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**Uranium Hydrogeochemical and Stream Sediment
Reconnaissance Data Release for the
New Mexico Portions of the Douglas, Silver City,
Clifton, and Saint Johns
NTMS Quadrangles, New Mexico/Arizona**

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URANIUM HYDROGEOCHEMICAL AND STREAM SEDIMENT RECONNAISSANCE
DATA RELEASE FOR THE NEW MEXICO PORTIONS OF THE DOUGLAS, SILVER CITY,
CLIFTON, AND SAINT JOHNS NTMS QUADRANGLES, NEW MEXICO/ARIZONA

by

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SUMMARY

This report describes work done in the Douglas, Silver City, Clifton, and Saint Johns, New Mexico/Arizona, 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.

In 1976 three private contractors, under contract to the LASL, collected water and stream sediment samples in New Mexico from the Mexico border north to Interstate 40 (north of 35°N latitude) and from 107°30' W longitude west to the New Mexico/Arizona state line. The sampling was done from south to north from January to July 1976 at a nominal density of one sample location per 10 km². This report presents only the data from these sampling programs for the locations west of 108°W longitude--the New Mexico portions of the Douglas, Silver City, Clifton, and Saint Johns NTMS quadrangles (Fig. 1). The numbers of water samples and sediment samples, respectively, collected in each quadrangle were: Douglas, 181 and 237; Silver City, 474 and 755; Clifton, 469 and 913; and Saint Johns, 437 and 672.

The standard field and analytical procedures used in this uranium reconnaissance are given in Appendix A and described in more detail in a report by Sharp (1977). Listings of the field and uranium data for the water samples from the New Mexico portions of the four NTMS quadrangles are given in Appendixes B-I through E-IV. Listings of the field and uranium data for the sediment samples are given in Appendixes C-I through C-IV. Keys to the water and sediment sample types as well as codes to site data are given in Appendix D.

Fig. 1. Index map showing locations of areas in New Mexico for which uranium HSSR data are presented.

Plates I, II, III, and IV are sample location overlays showing the LASL sample numbers (minus the L and any leading zeros) given in Appendixes B and C; Plates I-A, II-A, III-A, and IV-A are uranium concentration overlays for waters; and Plates I-B, II-B, III-B, and IV-B are uranium concentration overlays for sediments, all from the New Mexico portions of the Douglas, Silver City, Clifton, and Saint Johns quadrangles, numerically in that order. Note that the intervals used on the uranium overlays were chosen to accommodate the full range of concentrations occurring within the report area. Consequently, they are not everywhere the best intervals for delineating locally anomalous sample clusters (of sediments, particularly).

All computer-produced overlays (Cheadle, 1977) are at a 1:250 000 scale so they can be used with the NTMS topographic maps and appropriately scaled geologic maps. Histograms and tabulated statistical summaries for uranium concentrations in the water and sediment samples in the four areas are shown in Figs. 2 through 5 and Tables I through IV, respectively. It should be noted that in the histograms and tables for the water data the minimum uranium concentrations of 0.1 parts per billion (ppb) were assigned arbitrarily to samples having uranium concentrations below the detectable limit (0.2 ppb). Additional analytical information is available in Appendix A and in reports by Balestrini et al (1976), Sharp and Morris (1976), Sharp et al (1976), Aamodt et al (1977), Hues et al (1977), Morris (1977), and Nunes and Weaver (1978).

Because this is simply a data release (intended to make the data available to the DOE and the public as quickly as possible), only a very short discussion of the region, local uranium occurrences, and HSSR data is included. More detailed reconnaissance reports, covering each of these NTMS quadrangles in its entirety, will be prepared by another DOE laboratory and released at a later date. However, a selected bibliography has been included to aid those wishing to do their own evaluations of these data.

The southern portion of the report area lies within the Mexican Highlands section of the Basin and Range province and the northern portion within the Colorado Plateaus province. Elevations throughout the area range from a minimum of 1125 m on the Gila River at the New Mexico/Arizona state line to a maximum of 3321 m at Whitewater Baldy in the Mogollon Mountains. The major towns in the report area are Silver City and Lordsburg, with smaller communities being scattered throughout.

The climate is classified by the National Oceanic and Atmospheric Administration (1976) as Southern Desert in the southern half of the area and Southwestern Mountain and Northwestern Plateau in the northern half of the area. Rainfall is topographically controlled and varies from less than 20 cm per year in the flat, desert areas to greater than 40 cm per year in the mountainous areas. Most of the area lies west of the continental divide and is drained by the Gila, San Francisco, and Zuni Rivers (all tributaries of the Colorado River). Some drainage is into closed basins--the Animas Valley, Playas Valley, Mimbres Valley, or the San Augustin Plains.

The central part of the area for which data are reported is noted for its Tertiary-age base- and precious-metal deposits, particularly those of copper, lead, zinc, gold, and silver. Uranium occurrences have been reported in the base-metal veins that occur in the Precambrian rocks of the Burro Mountains and in pegmatites associated with these Precambrian rocks; those in the Black Hawk, White Signal, and Burro Mountains districts are the most notable. Near the north end of the report area, uranium has been produced from the Baca and uppermost Mesaverde formations in the Red Basin district, just east of the Saint Johns quadrangle. Currently, these units are the object of active exploration within the Saint Johns quadrangle itself.

Fig. 2. Histograms for uranium in samples collected in the New Mexico portion of the Douglas NTMS quadrangle.

a. ALL WATERS

b. ALL SEDIMENTS

Fig. 3. Histograms for uranium in samples collected in the New Mexico portion of the Silver City NTMS quadrangle.

Fig. 4. Histograms for uranium in samples collected in the New Mexico portion of the Clifton NTMS quadrangle.

a. ALL WATERS

b. ALL SEDIMENTS

Fig. 5. Histograms for uranium in samples collected in the New Mexico portion of the Saint Johns NTMS quadrangle.

TABLE I

**STATISTICAL SUMMARY OF URANIUM CONCENTRATIONS IN WATER AND SEDIMENT SAMPLES
COLLECTED IN THE NEW MEXICO PORTION OF THE DOUGLAS NTMS QUADRANGLE**

A. WATER					
<u>Sample Type</u>	<u>Number of Samples</u>	<u>Mean Uranium Concentration (ppb)</u>	<u>Standard Deviation</u>	<u>Range of Uranium Concentration (ppb)</u>	
				<u>Max</u>	<u>Min</u>
All Waters	181	3.85	6.30	44.50	0.10
Spring	7	3.82	0.97	2.90	0.10
Stream	7	0.43	0.30	0.82	0.10
Well	124	4.73	6.93	44.50	0.10
Artificial Pond	43	2.38	4.55	18.90	0.10

B. SEDIMENT					
<u>Sample Type</u>	<u>Number of Samples</u>	<u>Mean Uranium Concentration (ppm)</u>	<u>Standard Deviation</u>	<u>Range of Uranium Concentration (ppm)</u>	
				<u>Max</u>	<u>Min</u>
All Sediments	237	4.08	3.63	54.10	1.30
Spring	5	11.48	20.90	54.10	1.80
Wet Stream	7	5.29	1.19	6.70	3.70
Dry Stream	170	4.01	1.74	16.60	1.30
Wet Artificial Pond	33	3.64	0.97	4.30	2.00
Dry Artificial Pond	21	2.82	0.53	3.80	2.00

TABLE II

**STATISTICAL SUMMARY OF URANIUM CONCENTRATIONS IN WATER AND SEDIMENT SAMPLES
COLLECTED IN THE NEW MEXICO PORTION OF THE SILVER CITY NTMS QUADRANGLE**

A. WATER					
<u>Sample Type</u>	<u>Number of Samples</u>	<u>Mean Uranium Concentration (ppb)</u>	<u>Standard Deviation</u>	<u>Range of Uranium Concentration (ppb)</u>	
				<u>Max</u>	<u>Min</u>
All Waters	474	9.27	30.13	569.20	0.10
Spring	21	8.77	15.82	64.70	0.10
Stream	51	2.33	2.65	14.90	0.10
Well	345	10.55	32.77	569.20	0.10
Artificial Pond	57	7.94	31.14	174.70	0.10

B. SEDIMENT					
<u>Sample Type</u>	<u>Number of Samples</u>	<u>Mean Uranium Concentration (ppm)</u>	<u>Standard Deviation</u>	<u>Range of Uranium Concentration (ppm)</u>	
				<u>Max</u>	<u>Min</u>
All Sediments	755	6.23	6.33	73.30	1.20
Spring	19	9.00	9.91	40.80	1.20
Wet Stream	44	5.76	5.23	20.60	1.50
Dry Stream	583	6.64	6.69	73.30	1.70
Wet Natural Pond	5	(Too few for statistical analysis)			
Wet Artificial Pond	48	3.95	1.86	12.20	2.30
Dry Artificial Pond	56	3.54	1.61	9.40	1.90

TABLE III

**STATISTICAL SUMMARY OF URANIUM CONCENTRATIONS IN WATER AND SEDIMENT SAMPLES
COLLECTED IN THE NEW MEXICO PORTION OF THE CLIFTON NTMS QUADRANGLE**

A. WATER					
<u>Sample Type</u>	<u>Number of Samples</u>	<u>Mean Uranium Concentration (ppb)</u>	<u>Standard Deviation</u>	<u>Range of Uranium Concentration (ppb)</u>	
				<u>Max</u>	<u>Min</u>
All Waters	469	1.48	3.40	36.40	0.10
Spring	54	0.94	1.08	5.63	0.10
Stream	248	0.86	1.63	20.20	0.10
Well	131	3.03	5.69	30.40	0.10
Artificial Pond	28	0.75	1.19	6.00	0.10
Natural Pond	8	1.36	0.84	2.65	0.19

B. SEDIMENTS					
<u>Sample Type</u>	<u>Number of Samples</u>	<u>Mean Uranium Concentration (ppm)</u>	<u>Standard Deviation</u>	<u>Range of Uranium Concentration (ppm)</u>	
				<u>Max</u>	<u>Min</u>
All Sediments	913	3.30	1.53	17.40	0.60
Spring	52	3.59	2.71	17.40	0.70
Wet Stream	216	3.33	1.55	9.50	0.70
Dry Stream	606	3.23	1.38	10.20	3.60
Wet Natural Pond	9	4.78	1.63	7.40	2.10
Wet Artificial Pond	22	3.83	1.30	5.70	1.70
Dry Artificial Pond	8	3.39	0.47	4.20	2.90

TABLE IV

**STATISTICAL SUMMARY OF URANIUM CONCENTRATIONS IN WATER AND SEDIMENT SAMPLES
COLLECTED IN THE NEW MEXICO PORTION OF THE SAINT JOHNS NTMS QUADRANGLE**

A. WATER					
<u>Sample Type</u>	<u>Number of Samples</u>	<u>Mean Uranium Concentration (ppb)</u>	<u>Standard Deviation</u>	<u>Range of Uranium Concentration (ppb)</u>	
				<u>Max</u>	<u>Min</u>
All Waters	437	9.13	39.32	682.60	0.10
Spring	32	5.85	11.70	46.70	0.10
Stream	3	(Too few for statistical analysis)			
Well	364	10.10	42.70	682.60	0.10
Artificial Pond	36	3.20	12.11	72.60	12.11
Natural Pond	2	(Too few for statistical analysis)			

B. SEDIMENT					
<u>Sample Type</u>	<u>Number of Samples</u>	<u>Mean Uranium Concentration (ppm)</u>	<u>Standard Deviation</u>	<u>Range of Uranium Concentration (ppm)</u>	
				<u>Max</u>	<u>Min</u>
All Sediments	672	2.52	0.98	19.80	0.90
Spring	27	2.61	0.93	5.30	1.40
Wet Natural Pond	11	2.44	0.87	4.00	0.90
Wet Artificial Pond	29	3.12	0.82	4.90	1.70
Dry Stream	446	2.52	1.11	19.80	0.90
Dry Natural Pond	88	2.45	0.43	3.90	1.20
Dry Artificial Pond	67	2.34	0.62	4.00	1.20
Wet Stream	4	(Too few for statistical analysis)			

Isolated uranium occurrences are reported in sedimentary and acidic volcanic rocks elsewhere in the area.

Examination of the uranium data for both waters and sediments shows that there are uranium concentrations significant in both magnitude and areal extent in the Silver City and Saint Johns NTMS quadrangles. In the Silver City quadrangle, the notably high uranium concentrations in water and sediment are associated with the Precambrian outcrops in the Burro Mountains and adjacent Tertiary sedimentary areas (Plates II-A and II-B). Over 20 water samples from wells in the southern part of the New Mexico portion of the Saint Johns quadrangle exhibit uranium concentrations in excess of 20 ppb (Plate IV-A). Within the main cluster, centered near Pietown, are all of the five water samples containing more than 100 ppb uranium, including the one with the highest uranium concentration found in the entire report area (682.6 ppb). These wells penetrate the basal, sedimentary section of the Datil formation and the underlying Baca and uppermost Mesaverde formations, drawing from aquifers within these units. This could indicate a high potential for economic mineralization in the lower Datil, Baca, and uppermost Mesaverde formations in this area. Ground water samples containing more than 20 ppb uranium define two other clusters; both are associated with exposures of the Chinle formation in the western part of the New Mexico portion of the Saint Johns quadrangle. These could indicate uranium mineralization within the Chinle formation. Sediments containing high uranium concentrations (relative to the mean for sediments within the east half of the Saint Johns quadrangle) are found in stream drainages centered at 34°33' N latitude, 108°37' W longitude, and at 34°55' N latitude, 108°30' W longitude. Both of these last two locations are in areas exhibiting exposures of the Mesaverde formation.

The portions of the Douglas and Clifton quadrangles for which data are reported have only a few isolated locations providing water samples with notably high uranium values relative to the local mean, and their significance is not known. In the eastern half of the Clifton quadrangle, relatively high concentrations of uranium in sediment appear associated with rhyolitic rocks exposed in the vicinity of Granite Peak.

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APPENDIX A

SUMMARY OF STANDARD LASL HSSR FIELD AND ANALYTICAL PROCEDURES

APPENDIX A

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 8% 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 (using a calibration factor obtained from testing of the specific scintillometer on a calibration block) 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. Since these observations are subjective and are sometimes made in haste when in the field, they should be held subordinate to any formally documented information such as that provided by published topographic or geologic maps, etc.

