0	-	-	-	5.7	375	13-1-1-4-6-4-3-1-2-1-3-2-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42	7014-110.2533	-2-07				U-L10088	09/19/76	18	16-10.0	-	-	-	5.9	270	12-1-1-5-6-4-3-1-3-1-2-4-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42	6950-110.2583	-2-07				U-L10090	09/19/76	19	13-9.0	-	-	-	5.9	280	15-1-1-4-6-3-3-1-3-1-2-3-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42	
56-42	6939-110.2578	-2-07				U-L10091	09/19/76	19	13-7.0	-	-	-	5.9	280	15-1-1-4-6-3-3-1-3-1-2-3-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.39	
56-42	5172-110.2625	-2-09				U-L10093	09/20/76	14	23-13.5	-	-	-	6.0	325	9-1-1-5-6-3-3-1-1-6-3-3-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.14	
56-42	5128-110.2631	-2-07				U-L10094	09/20/76	15	23-11.5	-	-	-	6.1	-	15-1-1-5-6-3-3-1-2-6-3-3-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.67	
56-42	5069-110.2806	-2-07				U-L10095	09/20/76	15	23-12.0	-	-	-	6.1	250	9-1-1-5-6-4-3-1-2-4-3-4-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33	
56-42	5011-110.2911	-2-06				U-L10096	09/20/76	15	22-11.0	-	-	-	5.7	275	9-1-1-4-4-4-3-3-1-3-1-3-5-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42	5194-110.2858	-2-07				U-L10097	09/20/76	16	24-10.0	-	-	-	6.1	460	10-1-1-3-6-2-3-1-3-1-3-4-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

APPENDIX B-II (continued). Field Data and Uranium Concentrations for Water Samples-Preston

DOE SAMPLE NUMBER						LAST SAMPLE NUMBER AND FIELD DATA																				U CONCENTRATION								
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	PH	SPECIFIC CONDUCTANCE (micro m)	SCINTILLOMETER (nU Bq)	DOCA TYPE	DOCA COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER COLOR	WATER TASTE	WATER COLOR	SPELW CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	CONTAMINANTS	WELL TYPE	WELL DIAMETER INCHES	WELL DEPTH FEET	WATER DEPTH FEET	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DNC (u)	UNITS IN PPB
							DATE	HOUR																										
36-42.6453-110.7819-2-06	U-L10111-09/21/76-12	19-8.5	-	6.0	480	7-1-0-5-6-3-3-1	-4-3-4-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.51		
36-42.6456-110.7742-2-07	U-L10112-09/21/76-12	20-11.5	-	5.9	480	11-1-1-5-6-3-3-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
36-42.6194-110.7472-2-07	U-L10114-09/21/76-12	25-11.5	-	6.1	360	7-1-1-5-6-2-3-1	-3-1-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.60	
36-42.6208-110.7083-2-07	U-L10116-09/21/76-13	25-11.5	-	6.1	370	12-1-3-5-6-3-4-4-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
36-42.6272-110.7044-2-06	U-L10117-09/21/76-14	24-6.0	-	6.0	360	15-1-1-5-6-3-3-1	-3-4-3-4-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
36-42.6256-110.7053-2-07	U-L10118-09/21/76-14	25-14.0	-	6.0	350	6-1-1-5-4-3-3-1	-2-4-3-4-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27	
36-42.4922-110.7606-2-07	U-L10119-09/20/76-11	20-10.0	-	6.1	355	9-1-0-5-6-2-2-1	-1-2-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
36-42.4744-110.7644-2-06	U-L10120-09/20/76-11	18-9.5	-	6.3	750	4-1-0-5-6-2-2-1	-2-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33	
36-42.4672-110.7661-2-06	U-L10121-09/20/76-11	24-9.3	-	6.5	1000	9-1-0-5-7-2-2-1	-1-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
36-42.4656-110.7666-2-07	U-L10122-09/20/76-11	25-11.0	-	6.6	5000	7-1-0-5-6-1-2-1	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00*	
36-42.4667-110.7717-2-07	U-L10123-09/20/76-11	24-11.0	-	6.3	500	10-1-0-5-6-2-2-1	-3-1-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.44	
36-42.4183-110.7817-2-07	U-L10124-09/20/76-12	21-11.5	-	6.6	1000	12-1-0-5-6-2-2-1	-3-4-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.82	
36-42.4044-110.7983-2-07	U-L10125-09/20/76-12	24-10.0	-	6.3	5000	6-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.54	
36-42.3983-111.0125-2-07	U-L10126-09/20/76-12	22-10.5	-	6.6	1400	10-1-0-5-6-2-2-1	-3-4-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.79	
36-42.4625-111.0167-2-07	U-L10128-09/20/76-13	20-11.5	-	6.3	1500	12-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.63	
36-42.4700-111.0339-2-07	U-L10129-09/20/76-13	18-10.0	-	6.6	410	9-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.48	
36-42.4684-111.0330-2-07	U-L10130-09/20/76-13	18-11.0	-	6.6	230	9-1-0-5-6-2-2-1	-1-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40	
36-42.4000-110.7844-2-07	U-L10131-09/20/76-13	22-10.5	-	6.6	1350	9-1-0-5-6-2-2-1	-1-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.63	
36-42.3922-110.7650-2-06	U-L10132-09/20/76-13	27-	-	6.6	1200	6-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.61	
36-42.3894-110.7606-2-07	U-L10133-09/20/76-13	26-10.5	-	6.6	550	9-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.47	
36-42.3872-110.7611-2-07	U-L10134-09/20/76-13	26-12.0	-	6.6	1050	9-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
36-42.3483-110.7678-2-07	U-L10135-09/20/76-14	28-11.5	-	6.3	900	10-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.51	
36-42.3278-110.7617-2-06	U-L10136-09/20/76-14	25-10.5	-	6.5	1400	6-1-0-5-7-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.98	
36-42.2683-110.7622-2-06	U-L10137-09/20/76-14	26-9.0	-	6.5	650	7-1-0-5-7-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.89	
36-42.3914-110.7422-2-07	U-L10138-09/20/76-14	25-11.0	-	6.5	500	12-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.16	
36-42.4181-110.7278-2-06	U-L10139-09/20/76-15	25-9.5	-	6.6	500	10-1-0-5-7-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.37	
36-42.4156-110.7267-2-07	U-L10140-09/20/76-15	24-12.0	-	6.5	390	12-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.68	
36-42.3794-110.7290-2-07	U-L10142-09/20/76-16	27-11.0	-	6.3	450	13-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.57	
36-42.3761-110.7189-2-07	U-L10143-09/20/76-16	29-11.0	-	6.3	550	9-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.71	
36-42.3744-110.7239-2-06	U-L10144-09/20/76-16	27-9.5	-	6.5	600	13-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.35	
36-42.3739-110.7214-2-07	U-L10145-09/20/76-16	28-11.0	-	6.5	400	15-1-0-5-6-2-2-1	-1-4-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.13	
36-42.3311-110.7317-2-07	U-L10146-09/20/76-16	29-11.5	-	6.5	550	10-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.13	
36-42.3217-110.7922-2-06	U-L10147-09/20/76-16	28-9.0	-	6.3	420	12-1-0-5-7-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.56	
36-42.2817-110.7901-2-07	U-L10148-09/20/76-17	24-10.0	-	6.5	370	10-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.14	
36-42.2806-110.7989-2-07	U-L10149-09/20/76-17	25-11.0	-	6.5	1460	10-1-0-5-6-2-2-1	-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.28	
36-42.4884-110.8331-2-07	U-L10150-09/21/76-9	18-7.5	-	6.1	395	13-1-0-5-6-2-2-1	-3-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.32	
36-42.4778-110.8361-2-07	U-L10151-09/21/76-10	17-7.0	-	6.3	300	4-1-0-5-6-2-2-1	-3-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
36-42.4781-110.8128-2-07	U-L10152-09/21/76-10	20-8.0	-	6.3	310	9-1-0-5-6-3-3-1	-3-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.46	
36-42.4804-110.8117-2-07	U-L10153-09/21/76-10	20-7.0	-	5.9	280	10-1-0-5-6-3-2-1	-3-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.51	
36-42.4604-110.8603-2-06	U-L10154-09/21/76-11	21-9.0	-	6.1	430	16-1-0-5-7-2-2-1	-3-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.72	
36-42.4283-110.8544-2-07	U-L10155-09/21/76-11	21-11.0	-	6.1	420	18-1-0-5-6-2-2-1	-3-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

APPENDIX B-II (continued). Field Data and Uranium Concentrations for Water Samples -Preston

[illegible]

APPENDIX B-II (continued). Field Data and Uranium Concentrations for Water Samples-Preston

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																				U CONCENTRATION								
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAS SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (micro m/cm)	SCINTILLATOR (ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	REL. HT.	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUORIMETRY OR DNC (x) UNITS IN ppb
							DATE	HOUR																										
56-42.8694-110.0917-2-07	U-L10249-09/20/76-17	14	9.0	-	-	9-1-1-4-6-2-3-1-2-1-2-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.44		
56-42.8592-110.0794-2-07	U-L10250-09/20/76-17	16	6.0	-	-	9-1-1-5-6-2-3-1-2-6-2-3-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.46	
56-42.8661-110.0306-2-07	U-L10251-09/20/76-17	16	8.0	-	-	12-1-1-4-6-2-3-1-2-6-3-3-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42.8528-110.0328-2-07	U-L10252-09/20/76-17	16	20.0	-	-	11-1-1-4-6-2-3-1-2-6-2-3-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21	
56-42.8500-110.0319-2-07	U-L10253-09/20/76-18	15	10.0	-	-	11-1-1-4-6-2-3-1-2-1-3-3-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.36	
56-42.8389-110.0586-2-07	U-L10254-09/20/76-18	14	9.0	-	-	9-1-1-4-6-2-3-1-2-1-3-3-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17	
56-42.8536-110.0931-2-06	U-L10255-09/20/76-18	14	6.0	-	-	12-1-1-4-6-2-3-1-2-3-2-3-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.31	
56-42.8436-110.0917-2-07	U-L10256-09/21/76-8	8	6.0	-	-	19-1-1-5-6-2-3-1-2-4-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.41	
56-42.8167-110.0931-2-07	U-L10257-09/21/76-8	8	8.0	-	-	9-1-1-5-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	
56-42.8131-110.0861-2-07	U-L10258-09/21/76-8	8	1.8.0	-	-	14-1-1-5-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18	
56-42.8111-110.0861-2-07	U-L10259-09/21/76-9	9	1.7.0	-	-	11-1-1-5-6-2-3-1-2-1-3-2-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.55	
56-42.7847-110.0941-2-07	U-L10260-09/21/76-9	2	8.0	-	-	9-1-1-5-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.34	
56-42.7828-110.0925-2-07	U-L10261-09/21/76-9	2	7.0	-	-	9-1-1-5-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.76	
56-42.7417-110.0758-2-07	U-L10265-09/21/76-10	6	7.0	-	-	12-1-1-5-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.48	
56-42.7292-110.0999-2-07	U-L10266-09/21/76-10	8	6.0	-	-	9-1-1-4-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.34	
56-42.7256-110.0961-2-07	U-L10267-09/21/76-10	10	6.0	-	-	6-1-1-4-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42.7000-110.0708-2-06	U-L10268-09/21/76-10	12	5.0	-	-	16-1-1-5-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42.6792-110.0667-2-08	U-L10269-09/21/76-10	12	13.0	-	-	8-1-1-5-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42.6792-110.0717-2-07	U-L10270-09/21/76-10	10	8.0	-	-	12-1-1-4-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42.6667-110.0644-2-06	U-L10271-09/21/76-11	14	6.0	-	-	8-1-1-5-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24	
56-42.6611-110.06714-2-07	U-L10272-09/21/76-11	16	8.0	-	-	6-1-1-5-6-2-3-1-2-1-2-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.32	
56-42.6600-110.0718-2-07	U-L10273-09/21/76-11	16	7.0	-	-	11-1-1-4-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.39	
56-42.6494-110.0653-2-07	U-L10274-09/21/76-11	16	7.0	-	-	6-1-1-4-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42.6458-110.0547-2-06	U-L10275-09/21/76-11	18	5.0	-	-	11-1-1-5-6-2-2-1-2-1-2-2-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42.6306-110.0639-2-07	U-L10276-09/21/76-11	18	9.0	-	-	12-1-1-5-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	
56-42.6264-110.0583-2-06	U-L10277-09/21/76-12	18	7.0	-	-	6-1-1-5-6-2-2-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	
56-42.6167-110.0611-2-07	U-L10278-09/21/76-12	18	7.0	-	-	11-1-1-5-6-2-3-1-2-3-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.44	
56-42.6081-110.0644-2-07	U-L10279-09/21/76-12	18	7.0	-	-	14-1-1-5-6-2-3-1-2-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20	
56-42.6067-110.0625-2-06	U-L10280-09/21/76-12	18	4.5	-	-	11-1-1-5-6-2-3-1-2-4-2-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42.6042-110.0778-2-07	U-L10281-09/21/76-12	18	7.0	-	-	12-1-1-5-6-2-3-1-2-3-3-3-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16	
56-42.5958-110.0722-2-07	U-L10282-09/21/76-13	18	7.0	-	-	8-1-1-4-6-2-3-1-2-3-4-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.35	
56-42.5875-110.0861-2-06	U-L10283-09/21/76-13	18	5.0	-	-	11-1-1-5-6-2-3-1-2-2-4-3-3-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.35	
56-42.5806-110.0847-2-07	U-L10284-09/21/76-13	18	6.0	-	-	8-1-1-5-6-2-3-1-2-3-4-3-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16	
56-42.5722-110.0722-2-07	U-L10285-09/21/76-13	18	7.0	-	-	6-1-1-4-6-3-3-1-2-3-3-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42.5700-110.0722-2-07	U-L10286-09/21/76-13	18	8.0	-	-	9-1-1-5-6-3-3-1-2-3-3-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.63	
56-42.5500-110.0903-2-06	U-L10287-09/21/76-14	18	7.0	-	-	8-1-1-5-6-2-3-1-2-3-4-3-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30	
56-42.5361-110.0792-2-07	U-L10288-09/21/76-14	18	8.0	-	-	4-1-1-5-6-2-3-1-2-3-4-3-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30	
56-42.5486-110.0749-2-07	U-L10289-09/21/76-14	18	7.0	-	-	4-1-1-5-6-2-3-1-2-3-4-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42.5153-110.0815-2-07	U-L10290-09/21/76-14	18	6.5	-	-	6-1-1-4-8-3-3-1-2-3-3-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.32	
56-42.5194-110.0886-2-08	U-L10291-09/21/76-14	18	7.0	-	-	8-1-1-5-6-2-3-1-2-4-2-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.55	
56-42.6489-110.0812-2-07	U-L10292-09/21/76-14	24	7.0	-	-	12-1-1-5-6-4-3-1-2-1-3-4-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.45	
56-42.6367-110.0811-2-06	U-L10294-09/21/76-16	25	-	-	-	8-1-1-5-6-3-3-1-3-4-3-4-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42.6325-110.0800-2-07	U-L10295-09/21/76-16	25	8.0	-	-	15-1-1-5-6-4-3-1-1-1-3-4-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.33	
56-42.6308-110.0475-2-06	U-L10297-09/21/76-17	22	7.0	-	-	19-1-1-5-6-2-3-1-3-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.91	
56-42.6167-110.0450-2-07	U-L10298-09/21/76-17	22	7.5	-	-	12-1-1-5-6-3-3-1-3-1-3-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42.6111-110.0486-2-07	U-L10299-09/21/76-18	23	8.0	-	-	12-1-1-5-7-3-3-1-2-1-3-4-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26	
56-42.0956-110.0428-2-07	U-L10304-09/24/76-10	19	10.0	-	-	7-1-0-5-6-2-2-1-3-4-7-2-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.52	

APPENDIX B-II (continued). Field Data and Uranium Concentrations for Water Samples-Preston

DOE SAMPLE NUMBER					LAST SAMPLE NUMBER AND FIELD DATA																				U CONCENTRATION										
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCIN/LOAN/TP	DOCK TYPE	BOYS COLP	STOWIN TYPE	STOWING COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	SHEAR CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY (PNC (+))	UNITS IN PPB
							DATE	HOUR																											
56-42,0284-110,1800-2-06-	0-L10311-09/24/76-12-	22-8.0-	6.3-	500-	7-1-0-5-7-2-2-1-3-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10	
56-42,1622-110,0494-2-07-	0-L10313-09/24/76-13-	24-10.0-	6.1-	500-	10-1-0-5-6-2-2-1-3-4-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42,1850-110,0611-2-07-	0-L10314-09/24/76-13-	24-9.5-	6.3-	600-	9-1-0-5-6-2-2-1-3-4-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42,1844-110,0334-2-06-	0-L10315-09/24/76-13-	24-9.0-	6.1-	400-	10-1-0-5-7-2-3-1-3-4-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.48
56-42,2108-110,8700-2-07-	0-L10316-09/24/76-14-	23-11.0-	6.3-	390-	10-1-0-5-6-2-2-1-3-4-3-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.14
56-42,2381-110,0551-2-07-	0-L10317-09/24/76-14-	25-10.0-	6.3-	400-	13-1-0-5-6-3-3-1-3-4-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42,2397-110,0572-2-07-	0-L10318-09/24/76-14-	24-10.5-	6.3-	360-	7-1-0-5-6-2-2-1-3-4-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21
56-42,2272-110,1912-2-06-	0-L10319-09/24/76-15-	22-9.5-	5.9-	320-	9-1-0-5-7-2-2-1-3-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.82
56-42,2014-110,1833-2-07-	0-L10320-09/24/76-15-	19-10.5-	6.3-	470-	9-1-0-5-6-2-2-1-3-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.77
56-42,1889-110,1617-2-06-	0-L10321-09/24/76-15-	19-9.5-	5.9-	220-	4-1-0-5-4-2-2-1-3-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.82
56-42,2217-110,1639-2-06-	0-L10322-09/24/76-15-	17-9.5-	6.3-	600-	12-1-0-5-7-2-2-1-3-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16
56-42,1611-110,1653-2-07-	0-L10323-09/24/76-15-	17-10.5-	6.0-	450-	10-1-0-5-6-3-3-1-3-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.31
56-42,1447-110,1681-2-06-	0-L10324-09/24/76-16-	17-9.0-	6.6-	525-	13-1-0-5-7-2-2-1-3-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.28
56-42,1425-110,1792-2-06-	0-L10325-09/24/76-16-	17-10.0-	6.0-	410-	7-1-0-5-7-2-2-1-3-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16
56-42,1264-110,0206-2-07-	0-L10326-09/24/76-17-	15-10.5-	6.6-	350-	12-1-0-5-6-2-2-1-3-1-2-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42,1617-110,1001-2-07-	0-L10328-09/24/76-17-	18-10.0-	6.3-	430-	10-1-0-5-6-2-2-1-3-4-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.50
56-42,1906-110,0928-2-07-	0-L10329-09/24/76-17-	17-10.0-	6.3-	390-	12-1-0-5-6-2-2-1-3-4-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.14
56-42,1917-110,0981-2-07-	0-L10330-09/24/76-18-	18-11.0-	6.3-	370-	10-1-0-5-6-2-2-1-3-4-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.39
56-42,2050-110,0389-2-07-	0-L10331-09/24/76-18-	16-11.0-	6.1-	300-	12-1-0-5-6-2-2-1-3-4-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.23
56-42,2067-110,0383-2-07-	0-L10332-09/24/76-18-	16-10.5-	6.3-	440-	12-1-0-5-6-2-2-1-3-4-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.22
56-42,2078-110,0803-2-07-	0-L10333-09/24/76-18-	17-12.0-	6.3-	450-	7-1-0-5-6-2-2-1-3-4-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.16
56-42,2308-110,1000-2-07-	0-L10334-09/24/76-18-	15-10.5-	6.6-	500-	10-1-0-5-6-2-2-1-3-4-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42,2464-110,1003-2-07-	0-L10335-09/24/76-18-	17-10.0-	6.0-	445-	10-1-0-5-6-2-2-1-3-4-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.22
56-42,2469-110,1000-2-07-	0-L10336-09/24/76-19-	15-10.0-	6.3-	370-	10-1-0-5-6-2-2-1-3-4-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
56-42,1234-110,1312-2-07-	0-L10338-09/25/76-7-	11-8.5-	6.6-	1400-	9-1-0-5-6-2-2-1-3-4-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.71
56-42,0514-110,1017-2-07-	0-L10339-09/25/76-7-	11-9.0-	6.3-	1000-	12-1-0-5-6-2-2-1-3-4-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.68
56-42,0508-110,1006-2-07-	0-L10340-09/25/76-7-	12-9.0-	6.0-	600-	9-1-0-5-6-2-2-1-3-4-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33
56-42,0519-110,0822-2-07-	0-L10341-09/25/76-7-	13-9.5-	6.6-	500-	13-1-0-5-6-2-2-1-3-4-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21
56-42,0369-110,0831-2-07-	0-L10343-09/25/76-8-	16-10.5-	6.3-	500-	10-1-0-5-6-2-2-1-3-4-2-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.22
56-42,0250-110,0939-2-07-	0-L10344-09/25/76-8-	13-10.5-	6.1-	300-	10-1-0-5-6-2-2-1-3-4-2-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15
56-42,2364-110,1389-2-07-	0-L10347-09/25/76-9-	14-10.5-	6.1-	245-	9-1-0-5-6-2-2-1-3-1-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42,2375-110,1033-2-07-	0-L10348-09/25/76-9-	13-9.0-	5.9-	310-	10-1-0-5-6-3-3-1-3-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42,2361-110,1022-2-07-	0-L10349-09/25/76-9-	13-10.0-	6.1-	210-	12-1-0-5-6-3-3-1-3-1-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42,2078-110,1336-2-07-	0-L10350-09/25/76-10-	17-10.5-	6.3-	285-	9-1-0-5-6-3-3-1-3-4-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42,2061-110,1322-2-07-	0-L10351-09/25/76-10-	19-11.0-	6.1-	310-	10-1-0-5-6-2-2-1-3-4-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24
56-42,2000-110,1339-2-07-	0-L10352-09/25/76-10-	21-11.0-	6.1-	440-	9-1-0-5-6-2-2-1-3-4-3-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.39
56-42,1556-110,1372-2-07-	0-L10353-09/25/76-11-	24-10.5-	6.3-	470-	7-1-0-5-6-3-3-1-3-4-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42,1528-110,1325-2-07-	0-L10354-09/25/76-11-	24-11.0-	6.3-	500-	10-1-0-5-6-2-2-1-3-4-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.90*
56-42,1278-110,1100-2-07-	0-L10355-09/25/76-12-	19-10.5-	6.5-	425-	9-1-0-5-6-2-2-1-3-4-3-2-4-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.67
56-42,1281-110,1428-2-07-	0-L10356-09/25/76-17																																		

APPENDIX B-II (continued). Field Data and Uranium Concentrations for Water Samples-Preston

DOE SAMPLE NUMBER						IASI SAMPLE NUMBER AND FIELD DATA																							J CONCENTRATION						
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REP/CAT	IASI SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE umho/cm	SCINT. METER	POCK TYPE	POCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	ON/AN/SH/D	CONTAMINANTS	WELL TYPE	WELL DIAMETER INCHES	WELL DEPTH FEET	WATER DEPTH FEET	WATER SAMPLES ANALYZED BY FLUORIMETRY OR DNC (u)	UNITS IN ppb
							DATE	HOUR																											
56-42,4217-110,3650-2-07-	U-L10374-09/27/76-16-	19-11.0-	6.6-	465-	10-1-0-4-6-2-2-1-3-4-2-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.31		
56-42,4128-110,3597-2-07-	U-L10375-09/27/76-16-	20-10.0-	6.6-	450-	9-1-0-4-6-2-2-1-3-4-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.44		
56-42,4031-110,3394-2-07-	U-L10378-09/27/76-16-	18-12.0-C	6.6-	470-	13-1-0-5-6-2-2-1-3-4-3-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15		
56-42,3847-110,3589-2-07-	U-L10380-09/27/76-17-	22-	6.3-	450-	12-1-0-5-6-2-2-1-3-4-2-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.42		
56-42,0992-110,2294-2-07-	U-L10391-09/27/76-13-	14-13.0-	-	-	8-1-1-5-7-3-3-1-2-4-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-42,1694-110,4692-2-06-	U-L10397-09/27/76-14-	16-11.0-	6.5-	450-	14-1-1-5-6-1-1-1-3-3-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00		
56-42,1931-110,4422-2-06-	U-L10401-09/27/76-15-	16-12.0-	6.5-	500-	16-1-1-5-6-1-1-1-3-3-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.37		
56-42,2274-110,4478-2-06-	U-L10405-09/27/76-16-	16-9.0-	6.6-	550-	8-1-1-5-6-3-1-1-3-3-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-42,2167-110,4208-2-06-	U-L10407-09/27/76-16-	16-10.0-	6.6-	540-	9-1-1-5-6-3-1-1-3-3-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21		
56-42,8463-110,5500-2-07-	U-L10412-09/28/76-10-	10-8.0-	6.3-	250-	7-1-1-5-7-3-3-1-2-1-2-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-42,8384-110,5528-2-07-	U-L10413-09/28/76-10-	10-9.0-	6.3-	240-	10-1-1-5-7-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-42,8274-110,5306-2-07-	U-L10414-09/28/76-10-	10-9.0-	6.3-	250-	10-1-1-5-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.23		
56-42,8222-110,5319-2-07-	U-L10415-09/28/76-10-	10-7.0-	6.4-	250-	7-1-1-5-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.67		
56-42,8250-110,5194-2-07-	U-L10416-09/28/76-10-	10-9.0-	6.5-	290-	10-1-1-5-6-3-3-1-2-1-2-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.74		
56-42,8111-110,5125-2-07-	U-L10417-09/28/76-10-	10-10.0-	6.5-	280-	10-1-1-5-7-3-3-1-2-1-2-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.82		
56-42,8083-110,5123-2-07-	U-L10418-09/28/76-10-	10-9.0-	6.6-	350-	7-1-1-5-6-3-3-1-2-1-2-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.18		
56-42,8017-110,4942-2-07-	U-L10419-09/28/76-10-	12-10.0-	6.6-	300-	10-1-1-5-6-3-3-1-2-3-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.44		
56-42,8403-110,5039-2-07-	U-L10423-09/28/76-11-	12-12.0-	6.6-	300-	3-1-1-5-6-3-3-1-2-2-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.56		
56-42,6733-110,5025-2-07-	U-L10424-09/28/76-11-	12-10.0-	6.6-	400-	6-1-1-5-6-3-3-1-2-3-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.60		
56-42,6700-110,5042-2-07-	U-L10425-09/28/76-11-	12-11.0-	6.6-	700-	10-1-1-5-6-3-3-1-2-3-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.89		
56-42,7617-110,5083-2-07-	U-L10426-09/28/76-12-	14-10.0-	6.4-	280-	7-1-1-4-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17		
56-42,7564-110,5033-2-07-	U-L10427-09/28/76-12-	14-9.0-	6.4-	300-	7-1-1-4-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.76		
56-42,6944-110,4542-2-07-	U-L10429-09/26/76-12-	11-12.0-	6.4-	330-	11-1-1-5-6-3-3-1-2-3-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.63		
56-42,0917-110,4619-2-07-	U-L10430-09/26/76-12-	11-12.0-	6.6-	410-	8-1-1-4-6-3-3-1-2-2-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.63		
56-42,1083-110,4764-2-06-	U-L10433-09/26/76-12-	12-10.0-	6.6-	420-	9-1-1-5-6-1-1-1-3-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.32		
56-42,1444-110,4667-2-06-	U-L10434-09/26/76-13-	14-13.0-	5.8-	200-	9-1-1-5-6-1-1-1-2-2-3-3-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-42,1574-110,1417-2-06-	U-L10435-09/26/76-13-	14-11.0-	6.5-	350-	8-1-1-5-6-1-1-1-3-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.47		
56-42,2084-110,4875-2-07-	U-L10437-09/26/76-13-	14-11.0-	6.4-	300-	8-1-1-5-6-3-3-1-2-3-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.63		
56-42,2089-110,4833-2-06-	U-L10438-09/26/76-13-	14-10.0-	6.6-	400-	9-1-1-5-6-3-3-1-1-3-3-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.32		
56-42,2486-110,4778-2-07-	U-L10439-09/26/76-14-	13-10.0-	6.4-	280-	11-1-1-5-6-3-3-1-2-3-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24		
56-42,1611-110,4597-2-07-	U-L10440-09/26/76-14-	13-11.0-	6.4-	320-	6-1-1-5-6-3-3-1-2-3-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.28		
56-42,0958-110,4107-2-07-	U-L10446-09/26/76-15-	14-12.0-	6.6-	340-	8-1-1-4-6-3-3-1-2-2-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.45		
56-42,0894-110,3111-2-07-	U-L10449-09/26/76-15-	14-12.0-	6.6-	350-	6-1-1-4-6-3-3-1-2-3-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27		
56-42,0294-110,5603-2-09-	U-L10463-09/24/76-12-	16-14.0-C	6.7-	350-	1-1-1-5-8-1-2-1-3-4-4-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.28		
56-42,0378-110,5389-2-10-	U-L10464-09/24/76-12-	15-14.0-	6.6-	500-	1-1-0-5-8-1-2-1-3-4-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-42,0411-110,5118-2-07-	U-L10465-09/24/76-13-	17-14.0-	6.6-	425-	1-1-1-5-7-2-2-1-2-4-4-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.54		
56-42,0417-110,5194-2-07-	U-L10466-09/24/76-14-	17-14.0-	6.5-	400-	1-1-1-5-7-2-2-1-2-4-3-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.39		
56-42,0761-110,5186-2-07-	U-L10467-09/24/76-14-	17-14.0-	6.5-	450-	1-1-0-3-7-2-2-1-2-4-3-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.14		
56-42,0992-110,5056-2-07-	U-L10468-09/24/76-15-	18-13.0-	6.6-	750-	1-1-1-4-6-2-2-1-2-4-3-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-42,1214-110,5150-2-07-	U-L10469-09/24/76-16-	17-14.0-	6.5-	400-	1-1-0-4-6-3-3-1-2-4-3-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.35		
56-42,1494-110,5383-2-07-	U-L10470-09/24/76-16-	17-13.0-	6.5-	350-	1-1-0-4-6-3-3-1-2-4-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.65		
56-42,1433-110,5825-2-07-	U-L10471-09/24/76-17-	16-8.5-	6.3-	350-	1-1-0-4-6-3-3-1-2-4-3-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.90		
56-42,6383-110,4603-2-07-	U-L10472-09/29/76-12-	20-10.0-	6.6-	7450-	1-1-1-4-7-2-2-2-2-3-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.40*		
56-42,6686-110,4644-2-08-	U-L10475-09/29/76-13-	20-8.0-C	6.6-	1200-	1-1-0- - - - - - - - - - -	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.18		
56-42,6639-110,4519-2-07-	U-L10476-09/29/76-14-	20-13.2-	6.7-	2150-	1-1-1-4-8-2-2-1-2-4-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.20*		
56-42,6739-110,4242-2-08-	U-L10477-09/29/76-14-	19-9.5-C	6.5-	1200-	1-1-1- - - - - - - - - - -	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										

APPENDIX B-II (continued). Field Data and Uranium Concentrations for Water Samples-Preston

APPENDIX D-II (continued): Field Data and Instrument Concentration																															
DOE SAMPLE NUMBER										LAST SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION											
STATE	LATITUDE	LONGITUDE	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	PH	SPECIFIC CONDUCTANCE (microhm-cm)	SCALING, OMITTED (nd ppm)	ROCK TYPE	SEDIMENT TYPE	WATER COLOR	WATER TINT	WATER O.D.P.	STEADY CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	WIND	DIRECTION	WIND SPEED	WATER DEPTH	EFT	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DDC (+)	UNITS IN PPM		
						DATE	HOUR																								
56-42	761	-110.2730	-2-07	0-L10508	09/28/76	15	16:13.0	-	6.6	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.83	
56-42	7750	-110.4322	-2-07	0-L10509	09/28/76	15	16:14.0	-	6.6	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.56
56-42	7881	-110.4006	-2-07	0-L10510	09/28/76	15	16:13.0	-	6.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.58
56-42	7867	-110.4583	-2-07	0-L10513	09/28/76	19	10:11.0	-	6.6	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10
56-42	7883	-110.4911	-2-07	0-L10514	09/28/76	19	10:11.0	-	6.6	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
56-42	7883	-110.4911	-2-07	0-L10515	09/29/76	9	4:12.0	-	6.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42	7922	-110.4532	-2-07	0-L10516	09/29/76	9	4:12.0	-	6.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.43
56-42	7903	-110.4550	-2-07	0-L10517	09/29/76	9	4:12.0	-	6.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.48
56-42	7906	-110.4442	-2-07	0-L10518	09/29/76	10	6:12.0	-	6.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.51
56-42	7906	-110.4442	-2-07	0-L10519	09/29/76	10	7:11.0	-	6.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.29
56-42	7959	-110.4264	-2-07	0-L10520	09/29/76	10	7:10.0	-	6.6	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42	7959	-110.4264	-2-07	0-L10521	09/29/76	10	7:13.0	-	6.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.65
56-42	7959	-110.4264	-2-07	0-L10522	09/29/76	10	8:11.0	-	6.6	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.37
56-42	7959	-110.4264	-2-07	0-L10523	09/29/76	10	8:11.0	-	6.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.05
56-42	7959	-110.4264	-2-07	0-L10524	09/29/76	11	10:12.0	-	6.6	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42	7959	-110.4264	-2-07	0-L10525	09/29/76	11	12:13.0	-	6.6	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42	7959	-110.4264	-2-07	0-L10526	09/29/76	11	12:11.0	-	6.6	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26
56-42	7959	-110.4264	-2-07	0-L10527	09/29/76	11	12:10.0	-	6.6	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.67
56-42	7959	-110.4264	-2-07	0-L10528	09/29/76	11	12:11.0	-	6.6	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.34
56-42	7959	-110.4264	-2-07	0-L10530	09/29/76	12	16:11.0	-	6.6	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40
56-42	7959	-110.4264	-2-07	0-L10531	09/29/76	12	16:10.0	-	6.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42	7959	-110.4264	-2-07	0-L10532	09/29/76	12	16:11.0	-	6.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17
56-42	7959	-110.4264	-2-07	0-L10533	09/29/76	12	16:11.0	-	6.6	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27
56-42	7959	-110.4264	-2-07	0-L10534	09/29/76	12	18:11.5	-	6.6	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.58
56-42	7959	-110.4264	-2-07	0-L10535	09/29/76	17	17:10.0	-	6.6	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10
56-42	7959	-110.4264	-2-07	0-L10540	09/28/76	9	16:50.0	-	6.3	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.05
56-42	7959	-110.4264	-2-07	0-L10541	09/28/76	10	20:6.0	-	6.3	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20
56-42	7959	-110.4264	-2-07	0-L10542	09/28/76	10	18:5.5	-	6.5	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
56-42	7959	-110.4264	-2-07	0-L10543	09/28/76	10	20:5.0	-	6.6	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.23
56-42	7959	-110.4264	-2-07	0-L10544	09/28/76	11	18:5.5	-	6.6	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.51
56-42	7959	-110.4264	-2-07	0-L10545	09/28/76	11	21:9.5	-	6.3	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.13
56-42	7959	-110.4264	-2-07	0-L10546	09/28/76	11	21:9.5	-	6.6	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42	7959	-110.4264	-2-07	0-L10547	09/28/76	12	22:9.0	-	5.9	17.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.23
56-42	7959	-110.4264	-2-07	0-L10549	09/28/76	12	23:10.0	-	6.3	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24
56-42	7959	-110.4264	-2-07	0-L10550	09/28/76	12	20:9.0	-	6.1	28.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
56-42	7959	-110.4264	-2-07	0-L10551	09/28/76	12	26:9.5	-	5.9	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.29
56-42	7959	-110.4264	-2-07	0-L10552	09/28/76	13	25:10.5	-	6.3	28.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.14
56-42	7959	-110.4264	-2-07	0-L10553	09/28/76	13	25:10.5	-	6.3	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.72
56-42	7959	-110.4264	-2-07	0-L10554	09/28/76	14	25:10.0	-	5.9	36.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.62
56-42	7959	-110.4264	-2-07	0-L10555	09/28/76	14	25:13.5	-	6.3	52.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.28
56-42	7959	-110.4264	-2-07	0-L10556	09/28/76	14	27:9.5	-	6.3	38.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.56
56-42	7959	-110.4264	-2-07	0-L10557	09/28/76	14	26:10.0	-	5.9	38.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.51
56-42	7959	-110.4264	-2-07	0-L10558	09/28/76	15	27:9.5	-	5.9	27.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.56
56-42	7959	-110.4264	-2-07	0-L10559	09/28/76	15	26:11.5	-	6.1	39.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.81
56-42	7959	-110.4264	-2-07	0-L10560	09/28/76	15	26:10.0	-	6.1	39.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.53
56-42	7959	-110.4264	-2-07	0-L10561	09/28/76	15	25:10.0	-	6.1	29.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16
56-42	7959	-110.4264	-2-07	0-L10562	09/28/76	15	27:10.0	-	5.9	40.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.76
56-42	7959	-110.4264	-2-07	0-L10563	09/28/76	16	24:10.5	-	5.9	33.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.50
56-42	7959	-110.4264	-2-07	0-L10564	09/28/76	16	26:10.0	-	6.1	20.0	-	-	-	-	-	-	-	-	-	-	-										

APPENDIX B-II (continued). Field Data and Uranium Concentrations for Water Samples-Preston

DOE SAMPLE NUMBER						LAST SAMPLE NUMBER AND FIELD DATA																				U CONCENTRATION							
STATE	LATITUDE	LONGITUDE	DOE IAP	SAMP. TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	PH	SPECIFIC CONDUCTANCE $\mu\text{mho cm}^{-1}$	SCINTILLOMETER cpd ppm	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	PELLET	WEATHER	OWNERSHIP	WELL TYPE	WELL DEPTH FEET	WATER DEPTH FEET	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DNC (n)	UNITS IN PPB
							DATE	HOUR																									
56-42	401	110.558	-2-07	U-10567	09/28/76	16	26-11.0	-	6.1	315	9-1-0-5-6-2-2-1-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-42	407	110.557	-2-07	U-10568	09/28/76	16	23-10.0	-	6.1	300	16-1-0-5-6-2-2-1-1-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24	
56-42	412	110.562	-2-07	U-10569	09/28/76	17	24-11.0	-	5.9	350	10-1-0-5-6-2-2-1-1-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.84	
56-42	413	110.554	-2-07	U-10570	09/28/76	17	23-10.5	-	6.1	335	13-1-0-5-6-2-2-1-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42	431	110.583	-2-07	U-10571	09/28/76	17	24-11.0	-	5.9	325	12-1-0-5-6-2-2-1-3-1-3-4-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.53	
56-42	447	110.581	-2-07	U-10572	09/28/76	17	22-10.5	-	5.9	285	9-1-0-5-6-3-3-1-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16	
56-42	443	110.571	-2-07	U-10573	09/28/76	17	22-10.0	-	5.9	310	12-1-0-5-6-2-2-1-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.36	
56-42	462	110.592	-2-07	U-10574	09/28/76	17	26-10.5	-	5.9	340	12-1-0-5-6-2-2-1-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.47	
56-42	461	110.593	-2-07	U-10575	09/28/76	17	24-10.0	-	5.9	280	12-1-0-5-6-2-2-1-3-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.51	
56-42	476	110.612	-2-07	U-10576	09/28/76	18	21-9.5	-	5.7	270	9-1-0-5-6-2-2-1-3-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25	
56-42	485	110.632	-2-07	U-10577	09/28/76	18	21-10.5	-	5.7	320	9-1-0-5-6-3-3-1-3-1-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.72	
56-42	497	110.654	-2-07	U-10578	09/28/76	18	20-10.0	-	5.7	245	12-1-0-5-6-2-2-1-3-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.61	
56-42	497	110.653	-2-07	U-10579	09/28/76	18	20-10.5	-	5.9	265	12-1-0-5-6-3-3-1-3-1-3-4-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.57	
56-42	215	110.531	-2-07	U-10580	09/29/76	11	21-10.0	-	6.1	600	10-1-0-5-6-2-2-1-3-4-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
56-42	211	110.543	-2-07	U-10582	09/29/76	11	21-11.5	-	6.1	650	13-1-0-5-6-2-2-1-3-4-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.01	
56-42	195	110.550	-2-07	U-10583	09/29/76	11	25-11.0	-	6.3	500	9-1-0-5-6-2-2-1-3-4-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.61	
56-42	183	110.550	-2-07	U-10584	09/29/76	12	26-11.0	-	6.1	550	7-1-0-5-6-2-2-1-3-4-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.65	
56-42	166	110.533	-2-07	U-10585	09/29/76	12	27-10.5	-	6.1	450	12-1-0-5-6-2-2-1-3-4-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.39	
56-42	021	110.702	-2-07	U-10587	09/29/76	13	23-11.0	-	6.1	440	10-1-0-5-6-2-2-1-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.51	
56-42	031	110.742	-2-07	U-10588	09/29/76	13	25-10.0	-	5.9	340	7-1-0-5-6-2-2-1-3-4-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.68	
56-42	033	110.744	-2-07	U-10589	09/29/76	13	24-10.5	-	5.9	390	10-1-0-5-6-2-2-1-3-4-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.34	
56-42	041	110.724	-2-07	U-10590	09/29/76	13	24-10.0	-	6.1	340	9-1-0-5-6-2-2-1-3-4-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.92	
56-42	048	110.508	-2-06	U-10591	09/29/76	14	23-9.0	-	6.0	260	12-1-0-5-7-2-2-1-3-1-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.68	
56-42	033	110.638	-2-07	U-10592	09/29/76	14	25-11.0	-	6.3	410	12-1-0-5-6-2-2-1-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.61	
56-42	041	110.622	-2-07	U-10593	09/29/76	14	26-10.5	-	6.1	520	7-1-0-5-7-2-2-1-3-4-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.42	
56-42	055	110.696	-2-07	U-10594	09/29/76	14	26-10.0	-	6.1	390	9-1-0-5-7-2-2-1-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.20	
56-42	057	110.696	-2-07	U-10595	09/29/76	14	26-10.5	-	5.9	400	10-1-0-5-6-2-2-2-3-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-</						

APPENDIX B-II (continued). Field Data and Uranium Concentrations for Water Samples-Preston

[illegible]

APPENDIX B-II (continued). Field Data and Uranium Concentrations for Water Samples-Preston

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																								U CONCENTRATION				
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (eU ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DNC (#) UNITS IN ppb
							DATE	HOUR																										
56-42.5267-110.1042-2-08-						4-L10721-09/30/76-15-	42-12.5-C-						6.8-	550-	24-1-1-																		0.50	
56-42.5278-110.1049-2-07-						0-L10722-09/30/76-15-	22-11.0-						6.4-	380-	10-1-1-5-6-2-3-1-3-4-3-2-1-																		0.42	

APPENDIX B-III

Field Data and Uranium Concentrations for Water Samples
in the Wyoming Portion of the Ogden NTMS Quadrangle

(See Appendix D for Codes to Listings)

APPENDIX B-III. Field Data and Uranium Concentrations for Water Samples-Ogden

APPENDIX B-III. Field Data and Uranium Concentrations for Water Samples

DOE SAMPLE NUMBER										LAST SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION													
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	PH	SPECIFIC CONDUCTANCE (micro m)	SCINTILLATION	BOC TYPE	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER COLOR	STEAM CHANNEL	VEGETATION TYPE	RELIEF	WETLAND	OWNERSHIP	WELL TYPE	WELL DIAMETER INCHES	WELL DEPTH FEET	WATER DEPTH FEET	ANALYZED BY	FLUOROMETRY OF DNC (+)	WATER SAMPLES	U CONCENTRATION IN UNITS IN PPM
							DATE	HOUP																									
55-41	1050-10	333-23	3-33	U-L	R001	07/30/77	10	10	51-14.0-C	51-14.0-C	6.3	370	4-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	0.45	
55-41	1050-10	333-23	3-33	U-L	R002	07/31/77	12	12	51-20.0-C	51-20.0-C	6.3	370	12-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.70
55-41	1050-10	333-23	3-33	U-L	R003	07/31/77	14	14	51-13.0-C	51-13.0-C	6.3	370	14-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	17.70
55-41	1050-10	333-23	3-33	U-L	R004	07/30/77	14	14	51-13.0-C	51-13.0-C	6.3	370	14-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	5.05
55-41	1050-10	333-23	3-33	U-L	R005	07/30/77	14	14	51-13.0-C	51-13.0-C	6.3	370	14-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.88
55-41	1050-10	333-23	3-33	U-L	R006	07/30/77	9	9	51-14.0-C	51-14.0-C	6.6	500	12-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.47
55-41	1050-10	333-23	3-33	U-L	R007	08/01/77	15	15	51-23.0-C	51-23.0-C	6.6	500	12-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.47
55-41	1050-10	333-23	3-33	U-L	R008	08/01/77	16	16	51-14.0-C	51-14.0-C	6.3	370	12-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.47
55-41	1050-10	333-23	3-33	U-L	R009	08/01/77	16	16	51-14.0-C	51-14.0-C	6.3	370	12-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.47
55-41	1050-10	333-23	3-33	U-L	R010	08/01/77	16	16	51-22.0-C	51-22.0-C	6.9	700	13-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	4.73
55-41	1050-10	333-23	3-33	U-L	R011	08/01/77	17	17	51-21.0-C	51-21.0-C	6.6	550	13-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.85
55-41	1050-10	333-23	3-33	U-L	R012	08/01/77	17	17	51-21.0-C	51-21.0-C	6.6	550	13-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	3.30
55-41	1050-10	333-23	3-33	U-L	R013	08/01/77	17	17	51-21.0-C	51-21.0-C	6.6	550	13-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.48
55-41	1050-10	333-23	3-33	U-L	R014	08/01/77	17	17	51-21.0-C	51-21.0-C	6.6	550	13-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	0.10
55-41	1050-10	333-23	3-33	U-L	R015	08/01/77	17	17	51-21.0-C	51-21.0-C	6.6	550	13-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	0.10
55-41	1050-10	333-23	3-33	U-L	R016	08/01/77	17	17	51-21.0-C	51-21.0-C	6.6	550	13-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	0.10
55-41	1050-10	333-23	3-33	U-L	R017	08/01/77	17	17	51-21.0-C	51-21.0-C	6.6	550	13-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	0.10
 																											

APPENDIX B-III (continued). Field Data and Uranium Concentrations for Water Samples-Ogden

DOE SAMPLE NUMBER					LASI SAMPLE NUMBER AND FIELD DATA																				U CONCENTRATION									
STATE	LATITUDE	LONGITUDE	DOE LAS	SAMPLE TYPE	REPLICATE	LASI SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCATLOMETER (AU nm)	POC TYPE	POC COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DNC (x) UNITS IN ppb
							DATE	HOUR																										
56-41	2722-110.8550-2-10	U-L	A201-08/12/76-11	27-19.70	-	H.1	700	7-1-0-5-0-2-1	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.90		
56-41	3328-110.0225-2-06	U-L	A202-08/12/76-11	27-9.0	-	6.6	800	9-1-0-5-0-2-2-1	-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.51		
56-41	3572-110.0150-2-10	U-L	A203-08/12/76-12	28-14.0	-	6.3	500	6-1-0-5-0-2-2-1	-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.82		
56-41	2911-110.0067-2-06	U-L	A213-08/12/76-14	28-10.0	-	6.6	900	6-1-0-5-0-2-2-1	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.99		
56-41	2733-110.0067-2-10	U-L	A214-08/12/76-14	27-20.5	-	7.2	1600	10-1-0-5-0-2-2-2	-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.51		
56-41	2689-110.0097-2-10	U-L	A216-08/12/76-14	27-22.0	-	6.6	500	9-1-0-5-0-2-2-1	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.52		
56-41	2583-110.0486-2-10	U-L	A217-08/12/76-14	27-21.0	-	6.3	700	10-1-0-5-0-2-2-2	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.67		
56-41	3239-110.0011-2-07	U-L	A220-08/12/76-15	26-15.0	-	6.3	1600	4-1-0-5-0-2-2-1	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.80		
56-41	3011-110.0917-2-07	U-L	A221-08/12/76-16	26-17.0	-	6.3	200	4-1-0-5-0-2-2-1	-4-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.86		
56-41	3014-110.0936-2-07	U-L	A222-08/12/76-16	27-17.0	-	6.3	2300	10-1-0-5-0-2-2-1	-4-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.10		
56-41	2537-110.0158-2-07	U-L	A223-08/12/76-16	26-18.0	-	6.3	240	4-1-0-5-0-2-2-1	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.41		
56-41	3589-110.0208-2-10	U-L	A225-08/12/76-17	26-21.0	-	H.1	1350	1-1-0-5-0-2-2-2	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30		
56-41	3061-110.0339-2-06	U-L	A227-08/12/76-17	26-13.0	-	6.0	500	4-1-0-5-0-2-2-1	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.52		
56-41	3261-110.0242-2-06	U-L	A228-08/12/76-17	26-10.0	-	6.3	000	1-1-0-5-0-2-2-1	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.15		
56-41	3494-110.0204-2-10	U-L	A229-08/12/76-18	26-22.0	-	6.3	1100	7-1-0-5-0-2-2-2	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.77		
56-41	3367-110.0789-2-07	U-L	A234-08/14/76-11	26-18.0	-	6.6	900	6-1-0-5-0-2-2-1	-3-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-41	2144-110.0208-2-07	U-L	A238-08/18/76-10	26-17.0	-	6.3	300	7-1-0-4-0-2-2-1-1	-3-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.89		
56-41	2067-110.0048-2-07	U-L	A239-08/18/76-10	26-17.0	-	6.6	600	7-1-0-4-0-2-2-1-1	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.53		
56-41	1803-110.0087-2-07	U-L	A240-08/18/76-11	26-20.0	-	6.3	170	7-1-0-5-0-2-2-1	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.98		
56-41	1728-110.0367-2-06	U-L	A241-08/16/76-11	26-12.0	-	6.3	500	10-1-0-5-0-2-2-1	-3-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.20		
56-41	1633-110.0389-2-07	U-L	A242-08/16/76-11	19-19.0	-	7.2	600	1-1-0-5-0-2-2-1	-3-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.74		
56-41	1642-110.0406-2-07	U-L	A244-08/16/76-12	26-19.0	-	7.2	700	10-1-0-4-0-2-2-1-1	-3-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.54		
56-41	1358-110.0344-2-10	U-L	A249-08/16/76-12	23-19.0	-	6.9	700	9-1-0-5-0-2-2-1	-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.74		
56-41	1231-110.0364-2-06	U-L	A250-08/16/76-14	25-12.0	-	6.3	400	9-1-0-5-0-2-2-1	-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.59		
56-41	1031-110.0028-2-07	U-L	A253-08/10/76-13	26-19.0	-	6.6	450	4-1-0-5-0-2-2-1	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.53		
56-41	4400-110.0230-2-06	U-L	A261-08/16/76-16	25-21.0	-	6.6	500	7-1-0-5-0-2-2-1	-3-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.27		
56-41	0100-110.0041-2-07	U-L	A266-08/17/76-13	25-18.0	-	6.6	500	4-1-0-5-0-2-2-1	-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.44		
56-41	0550-110.0014-2-06	U-L	A267-08/17/76-13	26-12.0	-	7.5	800	4-1-0-5-0-2-3-1	-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.93		
56-41	1037-110.0122-2-06	U-L	A268-08/17/76-14	26-16.0	-	6.6	600	9-1-0-5-0-2-2-1	-4-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.37		
56-41	1019-110.0122-2-06	U-L	A269-08/17/76-14	26-18.0	-	7.0	600	4-1-0-5-0-2-2-1	-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.90		
56-41	1242-110.0139-2-06	U-L	A270-08/17/76-14	26-16.0	-	6.1	700	12-1-0-5-0-2-2-1	-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.29		
56-41	0171-110.0022-2-10	U-L	A273-08/17/76-15	24-18.0	-	7.8	800	4-1-0-5-0-1-2-1	-3-3-4-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.83		
56-41	0333-110.0067-2-07	U-L	A275-08/17/76-16	24-17.0	-	6.6	500	4-1-0-5-0-2-2-1	-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.57		
56-41	0408-110.0330-2-06	U-L	A277-08/17/76-16	24-14.0	-	6.9	750	9-1-0-5-0-3-3-1	-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10		
56-41	0550-110.0203-2-07	U-L	A278-08/17/76-16	24-14.0	-	6.5	190	9-1-0-5-0-3-3-1	-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.35		
56-41	0044-110.0330-2-07	U-L	A279-08/17/76-17	24-18.0	-	6.6	370	9-1-0-5-0-2-2-1	-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21		
56-41	0073-110.0122-2-07	U-L	A280-08/17/76-17	22-17.0	-	6.4	430	4-1-0-5-0-2-2-1	-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.65		
56-41	0100-110.0015-2-07	U-L	A281-08/17/76-18	21-17.0	-	7.2	950	6-1-0-4-6	-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.65		
56-41	0758-110.0009-2-07	U-L	A282-08/17/76-16	21-18.0	-	6.6	400	6-1-0-5-0-2-2-1	-4-3-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.26		
56-41	1511-110.0060-2-07	U-L	A285-08/17/76-18	21-16.0	-	6.9	490	4-1-0-5-0-2-2-1	-4-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.38		
56-41	1350-110.0022-2-10	U-L	A288-08/17/76-18	21-16.0	-	8.2	500	4-1-0-5-0-1-3-3	-3-3-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.70		
56-41	2591-110.0306-2-06	U-L	A292-08/19/76-11	25-16.0	-	6.5	800	7-1-0-5-0-8-2-2-1	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80		
56-41	3358-110.0644-2-10	U-L	A293-08/19/76-13	26-21.0	-	6.8	370	6-1-0-5-0-6	-2-1	-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.32		
56-41	3058-110.0344-2-10	U-L	A295-08/19/76-14	26-22.0	-	6.4	220	10-1-0-5-0-6	-2-1	-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.63		
56-41	1944-110.0094-2-07	U-L	A302-08/19/76-16	26-18.0	-	6.9	1000	10-1-0-5-0-6-2-2-1	-1-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.51		
56-41	2464-110.0339-2-07	U-L	A309-08/19/76-18	24-17.0	-	6.3	410	4-1-0-5-0-6-2-2-1	-1-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.40		
56-41	3161-110.0539-2-07	U-L	A312-08/22/76-9	22-18.0	-	6.3	230	6-1-0-5-0-6-2-3-1	-4-3-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.12		
56-41	3578-110.0612-2-07	U-L	A314-08/22/76-9	25-18.0	-	6.3	1900	3-1-0-5-0-6-2-3-1	-4-3-2-2	-1	-	-	-	-	-	-	-	-	-															

APPENDIX B-III (continued). Field Data and Uranium Concentrations for Water Samples-Ogden

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																		U CONCENTRATION										
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (cpm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	BELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DNC (+) UNITS IN ppb
							DATE	HOUR																										
56-41	1744-110	1833-2-07				A327-08/22/74-13	30-17		6.6	500			6.6	500	12-1-5-7-3-3-3	3-3-2-2	1																	8.31
56-41	0261-110	1618-2-07				A335-08/22/74-14	31-17		6.6	500			6.6	500	6-1-5-6-2-3-1	4-3-2-2	1																	0.92
56-41	0069-110	1689-2-07				A336-08/22/74-14	31-16		6.6	280			6.6	280	5-1-5-6-2-3-1	4-3-2-2	1																	0.36
56-41	2556-110	1912-2-07				A339-08/22/74-14	30-17		6.6	600			6.6	600	4-1-5-7-3-3-3	3-3-2-2	1																	18.00*
56-41	2736-110	1826-2-07				A340-08/22/74-16	30-17		6.6	600			6.6	600	12-1-5-4-7-3-3-3	4-3-2-2	1																	14.70*
56-41	3133-110	2472-2-10				A341-08/22/74-16	28-18		7.2	3450			7.2	3450	11-1-5-5-6-1-3-1	4-3-2-3	1																	229.80*
56-41	2933-110	207-2-07				A342-08/22/74-17	25-17		6.9	1900			6.9	1900	9-1-5-7-3-3-3	3-3-2-3	1																	50.40*
56-41	3653-110	2594-2-07				A344-08/24/74-10	20-18		6.3	2400			6.3	2400	9-1-5-7-2-2-2	3-2-2-1	1																	20.90*
56-41	3428-110	2439-2-10				A345-08/24/74-10	24-21		6.6	2600			6.6	2600	11-1-5-7-2-2-2	3-2-2-1	1																	138.00*
56-41	3541-110	2017-2-07				A346-08/24/74-10	25-19		6.6	1450			6.6	1450	10-1-5-6-7-2-2-1	3-2-2-1	1																	61.90*
56-41	3694-110	2434-2-07				A353-08/24/74-12	25-19		6.6	2600			6.6	2600	11-1-5-6-3-3-1	3-2-2-1	1																	32.80*
56-41	4411-110	022-2-07				A373-08/24/74-16	28-16		6.6	1050			6.6	1050	9-1-5-8-2-2-1	3-2-2-1	1																	41.80*
56-41	4406-110	022-2-07				A374-08/24/74-16	28-16		6.6	1000			6.6	1000	11-1-5-8-2-2-1	3-2-2-1	1																	47.50*
56-41	1999-110	112-2-07				A377-08/25/74-11	27-16		6.3	210			6.3	210	11-1-5-6-3-3-1	2-3-2-1	1																	0.74
56-41	1661-110	4207-2-07				A378-08/25/74-11	27-16		6.3	120			6.3	120	12-1-5-6-7-2-2-1	2-3-2-1	1																	0.26
56-41	1853-110	437-2-07				A379-08/25/74-12	27-16		6.6	600			6.6	600	6-1-5-6-3-3-1	4-3-2-1	1																	6.98
56-41	1472-110	4411-2-07				A380-08/25/74-12	27-16		6.6	500			6.6	500	9-1-5-6-3-3-1	4-3-2-2	1																	3.30
56-41	2153-110	514-2-07				A381-08/25/74-12	27-16		6.3	500			6.3	500	4-1-5-6-2-2-1	4-3-2-2	1																	1.67
56-41	2261-110	4433-2-07				A382-08/25/74-13	27-16		6.6	460			6.6	460	4-1-5-6-2-2-1	4-3-2-2	1																	0.52
56-41	2461-110	4118-2-07				A383-08/25/74-13	27-16		6.6	500			6.6	500	9-1-5-6-3-3-1	4-3-2-2	1																	7.65
56-41	3200-110	4562-2-07				A384-08/26/74-18	21-15		6.3	950			6.3	950	11-1-5-7-2-2-1	3-2-3-1	1																	17.40*
56-41	3008-110	4272-2-07				A406-08/26/74-13	23-		7.2	1100			7.2	1100	11-1-5-7-2-2-1	3-2-3-1	1																	10.40*
56-41	1511-110	1256-2-10				A407-08/28/74-11	17-10		6.6	600			6.6	600	7-1-5-6-1-3-3	4-3-3-1	1																	2.02
56-41	1489-110	0624-2-07				A408-08/28/74-12	22-13		6.3	500			6.3	500	15-1-5-6-3-3-3	4-3-3-1	1																	1.65
56-41	1317-110	0506-2-07				A409-08/28/74-12	17-13		6.3	550			6.3	550	12-1-5-6-3-3-1	4-3-3-1	1																	2.05
56-41	1694-110	0561-2-07				A410-08/28/74-12	19-15		6.6	450			6.6	450	3-1-5-6-3-3-1	4-3-2-1	1																	2.10
56-41	1778-110	0325-2-07				A412-08/28/74-13	22-16		7.2	700			7.2	700	4-1-5-6-7-2-2-1	4-3-3-1	1																	7.72
56-41	2278-110	0100-2-07				A415-08/28/74-13	21-15		6.6	650			6.6	650	12-1-5-6-3-3-1	4-3-3-1	1																	6.86
56-41	2256-110	3989-2-07				A416-08/28/74-14	21-16		6.6	550			6.6	550	6-1-5-6-2-2-1	4-3-3-1	1																	3.18
56-41	2019-110	3722-2-07				A417-08/28/74-14	23-16		6.3	300			6.3	300	9-1-5-6-2-2-1	4-3-3-1	1																	2.84
56-41	1914-110	3811-2-07				A418-08/28/74-14	23-16		6.6	900			6.6	900	12-1-5-6-7-2-2-1	3-3-3-1	1																	9.11
56-41	1911-110	3718-2-07				A419-08/28/74-14	23-		6.6	450			6.6	450	7-1-5-6-2-2-1	3-3-3-1	1																	4.45
56-41	2264-110	3033-2-07				A420-08/28/74-15	24-12		6.9	350			6.9	350	4-1-5-6-2-2-1	3-3-2-1	1																	1.57
56-41	1261-110	3366-2-07				A422-08/28/74-14	25-17		6.3	110			6.3	110	9-1-5-6-2-2-1	3-3-2-1	1																	0.33
56-41	1261-110	3244-2-07				A423-08/28/74-15	21-15		6.3	3600			6.3	3600	1-1-5-6-2-2-1	4-3-3-1	1																	0.72
56-41	1260-110	4144-2-07				A427-08/28/74-16	22-15		6.0	3300			6.0	3300	4-1-5-7-2-2-1	4-3-3-1	1																	0.53
56-41	0564-110	3764-2-07				A428-08/28/74-16	23-16		6.3	3300			6.3	3300	9-1-5-6-2-2-1	3-3-1-1	1																	0.71
56-41	0572-110	3744-2-07				A429-08/28/74-16	27-16		6.1	850			6.1	850	6-1-5-6-3-3-1	4-3-2-1	1																	0.20
56-41	0430-110	3514-2-07				A430-08/28/74-16	14-15		6.0	1000			6.0	1000	4-1-5-6-3-3-1	4-3-3-1	1																	1.14
56-41	0476-110	0168-2-07				A431-08/28/74-16	24-15		6.3	3600			6.3	3600	6-1-5-7-6-2-2-1	3-3-2-1	1																	0.10
56-41	1142-110	0844-2-07				A433-08/28/74-11	24-18		6.3	2000			6.3	2000	6-1-5-6-2-2-1	3-2-3-1	1																	1.14
56-41	0331-110	0394-2-07				A435-08/28/74-12	28-19		6.6	4200			6.6	4200	11-1-5-4-0-2-2-1	1-1-2-3-1	1																	2.61
56-41	0611-110	0718-2-07				A436-08/28/74-13	28-17		6.5	700			6.5	700	12-1-5-4-0-2-2-1	1-1-3-2-3-1	1																	1.89
56-41	0542-110	1430-2-07				A437-08/28/74-13	28-16		6.9	500			6.9	500	12-1-5-4-0-2-2-1	1-1-3-2-3-1	1																	3.54
56-41	0178-110	0912-2-07				A438-08/28/74-14	28-17		6.6	500			6.6	500	11-1-5-4-0-2-2-1	1-1-3-2-3-1	1																	1.80
56-41	0022-110	0612-2-07				A439-08/28/74-14	27-18		6.5	450			6.5	450	12-1-5-4-0-2-2-1	1-1-3-2-3-1	1																	3.56
56-41	0739-110	1630-2-07				A440-08/28/74																												

APPENDIX B-III (continued). Field Data and Uranium Concentrations for Water Samples-Ogden

[illegible]

APPENDIX B-III (continued). Field Data and Uranium Concentrations for Water Samples-Ogden

[illegible]

APPENDIX C

LISTINGS OF FIELD DATA AND URANIUM CONCENTRATIONS FOR SEDIMENT SAMPLES

APPENDIX C-I

Field Data and Uranium Concentrations for Sediment Samples
in the Wyoming Portion of the Driggs NTMS Quadrangle

(See Appendix D for Codes to Listings)

APPENDIX C-I. Field Data and Uranium Concentrations for Sediment Samples-Driggs

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																			U CONCENTRATION								
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (cpm)	ROCK TYPE	ROCK CO OR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL VEGETATION TYPE	VEGETATION DENSITY	BELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
							DATE	HOUR																									
56-43.9100-110.1777-2-11						U-L12001-10/16/77-10	5-10	0-C	1450	20-1	4-5-3-2-3-1-1-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.90	
56-43.9078-110.1408-2-12						U-L12002-10/16/77-11	9-5	0-C	285	8-1	7-3-7-3-3-1-2-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.40	
56-43.9061-110.1617-2-12						U-L12003-10/19/77-11	9-4	0-C	190	6-1	7-2-7-3-2-1-2-4-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.50	
56-43.9025-110.1569-2-12						U-L12004-10/16/77-11	10-5	0-C	220	-1	7-3-7-2-2-1-2-3-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.40	
56-43.9111-110.1333-2-12						U-L12005-10/16/77-12	15-4	0-C	90	-1	7-4-8-2-3-1-2-1-3-4-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.90	
56-43.9111-110.1231-2-12						U-L12006-10/16/77-1	14-4	5-	80	7-1	7-1-6-3-3-1-2-5-3-4-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.90	
56-43.9214-110.0678-2-12						U-L12007-10/16/77-3	15-7	0-C	50	8-3	7-5-6-3-2-1-2-4-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.50	
56-43.9183-110.6717-2-12						U-L12008-10/16/77-15	15-3	5-	22	6-4	-5-6-2-2-1-2-4-4-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.50	
56-43.9203-110.0584-2-12						U-L12009-10/16/77-16	10-5	0-C	84	-3	7-4-6-3-3-1-2-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.70	
56-43.9225-110.2672-2-12						U-L12010-10/17/77-12	9-3	5-	310	10-2	7-6-6-2-2-1-2-5-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90	
56-43.9225-110.2639-2-12						U-L12011-10/17/77-12	11-4	0-	110	12-2	7-1-7-3-3-1-2-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.40	
56-43.9508-110.2142-2-12						U-L12012-10/17/77-13	16-7	0-	290	7-1	3-5-6-2-2-1-2-3-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90	
56-43.9811-110.1489-2-11						U-L12013-10/17/77-17	15-5	0-C	85	13-3	7-4-6-3-3-1-2-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.90	
56-43.9794-110.1428-2-12						U-L12014-10/17/77-17	5-3	0-C	75	12-3	7-3-3-4-2-3-1-2-5-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.80	
56-43.9783-110.1108-2-12						U-L12015-10/18/77-10	8-3	0-C	65	9-4	1-5-6-2-3-1-3-5-3-3-1	-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20	
56-43.9792-110.1086-2-12						U-L12016-10/18/77-10	9-2	0-C	45	5-3	7-2-7-3-3-1-2-3-3-1-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10	
56-43.9817-110.1725-2-12						U-L12017-10/18/77-11	8-4	0-	70	9-3	7-4-6-3-3-1-2-4-4-4-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00	
56-43.9831-110.1200-2-12						U-L12018-10/18/77-11	8-5	0-C	60	10-3	7-1-7-2-2-1-2-4-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30	
56-43.9789-110.1636-2-12						U-L12019-10/18/77-13	16-1	0-C	65	11-3	7-3-6-2-2-1-2-3-3-2-1	-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-43.9797-110.1781-2-15						U-L12020-10/18/77-13	15-	-C	-	14-3	1-3-1-1-2-4-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40	
56-43.9700-110.5381-2-12						U-L12021-10/21/77-13	15-4	0-	250	11-1	7-4-5-1-2-1-2-2-3-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30	
56-43.9081-110.4372-2-12						U-L12022-10/21/77-14	13-3	0-C	280	11-2	8-4-8-2-2-1-2-1-3-4-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.70	
56-43.9611-110.6436-2-15						U-L12023-10/21/77-15	13-	-C	-	8-2	7-3-6-1-1-1-3-3-3-0	-0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10	
56-43.9289-110.6467-2-12						U-L12024-10/21/77-16	14-5	0-C	190	6-2	7-4-6-2-2-1-2-3-2-2-3	-0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.90	
56-43.9094-110.6464-2-12						U-L12025-10/21/77-16	11-8	0-C	213	7-2	7-4-6-3-2-1-2-4-2-2-3	-0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40	
56-43.8767-110.4878-2-12						U-L12026-10/21/77-17	10-7	0-C	230	10-2	7-2-6-3-2-1-2-4-3-2-1	-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20	
56-43.9483-110.4283-2-12						U-L12027-10/21/77-8	3-6	0-C	550	15-4	-4-7-2-2-1-2-1-3-2-1	-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10	
56-43.9489-110.4181-2-12						U-L12028-10/22/77-9	8-8	3-0-	220	11-2	7-5-7-2-2-1-2-1-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.70	
56-43.9600-110.4111-2-12						U-L12029-10/22/77-9	10-2	0-	140	12-1	1-4-6-3-2-1-2-4-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.60	
56-43.9558-110.3922-2-15						U-L12030-10/22/77-10	5-	-C	-	4-2	7-3-6-1-1-2-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30	
56-43.9703-110.3700-2-12						U-L12031-10/22/77-11	15-5	5-0-	230	9-2	7-4-6-3-2-1-2-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40	
56-43.9744-110.3719-2-12						U-L12032-10/22/77-12	15-6	0-	195	8-2	7-5-6-3-2-1-2-4-2-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80	
56-43.9864-110.3323-2-12						U-L12033-10/22/77-13	14-3	0-C	220	17-1	6-5-6-2-2-1-2-4-3-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40	
56-43.7617-110.7756-2-12						U-L12035-10/24/77-12	6-	-C	-	15-1	8-4-4-1-1-2-1-3-4-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.40	
56-43.9911-110.2989-2-12						U-L12036-10/23/77-10	3-	-C	170	18-1	7-5-6-3-3-1-2-1-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.10	
56-43.9861-110.2983-2-12						U-L12037-10/23/77-10	8-	-C	190	12-4	-4-6-2-2-1-2-3-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90	
56-43.9731-110.2614-2-12						U-L12038-10/23/77-11	5-	4.5-C	850	17-1	7-6-8-2-3-1-2-3-3-4-1	-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-43.9589-110.2619-2-12						U-L12039-10/23/77-13	6-	2.0-C	410	2-1	1-5-6-2-2-1-2-1-2-3-1	-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10	
56-43.9439-110.2919-2-12						U-L12040-10/23/77-14	11-	-C	-	8-4	-5-6-2-2-1-2-4-4-3-1	-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20	
56-43.9397-110.2903-2-12						U-L12041-10/23/77-14	10-	6.0-C	215	6-1	7-5-6-2-3-2-2-4-6-2-1	-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-43.9317-110.3107-2-12						U-L12042-10/23/77-15	11-	3.0-C	175	12-4	-6-6-2-2-1-2-5-3-3-1	-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90	
56-43.9194-110.3311-2-12						U-L12043-10/22/77-15	12-	-C	-	4-2	7-4-6-1-1-2-6-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20	
56-43.9139-110.3225-2-12						U-L12044-10/22/77-16	12-	-C	-	4-1	7-4-6-1-1-2-6-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.50	
56-43.9014-110.3444-2-12						U-L12045-10/23/77-16	11-	-C	-	13-2	4-2-6-1-1-2-6-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20	
56-43.8997-110.3586-2-12						U-L12046-10/23/77-16	9-	4.0-	280	9-1	1-3-7-2-2-1-2-4-7-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50	
56-43.8014-110.3644-2-12						U-L12047-10/23/77-17	9-	3.0-	285	3-1	1-																						

APPENDIX C-I (continued). Field Data and Uranium Concentrations for Sediment Samples-Driggs