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. The verification, then, is carried out in the same manner.

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 platinum dishes. The 25-ml water vial is shaken vigorously and two 0.20-ml aliquots of water are withdrawn and dropped onto the 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 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. When a lower concentration is found in an aliquot, it is arbitrarily averaged into the data listings as 0.1 ppb. Therefore, 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 ~30%; however, it improves to ~10% one order of magnitude above the lower limit.

Water Samples Analyzed for Uranium by Delayed-Neutron Counting (DNC)

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 parts per million (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

Listings of Field Data and Uranium Concentrations for Water Samples
from the New Mexico Portion of the Douglas NTMS Quadrangle

(See Appendix D for code to listings)

APPENDIX B-I Field Data and Uranium Concentrations for Water Samples—Douglas

[illegible]

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

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 (°F)	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLATION (cpm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	BLUFF	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																											
35-J1.4175-108.5547-00	0-L	091-01/31/76-18	11-22.0	-	7.1	240	13-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.10		
35-J1.3533-108.5297-00	0-L	093-01/31/76-18	6-6.0	-	7.1	240	13-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20	
35-J1.3794-108.5828-00	0-L	094-02/01/76-9	2-7.0	-	6.9	270	15-3-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
35-J1.3808-108.6297-00	0-L	095-02/01/76-9	11-8.0	-	7.0	240	11-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20	
35-J1.3386-108.6425-00	0-L	098-02/01/76-9	12-5.0	-	7.1	210	20-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15	
35-J1.4278-108.6842-00	0-L	104-02/01/76-12	16-18.0	-	7.2	500	18-3-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.24	
35-J1.4031-108.6856-00	0-L	105-02/01/76-13	16-18.0	-	7.0	260	11-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24	
35-J1.4097-108.7197-00	0-L	115-02/01/76-15	16-19.0	-	7.3	380	17-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
35-J1.3989-108.7142-00	0-L	116-02/01/76-16	18-19.0	-	7.4	435	10-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.38	
35-J1.3061-108.6672-00	0-L	120-02/01/76-16	15-10.0	-	7.1	340	17-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.04	
35-J1.5008-108.5478-00	0-L	122-02/01/76-15	12-18.0	-	7.1	190	11-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
35-J1.5147-108.5333-00	0-L	123-02/01/76-17	12-11.0	-	7.1	250	6-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
35-J1.5219-108.5083-00	0-L	124-02/01/76-18	10-19.0	-	7.2	270	10-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.70	
35-J1.5536-108.5153-00	0-L	129-02/02/76-11	20-22.0	-	7.1	340	13-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.74	
35-J1.4433-108.5297-00	0-L	130-02/02/76-11	20-19.0	-	7.2	460	20-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.43	
35-J1.4422-108.5006-00	0-L	131-02/02/76-11	20-11.0	-	7.4	500	6-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50	
35-J1.3469-108.5536-00	0-L	132-02/02/76-12	18-23.0	-	7.4	370	11-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.54	
35-J1.3486-108.5097-00	0-L	133-02/02/76-12	18-12.0	-	7.4	500	10-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.46	
35-J1.3469-108.4464-00	0-L	135-02/02/76-13	20-10.0	-	7.6	500	11-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.67	
35-J1.3419-108.4306-00	0-L	139-02/02/76-13	20-10.0	-	7.3	700	17-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.40	
35-J1.3736-108.3547-00	0-L	141-02/02/76-14	22-13.0	-	7.3	450	15-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.83	
35-J1.3703-108.3050-00	0-L	143-02/02/76-15	24-12.0	-	7.4	280	10-3-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.44	
35-J1.3739-108.2744-00	0-L	146-02/02/76-15	22-12.0	-	7.6	875	13-3-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
35-J1.4361-108.2781-00	0-L	150-02/02/76-16	21-13.0	-	7.4	575	8-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.18	
35-J1.4744-108.3114-00	0-L	154-02/02/76-17	17-14.0	-	7.4	1900	10-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.18	
35-J1.4025-108.9311-00	0-L	161-02/01/76-15	15-11.0	-	6.2	180	23-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.64	
35-J1.4361-108.8183-00	0-L	165-02/01/76-16	11-9.0	-	6.3	350	18-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.74	
35-J1.7922-108.8364-00	0-L	166-02/02/76-9	9-18.0	-	6.0	170	15-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25	
35-J1.7608-108.8861-00	0-L	167-02/02/76-4	9-5.0	-	5.8	100	15-3-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.70	
35-J1.8025-108.8939-00	0-L	170-02/02/76-12	12-9.0	-	6.2	130	12-3-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
35-J1.8297-108.7650-00	0-L	172-02/02/76-12	18-18.0	-	6.4	280	9-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.80	
35-J1.8431-108.8361-00	0-L	173-02/02/76-12	18-9.0	-	6.8	370	21-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.61
35-J1.9111-108.8514-00	0-L	174-02/02/76-13	18-8.0	-	6.8	430	13-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.71	
35-J1.9039-108.7689-00	0-L	175-02/02/76-14	20-15.0	-	7.1	450	15-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.40	
35-J1.9153-108.8250-00	0-L	176-02/02/76-14	20-7.0	-	6.5	750	12-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00	
35-J1.9450-108.8306-00	0-L	177-02/02/76-14	20-13.0	-	7.1	500	9-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.60	
35-J1.9142-108.3592-00	0-L	179-02/04/76-9	7-8.0	-	6.8	500	9-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.52	
35-J1.9125-108.4692-00	0-L	180-02/05/76-9	8-8.0	-	6.8	1000	12-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.76	
35-J1.9269-108.4672-00	0-L	181-02/05/76-10	10-19.0	-	6.8	2000	9-3-7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.22	
35-J1.9066-108.3183-00	0-L	182-02/05/76-11	11-21.0	-	6.8	700	9-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.20	
35-J1.8733-108.2758-00	0-L	183-02/05/76-12	12-11.0	-	7.1	800	15-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.30	
35-J1.8639-108.2672-00	0-L	185-02/05/76-13	12-10.0	-	7.1	600	18-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.40	
35-J1.8267-108.8596-00	0-L	189-02/11/76-9	9-13.0	-	6.5	240	18-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.03	
35-J1.8236-108.9042-00	0-L	190-02/11/76-9	9-10.0	-	6.5	150	15-1-6																												

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

APPENDIX D-1 (continued): Field Data and Analysis																																			
STATE	LATITUDE	LONGITUDE	DOI LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	pH	SPECIFIC CONDUCTANCE (microhm/cm)	* THERMISTOR (ohm power)	BOCK TYPE	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	WIGFAM TYPE	VEGETATION DENSITY	BEHET	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	ANALYZED BY	WATER SAMPLES	U CONCENTRATION		
							DATE	HOUR																											
33	31.4253	108.0200	7-08		0-1	207-02/20/76-11	12-10	15	9-23.0-C	7.2	500	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	
33	31.4253	108.0112	7-08		0-1	209-02/21/76-12	13-16	10	13-16.0-C	7.2	500	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6
33	31.4739	108.0872	7-08		0-1	216-02/23/76-14	10-10	14	10-10.0-C	7.6	500	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6
33	31.4902	108.0861	7-10		0-1	218-02/20/76-15	12-10	15	12-10.0-C	8.0	280	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6
33	31.4208	108.9419	7-10		0-1	220-02/17/76-17	15-15	10	15-15.0-C	6.5	315	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6
33	31.5108	109.0361	7-07		0-1	222-02/18/76-9	12-7	10	12-7.0-C	5.3	180	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6
33	31.5150	109.0603	7-07		0-1	223-02/18/76-10	15-9	7	15-9.7-C	5.2	130	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6
33	31.5139	108.9944	7-07		0-1	224-02/18/76-11	11-10	7	11-10.7-C	5.2	130	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6	11-1-6-6-6
33	31.5456	108.9744	7-08		0-1	225-02/18/76-11	20-14	8	20-14.8-C	5.6	135	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6	20-1-6-6-6
33	31.4258	108.9244	7-08		0-1	228-02/18/76-13	21-13	10	21-13.0-C	6.8	270	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6	21-1-6-6-6
33	31.4233	108.9083	7-10		0-1	231-02/18/76-15	19-15	10	19-15.0-C	6.8	195	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6
33	31.4237	108.9022	7-10		0-1	232-02/18/76-16	16-9	7	16-9.7-C	5.7	190	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6
33	31.4786	108.8694	7-10		0-1	233-02/18/76-17	15-9	7	15-9.0-C	6.2	190	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6
33	31.5458	108.8706	7-08		0-1	234-02/18/76-17	15-15	10	15-15.0-C	6.2	230	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6
33	31.5458	108.8706	7-08		0-1	235-02/19/76-15	12-10	10	12-10.0-C	6.5	280	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6
33	31.3942	108.9367	7-10		0-1	237-02/11/76-16	19-11	10	19-11.0-C	6.5	280	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6	19-1-6-6-6
33	31.4117	108.9156	7-10		0-1	240-02/11/76-14	15-11	10	15-11.0-C	6.5	175	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6
33	31.4687	108.8139	7-10		0-1	241-02/11/76-15	18-12	10	18-12.0-C	6.5	165	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6
33	31.4667	108.8431	7-10		0-1	244-02/13/76-12	17-24	8	17-24.8-C	7.5	250	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6	17-1-6-6-6
33	31.4667	108.8431	7-10		0-1	245-02/13/76-13	16-12	10	16-12.0-C	5.9	40	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6	16-1-6-6-6
33	31.4764	108.8550	7-10		0-1	246-02/14/76-8	8-13	0	8-13.0-C	6.5	430	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	
33	31.4755	108.3919	7-08		0-1	246-02/14/76-8	8-13	0	8-13.0-C	6.4	340	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	8-1-6-6-6	
33	31.4755	108.3919	7-08		0-1	250-02/14/76-10	12-15	10	12-15.0-C	6.4	350	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6	12-1-6-6-6
33	31.4755	108.3919	7-08		0-1	252-02/14/76-10	18-17	10	18-17.0-C	6.3	500	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6	18-1-6-6-6
33	31.4755	108.3919	7-08		0-1	253-02/14/76-10	15-12	10	15-12.0-C	6.9	350	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	15-1-6-6-6	1								

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

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)	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 DEPTH (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DNC (+) UNITS IN ppb
							DATE	HOUR																										
35-J1.8144-108.2528-7-08-	0-L	313-03/16/76-14-	27-20.5-	-	6.5-	900-	7-3-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.400	
35-J1.9789-108.5994-7-08-	0-L	316-03/16/76-16-	20-20.0-C-	-	6.8-	1230-	4-1-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.800
35-J1.9492-108.6511-7-08-	0-L	317-03/16/76-17-	18-14.0-	-	6.7-	800-	12-1-6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40.400
35-J1.9306-108.4131-7-10-	0-L	319-03/14/76-13-	23-15.3-	-	7.0-	282-	-1-4-5-7-1-2-3-1-3-3-2-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
35-J1.9006-108.4125-7-08-	0-L	321-03/15/76-15-	22-21.0-	-	6.8-	1300-	-3-7-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.42
35-J1.8589-108.4272-7-06-	0-L	323-03/15/76-16-	21-15.5-	-	7.2-	600-	-1-7-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.80
35-J1.8697-108.4472-7-08-	0-L	325-03/15/76-16-	20-18.0-	-	7.2-	600-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00
35-J1.7667-108.3835-7-08-	0-L	326-03/16/76-8-	15-11.1-	-	7.2-	820-	-1-4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.17
35-J1.7750-108.4597-7-08-	0-L	331-03/16/76-10-	15-10.0-	-	7.2-	666-	-3-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.300
35-J1.7753-108.4981-7-08-	0-L	334-03/16/76-12-	18-20.5-	-	8.2-	580-	-4-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.42
35-J1.8058-108.4633-7-08-	0-L	337-03/16/76-15-	16-21.8-	-	7.6-	700-	-3-8-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.84
35-J1.8344-108.4883-7-06-	0-L	343-03/16/76-15-	22-15.0-C-	-	7.0-	2000-	-3-1-5-1-2-3-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42
35-J1.8636-108.4728-7-08-	0-L	347-03/16/76-18-	20-19.3-	-	7.0-	810-	-1-7-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.57
35-J1.8600-108.4617-7-08-	0-L	348-03/16/76-17-	20-15.0-	-	7.8-	700-	-1-7-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40
35-J1.8822-108.4772-7-08-	0-L	350-03/16/76-18-	17-15.0-	-	8.4-	880-	-3-4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40
35-J1.8497-108.1867-7-08-	0-L	352-02/17/76-10-	14-4.0-C-	-	7.3-	450-	11-1-6-4-6-1-2-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.400
35-J1.8133-108.1300-7-10-	0-L	353-02/17/76-15-	16-11.5-C-	-	7.8-	490-	4-1-6-4-6-1-3-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.400
35-J1.7869-108.1711-7-10-	0-L	354-02/17/76-16-	15-11.0-C-	-	6.8-	240-	9-1-6-4-6-1-2-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.40
35-J1.8139-108.1556-7-10-	0-L	355-02/17/76-17-	14-10.5-C-	-	7.6-	500-	4-1-6-4-6-1-3-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.700
35-J1.8506-108.2122-7-10-	0-L	357-02/18/76-9-	13-5.2-C-	-	6.8-	250-	16-1-6-5-6-1-2-4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.50
35-J1.8417-108.2269-7-10-	0-L	361-02/18/76-12-	15-8.0-C-	-	7.3-	440-	13-1-6-3-6-3-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.400
35-J1.8017-108.1589-7-10-	0-L	362-02/18/76-13-	19-11.8-C-	-	7.8-	435-	9-1-6-4-6-3-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.100
35-J1.8569-108.1039-7-08-	0-L	366-02/18/76-16-	17-10.1-C-	-	6.8-	430-	7-1-6-3-6-3-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30
35-J1.8883-108.0581-7-10-	0-L	369-02/18/76-18-	14-12.0-	-	7.6-	310-	15-1-6-5-6-1-2-5-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30
35-J1.8378-108.0775-7-10-	0-L	371-02/19/76-8-	10-6.5-	-	6.7-	180-	7-1-6-5-6-2-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
35-J1.7494-108.0853-7-10-	0-L	373-02/19/76-10-	14-10.5-C-	-	7.5-	500-	6-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.33
35-J1.7406-108.0714-7-10-	0-L	375-02/19/76-11-	17-12.5-	-	7.2-	335-	10-1-6-5-6-1-2-4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.60
35-J1.8864-108.2317-7-10-	0-L	378-02/19/76-11-	22-17.0-	-	8.2-	250-	13-1-6-4-6-1-2-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
35-J1.4203-108.2231-7-10-	0-L	380-02/19/76-16-	21-11.0-	-	8.6-	200-	4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.45
35-J1.8097-108.0075-7-10-	0-L	384-02/20/76-7-	6-7.0-C-	-	8.5-	525-	12-1-6-3-6-1-4-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.20
35-J1.4561-108.1847-7-10-	0-L	386-02/20/76-10-	10-7.5-C-	-	8.4-	550-	9-1-6-2-6-1-2-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.47