DOE SAMPLE NUMBER					LASI SAMPLE NUMBER AND FIELD DATA																		U CONCENTRATION												
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASI SAMPLE NUMBER	TIME SAMPLED	DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (c.u. ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
56-43	7786	-110.8211	-2-12-	0-L12053	-10/24/77-14-	6-	5.4	-	-	-	19-	19-2-7-5-8-2-2-1-2-3-2-5-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.00		
56-43	7675	-110.8200	-2-12-	0-L12054	-10/24/77-14-	6-	4.0	-	-	-	14-	20-2-4-2-1-3-2-1-2-3-2-5-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71.00		
56-43	7642	-110.8142	-2-12-	0-L12055	-10/24/77-15-	6-	4.0	-	-	-	51-	20-2-1-3-1-2-2-1-2-1-3-5-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.90		
56-43	7692	-110.7517	-2-12-	0-L12056	-10/24/77-16-	6-	4.0	-	-	-	31-	25-2-1-3-1-2-2-1-2-4-3-3-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	220.20		
56-43	7500	-110.7601	-2-12-	0-L12057	-10/24/77-17-	5-	4.0	-	-	-	32-	25-1-7-6-8-3-2-1-2-1-2-4-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.40		
56-43	9061	-110.9717	-2-12-	0-L12058	-10/25/77-16-	7-	4.5	-	-	-	21-	25-1-7-3-6-2-2-1-2-4-3-6-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.50		
56-43	9074	-110.9950	-2-15-	0-L12059	-10/25/77-16-	7-	-	-	-	-	-	24-1-6-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.90	
56-43	8831	-110.9447	-2-12-	0-L12060	-10/26/77-10-	10-	4.0	-	-	-	40-	14-2-1-4-6-2-2-1-2-3-3-4-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.00		
56-43	8867	-110.9156	-2-15-	0-L12061	-10/26/77-11-	9-	-	-	-	-	-	10-2-1-3-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.80	
56-43	8831	-110.8947	-2-12-	0-L12062	-10/29/77-11-	10-	6.5	-	-	-	19-	15-2-1-3-1-1-2-1-2-4-2-4-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.40	
56-43	8961	-110.8736	-2-12-	0-L12063	-10/26/77-13-	11-	3.5	-	-	-	22-	25-2-8-2-4-3-2-1-2-4-3-5-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.70	
56-43	8983	-110.8628	-2-12-	0-L12064	-10/26/77-15-	11-	7.4	-	-	-	17-	5-2-7-1-7-4-2-1-2-3-3-5-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.90	
56-43	9008	-110.8674	-2-12-	0-L12065	-10/26/77-16-	10-	5.0	-	-	-	25-	8-2-7-3-2-3-2-1-2-3-4-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.90	
56-43	9089	-110.8747	-2-12-	0-L12066	-10/26/77-16-	9-	5.0	-	-	-	25-	6-2-7-3-7-2-2-2-1-1-2-4-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.00	
56-43	9319	-110.8828	-2-12-	0-L12067	-10/26/77-17-	9-	5.0	-	-	-	110-	12-2-7-2-7-3-2-1-2-4-3-5-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40	
56-43	9342	-110.9058	-2-12-	0-L12068	-10/21/77-10-	4-	3.0	-	-	-	19-	15-3-1-4-6-2-2-1-2-5-2-4-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.30	
56-43	9569	-110.9342	-2-12-	0-L12069	-10/26/77-11-	14-	4.0	-	-	-	59-	5-2-7-6-6-2-2-1-2-4-3-3-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.80	
56-43	9A31	-110.9769	-2-12-	0-L12070	-10/26/77-13-	14-	4.5	-	-	-	235-	6-2-7-4-6-3-2-1-1-4-3-4-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30	
56-43	6942	-110.7322	-2-12-	0-L12071	-10/18/77-18-	15-	8.5	-	-	5.5	33-	4-1-7-3-7-3-2-1-2-4-2-7-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86.40	
56-43	6483	-110.7525	-2-12-	0-L12072	-10/19/77-8-	2-	0.5	-	-	5.7	79-	5-1-7-3-7-2-2-1-2-3-3-4-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.70	
56-43	6456	-110.7658	-2-15-	0-L12073	-10/19/77-9-	-	-	-	-	-	-	11-1-7-3-7-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.30
56-43	6692	-110.8764	-2-12-	0-L12074	-10/19/77-16-	17-	2.5	-	-	6.4	165-	10-2-7-3-6-3-2-1-2-4-3-5-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.20	
56-43	6656	-110.8539	-2-12-	0-L12075	-10/19/77-17-	7-	2.0	-	-	7.1	110-	14-2-7-3-6-3-2-1-2-1-3-5-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.00	
56-43	6664	-110.8411	-2-12-	0-L12076	-10/19/77-18-	15-	2.0	-	-	7.4	165-	14-2-7-3-6-3-2-1-2-1-3-5-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.80	
56-43	6525	-110.8564	-2-12-	0-L12077	-10/19/77-19-	8-	3.5	-	-	7.4	130-	13-1-7-3-6-3-2-1-2-1-3-5-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.90	
56-43	9819	-110.6422	-2-12-	0-L12078	-10/20/77-12-	19-	5.0	-	-	7.2	300-	10-4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.80
56-43	9819	-110.6400	-2-12-	0-L12079	-10/24/77-12-	19-	5.0	-	-	7.5	258-	10-4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00
56-43	9050	-110.6161	-2-15-	0-L12080	-10/20/77-13-	21-	-	-	-	-	-	5-9-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.00
56-43	9072	-110.5972	-2-15-	0-L12081	-10/20/77-14-	21-	-	-	-	-	-	3-4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00
56-43	9039	-110.5892	-2-12-	0-L12082	-10/20/77-13-	18-	8.5	-	-	7.8	100-	10-4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40
56-43	9269	-110.5675	-2-12-	0-L12083	-10/20/77-15-	19-	7.5	-	-	7.6	215-	12-1-1-3-7-3-2-1-2-1-3-4-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00	
56-43	9250	-110.5661	-2-12-	0-L12084	-10/26/77-15-	19-	5.0	-	-	7.9	100-	5-1-1-2-7-3-2-1-2-1-3-3-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10	
56-43	8508	-110.5164	-2-12-	0-L12085	-10/24/77-17-	15-	10.0	-	-	7.6	220-	8-3-1-3-7-3-2-1-2-1-3-3-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-43	8563	-110.5792	-2-12-	0-L12087	-10/20/77-18-	16-	15.0	-	-	7.8	370-	4-1-3-4-7-3-2-1-2-4-3-2-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00	
56-43	6636	-110.6314	-2-15-	0-L12088	-10/20/77-18-	14-	-	-	-	-	-	7-4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30
56-43	6572	-110.7794	-2-12-	0-L12089	-10/22/77-8-	13-	2.0	-	-	6.0	37-	7-1-4-2-7-3-2-1-2-1-3-3-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.10	
56-43	6831	-110.7550	-2-12-	0-L12090	-10/22/77-10-	17-	3.0	-	-	6.5	75-	13-1-4-3-7-3-2-1-2-1-3-2-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.40	
56-43	9450	-110.7919	-2-12-	0-L12091	-10/21/77-10-	9-	3.5	-	-	7.1	80-	12-2-7-2-7-3-2-1-2-1-3-5-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.00	
56-43	9283	-110.7831	-2-12-	0-L12092	-10/21/77-10-	20-	5.0	-	-	6.7	45-	22-2-7-2-7-3-2-1-2-1-2-5-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.20	
56-43	9131	-110.7094	-2-12-	0-L12093	-10/21/77-11-	20-	4.5	-	-	3.7	55-	10-2-7-2-7-3-2-1-2-1-2-5-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.70	
56-43	8619	-110.7536	-2-12-	0-L12094	-10/21/77-15-	0-	4.0	-	-	6.7	30-	7-2-7-1-7-3-2-1-2-1-3-5-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.00	
56-43	6936	-110.7542	-2-12-	0-L12095	-10/22/77-11-	20-	4.0	-	-	6.9	00-	22-1-4-3-6-3-2-1-2-1-3-3-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.40	
56-43	7053	-110.7547	-2-12-	0-L12096	-10/22/77-12-	22-	4.0	-	-	7.5	38-	12-2-7-2-6-3-2-1-2-1-3-5-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87.70	
56-43	7197	-110.7653	-2-12-	0-L12097	-10/22/77-16-	22-	4.0	-	-	7.1	33-	6-2-7-1-6-5-2-1-2-1-2-5-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73.10	
56-43	7283	-110.7400	-2-12-	0-L12098	-10/22/77-17-	20-	-	-	-	4.5	17-	18-2-7-1-7-3-2-1-2-1-3-5-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183.20	
56-43	7478	-110.7433	-2-12-	0-L12099	-10/22/77-18-	15-	4.0	-	-	6.0	25-	10-2-7-3-7-3-2-1-2-1-3-5-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.10	
56-43	7700	-109.2575	-2-12-	0-L12100	-10/24/77-10-	10																													

APPENDIX C-I (continued). Field Data and Uranium Concentrations for Sediment Samples-Driggs

DOE SAMPLE NUMBER				LAST SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION																					
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SECUR. CONDUCTANCE (micro m)	SCINTILLOMETER (cpm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	VEGETATION TYPE	BLIFF	WEATHED	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNCC) UNITS IN PPM			
56-43	8181-110	7517-2-12	-	-	-	0-L12105	10/23/77	14	15	6.0-C	-	-	-	22	-	8-2	7-1	7-3	2-1	2-3	2-5	2	-	-	-	-	-	-	-	-	-	9.50			
56-43	8831-110	9419-2-12	-	-	-	0-L12106	10/26/77	9	9	4.5-C	-	-	-	120	-	10-2	4-2	2-2	2-1	2-1	3-4	3	-	-	-	-	-	-	-	-	-	7.00			
56-43	8858-110	9146-2-12	-	-	-	0-L12107	10/26/77	11	11	4.5	-	-	-	27	-	9-2	4-2	2-1	2-1	3-4	3	-	-	-	-	-	-	-	-	-	-	7.10			
56-43	8819-110	9939-2-12	-	-	-	0-L12108	10/26/77	11	9	4.0	-	-	-	20	-	9-2	1-4	2-1	2-1	3-4	3	-	-	-	-	-	-	-	-	-	-	22.80			
56-43	9094-110	9764-2-12	-	-	-	0-L12109	10/26/77	16	9	4.0	-	-	-	18	-	14-2	2-2	3-2	2-1	1-3	5-3	-	-	-	-	-	-	-	-	-	-	1.60			
56-43	9356-110	9661-2-12	-	-	-	0-L12110	10/27/77	10	4	2.5	-	-	-	55	-	10-2	2-2	3-2	2-1	2-1	3-5	1	-	-	-	-	-	-	-	-	-	-	1.80		
56-43	9579-110	9311-2-15	-	-	-	0-L12111	10/27/77	12	9	-	-	-	-	80	-	11-2	2-3	2-1	2-1	2-5	1	-	-	-	-	-	-	-	-	-	-	-	5.10		
56-43	9825-110	9797-2-12	-	-	-	0-L12112	10/27/77	14	8	5.5	-	-	-	160	-	15-3	1-1	3-4	2-1	2-1	3-5	1	-	-	-	-	-	-	-	-	-	-	5.10		
56-43	9867-110	9492-2-12	-	-	-	0-L12113	10/27/77	15	15	5.0	-	-	-	35	-	10-3	1-4	2-2	2-1	2-4	2-3	1	-	-	-	-	-	-	-	-	-	-	7.00		
56-43	9894-110	9981-2-12	-	-	-	0-L12114	10/26/77	18	11	3.0-C	-	-	-	200	-	8-1	1-5	3-2	2-1	2-5	3-4	3	-	-	-	-	-	-	-	-	-	-	2.30		
56-43	9911-110	9350-2-12	-	-	-	0-L12115	10/28/77	11	7	4.0	-	-	-	-	-	8-1	1-3	1	-	3-3	3-4	2	-	-	-	-	-	-	-	-	-	-	2.50		
56-43	9917-110	9347-2-15	-	-	-	0-L12116	10/28/77	12	9	-	-	-	-	-	-	6-1	1-2	2-1	2-1	2-1	3-5	1	-	-	-	-	-	-	-	-	-	-	2.50		
56-43	9981-110	9528-2-15	-	-	-	0-L12117	10/28/77	12	7	4.0	-	-	-	210	-	5-1	2-2	3-2	2-1	2-1	3-5	1	-	-	-	-	-	-	-	-	-	-	-	2.20	
56-43	9861-110	9556-2-12	-	-	-	0-L12118	10/28/77	12	9	4.0	-	-	-	190	-	7-1	2-2	3-2	2-1	2-1	3-5	1	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-43	9800-110	9850-2-12	-	-	-	0-L12119	10/28/77	13	9	4.0	-	-	-	-	-	4-1	1-6	2-3	2-1	2-5	2-3	3	-	-	-	-	-	-	-	-	-	-	-	2.50	
56-43	9761-110	9572-2-15	-	-	-	0-L12120	10/28/77	14	8	5.5	-	-	-	330	-	30-1	1-6	3-2	2-1	2-1	3-3	3	-	-	-	-	-	-	-	-	-	-	-	1.80	
56-43	7794-110	9576-2-11	-	-	-	0-L12121	10/28/77	15	11	5.0	-	-	-	115	-	30-1	1-4	2-2	2-1	2-1	3-3	3	-	-	-	-	-	-	-	-	-	-	-	10.40	
56-43	7450-110	9622-2-12	-	-	-	0-L12122	10/28/77	15	11	5.0	-	-	-	120	-	30-1	1-7	2-3	2-1	2-1	3-5	1	-	-	-	-	-	-	-	-	-	-	-	9.40	
56-43	7433-110	9503-2-12	-	-	-	0-L12123	10/28/77	16	11	4.0-C	-	-	-	32	-	45-1	1-2	3-2	2-1	2-1	3-5	1	-	-	-	-	-	-	-	-	-	-	-	6.20	
56-43	7558-110	9493-2-12	-	-	-	0-L12125	10/27/77	16	9	5.0	-	-	-	135	-	45-1	1-2	3-2	2-1	2-1	3-5	1	-	-	-	-	-	-	-	-	-	-	-	3.10	
56-43	7622-110	9497-2-12	-	-	-	0-L12126	10/27/77	16	8	4.0-C	-	-	-	120	-	4-1	1-5	2-2	2-1	2-3	3-3	1	-	-	-	-	-	-	-	-	-	-	-	2.40	
56-43	8225-110	9681-2-12	-	-	-	0-L12127	10/28/77	16	8	4.0	-	-	-	170	-	22-4	2-7	3-2	2-1	2-1	3-5	1	-	-	-	-	-	-	-	-	-	-	-	8.10	
56-43	8194-110	9949-2-12	-	-	-	0-L12128	10/27/77	17	9	4.0	-	-	-	170	-	61-4	2-7	3-2	2-1	2-1	3-5	1	-	-	-	-	-	-	-	-	-	-	-	6.20	
56-43	8208-110	9949-2-12	-	-	-	0-L12129	10/27/77	18	8	3.5	-	-	-	170	-	12-1	1-4	2-3	2-1	2-1	3-5	1	-	-	-	-	-	-	-	-	-	-	-	-	3.40
56-43	7139-110	9608-2-12	-	-	-	0-L12130	09/04/76	17	20	9.0	-	-	6.3	110	-	12-1	1-4	2-3	2-1	2-1	3-5	1	-	-	-	-	-	-	-	-	-	-	-	3.30	
56-43	7119-110	9608-2-12	-	-	-	0-L12131	09/04/76	17	20	9.0	-	-	5.8	130	-	6-1	2-5	3-1	2-1	1-3	3-1	-	-	-	-	-	-	-	-	-	-	-	-	1.60	
56-43	7508-110	9653-2-13	-	-	-	0-L12132	09/04/76	17	20	11.0	-	-	5.8	90	-	9-1	1-7	4-3	3-1	2-1	4-4	1	-	-	-	-	-	-	-	-	-	-	-	2.80	
56-43	7664-110	9617-2-12	-	-	-	0-L12133	09/04/76	17	19	9.0	-	-	5.8	85	-	4-1	1-4	2-3	2-1	2-1	3-3	1	-	-	-	-	-	-	-	-	-	-	-	2.90	
56-43	7750-110	1192-2-12	-	-	-	0-L12134	09/04/76	18	19	-	-	-	6.0	80	-	6-1	1-6	3-3	2-1	2-1	3-3	1	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-43	7769-110	1189-2-12	-	-	-	0-L12135	09/04/76	18	18	11.0	-	-	5.6	75	-	11-1	1-6	2-2	2-1	2-1	3-3	1	-	-	-	-	-	-	-	-	-	-	-	8.70	
56-43	7167-110	9522-2-11	-	-	-	0-L12136	09/05/76	12	24	9.0	-	-	5.5	45	-	11-1	1-6	2-2	2-1	2-1	3-3	1	-	-	-	-	-	-	-	-	-	-	-	3.50	
56-43	7061-110	9522-2-11	-	-	-	0-L12137	09/05/76	12	24	10.0	-	-	5.9	70	-	12-1	1-4	2-2	2-1	2-4	3-2	1	-	-	-	-	-	-	-	-	-	-	-	2.30	
56-43	8439-110	1372-2-12	-	-	-	0-L12138	09/05/76	12	26	11.0	-	-	6.1	140	-	11-1	1-4	2-3	2-1	2-3	3-3	1	-	-	-	-	-	-	-	-	-	-	-	3.00	
56-43	8436-110	1331-2-12	-	-	-	0-L12139	09/05/76	12	26	12.0	-	-	5.9	130	-	9-1	1-4	2-3	2-1	2-3	3-3	1	-	-	-	-	-	-	-	-	-	-	-	3.50	
56-43	8394-110	1250-2-12	-	-	-	0-L12140	09/05/76	13	26	12.0	-	-	6.6	240	-	A1-1	1-4	2-3	2-1	2-3	3-3	1	-	-	-	-	-	-	-	-	-	-	-	3.70	
56-43	8389-110	1250-2-12	-	-	-	0-L12141	09/05/76	13	26	13.0	-	-	6.6	250	-	A1-1	1-4	2-3	2-1	2-3	3-3	1	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-43	8542-110	1242-2-15	-	-	-	0-L12142	09/05/76	13	26	-	-	-	-	-	-	A1-1	1-4	2-3	2-1	2-3	3-3	1	-	-	-	-	-	-	-	-	-	-	-	4.30	
56-43	8633-110	1172-2-12	-	-	-	0-L12143	09/05/76	14	26	12.0	-	-	6.1	150	-	12-1	1-4	2-2	2-1	2-3	3-2	1	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-43	8747-110	9950-2-12	-	-	-	0-L12144	09/05/76	13	26	11.0	-	-	5.9	120	-	9-1	1-7	4-3	3-1	2-3	3-3	1	-	-	-	-	-	-	-	-	-	-	-	4.00	
56-43	8761-110	9972-2-12	-	-	-	0-L12145	09/05/76	13	26	11.0	-	-	6.1	120	-	11-1	1-4	2-3	2-1	2-3	3-3	1	-	-	-	-	-	-	-	-	-	-	-	3.70	
56-43	8933-110	1083-2-12	-	-	-	0-L12146	09/05/76	14	26	-	-	-	5.9	120	-	12-1	1-4	2-3	2-1	2-3	3-3	1	-	-	-	-	-	-	-	-	-	-	-	9.60	
56-43	8939-110	1061-2-12	-	-	-	0-L12147	09/05/76	14	26	-	-	-	6.1	125	-	11-1	1-4	2-3	2-1	2-1	3-3	1	-	-	-	-	-	-	-	-	-	-	-	6.00	
56-43	8917-110	9731-2-11	-	-	-	0-L12148	09/05/76	14	26	10.0	-	-	5.7	90	-	14-1	1-4	2-3	2-1	2-1	3-3	1	-	-	-	-	-	-	-	-	-	-	-	3.30	
56-43	7853-110	1454-2-12	-	-	-	0-L12149	09/05/76	15	26	12.0	-	-	5.7	100	-	16-1	1-4	2-3	2-1	2-1	3-3	1	-	-	-	-	-	-	-	-	-	-	-	2.80	
56-43	7867-110	1439-2-12	-	-	-	0-L12150	09/05/76	15	26	11.0	-	-	5.9	165	-	16-1	1-4	2-3	2-1	2-1	3-3	1	-	-	-	-	-	-	-	-	-	-	-	2.30	
56-43	7949-110	1531-2-12	-	-	-	0-L12151	09/05/76	15	26	12.0	-	-	6.1	170	-	16-1	1-4	2-3	2-1	2-1	3-3	1	-	-	-	-	-	-	-	-	-	-	-	4.80	
56-43	8043-110	1797-2-12	-	-	-	0-L12152	09/05/76	15	26	13.0	-	-	5.9	170	-	16-1	1-4	2-3	2-1	2-1	3-3	1	-	-	-	-	-	-	-	-	-	-	-	2.00	
56-43	8144-110	2642-2-12																																	

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[illegible]

APPENDIX C-I (continued). Field Data and Uranium Concentrations for Sediment Samples-Driggs

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																		U CONCENTRATION											
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (cpm)	ROCK TYPE	POCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RIFLET	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER INCHES	WELL DEPTH FEET	WELL DEPTH FEET	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC)	UNITS IN ppm
							DATE	HOUR																											
56-43	4990-110.2267-2-12	0-L12212-09/09/76-11	18-14.0	-	-	6.4	1500	-	-	-	-	-	-	-	-	8-1-7-4-6-3-3-1-2-3-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50	
56-43	4994-110.2336-2-12	0-L12213-09/09/76-12	18-13.0	-	-	6.4	900	-	-	-	-	-	-	-	-	9-1-7-4-6-3-3-1-2-3-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50	
56-43	5369-110.2267-2-12	0-L12214-09/09/76-12	18-12.0	-	-	6.4	500	-	-	-	-	-	-	-	-	14-1-7-4-6-3-3-1-2-3-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.70	
56-43	5008-110.1700-2-12	0-L12215-09/09/76-12	20-11.0	-	-	6.3	300	-	-	-	-	-	-	-	-	9-1-7-4-6-3-3-1-2-3-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-43	5000-110.1725-2-12	0-L12216-09/09/76-12	20-12.0	-	-	6.5	200	-	-	-	-	-	-	-	-	9-1-7-4-6-3-3-1-2-3-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-43	5208-110.1844-2-12	0-L12217-09/09/76-12	20-13.0	-	-	6.7	250	-	-	-	-	-	-	-	-	11-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.20	
56-43	5214-110.1867-2-12	0-L12218-09/09/76-13	20-13.0	-	-	6.5	370	-	-	-	-	-	-	-	-	8-1-7-4-6-3-3-1-2-3-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.70	
56-43	5367-110.1918-2-15	0-L12219-09/09/76-13	20-14.0	-	-	-	-	-	-	-	-	-	-	-	-	8-1-7-4-6-3-3-1-2-3-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10	
56-43	5489-110.2077-2-12	0-L12220-09/09/76-13	20-15.0	-	-	6.6	400	-	-	-	-	-	-	-	-	8-1-7-4-6-3-3-1-2-3-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90	
56-43	5000-110.2121-2-12	0-L12221-09/09/76-15	20-16.0	-	-	6.3	150	-	-	-	-	-	-	-	-	14-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.40	
56-43	5006-110.2197-2-12	0-L12222-09/09/76-15	20-17.0	-	-	6.3	300	-	-	-	-	-	-	-	-	17-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50	
56-43	5114-110.2389-2-12	0-L12223-09/09/76-15	20-18.0	-	-	6.5	400	-	-	-	-	-	-	-	-	14-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30	
56-43	5214-110.2536-2-12	0-L12224-09/09/76-15	20-19.0	-	-	6.3	180	-	-	-	-	-	-	-	-	17-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.30	
56-43	5200-110.2547-2-12	0-L12225-09/09/76-15	20-20.0	-	-	6.6	420	-	-	-	-	-	-	-	-	11-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80	
56-43	5275-110.2661-2-12	0-L12226-09/09/76-16	18-21.0	-	-	6.5	380	-	-	-	-	-	-	-	-	14-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30	
56-43	5308-110.2743-2-12	0-L12227-09/09/76-16	18-22.0	-	-	6.5	400	-	-	-	-	-	-	-	-	19-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-43	5300-110.2833-2-12	0-L12228-09/09/76-16	18-23.0	-	-	6.5	300	-	-	-	-	-	-	-	-	19-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-43	5367-110.2867-2-12	0-L12229-09/09/76-16	18-24.0	-	-	6.5	420	-	-	-	-	-	-	-	-	16-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30	
56-43	5369-110.2894-2-12	0-L12230-09/09/76-17	16-25.0	-	-	6.0	310	-	-	-	-	-	-	-	-	17-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10	
56-43	5436-110.2153-2-12	0-L12231-09/09/76-17	16-26.0	-	-	6.6	300	-	-	-	-	-	-	-	-	19-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20	
56-43	5639-110.2281-2-12	0-L12232-09/09/76-17	16-27.0	-	-	6.3	180	-	-	-	-	-	-	-	-	12-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.40	
56-43	5667-110.2588-2-12	0-L12233-09/09/76-17	16-28.0	-	-	6.6	450	-	-	-	-	-	-	-	-	14-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40	
56-43	5744-110.21417-2-12	0-L12234-09/09/76-17	16-29.0	-	-	6.3	320	-	-	-	-	-	-	-	-	14-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80	
56-43	5761-110.2155-2-12	0-L12235-09/09/76-17	16-30.0	-	-	6.4	300	-	-	-	-	-	-	-	-	11-1-7-4-6-3-3-1-2-1-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90	
56-43	6153-110.2144-2-12	0-L12236-09/10/76-10	12-31.0	-	-	6.4	220	-	-	-	-	-	-	-	-	9-1-7-4-6-3-3-1-2-3-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50	
56-43	6008-110.21539-2-15	0-L12237-09/10/76-10	12-32.0	-	-	-	-	-	-	-	-	-	-	-	-	11-1-7-4-6-3-3-1-2-3-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20	
56-43	5872-110.1717-2-12	0-L12238-09/10/76-10	12-33.0	-	-	6.9	600	-	-	-	-	-	-	-	-	14-1-7-5-8-3-3-1-2-3-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-43	5769-110.1825-2-12	0-L12239-09/10/76-10	12-34.0	-	-	6.6	400	-	-	-	-	-	-	-	-	11-1-7-4-6-3-3-1-2-3-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80	
56-43	5653-110.1872-2-12	0-L12240-09/10/76-11	14-35.0	-	-	6.6	390	-	-	-	-	-	-	-	-	12-1-7-4-6-3-3-1-2-3-3-3-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90	
56-43	4808-110.7967-2-12	0-L12241-09/05/76-10	20-36.0	-	-	6.3	380	-	-	-	-	-	-	-	-	6-1-7-5-6-3-3-1-4-3-2-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-43	4206-110.7633-2-15	0-L12242-09/05/76-10	20-37.0	-	-	-	-	-	-	-	-	-	-	-	-	15-1-7-5-6-3-3-1-4-3-4-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-43	4022-110.7503-2-15	0-L12243-09/05/76-10	22-38.0	-	-	-	-	-	-	-	-	-	-	-	-	12-1-7-5-6-3-3-1-4-3-4-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-43	3931-110.7461-2-12	0-L12244-09/05/76-10	22-39.0	-	-	6.3	400	-	-	-	-	-	-	-	-	21-1-7-5-6-3-3-1-4-3-4-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90	
56-43	4208-110.7228-2-12	0-L12245-09/05/76-10	22-40.0	-	-	6.6	500	-	-	-	-	-	-	-	-	9-1-7-5-6-3-3-1-4-3-4-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-43	3661-110.7322-2-15	0-L12246-09/05/76-11	21-41.0	-	-	-	-	-	-	-	-	-	-	-	-	15-1-7-5-6-3-3-1-4-3-2-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.60	
56-43	3647-110.7227-2-12	0-L12247-09/05/76-11	21-42.0	-	-	6.6	410	-	-	-	-	-	-	-	-	6-1-7-5-6-2-2-1-4-3-4-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.90	
56-43	3406-110.7211-2-12	0-L12248-09/05/76-11	21-43.0	-	-	6.1	300	-	-	-	-	-	-	-	-	9-1-7-5-6-2-2-1-4-3-4-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.80	
56-43	3433-110.6972-2-12	0-L12249-09/05/76-11	21-44.0	-	-	6.3	500	-	-	-	-	-	-	-	-	6-1-7-5-6-2-2-1-4-3-4-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.40	
56-43	3528-110.6789-2-12	0-L12250-09/05/76-11	21-45.0	-	-	6.6	300	-	-	-	-	-	-	-	-	9-1-7-5-6-2-2-1-4-3-4-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.10	
56-43	2906-110.6461-2-12	0-L12251-09/05/76-11	21-46.0	-	-	6.3	375	-	-	-	-	-	-	-	-	3-1-7-5-6-2-2-1-4-3-4-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20	
56-43	2856-110.6500-2-15	0-L12252-09/05/76-11	22-47.0	-	-	-	-	-	-	-	-	-	-	-	-	6-1-7-5-6-2-2-1-4-3-2-1-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80	
56-43	2931-110.6706-2-12	0-L12253-09/05/76-12	21-48.0	-	-	6.3																													

APPENDIX C-I (continued). Field Data and Uranium Concentrations for Sediment Samples-Driggs

DOE SAMPLE NUMBER					LAST SAMPLE NUMBER AND FIELD DATA															U CONCENTRATION														
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAS SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (c/d ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WETHEP	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
56-43.3572-110.8600-2-12	0-L12263-09/05/76-15	12-14.0	-	-	-	6.3	240	4-1-7-5-6-2-2-1	-4-3-4-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30	
56-43.3544-110.8606-2-12	0-L12264-09/05/76-15	12-15.0	-	-	-	6.6	370	9-1-7-5-6-2-2-1	-4-3-4-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.10	
56-43.4978-110.9278-2-12	0-L12265-09/05/76-11	22-14.0	-	-	-	6.3	300	7-1-6-5-6-2-2-1	-1-3-4-6	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50	
56-43.4906-110.8803-2-12	0-L12266-09/08/76-10	18-6.0	-	-	-	6.6	415	9-1-6-5-7-2-2-1	-1-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20	
56-43.4833-110.8811-2-12	0-L12267-09/08/76-10	19-5.0	-	-	-	6.3	370	3-1-6-5-6-2-2-1	-1-3-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80	
56-43.4753-110.8800-2-12	0-L12268-09/08/76-10	17-6.0	-	-	-	5.9	175	7-1-6-5-6-2-2-1	-1-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.50	
56-43.4514-110.8894-2-15	0-L12269-09/08/76-10	17-	-	-	-	-	-	9-1-6-4-6-	-1-	-3-3-2-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-43.4419-110.8889-2-12	0-L12270-09/08/76-11	20-6.0	-	-	-	6.1	300	6-1-6-5-6-2-2-1	-1-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50
56-43.4331-110.8878-2-12	0-L12271-09/08/76-11	19-7.0	-	-	-	6.3	320	5-1-6-5-6-2-2-1	-3-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50
56-43.4442-110.8951-2-12	0-L12272-09/08/76-11	19-9.0	-	-	-	5.9	210	4-1-6-5-6-2-2-1	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30
56-43.4467-110.8928-2-12	0-L12273-09/08/76-11	19-7.0	-	-	-	6.1	300	1-1-6-5-6-2-2-1	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
56-43.4561-110.8976-2-12	0-L12274-09/08/76-12	19-7.0	-	-	-	6.1	310	1-1-6-5-6-2-2-1	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30
56-43.4578-110.8977-2-12	0-L12275-09/08/76-12	19-8.0	-	-	-	6.1	310	7-1-6-5-6-2-2-1	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.90
56-43.4356-110.8972-2-12	0-L12276-09/08/76-12	20-8.5	-	-	-	6.2	230	1-1-6-5-6-2-2-1	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50
56-43.4372-110.8844-2-15	0-L12277-09/08/76-13	24-	-	-	-	-	-	1-1-6-4-6-	-1-	-1-3-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50
56-43.4236-110.8506-2-12	0-L12278-09/08/76-13	26-11.0	-	-	-	6.3	280	1-1-6-5-6-2-2-1	-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.70
56-43.3972-110.8844-2-12	0-L12279-09/08/76-13	26-11.0	-	-	-	6.3	370	1-1-6-5-6-2-2-1	-1-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.60
56-43.3892-110.8878-2-12	0-L12280-09/08/76-13	25-9.0	-	-	-	6.3	360	9-1-6-5-6-2-2-1	-3-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40
56-43.3744-110.8913-2-12	0-L12281-09/08/76-14	26-8.0	-	-	-	6.3	285	9-1-6-5-6-2-2-1	-1-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.90
56-43.3722-110.8912-2-12	0-L12282-09/08/76-14	26-9.0	-	-	-	6.1	470	7-1-6-5-6-2-2-1	-1-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60
56-43.2672-110.7728-2-12	0-L12283-09/08/76-15	22-9.0	-	-	-	6.1	165	1-1-6-5-6-2-2-1	-1-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60
56-43.2861-110.7847-2-12	0-L12284-09/08/76-15	23-11.0	-	-	-	5.7	130	9-1-6-5-6-2-2-1	-1-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
56-43.4667-110.7278-2-15	0-L12285-09/08/76-16	24-	-	-	-	-	-	6-1-6-4-6-	-1-	-1-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60
56-43.4644-110.7280-2-12	0-L12286-09/08/76-16	24-	-	-	-	6.1	300	7-1-6-5-6-2-2-1	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
56-43.4589-110.7117-2-12	0-L12287-09/08/76-16	25-9.0	-	-	-	6.3	400	1-1-6-5-6-2-2-1	-1-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60
56-43.4481-110.6883-2-11	0-L12288-09/08/76-16	23-6.0	-	-	-	6.1	270	9-1-6-5-6-2-2-1	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90
56-43.4417-110.6722-2-12	0-L12289-09/08/76-16	22-8.0	-	-	-	6.1	400	7-1-6-4-6-	-1-	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00
56-43.4403-110.6706-2-12	0-L12290-09/08/76-16	22-9.0	-	-	-	6.3	260	1-1-6-4-6-	-1-	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90
56-43.4375-110.6533-2-12	0-L12291-09/08/76-16	21-7.5	-	-	-	6.0	310	6-1-6-4-6-	-1-	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.30
56-43.4361-110.6528-2-12	0-L12292-09/08/76-16	21-9.0	-	-	-	6.0	280	3-1-6-4-6-	-1-	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
56-43.1411-111.4417-2-15	0-L12293-09/09/76-16	23-	-	-	-	-	-	1-1-6-4-6-	-1-	-2-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40
56-43.2661-111.6417-2-12	0-L12294-09/09/76-11	22-5.5	-	-	-	5.9	600	1-1-6-4-6-	-1-	-1-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-43.2400-111.6394-2-15	0-L12295-09/09/76-12	24-	-	-	-	-	-	7-1-6-4-6-	-1-	-1-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-43.2419-111.6361-2-15	0-L12296-09/09/76-12	24-	-	-	-	-	-	9-1-6-4-6-	-1-	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60
56-43.2444-111.6403-2-11	0-L12297-09/09/76-12	23-8.0	-	-	-	6.1	370	6-1-6-5-6-2-2-1	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50
56-43.1986-111.6378-2-12	0-L12298-09/09/76-12	24-9.0	-	-	-	6.5	225	1-1-6-5-6-2-2-1	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.60
56-43.1994-111.6206-2-15	0-L12299-09/09/76-13	26-	-	-	-	-	-	7-1-6-4-6-	-1-	-1-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
56-43.1839-111.6167-2-15	0-L12300-09/09/76-13	25-	-	-	-	-	-	9-1-6-4-6-	-1-	-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20
56-43.1450-110.9861-2-15	0-L12301-09/09/76-13	24-	-	-	-	-	-	9-1-6-4-6-	-1-	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.70
56-43.1433-110.9633-2-15	0-L12302-09/09/76-13	27-	-	-	-	-	-	7-1-6-4-6-	-1-	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20
56-43.1444-110.9456-2-15	0-L12303-09/09/76-13	26-	-	-	-	-	-	9-1-6-4-6-	-1-	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.30
56-43.1414-110.9322-2-12	0-L12304-09/09/76-14	26-11.0	-	-	-	6.3	420	1-1-6-5-6-3-3-1	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.80
56-43.1428-110.9151-2-12	0-L12305-09/09/76-14	26-11.5	-	-	-	6.3	310	7-1-6-5-6-2-2-1	-1-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30
56-43.1356-110.8956-2-12	0-L12306-09/09/76-14	26-10.0	-	-	-	6.3	325	6-1-6-5-6-2-2-1	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40
56-43.1456-110.8778-2-15	0-L12307-09/09/76-14	27-	-	-	-	-	-	1-1-6-4-6-	-1-	-1-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.20
56-43.1789-110.9433-2-15	0-L12308-09/09/76-14	26-	-	-	-	-	-	4-1-6-4-6-	-1-	-1-1-2-3-1	-1	-	-																					

APPENDIX C-I (continued). Field Data and Uranium Concentrations for Sediment Samples-Driggs

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																			U CONCENTRATION									
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	PH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILOMETER (red ppm)	POCK TYPE	POCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	W-WET DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED INFTURON COUNTING (DNC) UNITS in ppm
							DATE	HOUR																										
56-43	2139	-110.8833	-2-15	U-L12314	09/09/76	16	28								9-1	6-4	6-2	-1	-1	-3	-3	-1	-1	-	-	-	-	-	-	-	2.60			
56-43	2144	-110.8805	-2-12	U-L12315	09/09/76	16	28	12.5				6.5	350		6-1	6-5	6-2	-2	-1	-1	-3	-3	-1	-1	-	-	-	-	-	-	-	2.50		
56-43	1933	-110.8739	-2-15	U-L12316	09/09/76	16	20								6-1	6-4	6-6	-	-	-1	-3	-3	-1	-1	-	-	-	-	-	-	-	5.90		
56-43	2000	-110.8600	-2-12	U-L12317	09/09/76	16	28	11.7				5.9	240		10-1	6-5	6-2	-2	-1	-1	-3	-3	-1	-1	-	-	-	-	-	-	-	4.90		
56-43	2061	-110.8307	-2-12	U-L12318	09/09/76	16	26	9.0				6.0	180		10-1	6-5	6-2	-2	-1	-1	-3	-3	-1	-1	-	-	-	-	-	-	-	4.30		
56-43	2061	-110.8156	-2-15	U-L12319	09/09/76	16	27								12-1	6-4	6-6	-1	-	-1	-3	-3	-1	-1	-	-	-	-	-	-	-	3.90		
56-43	2081	-110.8206	-2-12	U-L12320	09/09/76	16	26	9.7				5.9	220		6-1	6-5	6-2	-2	-1	-1	-3	-3	-1	-1	-	-	-	-	-	-	-	2.50		
56-43	2133	-110.8669	-2-12	U-L12321	09/09/76	17	28	12.0				6.3	290		9-1	6-5	6-2	-2	-1	-1	-3	-2	-1	-1	-	-	-	-	-	-	-	5.10		
56-43	2067	-110.7678	-2-12	U-L12322	09/09/76	17	27	11.0				6.5	350		9-1	6-5	6-2	-2	-1	-1	-3	-2	-1	-1	-	-	-	-	-	-	-	4.50		
56-43	2069	-110.7617	-2-15	U-L12323	09/09/76	17	26								9-1	6-4	6-6	-	-	-1	-3	-3	-1	-1	-	-	-	-	-	-	-	2.70		
56-43	2050	-110.7600	-2-12	U-L12324	09/09/76	17	26	10.0				6.3	370		7-1	6-5	6-2	-2	-1	-1	-3	-3	-1	-1	-	-	-	-	-	-	-	2.80		
56-43	2447	-110.7789	-2-12	U-L12325	09/09/76	18	24	13.0				6.1	325		9-1	6-5	6-2	-2	-1	-1	-3	-3	-1	-1	-	-	-	-	-	-	-	3.80		
56-43	2806	-110.5875	-2-12	U-L12326	09/10/76	11	18	4.5				5.9	800		12-1	6-5	6-2	-2	-1	-1	-3	-3	-1	-1	-	-	-	-	-	-	-	3.40		
56-43	2811	-110.5739	-2-12	U-L12327	09/10/76	11	19	5.0				6.1	760		18-1	6-4	6-6	-2	-2	-1	-3	-3	-1	-1	-	-	-	-	-	-	-	3.30		
56-43	2881	-110.5689	-2-12	U-L12328	09/10/76	11	20	9.0				6.1	490		6-1	6-5	6-2	-2	-1	-1	-3	-3	-1	-1	-	-	-	-	-	-	-	3.30		
56-43	2900	-110.5478	-2-12	U-L12329	09/10/76	11</																												

APPENDIX C-I (continued). Field Data and Uranium Concentrations for Sediment Samples-Driggs

[illegible]

APPENDIX C-I (continued). Field Data and Uranium Concentrations for Sediment Samples-Driggs

DOE SAMPLE NUMBER					LASL SAMPLE NUMBER AND FIELD DATA																			U CONCENTRATION											
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED	DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (nd ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
56-43	1500-110	8433-2-12	0-L12471	09/14/76	15	23	10.0	-	-	6.5	310	7-1-A-5-6-3-3-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50		
56-43	1417-110	8250-2-12	0-L12472	09/14/76	15	23	9.6	-	-	6.3	320	10-1-A-5-6-3-3-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.00		
56-43	1522-110	7889-2-12	0-L12473	09/14/76	16	21	9.0	-	-	6.1	250	9-1-A-5-6-2-2-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.90		
56-43	1475-110	7761-2-12	0-L12474	09/14/76	16	22	11.5	-	-	6.0	250	13-1-A-5-6-2-2-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.50		
56-43	1400-110	7661-2-12	0-L12475	09/14/76	16	26	11.0	-	-	6.0	205	10-1-A-5-6-2-2-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.00		
56-43	1389-110	7642-2-12	0-L12476	09/14/76	16	26	12.0	-	-	6.3	290	6-1-A-5-6-2-2-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.30		
56-43	1383-110	8472-2-11	0-L12477	09/14/76	16	26	9.5	-	-	5.9	315	13-1-A-5-6-2-2-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30		
56-43	1172-110	8517-2-12	0-L12478	09/14/76	17	25	11.0	-	-	6.3	320	12-1-A-5-6-2-2-1	-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10		
56-43	0989-110	8444-2-12	0-L12479	09/14/76	17	25	10.5	-	-	6.6	310	9-1-A-5-6-3-3-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.70		
56-43	0986-110	8472-2-12	0-L12480	09/14/76	17	24	11.5	-	-	6.3	345	16-1-A-5-6-2-2-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.10		
56-43	0797-110	8381-2-12	0-L12481	09/14/76	17	24	10.0	-	-	6.6	300	16-1-A-5-6-3-3-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.70		
56-43	0694-110	8328-2-12	0-L12482	09/14/76	17	24	11.0	-	-	6.3	330	12-1-A-5-6-2-2-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.80		
56-43	0619-110	8333-2-12	0-L12483	09/14/76	17	23	10.5	-	-	6.3	300	16-1-A-5-6-3-3-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60		
56-43	0617-110	8556-2-12	0-L12484	09/14/76	18	26	11.0	-	-	6.3	410	12-1-A-5-6-3-3-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.90		
56-43	0622-110	8550-2-12	0-L12485	09/14/76	18	19	10.0	-	-	6.0	270	9-1-A-5-6-3-3-1	-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60		
56-43	0572-110	8211-2-12	0-L12486	09/14/76	18	20	9.0	-	-	5.9	185	7-1-A-5-6-2-2-1	-1-3-3-4	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.00		
56-43	0406-110	8139-2-12	0-L12487	09/14/76	18	19	10.0	-	-	6.6	315	13-1-A-5-6-2-2-1	-1-3-3-4	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.90		
56-43	0217-110	8492-2-12	0-L12488	09/14/76	18	18	9.0	-	-	6.0	400	10-1-A-5-6-3-3-1	-1-3-3-4	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.10		
56-43	0050-110	8433-2-12	0-L12489	09/14/76	18	17	9.0	-	-	6.1	255	13-1-A-5-6-3-3-1	-1-3-3-4	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40		
56-43	1172-110	3794-2-12	0-L12490	09/16/76	12	26	12.0	-	-	6.6	600	10-1-A-5-6-2-2-1	-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80		
56-43	1122-110	4389-2-12	0-L12491	09/16/76	13	25	10.5	-	-	6.3	900	6-1-A-5-6-2-2-1	-3-2-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30		
56-43	1119-110	4339-2-12	0-L12492	09/16/76	13	25	10.5	-	-	6.3	750	12-1-A-5-6-3-3-1	-3-3-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20		
56-43	1114-110	4278-2-12	0-L12493	09/16/76	12	26	11.0	-	-	6.6	500	9-1-A-5-6-2-2-1	-3-2-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20		
56-43	0972-110	4839-2-12	0-L12494	09/16/76	13	26	12.5	-	-	6.6	500	4-1-A-5-6-2-2-1	-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00		
56-43	0889-110	4422-2-11	0-L12495	09/16/76	13	26	9.0	-	-	6.5	500	6-1-A-5-6-2-2-1	-3-2-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90		
56-43	0833-110	4622-2-97	0-L12496	09/16/76	13	28	-	-	-	-	-	9-1-A-4-6-	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00	
56-43	0647-110	4742-2-12	0-L12497	09/16/76	14	28	10.0	-	-	6.1	850	4-1-A-5-6-2-2-1	-1-3-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10		
56-43	0622-110	4764-2-12	0-L12498	09/16/76	14	28	11.0	-	-	6.3	460	9-1-A-5-6-2-2-1	-3-2-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20		
56-43	0394-110	4822-2-12	0-L12499	09/16/76	14	28	12.5	-	-	6.3	410	6-1-A-5-6-2-2-1	-1-3-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30		
56-43	0394-110	4847-2-12	0-L12500	09/16/76	14	26	11.5	-	-	6.3	700	10-1-A-5-6-3-3-1	-1-3-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.80		
56-43	0372-110	5011-2-11	0-L12501	09/16/76	14	24	9.5	-	-	6.3	1900	7-1-A-5-6-2-2-1	-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.80		
56-43	0314-110	5339-2-12	0-L12502	09/16/76	15	26	11.0	-	-	6.0	850	6-1-A-5-6-2-2-1	-1-3-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.40		
56-43	0300-110	5328-2-12	0-L12503	09/16/76	15	27	12.0	-	-	6.3	430	7-1-A-5-6-2-2-1	-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30		
56-43	0447-110	5656-2-12	0-L12504	09/16/76	15	24	10.5	-	-	6.3	330	9-1-A-5-6-2-2-1	-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10		
56-43	0439-110	5683-2-12	0-L12505	09/16/76	15	26	11.0	-	-	6.5	265	12-1-A-5-6-2-2-1	-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20		
56-43	1500-110	5242-2-12	0-L12506	09/16/76	16	24	11.0	-	-	6.1	400	10-1-A-5-6-2-2-1	-3-2-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.00		
56-43	1528-110	5258-2-12	0-L12507	09/16/76	16	25	11.5	-	-	6.5	430	10-1-A-5-6-2-2-1	-3-2-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.20		
56-43	1533-110	5292-2-15	0-L12508	09/16/76	16	27	-	-	-	-	-	7-1-A-4-6-	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.70	
56-43	1972-110	5265-2-12	0-L12509	09/16/76	17	26	11.0	-	-	6.1	310	9-1-A-5-6-2-2-1	-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.80		
56-43	1092-110	5260-2-12	0-L12510	09/16/76	17	27	10.0	-	-	6.3	260	5-1-A-5-6-2-2-1	-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80		
56-43	1972-110	5289-2-12	0-L12511	09/16/76	17	26	9.0	-	-	6.3	300	7-1-A-5-6-2-2-1	-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00		
56-43	2256-110	5100-2-12	0-L12512	09/17/76	9	17	8.0	-	-	6.1	410	10-1-A-5-6-2-2-1	-1-3-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30		
56-43	2233-110	5089-2-12	0-L12513	09/17/76	9	17	9.5	-	-	5.9	700	9-1-A-5-6-3-3-1	-1-2-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70		
56-43	2228-110	5550-2-12	0-L12514	09/17/76	9	18	9.5	-	-	6.3	465	13-1-A-5-6-2-2-1	-1-3-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20		
56-43	2039-110	5234-2-12	0-L12515	09/17/76	10	19	7.5	-	-	6.3	500	12-1-A-5-6-3-3-1	-1-3-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90		
56-43	2039-110	5204-2-11	0-L12516	09/17/76	10	20	8.5	-	-	6.3	380	10-1-A-5-6-2-2-1	-1-3-2-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30		
56-43	1831-110	5167-2-14	0-L12517	09/17/76	10	23	15.0	-	-	6.3	550	13-1-A-5-7-	-1	-	-	-																			

APPENDIX C-I (continued). Field Data and Uranium Concentrations for Sediment Samples-Driggs

[illegible]

APPENDIX C-I (continued). Field Data and Uranium Concentrations for Sediment Samples-Driggs

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																U CONCENTRATION													
STATE	LATITUDE	LONGITUDE	DOT TAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED	DATE	MOON	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (CU DPM)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STRAIN CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	DEUT	WEATHER	CLOUDS/UP	CONTAMINANTS	WELL DIAMETER (INCHES)	WELL TYPE	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
56-43	4658	116.1250	2-12			U-L12574	09/18/76	16	20	5.2				6.4	230	11-1-7-5-8-3-3-1	2-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.90		
56-43	4731	116.0956	2-11			U-L12575	09/18/76	16	20	6.2				6.2	200	16-1-7-5-8-3-3-1	2-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40		
56-43	4733	116.0936	2-11			U-L12576	09/18/76	16	20	5.2				6.3	210	11-1-7-5-8-3-3-1	2-1-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.90		
56-43	4762	116.0575	2-12			U-L12577	09/18/76	16	20	6.2				6.3	250	24-1-7-5-6-3-3-1	2-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90		
56-43	4764	116.0556	2-11			U-L12578	09/18/76	16	20	7.0				6.3	260	12-1-7-5-8-3-3-1	2-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.60		
56-43	4656	116.0511	2-12			U-L12579	09/18/76	17	20	8.0				6.5	260	24-1-7-5-6-3-3-1	2-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30		
56-43	4594	116.0233	2-12			U-L12580	09/18/76	17	20	7.0				6.5	270	12-1-7-5-6-3-3-1	2-4-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40		
56-43	4869	116.0161	2-11			U-L12581	09/18/76	17	20	6.2				6.5	270	19-1-7-5-8-3-3-1	2-4-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.90		
56-43	2508	116.3736	2-15			U-L12582	09/17/76	10	14							22-1-7-4-6-3-3-1	2-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70		
56-43	2581	116.3653	2-12			U-L12583	09/17/76	11	14	14.0				6.3	340	21-1-7-4-6-2-3-1	2-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20		
56-43	2603	116.3519	2-12			U-L12584	09/17/76	11	16	10.0				6.5	320	14-1-7-5-6-2-3-1	2-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.70		
56-43	2612	116.3394	2-12			U-L12585	09/17/76	11	16	9.0				6.5	340	14-1-7-5-6-3-3-1	2-4-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20		
56-43	2606	116.3169	2-12			U-L12586	09/17/76	11	18	10.0				6.3	400	19-1-7-4-6-2-3-1	2-4-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10		
56-43	2600	116.3153	2-12			U-L12587	09/17/76	11	18	11.0				6.5	340	17-1-7-5-6-2-3-1	2-4-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70		
56-43	2514	116.3153	2-12			U-L12588	09/17/76	11	18	9.0				6.4	320	14-1-7-5-6-2-3-1	2-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50		
56-43	2317	116.2930	2-12			U-L12590	09/17/76	12	18	11.0				6.3	350	9-1-7-5-6-2-3-1	2-4-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50		
56-43	2464	116.2594	2-15			U-L12591	09/17/76	12	18							17-1-7-4-6-3-3-1	2-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40		
56-43	2481	116.2389	2-12			U-L12592	09/17/76	12	18	11.0				6.3	320	12-1-7-4-6-2-3-1	2-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40		
56-43	2481	116.2289	2-15			U-L12593	09/17/76	12	18							21-1-7-4-6-3-3-1	2-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40		
56-43	2461	116.2272	2-12			U-L12594	09/17/76	13	18	12.0				6.3	240	14-1-7-4-6-2-3-1	2-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90		
56-43	2056	116.3639	2-12			U-L12595	09/17/76	13	18	9.0				6.3	310	9-1-7-4-6-2-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.80		
56-43	2042	116.3639	2-12			U-L12596	09/17/76	13	18	9.0				6.3	320	9-1-7-4-6-2-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40		
56-43	2114	116.3931	2-15			U-L12597	09/17/76	13	18							17-1-7-4-6-3-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40		
56-43	2103	116.4106	2-12			U-L12598	09/17/76	14	18	12.0				6.4	500	14-1-7-4-6-3-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90		
56-43	2097	116.4128	2-12			U-L12599	09/17/76	14	16	12.0				6.3	300	9-1-7-4-6-2-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70		
56-43	2486	116.4281	2-12			U-L12600	09/17/76	14	18	10.0				6.3	400	12-1-7-4-6-3-3-1	2-1-2-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10		
56-43	2428	116.4486	2-15			U-L12601	09/17/76	14	18							14-1-7-4-6-3-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50		
56-43	1931	116.4619	2-12			U-L12602	09/17/76	14	18	16.0				6.3	500	8-1-7-5-6-2-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30		
56-43	1931	116.4642	2-12			U-L12603	09/17/76	14	18	16.0				6.3	500	8-1-7-5-6-2-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40		
56-43	1731	116.3817	2-15			U-L12604	09/17/76	15	18							14-1-7-4-6-3-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.90		
56-43	1417	116.3064	2-15			U-L12605	09/17/76	15	18							14-1-7-4-6-3-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80		
56-43	1336	116.4675	2-15			U-L12606	09/17/76	15	18							14-1-7-5-8-3-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.60		
56-43	1592	116.3650	2-12			U-L12607	09/17/76	15	17	12.0				6.4	500	4-1-7-4-6-3-2-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90		
56-43	1583	116.3619	2-12			U-L12608	09/17/76	15	17	14.0				6.1	500	7-1-7-5-6-2-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20		
56-43	1536	116.3528	2-12			U-L12609	09/17/76	15	17	11.0				6.5	400	4-1-7-4-6-3-2-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40		
56-43	1561	116.3664	2-12			U-L12610	09/17/76	16	16	9.0				6.4	300	11-1-7-5-6-2-3-1	2-3-4-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70		
56-43	1497	116.2897	2-12			U-L12611	09/17/76	16	17	11.0				6.5	340	6-1-7-5-6-3-2-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10		
56-43	1431	116.3347	2-15			U-L12612	09/17/76	16	17							14-1-7-4-6-3-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30		
56-43	1361	116.2289	2-12			U-L12613	09/17/76	16	17	11.0				6.3	370	11-1-7-5-8-2-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.80		
56-43	1181	116.1431	2-11			U-L12615	09/17/76	17	16	12.0				6.3	400	14-1-7-4-6-2-3-1	2-4-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30		
56-43	1394	116.1676	2-12			U-L12616	09/17/76	17	14	11.0				6.3	500	14-1-7-5-6-2-3-1	2-2-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30		
56-43	1489	116.1533	2-12			U-L12617	09/17/76	17	13	10.0				6.4	240	9-1-7-5-6-2-3-1	2-1-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40		
56-43	1797	116.1472	2-12			U-L12618	09/17/76	17	13	11.0				6.4	210	6-1-7-5-6-2-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.90		
56-43	0772	116.1431	2-12			U-L12619	09/17/76	17	13	13.0				6.5	300	14-1-7-5-6-2-3-1	2-4-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90		
56-43	0394	116.1747	2-15			U-L12620	09/17/76	17	13							12-1-7-5-6-3-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.60		
56-43	2431	116.4202	2-15			U-L12621	09/17/76	18	12							14-1-7-4-6-3-3-1	2-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10		
56-43	0967	116.7158	2-12			U-L12624	09/20/76	12	18	10.0				6.2	240	3-1-7-5-6-2-3-1	2-4-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00		
56-43	0922	116.7128	2-12			U-L12625	09/20/76	12	18	10.0				6.5	250	4-1-7-5-6-2-3																			

APPENDIX C-I (continued). Field Data and Uranium Concentrations for Sediment Samples-Driggs

[illegible]

APPENDIX C-II

Field Data and Uranium Concentrations for Sediment Samples
in the Wyoming Portion of the Preston NTMS Quadrangle

(See Appendix D for Codes to Listings)

APPENDIX C-II. Field Data and Uranium Concentrations for Sediment Samples-Preston

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																						U CONCENTRATION						
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIFIC MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (cpi/ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WATERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm	
							DATE	HOUR																										
56-42	9981-110.1811-2-12	0-L10001-09/15/76-17	14-12.0	-	-	6.8	320	8-1-7-5-6-3-3-1-2-3-3-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80		
56-42	4875-110.9200-2-12	0-L10002-09/19/76-13	22-11.5	-	-	6.3	415	9-1-6-5-6-2-2-1-4-3-3-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30	
56-42	4856-110.9194-2-12	0-L10003-09/19/76-13	23-10.0	-	-	6.6	430	9-1-6-5-6-2-2-1-4-2-3-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20	
56-42	4889-110.9406-2-12	0-L10004-09/20/76-10	20-9.0	-	-	6.3	390	9-1-6-5-6-2-2-1-1-1-2-3-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.20	
56-42	8139-110.9500-2-15	0-L10005-09/19/76-12	14-	-	-	-	-	8-1-7-5-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20	
56-42	8250-110.9972-2-12	0-L10006-09/19/76-12	16-18.0	-	-	6.5	600	11-1-7-5-6-2-3-1-2-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20	
56-42	8139-111.0111-2-12	0-L10007-09/19/76-12	15-17.0	-	-	6.4	540	6-1-7-5-6-2-3-1-2-3-3-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40	
56-42	9194-111.0250-2-12	0-L10008-09/19/76-12	16-12.0	-	-	6.5	440	9-1-7-5-6-2-3-1-2-2-3-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80	
56-42	9444-111.0333-2-12	0-L10009-09/19/76-12	16-12.0	-	-	6.5	400	6-1-7-5-6-2-3-1-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00	
56-42	9592-111.0347-2-12	0-L10010-09/19/76-13	18-12.0	-	-	6.4	380	8-1-7-5-6-2-3-1-2-2-3-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-42	9244-111.0125-2-12	0-L10011-09/19/76-13	18-14.0	-	-	6.5	350	4-1-7-5-6-3-2-1-2-4-4-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.90	
56-42	9919-110.9500-2-15	0-L10012-09/19/76-13	18-	-	-	-	-	14-1-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30
56-42	9833-110.9633-2-15	0-L10013-09/19/76-13	18-	-	-	-	-	21-1-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60
56-42	9681-110.9375-2-12	0-L10014-09/19/76-13	18-10.2	-	-	6.4	250	8-1-7-4-6-3-1-2-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.80	
56-42	9389-110.9250-2-12	0-L10015-09/19/76-14	20-10.0	-	-	6.3	250	12-1-7-4-6-3-3-1-2-4-3-1-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.10	
56-42	9361-110.9250-2-15	0-L10016-09/19/76-14	20-	-	-	-	-	16-1-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20
56-42	9069-110.8903-2-12	0-L10017-09/19/76-14	20-11.0	-	-	6.5	280	9-1-7-4-6-3-3-1-2-2-3-2-2-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20	
56-42	7633-110.0561-2-15	0-L10019-09/15/76-12	14-	-	-	-	-	12-1-1-4-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20
56-42	7797-110.0178-2-15	0-L10020-09/15/76-13	18-	-	-	-	-	15-1-1-5-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.60
56-42	7739-110.0317-2-12	0-L10021-09/15/76-13	18-	-	-	6.8	1400	15-1-1-6-8-3-2-1-1-4-3-2-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10	
56-42	7908-110.0406-2-15	0-L10022-09/15/76-14	18-	-	-	-	-	16-1-1-5-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
56-42	7961-110.0650-2-15	0-L10023-09/15/76-14	18-	-	-	-	-	16-1-1-5-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60
56-42	7911-110.0500-2-15	0-L10024-09/15/76-14	19-	-	-	-	-	10-1-1-5-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-42	8144-110.0492-2-15	0-L10025-09/15/76-16	18-	-	-	-	-	10-1-1-4-7-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-42	8103-110.0006-2-97	0-L10026-09/15/76-16	19-	-	-	-	-	22-1-6-5-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
56-42	8278-110.0017-2-15	0-L10027-09/15/76-17	18-	-	-	-	-	11-1-7-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20
56-42	8389-110.0028-2-15	0-L10029-09/15/76-17	17-	-	-	-	-	16-1-6-5-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30
56-42	8522-110.0717-2-15	0-L10030-09/15/76-17	19-	-	-	-	-	17-1-7-4-7-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90
56-42	8531-110.0764-2-12	0-L10031-09/15/76-17	20-	-	-	7.2	310	15-1-7-5-7-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90
56-42	8550-110.0714-2-15	0-L10032-09/15/76-17	19-	-	-	-	-	18-1-7-5-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.80
56-42	9453-110.0050-2-14	0-L10033-09/16/76-11	18-12.0	-	-	6.3	530	15-1-4-3-8-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40
56-42	9600-110.0047-2-15	0-L10034-09/16/76-11	18-	-	-	-	-	22-1-5-4-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.40
56-42	9897-110.0292-2-15	0-L10035-09/16/76-12	17-	-	-	-	-	15-1-4-5-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40
56-42	9864-110.0761-2-15	0-L10037-09/16/76-12	-	-	-	-	-	11-1-6-5-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30
56-42	9822-110.1056-2-15	0-L10038-09/16/76-12	22-	-	-	-	-	15-1-7-5-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20
56-42	9989-110.1369-2-12	0-L10039-09/16/76-12	22-15.5	-	-	6.3	430	15-1-7-3-6-7-3-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20
56-42	9564-110.0800-2-15	0-L10040-09/16/76-13	18-	-	-	-	-	22-1-6-8-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40
56-42	9572-110.0828-2-15	0-L10041-09/16/76-13	18-	-	-	-	-	18-1-7-5-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20
56-42	9297-110.1264-2-15	0-L10042-09/16/76-14	25-	-	-	-	-	10-1-7-5-7-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40
56-42	9292-110.1244-2-11	0-L10043-09/16/76-14	25-10.0-NC	-	-	7.7	475	15-1-4-1-3-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90
56-42	9122-110.1456-2-15	0-L10044-09/16/76-15	23-	-	-	-	-	12-1-7-4-7-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							

APPENDIX C-II (continued). Field Data and Uranium Concentrations for Sediment Samples-Preston

DOE SAMPLE NUMBER						LAST SAMPLE NUMBER AND FIELD DATA																							U CONCENTRATION							
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	PH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (cpm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm		
							DATE	HOUR																												
56-42.9772-110.1625-2-15-						0-L10056-09/16/76-20-	13-									17-1-6-5-6-	-1-	-3-4-2-3-1-	-1-															3.00		
56-42.9764-110.1544-2-15-						0-L10057-09/16/76-20-	13-									12-1-6-5-6-	-1-	-3-4-2-3-1-	-1-															4.00		
56-42.9283-110.1844-2-15-						0-L10058-09/17/76-14-	24-									9-1-1-5-6-	-1-	-3-4-4-1-2-	-1-															2.00		
56-42.8167-110.1233-2-15-						0-L10060-09/17/76-15-	24-									15-1-4-5-6-	-1-	-3-4-3-2-2-	-1-															2.70		
56-42.8194-110.1184-2-15-						0-L10061-09/17/76-15-	24-									15-1-4-5-6-	-1-	-3-4-2-2-2-	-1-															2.80		
56-42.8025-110.1008-2-15-						0-L10062-09/17/76-16-	24-									11-1-6-5-6-	-1-	-4-2-3-2-	-1-															3.10		
56-42.8319-110.1461-2-15-						0-L10063-09/17/76-16-	24-									17-1-6-5-6-	-1-	-3-4-2-2-2-	-1-															2.70		
56-42.8139-110.2200-2-12-						0-L10065-09/17/76-17-	24-15.0-						6.5-	355-		9-1-2-4-7-3-3-1-	2-4-3-6-3-	-1-																2.30		
56-42.8108-110.2211-2-15-						0-L10066-09/17/76-17-	23-									7-1-2-6-6-3-3-2-	2-4-3-1-1-	-1-																1.60		
56-42.8433-110.2447-2-15-						0-L10067-09/17/76-17-	18-									9-1-7-5-6-	-1-	-3-4-2-2-3-	-1-																2.70	
56-42.8289-110.2050-2-15-						0-L10068-09/17/76-17-	18-									20-1-1-4-1-	-1-	-3-4-2-3-1-	-1-																2.80	
56-42.8378-110.1964-2-15-						0-L10069-09/17/76-18-	18-									11-1-1-5-1-	-1-	-3-4-2-3-2-	-1-																2.80	
56-42.8469-110.1857-2-15-						0-L10070-09/17/76-18-	19-									13-1-1-4-1-	-1-	-3-4-2-3-3-	-1-																2.30	
56-42.8503-110.1664-2-15-						0-L10071-09/17/76-18-	18-									17-1-1-5-1-	-1-	-3-4-2-3-2-	-1-																2.80	
56-42.8733-110.2056-2-15-						0-L10072-09/17/76-18-	19-									14-1-6-5-6-	-1-	-3-4-2-3-1-	-1-																2.70	
56-42.8819-110.2158-2-14-						0-L10073-09/17/76-18-	17-14.0-						6.5-	220-		24-1-6-5-6-1-	2-5-3-4-2-3-6-	-1-																	2.70	
56-42.8775-110.2208-2-15-						0-L10074-09/17/76-19-	17-									11-1-1-5-6-	-1-	-4-2-3-1-	-1-																3.00	
56-42.8811-110.1833-2-15-						0-L10075-09/17/76-19-	19-									20-1-4-5-6-	-1-	-3-4-2-3-1-	-1-																3.60	
56-42.8656-110.1747-2-15-						0-L10076-09/17/76-20-	15-									12-1-1-5-6-	-1-	-3-4-2-3-1-	-1-																2.80	
56-42.8600-110.1603-2-15-						0-L10077-09/17/76-20-	17-									11-1-1-5-1-	-1-	-3-4-2-2-1-	-1-																2.70	
56-42.8539-110.1594-2-15-						0-L10078-09/17/76-20-	16-									12-1-1-4-1-	-1-	-3-4-2-3-3-	-1-																2.00	
56-42.8433-110.1428-2-15-						0-L10079-09/17/76-20-	14-									18-1-1-4-1-	-1-	-3-4-2-4-3-	-1-																3.30	
56-42.7258-110.9111-2-12-						0-L10080-09/19/76-15-	15-0.5-						5.9-	345-		13-1-2-3-6-4-3-1-	3-3-3-3-6-2-	-1-																	1.80	
56-42.7389-110.8847-2-12-						0-L10081-09/19/76-15-	15-7.5-						5.7-	390-		9-1-7-	-4-3-1-2-1-3-5-3-	-1-																	3.40	
56-42.7372-110.8842-2-15-						0-L10082-09/19/76-16-	15-									9-1-7-4-6-	-1-	-3-3-3-5-3-	-1-																	2.20
56-42.7261-110.9972-2-15-						0-L10083-09/19/76-16-	14-									18-1-4-5-6-	-1-	-3-4-4-3-3-	-1-																	3.10
56-42.6831-110.9153-2-12-						0-L10084-09/19/76-17-	15-10.0-						5.9-	410-		7-1-4-6-6-3-3-1-	-4-4-3-6-	-1-																	3.20	
56-42.6791-110.9033-2-12-						0-L10085-09/19/76-17-	14-10.0-						5.9-	430-		15-1-6-4-6-3-3-3-1-	3-4-1-	-3-4-1-	-1-																2.10	
56-42.6778-110.9025-2-15-						0-L10086-09/19/76-17-	14-									12-1-6-5-6-	-1-	-3-1-3-4-1-	-1-																2.80	
56-42.6917-110.8633-2-11-						0-L10087-09/19/76-18-	13-0.0-						5.7-	375-		13-1-7-4-6-4-3-1-	2-1-3-2-3-	-1-																	2.80	
56-42.7014-110.8533-2-12-						0-L10088-09/19/76-18-	16-10.0-						5.9-	270-		12-1-7-5-6-4-3-1-	3-1-3-2-4-	-1-																	3.10	
56-42.6994-110.8361-2-15-						0-L10089-09/18/76-16-	16-									9-1-7-5-6-	-1-	-3-1-3-5-3-	-1-																	2.80
56-42.6950-110.8583-2-12-						0-L10090-09/19/76-19-	13-0.0-						5.9-	240-		15-1-7-4-6-3-3-1-	3-1-2-3-3-	-1-																	3.20	
56-42.6939-110.8578-2-12-						0-L10091-09/19/76-19-	13-7.0-						5.9-	240-		15-1-7-4-6-3-3-1-	3-1-2-3-3-	-1-																	4.60	
56-42.5236-110.8828-2-15-						0-L10092-09/20/76-13-	22-									11-1-1-5-6-	-1-	-3-1-3-3-1-	-1-																	3.30
56-42.5172-110.7625-2-13-						0-L10093-09/20/76-14-	13-13.5-						6.0-	325-		9-1-7-5-6-3-3-1-	1-6-3-3-1-	-1-																	2.60	
56-42.5128-110.7431-2-12-						0-L10094-09/20/76-15-	23-11.5-						6.1-			15-1-7-5-6-3-3-1-	2-6-3-3-1-	-1-																	3.00	
56-42.5069-110.7806-2-12-						0-L10095-09/20/76-15-	23-12.0-						6.1-	250-		9-1-7-5-6-4-3-1-	2-4-3-4-1-	-1-																	2.00	
56-42.5011-110.7911-2-11-						0-L10096-09/20/76-15-	22-11.0-						5.7-	275-		9-1-7-4-4-3-3-1-	3-1-3-5-1-	-1-																	1.70	
56-42.5194-110.8958-2-12-						0-L10097-09/20/76-16-	24-10.0-						6.1-	450-		10-1-7-3-6-7-3-1-	3-1-3-4-1-	-1-																	2.70	
56-42.5194-110.8944-2-12-						0-L10098-09/20/76-16-	24-14.5-						6.1-	320-		15-1-6-	-2-3-1-3-1-3-4-1-	-1-																	2.80	
56-42.5411-110.8986-2-12-						0-L10099-09/20/76-16-	25-12.0-						5.9-	350-		6-1-7-3-6-3-3-1-	3-1-3-3-1-	-1-																	2.30	
56-42.5403-110.8978-2-12-						0-L10100-09/20/76-16-	25-14.0-						6.3-	460-		10-1-7-5-6-3-3-1-	3-4-4-4-1-	-1-																	2.30	
56-42.5417-110.8931-2-12-						0-L10101-09/20/76-17-	24-13.0-						6.1-	360-		9-1-6-	-4-3-1-	-1-3-2-1-	-1-																	2.70
56-42.5581-110.8931-2-15-						0-L10102-09/20/76-17-	24-									12-1-7-4-6-	-1-	-3-4-4-3-1-	-1-																	2.20
56-42.5592-110.9006-2-12-						0-L10103-09/20/76-17-	23-0.0-						6.1-	350-		9-1-7-5-6																				

APPENDIX C-II (continued). Field Data and Uranium Concentrations for Sediment Samples-Preston

[illegible]

APPENDIX C-II (continued). Field Data and Uranium Concentrations for Sediment Samples-Preston

DOE SAMPLE NUMBER										LASI SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION													
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINUMETER (cpm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	ANALYZED BY DELAYED NEUTRON COUNTING (DNC)	SAMPLES	U CONCENTRATION (PPM)
							DATE	HOUR																									
5642	3711	110.8455	-12			0-1010160	09/21/76	12	24	9.5		6.0	310	14	14	4	5	6	2	2	1	3	4	3	3	1	1					3.00	
5642	3747	110.8556	-12			0-1010181	09/21/76	12	24	10.5		6.3	330	10	1	5	5	6	2	2	1	3	3	2	3	1	1					3.40	
5642	3722	110.8683	-15			0-1010162	09/21/76	13	24						1	1	5	4	6	1	1	3	3	3	1	1					2.90		
5642	3306	110.8494	-12			0-1010163	09/21/76	13	24	11.0		6.3	310	10	1	4	5	6	2	2	1	3	3	3	1	1					2.90		
5642	3133	110.8689	-12			0-1010164	09/21/76	13	24	11.0		6.4	440	10	1	4	5	6	2	2	1	3	3	3	1	1					3.40		
5642	2989	110.8689	-12			0-1010165	09/21/76	13	24	11.0		5.6	440	12	1	4	5	6	2	2	1	3	3	3	1	1					3.10		
5642	2944	110.8742	-12			0-1010166	09/21/76	14	24	11.0		5.5	250	10	1	6	5	6	2	2	1	3	3	3	1	1					3.00		
5642	2794	110.8461	-12			0-1010167	09/21/76	14	24	12.0		6.4	320	11	1	4	5	6	2	2	1	3	3	3	1	1					3.00		
5642	2556	110.8506	-12			0-1010168	09/21/76	11	27	10.5		6.4	490		1	7	7	9	2	2	1	2	4	3	2	3					2.50		
5642	7211	110.0011	-12			0-1010170	09/17/76	11	12	9.0		6.3	2650		1	7	7	9	2	2	1	2	4	3	2	3					6.80		
5642	7400	110.0494	-12			0-1010171	09/17/76	11	18	9.0		6.3	340		1	7	7	9	2	2	1	2	4	3	2	3					2.50		
5642	7250	110.0722	-12			0-1010172	09/17/76	12	18	8.0		6.5	1800		1	7	7	9	2	2	1	2	4	3	2	3					6.80		
5642	8831	110.0742	-12			0-1010173	09/17/76	12	20	10.0		6.3	2300		1	7	7	9	2	2	1	2	4	3	2	3					3.10		
5642	6025	110.0739	-12			0-1010174	09/17/76	13	20	10.5		6.4	900		1	7	7	9	2	2	1	2	3	2	3	1	1					2.80	
5642	5831	110.0806	-12			0-1010175	09/17/76	13	17	10.0		6.4	900		1	7	7	9	2	2	1	2	3	2	3	1	1					7.90	
5642	0456	110.1604	-15			0-1010176	09/20/76	12	15						1	1	4	4	6	1	1	2	3	2	3	1	1					2.20	
5642	0733	110.1604	-12			0-1010177	09/20/76	13	15						1	1	4	4	6	1	1	2	3	2	3	1	1					4.20	
5642	0936	110.1478	-15			0-1010178	09/20/76	13	15						1	1	4	4	6	1	1	2	3	2	3	1	1					3.10	
5642	1611	110.1067	-15			0-1010179	09/20/76	13	16						1	1	4	4	7	1	1	2	3	2	3	1	1					3.00	
5642	1611	110.1067	-15			0-1010180	09/20/76	14	16	15.0		6.5	600		1	4	3	6	2	3	1	2	3	2	2	1	1					2.50	
5642	1472	110.2400	-12			0-1010181	09/20/76	14	14						1	1	4	3	6	2	3	1	2	3	2	1	1					3.30	
5642	1769	110.1788	-15			0-1010182	09/20/76	14	14						1	1	4	4	6	1	1	2	3	2	3	1	1					3.30	
5642	1914	110.1992	-15			0-1010183	09/21/76	14	17	10.0		6.0	245		9	1	4	5	6	2	2	3	1	2	3	1	1					3.30	
5642	3067	110.8167	-12			0-1010184	09/21/76	15	27						1	1	4	4	6	1	1	3	3	3	4	1	1					3.00	
5642	3331	110.8172	-15			0-1010185	09/21/76	15	27						1	1	4	4	6	1	1	3	3	3	3	1	1					2.10	
5642	3589	110.8114	-15			0-1010186	09/21/76	15	28						1	1	4	4	6	1	1	3	3	3	3	1	1					2.50	
5642	3728	110.7889	-12			0-1010187	09/21/76	15	24	11.0		6.0	340		10	1	4	5	6	2	2	3	1	2	3	1	1					2.90	
5642	3744	110.7849	-12			0-1010187	09/21/76	15	24	10.0		5.3	270		10	1	4	5	6	2	2	3	1	2	3	1	1					2.30	
5642	3983	110.7800	-12			0-1010188	09/21/76	16	25	10.0		6.0	290		7	1	4	5	6	2	3	3	1	2	3	1	1					2.80	
5642	4006	110.7739	-11			0-1010189	09/21/76	16	25	9.5		5.0	320		9	1	4	5	6	2	2	3	1	3	3	2	1					2.60	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					1.80	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4	5	6	2	2	3	1	3	3	3	1					2.20	
5642	4311	110.7800	-12			0-1010190	09/21/76	16	24	10.5		5.3	335		15	1	4																