APPENDIX B-II

**Listings of Field Data and Uranium Concentrations for Water Samples
from the New Mexico Portion of the Silver City NTMS Quadrangle**

(See Appendix D for code to listings)

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

DOE SAMPLE NUMBER										LASI SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION													
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICAT	LASI SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umhos/cm)	SCINTILLATION (cpm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	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)	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DMC (%)	UNITS IN ppb
							DATE	HOUR																									
35-32	5419-108	3903-2-08	0-L			2001-01/10/76	14	14-17	0-C	7.1	420		7-1-6			7-1-6															0.46		
35-32	6125-108	1308-2-10	0-L			2002-01/14/76	10	15	1.5-C	6.5	140		9-1-6			9-1-6																0.49	
35-32	5803-108	1742-2-08	0-L			2003-01/14/76	10	13	17-2-C	6.1	330		7-1-6			7-1-6																0.53	
35-32	5867-108	1250-2-08	0-L			2004-01/14/76	12	17	17-0-C	6.7	330		10-1-6			10-1-6																3.01	
35-32	5822-108	2197-2-08	0-L			2005-01/14/76	13	15	20-5-C	6.7	300		13-1-6			13-1-6																1.52	
35-32	5667-108	2347-2-08	0-L			2006-01/14/76	13	14	A-0-C	6.8	310		13-1-6			13-1-6																1.44	
35-32	5703-108	2967-2-10	0-L			2009-01/14/76	15	16	A-2-C	7.3	113		20-1-6			20-1-6																2.46	
35-32	5711-108	2966-2-08	0-L			2010-01/14/76	15	14		8.5	250		11-1-6			11-1-6																3.42	
35-32	5894-108	3944-2-07	0-L			2014-01/14/76	17	2	7-0	7.2	400		12-1-6			12-1-6																0.47	
35-32	5961-108	3603-2-08	0-L			2015-01/14/76	18	3	A-0	7.5	90		14-1-6			14-1-6																1.03	
35-32	6264-108	1703-2-08	0-L			2016-01/15/76	14	18	4-7-C	6.9	425		7-1-6			7-1-6																1.03	
35-32	6356-108	1705-2-08	0-L			2017-01/15/76	15	17	17-A-0	6.8	405		14-1-6			14-1-6																	0.93
35-32	6397-108	2086-2-08	0-L			2019-01/15/76	15	19	18-A-0	6.8	420		4-1-6			4-1-6																	6.30
35-32	6869-108	2322-2-08	0-L			2021-01/15/76	16	17	5-0	7.5	390		15-1-6			15-1-6																	3.08
35-32	2833-108	4282-2-08	0-L			2027-01/23/76	9	9	9-0-C	6.6	550		15-1-6			15-1-6																	5.29
35-32	2836-108	5167-2-08	0-L			2028-01/23/76	11	12	9-0-C	6.3	310		15-1-6			15-1-6																	0.66
35-32	2236-108	5167-2-08	0-L			2029-01/23/76	12	14	14-A-0-C	6.8	420		18-1-6			18-1-6																	2.80
35-32	6044-108	3511-2-08	0-L			2030-01/17/76	13	19	15-0-C	6.4	165		21-1-6			21-1-6																	0.70
35-32	5967-108	3386-2-08	0-L			2033-01/17/76	15	15	14-0-C	6.7	365		25-1-6			25-1-6																	3.13
35-32	5917-108	3606-2-08	0-L			2041-01/19/76	13	18		7.1	500		15-1-6			15-1-6																	2.46
35-32	5900-108	4719-2-01	0-L			2045-01/23/76	11	12	9-0-C	6.1	890		12-1-6			12-1-6																	4.47
35-32	1594-108	6056-2-10	0-L			2048-01/23/76	14	12	12-0	6.3	225		12-1-6			12-1-6																	2.08
35-32	6056-108	3544-2-01	0-L			2052-01/17/76	12	11	A-0	6.6	390		12-1-6			12-1-6																	3.97
35-32	6242-108	3503-2-08	0-L			2054-01/17/76	13	12	A-0-C	7.5	380		17-1-6			17-1-6																	0.52
35-32	6092-108	3456-2-01	0-L			2055-01/17/76	13	13	11-0	7.5	400		17-1-6			17-1-6																	2.4
35-32	7300-108	5914-2-08	0-L			2065-01/18/76	13	19	11-0-C	6.6	345		17-1-6			17-1-6																	3.15
35-32	6047-108	1281-2-08	0-L			2067-01/18/76	14	20	7-0-C	7.4	270		10-1-6			10-1-6																	7.21
35-32	6019-108	7354-2-08	0-L			2068-01/18/76	14	22	12-0-C	6.7	380		17-1-6			17-1-6																	64.10
35-32	6381-108	7444-2-10	0-L			2069-01/18/76	14	21	17-0	7.2	255		17-1-6			17-1-6																	30.50
35-32	6464-108	7294-2-08	0-L			2070-01/18/76	15	24	11-0-C	6.8	420		17-1-6			17-1-6																	11.70
35-32	5300-108	6893-2-10	0-L			2072-01/18/76	15	22	11-0	7.8	220		13-1-6			13-1-6																	4.99
35-32	6233-108	4256-2-08	0-L			2074-01/18/76	15	20	13-0-C	6.8	400		8-1-6			8-1-6																	2.48
35-32	4422-108	5542-2-06	0-L			2074-01/18/76	16	9	11-0-C	7.5	420		8-1-6			8-1-6																	21.44
35-32	4722-108	5639-2-08	0-L			2089-01/19/76	16	9	A-0-C	7.1	1325		16-1-6			16-1-6																	0.52
35-32	4722-108	5639-2-08	0-L			2091-01/19/76	16	9	8-0-C	7.1	800		9-1-6			9-1-6																	3.15
35-32	3061-108	6147-2-08	0-L			2093-01/22/76	13	15	7-0-C	7.2	600		13-1-6			13-1-6																	7.21
35-32	2311-108	5131-2-08	0-L			2095-01/22/76	15	16	10-0-C	7.0	700		15-1-6			15-1-6																	64.10
35-32	2703-108	7360-2-08	0-L			2097-01/22/76	16	15	10-0-C	7.0	520		15-1-6			15-1-6																	30.50
35-32	4072-108	3458-2-08	0-L			2100-01/24/76	12	8	A-0-C	6.6	420		15-1-6			15-1-6																	17.10
35-32	4222-108	3194-2-10	0-L			2104-01/24/76	12	4	A-0	6.3	490		18-1-6			18-1-6																	4.99
35-32	3981-108	2722-2-08	0-L			2104-01/24/76	13	3	A-0	5.7	90		12-1-6			12-1-6																	21.44
35-32	4333-108	3631-2-08	0-L			2105-01/26/76	14	4	A-0-C	6.3	270		9-1-6			9-1-6																	0.52
35-32	4617-108	3861-2-08	0-L			2107-01/26/76	15	4	A-0	6.3	470		12-1-6			12-1-6																	3.15
35-32	4639-108	4422-2-08	0-L			2108-01/26/76	16	4	A-0	6.3	345		12-1-6			12-1-6																	7.21
35-32	4800-108	4778-2-08	0-L			2113-01/27/76	9	11	0	6.5	600		6-1-6			6-1-6																	64.10
35-32	4800-108	4778-2-08	0-L			2114-01/27/76	10	3	A-0-C	5.8	150		7-1-6			7-1-6																	30.50
35-32	4364-108	4625-2-10	0-L			2115-01/27/76	11	3	A-0	6.0	150		7-1-6			7-1-6																	11.70
35-32	4447-108	4297-2-08	0-L			2116-01/27/76	11	4	14-0	6.5	350		15-1-6			15-1-6																	4.99
35-32	4578-108	4117-2-08	0-L			2119-01/27/76	12	7	14-0	6.0			15-1-6			15-1-6																	2.48
35-32	4800-108	4304-2-08	0-L			2121-01/27/76	14	7	7-0-C	6.0			15-1-6			15-1-6																	21.44

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

DOE SAMPLE NUMBER										LAB SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION									
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAB SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	SPECIFIC CONDUCTANCE (microhm-cm)	SCUM/CLOWETS	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION DENSITY	WELL TYPE	WELL DEPTH INCHES	WATER DEPTH FEET	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DDC (4)	UNITS IN PPB			
							DATE	HOUR																					
35-32-4883	108.4103	2-08	0-1	2124	-01/27/76-16	7-	-C	6.3	380	15-1-6-4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.40*			
35-32-0917	108.0108	2-08	0-1	2129	-01/28/76-12	9-11.0	-	5.6	520	21-2-6-4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.90*			
35-32-0231	109.0259	2-08	0-1	2131	-01/28/76-12	11-22.0	-	6.6	600	23-1-6-2-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.60*			
35-32-0042	109.0239	2-08	0-1	2132	-01/28/76-14	1-14.0	-C	6.0	420	15-1-4-2-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.18			
35-32-0543	108.1450	2-08	0-1	2133	-01/20/76-16	1-14.0	-	7.8	350	9-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.19			
35-32-0553	108.1450	2-08	0-1	2134	-01/20/76-16	1-14.0	-	7.8	350	11-4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.26			
35-32-0518	108.1450	2-08	0-1	2135	-01/20/76-17	10-19.0	-C	7.8	390	11-4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.17			
35-32-0508	108.1836	2-08	0-1	2136	-01/20/76-17	10-9.0	-C	7.6	390	11-4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.17			
35-32-0557	108.1836	2-08	0-1	2137	-01/20/76-18	7-4.0	-	6.0	390	24-8-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.74			
35-32-0558	108.1908	2-08	0-1	2138	-01/20/76-18	12-7.0	-C	6.6	480	11-4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.01			
35-32-0833	108.9708	2-08	0-1	2139	-01/21/76-16	11-4.0	-C	310	170	8-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.91			
35-32-0505	108.6917	2-08	0-1	2140	-01/21/76-17	11-4.0	-	9.8	170	12-1-6-5-6-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.70*			
35-32-0506	108.7319	2-10	0-1	2141	-01/21/76-18	7-9.0	-	7.4	500	16-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.90*			
35-32-0503	108.6781	2-10	0-1	2142	-01/21/76-18	7-9.0	-	7.2	470	12-1-6-5-6-2-1-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.91			
35-32-0558	108.6761	2-10	0-1	2143	-01/21/76-18	11-14.0	-	5.7	140	20-6-6-5-6-2-2-2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.90*			
35-32-1058	108.9497	2-08	0-1	2144	-01/24/76-11	11-14.0	-	7.4	770	10-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.90*			
35-32-2533	108.9033	2-08	0-1	2147	-01/24/76-14	13-20.0	-	7.2	2570	13-1-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.01			
35-32-1844	108.8439	2-08	0-1	2148	-01/24/76-14	14-20.0	-	7.5	600	16-1-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.20			
35-32-2019	108.8125	2-08	0-1	2151	-01/24/76-14	10-12.0	-C	7.3	-	16-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.15			
35-32-2178	108.8569	2-08	0-1	2152	-01/24/76-15	-9.0	-	7.2	380	-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.13			
35-32-2000	108.8933	2-08	0-1	2153	-01/24/76-15	10-17.0	-	7.4	420	-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.60*			
35-32-1942	108.8483	2-08	0-1	2154	-01/24/76-16	12-20.0	-	7.5	650	9-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.98			
35-32-1794	108.8456	2-08	0-1	2155	-01/24/76-16	11-9.0	-C	7.4	500	8-1-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.93			
35-32-1669	108.8789	2-08	0-1	2156	-01/24/76-16	14-50.0	-C	7.7	1800	24-1-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.66			
35-32-1458	108.8422	2-08	0-1	2158	-01/24/76-17	11-14.0	-	7.4	480	16-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.98			
35-32-1300	108.8425	2-08	0-1	2160	-01/24/76-17	11-14.0	-	7.5	350	16-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.93			
35-32-1300	108.8425	2-08	0-1	2161	-01/24/76-18	11-14.0	-	7.6	800	14-1-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.93			
35-32-1286	108.8061	2-08	0-1	2164	-01/24/76-20	10-9.0	-C	7.8	150	16-1-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.27			
35-32-2089	108.9381	2-08	0-1	2166	-01/25/76-12	13-9.0	-	7.2	550	12-1-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.57			
35-32-0711	108.9847	2-08	0-1	2167	-01/25/76-12	13-9.0	-	7.3	570	9-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.00*			
35-32-1203	108.9222	2-08	0-1	2168	-01/25/76-13	13-12.0	-	7.3	600	19-1-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.24			
35-32-0631	108.9172	2-08	0-1	2169	-01/25/76-13	12-20.0	-	7.6	500	12-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.07			
35-32-0458	108.9169	2-08	0-1	2170	-01/25/76-14	13-11.0	-C	7.4	470	19-1-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.13			
35-32-0048	108.9064	2-08	0-1	2171	-01/25/76-15	-20.0	-	7.2	440	14-1-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.35			
35-32-0048	108.9064	2-08	0-1	2172	-01/25/76-15	12-11.0	-C	7.3	400	14-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.90*			
35-32-0164	108.8497	2-08	0-1	2173	-01/25/76-18	13-12.0	-C	7.5	800	10-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.19			
35-32-0383	108.8931	2-08	0-1	2175	-01/25/76-15	-9.0	-	7.1	1000	16-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34.50*			
35-32-0671	108.8939	2-08	0-1	2176	-01/25/76-16	11-11.0	-C	7.1	670	12-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.60*			
35-32-0778	108.8939	2-08	0-1	2177	-01/25/76-16	13-22.0	-	7.8	650	12-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.60*			
35-32-1019	108.8617	2-08	0-1	2181	-01/26/76-12	3-7.0	-C	6.0	1300	12-1-6-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90			
35-32-1434	108.5931	2-08	0-1	2182	-01/26/76-12	6-4.0	-C	5.8	110	15-1-4-6-1-2-4-3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.99				
35-32-1434	108.5300	2-10	0-1	2183	-01/24/76-10	4-13.0	-C	5.4	780	12-1-6-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.10*			
35-32-1572	108.5931	2-08	0-1	2186	-01/24/76-11	7-10.0	-C	5.8	310	15-6-6-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.92			
35-32-1603	108.4322	2-08	0-1	2188	-01/24/76-12	7-10.0	-C	6.0	350	15-6-6-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.50			
35-32-1889	108.4717	2-08	0-1	2189	-01/24/76-12	7-20.0	-C	6.4	350	9-1-4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.44			
35-32-1661	108.4178	2-08	0-1	2190	-01/24/76-12	10-9.0	-C	5.6	500	9-1-6-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.20*			
35-32-1531	108.3725	2-08	0-1	2191	-01/24/76-13	12-9.0	-C	6.3	460	12-1-6-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.36			
35-32-2025	108.3767	2-08	0-1	2197	-01/24/76-11	10-9.0	-C	7.6	670	17-6-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.74			
35-32-0908	108.7350	2-08	0-1	2198	-01/24/76-13	13-9.0	-C	7.6	450	12-4-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.45			
35-32-0994	108.7333	2-08	0-1	2199	-01/24/76-14	12-10.0	-C	7.1	470	9-4-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.93			
35-32-0717	108.7253	2-08	0-1	2202	-01/26/76-15	12-10.0	-C	7.3	600	12-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.49			
35-32-1946	108.7569	2-08	0-1	2202	-01/26/76-15	12-10.0	-C	7.3	600	12-1-6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.49			