DOE SAMPLE NUMBER										LASI SAMPLE NUMBER AND FIELD DATA																	U CONCENTRATION						
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASI SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho cm.)	SCINTILLOMETER (=U ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAVER NEUTRON COUNTING DNC UNITS IN PPM
							DATE	HOUR																									
56-42-0142-110-9908-2-97-					0-L10212-09/24/76-10-	20-								131-4-4-6-	1-	3-4-3-3-1	1-															2.00	
56-42-0486-110-9805-2-97-					0-L10213-09/24/76-10-	19-							280-	7-1-4-4-6-	1-	3-4-3-3-1	1-															3.40	
56-42-9069-110-9881-2-12-					0-L10214-09/19/75-14-	20-						6.4-		1-1-7-4-6-	1-	2-2-3-3-3	1-															3.40	
56-42-9042-110-8500-2-15-					0-L10215-09/19/75-14-	20-								1-1-7-4-6-	1-	2-1-3-3-3	1-															2.40	
56-42-9100-110-8417-2-15-					0-L10216-09/19/76-14-	20-1						6.4-		1-1-7-4-6-	1-	2-1-3-3-3	1-															3.10	
56-42-9089-110-8375-2-15-					0-L10217-09/19/76-15-	18-								1-1-7-4-6-	1-	2-4-3-3-3	1-															3.10	
56-42-8639-110-8889-2-12-					0-L10218-09/19/76-15-	18-						6.5-		3-1-7-5-6-2-3-1	2-2-3-3-3	1-																2.40	
56-42-8486-110-8542-2-12-					0-L10220-09/19/75-15-	17-1						6.5		6-1-7-5-6-2-3-1	2-2-3-3-3	1-																2.40	
56-42-8422-110-8539-2-12-					0-L10221-09/19/75-15-	16-11						6.3		8-1-7-4-6-2-3-1	2-2-3-3-3	1-																3.40	
56-42-8308-110-8315-2-15-					0-L10223-09/19/76-15-	14-								1-1-7-4-6-	1-	2-1-3-3-3	1-															2.40	
56-42-8294-110-8361-2-15-					0-L10224-09/19/76-15-	16-1						6.3		6-1-7-4-6-2-3-1	2-1-3-3-3	1-																2.00	
56-42-8292-110-8958-2-15-					0-L10225-09/19/76-15-	16-								9-1-7-4-6-	1-	2-2-3-3-3	1-															1.60	
56-42-8017-110-8917-2-15-					0-L10226-09/19/75-17-	15-								9-1-7-4-6-	1-	2-2-3-3-3	1-															2.90	
56-42-7938-110-9000-2-15-					0-L10227-09/19/75-17-	15-								14-1-7-5-6-	1-	2-2-3-3-3	1-															2.10	
56-42-7942-110-9203-2-12-					0-L10228-09/19/75-17-	15-						6.5		14-1-7-5-6-2-3-1	2-2-4-3-3	1-																2.0	
56-42-7797-110-9192-2-15-					0-L10229-09/19/76-17-	15-								6-1-7-5-6-	1-	2-4-3-3-3	1-																2.0
56-42-7694-110-9167-2-15-					0-L10230-09/19/76-17-	14-								14-1-7-5-6-	1-	2-4-3-3-3	1-															2.0	
56-42-7581-110-9164-2-15-					0-L10231-09/19/76-17-	14-							250-	4-1-7-5-6-	1-	2-2-3-3-3	1-															2.0	
56-42-9992-110-8222-2-12-					0-L10232-09/20/75-14-	20-						6.2		1-1-7-7-	1-3-3-1	2-3-3-3-2	1-															2.0	
56-42-9986-110-8209-2-12-					0-L10233-09/20/75-14-	20-						5.3-		1-1-7-7-	1-3-3-1	2-3-3-3-2	1-															2.0	
56-42-9964-110-7861-2-15-					0-L10234-09/20/76-14-	20-							300-	4-1-7-5-6-1-	1-	2-1-2-3-2	1-															2.0	
56-42-9778-110-7668-2-12-					0-L10235-09/20/75-14-	20-							250-	4-1-7-5-6-2-3-1	2-1-2-3-3-2	1-																2.0	
56-42-9806-110-7049-2-12-					0-L10236-09/20/75-14-	20-							5.4-	1-1-7-4-6-2-3-1	2-2-3-3-3	1-																3.00	
56-42-8778-110-6775-2-12-					0-L10237-09/20/75-14-	20-							240-	1-1-7-4-6-2-3-1	2-1-3-3-2	1-																3.00	
56-42-9750-110-6709-2-12-					0-L10238-09/20/75-14-	20-						5.4-		4-1-7-5-6-3-1	2-1-2-3-3-2	1-																3.10	
56-42-9472-110-7044-2-12-					0-L10239-09/20/75-15-	20-1						6.3		4-1-7-5-6-3-1	2-1-2-3-3-2	1-																3.20	
56-42-9375-110-6600-2-12-					0-L10240-09/20/75-15-	20-							300-	1-1-7-5-6-2-3-1	2-1-2-3-3-2	1-																3.30	
56-42-9222-110-7083-2-12-					0-L10241-09/20/76-15-	18-						6.3		1-1-7-5-6-2-3-1	2-1-2-3-3-2	1-																3.30	
56-42-9111-110-7278-2-12-					0-L10242-09/20/76-15-	18-							240-	9-1-7-5-6-2-3-1	2-1-2-3-3-2	1-																3.40	
56-42-9091-110-7256-2-12-					0-L10243-09/20/76-15-	18-1						6.3		14-1-7-5-6-2-3-1	2-1-2-3-3-2	1-																3.0	
56-42-9026-110-7125-2-12-					0-L10244-09/20/76-15-	18-							290-	4-1-7-4-6-2-3-1	2-1-2-3-3-2	1-																3.0	
56-42-8978-110-7042-2-12-					0-L10245-09/20/76-15-	18-						6.2		6-1-7-4-7-2-3-1	2-1-2-3-3-2	1-																3.0	
56-42-8728-110-7097-2-12-					0-L10246-09/20/76-15-	18-						6.3		4-1-7-5-6-2-3-1	2-1-2-3-3-2	1-																3.00	
56-42-8667-110-7066-2-12-					0-L10247-09/20/76-17-	14-						6.3		9-1-7-5-6-2-3-1	2-1-2-3-3-2	1-																3.0	
56-42-8350-110-7375-2-12-					0-L10248-09/20/76-17-	17-						5.2-		9-1-7-4-6-3-3-1	2-1-2-3-3-2	1-																3.0	
56-42-8694-110-6917-2-12-					0-L10249-09/20/76-17-	16-							250-	9-1-7-5-6-2-3-1	2-1-2-3-3-2	1-																3.30	
56-42-8592-110-6744-2-12-					0-L10250-09/20/76-17-	16-							190-	1-1-7-4-6-2-3-1	2-1-2-3-3-2	1-																3.30	
56-42-8661-110-6306-2-12-					0-L10251-09/20/76-17-	16-						6.3-		1-1-7-4-6-2-3-1	2-1-2-3-3-2	1-																3.20	
56-42-8528-110-6328-2-12-					0-L10252-09/20/76-17-	16-1						6.3		1-1-7-4-6-2-3-1	2-1-2-3-3-2	1-																3.00	
56-42-8500-110-6319-2-12-					0-L10253-09/20/76-18-	14-1							300-	9-1-7-4-6-2-3-1	2-1-2-3-3-2	1-																3.10	
56-42-8389-110-5988-2-12-					0-L10254-09/20/76-18-	14-						6.4		9-1-7-4-6-2-3-1	2-1-2-3-3-2	1-																3.0	
56-42-8536-110-6931-2-12-					0-L10255-09/20/76-18-	14-						5.1-		1-1-7-4-6-2-3-1	2-1-2-3-3-2	1-																3.0	
56-42-8434-110-6917-2-12-					0-L10256-09/21/76-8-								270-	1-1-7-4-6-2-3-1	2-1-2-3-3-1	1-																3.0	
56-42-8416-110-6931-2-12-					0-L10257-09/21/76-8-								290-	9-1-7-5-6-2-3-1	2-1-2-3-3-1	1-																4.0	
56-42-8131-110-6861-2-12-					0-L10258-09/21/76-8-	1-							300-	1-1-7-5-6-2-3-1	2-1-2-3-3-1	1-																4.0	
56-42-8111-110-6861-2-12-					0-L10259-09/21/75-9-	1-						5.1-		9-1-7-5-6-2-3-1	2-1-2-3-3-1	1-																4.0	
56-42-7847-110-6931-2-12-					0-L10260-09/21/75-9-	2-						5.1-		9-1-7-5-6-2-3-1	2-1-2-3-3-1	1-																4.0	
56-42-7882-110-6923-2-12-					0-L10261-09/21/75-9-	2-						7.0-		9-1-7-5-6-2-3-1	2-1-2-3-3-1	1-																4.0	
56-42-7739-110-6957-2-15-					0-L10262-09/21/75-9-	4-						5.1-		14-1-7-4-6-1-	2-1-2-3-3-1	1-																4.0	

APPENDIX C-II (continued). Field Data and Uranium Concentrations for Sediment Samples-Preston

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																						U CONCENTRATION						
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (MICROHM/CM)	SCINTILLOMETER (CPM)	DOCK TYPE	DOCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	PREF	WEATHER	DOWNHILL	CONTAMINANTS	WELL TYPE	WELL DIAMETER INCHES	WELL DEPTH FEET	WATER DEPTH FEET	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN PPM
							DATE	HOUR																										
56-42.7597-110.6736-2-15						0-L10263-09/21/76	9-	9-	4-							16-1-7-4-6-	-1-	-2-4-3-2-1-	-1-															3.30
56-42.7444-110.6750-2-15						0-L10264-09/21/76	9-	9-	4-							4-1-7-4-6-	-1-	-2-1-3-3-1-	-1-															3.20
56-42.7417-110.6758-2-12						0-L10265-09/21/76	10-	10-	6-	7.0		5.9	500-			12-1-7-5-6-2-3-1-	-2-1-3-3-1-	-1-																3.00
56-42.7292-110.7069-2-12						0-L10266-09/21/76	10-	10-	8-	6.0		5.9	240-			9-1-7-4-6-2-3-1-	-2-1-3-3-1-	-1-																3.20
56-42.7256-110.7061-2-12						0-L10267-09/21/76	10-	10-	10-	6.0		5.9	260-			6-1-7-4-6-2-3-1-	-2-1-3-3-1-	-1-																3.30
56-42.7000-110.6708-2-11						0-L10268-09/21/76	10-	12-	12-	5.0		6.3	300-			16-1-7-5-6-2-3-1-	-4-3-2-1-	-1-																1.60
56-42.6792-110.6717-2-12						0-L10270-09/21/76	10-	10-	10-	6.0		5.1	210-			12-1-7-4-6-2-3-1-	-2-1-3-3-1-	-1-																3.20
56-42.6667-110.6694-2-11						0-L10271-09/21/76	11-	14-	14-	6.0		6.1	350-			8-1-7-5-6-2-3-1-	-2-1-3-3-1-	-1-																3.40
56-42.6611-110.6714-2-12						0-L10272-09/21/76	11-	14-	14-	6.0		5.9	410-			6-1-7-5-6-2-3-1-	-2-1-2-3-1-	-1-																3.20
56-42.6600-110.6778-2-12						0-L10273-09/21/76	11-	14-	14-	7.0		6.1	250-			11-1-7-4-6-2-3-1-	-2-1-3-3-1-	-1-																3.40
56-42.6494-110.6653-2-12						0-L10274-09/21/76	11-	14-	14-	7.0		6.2	230-			6-1-7-4-6-2-3-1-	-2-1-3-3-1-	-1-																3.30
56-42.6458-110.6597-2-11						0-L10275-09/21/76	11-	18-	18-	5.0		6.1	250-			11-1-7-5-6-2-2-1-	-2-1-2-2-1-	-1-																3.40
56-42.6306-110.6639-2-12						0-L10276-09/21/76	11-	18-	18-	6.0		6.2	240-			12-1-7-5-6-2-3-1-	-2-1-3-3-1-	-1-																3.10
56-42.6264-110.6583-2-11						0-L10277-09/21/76	12-	18-	18-	7.0		6.1	260-			6-1-7-5-6-2-2-1-	-2-1-3-3-1-	-1-																3.40
56-42.6167-110.6611-2-12						0-L10278-09/21/76	12-	18-	18-	7.0		6.1	200-			11-1-7-5-6-2-3-1-	-2-3-3-3-1-	-1-																4.20
56-42.6061-110.6694-2-12						0-L10279-09/21/76	12-	18-	18-	7.0		5.1	200-			14-1-7-5-6-2-3-1-	-2-1-3-3-1-	-1-																3.20
56-42.6097-110.6625-2-11						0-L10280-09/21/76	12-	18-	18-	4.5		5.9	150-			11-1-7-5-6-2-3-1-	-4-2-2-2-1-	-1-																3.00
56-42.6042-110.6778-2-12						0-L10281-09/21/76	12-	18-	18-	7.0		6.1	240-			12-1-7-5-6-2-3-1-	-2-3-3-3-2-	-1-																3.00
56-42.5958-110.6792-2-12						0-L10282-09/21/76	13-	18-	18-	7.0		5.1	240-			8-1-7-4-6-2-3-1-	-2-3-4-2-2-	-1-																4.10
56-42.5875-110.6861-2-11						0-L10283-09/21/76	13-	18-	18-	5.0		6.3	240-			11-1-7-5-6-2-3-1-	-2-4-3-3-2-	-1-																4.00
56-42.5806-110.6847-2-12						0-L10284-09/21/76	13-	18-	18-	6.0		6.3	240-			8-1-7-5-6-2-3-1-	-2-3-4-3-2-	-1-																3.80
56-42.5722-110.6722-2-12						0-L10285-09/21/76	13-	18-	18-	7.0		6.1	200-			6-1-7-4-6-3-3-1-	-2-3-3-2-2-	-1-																2.00
56-42.5700-110.6722-2-12						0-L10286-09/21/76	13-	18-	18-	6.0		5.0	200-			9-1-7-5-6-3-3-1-	-2-3-3-2-2-	-1-																3.00
56-42.5500-110.6903-2-11						0-L10287-09/21/76	14-	18-	18-	7.0		6.1	250-			8-1-7-5-6-2-3-1-	-2-3-4-3-2-	-1-																4.00
56-42.5361-110.6792-2-12						0-L10288-09/21/76	14-	18-	18-	6.0		6.2	340-			4-1-7-5-6-2-3-1-	-2-3-4-3-2-	-1-																3.00
56-42.5486-110.7389-2-12						0-L10289-09/21/76	14-	18-	18-	7.0		6.2	350-			4-1-7-5-6-2-3-1-	-2-3-4-2-2-	-1-																2.00
56-42.5153-110.6875-2-12						0-L10290-09/21/76	14-	18-	18-	4.5		6.2	150-			6-1-7-4-8-3-3-1-	-2-3-3-2-2-	-1-																2.00
56-42.6489-110.8192-2-12						0-L10292-09/21/76	14-	24-	24-	7.0		5.9	170-			12-1-1-5-6-4-3-1-	-2-1-3-4-1-	-1-																3.00
56-42.6486-110.8167-2-15						0-L10293-09/21/76	15-	25-	25-							13-1-1-5-6-	-1-	-3-4-3-3-1-	-1-															2.00
56-42.6367-110.8111-2-11						0-L10294-09/21/76	16-	25-	25-			5.9	145-			8-1-4-5-6-3-3-1-	-3-4-3-4-1-	-1-																3.40
56-42.6325-110.8050-2-12						0-L10295-09/21/76	16-	25-	25-	6.0		6.0	300-			15-1-4-5-6-4-3-1-	-1-1-3-4-1-	-1-																5.10
56-42.6325-110.8439-2-15						0-L10296-09/21/76	16-	23-	23-							12-1-1-5-6-	-1-	-3-4-3-3-1-	-1-															4.00
56-42.6308-110.8475-2-11						0-L10297-09/21/76	17-	22-	22-	7.0		5.9	235-			19-1-7-5-6-2-3-1-	-3-1-3-1-	-1-																4.00
56-42.6167-110.8550-2-12						0-L10298-09/21/76	17-	22-	22-	7.5		5.9	340-			12-1-1-1-	-3-3-1-3-1-2-3-1-	-1-																2.00
56-42.6111-110.9486-2-12						0-L10299-09/21/76	18-	23-	23-	6.0		5.0	345-			12-1-7-5-7-3-3-1-	-2-1-3-4-1-	-1-																2.00
56-42.6208-110.9000-2-15						0-L10300-09/21/76	18-	22-	22-							6-1-7-5-7-	-1-	-3-4-1-3-4-	-1-															2.00
56-42.3064-110.1506-2-15						0-L10301-09/28/76	10-	21-	21-							15-1-7-4-6-	-1-	-3-4-2-4-1-	-1-															3.00
56-42.3169-110.1536-2-15						0-L10302-09/28/76	10-	21-	21-							9-1-7-5-7-	-1-	-3-4-2-4-1-	-1-															2.00
56-42.0911-111.0033-2-97						0-L10303-09/24/76	9-	17-	17-							13-1-4-4-6-	-1-	-3-4-2-3-1-	-1-															3.10
56-42.0956-110.9128-2-12						0-L10304-09/24/76	10-	19-	19-	10.0		5.0	350-			7-1-6-5-6-2-2-1-	-3-4-2-2-1-	-1-																2.00
56-42.1056-110.9008-2-12						0-L10305-09/24/76	10-	20-	20-	10.5		6.1	550-			9-1-6-5-6-2-2-1-	-3-3-2-1-1-	-1-																2.00
56-42.1025-110.8311-2-12						0-L10306-09/24/76	11-	20-	20-	10.0		6.1	500-			10-1-6-5-6-3-3-1-	-3-1-2-3-1-	-1-																2.00
56-42.0708-110.8294-2-11						0-L10307-09/24/76	11-	20-	20-		C					9-1-6-4-6-	-1-	-3-1-2-3-1-	-1-															2.00
56-42.0750-110.8550-2-12						0-L10308-09/24/76	12-	21-	21-	10.0		6.1	400-			12-1-6-5-6-2-2-1-	-3-4-2-3-1-	-1-																2.00
56-42.0453-110.8492-2-11						0-L10309-09/24/76	12-	21-	21-	9.0		6.3																						

APPENDIX C-II (continued). Field Data and Uranium Concentrations for Sediment Samples-Preston

DOE SAMPLE NUMBER				LAST SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION																	
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	DATE	TIME SAMPLED	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	pH	SPECIFIC CONDUCTANCE (micro cm)	SCINTILLOMETER (cpm)	DOCK TYPE	ROCK COLOR	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	SPEARM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	BLIFT	OWNSHIP	CONTAMINANTS	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC)	UNITS IN ppm
56-02	2108	110.8700	2-12			0-110316	09/24/76	14	23.1	11.0	-	5.3	360	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2301	110.8561	2-12			0-110317	09/24/76	14	25.1	11.0	-	5.3	400	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2307	110.8572	2-12			0-110318	09/24/76	14	24.1	10.5	-	5.3	360	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2272	110.7972	2-11			0-110319	09/24/76	15	22	9.5	-	5.9	320	9-1	5-5	7-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2214	110.7833	2-12			0-110320	09/24/76	15	19.1	10.5	-	5.3	470	9-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1889	110.7617	2-11			0-110321	09/24/76	15	19	9.5	-	5.9	220	6-1	5-5	4-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2217	110.7639	2-11			0-110322	09/24/76	15	17	9.5	-	6.3	600	12-1	5-5	7-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1611	110.7453	2-12			0-110323	09/24/76	15	17	10.5	-	6.0	450	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1447	110.7481	2-11			0-110324	09/24/76	16	17	9.0	-	5.6	525	13-1	5-5	7-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1425	110.7792	2-11			0-110325	09/24/76	16	17	10.0	-	5.0	410	12-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1624	110.8206	2-12			0-110326	09/24/76	17	15	10.5	-	6.4	350	12-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1578	110.9089	2-15			0-110327	09/24/76	17	17	10.5	-	6.4	300	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1617	110.9061	2-12			0-110328	09/24/76	18	17	10.0	-	5.3	370	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1906	110.9028	2-12			0-110329	09/24/76	18	17	10.0	-	5.3	370	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1917	110.8981	2-12			0-110330	09/24/76	18	18	11.0	-	6.3	300	12-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2067	110.9383	2-12			0-110331	09/24/76	18	14	11.0	-	6.3	440	12-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2078	110.9083	2-12			0-110332	09/24/76	18	14	11.0	-	6.3	650	7-1	4-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2078	110.9083	2-12			0-110333	09/24/76	18	17	12.0	-	6.3	500	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2308	110.9100	2-12			0-110334	09/24/76	18	15	10.5	-	5.4	445	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2469	110.9093	2-12			0-110335	09/24/76	18	17	11.0	-	6.0	370	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2469	110.9050	2-12			0-110336	09/24/76	19	15	11.0	-	6.3	370	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1247	110.9556	2-15			0-110337	09/25/76	7	7	10	-	5.6	1400	9-1	4-4	6-1	1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1239	110.9372	2-12			0-110338	09/25/76	7	11	8.5	-	5.6	1400	9-1	4-4	6-1	1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	0514	110.9117	2-12			0-110339	09/25/76	7	11	9.0	-	5.3	1000	12-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	0508	110.9006	2-12			0-110340	09/25/76	7	12	9.0	-	5.0	600	9-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	0519	110.8822	2-12			0-110341	09/25/76	7	13	9.5	-	6.6	500	13-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	0225	110.8828	2-15			0-110342	09/25/76	8	16	-	-	6.3	500	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	0369	110.8831	2-12			0-110343	09/25/76	8	16	10.5	-	6.3	300	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	0250	110.9039	2-12			0-110344	09/25/76	8	13	11.5	-	6.3	300	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	0211	110.9050	2-97			0-110345	09/25/76	8	14	-	-	6.3	300	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	0031	110.9933	2-97			0-110346	09/25/76	8	16	-	-	6.3	245	9-1	4-4	6-1	1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2364	110.7385	2-12			0-110347	09/25/76	9	14	10.5	-	6.1	310	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2375	110.7033	2-12			0-110348	09/25/76	9	13	9.0	-	5.9	210	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2361	110.7022	2-12			0-110349	09/25/76	9	13	10.0	-	5.1	210	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2078	110.7336	2-12			0-110350	09/25/76	10	17	10.5	-	6.3	255	9-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2061	110.7329	2-12			0-110351	09/25/76	10	19	11.0	-	6.1	310	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	2000	110.7339	2-12			0-110352	09/25/76	10	21	11.0	-	6.1	440	9-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1556	110.7372	2-12			0-110353	09/25/76	11	24	10.5	-	6.3	470	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1528	110.7325	2-12			0-110354	09/25/76	11	24	11.0	-	6.3	500	10-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1278	110.7150	2-12			0-110355	09/25/76	12	19	11.0	-	6.5	425	9-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1281	110.7288	2-12			0-110356	09/25/76	13	21	11.0	-	6.3	410	9-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	1264	110.7433	2-12			0-110357	09/25/76	13	20	11.0	-	6.3	360	7-1	4-4	6-1	1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	4008	110.2839	2-14			0-110358	09/27/76	11	20	14.5	-	7.2	850	12-1	5-5	8-2	2-2	4-2	2-2	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	4456	110.2561	2-15			0-110359	09/27/76	11	18	-	-	-	-	9-1	4-4	6-1	1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	4494	110.2566	2-15			0-110360	09/27/76	12	17	-	-	-	-	12-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	4444	110.3256	2-12			0-110362	09/27/76	13	21	13.0	-	7.5	1100	7-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	4983	110.3436	2-12			0-110363	09/27/76	13	20	12.0	-	6.6	900	9-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1	1	1	1	1	1	1	1	2.00
56-02	4822	110.3617	2-12			0-110364	09/27/76	14	24	11.0	-	6.3	495	9-1	5-5	6-2	2-1	3-4	3-3	1	1	1	1								

APPENDIX C-II (continued). Field Data and Uranium Concentrations for Sediment Samples-Preston

DOE SAMPLE NUMBER					LASL SAMPLE NUMBER AND FIELD DATA																								U CONCENTRATION						
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPEC. CONC. SPECIMENS	PH	SPECIFIC CONDUCTANCE $\mu\text{mho cm}^{-1}$	SCINTILLOMETER $\mu\text{Ci/gpm}$	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	PELLET	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIRMETER (INCHES)	WELL DEPTH FEET	WATER DEPTH FEET	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC)	UNITS IN PPM
							DATE	HOUR																											
56-42.4672-110.3850-2-15						0-L10368-09/27/76-14	25									10-1-6-4-6-1	-1	-3-4-3-3-3	-1															1.00	
56-42.4414-110.3528-2-11						0-L10369-09/27/76-13	20					5.3	500			10-1-6-5-8-2-2	-1	-3-4-2-3-3	-1															3.20	
56-42.4297-110.3683-2-12						0-L10370-09/27/76-15	18					5.6	450			10-1-6-5-6-2-2	-1	-3-4-2-3-3	-1															2.60	
56-42.4689-110.4711-2-11						0-L10371-09/27/76-15	20									13-1-6-4-6-1	-1	-3-1-3-3-2	-1															2.10	
56-42.4878-110.4789-2-11						0-L10372-09/27/76-15	20					5.3	350			10-1-6-5-6-2-2	-1	-3-1-3-3-3	-1															2.10	
56-42.4906-110.4167-2-12						0-L10373-09/27/76-15	20					5.3	340			12-1-6-5-6-2-2	-1	-3-1-3-3-3	-1															1.60	
56-42.4217-110.3650-2-12						0-L10374-09/27/76-15	19					5.6	465			10-1-6-6-2-2-2	-1	-3-4-2-2-2	-1															2.20	
56-42.4128-110.3597-2-12						0-L10375-09/27/76-16	20					5.6	450			9-1-6-4-6-2-1	-1	-3-4-3-2-2	-1															2.10	
56-42.4117-110.3583-2-15						0-L10376-09/27/76-16	20									10-1-6-4-6-1	-1	-3-4-3-2-2	-1															2.00	
56-42.4089-110.3344-2-15						0-L10377-09/27/76-16	19									7-1-6-4-6-1	-1	-3-4-2-4-2	-2															2.10	
56-42.4031-110.3364-2-12						0-L10378-09/27/76-16	18					5.6	400			13-1-6-5-6-2-2	-1	-3-4-3-3-2	-1															1.90	
56-42.3833-110.3589-2-15						0-L10379-09/27/76-17	22									7-1-6-4-6-1	-1	-3-4-2-2-2	-1															2.30	
56-42.3847-110.3589-2-12						0-L10380-09/27/76-17	22					5.3	450			12-1-6-5-6-2-2	-1	-3-4-2-2-2	-1															2.70	
56-42.0175-110.2325-2-15						0-L10381-09/27/76-10	10									14-1-7-4-6-1	-1	-3-3-3-2-2	-1															3.10	
56-42.0089-110.2044-2-15						0-L10382-09/27/76-10	10									14-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.90	
56-42.0144-110.1181-2-15						0-L10383-09/27/76-11	11									14-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.90	
56-42.0425-110.1111-2-15						0-L10384-09/27/76-11	11									12-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.60	
56-42.0411-110.0994-2-97						0-L10385-09/27/76-11	11									11-1-7-4-6-1	-1	-3-3-3-2-2	-1															2.80	
56-42.0139-110.0911-2-15						0-L10386-09/27/76-11	11									14-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.70	
56-42.0258-110.0211-2-15						0-L10387-09/27/76-12	12									12-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.80	
56-42.0333-110.0056-2-15						0-L10388-09/27/76-12	14									11-1-7-4-6-1	-1	-2-3-3-2-2	-1															1.80	
56-42.0414-110.2044-2-15						0-L10389-09/27/76-12	14									11-1-7-4-6-1	-1	-2-3-2-2-2	-1															2.50	
56-42.0828-110.2383-2-97						0-L10390-09/27/76-12	14									17-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.60	
56-42.0972-110.2244-2-12						0-L10391-09/27/76-13	14									8-1-7-5-7-3-3	-1	-2-4-3-2-2	-1															2.70	
56-42.1078-110.2075-2-15						0-L10392-09/27/76-13	14									6-1-7-5-6-1	-1	-2-3-3-2-2	-1															2.80	
56-42.1417-110.2708-2-15						0-L10393-09/27/76-13	14									17-1-7-4-6-1	-1	-2-3-3-3-2	-1															2.80	
56-42.1389-110.2708-2-15						0-L10394-09/27/76-13	14									14-1-7-4-6-1	-1	-2-3-3-3-2	-1															2.30	
56-42.1639-110.3401-2-15						0-L10395-09/27/76-14	16									22-1-7-4-6-1	-1	-2-3-2-2-2	-1															3.00	
56-42.1625-110.3389-2-15						0-L10396-09/27/76-14	16									22-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.60	
56-42.1694-110.4042-2-11						0-L10397-09/27/76-14	16					6.5	450			14-1-7-5-6-1	-1	-3-3-3-2-2	-1															2.90	
56-42.1778-110.3306-2-15						0-L10398-09/27/76-14	16									8-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.30	
56-42.1875-110.3542-2-15						0-L10399-09/27/76-15	16									14-1-7-4-6-1	-1	-2-3-3-2-2	-1															3.20	
56-42.1833-110.3597-2-15						0-L10400-09/27/76-15	16									12-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.80	
56-42.1931-110.4422-2-11						0-L10401-09/27/76-15	16					6.5	500			16-1-7-5-6-1	-1	-3-3-3-2-2	-1															2.30	
56-42.2083-110.3444-2-15						0-L10402-09/27/76-15	16									8-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.70	
56-42.2042-110.3458-2-15						0-L10403-09/27/76-15	16									6-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.20	
56-42.2139-110.4000-2-15						0-L10404-09/27/76-15	16									8-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.80	
56-42.2278-110.4478-2-11						0-L10405-09/27/76-16	16					5.6	550			8-1-7-5-6-3-1	-1	-3-3-3-2-2	-1															2.10	
56-42.2417-110.3833-2-15						0-L10406-09/27/76-16	16									8-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.00	
56-42.2167-110.3208-2-11						0-L10407-09/27/76-16	16					5.6	540			9-1-7-5-6-3-1	-1	-3-3-3-2-2	-1															2.20	
56-42.2422-110.2583-2-15						0-L10408-09/27/76-17	16									9-1-7-4-6-1	-1	-2-4-4-2-2	-1															2.70	
56-42.2450-110.1944-2-15						0-L10409-09/27/76-17	16									16-1-7-4-6-1	-1	-2-3-2-2-2	-1															2.60	
56-42.2417-110.1944-2-15						0-L10410-09/27/76-17	16									16-1-7-4-6-1	-1	-2-3-3-2-2	-1															2.70	
56-42.2153-110.2028-2-15						0-L10411-09/27/76-17	16									17-1-7-4-6-1	-1	-2-3-2-2-2	-1															2.60	
56-42.8403-110.5500-2-12						0-L10412-09/28/76-10	10					5.3	250			7-1-7-5-7-3-3	-1	-2-1-2-3-1	-1															3.50	
56-42.8389-110.5528-2-12						0-L10413-09/28/76-10	10					5.3	240			10-1-7-5-7-3-3	-1	-2-1-3-3-1	-1															2.70	
56-42.8278-110.5306-2-12						0-L10414-09/28/76-10	10					5.3	250			10-1-7-5-6-3-3	-1	-2-1-3-3-1	-1															3.10	
56-42.8222-110.5319-2-12						0-L10415-09/28/76-10	10					6.4	250			7-1-7-5-6-3-3	-1	-2-1-3-3-1	-1															3.00	
56-42.8250-110.5194-2-12						0-L10416-09/																													

APPENDIX C-II (continued). Field Data and Uranium Concentrations for Sediment Samples-Preston

DOE SAMPLE NUMBER							LASL SAMPLE NUMBER AND FIELD DATA																		U CONCENTRATION									
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	PH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLATION COUNTER	ROCK TYPE	ROCK CO. #	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	FLUIT	WFA-HP	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER INCHES	WELL DEPTH FEET	WATER DEPTH FEET	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
							DATE	HOUR																										
56-42.8017-110.4942-2-12-						0-L10419-09/28/75-10-	12-10.0-						5.6-	300-	10-1-7-5-6-3-1-2-3-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-42.8528-110.3542-2-15-						0-L10420-09/28/75-11-	12-								10-1-7-5-6-	-1-	-2-3-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-42.8458-110.3153-2-15-						0-L10421-09/28/76-11-	12-								7-1-7-5-6-	-1-	-2-3-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80	
56-42.8472-110.3093-2-15-						0-L10422-09/28/75-11-	12-								7-1-7-5-6-	-1-	-2-3-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-42.8403-110.3039-2-12-						0-L10423-09/28/75-11-	12-12.0-						5.6-	300-	7-1-7-5-6-3-3-1-2-2-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70		
56-42.6733-110.3025-2-11-						0-L10424-09/28/75-11-	12-10.0-						5.6-	400-	6-1-7-5-6-3-3-1-2-3-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20		
56-42.6700-110.3042-2-12-						0-L10425-09/28/76-11-	12-11.0-						6.6-	700-	10-1-7-5-6-3-3-1-2-3-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00		
56-42.7617-110.5833-2-12-						0-L10426-09/28/76-12-	14-10.0-						6.4-	290-	7-1-7-4-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30		
56-42.7569-110.5833-2-12-						0-L10427-09/28/75-12-	14-9.0-						6.4-	300-	7-1-7-4-6-3-3-1-2-1-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90		
56-42.0139-110.4806-2-15-						0-L10428-09/26/76-11-	11-								11-1-7-5-6-	-1-	-2-2-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40	
56-42.0944-110.4542-2-12-						0-L10429-09/26/76-12-	11-12.0-						6.4-	330-	11-1-7-5-6-3-3-1-2-3-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40		
56-42.0917-110.4619-2-12-						0-L10430-09/24/75-12-	11-12.0-						6.6-	410-	8-1-7-4-6-3-3-1-2-2-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60		
56-42.0889-110.4583-2-15-						0-L10431-09/25/76-12-	11-								9-1-7-4-6-	-1-	-2-3-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10	
56-42.0944-110.4861-2-15-						0-L10432-09/26/76-12-	11-								12-1-7-4-6-	-1-	-2-3-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50	
56-42.1083-110.4764-2-11-						0-L10433-09/26/76-12-	12-10.0-						6.6-	420-	8-1-7-5-6-	-1-1-	-3-3-3-3-	-1-	-	-	-	-												

APPENDIX C-II (continued). Field Data and Uranium Concentrations for Sediment Samples -Preston

[illegible]

APPENDIX C-II (continued). Field Data and Uranium Concentrations for Sediment Samples-Preston

DOE SAMPLE NUMBER					LAST SAMPLE NUMBER AND FIELD DATA																	U CONCENTRATION												
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (cpm)	POCK TYPE	POCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	BTIFF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
							DATE	HOUR																										
56-42.9500-110.3767-2-12	0-L10523-09/29/76-10	8-11.0	-	6.5	340	7-1-7-4-6-1-3-1-2-3-3-2-1	-1	-	-	-	-	-	3.10																					
56-42.9458-110.2903-2-12	0-L10524-09/29/76-11	10-17.0	-	6.6	500	10-1-7-5-6-1-3-1-2-4-3-2-1	-1	-	-	-	-	2.60																						
56-42.9139-110.2819-2-12	0-L10525-09/29/76-11	12-11.0	-	6.6	400	12-1-7-4-6-1-3-1-2-2-2-2-1	-1	-	-	-	-	3.30																						
56-42.9097-110.2806-2-12	0-L10526-09/29/76-11	12-11.0	-	6.6	480	14-1-7-4-6-1-3-1-2-4-3-2-1	-1	-	-	-	-	2.80																						
56-42.9097-110.3347-2-12	0-L10527-09/29/76-11	12-11.0	-	6.6	400	10-1-7-4-6-1-3-1-2-3-2-2-1	-1	-	-	-	-	2.80																						
56-42.8972-110.3792-2-12	0-L10528-09/29/76-11	12-11.0	-	6.6	450	12-1-7-4-6-1-3-1-2-3-3-2-1	-1	-	-	-	-	2.90																						
56-42.8978-110.2814-2-12	0-L10529-09/29/76-11	12-11.0	-	6.6	400	14-1-7-4-6-1-3-1-2-4-3-2-1	-1	-	-	-	-	3.40																						
56-42.7014-110.3850-2-12	0-L10530-09/29/76-12	16-11.0	-	6.6	400	7-1-7-5-6-1-3-1-2-3-3-2-1	-1	-	-	-	-	3.10																						
56-42.6986-110.3833-2-12	0-L10531-09/29/76-12	16-11.0	-	6.6	390	10-1-7-5-6-1-3-1-2-3-3-2-1	-1	-	-	-	-	3.10																						
56-42.7028-110.3708-2-12	0-L10532-09/29/76-12	16-11.0	-	6.6	390	12-1-7-5-6-1-3-1-2-3-3-2-1	-1	-	-	-	-	3.10																						
56-42.7375-110.3333-2-12	0-L10533-09/29/76-12	16-11.0	-	6.6	400	9-1-7-5-6-1-3-1-2-3-3-2-1	-1	-	-	-	-	3.10																						
56-42.3817-110.2839-2-12	0-L10534-09/27/76-17	18-11.5	-	6.6	500	6-1-6-5-6-2-2-1-3-4-3-2-2	-2	-	-	-	-	3.00																						
56-42.3900-110.2528-2-12	0-L10535-09/27/76-17	17-10.0	-	6.6	580	12-1-6-5-6-2-2-1-3-4-3-2-2	-1	-	-	-	-	3.30																						
56-42.3239-110.2739-2-12	0-L10536-09/27/76-18	18-11.0	-	6.6	400	9-1-6-4-6-1-3-1-3-4-2-2-2	-2	-	-	-	-	7.10																						
56-42.2939-110.2547-2-12	0-L10537-09/27/76-18	20-11.0	-	6.6	400	12-1-6-4-6-1-3-1-3-4-2-2-1	-2	-	-	-	-	4.00																						
56-42.2842-110.2547-2-12	0-L10538-09/27/76-18	20-11.0	-	6.6	400	9-1-6-4-6-1-3-1-3-4-2-2-1	-2	-	-	-	-	1.90																						
56-42.2778-110.2522-2-12	0-L10539-09/27/76-18	20-11.0	-	6.6	400	10-1-6-4-6-1-3-1-3-4-2-2-1	-2	-	-	-	-	3.00																						
56-42.3472-110.3311-2-12	0-L10540-09/28/76-9	16-5.0	-	6.3	485	7-1-6-4-6-2-2-1-3-4-3-3-1	-2	-	-	-	-	2.80																						
56-42.3311-110.3425-2-12	0-L10541-09/28/76-10	20-5.0	-	6.3	1050	16-1-6-4-7-2-2-1-3-4-2-3-1	-1	-	-	-	-	3.10																						
56-42.3578-110.3489-2-12	0-L10542-09/28/76-10	18-5.5	-	6.5	520	7-1-6-5-6-2-2-1-3-4-3-2-1	-1	-	-	-	-	2.70																						
56-42.3711-110.3361-2-12	0-L10543-09/28/76-10	20-5.0	-	6.6	580	10-1-6-4-6-2-2-1-3-4-3-3-1	-2	-	-	-	-	2.80																						
56-42.3583-110.3636-2-12	0-L10544-09/28/76-11	18-5.5	-	6.6	495	10-1-6-5-7-2-2-1-3-4-3-3-1	-1	-	-	-	-	2.30																						
56-42.2533-110.3461-2-12	0-L10545-09/28/76-11	21-0.5	-	6.3	335	6-1-6-5-6-2-2-1-3																												

APPENDIX C-II (continued). Field Data and Uranium Concentrations for Sediment Samples -Preston

DOE SAMPLE NUMBER										LAST SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION																
STATE	LATITUDE	LONGITUDE	DOF LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	PH	SPECIFIC CONDUCTANCE	SCALING FACTOR	BOC TYPE	BOC COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	STRAIN CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER INCHES	WELL DEPTH FEET	WATER DEPTH FEET	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC)	UNITS IN	CONCENTRATION		
							DATE	HOUR																												
56	42.628	110.592	2-12			0-L10574	09/28/76	17	26.10.5	-	5.9	340	12	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	
56	42.628	110.592	2-12			0-L10575	09/28/76	17	26.10.5	-	5.9	290	12	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1
56	42.628	110.592	2-12			0-L10576	09/28/76	18	21.9.5	-	5.7	270	12	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1
56	42.628	110.592	2-12			0-L10577	09/28/76	18	21.9.5	-	5.7	320	12	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1
56	42.628	110.592	2-12			0-L10578	09/28/76	18	21.9.5	-	5.7	245	12	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1
56	42.628	110.592	2-12			0-L10579	09/28/76	18	21.9.5	-	5.9	265	12	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1
56	42.628	110.592	2-12			0-L10580	09/29/76	11	21.10.0	-	6.1	600	12	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1
56	42.628	110.592	2-12			0-L10581	09/29/76	11	21.10.0	-	6.1	600	12	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1
56	42.628	110.592	2-12			0-L10582	09/29/76	11	21.11.5	-	6.1	650	12	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1
56	42.628	110.592	2-12			0-L10583	09/29																													

APPENDIX C-II (continued). Field Data and Uranium Concentrations for Sediment Samples-Preston

DOE SAMPLE NUMBER				LAST SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION																			
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPEC. MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (micro mhos/cm)	GRAVIMETRIC % U ppm	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	WATER FLOW	WATER LEVEL	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	BLITE	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WELL DEPTH (MFT)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNCT) UNITS IN PPM	
							DATE	HOUR																									
56-42	4089	-110.1750	-2-15			0-L10626	09/30/76	15	28							9-1-6	4-6	-1	3-4	2-1												4.20	
56-42	3972	-110.2272	-2-15			0-L10627	09/30/76	16	28							10-1-6	4-6	-1	3-4	2-1												2.40	
56-42	4256	-110.1167	-2-15			0-L10628	09/30/76	16	28							9-1-4	4-6	-1	3-4	2-1												2.70	
56-42	4278	-110.1161	-2-15			0-L10629	09/30/76	16	28							12-1-6	4-6	-1	3-4	2-1												3.50	
56-42	4519	-110.0981	-2-97			0-L10630	09/30/76	16	29							12-1-4	4-6	-1	3-4	2-1												3.50	
56-42	4556	-110.0294	-2-15			0-L10631	09/30/76	16	28							9-1-4	4-6	-1	3-4	2-1												2.70	
56-42	4581	-110.0278	-2-15			0-L10632	09/30/76	16	29							10-1-4	4-6	-1	3-4	2-1													2.80
56-42	4131	-110.0694	-2-15			0-L10633	09/30/76	17	28							9-1-6	4-6	-1	3-4	2-1													3.00
56-42	6972	-110.3042	-2-12			0-L10634	09/29/76	13	16	10.0			6.5	300		5-1	7-5	6-3	1-2	3-2													3.60
56-42	6944	-110.3000	-2-12			0-L10635	09/29/76	13	16	11.0			6.5	330		7-1	7-5	6-3	1-1	3-2													2.60
56-42	6875	-110.2847	-2-15			0-L10637	09/29/76	13	16							10-1-7	5-6	1-2	3-2														3.10
56-42	6797	-110.2639	-2-12			0-L10637	09/29/76	13	16	11.0			6.5	340		10-1-7	5-6	1-2	3-2														3.50
56-42	7432	-110.5153	-2-12			0-L10638	09/29/76	15	16	10.0			6.6	290		18-1	7-5	6-3	1-2	1-3													3.00
56-42	7450	-110.5125	-2-12			0-L10639	09/29/76	15	16	9.0			6.6	290		15-1	7-5	6-3	1-2	1-3													2.70
56-42	6958	-110.5194	-2-12			0-L10640	09/29/76	15	16	7.0			6.6	300		15-1	7-5	6-3	1-2	1-3													3.20
56-42	6958	-110.5125	-2-12			0-L10641	09/29/76	15	16	8.0			6.6	310		18-1	7-5	6-3	1-2	1-3													3.80
56-42	6917	-110.5153	-2-12			0-L10642	09/29/76	15	16	8.0			6.6	330		18-1	7-5	6-3	1-2	1-3													3.60
56-42	6639	-110.4857	-2-12			0-L10643	09/29/76	16	14	9.0			6.6	330		17-1	7-4	6-2	3-1	2-3													2.70
56-42	6639	-110.5033	-2-12			0-L10644	09/29/76	16	14	9.0			6.6	300		14-1	7-4	6-3	1-2	2-3													2.70
56-42	6556	-110.4938	-2-12			0-L10645	09/29/76	16	12	8.0			6.3	350		15-1	7-4	6-3	1-2	2-3													2.70
56-42	6264	-110.5433	-2-12			0-L10646	09/29/76	16	12	7.0			5.8	300		10-1	7-5	6-3	1-2	2-3													4.10
56-42	6272	-110.5433	-2-12			0-L10647	09/29/76	16	12	7.0			5.8	340		11-1	7-5	6-2	3-1	2-1	3-3												3.00
56-42	6286	-110.5435	-2-12			0-L10648	09/29/76	16	12	8.0			5.8	360		18-1	7-5	6-2	3-1	2-1	3-3												3.50
56-42	6233	-110.5103	-2-12			0-L10649	09/29/76	17	12	8.0			6.6	300		6-1	7-5	6-3	1-2	2-3													3.30
56-42	5944	-110.5897	-2-12			0-L10650	09/29/76	17	12	8.0			6.6	300		4-1	7-5	6-2	3-1	2-1	3-3												3.10
56-42	5583	-110.5750	-2-12			0-L10651	09/29/76	17	12	8.0			6.3	300		14-1	7-4	6-3	1-2	1-3													3.10
56-42	5567	-110.5752	-2-12			0-L10652	09/29/76	17	12	8.0			6.3	300		16-1	7-4	6-2	3-1	2-1	3-3												3.50
56-42	5587	-110.5510	-2-12			0-L10653	09/29/76	17	11	8.0			6.2	350		15-1	7-4	6-2	3-1	2-1	3-3												2.70
56-42	5986	-110.5033	-2-12			0-L10655	09/29/76	18	10	8.0			6.1	350		7-1	7-5	6-2	3-1	2-3	3-3												4.00
56-42	6033	-110.4732	-2-12			0-L10656	09/29/76	18	10	7.0			6.3	340		6-1	7-6	6-2	3-1	2-3	3-2												3.70
56-42	6089	-110.4732	-2-12			0-L10657	09/29/76	18	10	9.0			6.1	350		9-1	7-5	6-2	3-1	2-3	3-2												4.60
56-42	5264	-110.5319	-2-12			0-L10658	09/30/76	10	12	8.0			6.6	300		9-1	7-5	6-3	1-2	1-3													3.30
56-42	5097	-110.5197	-2-12			0-L10659	09/30/76	10	12	7.0			6.6	340		9-1	7-5	6-3	1-2	1-3													3.10
56-42	5042	-110.5208	-2-12			0-L10660	09/30/76	10	12	8.0			6.6	340		9-1	7-5	6-3	1-2	1-3													3.70
56-42	5111	-110.4752	-2-12			0-L10661	09/30/76	11	14	7.0			6.6	340		6-1	7-5	7-3	1-2	1-3													3.60
56-42	5264	-110.4042	-2-12			0-L10662	09/30/76	11	14	7.0			6.6	380		7-1	7-5	7-3	1-2	1-3													2.70
56-42	5306	-110.4033	-2-15			0-L10663	09/30/76	11	14	8.0			6.3	320		9-1	7-4	4-4	-1	2-3	3-3												2.80
56-42	5269	-110.3819	-2-12			0-L10664	09/30/76	11	14	8.0			6.0	300		7-1	7-5	6-3	1-2	1-3													2.80
56-42	5500	-110.4111	-2-12			0-L10665	09/30/76	11	14	7.0			6.0	310		9-1	7-5	6-3	1-2	1-3													3.10
56-42	5403	-110.3194	-2-12			0-L10667	09/30/76	12	14	8.0			6.6	350		7-1	7-4	6-3	1-2	2-3													2.60
56-42	5500	-110.3151	-2-12			0-L10668	09/30/76	12	14	8.0			6.3	320		10-1	7-5	6-3	1-2	2-3													2.80
56-42	5778	-110.4139	-2-12			0-L10670	09/30/76	12	14	8.0			6.3	320		7-1	7-5	6-3	1-2	2-3													3.30
56-42	5958	-110.4194	-2-15			0-L10671	09/30/76	12	14	8.0			6.0	310		9-1	7-5	6-3	1-2	2-3													3.50
56-42	5917	-110.3375	-2-15			0-L10672	09/30/76	13	14	8.0			6.0	310		9-1	7-4	6-3	1-2	2-3													3.00
56-42	5944	-110.3375	-2-15			0-L10673	09/30/76	13	14	8.0			6.0	310		9-1	7-4	6-3	1-2	2-3													2.80
56-42	6236	-110.3644	-2-15			0-L10674	09/30/76	13	14	8.0			6.0	310		10-1	7-5	6-3	1-2	2-3													3.60
56-42	6556	-110.3611	-2-15			0-L10675	09/30/76	13	14	8.0			6.0	310		10-1	7-5	6-3	1-2	2-3													3.60
56-42	6514	-110.3583	-2-15			0-L10676	09/30/76	13	14	8.0			6.0	310		10-1	7-5	6-3	1-2	2-3													3.60

APPENDIX C-II (continued). Field Data and Uranium Concentrations for Sediment Samples-Preston

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																				U CONCENTRATION								
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (microhm/cm)	SCINTILLANT	DOG TYPE	DOG COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER COLOR	WATER (FEL)	WATER COLOR	SEDIMENT CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	REFLECT	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER INCHES	WELL DEPTH FEET	WATER DEPTH FEET	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
							DATE	HOUR																										
56-42.6292-110.3306-2-19-	0-L10677-09/30/76-14-	16-														10-1-7-5-6-	-1-	-2-3-3-3-1-	-1-															3.40
56-42.6278-110.3306-2-15-	0-L10678-09/30/76-14-	16-														10-1-7-5-6-	-1-	-2-3-2-3-1-	-1-															2.60
56-42.6250-110.3192-2-12-	0-L10679-09/30/76-14-	16-13.0-											5.6-	380-		10-1-7-5-6-3-3-1-	-2-	-2-2-3-1-	-1-															3.00
56-42.6264-110.2811-2-15-	0-L10680-09/30/76-14-	16-														12-1-7-4-6-	-1-	-2-3-3-3-1-	-1-															3.20
56-42.5792-110.2819-2-15-	0-L10681-09/30/76-14-	16-														10-1-7-4-6-	-1-	-2-3-3-3-1-	-1-															3.20
56-42.5764-110.2806-2-15-	0-L10682-09/30/76-14-	16-														10-1-7-5-6-1-	-	-2-3-3-3-1-	-1-															3.30
56-42.5444-110.2806-2-15-	0-L10683-09/30/76-15-	16-														7-1-7-4-6-	-1-	-2-3-3-3-1-	-1-															3.30
56-42.3303-110.1383-2-15-	0-L10684-09/28/76-11-	21-														15-1-4-4-6-	-1-	-3-4-2-6-1-	-1-															3.00
56-42.3300-110.0908-2-15-	0-L10685-09/28/76-11-	19-														15-1-1-4-6-	-1-	-3-4-2-6-1-	-1-															4.40
56-42.3211-110.0314-2-15-	0-L10686-09/28/76-11-	20-														12-1-1-5-6-	-1-	-3-4-2-6-1-	-1-															2.60
56-42.3219-110.0294-2-15-	0-L10687-09/28/76-12-	20-														14-1-1-5-6-	-1-	-3-4-2-6-1-	-1-															3.70
56-42.2069-110.0296-2-15-	0-L10688-09/28/76-14-	23-														15-1-3-5-6-	-1-	-3-4-2-3-1-	-1-															2.80
56-42.2308-110.0059-2-15-	0-L10689-09/28/76-14-	22-														11-1-1-3-6-	-1-	-3-4-2-6-1-	-1-															2.40
56-42.2311-110.0042-2-15-	0-L10690-09/28/76-14-	22-														10-1-1-5-6-	-1-	-3-4-2-6-1-	-1-															2.60
56-42.2036-110.1528-2-15-	0-L10691-09/28/76-17-	22-														13-1-1-5-6-	-1-	-3-4-1-6-1-	-1-															2.70
56-42.6181-110.0631-2-12-	0-L10692-09/29/76-11-	24-15.0-											7.0-	1650-		9-1-1-4-6-	-1-	-3-4-3-3-1-	-1-															4.60
56-42.6117-110.0631-2-12-	0-L10694-09/29/76-12-	24-11.0-											7.0-	4600-		14-1-1-5-6-2-3-1-	-3-4-3-1-	-1-															3.00	
56-42.6050-110.0797-2-15-	0-L10695-09/29/76-12-	24-														15-1-6-4-6-	-1-	-2-4-3-3-1-	-1-															3.30
56-42.5792-110.0133-2-12-	0-L10696-09/29/76-12-	24-12.5-											5.3-	375-		14-1-1-6-6-4-3-2-	-4-2-2-1-	-1-															2.70	
56-42.5811-110.0322-2-14-	0-L10697-09/29/76-13-	24-12.0-											5.5-	700-		15-1-1-3-6-2-3-2-3-1-	-3-4-2-2-1-	-1-															4.10	
56-42.5633-110.0419-2-97-	0-L10698-09/29/76-13-	25-														12-1-1-4-6-	-1-	-3-4-2-2-1-	-1-															2.70
56-42.5436-110.0550-2-15-	0-L10699-09/29/76-14-	23-														12-1-1-4-6-	-1-	-3-4-2-2-1-	-1-															2.90
56-42.5656-110.1000-2-12-	0-L10700-09/29/76-14-	23-12.0-											5.4-	550-		7-1-1-6-7-4-3-1-	-3-4-3-2-1-	-1-															5.70	
56-42.5894-110.1228-2-15-	0-L10701-09/29/76-14-	23-														7-1-1-5-6-	-1-	-3-4-2-3-1-	-1-															4.00
56-42.5956-110.1306-2-12-	0-L10702-09/29/76-14-	23-11.5-											5.6-	400-		13-1-1-6-6-3-3-1-	-3-4-3-2-1-	-1-															4.00	
56-42.6086-110.2167-2-15-	0-L10704-09/29/76-15-	24-														11-1-7-4-6-	-1-	-3-4-4-1-1-	-1-															3.40
56-42.6131-110.2214-2-12-	0-L10705-09/29/76-16-	24-14.0-											5.6-	370-		4-1-1-5-6-3-3-1-	-2-4-4-1-1-	-1-															2.80	
56-42.6147-110.2208-2-12-	0-L10706-09/29/76-17-	23-12.5-											6.5-	600-		16-1-1-4-6-3-3-1-	-2-4-4-3-1-	-1-															4.10	
56-42.5792-110.1572-2-15-	0-L10707-09/29/76-17-	23-											C-			12-1-6-5-6-	-1-	-3-4-5-1-	-3-															2.90
56-42.5558-110.1433-2-12-	0-L10709-09/29/76-17-	22-14.0-											5.4-	550-		4-1-6-5-6-2-1-	-1-2-4-4-1-1-	-1-															2.90	
56-42.5574-110.2469-2-15-	0-L10711-09/30/76-11-	21-														16-1-1-5-6-	-1-	-3-4-2-2-1-	-1-															3.40
56-42.5203-110.2222-2-12-	0-L10712-09/30/76-11-	22-9.0-C-											6.3-	370-		9-1-1-5-6-3-4-1-	-3-4-3-1-1-	-1-															2.90	
56-42.5433-110.2094-2-15-	0-L10713-09/30/76-12-	22-														12-1-1-5-6-	-1-	-3-4-5-2-1-	-1-															5.01
56-42.5617-110.2019-2-15-	0-L10715-09/30/76-12-	22-														9-1-1-4-6-3-3-1-	-3-4-2-2-1-	-1-															10.40	
56-42.5469-110.1511-2-12-	0-L10717-09/30/76-13-	22-12.0-											5.7-	850-		5-1-1-5-6-2-3-2-	-4-3-2-1-	-1-															2.20	
56-42.5214-110.1769-2-12-	0-L10719-09/30/76-14-	23-8.0-											6.3-	350-		15-1-1-6-8-3-3-1-	-3-4-3-1-1-	-1-															2.20	
56-42.5225-110.1069-2-12-	0-L10720-09/30/76-14-	23-											6.3-	400-		4-1-4-5-6-3-3-1-	-3-4-3-1-1-	-1-															2.60	
56-42.5278-110.1089-2-12-	0-L10722-09/30/76-15-	22-11.0-											5.4-	390-		10-1-1-5-6-2-3-1-	-3-4-3-2-1-	-1-															2.60	
56-42.3728-110.1464-2-15-	0-L10723-10/17/76-10-	16-														8-1-7-4-6-	-1-	-2-3-2-2-1-	-1-															4.00
56-42.4161-110.0333-2-15-	0-L10724-09/30/76-17-	28-														7-1-5-4-6-	-1-	-3-4-2-2-1-	-1-															2.10
56-42.4144-110.0333-2-15-	0-L10725-09/30/76-17-	28-														10-1-6-4-6-	-1-	-3-4-2-2-1-	-1-															3.70
56-42.4314-110.0017-2-15-	0-L1072A-09/30/76-17-	29-														9-1-6-4-6-	-1-	-3-4-2-2-1-	-1-															2.80
56-42.3911-110.0856-2-15-	0-L10727-09/30/76-17-	30-														10-1-6-4-6-	-1-	-3-4-3-2-1-	-1-															3.20
56-42.3817-110.0533-2-15-	0-L10728-09/30/76-17-	30-														10-1-6-4-6-	-1-	-3-4-2-2-1-	-1-															4.40

APPENDIX C-III

Field Data and Uranium Concentrations for Sediment Samples
in the Wyoming Portion of the Ogden NTMS Quadrangle

(See Appendix D for Codes to Listings)

APPENDIX C-III. Field Data and Uranium Concentrations for Sediment Samples-Ogden

DOE SAMPLE NUMBER										LAST SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION													
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	PH	SPECIFIC CONDUCTANCE (umho/cm)	SCHEMATIC	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLUMN	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WATERSHIP	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
						DATE	HOUR																										
56-01.7264-110.5667-2-14	0-L	8002-07/30/76-12	25-20.0	5.6	2250	12-17-5-6-1	3-1	-4-3-2-2-3	1	3-30																							
56-01.7039-110.5750-2-97	0-L	8003-07/30/76-12	25	-	-	6-1-7-4-6	-	-	-	3-70																							
56-01.6883-110.5483-2-15	0-L	8004-07/30/76-12	27	-	-	9-1-7-4-6	-	-	-	2-80																							
56-01.6889-110.5336-2-15	0-L	8005-07/30/76-13	29	-	-	9-1-7-4-6	-	-	-	3-10																							
56-01.6672-110.5736-2-15	0-L	8006-07/30/76-13	30	-	-	12-1-7-4-6	-	-	-	4-10																							
56-01.6314-110.5728-2-97	0-L	8008-07/30/76-14	31	-	-	9-1-7-4-6	-	-	-	3-70																							
56-01.6356-110.5444-2-15	0-L	8009-07/30/76-14	31	-	-	12-1-7-4-6	-	-	-	3-40																							
56-01.6361-110.5414-2-15	0-L	8010-07/30/76-14	31	-	-	6-1-7-4-6	-	-	-	3-20																							
56-01.7547-110.5778-2-12	0-L	8011-07/30/76-14	30-19.0	6.3	900	12-1-7-4-6	-	-	-	3-70																							
56-01.7514-110.5153-2-15	0-L	8012-07/30/76-15	30	-	-	12-1-7-4-6	-	-	-	4-20																							
56-01.7356-110.5219-2-15	0-L	8013-07/30/76-15	28	-	-	12-1-7-4-6	-	-	-	3-30																							
56-01.8125-110.7444-2-12	0-L	8014-08/01/76-9	24-18.0	6.6	500	12-1-7-4-6	-	-	-	3-10																							
56-01.8028-110.5853-2-12	0-L	8015-08/01/76-15	24	-	-	4-1-7-4-6	-	-	-	2-20																							
56-01.8167-110.6500-2-12	0-L	8016-08/01/76-15	27-23.0	6.6	500	7-1-7-4-6	-	-	-	2-40																							
56-01.8292-110.6593-2-15	0-L	8017-08/01/76-15	28	-	-	12-1-7-4-6	-	-	-	3-70																							
56-01.8042-110.6775-2-15	0-L	8018-08/01/76-15	26	-	-	6-1-7-4-6	-	-	-	2-70																							
56-01.7611-110.6986-2-11	0-L	8019-08/01/76-16	24-12.0-C	6.3	800	12-1-7-4-6	-	-	-	3-80																							
56-01.7597-110.6764-2-12	0-L	8020-08/01/76-16	25-19.0	7.2	850	16-1-7-4-6	-	-	-	3-10																							
56-01.7639-110.6736-2-15	0-L	8021-08/01/76-16	25	-	-	7-1-7-4-6	-	-	-	2-20																							
56-01.8319-110.7042-2-15	0-L	8022-08/01/76-16	24	-	-	6-1-7-4-6	-	-	-	2-40																							
56-01.8347-110.6986-2-15	0-L	8023-08/01/76-17	25	-	-	13-1-6-4-6	-	-	-	2-80																							
56-01.8622-110.7093-2-12	0-L	8024-08/01/76-17	28-22.0	6.0	700	12-1-7-4-6	-	-	-	2-40																							
56-01.8958-110.6988-2-12	0-L	8025-08/01/76-17	27-21.0	6.4	550	12-1-7-4-6	-	-	-	2-80																							
56-01.9194-110.7389-2-12	0-L	8026-08/01/76-17	26-20.5	6.6	670	12-1-7-4-6	-	-	-	4-40																							
56-01.8125-110.7033-2-12	0-L	8027-08/01/76-18	23-16.0	6.6	800	12-1-7-4-6	-	-	-	3-20																							
56-01.8728-110.5083-2-15	0-L	8028-08/03/76-8	15	-	-	12-1-7-4-6	-	-	-	4-60																							
56-01.8397-110.5667-2-15	0-L	8029-08/03/76-9	22	-	-	12-1-7-4-6	-	-	-	3-30																							
56-01.9083-110.6556-2-15	0-L	8030-08/03/76-9	22	-	-	10-1-7-5-6	-	-	-	2-10																							
56-01.9556-110.6708-2-12	0-L	8031-08/03/76-10	22-17.5	6.3	250	10-1-7-5-6	-	-	-	3-10																							
56-01.9722-110.7036-2-15	0-L	8032-08/03/76-10	23	-	-	12-1-7-4-6	-	-	-	2-30																							
56-01.9750-110.7000-2-15	0-L	8033-03/03/76-11	23	-	-	12-1-7-4-6	-	-	-	3-50																							
56-01.9328-110.6558-2-15	0-L	8034-08/03/76-11	24	-	-	10-1-7-4-6	-	-	-	2-30																							
56-01.9858-110.6492-2-15	0-L	8035-08/03/76-11	24	-	-	7-1-7-4-6	-	-	-	2-60																							
56-01.9732-110.6736-2-12	0-L	8036-08/03/76-11	23-18.0	6.3	150	9-1-7-5-6	-	-	-	2-90																							
56-01.8403-110.5306-2-12	0-L	8037-08/03/76-12	23-17.0	5.6	1500	7-1-6-4-8	-	-	-	2-80																							
56-01.8944-110.5399-2-15	0-L	8038-08/03/76-12	24	-	-	10-1-7-4-6	-	-	-	3-40																							
56-01.8958-110.5333-2-15	0-L	8039-08/03/76-13	25	-	-	15-1-7-4-6	-	-	-	2-70																							
56-01.9208-110.5375-2-12	0-L	8040-08/03/76-13	25-18.0	6.6	700	7-1-7-4-6	-	-	-	3-20																							
56-01.9292-110.5217-2-15	0-L	8041-08/03/76-13	23	-	-	12-1-7-4-6	-	-	-	2-80																							
56-01.9347-110.5597-2-15	0-L	8042-08/03/76-14	22	-	-	12-1-7-4-6	-	-	-	3-20																							
56-01.9389-110.5583-2-15	0-L	8043-08/03/76-14	22	-	-	10-1-7-4-6	-	-	-	3-00																							
56-01.9653-110.5403-2-12	0-L	8044-08/03/76-15	21-17.0	6.6	500	9-1-7-4-6	-	-	-	3-30																							
56-01.9847-110.5550-2-12	0-L	8045-08/03/76-15	19-17.0	6.6	600	8-1-7-4-6	-	-	-	3-10																							
56-01.9194-110.5569-2-15	0-L	8046-08/03/76-16	18	-	-	12-1-7-4-6	-	-	-	3-40																							
56-01.3719-110.6664-2-15	0-L	8047-08/04/76-11	21	-	-	9-1-7-5-7	-	-	-	3-50																							
56-01.3800-110.6533-2-14	0-L	8048-08/04/76-11	23-17.0-C	8.1	1050	9-1-7-5-7	-	-	-	3-60																							
56-01.3889-110.7033-2-97	0-L	8049-08/04/76-11	23	-	-	12-1-7-4-6	-	-	-	3-80																							
56-01.4072-110.6406-2-15	0-L	8050-08/04/76-12	23	-	-	9-1-7-4-6	-	-	-	3-60																							
56-01.4231-110.6553-2-97	0-L	8051-08/04/76-12	27	-	-	12-1-7-4-6	-	-	-	3-70																							
56-01.4767-110.6156-2-15	0-L	8052-08/04/76-12	25	-	-	9-1-7-4-6	-	-	-	3-70																							
56-01.4753-110.6214-2-97	0-L	8054-08/04/76-13	26	-	-	9-1-7-5-6	-	-	-	3-70																							

APPENDIX C-III (continued). Field Data and Uranium Concentrations for Sediment Samples-Ogden

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																	U CONCENTRATION													
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SOLAR MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho cm-1)	SCINOMETER (cm. diam.)	POC* TYPE	POC* COLOR	SEDIMENT TYPE	SEDIMENT* COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	REFLECT	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER INCHES	WELL DEPTH FEET	WATER DEPTH FEET	SEDIMENT SAMPLES	ANALYZED BY DELAYED NEUTRON COUNTING (DNC)	UNITS IN ppm
							DATE	HOUR																												
56-41.4578-110.6906-2-12	0-L	8055-08/04/75-13	26-19.0	-	7.8	850	10-1-7-4-6-2-2-2	-3-2-2-1	-1	-	-	-	3.00																							
56-41.4594-110.6919-2-15	0-L	8056-08/04/75-13	27	-	-	-	7-1-7-4-6-1	-3-2-2-1	-1	-	-	-	2.00																							
56-41.4575-110.7319-2-14	0-L	8057-08/04/75-13	26-25.0	-	8.1	750	12-1-7-5-7-1	-3-2-2-1	-1	-	-	-	4.00																							
56-41.4344-110.7347-2-97	0-L	8058-08/04/75-13	27	-	-	-	10-1-7-4-6-1	-3-2-2-1	-1	-	-	-	3.00																							
56-41.4472-110.6342-2-97	0-L	8059-08/04/75-14	26	-	-	-	0-1-7-4-6-1	-3-2-2-1	-1	-	-	-	3.00																							
56-41.4619-110.6350-2-97	0-L	8060-08/04/75-14	25	-	-	-	10-1-7-4-6-1	-3-2-2-1	-1	-	-	-	2.10																							
56-41.5394-110.5931-2-14	0-L	8061-08/04/75-14	27-21.0	-	5.3	250	0-1-7-5-6-2	-3-2-2-1	-1	-	-	-	3.40																							
56-41.6936-110.6196-2-97	0-L	8062-08/04/75-15	27	-	-	-	6-1-7-4-6-1	-3-2-2-1	-1	-	-	-	3.00																							
56-41.6919-110.6208-2-97	0-L	8063-08/04/75-15	28	-	-	-	12-1-7-4-6-1	-3-2-2-1	-1	-	-	-	3.00																							
56-41.5633-110.5904-2-12	0-L	8064-08/04/75-15	27-22.0	-	6.6	600	6-1-7-5-6-2-2-4	-3-2-2-1	-1	-	-	-	2.70																							
56-41.5792-110.5604-2-15	0-L	8065-08/04/75-15	22	-	-	-	10-1-7-4-6-1	-3-2-2-2	-1	-	-	-	3.40																							
56-41.5239-110.5411-2-15	0-L	8066-08/04/75-15	26	-	-	-	13-1-7-4-6-1	-3-2-2-2	-1	-	-	-	2.70																							
56-41.5172-110.5367-2-15	0-L	8067-08/04/75-15	26	-	-	-	13-1-7-4-6-1	-3-2-2-2	-1	-	-	-	2.70																							
56-41.5350-110.5006-2-15	0-L	8068-08/04/75-15	27	-	-	-	10-1-7-4-6-1	-3-2-2-2	-1	-	-	-	3.00																							
56-41.5375-110.5011-2-15	0-L	8069-08/04/75-15	27	-	-	-	10-1-7-4-4-1	-1-3-2-2-3	-1	-	-	-	2.30																							
56-41.5078-110.5612-2-12	0-L	8070-08/04/75-16	28-22.0	-	6.4	800	15-1-7-4-6-2-2-1	-3-2-3-2	-1	-	-	-	2.40																							
56-41.5867-110.5633-2-15	0-L	8071-08/04/75-16	28	-	-	-	9-1-7-4-6-1	-1-3-2-3-3	-1	-	-	-	2.70																							
56-41.5797-110.5450-2-15	0-L	8072-08/04/75-16	28	-	-	-	10-1-7-4-6-1	-1-3-2-3-2	-1	-	-	-	4.20																							
56-41.5786-110.5239-2-15	0-L	8073-08/04/75-17	24	-	-	-	10-1-7-4-6-1	-1-3-2-2-3	-1	-	-	-	2.80																							
56-41.5656-110.5069-2-15	0-L	8074-08/04/75-17	25	-	-	-	10-1-7-4-6-1	-1-3-2-2-3	-1	-	-	-	2.70																							
56-41.5675-110.5083-2-12	0-L	8075-08/04/75-17	25-10.0	-	6.9	1000	9-1-7-4-6-2-2-1	-3-2-2-2	-1	-	-	-	3.70																							
56-41.2867-110.7458-2-12	0-L	8076-08/05/75-12	24-19.0-C	-	6.3	1850	7-1-7-5-6-2-3-3	-3-3-4-1	-9	-	-	-	3.00																							
56-41.2881-110.7375-2-15	0-L	8077-08/05/75-12	24	-	-	-	3-1-7-4-6-1	-3-3-3-1	-1	-	-	-	3.40																							
56-41.2639-110.6681-2-15	0-L	8078-08/05/75-12	24	-	-	-	12-1-7-4-6-1	-3-3-3-1	-1	-	-	-	2.60																							

APPENDIX C-III (continued). Field Data and Uranium Concentrations for Sediment Samples-Ogden

DOE SAMPLE NUMBER						LAST SAMPLE NUMBER AND FIELD DATA																	CONCENTRATION														
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REKICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTIVITY (umho/cm)	SCINTILLANTER (mU ppm)	POC TYPE	POC COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	SHEATH CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	DEPTH	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH	WELL ID	WATER TYPE	WELL	ANALYZED BY	SEDIMENT SAMPLES
							DATE	HOUR																													
56-41.7644-110.2917-2-15	0-L	8106-08/06/76-12-28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80		
56-41.8011-110.3231-2-97	0-L	8107-08/06/76-12-28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90			
56-41.7914-110.3681-2-97	0-L	8108-08/06/76-13-29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30			
56-41.7897-110.3628-2-14	0-L	8109-08/06/76-13-30	25.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00			
56-41.8039-110.3472-2-15	0-L	8110-08/06/76-13-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00			
56-41.8056-110.3883-2-15	0-L	8111-08/06/76-13-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80			
56-41.8261-110.3122-2-15	0-L	8112-08/06/76-14-29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80			
56-41.8372-110.3093-2-15	0-L	8113-08/06/76-14-29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10			
56-41.8489-110.3033-2-15	0-L	8114-08/06/76-14-29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80			
56-41.8556-110.3383-2-15	0-L	8115-08/06/76-14-29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30			
56-41.8664-110.3222-2-15	0-L	8116-08/06/76-14-29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30			
56-41.8617-110.2778-2-15	0-L	8117-08/06/76-14-29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00			
56-41.8758-110.2667-2-15	0-L	8118-08/06/76-14-29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40			
56-41.8814-110.2633-2-15	0-L	8119-08/06/76-14-29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10			
56-41.8972-110.2572-2-15	0-L	8120-08/06/76-14-29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30			
56-41.9183-110.2617-2-15	0-L	8121-08/06/76-15-30	-	-	-	-	-																														

APPENDIX C-III (continued). Field Data and Uranium Concentrations for Sediment Samples-Ogden