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

DOE SAMPLE NUMBER										LAST SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION													
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	DATE		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLOMETER (cpm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	PELLET	WEATHER	OWNSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	WATER SAMPLES ANALYZED BY FLUORIMETRY OR DDC (+) UNITS IN ppb
							TIME SAMPLED	HOUR																									
35-32-1992-108	7436-2-08	0-L	2203-01/26/76-16	14	9.0-C	7.6	500	7-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.78		
35-32-2319-108	7388-2-08	0-L	2205-01/26/76-17	11	13.0	7.4	2800	9-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64.80	
35-32-2233-108	7183-2-08	0-L	2207-01/26/76-18	10	9.0	7.1	600	9-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.80	
35-32-2144-108	6978-2-08	0-L	2208-01/26/76-18	10	9.0-C	7.2	750	9-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.87	
35-32-2389-108	9457-2-08	0-L	2212-02/02/76-16	7	16.0-C	7.9	900	15-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.20	
35-32-2486-108	7419-2-08	0-L	2213-02/02/76-13	19	9.0-C	7.1	2600	7-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.70	
35-32-3625-108	7000-2-08	0-L	2215-02/02/76-15	19	21.3-C	7.1	1450	10-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.70	
35-32-3378-108	6581-2-08	0-L	2216-02/02/76-13	19	26.0	7.1	1750	15-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.00	
35-32-3728-108	6886-2-08	0-L	2217-02/02/76-16	18	19.0	6.8	300	15-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.50	
35-32-3533-108	6739-2-08	0-L	2218-02/02/76-16	20	8.2-C	6.8	600	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61.70	
35-32-4167-108	6058-2-08	0-L	2219-02/04/76-11	12	24.0-C	7.7	490	15-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.30	
35-32-0972-108	3994-2-08	0-L	2220-02/04/76-15	12	11.0-C	6.8	700	10-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.72	
35-32-2356-108	1797-2-08	0-L	2221-02/05/76-15	13	18.0-C	6.8	260	9-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42	
35-32-1892-108	1756-2-08	0-L	2222-02/05/76-15	13	20.0-C	6.8	290	9-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42	
35-32-1986-108	1451-2-10	0-L	2223-02/05/76-16	12	10.5	6.8	260	6-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.42	
35-32-2061-108	2257-2-08	0-L	2224-02/05/76-17	12	7.5-C	6.8	450	10-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.30	
35-32-3261-108	7375-2-08	0-L	2226-02/07/76-16	19	12.0-C	6.8	1725	9-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.70	
35-32-3500-108	6933-2-10	0-L	2227-01/23/76-13	12	9.0-C	6.6	700	9-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.60	
35-32-5069-108	6772-2-08	0-L	2228-01/23/76-14	12	14.0-C	6.3	330	10-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.10	
35-32-3442-108	6331-2-08	0-L	2231-01/23/76-17	11	10.0-C	6.6	1100	21-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.30	
35-32-2656-108	7450-2-08	0-L	2232-01/24/76-8	5	8.0-C	6.9	890	10-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.04	
35-32-2856-108	7094-2-08	0-L	2235-01/24/76-10	8	8.0-C	6.6	1100	7-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.67	
35-32-2944-108	6681-2-08	0-L	2238-01/24/76-13	12	9.0-C	6.6	1100	4-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.40	
35-32-3181-108	6911-2-08	0-L	2240-01/24/76-14	10	10.0-C	6.8	1000	9-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.30	
35-32-3667-108	7775-2-08	0-L	2241-01/24/76-15	12	10.0-C	6.9	1000	7-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.30	
35-32-3225-108	6294-2-08	0-L	2244-01/24/76-17	9-	-	-	1300	10-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.50	
35-32-3800-108	6386-2-08	0-L	2246-01/25/76-7	-	8.0-C	6.3	430	12-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.67	
35-32-4008-108	6903-2-08	0-L	2248-01/25/76-9	3	8.0-C	6.3	365	12-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.63	
35-32-4819-108	7394-2-08	0-L	2250-01/25/76-10	5	9.0-C	5.9	390	10-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.67	
35-32-4133-108	7458-2-08	0-L	2251-01/25/76-11	7	23.0-C	5.9	250	9-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.01	
35-32-4334-108	7633-2-10	0-L	2252-01/25/76-11	9	12.0-C	5.9	180	6-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.81	
35-32-3350-108	6623-2-08	0-L	2253-02/16/76-12	15	34.0	7.4	600	17-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.80	
35-32-3892-108	7125-2-08	0-L	2254-01/25/76-13	10	11.0-C	5.9	400	10-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.60	
35-32-5725-108	5136-2-08	0-L	2257-01/31/76-8	8	9.0	5.7	465	18-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.70	
35-32-5686-108	5317-2-08	0-L	2262-01/31/76-9	9	7.0-C	5.9	700	10-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.20	
35-32-5653-108	5572-2-08	0-L	2263-01/31/76-10	9	11.0-C	6.3	700	9-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.80	
35-32-6003-108	5806-2-08	0-L	2264-01/31/76-10	9	10.0-C	5.9	470	10-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.40	
35-32-5544-108	5733-2-08	0-L	2265-01/31/76-11	10	10.0-C	5.9	435	10-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.80	
35-32-5128-108	5856-2-08	0-L	2270-01/31/76-14	15	8.0-C	5.9	500	17-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.55	
35-32-5225-108	5222-2-08	0-L	2272-01/31/76-15	10	11.0-C	5.9	580	11-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.43	
35-32-7269-108	0056-2-08	0-L	2276-01/22/76	16	9.2-C	5.0	580	10-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.00	
35-32-6100-108	0203-2-08	0-L	2279-01/22/76	21	15.0-C	7.5	395	10-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.39	
35-32-5728-108	0398-2-08	0-L	2280-01/22/76-15	20	10.0-C	7.5	440	8-14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.79	
35-32-5700-108	0017-2-08	0-L	2282-01/22/76-17	18	11.5-C	7.5	650	8-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.76	
35-32-6347-108	9944-2-08	0-L	2287-01/23/76-10	8	9.5-C	6.0	470	11-16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00	
35-32-6319-108	9617-2-08	0-L	2293-01/23/76-14	12	10.0-C	5.0	500	14-16	-	-	-	-	-	-	-	-	-	-	-	-	-												

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

[illegible]

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

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 (umhos/cm)	SCINTILLOMETER (nCi/ppm)	BOC ⁻ TYPE	BOLAR 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																										
35-32.0397-108.3675-2-08-	O-L	2394-02/07/75-10-	12-10.0-C-		6.8-	440-	9-1-6-4-6-	-	-	-	4-3-2-1-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.97		
35-32.0708-108.6697-2-10-	O-L	2395-02/07/75-10-	13-11.0-	-	6.9-	130-	15-1-6-4-6-1-2-2-	-	-	-	4-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
35-32.1019-108.4564-2-08-	O-L	2403-02/07/75-14-	22-14.0-C-		7.1-	1700-	12-1-6-4-6-	-	-	-	-	3-3-2-1-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.30*	
35-32.0988-108.2439-2-10-	O-L	2404-02/07/75-15-	23-20.0-	-	6.8-	200-	9-1-6-4-6-1-2-6-	-	-	-	-	3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.30	
35-32.0158-108.2692-2-08-	O-L	2409-02/08/75-10-	16-10.0-C-		7.1-	350-	9-1-6-4-6-	-	-	-	-	4-3-4-2-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.11	
35-32.0175-108.2142-2-10-	O-L	2410-02/08/75-10-	17-12.0-	-	6.8-	550-	12-1-6-4-6-1-2-4-	-	-	-	-	3-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.14	
35-32.0233-108.2144-2-08-	O-L	2411-02/08/75-10-	-12.0-	-	7.7-	500-	15-1-6-4-6-	-	-	-	-	3-3-2-2-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.23	
35-32.0458-108.2019-2-10-	O-L	2412-02/08/75-11-	17-14.0-	-	7.1-	245-	12-1-6-4-6-1-2-3-	-	-	-	-	4-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.56	
35-32.0375-108.2389-2-08-	O-L	2416-02/08/75-13-	22-13.0-	-	7.1-	500-	6-1-6-4-6-	-	-	-	-	4-3-3-2-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.78	
35-32.1247-108.1864-2-08-	O-L	2420-02/09/75-9-	14-11.0-C-		7.4-	650-	6-1-6-4-6-	-	-	-	-	4-2-1-2-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.40*	
35-32.1028-108.1567-2-10-	O-L	2421-02/09/75-9-	14-10.0-	-	7.1-	230-	9-1-6-4-6-1-2-5-	-	-	-	-	3-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
35-32.1028-108.1269-2-10-	O-L	2422-02/09/75-10-	15-13.0-	-	6.8-	260-	12-1-6-4-6-1-2-6-	-	-	-	-	3-3-2-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
35-32.1039-108.1269-2-08-	O-L	2423-02/09/75-10-	15-13.0-C-		7.7-	500-	12-1-6-4-6-	-	-	-	-	3-3-2-2-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.64	
35-32.0917-108.0922-2-08-	O-L	2424-02/09/75-11-	16-13.0-	-	7.4-	600-	9-1-6-4-6-	-	-	-	-	3-3-2-2-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.20*	
35-32.0147-108.1469-2-08-	O-L	2426-02/09/75-11-	20-12.0-C-		7.4-	1000-	13-1-6-4-6-	-	-	-	-	3-3-3-2-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.90*	
35-32.0069-108.1637-2-08-	O-L	2427-02/09/75-	20-17.0-	-	7.1-	500-	12-1-6-4-6-	-	-	-	-	3-3-3-2-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.64	
35-32.0517-108.1097-2-08-	O-L	2428-02/09/75-12-	19-15.0-C-		7.4-	800-	6-1-6-4-6-	-	-	-	-	4-2-3-2-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.70*	
35-32.0083-108.1228-2-10-	O-L	2430-02/09/75-13-	18-11.0-	-	6.5-	210-	9-1-6-4-6-1-2-4-	-	-	-	-	3-3-3-2-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
35-32.0400-108.0644-2-08-	O-L	2431-02/09/75-14-	17-24.0-	-	7.1-	410-	12-1-6-4-6-	-	-	-	-	3-3-3-2-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.77	
35-32.0822-108.0396-2-08-	O-L	2432-02/09/75-14-	19-16.0-	-	6.8-	550-	9-1-6-4-6-	-	-	-	-	3-2-2-2-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.90*	
35-32.1236-108.0206-2-08-	O-L	2435-03/10/75-10-	16-14.0-	-	7.1-	420-	16-1-6-4-6-	-	-	-	-	3-2-2-1-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.10*	
35-32.0436-108.1101-2-08-	O-L	2439-03/10/75-12-	19-11.0-C-		6.8-	320-	16-1-6-4-6-	-	-	-	-	4-3-3-3-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.23	
35-32.0047-108.0208-2-08-	O-L	2442-03/10/75-14-	18-10.0-C-		7.1-	450-	16-1-6-4-6-	-	-	-	-	3-3-3-3-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40	
35-32.1456-108.2150-2-10-	O-L	2446-03/12/75-10-	11-12.0-	-	4.6-	2800-	3-1-6-4-6-	-	-	-	-	4-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.65	
35-32.1439-108.2419-2-08-	O-L	2448-03/12/75-11-	16-18.0-	-	6.6-	500-	9-1-6-4-6-	-	-	-	-	4-2-2-1-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.89	
35-32.1675-108.2794-2-08-	O-L	2449-03/12/75-12-	16-11.0-C-		6.3-	500-	16-1-6-4-6-	-	-	-	-	4-3-2-1-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.70*	
35-32.1675-108.2989-2-08-	O-L	2450-03/12/75-12-	1-11.0-C-		7.2-	550-	12-1-6-4-6-	-	-	-	-	4-3-2-1-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.28	
35-32.1953-108.2819-2-08-	O-L	2453-03/12/75-13-	17-10.0-C-		6.9-	700-	6-1-6-4-6-	-	-	-	-	4-2-2-1-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.97	
35-32.1853-108.3000-2-08-	O-L	2454-03/12/75-13-	17-11.0-C-		7.2-	500-	9-1-6-4-6-	-	-	-	-	4-2-2-1-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.81	
35-32.1572-108.3433-2-10-	O-L	2456-03/12/75-14-	17-13.0-	-	5.6-	270-	12-1-6-4-6-	-	-	-	-	4-3-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.74	
35-32.1667-108.3554-2-08-	O-L	2457-03/12/75-14-	17-21.0-	-	5.8-	460-	9-1-6-4-6-	-	-	-	-	4-3-2-1-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.14	
35-32.2322-108.2278-2-08-	O-L	2458-03/13/75-9-	9-10.0-C-		5.6-	490-	12-1-6-4-6-	-	-	-	-	4-2-2-1-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.96	
35-32.0153-108.9164-2-08-	O-L	2477-03/21/75-12-	23-13.0-	-	6.6-	500-	22-1-6-2-6-5-3-2-	-	-	-	-	4-2-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.22	
35-32.1867-108.0097-2-08-	O-L	2488-03/15/75-13-	25-19.0-C-		5.6-	410-	9-1-6-4-6-	-	-	-	-	3-2-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.80	
35-32.2264-108.1222-2-08-	O-L	2493-03/14/75-9-	12-9.0-C-		5.6-	460-	22-1-6-4-6-1-3-2-	-	-	-	-	4-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.21	
35-32.2242-108.1094-2-08-	O-L	2494-03/15/75-10-	13-10.0-	-	6.9-	500-	16-1-6-4-6-1-4-1-	-	-	-	-	4-2-2-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.74	
35-32.1522-108.9375-2-08-	O-L	2496-03/15/75-11-	20-16.0-	-	5.6-	420-	3-1-6-4-6-4-3-1-	-	-	-	-	3-2-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.24	
35-32.1644-108.9375-2-08-	O-L	2497-03/15/75-11-	18-14.0-	-	5.6-	290-	9-1-6-4-6-2-3-1-	-	-	-	-	3-2-1-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.69	
35-32.2403-108.0059-2-08-	O-L	2498-03/15/75-14-	18-15.0-C-		5.6-	340-	19-1-6-4-6-1-3-1-	-	-	-	-	3-2-2-1-	-1-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.30*	
35-32.3242-108.1056-2-08-	O-L	2502-03/14/75-10-	19-12.0-C-		5.6-	370-	9-1-6-4-6-1-3-1-	-	-	-	-	4-2-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.71	
35-32.3475-108.0739-2-08-	O-L	2508-03/16/75-11-	23-14.0-C-		5.9-	480-	6-1-6-4-6-1-3-2-	-	-	-	-	4-2-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.97	
35-32.3744-108.0978-2-08-	O-L	2512-03/16/75-12-	23-12.0-	-	5.6-	600-	12-1-6-4-6-1-3-1-	-	-	-	-	4-2-6-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.21	
35-32.3058-108.0586-2-08-	O-L	2517-03/16/75-14-	24-17.0-C-		6.3-	420-	19-1-6-4-6-1-3-1-	-	-	-	-	4-2-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.07	
35-32.2533-108.0903-2-08-	O-L	2521-03/16/75-15-	21-15.0-C-		6.3-	370-	9-1-6-4-6-1-3-1-	-	-	-	-	4-2-1-3-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.74	
35-32.3900-108.3536-2-10-	O-L	2530-03/18/75-10-	20-12.0-	-	5.0-	230-	12-1-6-4-6-1-2-3-	-	-	-	-	4-2-6-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.81	
35-32.4219-108.3183-2-10-	O-L	2538-03/18/75-11-	24-	-	5.7-	110-	9-1-6-4-6-1-2-6-	-	-	-	-	4-3-3-1-	-1-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
35-32.4397-108.3217-2-08-	O-L	2540-03/18/75-12-	24-17.0-C-		5.6-	500-	19-1-6-4-6-2-3-1-	-	-	-	-	4-3-3-1-	-0-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.80*	

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

[illegible]

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

DOE SAMPLE NUMBER						LASL SAMPLE NUMBER AND FIELD DATA																							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 (cpm)	DOCK TYPE	DOCK COOP	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	BLUFF	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																											
35-32,1022-10A,1256-2-10-					0-L	2813-03/13/75-16-			16-15.0-	-			6.3-	360-	12-1-6-4-6-1-2-3-																			0.10	
35-32,0233-10A,3392-2-00-					0-L	2834-03/14/75-14-			23-15.0-C-	-			6.6-	600-	12-1-6-4-6-1-2-3-																			3.74	
35-32,1456-10A,0550-2-00-					0-L	2843-03/15/75-9-			13-10.0-C-	-			5.3-	390-	6-1-6-4-6-1-3-3-																			15.20*	
35-32,1378-10A,1083-2-00-					0-L	2844-03/15/75-9-			13-10.0-C-	-			6.6-	500-	12-1-6-4-6-1-3-1-																			15.20*	
35-32,1675-10A,0717-2-00-					0-L	2845-03/15/75-10-			13-20.0-C-	-			6.9-	490-	12-1-6-4-6-1-3-1-																			5.00	
35-32,1772-10A,0050-2-00-					0-L	2846-03/15/75-10-			17-10.0-C-	-			7.5-	1500-	6-1-6-2-6-1-2-2-																			13.80*	
35-32,7575-10A,3617-2-00-					0-L	2848-03/14/75-15-			19-10.0-C-	-			7.3-	440-	1-1-7-																			0.37	
35-32,7931-10A,4447-2-00-					0-L	2850-03/14/75-16-			18-15.0-C-	-			9.8-	450-	1-1-6-																			4.25	
35-32,7914-10A,4922-2-00-					0-L	2851-03/14/75-18-			20-13.0-C-	-			7.3-	-	1-1-7-																			1.82	
35-32,7800-10A,5011-2-00-					0-L	2852-03/14/75-17-			15-15.0-	-			7.4-	550-	1-1-4-																			2.32	
35-32,7403-10A,5228-2-00-					0-L	2854-03/14/75-18-			14-14.0-	-			7.6-	600-	1-1-1-																			4.3*	
35-32,7600-10A,3050-2-00-					0-L	2855-03/14/75-17-			14-13.0-C-	-			6.2-	450-	1-																			2.15	
35-32,6833-10A,5100-2-0/-					0-L	2858-03/15/75-9-			15-4.0-	-			9.4-	500-	9-3-7-4-6-2-2-1-1-																			7.75	
35-32,7528-10A,5284-2-00-					0-L	2861-03/15/75-10-			15-4.0-C-	-			7.8-	500-	18-3-7-4-6-2-2-1-																			0.78	
35-32,7478-10A,5333-2-0/-					0-L	2863-03/15/75-10-			18-13.0-	-			7.0-	600-	9-3-7-4-7-2-2-1-2-																			4.51	
35-32,7500-10A,5444-2-0/-					0-L	2864-03/15/75-11-			17-12.0-C-	-			7.2-	700-	16-3-7-4-6-1-2-2-1-																			4.05	
35-32,7242-10A,5356-2-00-					0-L	2867-03/15/75-12-			15-7.0-C-	-			7.6-	550-	9-3-7-5-6-1-2-4-																			1.80	
35-32,7242-10A,5356-2-00-					0-L	2868-03/15/75-12-			20-12.0-	-			9.1-	550-	1-7-7-																			1.35	
35-32,7103-10A,5342-2-00-					0-L	2869-03/15/75-13-			20-16.0-C-	-			8.0-	500-	5-3-7-6-5-1-2-5-																			1.06	
35-32,6981-10A,5533-2-0/-					0-L	2871-03/15/75-13-			20-13.0-	-			8.2-	500-	5-3-7-4-6-2-2-1-2-																			3.16	
35-32,7867-10A,4379-2-00-					0-L	2874-03/15/75-16-			20-13.0-C-	-			9.3-	300-	-																			2.85	
35-32,8422-10A,4964-2-00-					0-L	2875-03/15/75-14-			12-15.0-	-			8.2-	600-	14-																			3.36	
35-32,8911-10A,5186-2-0/-					0-L	2876-03/15/75-14-			12-11.0-	-			8.6-	470-	17-1-7-4-6-2-2-1-1-																			0.85	
35-32,8517-10A,5150-2-0/-					0-L	2877-03/15/75-17-			18-14.0-	-			7.8-	380-	7-1-7-4-6-2-2-5-2-																			2.30	
35-32,9033-10A,5206-2-00-					0-L	2878-03/15/75-17-			16-17.0-	-			9.1-	500-	1-1-7-																				1.71
35-32,8872-10A,5314-2-00-					0-L	2879-03/15/75-17-			18-12.0-C-	-			7.4-	300-	1-1-7-																				1.82
35-32,8979-10A,5478-2-00-					0-L	2880-03/15/75-18-			18-13.0-C-	-			7.8-	450-	1-1-7-																				1.88
35-32,9311-10A,5778-2-00-					0-L	2881-03/15/75-18-			17-14.0-	-			7.7-	350-	1-1-7-																				1.95
35-32,7333-10A,7556-2-00-					0-L	2883-03/16/75-18-			14-12.0-	-			9.2-	370-	1-1-6-																				0.38
35-32,7539-10A,3967-2-10-					0-L	2889-03/15/75-17-			15-12.0-C-	-			7.2-	850-	1-1-6-																				0.36
35-32,8536-10A,8414-2-0/-					0-L	2892-03/16/75-17-			13-12.0-	-			6.2-	500-	1-1-7-																				1.78
35-32,7131-10A,7000-2-00-					0-L	2893-03/17/75-11-			22-	-			10.9-	700-	1-1-6-																				4.86
35-32,7322-10A,7125-2-00-					0-L	2894-03/17/75-12-			19-17.0-	-			8.2-	380-	1-1-6-																				2.49
35-32,7300-10A,7992-2-00-					0-L	2902-03/17/75-15-			23-20.0-C-	-			6.8-	320-	1-1-6-																				0.19
35-32,7933-10A,8169-2-00-					0-L	2904-03/17/75-10-			21-12.0-	-			7.6-	350-	1-1-7-1-7-																				0.25
35-32,7719-10A,8389-2-00-					0-L	2906-03/17/75-11-			13-19.0-	-			7.6-	500-	1-1-7-																				0.31
35-32,7017-10A,8292-2-00-					0-L	2908-03/17/75-19-			15-15.0-	-			9.2-	700-	1-1-6-																				3.32
35-32,7047-10A,8450-2-10-					0-L	2910-03/17/75-14-			11-12.0-	-			9.8-	270-	16-1-7-4-7-1-3-4-																				1.04
35-32,7225-10A,9306-2-00-					0-L	2911-03/17/75-17-			20-17.0-C-	-			7.2-	700-	14-1-6-3-6-																				4.60
35-32,7683-10A,3267-2-00-					0-L	2914-03/16/75-7-			2-4.0-C-	-			7.8-	300-	-																				4.09
35-32,8028-10A,4775-2-00-					0-L	2915-03/16/75-7-			4-2.0-C-	-			7.8-	300-	1-1-7-																				4.85
35-32,8186-10A,4908-2-00-					0-L	2916-03/16/75-8-			4-8.0-C-	-			7.8-	300-	1-1-7-																				1.66
35-32,8494-10A,3861-2-00-					0-L	2918-03/18/75-14-			20-15.0-	-			7.0-	700-	1-1-1-																				2.18
35-32,8458-10A,4053-2-00-					0-L	2919-03/18/75-15-			18-12.0-	-			7.2-	550-	1-1-4-																				1.94
35-32,8406-10A,4392-2-00-					0-L	2922-03/18/75-16-			19-12.0-	-			6.2-	500-	13-1-7-3-6-																				3.00
35-32,9531-10A,4228-2-0/-					0-L	2927-03/19/75-11-			18-11.5-	-			8.0-</																						

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

DOE SAMPLE NUMBER										LABEL SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION													
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		DATE	HOUR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCUM/100ML	BOCK TYPE	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	VEGETATION TYPE	VEGETATION DENSITY	BELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER	WELL DEPTH /FEET	WATER DEPTH /FEET	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DMC (4) UNITS IN PPM
01	32.9269-108.3997-2-01					2939-03/19/75-18	15	9-22						8.5	570		-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	1.94
02	32.9269-108.4683-2-08					2946-03/28/75-9	12	18-2						7.2	625		-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	4.72
03	32.7694-108.4683-2-08					2946-03/28/75-9	12	18-2						7.2	625		-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	4.72
04	32.7453-108.4519-2-08					2947-03/28/75-9	11	14-0-C						7.4	590		-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	0.64
05	32.7453-108.4519-2-08					2948-03/28/75-9	11	14-0-C						7.6	720		-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	0.64
06	32.7339-108.4487-2-08					2951-03/28/75-10	13	14-4-C						7.2	650		-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	14.40
07	32.7329-108.4404-2-08					2952-03/28/75-10	13	9-9						8.2	570		-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	0.10
08	32.7092-108.4639-2-07					2954-03/28/75-11	13	10-2-C						7.6	180		-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	2.65
09	32.7111-108.4181-2-07					2955-03/28/75-11	13	10-9						7.7	343		-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	1.46
10	32.6944-108.4175-2-08					2958-03/28/75-15	13	11-0-C						9.4	310		-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	-1-4	-3-3	0.47
11	32.7086-108.3363-2-08					2959-03/28/75-15	13	11-0-C						8.1	990		-1-4	-3-3	-1-4	-3-3													

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

[illegible]