DOE SAMPLE NUMBER						LAST SAMPLE NUMBER AND FIELD DATA																						U CONCENTRATION					
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (cpm)	DOCT TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	SPEARM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
56-41.7528-110.8062-2-15	0-L	8158-08/10/76-13	29	-	-	-	-	-	-	-	-	-	-	-	-	9-1-6-4-6	-1	-1-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-41.8611-110.8306-2-12	0-L	8159-08/10/76-13	27	-	-	-	-	-	-	-	-	-	-	5.6	950	16-1-6-5-6-2-2-1	-1-3-2-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-41.8750-110.8306-2-11	0-L	8160-08/10/76-13	24	-	-	-	-	-	-	-	-	-	-	5.6	490	12-1-6-4-8-3	-1	-3-2-4-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	3.10	
56-41.8917-110.8339-2-15	0-L	8161-08/10/76-14	27	-	-	-	-	-	-	-	-	-	-	-	-	7-1-6-4-6	-1	-1-3-2-4-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	3.40	
56-41.8922-110.8347-2-12	0-L	8162-08/10/76-14	27	-	-	-	-	-	-	-	-	-	-	6.6	400	10-1-6-4-6-3-3-1	-2-3-2-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40	
56-41.9389-110.8583-2-11	0-L	8163-08/10/76-14	24	-	-	-	-	-	-	-	-	-	-	6.3	500	12-1-6-4-8-2	-1	-3-2-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	3.60	
56-41.9597-110.8339-2-15	0-L	8164-08/10/76-14	28	-	-	-	-	-	-	-	-	-	-	-	-	9-1-6-4-6	-1	-1-3-2-4-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-41.8125-110.8833-2-15	0-L	8165-08/10/76-15	29	-	-	-	-	-	-	-	-	-	-	-	-	6-1-6-4-6	-1	-1-3-2-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.90	
56-41.7889-110.8631-2-11	0-L	8166-08/10/76-15	27	-	-	-	-	-	-	-	-	-	-	-	-	10-1-6-4-6	-1	-3-2-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.30	
56-41.8103-110.8875-2-15	0-L	8167-08/10/76-15	27	-	-	-	-	-	-	-	-	-	-	-	-	7-1-6-4-6	-1	-1-3-2-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.00	
56-41.8047-110.8847-2-15	0-L	8168-08/10/76-16	27	-	-	-	-	-	-	-	-	-	-	-	-	7-1-6-4-6	-1	-1-3-2-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-41.7842-110.8931-2-11	0-L	8169-08/10/76-16	26	-	-	-	-	-	-	-	-	-	-	-	-	10-1-6-4-6	-1	-3-2-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.40	
56-41.7828-110.8972-2-15	0-L	8170-08/10/76-16	26	-	-	-	-	-	-	-	-	-	-	-	-	7-1-6-4-6	-1	-2-3-2-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.00	
56-41.7750-110.8917-2-15	0-L	8171-08/10/76-16	30	-	-	-	-	-	-	-	-	-	-	-	-	6-1-6-4-6	-1	-3-2-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	3.20	
56-41.8061-110.7756-2-15	0-L	8172-08/10/76-18	30	-	-	-	-	-	-	-	-	-	-	-	-	6-1-6-4-6	-1	-2-3-2-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.10	
56-41.8556-110.9042-2-11	0-L	8173-08/10/76-16	27	-	-	-	-	-	-	-	-	-	-	6.3	500	7-1-6-5-7-3	-1	-3-2-4-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.10	
56-41.7833-111.0311-2-15	0-L	8174-08/10/76-16	30	-	-	-	-	-	-	-	-	-	-	-	-	13-1-6-4-6	-1	-1-3-2-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.20	
56-41.7767-111.0417-2-15	0-L	8175-08/10/76-17	28	-	-	-	-	-	-	-	-	-	-	-	-	12-1-6-4-6	-1	-3-2-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-41.8128-111.0306-2-15	0-L	8176-08/10/76-17	28	-	-	-	-	-	-	-	-	-	-	-	-	9-1-6-4-6	-1	-2-3-2-1-2	-2	-	-	-	-	-	-	-	-	-	-	-	-	16.50	
56-41.9067-111.0244-2-15	0-L	8177-08/10/76-17	26	-	-	-	-	-	-	-	-	-	-	-	-	9-1-6-4-6	-1	-2-3-2-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.80	
56-41.9200-111.0333-2-97	0-L	8178-08/10/76-17	26	-	-	-	-	-	-	-	-	-	-	-	-	15-1-6-4-6	-1	-3-2-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-41.9375-111.0036-2-15	0-L	8179-08/10/76-17	24	-	-	-	-	-	-	-	-	-	-	-	-	9-1-6-4-6	-1	-2-3-2-1-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-41.9550-111.0111-2-15	0-L	8180-08/10/76-18	24	-	-	-	-	-	-	-	-	-	-	-	-	12-1-6-4-6	-1	-2-3-2-2-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.00	
56-41.9547-111.0228-2-14	0-L	8181-08/10/76-18	27	-	-	-	-	-	-	-	-	-	-	8.1	1650	7-1-6-5-8-1-2-2	-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20	
56-41.9761-111.0106-2-97	0-L	8182-08/10/76-18	26	-	-	-	-	-	-	-	-	-	-	-	-	7-1-6-4-6	-1	-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.30	
56-41.9869-111.0150-2-14	0-L	8183-08/10/76-18	24	-	-	-	-	-	-	-	-	-	-	6.9	1000	9-1-6-4-6	-2	-3-2-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.20	
56-41.6744-110.8417-2-15	0-L	8184-08/11/76-13	24	-	-	-	-	-	-	-	-	-	-	-	-	9-1-7-4-6	-1	-4-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.90	
56-41.6617-110.6722-2-11	0-L	8185-08/11/76-13	26	-	-	-	-	-	-	-	-	-	-	5.3	500	8-1-7-5-6-3-3-1	-4-3-4-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	7.90	
56-41.6364-110.6350-2-14	0-L	8186-08/11/76-13	24	-	-	-	-	-	-	-	-	-	-	7.2	750	9-1-7-5-6-1-2-3	-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30	
56-41.6697-110.7333-2-97	0-L	8187-08/11/76-14	24	-	-	-	-	-	-	-	-	-	-	-	-	9-1-7-4-6	-1	-3-3-4-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	4.20	
56-41.6622-110.7617-2-12	0-L	8188-08/11/76-14	25	-	-	-	-	-	-	-	-	-	-	5.5	700	3-1-7-5-6-3-3-1	-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-41.6622-110.7683-2-15	0-L	8189-08/11/76-14	25	-	-	-	-	-	-	-	-	-	-	-	-	6-1-7-4-6	-1	-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.60	
56-41.6619-110.8031-2-15	0-L	8190-08/11/76-15	25	-	-	-	-	-	-	-	-	-	-	-	-	6-1-7-4-6	-1	-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.10	
56-41.6603-110.8036-2-15	0-L	8191-08/11/76-15	25	-	-	-	-	-	-	-	-	-	-	-	-	6-1-7-4-6	-1	-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.20	
56-41.6722-110.8539-2-15	0-L	8192-08/11/76-15	24	-	-	-	-	-	-	-	-	-	-	-	-	3-1-7-4-6	-1	-3-3-4-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.10	
56-41.6889-110.8131-2-97	0-L	8193-08/11/76-16	24	-	-	-	-	-	-	-	-	-	-	-	-	12-1-7-4-6	-1	-3-3-4-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	3.30	
56-41.6289-110.7094-2-15	0-L	8194-08/11/76-16	25	-	-	-	-	-	-	-	-	-	-	-	-	6-1-7-4-6	-1	-3-3-3-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	3.30	
56-41.6422-110.7125-2-15	0-L	8195-08/11/76-16	24	-	-	-	-	-	-	-	-	-	-	-	-	12-1-7-4-6	-1	-3-3-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.80	
56-41.6419-110.7093-2-15	0-L	8196-08/11/76-16	24	-	-	-	-	-	-	-	-	-	-	-	-	9-1-7-4-6	-1	-3-3-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	3.10	
56-41.6914-110.6250-2-14	0-L	8197-08/11/76-16	25	-	-	-	-	-	-	-	-	-	-	5.6	900	9-1-7-5-6-1-3-1	-3-3-3-3	-2	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20	
56-41.7106-110.7517-2-14	0-L	8198-08/11/76-16	25	-	-	-	-	-	-	-	-	-	-	5.9	1050	9-1-7-5-6-1-3-3	-3-3-3-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	4.00	
56-41.7472-110.7508-2-15	0-L	8199-08/11/76-17	25	-	-	-	-	-	-	-	-	-	-	-	-	6-1-7-4-6	-1	-3-3-4-3	-1	-	-	-	-	-	-	-	-	-	-	-	-	3.10	
56-41.2950-110.7767-2-15	0-L	8200-08/12/76-11	27	-	-	-	-	-	-	-	-	-	-	-	-	13-1-6-4-6	-1	-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	3.00	
56-41.2722-110.8550-2-14	0-L	8201-08/12/76-11	27	-	-	-	-	-	-	-	-	-	-	8.1	700	7-1-6-5-8	-2	-3-2-2	-1	-	-	-	-	-	-	-	-	-	-	-	-	7.30	
56-41.3328-110.8225-2-11	0-L	8202-08/12/76-11	27	-	-	-	-	-	-	-	-	-	-	5.6	800	9-1-6-5-6-2-2-1	-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20	
56-41.3572-110.8150-2-14	0-L	8203-08/12/76-12	28	-	-	-	-	-	-	-	-	-	-	6.3	500	6-1-6-5-6-2-2-1	-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20	
56-41.3322-110.8703-2-15	0-L	8204-08/12/76-12	26	-	-	-	-	-	-	-	-	-	-	-	-	9-1-6-4-6	-1	-1-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.90	
56-41.3289-110.8678-2-15	0-L	8205-08/12/76-12	27	-	-	-	-	-	-	-	-	-	-	-	-	9-1-6-4-6	-1	-1-3-2-3-1	-1	-	-	-	-	-	-	-	-	-	-	-	-	2.40	
56-41.2728-110.7678-2-15	0-L	8206-08/12/76-12	27	-	-	-	-	-	-	-	-	-	-	-	-	10-1-6-4-6	-1	-3-2-3-1	-1	-</													

APPENDIX C-III (continued). Field Data and Uranium Concentrations for Sediment Samples-Ogden

DOE SAMPLE NUMBER										LAST SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION														
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER #U ppm	DOX TYPE	DOX #1, 2, 3	SEDIMENT TYPE	SEDIMENT COLOR	WATER TON	WATER TIVE	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
							DATE	HOUR																										
56-41	3475-110	6117-2-15			0-L	8206-08/12/76-13	29																											2.30
56-41	3419-110	5967-2-15			0-L	8210-08/12/76-13	29																											2.00
56-41	3554-110	6178-2-15			0-L	8211-08/12/76-13	29																											3.00
56-41	3711-110	6075-2-15			0-L	8212-08/12/76-13	29																											2.70
56-41	2911-110	5967-2-15			0-L	8213-08/12/76-13	29																											3.10
56-41	2733-110	5667-2-15			0-L	8215-08/12/76-13	26																											4.00
56-41	2917-110	5794-2-15			0-L	8215-08/12/76-13	26																											2.00
56-41	2699-110	4967-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	2583-110	4556-2-15			0-L	8215-08/12/76-13	27																											3.20
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											2.80
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.10
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/76-13	27																											3.30
56-41	3289-110	4150-2-15			0-L	8215-08/12/7																												

APPENDIX C-III (continued). Field Data and Uranium Concentrations for Sediment Samples-Ogden

DOE SAMPLE NUMBER						LAST SAMPLE NUMBER AND FIELD DATA																						U CONCENTRATION								
STAT	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE $\mu\text{mho/cm}$	SCINTILLOMETER $\mu\text{Ci/gm}$	DOCK #1	DOCK #2	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	BELIEF	WATER-UP	DOWN-UP	CONTAMINANTS	WELL TYPE	WELL DIAMETER INCHES	WELL DEPTH FEET	WATER DEPTH FEET	ANALYZED BY DELAYED NEUTRON COUNTING (DNC)	SEDIMENT SAMPLES	
							DATE	HOUR																												UNITS: N ppm
56-41.4306-110.9569-2-15-						0-L 8260-08/16/75-18-	24-									7-1-6-4-6-	-1-	-1-3-2-3-1-	-1-															2.10		
56-41.4406-110.9239-2-14-						0-L 8261-08/16/75-16-	25-21.0-					5.6-	500-			7-1-6-5-7-2-2-2-	-2-	-3-2-3-1-	-1-																2.70	
56-41.4386-110.9236-2-97-						0-L 8262-08/16/75-16-	25-									9-1-6-4-6-	-1-	-3-2-3-1-	-1-																2.10	
56-41.3931-110.9697-2-97-						0-L 8263-08/16/75-17-	26-									12-1-6-4-6-	-1-	-3-2-3-1-	-1-																2.10	
56-41.3969-110.9600-2-15-						0-L 8264-08/16/75-17-	26-									7-1-6-4-6-	-1-	-1-3-2-3-1-	-1-																2.10	
56-41.3983-110.9606-2-15-						0-L 8265-08/16/75-17-	26-									9-1-6-4-6-	-1-	-1-3-2-3-1-	-1-																2.20	
56-41.0100-111.0411-2-15-						0-L 8266-08/17/75-13-	25-18.0-					5.6-	500-			6-1-7-5-6-2-2-1-	-1-	-3-3-3-3-	-1-																2.30	
56-41.0556-111.0014-2-11-						0-L 8267-08/17/75-13-	29-12.0-					7.5-	450-			9-1-7-5-6-2-3-1-	-1-	-3-3-3-3-	-1-																4.60	
56-41.1039-111.0172-2-12-						0-L 8268-08/17/75-14-	30-16.0-					5.6-	600-			9-1-7-5-6-2-2-1-	-1-	-4-3-3-2-	-1-																2.60	
56-41.1014-111.0292-2-14-						0-L 8269-08/17/75-14-	26-18.0-					7.0-	600-			6-1-7-5-6-1-2-1-	-1-	-3-3-3-3-	-1-																2.10	
56-41.1242-111.0139-2-11-						0-L 8270-08/17/75-14-	26-18.0-					8.1-	700-			12-1-7-5-6-2-2-1-	-1-	-3-3-3-3-	-1-																2.60	
56-41.0375-110.9761-2-15-						0-L 8271-08/17/75-15-	25-									6-1-7-4-6-	-1-	-3-3-3-2-	-1-																2.10	
56-41.0539-110.9875-2-15-						0-L 8272-08/17/75-15-	25-									6-1-7-4-6-	-1-	-3-3-3-3-	-1-																3.20	
56-41.0717-110.9622-2-14-						0-L 8273-08/17/75-15-	24-18.0-					7.8-	800-			6-1-7-5-6-1-2-1-	-1-	-3-3-4-2-	-1-																3.00	
56-41.1019-110.9792-2-15-						0-L 8274-08/17/75-16-	25-									6-1-7-4-6-	-1-	-3-3-3-5-	-1-																4.00	
56-41.0333-110.9667-2-12-						0-L 8275-08/17/75-16-	24-17.0-					5.6-	500-			9-1-7-5-6-2-2-1-	-1-	-3-3-3-	-1-																8.50	
56-41.0333-110.9694-2-15-						0-L 8276-08/17/75-16-	24-									9-1-7-4-6-	-1-	-3-3-3-5-	-1-																2.30	
56-41.0408-110.9350-2-11-						0-L 8277-08/17/75-16-	24-14.0-					5.9-	750-			1-1-7-5-6-1-3-1-	-1-	-3-3-3-3-	-1-																3.10	
56-41.0550-110.9283-2-12-						0-L 8278-08/17/75-16-	24-14.0-					6.5-	190-			9-1-7-5-6-1-3-1-	-1-	-3-3-3-3-	-1-																2.30	
56-41.0044-110.9303-2-14-						0-L 8279-08/17/75-17-	24-18.0-					5.6-	1700-			6-1-7-5-6-2-2-1-	-1-	-3-3-3-3-	-1-																2.30	
56-41.0075-110.9129-2-12-						0-L 8280-08/17/75-17-	22-17.0-					5.9-	4300-			9-1-7-5-6-2-2-1-	-1-	-1-3-2-2-	-1-																2.60	
56-41.0100-110.9075-2-12-						0-L 8281-08/17/75-18-	21-17.0-					7.2-	950-			6-1-7-4-6-	-1-	-3-3-3-3-	-1-																	4.00
56-41.0758-110.9089-2-12-						0-L 8282-08/17/75-18-	21-18.0-					5.6-	4000-			6-1-7-5-6-2-2-1-	-1-	-4-3-2-2-	-1-																5.40	
56-41.1217-110.8850-2-15-						0-L 8283-08/17/75-17-	22-									1-1-7-4-6-	-1-	-3-3-3-3-	-1-																2.80	
56-41.1300-110.9528-2-15-						0-L 8284-08/17/75-17-	21-									6-1-7-4-6-	-1-	-3-3-4-2-	-1-																2.40	
56-41.1517-110.8456-2-12-						0-L 8285-08/17/75-18-	21-14.0-					6.9-	4900-			6-1-7-5-6-2-2-1-	-1-	-4-3-3-3-	-1-																2.10	
56-41.1439-110.8078-2-15-						0-L 8286-08/17/75-18-	22-									6-1-7-4-6-	-1-	-3-3-3-1-	-1-																2.30	
56-41.1294-110.7772-2-15-						0-L 8287-08/17/75-18-	21-									9-1-7-4-6-	-1-	-4-3-2-3-	-1-																3.20	
56-41.1356-110.7822-2-14-						0-L 8288-08/17/75-18-	21-14.0-					8.2-	500-			4-1-7-5-6-1-3-3-	-3-	-3-3-2-3-	-1-																2.40	
56-41.1533-110.7714-2-15-						0-L 8289-08/17/75-18-	21-									1-1-7-4-6-	-1-	-3-3-4-2-	-1-																3.40	
56-41.3294-111.0222-2-15-						0-L 8290-08/19/75-11-	22-									10-1-6-4-6-	-1-	-1-3-2-2-	-1-																3.60	
56-41.3017-111.0172-2-15-						0-L 8291-08/19/75-11-	24-									12-1-6-4-6-	-1-	-3-2-2-1-	-1-																2.40	
56-41.2597-111.0306-2-11-						0-L 8292-08/19/75-11-	25-16.0-					6.5-	800-			7-1-6-5-8-2-2-1-	-2-	-3-2-2-1-	-1-																3.90	
56-41.3358-110.9644-2-14-						0-L 8293-08/19/75-13-	26-21.0-					5.8-	370-			6-1-6-5-6-	-2-	-3-2-2-1-	-1-																3.60	
56-41.3389-110.9644-2-15-						0-L 8294-08/19/75-13-	26-									12-1-6-4-6-	-1-	-1-3-2-3-1-	-1-																2.60	
56-41.3058-110.9344-2-14-						0-L 8295-08/19/75-14-	28-22.0-					5.9-	220-			10-1-6-5-6-	-2-	-3-2-3-1-	-1-																2.30	
56-41.3006-110.9194-2-15-						0-L 8296-08/19/75-15-	27-									9-1-6-4-6-	-1-	-1-3-2-3-1-	-1-																3.40	
56-41.3022-110.9067-2-11-						0-L 8297-08/19/75-15-	25-									12-1-6-5-6-	-1-	-3-2-3-1-	-1-																2.60	
56-41.3194-110.8906-2-15-						0-L 8298-08/19/75-15-	26-									12-1-6-4-6-	-1-	-3-2-3-1-	-1-																2.90	
56-41.2939-110.9244-2-15-						0-L 8299-08/19/75-15-	26-									6-1-6-4-6-	-1-	-1-3-2-3-1-	-1-																3.40	
56-41.2594-110.8850-2-15-						0-L 8300-08/19/75-15-	27-									10-1-6-4-6-	-1-	-1-3-2-3-1-	-1-																6.50	
56-41.2125-110.8661-2-15-						0-L 8301-08/19/75-16-	26-									9-1-6-4-6-	-1-	-1-3-2-3-1-	-1-																3.30	
56-41.1944-110.8494-2-12-						0-L 8302-08/19/75-16-	25-18.0-					6.9-	1000-			10-1-6-5-6-2-2-1-	-1-	-1-3-2-2-1-	-1-																3.60	
56-41.1761-110.7983-2-15-						0-L 8303-08/19/75-17-	27-									7-1-6-4-6-	-1-	-1-3-2-2-1-	-1-																2.70	
56-41.1814-110.7961-2-15-						0-L 8304-08/19/75-17-	26-									9-1-6-4-6-	-1-	-1-3-2-3-1-	-1-																3.10	
56-41.2147-110.7356-2-15-						0-L 8305-08/19/75-17-	26-									6-1-6-4-6-	-1-	-1-3-2-3-1-	-1-																2.80	
56-41.2175-110.7394-2-15-						0-L 8306-08/19/75-17-	26-									10-1-6-4-6-	-1-	-1-3-2-3-1-	-1-																2.80	
56-41.2431-110.6989-2-15-						0-L 8307-08/19/75-18-	26-</																													

APPENDIX C-III (continued). Field Data and Uranium Concentrations for Sediment Samples-Ogden

DOE SAMPLE NUMBER						LAST SAMPLE NUMBER AND FIELD DATA																			U CONCENTRATION								
STATE	LATITUDE	LONGITUDE	DOT LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLATOR (cm ² /min)	DOCK TYPE	ROCK COOP	SEDIMENT TYPE	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	WIND	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH FT	WATER DEPTH FT	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN PPM
							DATE	HOUR																									
56-41.2494-110.6367-2-15	0-L	8311-08/19/76-18	23-													7-1-7-4-6-	-1-	-3-2-2-1-	-1-														2.60
56-41.3167-110.3539-2-12	0-L	8312-08/22/76-9	22-18.0-										6.3-	230-		6-1-7-5-6-2-3-1-	-4-3-2-2-	-1-															4.70
56-41.3678-110.3444-2-15	0-L	8313-08/22/76-9	25-													13-1-7-4-6-	-1-	-4-3-2-2-	-1-														3.10
56-41.3578-110.3672-2-12	0-L	8314-08/22/76-9	25-18.0-										6.3-	1900-		3-1-7-5-6-2-3-1-	-4-3-2-2-	-1-															3.40
56-41.3022-110.2972-2-12	0-L	8315-08/22/76-10	24-17.0-										6.0-	200-		6-1-7-5-6-2-3-1-	-4-3-2-2-	-1-															4.00
56-41.2683-110.2633-2-12	0-L	8316-08/22/76-10	26-17.0-										6.3-	4200-		3-1-7-5-6-2-2-1-	-3-3-2-1-	-1-															4.70
56-41.2747-110.2583-2-15	0-L	8317-08/22/76-10	25-													6-1-7-4-6-	-1-	-3-3-2-2-	-1-														3.70
56-41.2578-110.2561-2-97	0-L	8318-08/22/76-10	26-													9-1-7-4-6-	-1-	-3-3-2-2-	-1-														12.30
56-41.2617-110.2333-2-97	0-L	8319-08/22/76-11	26-													6-1-7-4-6-	-1-	-3-3-2-2-	-1-														3.20
56-41.2411-110.2291-2-15	0-L	8320-08/22/76-11	26-													12-1-7-4-6-	-1-	-3-3-2-2-	-1-														5.00
56-41.2392-110.2308-2-15	0-L	8321-08/22/76-11	26-													12-1-7-4-6-	-1-	-3-3-2-2-	-1-														3.30
56-41.2081-110.2428-2-15	0-L	8322-08/22/76-11	26-													3-1-7-4-6-	-1-	-3-3-2-2-	-1-														4.80
56-41.2081-110.2411-2-15	0-L	8323-08/22/76-11	26-													6-1-7-4-6-	-1-	-3-3-2-2-	-1-														4.20
56-41.1894-110.2344-2-12	0-L	8324-08/22/76-12	30-17.0-										7.2-	9000-		9-1-7-5-6-2-2-3-	-3-3-2-2-	-1-															3.30
56-41.2189-110.2056-2-15	0-L	8325-08/22/76-12	30-													9-1-7-4-7-	-1-	-3-3-2-2-	-1-														3.60
56-41.1928-110.1917-2-15	0-L	8326-08/22/76-12	30-													6-1-7-4-7-	-1-	-3-3-2-2-	-1-														3.40
56-41.1744-110.1833-2-12	0-L	8327-08/22/76-13	30-17.0-										6.6-	550-		12-1-7-5-7-3-3-3-	-3-3-2-2-	-1-															3.10
56-41.1781-110.1800-2-15	0-L	8328-08/22/76-13	30-													6-1-7-4-7-	-1-	-3-3-2-2-	-1-														3.00
56-41.1747-110.1803-2-15	0-L	8329-08/22/76-13	30-													3-1-7-4-7-	-1-	-3-3-2-2-	-1-														2.30
56-41.1531-110.2244-2-14	0-L	8330-08/22/76-13	27-													9-1-7-4-7-	-1-	-3-3-2-2-	-1-														3.30
56-41.1417-110.2208-2-15	0-L	8331-08/22/76-13	26-													6-1-7-4-7-	-1-	-3-3-2-2-	-1-														5.30
56-41.1586-110.1919-2-15	0-L	8332-08/22/76-13	29-													6-1-7-4-7-	-1-	-3-3-2-2-	-1-														3.60
56-41.1581-110.1889-2-15	0-L	8333-08/22/76-13	29-													6-1-7-4-7-	-1-	-3-3-2-2-	-1-														3.10
56-41.1256-110.1689-2-15	0-L	8334-08/22/76-14	30-													9-1-7-4-7-	-1-	-3-3-2-2-	-1-														3.40
56-41.0261-110.1678-2-12	0-L	8335-08/22/76-14	31-17.0-										5.6-	500-		6-1-7-5-6-2-3-1-	-4-3-2-2-	-1-															3.70
56-41.0069-110.1689-2-11	0-L	8336-08/22/76-14	31-10.0-										5.6-	290-		6-1-7-5-6-2-3-1-	-4-3-2-2-	-1-															3.10
56-41.0322-110.2467-2-15	0-L	8337-08/22/76-15	31-													6-1-7-4-6-	-1-	-3-3-2-2-	-1-														3.80
56-41.0808-110.1392-2-15	0-L	8338-08/22/76-15	30-													18-1-7-4-7-	-1-	-3-3-2-2-	-1-														3.20
56-41.2556-110.1972-2-12	0-L	8339-08/22/76-15	30-17.0-										5.6-	800-		9-1-7-5-7-3-3-3-	-3-3-2-2-	-1-															3.10
56-41.2736-110.1856-2-12	0-L	8340-08/22/76-16	30-17.0-										6.6-	600-		12-1-7-4-7-3-3-3-	-4-3-2-2-	-1-															3.40
56-41.3133-110.2447-2-14	0-L	8341-08/22/76-16	28-18.0-										7.2-	3450-		10-1-7-5-6-1-3-1-	-4-3-2-3-	-1-															5.10
56-41.2933-110.2267-2-12	0-L	8342-08/22/76-17	25-17.0-										6.9-	1900-		9-1-7-5-7-3-3-3-	-3-3-2-1-	-1-															4.30
56-41.3181-110.2750-2-97	0-L	8343-08/22/76-17	25-													6-1-7-4-6-	-1-	-4-3-2-3-	-1-														5.20
56-41.3653-110.2594-2-12	0-L	8344-08/24/76-10	20-18.0-										5.3-	2400-		3-1-6-5-7-2-2-1-	-3-2-2-1-	-1-															3.30
56-41.3428-110.2439-2-14	0-L	8345-08/24/76-10	24-21.0-										5.6-	2600-		10-1-6-5-7-2-2-2-	-3-2-2-1-	-1-															4.90
56-41.3547-110.2017-2-12	0-L	8346-08/24/76-10	25-19.0-										5.6-	1450-		10-1-6-5-6-2-2-1-	-3-2-2-1-	-1-															4.30
56-41.3003-110.1500-2-15	0-L	8347-08/24/76-11	25-													15-1-6-4-6-	-1-	-3-2-2-1-	-1-														3.30
56-41.3619-110.1478-2-15	0-L	8348-08/24/76-11	24-													13-1-6-4-6-	-1-	-3-2-2-1-	-1-														3.40
56-41.3461-110.1803-2-15	0-L	8349-08/24/76-11	25-													9-1-6-4-7-	-1-	-3-2-2-1-	-1-														4.00
56-41.3372-110.1778-2-15	0-L	8350-08/24/76-11	25-													9-1-6-4-6-	-1-	-3-2-2-1-	-1-														3.30
56-41.3050-110.1511-2-15	0-L	8351-08/24/76-11	24-													12-1-6-4-7-	-1-	-3-2-2-1-	-1-														4.30
56-41.3067-110.1489-2-15	0-L	8352-08/24/76-11	27-													10-1-6-4-7-	-1-	-3-2-2-1-	-1-														4.30
56-41.3694-110.2494-2-12	0-L	8353-08/24/76-12	25-19.0-										6.6-	2600-		13-1-6-5-6-3-3-1-	-3-2-2-1-	-1-															4.30
56-41.3956-110.2217-2-15	0-L	8354-08/24/76-13	26-													10-1-6-4-6-	-1-	-1-3-2-2-1-	-1-														3.40
56-41.4289-110.2178-2-15	0-L	8355-08/24/76-13	24-													9-1-6-4-7-	-1-	-1-3-2-2-1-	-1-														3.30
56-41.4336-110.2286-2-15	0-L	8356-08/24/76-13	24-													10-1-6-4-6-	-1-	-1-3-2-2-1-	-1-														3.30
56-41.4636-110.2075-2-15	0-L	8357-08/24/76-13	25-													13-1-6-4-7-	-1-	-1-3-2-2-1-	-1-														2.90
56-41.4656-110.2072-2-15	0-L	8358-08/24/76-13	26-													6-1-6-4-7-	-1-	-1-3-2-3-1-	-1-														3.30
56-41.4939-110.2061-2-15	0-L	8359-08/24/76-14	27-													13-1-6-4-7-	-1-	-1-3-2-2-1-	-1-														2.80
56-41.4761-110.1578-2-15	0-L	8360-08/24/76-14	28-													13-1-6-4-7-	-1-	-1-3-2-2-1-	-														

APPENDIX C-III (continued). Field Data and Uranium Concentrations for Sediment Samples-Ogden

[illegible]

APPENDIX C-III (continued). Field Data and Uranium Concentrations for Sediment Samples-Ogden

[illegible]

APPENDIX C-III (continued). Field Data and Uranium Concentrations for Sediment Samples-Ogden

DOE SAMPLE NUMBER						LAST SAMPLE NUMBER AND FIELD DATA																	U CONCENTRATION													
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	PH	SPECIFIC CONDUCTANCE (umho cm-1)	SCINTILLATOR (cpm)	POC TYPE	POCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	BUILT	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL SAMPLER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES	ANALYZED BY DELAYED NEUTRON COUNTING (DNC)	UNITS IN ppm
							DATE	HOUR																												
56-41.0653-110.2508-2-11	0-L	8464-08/29/75-13	29-13.0	-	5.5	550	6-1-7-5-6-2-2-1	-	3-3-2-2	-	-	-	-	-	3.30																					
56-41.0244-110.3297-2-11	0-L	8465-08/29/75-13	31-14.0	-	5.3	750	9-1-6-4-7-2-1	-	3-2-3-2	-	-	-	-	-	3.00																					
56-41.0744-110.3214-2-11	0-L	8466-08/29/75-13	30-14.0	-	5.0	370	10-1-6-4-7-2-1	-	3-2-3-2	-	-	-	-	-	6.30																					
56-41.0617-110.3433-2-12	0-L	8467-08/29/75-13	28-18.0	-	5.3	300	10-1-6-4-6-2-2-1	-	3-2-3-2	-	-	-	-	-	3.00																					
56-41.0611-110.3461-2-12	0-L	8468-08/29/75-13	30-17.0	-	5.1	290	10-1-7-4-6-2-2-1	-	3-2-3-2	-	-	-	-	-	3.00																					
56-41.0494-110.3681-2-11	0-L	8469-08/29/75-14	31-14.0	-	5.9	100	9-1-7-4-6-2-2-1	-	3-2-3-2	-	-	-	-	-	4.00																					
56-41.2494-110.3722-2-12	0-L	8470-08/29/76-15	30-14.0	-	5.3	340	9-1-7-5-6-2-2-1	-	2-3-2-2	-	-	-	-	-	4.20																					
56-41.2478-110.3672-2-12	0-L	8471-08/29/76-15	30-17.0	-	5.3	1050	9-1-6-4-6-2-2-1	-	3-2-2-2	-	-	-	-	-	3.00																					
56-41.1117-110.3794-2-11	0-L	8472-08/29/75-15	30-14.0	-	5.5	410	6-1-7-5-6-2-2-1	-	3-3-2-2	-	-	-	-	-	5.00																					
56-41.0533-110.3972-2-12	0-L	8473-08/29/75-16	27-14.0	-	5.7	40	6-1-7-5-6-3-3-1	-	2-3-4-2	-	-	-	-	-	6.70																					
56-41.0511-110.4050-2-15	0-L	8474-08/29/76-16	25-	-	-	-	15-1-7-4-6-	-	1-4-3-2	-	-	-	-	-	5.20																					
56-41.0317-110.4028-2-12	0-L	8475-08/29/76-16	25-15.0	-	5.3	220	13-1-7-5-6-2-2-1	-	1-3-3-2	-	-	-	-	-	5.30																					
56-41.0317-110.4044-2-12	0-L	8476-08/29/76-16	25-15.0	-	5.3	170	15-1-7-5-6-2-2-1	-	1-3-3-2	-	-	-	-	-	7.00																					
56-41.0175-110.4783-2-12	0-L	8477-08/29/76-17	23-15.0	-	5.1	40	9-1-7-5-6-2-2-1	-	1-3-3-2	-	-	-	-	-	4.70																					
56-41.0175-110.4808-2-12	0-L	8478-08/29/76-17	23-14.0	-	5.5	400	9-1-7-5-6-2-2-1	-	1-3-3-2	-	-	-	-	-	5.30																					
56-41.0661-110.4978-2-15	0-L	8479-08/29/76-17	27-	-	-	-	7-1-7-4-6-	-	3-3-3-2	-	-	-	-	-	5.00																					
56-41.0639-110.5028-2-11	0-L	8480-08/29/76-17	27-13.0	-	5.8	500	6-1-7-5-6-2-2-1	-	3-3-3-2	-	-	-	-	-	3.00																					
56-41.0689-110.5083-2-15	0-L	8481-08/29/76-17	27-	-	-	-	6-1-7-4-6-	-	3-3-2-2	-	-	-	-	-	5.10																					
56-41.1119-110.4667-2-12	0-L	8482-08/29/76-17	25-15.0	-	5.5	360	9-1-7-5-6-2-2-1	-	3-3-3-2	-	-	-	-	-	5.00																					
56-41.1039-110.0583-2-15	0-L	8483-08/29/76-18	27-	-	-	-	6-1-7-4-6-	-	3-3-3-2	-	-	-	-	-	3.00																					
56-41.1169-110.0161-2-97	0-L	8484-08/29/76-18	27-	-	-	-	9-1-7-4-6-	-	3-3-2-2	-	-	-	-	-	3.30																					
56-41.0208-110.0986-2-11	0-L	8485-08/29/76-18	27-12.0	-	5.5	550	9-1-7-5-6-2-2-1	-	3-3-3-2	-																										

APPENDIX C-III (continued). Field Data and Uranium Concentrations for Sediment Samples -Ogden

[illegible]

APPENDIX C-III (continued). Field Data and Uranium Concentrations for Sediment Samples-Ogden