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

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	DM	PH	SPECIFIC CONDUCTANCE $\mu\text{mho/cm}$	SCOUT, DWITTER PU PLM	DOCK TYPE	DOCK COLOR	SPRINKLE TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	CRAFTSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER INCHES	WELL DEPTH FEET	WATER DEPTH FEET	WATER SAMPLES ANALYZED BY FLUOROMETRY OR DMC (s)
							DATE	HOUR																											
35-J2.7797-108.5894-2-0/-					0-L	3124-04/05/75-10-	14-	0.0-	-	-	-	-	-	6.8-	290-	4-1-7-4-7-2-2-1-1-3-3-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.04	
35-J2.7150-108.2083-2-08-					0-L	3133-04/08/75-17-	20-	-	-	-	-	-	-	9.0-	348-	-1-4- - - - -1- -4-3-3-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04
35-J2.9697-108.0054-2-08-					0-L	3136-04/09/75- 9-	20-	15.0-	-	-	-	-	-	7.1-	144-	22-3-6-3-6-2-2-1-1-1-3-3-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
35-J2.8569-108.3491-2-0/-					0-L	3140-04/10/75-13-	22-	15.1-	-	-	-	-	-	7.8-	520-	15-3-6-3-6-2-2-1-1-1-3-3-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20
35-J2.8372-108.1511-2-0/-					0-L	3146-04/11/75-10-	19-	11.2-	-	-	-	-	-	7.9-	690-	9-3-6-3-6-2-2-1-1-1-2-2-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.93
35-J2.8369-108.1447-2-0/-					0-L	3147-04/11/75-10-	19-	17.5-	-	-	-	-	-	8.4-	510-	18-3-6-3-6-2-2-1-1-4-3-2-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.06
35-J2.9172-108.0594-2-0/-					0-L	3149-04/11/75-13-	21-	14.4-	-	-	-	-	-	7.8-	170-	13-3-7-3-6-3-2-1-1-1-3-3-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
35-J2.9189-108.0847-2-0/-					0-L	3150-04/11/75-14-	19-	15.0-	-	-	-	-	-	7.5-	190-	9-3-6-3-6-3-2-1-1-1-3-3-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
35-J2.9731-108.0072-2-08-					0-L	3153-04/11/75-16-	19-	11.0-	-	-	-	-	-	7.5-	138-	-1-4- - - - -1- -1-3-3-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
35-J2.8464-108.1297-2-08-					0-L	3155-04/12/75- 9-	10-	8.0-	-	-	-	-	-	7.1-	142-	9-3-4-5-8-2-2-1-1-1-4-5-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
35-J2.9019-108.1238-2-08-					0-L	3156-04/12/75-10-	10-	5.8-	-	-	-	-	-	7.4-	128-	22-3-4-4-6-2-2-1-1-1-4-6-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04
35-J2.8917-108.1100-2-0/-					0-L	3157-04/12/75-11-	12-	7.5-	-	-	-	-	-	7.0-	120-	13-3-4-4-6-2-2-1-1-1-3-4-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.89
35-J2.8047-108.0119-2-08-					0-L	3159-04/13/75-11-	17-	18.0-	-	-	-	-	-	7.3-	710-	-3-4- - - - -1- - - - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.17
35-J2.7603-108.0106-2-08-					0-L	3160-04/14/75-17-	17-	17.4-	-	-	-	-	-	6.9-	205-	-1-4- - - - -1- -2-2-4-3-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
35-J2.7453-108.0014-2-0/-					0-L	3163-04/14/75-17-	14-	8.5-C-	-	-	-	-	-	8.1-	465-	16-3-6-3-6-3-4-1-2-2-3-4-2-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.27

APPENDIX B-III

**Listings of Field Data and Uranium Concentrations for Water Samples
from the New Mexico Portion of the Clifton NTMS Quadrangle**

(See Appendix D for code to listings)

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

[illegible]

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

[illegible]

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

[illegible]

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

[illegible]

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

APPENDIX B-III (continued)

DOE SAMPLE NUMBER	STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	MEASUREMENTS	pH	SPECIFIC CONDUCTANCE	SOLUBLE SOLIDS	WATER TYPE	WATER COLOR	SOLUBLE TSS	SOLUBLE CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR	WATER CHLOR
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APPENDIX B-III (continued). Field Data and Uranium Concentrations for Water Samples-Clifton

DOE SAMPLE NUMBER										LAST SAMPLE NUMBER AND FIELD DATA										CONCENTRATION												
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	SPECIAL MEASUREMENTS	PH	SPECIAL CONDUCTANCE (µmhos/cm)	SCINTILLATION (cpm)	ROCK TYPE	SEDIMENT TYPE	SEDIMENT COLOR	WATER TIDAL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	BELT	WEATHER	THUNDERBOLT	CONTAINMENT	WELL TYPE	WELL DEPTH (feet)	WATER DEPTH (feet)	WATER SAMPLES ANALYZED BY FLUORESCENCE OF DNC +	UNITS IN	DOE	
							DATE	HOUR																								
35-33	8228-108	8474-2-08	0-L	4687-04/25/76-10	23	1.8	9.7	300	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.61	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
35-33	8271-108	8469-2-08	0-L	4688-04/25/76-10	23	1.8	9.7	300	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.61	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	8241-108	8514-2-08	0-L	4689-04/25/76-10	23	1.9	9.6	400	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.51	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	8211-108	7903-2-08	0-L	4690-04/25/76-10	25	2.7	9.9	300	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.51	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	8311-108	7959-2-07	0-L	4691-04/25/76-11	27	2.0	9.9	300	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.51	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	7894-108	8072-06	0-L	4692-04/25/76-11	26	2.0	9.8	400	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.61	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	8361-108	8472-08	0-L	4693-04/25/76-11	26	2.0	9.4	375	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.61	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	8368-108	8400-2-08	0-L	4694-04/25/76-11	24	1.8	9.6	450	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.51	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	8286-108	8013-2-08	0-L	4695-04/25/76-11	24	1.8	9.8	275	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.51	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	7647-108	8436-2-08	0-L	4700-04/25/76-11	23	1.9	8.5	288	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.81	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	5112-108	8436-2-08	0-L	4720-04/30/76-11	14	7.9	8.5	288	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.81	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1836-108	8297-2-07	0-L	4723-04/26/76-15	24	1.0	7.0	60	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1761-108	8117-2-07	0-L	4726-04/26/76-15	22	1.5	7.0	60	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1854-108	8631-2-08	0-L	4727-04/26/76-18	14	7.0	6.8	305	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1822-108	8658-2-07	0-L	4728-04/26/76-18	14	8.5	7.2	250	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1597-108	8619-2-07	0-L	4730-04/27/76-8	14	8.5	7.1	75	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1597-108	8619-2-07	0-L	4730-04/27/76-8	14	8.5	7.1	75	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
35-33	1825-108	8396-2-08	0-L	4731-04/27/76-10	14	9.5	7.1	85	13-1-0-0-0-3-2-1-2-1-3-3-1	3-1	6	0.22	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10</					

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

[illegible]

[illegible]

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

[illegible]

APPENDIX B-IV

**Listings of Field Data and Uranium Concentrations for Water Samples
from the New Mexico Portion of the Saint Johns NTMS Quadrangle**

(See Appendix D for code to listings)

APPENDIX B-IV. Field Data and Uranium Concentrations for Water Samples-Saint Johns

[illegible]

APPENDIX B-IV (continued). Field Data and Uranium Concentrations for Water Samples-Saint Johns

[illegible]

APPENDIX B-IV (continued). Field Data and Uranium Concentrations for Water Samples-Saint Johns

[illegible]

APPENDIX B-IV (continued). Field Data and Uranium Concentrations for Water Samples-Saint Johns

[illegible]

STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIFIC CONDUCTANCE (MICROH/CM)	SOLUBLE SOLIDS (MG/L)	TOTAL SOLIDS (MG/L)	SILICA (MG/L)	IRON (MG/L)	MANGANESE (MG/L)	ZINC (MG/L)	COPPER (MG/L)	NICKEL (MG/L)	CHROMIUM (MG/L)	MOLYBDENUM (MG/L)	SODIUM (MG/L)	POTASSIUM (MG/L)	AMMONIUM (MG/L)	NITRATE (MG/L)	NITRITE (MG/L)	PHOSPHATE (MG/L)	SULFATE (MG/L)	CHLORIDE (MG/L)	FLUORIDE (MG/L)	BORON (MG/L)	Cadmium (MG/L)	Lead (MG/L)	Cobalt (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)	Iron (MG/L)	Manganese (MG/L)	Nickel (MG/L)	Copper (MG/L)	Zinc (MG/L)
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APPENDIX B-IV (continued). Field Data and Uranium Concentrations for Water Samples-Saint Johns

[illegible]

APPENDIX B-IV (continued). Field Data and Uranium Concentrations for Water Samples-Saint Johns

DOE SAMPLE NUMBER										LAST SAMPLE NUMBER AND FIELD DATA										CONCENTRATION																																																																																																																																																																																																																																																																																																																																																																								
STATE	LATITUDE	LONGITUDE	DOI LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	pH	SPECIAL CONDUCTANCE	WIND DIRECTION	WIND SPEED	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD	WAVE HEIGHT	WAVE PERIOD

APPENDIX B-IX (continued). Field Data and Uranium Concentrations for Water Samples-Saint Johns

DOE SAMPLE NUMBER										LASI SAMPLE NUMBER AND FIELD DATA																																																																																																																																																																																																																																																																																																																																																																																																																								
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASI SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	DP	SPECIFIC CONDUCTANCE (UMH/CM)	SCIN/LOWMETER (IN/DO)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)	DO (PPM)

APPENDIX C

LISTINGS OF FIELD DATA AND URANIUM CONCENTRATIONS
FOR SEDIMENT SAMPLES

APPENDIX C-I

Listings of Field Data and Uranium Concentrations for Sediment Samples
from the New Mexico Portion of the Douglas NTMS Quadrangle

(See Appendix D for code to listings)

APPENDIX C-1. Field Data and Uranium Concentrations for Sediment Samples-Douglas

[illegible]

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

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	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (umho/cm)	SCINTILLATION (cpm)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	RELIEF	WEATHER	COMPOSITION	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	SEDIMENT SAMPLES ANALYZED BY DRATED NEUTRON COUNTING (TONC)	UNITS IN ppm
35-31	4483-10A	4144-2-15				00-01/31/74-17	12									17-1-4-4-6																	2.70
35-31	3675-10A	5904-2-15				00-01/31/74-1A	50									17-1-4-4-6																	3.10
35-31	3878-10A	4174-2-15				00-02/01/74-9	11									17-1-4-4-6																	3.50
35-31	3742-10A	4297-2-15				00-02/01/74-9	12									17-1-4-4-6																	4.50
35-31	3500-10A	7042-2-15				00-02/01/74-10	12									17-1-4-4-6																	5.00
35-31	3522-10A	7042-2-15				00-02/01/74-10	12									17-1-4-4-6																	6.00
35-31	3378-10A	4004-2-15				01-02/01/74-11	12									17-1-4-4-6																	4.20
35-31	4219-10A	4754-2-15				01-02/01/74-12	14									17-1-4-4-6																	3.00
35-31	4831-10A	4854-2-14				01-02/01/74-13	14									17-1-4-4-6																	2.70
35-31	4653-10A	4954-2-15				01-02/01/74-14	14									17-1-4-4-6																	2.80
35-31	4644-10A	4974-2-15				01-02/01/74-14	14									17-1-4-4-6																	3.10
35-31	4731-10A	7200-2-15				01-02/01/74-14	17									17-1-4-4-6																	3.10
35-31	4686-10A	7192-2-15				01-02/01/74-15	20									17-1-4-4-6																	3.50
35-31	4711-10A	7172-2-15				01-02/01/74-15	21									17-1-4-4-6																	3.70
35-31	4417-10A	7172-2-15				01-02/01/74-15	21									17-1-4-4-6																	3.10
35-31	4392-10A	7162-2-15				01-02/01/74-15	20									17-1-4-4-6																	3.10
35-31	4075-10A	4094-2-15				01-02/01/74-15	20									17-1-4-4-6																	3.00
35-31	4100-10A	4042-2-15				01-02/01/74-15	20									17-1-4-4-6																	4.70
35-31	3919-10A	4424-2-15				01-02/01/74-16	17									17-1-4-4-6																	2.10
35-31	3850-10A	7081-2-15				01-02/01/74-16	14									17-1-4-4-6																	3.40
35-31	3883-10A	4804-2-15				01-02/01/74-16	17									17-1-4-4-6																	3.60
35-31	3731-10A	4794-2-15				01-02/01/74-16	15									17-1-4-4-6																	4.50
35-31	5444-10A	4000-2-15				02-02/01/74-19	18									17-1-4-4-6																	3.50
35-31	5358-10A	4804-2-15				02-02/01/74-19	18									17-1-4-4-6																	4.00
35-31	5169-10A	5892-2-13				02-02/01/74-10	17									17-1-4-4-6																	3.60
35-31	5467-10A	5504-2-15				02-02/01/74-10	18									17-1-4-4-6																	3.00
35-31	3536-10A	4784-2-15				02-02/01/74-12	18									17-1-4-4-6																	3.50
35-31	3931-10A	4497-2-07				02-02/01/74-13	20									17-1-4-4-6																	8.40
35-31	3628-10A	4374-2-15				02-02/01/74-13	20									17-1-4-4-6																	2.00
35-31	3978-10A	4331-2-07				02-02/01/74-13	20									17-1-4-4-6																	3.30
35-31	3619-10A	7454-2-15				02-02/01/74-14	22									17-1-4-4-6																	4.50
35-31	3711-10A	7183-2-15				02-02/01/74-14	24									17-1-4-4-6																	5.10
35-31	3503-10A	7234-2-11				02-02/01/74-15	24									17-1-4-4-6																	2.00
35-31	3447-10A	2614-2-15				02-02/01/74-15	24									17-1-4-4-6																	3.50
35-31	3500-10A	2494-2-15				02-02/01/74-16	22									17-1-4-4-6																	3.50
35-31	4504-10A	2194-2-15				02-02/01/74-16	22									17-1-4-4-6																	3.30
35-31	3867-10A	2524-2-07				02-02/01/74-16	20									17-1-4-4-6																	3.00
35-31	3947-10A	2474-2-15				02-02/01/74-16	21									17-1-4-4-6																	4.00
35-31	5222-10A	7054-2-15				02-02/01/74-17	20									17-1-4-4-6																	2.40
35-31	4756-10A	2854-2-15				02-02/01/74-17	20									17-1-4-4-6																	2.60
35-31	4756-10A	3164-2-07				02-02/01/74-17	17									17-1-4-4-6																	3.10
35-31	4875-10A	4531-2-15				02-02/01/74-18	17									17-1-4-4-6																	7.80
35-31	4856-10A	4084-2-15				02-02/01/74-18	14									17-1-4-4-6																	3.00
35-31	4481-10A	4244-2-15				02-02/01/74-18	15									17-1-4-4-6																	4.90
35-31	4564-10A	7054-2-15				02-02/01/74-18	14									17-1-4-4-6																	5.30
35-31	7950-10A	0254-2-15				02-02/01/74-19	15									17-1-4-4-6																	6.20
35-31	8019-10A	0274-2-15				02-02/01/74-15	15									17-1-4-4-6																	6.20
35-31	7975-10A	0147-2-15				02-02/01/74-14	14									17-1-4-4-6																	6.00
35-31	8025-10A	0154-2-15				02-02/01/74-14	14									17-1-4-4-6																	6.00
35-31	7608-10A	4844-2-14				02-02/01/74-9	9									17-1-4-4-6																	5.60

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

[illegible]

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

[illegible]

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

[illegible]

APPENDIX C-II

Listings of Field Data and Uranium Concentrations for Sediment Samples
from the New Mexico Portion of the Silver City NTMS Quadrangle

(See Appendix D for code to listings)

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

APPENDIX C-1 (Continued): FIELD DATA AND ANALYSIS																																	
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASL SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE (micro mhos/cm)	SCINTILLATION COUNT RATE	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER FLOW	WATER COLOR	STREAM CHANNEL	VEGETATION DENSITY	RELIEF	WETLANDS	CONTAMINANTS	WELL TYPE	WELL DEPTH	WATER DEPTH	U-CONCENTRATION		
							DATE	HOUR																									
33-32-4167-108	3325-2-15					0-1	2101-01/26/76	11-13	4							12-2-6-2-6																0.0	
33-32-4297-108	3214-2-15					0-1	2103-01/26/76	13-13	3							15-1-6-4-6																	3.0
33-32-4222-108	3194-2-15					0-1	2104-01/26/76	13-13	3	A-0		5.7				12-1-4-4-6																	3.0
33-32-3978-108	2728-2-15					0-1	2106-01/26/76	14-14	4							9-1-6-4-6																	9.0
33-32-4053-108	3269-2-15					0-1	2109-01/26/76	14-14	16							15-1-4-4-6																	16.50
33-32-4763-108	3033-2-15					0-1	2110-01/26/76	16-16	4							12-1-6-4-6																	15.00
33-32-4783-108	4533-2-15					0-1	2111-01/27/76	9-9								12-1-6-4-6																	4.0
33-32-4700-108	4322-2-15					0-1	2112-01/27/76	9-9								21-1-6-4-6																	7.0
33-32-4368-108	4425-2-15					0-1	2115-01/27/76	11-11	3	5.0		6.0	150			7-1-4-4-6																	16.50
33-32-4356-108	4319-2-15					0-1	2117-01/27/76	11-11	4							10-1-6-4-6																	13.10
33-32-4376-108	4333-2-15					0-1	2118-01/27/76	12-12	4							15-2-6-4-6																	12.10
33-32-4586-108	4106-2-15					0-1	2120-01/27/76	13-13	7							15-2-6-4-6																	15.20
33-32-4714-108	4181-2-15					0-1	2122-01/27/76	14-14	7							15-2-6-4-6																	7.20
33-32-4275-108	4042-2-15					0-1	2123-01/27/76	16-16	7							6-1-6-2-6																	3.20
33-32-4206-108	0222-2-15					0-1	2125-01/28/76	8-8	4							9-2-6-3-6																	2.0
33-32-1944-109	0125-2-15					0-1	2126-01/28/76	9-9	4							9-1-6-2-6																	4.0
33-32-1714-109	0222-2-15					0-1	2127-01/28/76	10-10	8							15-1-4-2-6																	6.00
33-32-1486-109	0197-2-15					0-1	2128-01/28/76	10-10	8							15-1-6-2-6																	3.0
33-32-0731-109	0133-2-15					0-1	2130-01/28/76	12-12	11							15-1-4-5-6																	4.50
33-32-5763-108	7319-2-15					0-1	2138-01/21/76	15-15	14			0.8	170			12-1-6-5-6-1-5																	5.50
33-32-5064-108	7319-2-14					0-1	2140-01/21/76	17-17	10	7.0		1.2	470			12-1-6-5-6-2-1-5																	0.80
33-32-5988-108	6761-2-14					0-1	2142-01/21/76	18-18	7	9.0		5.7	140			20-1-4-5-6-2-2-2																	3.00
33-32-1058-108	0497-2-11					0-1	2143-01/24/76	16-16	11	A-0		C-				4-1-6-4-6																	3.0
33-32-0667-108	0778-2-15					0-1	2145-01/25/76	12-12	12							14-1-4-4-6																	3.0
33-32-1844-108	0439-2-15					0-1	2146-01/24/76	13-13	12							8-1-6-4-6																	2.0
33-32-2197-108	7736-2-15					0-1	2149-01/24/76	14-14	14							16-1-6-4-6																	3.0
33-32-2336-108	8103-2-15					0-1	2150-01/24/76	14-14	11							12-1-4-4-6																	4.0
33-32-1450-108	0061-2-15					0-1	2151-01/24/76	17-17	12							14-1-6-4-6																	3.20
33-32-1339-108	9144-2-15					0-1	2159-01/24/76	16-16	11							9-1-4-4-6																	3.10
33-32-1628-108	9444-2-15					0-1	2162-01/24/76	19-19								12-1-6-4-6																	3.0
33-32-1847-108	9481-2-15					0-1	2163-01/24/76	20-20	9							12-1-6-4-6																	3.0
33-32-0908-108	0075-2-15					0-1	2178-01/25/76	17-17	12							17-1-6-4-6																	3.0
33-32-0908-108	0075-2-15					0-1	2179-01/25/76	18-18	10							12-1-6-4-6																	3.0
33-32-1328-108	7669-2-15					0-1	2180-01/25/76	18-18	9							15-1-6-4-6																	6.20
33-32-1433-108	5300-2-13					0-1	2182-01/24/76	15-15	7			5.9	110			12-1-6-4-6																	5.0
33-32-1647-108	5300-2-13					0-1	2184-01/24/76	10-10								15-1-4-4-6																	4.0
33-32-1606-108	4328-2-13					0-1	2187-01/24/76	11-11	8							15-1-4-4-6																	3.0
33-32-1600-108	4336-2-13					0-1	2187-01/24/76	11-11	7							15-1-6-4-6																	3.0
33-32-0789-108	7944-2-97					0-1	2193-01/25/76	19-19	6							6-1-6-5-6																	3.0
33-32-0644-108	8003-2-97					0-1	2194-01/24/76	13-13	4							7-1-6-4-6																	3.0
33-32-0509-108	7956-2-15					0-1	2195-01/26/76	13-13	4							9-1-4-4-6																	4.0
33-32-1261-108	7934-2-15					0-1	2196-01/26/76	14-14	4							9-1-6-5-6																	3.0
33-32-0767-108	7189-2-97					0-1	2200-01/24/76	14-14	12							12-1-6-4-6																	2.90
33-32-1733-108	7475-2-15					0-1	2201-01/26/76	15-15	14							15-1-4-5-6																	2.60
33-32-2300-104	7756-2-97					0-1	2204-01/24/76	17-17	12							9-1-4-4-6																	2.60
33-32-2211-108	7178-2-15					0-1	2206-01/24/76	18-18	10							12-1-6-4-6																	6.0
33-32-2219-108	6733-2-15					0-1	2209-01/24/76	18-18	8							12-1-6-4-6																	2.60
33-32-2259-108	9511-2-15					0-1	2210-01/24/76	19-19	8							16-1-6-4-6																	3.0
33-32-2022-108	0497-2-15					0-1	2211-01/24/76	19-19	8																								

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

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APPENDIX C-11 (continued)

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	pH	SPECIFIC CONDUCTANCE	SOLIDS/TOTALS	DOCK TYPE	DOCK COLOR	STIMULANT	SWIMMING COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	DISTANCE TO DEPTH	BRIDGE	WETLANDS	CONTAMINANTS	WILL DAMAGED	WATER HEIGHT	SEDIMENT SAMPLES	ANALYZED BY 'DELETED NUTRION' COUNTING DNC	UNITS IN PPM
							DATE	HOUR																								
35-32-0093-108.4367-2-15	0-1	2402-02/07/75-14-21	-	-	-	200-	6.8	200-	12-1-6-2-6	-	-	3-3-2-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.00	
35-32-0096-108.2889-2-15	0-1	2404-02/07/75-15-23	20.0	-	-	200-	6.8	200-	9-1-6-4-6-1-2-4	-	-	3-2-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.00	
35-32-0098-108.2784-2-15	0-1	2405-02/08/75-4-12	-	-	-	200-	6.8	200-	12-1-6-4-6-1-2-4	-	-	3-2-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.00	
35-32-0101-108.2744-2-15	0-1	2406-02/08/75-9-12	-	-	-	200-	6.8	200-	6-1-6-4-6-1-2-4	-	-	3-2-2	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.00	
35-32-0102-108.2744-2-15	0-1	2406-02/08/75-9-12	-	-	-	200-	6.8	200-	6-1-6-4-6-1-2-4	-	-	3-2-2	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.00	
35-32-0208-108.2694-2-15	0-1	2408-02/08/75-10-17	12.0	-	-	200-	6.8	200-	9-1-6-4-6-1-2-4	-	-	3-2-2	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.00	
35-32-0210-108.2694-2-15	0-1	2408-02/08/75-10-17	12.0	-	-	200-	6.8	200-	9-1-6-4-6-1-2-4	-	-	3-2-2	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.00	
35-32-0215-108.2142-2-14	0-1	2410-02/08/75-11-17	14.0	-	-	200-	6.8	200-	12-1-6-4-6-1-2-4	-	-	3-2-2	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.00	
35-32-0217-108.2142-2-14	0-1	2410-02/08/75-11-17	14.0	-	-	200-	6.8	200-	12-1-6-4-6-1-2-4	-	-	3-2-2	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	1-1	2.00	
35-32-0218-108.2019-2-15	0-1	2413-02/08/75-12-18	-	-	-	200-	6.8	200-	9-1-6-4-6-1-2-4	-	-	3-2-2	1-1	1-1	1-1	1-1	1															

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

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 (CPM)	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	DRAINAGE	CONTAMINANTS	WELL TYPE	WELL DIAMETER (inches)	AT DEPTH (feet)	WATER TEST (feet)	SEDIMENT SAMPLES ANALYZED BY DELAYED NEUTRON COUNTING DMC (ug/g in ppm)
							DATE	HOUR																										
35-32.1850-108.1061-2-15	0-L	2479-03/14/76-11	20-																															3.50
35-32.1847-108.1019-2-15	0-L	2480-03/14/76-11	20-																															4.40
35-32.1853-108.0989-2-15	0-L	2481-03/15/76-11	20-																															4.70
35-32.1847-108.0933-2-15	0-L	2482-03/15/76-11	20-																															3.70
35-32.1853-108.0908-2-15	0-L	2483-03/15/76-11	20-																															3.40
35-32.1811-108.1072-2-15	0-L	2484-03/15/76-12	20-																															3.60
35-32.1836-108.1131-2-15	0-L	2485-03/15/76-12	20-																															4.10
35-32.1517-108.0222-2-97	0-L	2486-03/15/76-12	20-																															2.40
35-32.2103-108.0972-2-15	0-L	2489-03/15/76-15	20-																															2.80
35-32.2075-108.0933-2-15	0-L	2490-03/15/76-15	20-																															3.40
35-32.2044-108.0903-2-15	0-L	2491-03/15/76-15	20-																															3.30
35-32.2031-108.0867-2-15	0-L	2492-03/15/76-15	20-																															3.60
35-32.2189-108.1092-2-15	0-L	2495-03/15/76-10	15-																															4.10
35-32.2914-108.0886-2-97	0-L	2499-03/14/76-9	20-																															2.60
35-32.3014-108.0925-2-15	0-L	2500-03/14/76-10	20-																															4.00
35-32.3044-108.0925-2-15	0-L	2501-03/14/76-10	20-																															3.20
35-32.3242-108.1108-2-15	0-L	2503-03/14/76-10	19-																															4.70
35-32.3172-108.0889-2-97	0-L	2504-03/15/76-10	19-																															3.00
35-32.3103-108.0889-2-97	0-L	2505-03/15/76-10	19-																															3.40
35-32.3253-108.0764-2-15	0-L	2506-03/14/75-11	20-																															3.60
35-32.3344-108.0772-2-15	0-L	2507-03/14/75-11	20-																															3.40
35-32.3475-108.0725-2-97	0-L	2509-03/14/76-11	20-																															2.60
35-32.3611-108.0894-2-15	0-L	2510-03/14/76-11	20-																															2.30
35-32.3708-108.0936-2-15	0-L	2511-03/14/76-11	20-																															3.20
35-32.3603-108.1194-2-15	0-L	2513-03/14/76-12	20-																															3.40
35-32.3603-108.1211-2-15	0-L	2514-03/14/76-13	20-																															3.40
35-32.3542-108.1242-2-15	0-L	2515-03/14/76-13	20-																															2.60
35-32.3122-108.0593-2-97	0-L	2516-03/14/76-14	20-																															4.70
35-32.2758-108.0003-2-97	0-L	2519-03/14/76-15	20-																															3.40
35-32.3028-108.3997-2-15	0-L	2520-03/14/76-15	20-																															4.10
35-32.3047-108.4069-2-15	0-L	2522-03/14/76-8	15-																															19.30
35-32.3083-108.4175-2-15	0-L	2523-03/14/76-8	15-																															4.70
35-32.3128-108.4264-2-15	0-L	2525-03/14/76-8	15-																															16.80
35-32.3544-108.4100-2-15	0-L	2526-03/14/76-8	19-																															12.60
35-32.3650-108.4333-2-15	0-L	2527-03/14/76-9	19-																															6.00
35-32.3778-108.3489-2-15	0-L	2528-03/14/76-9	19-																															4.30
35-32.3792-108.3661-2-15	0-L	2529-03/14/76-9	19-																															10.70
35-32.3900-108.3536-2-15	0-L	2530-03/14/76-10	20-12.0																															3.40
35-32.3956-108.3556-2-15	0-L	2531-03/14/76-10	20-																															3.45
35-32.4008-108.3503-2-15	0-L	2532-03/14/76-10	20-																															6.10
35-32.4050-108.3436-2-15	0-L	2533-03/14/76-10	20-																															6.10
35-32.4092-108.3375-2-15	0-L	2534-03/14/76-10	20-																															3.80
35-32.4092-108.3294-2-15	0-L	2535-03/14/76-11	20-																															4.10
35-32.4169-108.3308-2-15	0-L	2536-03/14/76-11	20-																															3.80
35-32.4192-108.3242-2-15	0-L	2537-03/14/76-11	20-																															3.80
35-32.4369-108.3200-2-15	0-L	2539-03/14/76-11	20-																															4.40
35-32.4472-108.3147-2-15	0-L	2541-03/14/76-12	20-																															4.40
35-32.4550-108.3153-2-15	0-L	2542-03/14/76-12	20-																															10.40
35-32.4625-108.3150-2-15	0-L	2543-03/14/76-12	20-																															10.40
35-32.4742-108.3789-2-15	0-L	2544-03/14/76-13	20-																															0.85