DOE SAMPLE NUMBER						LAST SAMPLE NUMBER AND FIELD DATA																		U CONCENTRATION											
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SUSPENDED SOLIDS (mg/l)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	ANALYZED BY DELAYED NEUTRON COUNTING (DNC)	UNITS IN ppm	
							DATE	HOUR																											
56-41.5347-110.0083-2-15-	0-L	8567-09/23/76-15-	20-																																4.90
56-41.5103-110.1281-2-15-	0-L	8568-09/23/76-16-	21-																																3.80
56-41.5350-110.1200-2-15-	0-L	8569-09/23/76-17-	20-																																2.70
56-41.5600-110.1217-2-15-	0-L	8570-09/23/76-17-	20-																																3.00
56-41.5658-110.1367-2-15-	0-L	8571-09/23/76-18-	20-																																3.30
56-41.5633-110.1553-2-15-	0-L	8572-09/23/76-18-	20-																																3.30
56-41.5583-110.1789-2-15-	0-L	8573-09/23/76-18-	1A-																																4.10
56-41.5220-110.1550-2-15-	0-L	8574-09/23/76-18-	20-																																3.90
56-41.4328-110.4236-2-15-	0-L	8575-09/24/76-10-	19-																																3.30
56-41.3953-110.4431-2-14-	0-L	8576-09/24/76-10-	19-																																2.70
56-41.3869-110.4825-2-15-	0-L	8577-09/24/76-10-	1A-																																2.30
56-41.4003-110.4522-2-97-	0-L	8578-09/24/76-11-	20-																																3.20
56-41.4356-110.3837-2-15-	0-L	8579-09/24/76-11-	20-																																2.60
56-41.4728-110.3736-2-15-	0-L	8580-09/24/76-12-	22-																																2.70
56-41.4672-110.3411-2-15-	0-L	8581-09/24/76-13-	24-																																3.00
56-41.4508-110.3383-2-15-	0-L	8582-09/24/76-13-	21-																																2.40
56-41.4425-110.3383-2-15-	0-L	8583-09/24/76-13-	21-																																3.00
56-41.4328-110.2992-2-97-	0-L	8584-09/24/76-14-	20-																																2.80
56-41.5339-110.3097-2-97-	0-L	8585-09/24/76-15-	20-																																3.00
56-41.5397-110.2783-2-15-	0-L	8586-09/24/76-15-	21-																																3.30
56-41.5139-110.2917-2-15-	0-L	8587-09/24/76-15-	21-																																2.30
56-41.4917-110.2761-2-15-	0-L	8588-09/24/76-15-	21-																																2.40
56-41.4928-110.2506-2-97-	0-L	8589-09/24/76-16-	21-																																2.70
56-41.4664-110.2803-2-15-	0-L	8590-09/24/76-16-	20-																																2.80
56-41.4339-110.2528-2-15-	0-L	8591-09/24/76-17-	19-																																2.70
56-41.4172-110.3475-2-15-	0-L	8592-09/24/76-18-	19-																																2.40
56-41.4089-110.3469-2-15-	0-L	8593-09/24/76-18-	19-																																2.70
56-41.4028-110.3458-2-15-	0-L	8594-09/24/76-18-	19-																																2.70
56-41.3894-110.3597-2-15-	0-L	8595-09/24/76-18-	18-																																2.70
56-41.3861-110.3083-2-15-	0-L	8596-09/24/76-19-	14-																																2.80
56-41.4275-110.4903-2-15-	0-L	8597-09/25/76-12-	1A-																																3.20
56-41.4597-110.4094-2-15-	0-L	8598-09/25/76-12-	1A-																																3.10
56-41.4903-110.3447-2-15-	0-L	8599-09/25/76-12-	17-																																2.60
56-41.5106-110.3456-2-15-	0-L	8600-09/25/76-13-	1A-																																2.70
56-41.5439-110.3072-2-97-	0-L	8601-09/25/76-13-	1A-																																2.30
56-41.5558-110.2700-2-15-	0-L	8602-09/25/76-13-	18-																																2.60
56-41.5722-110.3097-2-15-	0-L	8603-09/25/76-14-	1A-																																2.60
56-41.5978-110.3061-2-15-	0-L	8604-09/25/76-13-	1A-																																2.40
56-41.6294-110.2667-2-15-	0-L	8605-09/25/76-15-	17-																																3.00
56-41.6283-110.2689-2-15-	0-L	8606-09/25/76-15-	17-																																3.00
56-41.6522-110.3008-2-15-	0-L	8607-09/25/76-15-	17-																																3.30
56-41.6853-110.2842-2-15-	0-L	8608-09/25/76-16-	12-																																2.80
56-41.6847-110.2878-2-15-	0-L	8609-09/25/76-16-	15-																																2.60
56-41.7017-110.3058-2-15-	0-L	8610-09/25/76-16-	11-																																2.70
56-41.7403-110.3200-2-15-	0-L	8611-09/25/76-15-	15-																																3.10
56-41.7392-110.4478-2-15-	0-L	8612-09/25/76-19-	11-																																3.10
56-41.4886-110.4422-2-97-	0-L	8613-09/26/76-10-																																	2.60
56-41.4583-110.4342-2-15-	0-L	8614-09/26/76-11-	19-																																3.20
56-41.4728-110.4361-2-15-	0-L	8615-09/26/76-11-	20-																																3.10
56-41.4928-110.4217-2-15-	0-L	8616-09/26/76-11-	21-																																2.80
56-41.5069-110.4133-2-15-	0-L	8617-09/26/76-11-	21-																																2.60

DOE SAMPLE NUMBER					LASL SAMPLE NUMBER AND FIELD DATA																	U CONCENTRATION										
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLAMETER (cpm)	POC TYPE	ROCK COLOP	SEDIMENT TYPE	SEDIMENT COLOP	WATER FLOW	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	BELT	WEATHER	OWNERSHIP	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
							DATE	HOUR																								
56-41.5106-110.4133-2-15	0-L	8618-09/26/76-12	21												12-1-6-5-6	-1	-3-4-2-1-2	-1													2.70	
56-41.5236-110.4051-2-15	0-L	8619-09/26/76-12	22												12-1-6-5-6	-1	-3-4-2-2-2	-1													2.80	
56-41.5403-110.4569-2-15	0-L	8620-09/26/76-12	22												7-1-6-5-7	-1	-3-4-3-3-2	-1													2.70	
56-41.5469-110.4039-2-15	0-L	8621-09/26/76-13	19												18-1-4-5-4	-1	-3-4-2-1-2	-1													3.30	
56-41.5497-110.3903-2-15	0-L	8622-09/26/76-14	20												12-1-6-5-6	-1	-3-4-3-1-2	-1													2.80	
56-41.5831-110.3794-2-15	0-L	8623-09/26/76-15	25												10-1-7-5-7	-1	-3-4-2-1-2	-1													3.10	
56-41.5842-110.3644-2-15	0-L	8624-09/26/76-15	23												11-1-7-5-7	-1	-3-4-2-3-2	-1													3.40	
56-41.5639-110.4693-2-15	0-L	8625-09/26/76-16	23												12-1-7-5-7	-1	-3-4-2-1-2	-1													3.40	
56-41.5689-110.4775-2-15	0-L	8626-09/26/76-16	22												10-1-7-5-6	-1	-3-4-2-3-2	-1													3.00	
56-41.5822-110.4619-2-15	0-L	8627-09/26/76-16	20												8-1-7-5-6	-1	-3-4-3-3-2	-1													2.40	
56-41.6133-110.4617-2-97	0-L	8628-09/26/76-17	21												13-1-7-5-6	-1	-3-4-3-2-2	-1													2.40	
56-41.6744-110.4417-2-15	0-L	8629-09/26/76-18	19												13-1-7-5-4	-1	-3-4-3-6-2	-1													2.40	
56-41.6761-110.4139-2-11	0-L	8630-09/26/76-18	19	11.0								9.0	2900		11-1-7-5-6	-2	-3-4-2-3-2	-1													3.00	
56-41.7078-110.3928-2-15	0-L	8631-09/26/76-19	18												7-1-7-4-1	-1	-3-4-3-3-2	-1													2.40	
56-41.7297-110.4283-2-97	0-L	8632-09/27/76-14	17												16-1-1-5-1	-1	-3-4-3-3-2	-1													3.00	
56-41.7194-110.4258-2-11	0-L	8633-09/27/76-14	16	9.0	C							9.0	1700		0-1-1-5-7	-2-2-1	-3-4-3-3-2	-9													4.70	
56-41.7231-110.3944-2-97	0-L	8634-09/27/76-15	18												13-1-1-5-1	-1	-3-4-2-1-2	-1														

APPENDIX C-III (continued). Field Data and Uranium Concentrations for Sediment Samples-Ogden

DOE SAMPLE NUMBER						LAST SAMPLE NUMBER AND FIELD DATA																		U CONCENTRATION									
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umhos/cm)	SCINTILLOMETER (dpm)	BOX # TYPE	BOX # COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
							DATE	HOUR																									
56-41.9497-110.4172-2-12-	0-L	8669-09/24/76-18-	12-11.0-	-	6.4-	800-	9-1-7-4-6-	3-3-1-2-3-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-41.9450-110.3904-2-12-	0-L	8670-09/26/76-18-	12-12.0-	-	6.4-	810-	11-1-7-5-4-3-3-1-2-3-3-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40	
56-41.9439-110.3906-2-15-	0-L	8671-09/26/76-18-	12-	-	-	-	8-1-7-4-6-7-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-41.6481-110.9639-2-12-	0-L	8672-09/24/76-12-	18-11.0-	-	6.6-	600-	11-1-7-5-6-3-3-1-2-3-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.70	
56-41.6425-110.9639-2-15-	0-L	8673-09/24/76-12-	18-	-	-	-	17-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50	
56-41.6564-111.0092-2-15-	0-L	8674-09/24/76-12-	18-	-	-	-	16-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-41.6411-111.0339-2-15-	0-L	8675-09/24/76-12-	18-	-	-	-	11-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10	
56-41.6756-110.9411-2-15-	0-L	8676-09/24/76-13-	18-	-	-	-	8-1-7-3-7-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-41.6742-110.9450-2-11-	0-L	8677-09/24/76-13-	18-	0.0-	6.9-	500-	8-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40	
56-41.6903-110.9757-2-11-	0-L	8678-09/24/76-13-	18-	0.0-	6.9-	580-	9-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70	
56-41.6983-110.9906-2-15-	0-L	8679-09/24/76-13-	18-	-	-	-	8-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20
56-41.6911-110.9494-2-15-	0-L	8680-09/24/76-13-	18-	-	-	-	8-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.70
56-41.7028-111.0006-2-15-	0-L	8681-09/24/76-13-	18-	-	-	-	9-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
56-41.7200-110.9950-2-15-	0-L	8682-09/24/76-14-	18-	-	-	-	9-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00
56-41.7208-110.9972-2-11-	0-L	8683-09/24/76-14-	18-	0.0-	6.9-	600-	12-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
56-41.7314-110.9957-2-11-	0-L	8684-09/24/76-14-	18-	0.0-	6.9-	610-	-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30
56-41.7147-110.9200-2-15-	0-L	8685-09/24/76-14-	18-	-	-	-	16-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
56-41.7056-110.9575-2-15-	0-L	8686-09/24/76-14-	18-	-	-	-	11-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
56-41.7250-110.9461-2-15-	0-L	8687-09/24/76-15-	18-	-	-	-	12-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30
56-41.7369-110.9156-2-15-	0-L	8688-09/24/76-15-	18-	-	-	-	9-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60
56-41.7250-110.8847-2-15-	0-L	8689-09/24/76-15-	18-	-	-	-	12-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-41.7156-111.0044-2-15-	0-L	8690-09/24/76-16-	16-	-	-	-	12-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-41.7361-111.0017-2-15-	0-L	8691-09/24/76-16-	16-	-	-	-	14-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30
56-41.7933-110.2228-2-15-	0-L	8692-09/25/76-	9-16-	-	-	-	8-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
56-41.8078-110.2322-2-15-	0-L	8693-09/25/76-	9-14-	-	-	-	12-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-41.8167-110.2194-2-15-	0-L	8694-09/25/76-	9-14-	-	-	-	12-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
56-41.7956-110.1944-2-15-	0-L	8695-09/25/76-	9-14-	-	-	-	9-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-41.8294-110.1708-2-15-	0-L	8696-09/25/76-	9-14-	-	-	-	11-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
56-41.7906-110.1131-2-15-	0-L	8697-09/25/76-10-	16-	-	-	-	12-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
56-41.8022-110.1133-2-15-	0-L	8698-09/25/76-10-	16-	-	-	-	16-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20
56-41.8050-110.0836-2-15-	0-L	8699-09/25/76-10-	16-	-	-	-	12-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
56-41.7778-110.0708-2-15-	0-L	8700-09/25/76-10-	16-	-	-	-	16-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
56-41.7611-110.0447-2-15-	0-L	8701-09/25/76-10-	16-	-	-	-	16-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
56-41.7931-110.0017-2-15-	0-L	8702-09/25/76-11-	17-	-	-	-	11-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-41.8178-110.0172-2-15-	0-L	8703-09/25/76-11-	17-	-	-	-	16-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-41.8550-110.0153-2-15-	0-L	8704-09/25/76-11-	17-	-	-	-	11-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
56-41.8644-110.0631-2-15-	0-L	8705-09/25/76-11-	17-	-	-	-	16-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
56-41.8853-110.0283-2-15-	0-L	8706-09/25/76-11-	17-	-	-	-	12-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00
56-41.8867-110.0304-2-15-	0-L	8707-09/25/76-11-	17-	-	-	-	9-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-41.8906-110.0822-2-15-	0-L	8708-09/25/76-12-	17-	-	-	-	14-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30
56-41.8983-110.0578-2-15-	0-L	8709-09/25/76-12-	17-	-	-	-	12-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-41.9017-110.1100-2-15-	0-L	8710-09/25/76-12-	17-	-	-	-	16-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00
56-41.8972-110.1194-2-15-	0-L	8711-09/25/76-12-	17-	-	-	-	22-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
56-41.9219-110.0739-2-15-	0-L	8712-09/25/76-12-	17-	-	-	-	9-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
56-41.9633-110.1383-2-15-	0-L	8713-09/25/76-13-	17-	-	-	-	9-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30
56-41.9481-110.1711-2-15-	0-L	8714-09/25/76-13-	17-	-	-	-	9-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00
56-41.9425-110.1683-2-15-	0-L	8715-09/25/76-13-	17-	-	-	-	8-1-7-4-6-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
56-41.9697-110.2092-2-15-	0-L	8716-09/25/76-13-	17-																														

APPENDIX C-III (continued). Field Data and Uranium Concentrations for Sediment Samples-Ogden

DOE SAMPLE NUMBER						LAST SAMPLE NUMBER AND FIELD DATA																	U CONCENTRATION											
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho-cm)	SCINTILOMETER (cU ppm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING (DNC) UNITS IN ppm
							DATE	HOUR																										
56-41.9928-110.1750-2-15-	0-L	8720-09/25/76-14-	17-	-	-	-	-	-	-	-	-	-	-	-	14-1-7-4-6-	-1-	-2-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40		
56-41.9822-110.1422-2-15-	0-L	8721-09/25/76-14-	17-	-	-	-	-	-	-	-	-	-	-	-	14-1-7-4-6-	-1-	-2-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30		
56-41.8772-110.2072-2-15-	0-L	8722-09/25/76-14-	17-	-	-	-	-	-	-	-	-	-	-	-	14-1-7-4-6-	-1-	-2-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10		
56-41.8764-110.2019-2-15-	0-L	8723-09/25/76-14-	17-	-	-	-	-	-	-	-	-	-	-	-	14-1-7-4-6-	-1-	-2-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00		
56-41.8928-110.1714-2-97-	0-L	8724-09/25/76-15-	16-	-	-	-	-	-	-	-	-	-	-	-	14-1-7-4-6-	-1-	-2-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90		
56-41.8858-110.1717-2-15-	0-L	8725-09/25/76-15-	16-	-	-	-	-	-	-	-	-	-	-	-	17-1-7-4-6-	-1-	-2-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00		
56-41.8789-110.1772-2-15-	0-L	8726-09/25/76-15-	15-	-	-	-	-	-	-	-	-	-	-	-	11-1-7-4-6-	-1-	-2-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00		
56-41.8783-110.1528-2-15-	0-L	8727-09/25/76-15-	15-	-	-	-	-	-	-	-	-	-	-	-	11-1-7-4-6-	-1-	-2-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00		
56-41.8811-110.1306-2-15-	0-L	8728-09/25/76-15-	13-	-	-	-	-	-	-	-	-	-	-	-	14-1-7-4-6-	-1-	-2-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00		
56-41.9767-110.4728-2-12-	0-L	8729-09/25/76-16-	15-	8.0-	-	-	-	-	-	-	-	-	7.1	700-	16-1-7-5-6-3-3-1-	-2-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20		
56-41.9756-110.4733-2-11-	0-L	8730-09/25/76-16-	15-	7.0-	-	-	-	-	-	-	-	-	7.1	700-	17-1-7-5-6-3-3-1-	-3-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.00		
56-41.9503-110.4683-2-12-	0-L	8731-09/25/76-16-	15-	10.0-	-	-	-	-	-	-	-	-	7.1	720-	16-1-7-5-6-3-3-1-	-2-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50		
56-41.9483-110.4672-2-15-	0-L	8732-09/25/76-16-	15-	-	-	-	-	-	-	-	-	-	-	-	14-1-7-5-6-	-1-	-2-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.80		
56-41.9006-110.4981-2-15-	0-L	8734-09/25/76-17-	15-	-	-	-	-	-	-	-	-	-	-	-	14-1-7-4-6-	-1-	-2-3-2-2-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.30		
56-41.9778-110.4056-2-11-	0-L	8735-09/26/76-18-	12-	-	-	-	-	-	-	-	-	-	6.6	550-	16-1-7-5-6-3-3-1-	-3-3-2-2-3-																		

APPENDIX D

CODE TO DATA LISTINGS

APPENDIX D-I

Explanation of Codes Used

APPENDIX D-II

Key to Sample Types

APPENDIX D-I

EXPLANATION OF CODES USED

DOE SAMPLE NUMBER

STATE: A two-digit Federal Information Processing Standards (FIPS) code, designating the state from which each sample came. For the states being covered by the LASL, the code numbers are:

Alaska	= 02	Montana	= 30	Texas	= 48
Arizona	= 04	New Mexico	= 35	Utah	= 49
Colorado	= 08	Oklahoma	= 40	Wyoming	= 56
Idaho	= 16				

LATITUDE AND LONGITUDE: Sample location, in degrees and decimal degrees to four places. Although generally much better, locational accuracy cannot be guaranteed closer than about 300 m (1000 ft).

DOE LAB: A Department of Energy (DOE) one-digit identifier designating the DOE laboratory responsible for taking the samples and data shown in the listings, as well as providing the analyses of the uranium and other elemental concentrations, if any. The LASL is designated by the numeral 2.

SAMPLE TYPE: A two-digit identifier which specifically designates the pertinent properties defining the sample type to which the listed data relate. For explanation of the code used, refer to the attached "Numerical Key and Specifications for Sample Types Taken by the LASL" Appendix Item D-II.

REPLICATE: A three-digit sequential number assigned to indicate a multiple sample of a single sample type from a single location. The largest number in use indicates the most recent sample taken, and there will always be smaller sequential numbers representing earlier samples back to 000, which is the initial sample from any given location. Except in the case of special studies, there will be no replicate samples and this entry will therefore be 000.

LASL SAMPLE NUMBER AND FIELD DATA

LASL SAMPLE NUMBER: A unique six-place alphanumeric designator permanently assigned by the LASL to every location sampled. For internal use, these numbers are assigned in blocks to the various areas individually treated and reported upon, and therefore serve to generally locate the samples within various areas for which the LASL is responsible as follows.

<u>Location Numbers</u>	<u>State</u>
N00 001 through N99 999	= Principally New Mexico
C00 001 through C99 999	= Principally Colorado
W00 001 through W99 999	= Principally Wyoming
M00 001 through M99 999	= Principally Montana
A00 001 and above	= Alaska only
L00 001 and above	= Areas beyond the western boundary of LASL's region as established by DOE in 1977.
Ø00 001 and above	= Areas beyond the eastern boundary of LASL's region as established by DOE in 1977.

TIME SAMPLED: The DATE that the sample was taken, in terms of the number of the MONTH, followed by the DAY and finally the YEAR, separated by slashes, and then the TIME it was taken on that date to the nearest whole HOUR on a 24-hour clock.

AIR TEMPERATURE: The temperature that was measured in the shade at the time of sampling, to the nearest whole degree Celsius ($^{\circ}\text{C}$).

WATER TEMPERATURE: The temperature that was measured in the sample water (in situ whenever possible) at the time of sampling, to the nearest one-tenth of a degree Celsius (0.1°C).

COMMENTS: A "C" in this column indicates that some secondary comment not included in the listing was recorded at the sample location. This information will be used by the LASL in evaluating the data, and if appropriate, it will be mentioned in the final report.

SPECIAL MEASUREMENTS: An "S" in this column indicates that one or more field measurements in addition to those listed were made at the sample location. A description of any special parameters measured and the measured value at each sample location will be included in the final HSSR survey report on the area.

pH: The pH, to the nearest one-tenth (0.1) of a pH unit, that was measured in the water at the sample location at the time of sampling.

SPECIFIC CONDUCTANCE: The conductivity, in $\mu\text{mho/cm}$, that was measured in the water at the sample location at the time of sampling.

SCINTILLOMETER: The equivalent uranium (eU), in parts per million (ppm), as measured on a flat ground surface within 10 m of the sample location using a scintillometer fitted with a differential gamma sampler (DGS). The effect of the DGS is to introduce a fixed geometry into the measurement and remove the background.

ROCK TYPE: The single digit in this column provides a general description of the dominant lithologic regime at or near the sample location, as given below.

1 = Sedimentary
2 = Metamorphic

3 = Igneous
4 = Unknown

ROCK COLOR: The single digit in this column provides an indication of the observed dominant color of local bedrock exposures at or near the sample location, as given below.

1 = White/Buff
2 = Yellow
3 = Orange

4 = Pink/Red
5 = Green
6 = Brown

7 = Gray
8 = Black
9 = Other

SEDIMENT TYPE: The single digit in this column provides a subjective evaluation of the dominant sediment type at the sample location, as given below.

1 = Boulders
2 = Cobbles
3 = Gravel

4 = Sand
5 = Mud
6 = Muck

7 = Other

SEDIMENT COLOR: The single digit in this column indicates the observed dominant color of the bottom sediment (stream channel, lake bed, etc.) at the sample location at the time of sampling, as given below.

1 = White/Buff	4 = Pink/Red	7 = Gray
2 = Yellow	5 = Green	8 = Black
3 = Orange	6 = Brown	9 = Other

WATER FLOW: The single digit in this column provides a subjective evaluation of the water movement at the sample location at the time of sampling, as given below.

1 = Stagnant	3 = Moderate	5 = Torrent
2 = Slow	4 = Fast	

WATER LEVEL: The single digit in this column provides a subjective estimate of water quantity at the time of sampling, relative to its usual condition at the sample location, as given below.

1 = Dry	3 = Normal	5 Flood
2 = Low	4 = High	

WATER COLOR: The single digit in this column provides a subjective evaluation of suspended load in the sample water as, given below.

1 = Clear	3 = Cloudy	5 = Algal
2 = Murky	4 = Muddy	6 = Other

STREAM CHANNEL: The single digit here gives a subjective evaluation of stream channel character at the sample location at the time of sampling, as given below.

1 = Depositing	2 = Eroding	3 = Unknown
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VEGETATION TYPE: The single digit in this column provides a subjective evaluation of the dominant plant type in the vicinity of the sample location, as given below.

1 = Conifers	4 = Grass	7 = Other
2 = Deciduous	5 = Moss	
3 = Brush	6 = Marsh	

VEGETATION DENSITY: The single digit in this column provides a subjective estimate of the amount of plant cover in the vicinity of the sample location, as given below.

1 = Barren	3 = Moderate	5 = Very Dense
2 = Sparse	4 = Dense	

RELIEF: The single digit in this column provides a subjective evaluation of the topography within a few hundred meters of the sample location, as given below.

1 = Flat	3 = Gentle (15-60 m)	5 = High (>300 m)
2 = Low (<15 m)	4 = Moderate (60-300 m)	6 = Other

WEATHER: The single digit in this column gives the observed climatic condition at the sample location at the time of sampling, as given below.

1 = Clear	3 = Overcast	5 = Snowy
2 = Partly cloudy	4 = Rainy	6 = Other

OWNERSHIP: When shown, the single digit here gives a broad classification of administrative responsibility or general ownership of the land at the sample location, as given below.

1 = Federal	3 = Private	5 = Other
2 = State	4 = Indian	

CONTAMINANTS: The single digit here indicates known or suspected local factors likely to influence analytical results, as given below.

1 = None	4 = Industry	7 = Urban
2 = Mining	5 = Sewage	8 = Recreation
3 = Agriculture	6 = Power generation	9 = Other

WELL TYPE: If a well water sample, the single digit in this column provides a general description of the type of well from which the sample was taken as given below.

1 = Windmill-stock	4 = Suction pump	7 = Hand bail
2 = Windmill-domestic	5 = Jet pump	8 = Unknown
3 = Submersible pump	6 = Large turbine	9 = Other

WELL DIAMETER: When shown, the one or two digits in this column give the measured or estimated inside diameter, in inches, of the well casing from which the water sample came.

WELL DEPTH: When shown, the one, two, or three digits in this column give the total drilled depth from the surface, in feet, of the well from which the sample came. Three 9s in this column indicates a well depth greater than 1000 ft.

WATER DEPTH: When shown, the one, two, or three digits in this column give the known depth, in feet, from the surface to the standing water in the well. A -1 in this column indicates a flowing artesian well.

URANIUM CONCENTRATION: The value given in this column is the analytically derived value of the total uranium concentration found in the water sample in parts per billion (ppb), or in the sediment sample in parts per million (ppm). Those uranium concentrations in water that are shown with an asterisk were measured using a delayed-neutron counting (DNC) method, while those without an asterisk were determined fluorometrically. The uranium analyses as determined by both of these methods at the LASL are directly comparable, as described in Appendix A.

APPENDIX D-II

KEY TO SAMPLE TYPES

This numerical key provides the necessary tie between the specific type or form of each sample taken and each individual suite of field and laboratory data to which the sample relates. It defines the various sample types collected by the LASL in the DOE HSSR for uranium.

The two-digit key number assigned to each sample type designates three distinct properties of the samples taken. These properties are: (a) The general sample source (spring or stream or dry stream, etc.); (b) The sample medium (water or sediment, etc.); and (c) The treatment given the sample in the field or laboratory prior to its analysis by the LASL.

The key numbers are inserted in the appropriate columns of the specially formatted DOE sample numbering system to positively identify the sample type for all LASL sample data submitted.

<u>KEY NO.</u>	<u>SOURCE / MEDIUM / TREATMENT</u>
01 -	<u>Spring water</u> sample <u>untreated</u> .
02 -	<u>Stream water</u> sample <u>untreated</u> .
03 -	<u>Well water</u> sample <u>untreated</u> .
04 -	<u>Natural pond water</u> sample <u>untreated</u> .
05 -	<u>Artificial pond water</u> sample <u>untreated</u> .
06 -	<u>Spring water</u> sample <u>filtered</u> through an 0.45- μ membrane filter <u>and acidified</u> to a pH of ≤ 1 with reagent-grade nitric acid (HNO_3).
07 -	<u>Stream water</u> sample <u>filtered</u> through an 0.45- μ membrane filter <u>and acidified</u> to a pH of ≤ 1 with reagent-grade nitric acid (HNO_3).
08 -	<u>Well water</u> sample <u>filtered</u> through an 0.45- μ membrane filter <u>and acidified</u> to a pH of ≤ 1 with reagent-grade nitric acid (HNO_3).
09 -	<u>Natural pond water</u> sample <u>filtered</u> through an 0.45- μ membrane filter <u>and acidified</u> to a pH of ≤ 1 with reagent-grade nitric acid (HNO_3).
10 -	<u>Artificial pond water</u> sample <u>filtered</u> through an 0.45- μ membrane filter <u>and acidified</u> to a pH of ≤ 1 with reagent-grade nitric acid (HNO_3).

- 11 - Wet spring sediment sample dried at $\leq 100^{\circ}\text{C}$ and sieved to -100 mesh through stainless steel sieves.
- 12 - Wet stream sediment sample dried at $\leq 100^{\circ}\text{C}$ and sieved to -100 mesh through stainless steel sieves.
- 13 - Wet natural pond sediment sample dried at $\leq 100^{\circ}\text{C}$ and sieved to -100 mesh through stainless steel sieves.
- 14 - Wet artificial pond sediment sample dried at $\leq 100^{\circ}\text{C}$ and sieved to -100 mesh through stainless steel sieves.
- 15 - Dry stream sediment sample dried at $\leq 100^{\circ}\text{C}$ (if necessary) and sieved to -100 mesh through stainless steel sieves.
- 96 - Dry natural pond sediment sample dried at $\leq 100^{\circ}\text{C}$ (if necessary) and sieved to -100 mesh through stainless steel sieves.
- 97 - Dry artificial pond sediment sample dried at $\leq 100^{\circ}\text{C}$ (if necessary) and sieved to -100 mesh through stainless steel sieves.
- 98 - Other water These key numbers are to be used only for water (98) or sediment (99) samples coming from a special source and/or given a special treatment not described for any of the types of samples above. When used in the listings published herein, the source and treatment given the samples so designated are described in the text.
- 99 - Other sediment

42°00' 111°00' 45'

45'

30'

NTMS QUADRANGLE

2

PLATE III-B

LEGEND

WELL WATER	SPRING WATER	ARTIFICIAL POND WATER	SURFACE STREAM WATER	TOTAL URANIUM (ppb)
•	•	▽	◻	≤ 2.00
○	◊	▽	◻	2.01 - 2.50
○	◊	▽	◻	2.51 - 3.00
○	◊	▽	◻	3.01 - 3.50
○	◊	▽	◻	3.51 - 4.00
⊗	◊	▽	◻	4.01 - 10.00
⊗	◊	▽	◻	10.01 - 20.00
⊗	◊	▽	◻	> 20.00

15'

41°00'

111°00'

NTMS QUADRANGLE BOUNDARY

45'

30'

SCALE 1:250

TOTAL URANIUM
(ppb)

≤ 2.00

2.01 - 2.50

2.51 - 3.00

3.01 - 3.50

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URANIUM CONCENTRATION
OVERLAY TO THE WYOMING
OGDEN NTMS QUADRANGLE

SCALE 1:250 000

0 10 15 20 25 MILES

0 5 10 15 20 25 KILOMETERS

CENTRATIONS (ppb) IN WATERS
THE WYOMING PORTION OF THE
QUADRANGLE, UTAH; WYOMING

43°00' 111°00'

45'

IDAHO
WYOMING

30'

1

45'

30'

NTMS QUADRANGLE BOUNDARY

2

PLATE II-B

15'

42°00'

111°00'

LEGEND

WELL WATER	SPRING WATER	ARTIFICIAL POND WATER	NATURAL LAKE OR POND WATER	SURFACE STREAM WATER	TOTAL URANIUM (ppb)
•	◊	▼	▲	◻	≤ 0.50
○	◊	▼	▲	◻	0.51 - 1.00
○	◊	▼	▲	◻	1.01 - 2.00
○	◊	▼	▲	◻	2.01 - 3.00
○	◊	▼	▲	◻	3.01 - 4.00
○	◊	▼	▲	◻	4.01 - 5.00
○	◊	▼	▲	◻	5.01 - 10.00
○	◊	▼	▲	◻	> 10.00

U
O
PR

TOTAL URANIUM
(ppb)

≤ 0.50

0.51 - 1.00

1.01 - 2.00

2.01 - 3.00

2

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SCALE 1:250,000

URANIUM CONCENTRATIONS
OVERLAY TO THE WYOMING
PRESTON NTMS QUADRANGLE

CONCENTRATIONS (ppb) IN WATERS
WYOMING PORTION OF THE
TETON NATIONAL MONUMENT, IDAHO; WYOMING

44°00' 111°00'

NTMS QUADRANGLE BOUNDARY

45'

IDAHO
WYOMING

30'

1

45'

30'

NTMS QUADRANGLE BOUNDARY

2

PLATE I-B

1

LEGEND

WELL WATER	SPRING WATER	ARTIFICIAL POND WATER	NATURAL LAKE OR POND WATER	SURFACE STREAM WATER	TOTAL URANIUM (ppb)
•	•	▼	▲	◻	≤ 1.00
○	◇	▽	△	□	1.01 - 2.00
○	◇	▽	△	□	2.01 - 2.50
○	◇	▽	△	□	2.51 - 3.00
○	◇	▽	△	□	3.01 - 3.50
○	◇	▽	△	□	3.51 - 4.00
○	◇	▽	△	□	4.01 - 4.50
○	◇	▽	△	□	> 4.50

URANIUM
OVERLAY
DRIGGS

NTMS QUADRANGLE BOUNDARY

SCALE 1: 250 000

TOTAL URANIUM
(ppb)

2

≤ 1.00

1.01 - 2.00

2.01 - 2.50

2.51 - 3.00

URANIUM CONCENTRATIONS OVERLAY TO THE WYOMING DRIGGS NTMS QUADRANGLE,

BOUNDARY

SCALE 1: 250 000

5 10 15 20 25 MILES

5 10 15 20 25 KILOMETERS

CONCENTRATIONS (ppb) IN WATERS
THE WYOMING PORTION OF THE
QUADRANGLE, WYOMING; IDAHO

3

PLATE III-A

ATION OVERLAY FOR
PORTION OF THE
RANGLE, UTAH; WYOMING

2

WYOMING			
112°	110°	108°	106°
40°	BOZEMAN NL 12-8	BILLINGS NL 12-9	HARDIN NL 13-7
41°	ASHTON NL 12-11	CODY NL 12-12	SHERIDAN NL 13-10
42°	DRIGGS NK 12-2	THERMOPOLIS NK 12-3	ARMINTO NK 13-1
43°	PRESTON NK 12-5	LANDER NK 12-6	CASPER NK 13-4
44°	OGDEN NK 12-8	ROCK SPRINGS NK 12-9	RAWLINS NK 13-7
45°	SALT LAKE CITY NK 12-11	VERNAL NK 12-12	CRAIG NK 13-10
46°			GREELEY NK 13-11

PLATE I-A

NOTE THAT THE LOCATION NUMBERS SHOWN ARE THOSE LISTED IN APPENDIX B-I AND APPENDIX C-I, BUT WITH THE INITIAL L AND FIRST DIGIT DROPPED.

SAMPLE LOCATION WYOMING PORT DRIGGS NTMS QUADRANG

1

PLATE II-A

NOTE THAT THE LOCATION NUMBERS SHOWN ARE THOSE LISTED IN APPENDIX B-II AND APPENDIX C-II, BUT WITH L1 AND ANY SUBSEQUENT LEADING ZEROS DROPPED.

SAMPLE LOCATION WYOMING PORT PRESTON NTMS QUADRANGLE

44°00'

111°00'

45°

30'

NTMS QUADRANGLE BOUNDARY

45°

IDAHO
WYOMING

30°

1

PLATE I-C

30'

15'

110°00'
44°00'

45'

30'

NTMS
QUADRANGLE
BOUNDARY

2

LEGEND

DRY STREAM SEDIMENT	WET SPRING SEDIMENT	WET ARTIFICIAL POND SEDIMENT	WET NATURAL LAKE OR POND SEDIMENT	WET STREAM SEDIMENT	TOTAL URANIUM (ppm)
■	◊	▼	▲	□	≤ 2.00
⊠	◊	▼	▲	□	2.01 - 3.00
⊠	◊	▼	▲	□	3.01 - 4.00
⊠	◊	▼	▲	□	4.01 - 5.00
⊠	◊	▼	▲	□	5.01 - 10.00
⊠	◊	▼	▲	□	10.01 - 20.00
⊠	◊	▼	▲	□	20.01 - 30.00
⊠	◊	▼	▲	□	> 30.00

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CONCENTRATIONS (ppm) IN SEDIMENTS
AND THE WYOMING PORTION OF THE
SNAKE RIVER QUADRANGLE, WYOMING; IDAHO

43°00' 111°00'

45'

NTMS QUADRANGLE

45'

IDAHO
WYOMING

30'

1

PLATE II-C

30'

15'

110°00'
43°00'

BOUNDARY

45'

NTMS
QUADRANGLE
BOUNDARY

30'

2

15'

42°00'

111°00'

LEGEND

DRY ARTIFICIAL POND SEDIMENT	DRY STREAM SEDIMENT	WET SPRING SEDIMENT	WET ARTIFICIAL POND SEDIMENT	WET NATURAL LAKE OR POND SEDIMENT	WET STREAM SEDIMENT	TOTAL URANIUM (ppm)
•	■	◊	▼	▲	◻	≤ 3.50
⊙	⊠	◊	▼	△	◻	3.51 - 4.00
⊕	⊠	◊	▼	△	◻	4.01 - 4.50
⊕	⊠	◊	▼	△	◻	4.51 - 5.00
⊕	⊠	◊	▼	△	◻	5.01 - 6.00
⊕	⊠	◊	▼	△	◻	6.01 - 7.00
⊕	⊠	◊	▼	△	◻	7.01 - 8.00
⊕	⊠	◊	▼	△	◻	> 8.00

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NTMS QUADRANGLE BOUNDARY

45'

30'

SCALE 1: 250 000

URANIUM CONCENTRATIONS (ppm) IN
OVERLAY TO THE WYOMING PORTION
PRESTON NTMS QUADRANGLE, IDAHO

URANIUM

1.50

1.00

0.50

0.00

0.00

0.00

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CONCENTRATIONS (ppm) IN SEDIMENTS
THE WYOMING PORTION OF THE
QUADRANGLE, IDAHO; WYOMING

3

42°00'

111°00'

45

45'

30'

UTAH
WYOMING

45'

30'

NTMS QUADRANGLE BOUNDARY

2

PLATE III-C

1

LEGEND

DRY ARTIFICIAL POND SEDIMENT	DRY STREAM SEDIMENT	WET SPRING SEDIMENT	WET ARTIFICIAL POND SEDIMENT	WET STREAM SEDIMENT	TOTAL URANIUM (ppm)
•	■	◊	▼	◻	≤ 3.00
⊕	⊠	◊	▼	◻	3.01 - 3.50
⊕	⊠	◊	▼	◻	3.51 - 4.00
⊕	⊠	◊	▼	◻	4.01 - 4.50
⊕	⊠	◊	▼	◻	4.51 - 5.00
⊕	⊠	◊	▼	◻	5.01 - 6.00
⊕	⊠	◊	▼	◻	6.01 - 8.00
⊕	⊠	◊	▼	◻	> 8.00

URAN
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URANIUM CONCENTRATIONS (ppm) IN SE
OVERLAY TO THE WYOMING PORTION
OGDEN NTMS QUADRANGLE, UTAH; WYO

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of the University of California

2

SCALE 1:250 000

10 15 20 25 MILES

10 15 20 25 KILOMETERS

ATIONS (ppm) IN SEDIMENTS
WYOMING PORTION OF THE
DRANGLE, UTAH; WYOMING