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

[illegible]

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

DOE SAMPLE NUMBER										LAST SAMPLE NUMBER AND FIELD DATA										U CONCENTRATION											
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICAT	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	CLOUDS	SPECIFIC CONDUCTANCE	SOLIDS	DOX TYPE	DOX COLO	SEDIMENT TYPE	SEDIMENT COLO	WATER FLOW	WATER TUB	WATER COLO	VEGETATION TYPE	VEGETATION DENSITY	WATER	CONTAMINANTS	WELL TYPE	WELL DEPTH	WELL OPEN	ANALYZED BY	DOE NUMBER	U CONCENTRATION	
							DATE	TIME																							
33-32-5800-108.314-2-15	0-1	2627-03/17/75	9-16	0-1	2627-03/17/75	9-16	2627-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
33-32-5800-108.314-2-15	0-1	2628-03/17/75	9-16	0-1	2628-03/17/75	9-16	2628-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2629-03/17/75	9-16	0-1	2629-03/17/75	9-16	2629-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2630-03/17/75	9-16	0-1	2630-03/17/75	9-16	2630-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2631-03/17/75	9-16	0-1	2631-03/17/75	9-16	2631-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2632-03/17/75	9-16	0-1	2632-03/17/75	9-16	2632-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2633-03/17/75	9-16	0-1	2633-03/17/75	9-16	2633-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2634-03/17/75	9-16	0-1	2634-03/17/75	9-16	2634-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2635-03/17/75	9-16	0-1	2635-03/17/75	9-16	2635-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2636-03/17/75	9-16	0-1	2636-03/17/75	9-16	2636-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2637-03/17/75	9-16	0-1	2637-03/17/75	9-16	2637-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2638-03/17/75	9-16	0-1	2638-03/17/75	9-16	2638-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2639-03/17/75	9-16	0-1	2639-03/17/75	9-16	2639-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2640-03/17/75	9-16	0-1	2640-03/17/75	9-16	2640-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2641-03/17/75	9-16	0-1	2641-03/17/75	9-16	2641-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2642-03/17/75	9-16	0-1	2642-03/17/75	9-16	2642-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2643-03/17/75	9-16	0-1	2643-03/17/75	9-16	2643-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2644-03/17/75	9-16	0-1	2644-03/17/75	9-16	2644-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2645-03/17/75	9-16	0-1	2645-03/17/75	9-16	2645-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2646-03/17/75	9-16	0-1	2646-03/17/75	9-16	2646-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2647-03/17/75	9-16	0-1	2647-03/17/75	9-16	2647-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2648-03/17/75	9-16	0-1	2648-03/17/75	9-16	2648-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2649-03/17/75	9-16	0-1	2649-03/17/75	9-16	2649-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2650-03/17/75	9-16	0-1	2650-03/17/75	9-16	2650-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2651-03/17/75	9-16	0-1	2651-03/17/75	9-16	2651-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2652-03/17/75	9-16	0-1	2652-03/17/75	9-16	2652-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2653-03/17/75	9-16	0-1	2653-03/17/75	9-16	2653-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2654-03/17/75	9-16	0-1	2654-03/17/75	9-16	2654-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2655-03/17/75	9-16	0-1	2655-03/17/75	9-16	2655-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2656-03/17/75	9-16	0-1	2656-03/17/75	9-16	2656-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2657-03/17/75	9-16	0-1	2657-03/17/75	9-16	2657-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2658-03/17/75	9-16	0-1	2658-03/17/75	9-16	2658-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2659-03/17/75	9-16	0-1	2659-03/17/75	9-16	2659-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2660-03/17/75	9-16	0-1	2660-03/17/75	9-16	2660-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2661-03/17/75	9-16	0-1	2661-03/17/75	9-16	2661-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2662-03/17/75	9-16	0-1	2662-03/17/75	9-16	2662-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2663-03/17/75	9-16	0-1	2663-03/17/75	9-16	2663-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2664-03/17/75	9-16	0-1	2664-03/17/75	9-16	2664-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2665-03/17/75	9-16	0-1	2665-03/17/75	9-16	2665-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2666-03/17/75	9-16	0-1	2666-03/17/75	9-16	2666-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
33-32-5800-108.314-2-15	0-1	2667-03/17/75	9-16	0-1	2667-03/17/75	9-16	2667-03/17/75	9-16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16		

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

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)	SOLIDS (mg/L)	DOE TYPE	SEDIMENT TYPE	SEDIMENT COLOR	SEDIMENT CLOUD	WATER FLOW	WATER LEVEL	WATER COLOR	SPECIAL CLEANING	VEGETATION TYPE	VEGETATION DENSITY	WETLANDS	CONTAMINANTS	WATER TYPE	WATER QUALITY	WATER DEPTH	ANALYZED BY	DOE NUMBER	UNITS	DOE	
							DATE	HR:PM																											
35-32-5078-108, 4422-2-15	7-0	2684-03/19/76-13-22														12-1-6-6-6																		12.00	
35-32-5028-108, 4422-2-15	0-1	2685-03/19/76-13-22														15-1-6-6-6																		1.00	
35-32-5028-108, 4422-2-15	0-1	2685-03/19/76-13-22														9-1-6-6-6																		11.00	
35-32-5028-108, 4422-2-15	0-1	2685-03/19/76-13-22														15-1-6-6-6																		16.00	
35-32-5028-108, 4422-2-15	0-1	2687-03/19/76-14-23														12-1-6-6-6																		9.00	
35-32-5028-108, 4422-2-15	0-1	2688-03/19/76-14-23														12-1-6-6-6																		16.00	
35-32-5028-108, 4422-2-15	0-1	2688-03/19/76-14-23														18-1-4-2-6																		16.00	
35-32-5028-108, 4422-2-15	0-1	2690-03/19/76-14-23														13-1-5-4-6																		11.00	
35-32-5028-108, 4422-2-15	0-1	2691-03/19/76-15-22														12-1-6-6-6																		9.00	
35-32-5028-108, 4422-2-15	0-1	2692-03/19/76-15-22														15-1-6-6-6																		10.00	
35-32-5028-108, 4422-2-15	0-1	2693-03/19/76-17-17														15-1-6-6-6																		10.00	
35-32-5028-108, 4422-2-15	0-1	2694-03/19/76-17-17														15-1-6-6-6																		13.00	
35-32-5028-108, 4422-2-15	0-1	2695-03/19/76-17-17														15-1-6-6-6																		9.00	
35-32-5028-108, 4422-2-15</																																			

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

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	SECUR MEASUREMENTS	SECUR CONDUCTANCE	SECUR TDS	WATER TDS	WATER EC	WATER EC	WATER EC	WATER EC
35-32.4372-108.5242-2-15	0-L	2738-03/20/76	9-10																
35-32.4364-108.5239-2-15	0-L	2739-03/20/76	9-10																
35-32.4360-108.5104-2-15	0-L	2740-03/20/76	9-10																
35-32.4328-108.5133-2-15	0-L	2741-03/20/76	9-10																
35-32.4369-108.5483-2-15	0-L	2742-03/20/76	9-10																
35-32.4378-108.5708-2-15	0-L	2743-03/20/76	9-10																
35-32.4406-108.5889-2-15	0-L	2744-03/20/76	9-10																
35-32.4272-108.5717-2-15	0-L	2745-03/20/76	9-10																
35-32.4203-108.5522-2-15	0-L	2746-03/20/76	9-10																
35-32.4197-108.5511-2-15	0-L	2747-03/20/76	9-10																
35-32.4167-108.5419-2-15	0-L	2748-03/20/76	9-10																
35-32.0569-108.5436-2-15	0-L	2749-03/20/76	9-10																
35-32.2667-108.5799-2-15	0-L	2750-03/21/76	9-10																
35-32.2658-108.5811-2-15	0-L	2751-03/21/76	9-10																
35-32.2342-108.5826-2-15	0-L	2752-03/21/76	9-10																
35-32.2644-108.7403-2-15	0-L	2753-03/21/76	9-10																
35-32.2597-108.7533-2-15	0-L	2754-03/21/76	9-10																
35-32.4131-108.5494-2-15	0-L	2755-03/21/76	9-10																
35-32.0422-108.5522-2-15	0-L	2756-03/20/76	9-10																
35-32.0353-108.5761-2-15	0-L	2757-03/20/76	9-10																
35-32.0250-108.6097-2-15	0-L	2758-03/20/76	9-10																
35-32.0036-108.6497-2-15	0-L	2759-03/20/76	9-10																
35-32.0339-108.7192-2-15	0-L	2760-03/20/76	9-10																
35-32.0342-108.7100-2-15	0-L	2761-03/20/76	9-10																
35-32.0339-108.7060-2-15	0-L	2762-03/20/76	9-10																
35-32.0364-108.6987-2-15	0-L	2763-03/20/76	9-10																
35-32.0353-108.6447-2-15	0-L	2764-03/20/76	9-10																
35-32.0253-108.6448-2-15	0-L	2765-03/20/76	9-10																
35-32.0575-108.6583-2-15	0-L	2766-03/20/76	9-10																
35-32.0514-108.6411-2-15	0-L	2767-03/20/76	9-10																
35-32.0533-108.6097-2-15	0-L	2768-03/20/76	9-10																
35-32.0583-108.5476-2-15	0-L	2769-03/20/76	9-10																
35-32.0467-108.5633-2-15	0-L	2770-03/20/76	9-10																
35-32.0492-108.5311-2-15	0-L	2771-03/20/76	9-10																
35-32.0558-108.5130-2-15	0-L	2772-03/20/76	9-10																
35-32.0375-108.5050-2-15	0-L	2773-03/20/76	9-10																
35-32.2506-108.7430-2-15	0-L	2774-03/20/76	9-10																
35-32.2542-108.7711-2-15	0-L	2775-03/21/76	9-10																
35-32.2547-108.7850-2-15	0-L	2776-03/21/76	9-10																
35-32.2283-108.7457-2-15	0-L	2777-03/21/76	9-10																
35-32.1967-108.7961-2-15	0-L	2778-03/21/76	9-10																
35-32.1792-108.7956-2-15	0-L	2779-03/21/76	9-10																
35-32.1686-108.7951-2-15	0-L	2780-03/21/76	9-10																
35-32.1583-108.7954-2-15	0-L	2781-03/21/76	9-10																
35-32.1508-108.7775-2-15	0-L	2782-03/21/76	9-10																
35-32.1344-108.7960-2-15	0-L	2783-03/21/76	9-10																
35-32.1253-108.7475-2-15	0-L	2784-03/21/76	9-10																
35-32.2725-108.6436-2-15	0-L	2785-03/21/76	9-10																

APPENDIX C-II (continued): Field Data and Uranium Concentrations for Sediment Samples-Silver City

[illegible]

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

[illegible]

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

[illegible]

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

DOE SAMPLE NUMBER					LAST SAMPLE NUMBER AND FIELD DATA															CONCENTRATION																																																																																																																																																																																																																																																																			
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	A-75 TEMPERATURE	COMMENTS	DOE 1	DOE 2	DOE 3	DOE 4	DOE 5	DOE 6	DOE 7	DOE 8	DOE 9	DOE 10	DOE 11	DOE 12	DOE 13	DOE 14	DOE 15	DOE 16	DOE 17	DOE 18	DOE 19	DOE 20	DOE 21	DOE 22	DOE 23	DOE 24	DOE 25	DOE 26	DOE 27	DOE 28	DOE 29	DOE 30	DOE 31	DOE 32	DOE 33	DOE 34	DOE 35	DOE 36	DOE 37	DOE 38	DOE 39	DOE 40	DOE 41	DOE 42	DOE 43	DOE 44	DOE 45	DOE 46	DOE 47	DOE 48	DOE 49	DOE 50	DOE 51	DOE 52	DOE 53	DOE 54	DOE 55	DOE 56	DOE 57	DOE 58	DOE 59	DOE 60	DOE 61	DOE 62	DOE 63	DOE 64	DOE 65	DOE 66	DOE 67	DOE 68	DOE 69	DOE 70	DOE 71	DOE 72	DOE 73	DOE 74	DOE 75	DOE 76	DOE 77	DOE 78	DOE 79	DOE 80	DOE 81	DOE 82	DOE 83	DOE 84	DOE 85	DOE 86	DOE 87	DOE 88	DOE 89	DOE 90	DOE 91	DOE 92	DOE 93	DOE 94	DOE 95	DOE 96	DOE 97	DOE 98	DOE 99	DOE 100	DOE 101	DOE 102	DOE 103	DOE 104	DOE 105	DOE 106	DOE 107	DOE 108	DOE 109	DOE 110	DOE 111	DOE 112	DOE 113	DOE 114	DOE 115	DOE 116	DOE 117	DOE 118	DOE 119	DOE 120	DOE 121	DOE 122	DOE 123	DOE 124	DOE 125	DOE 126	DOE 127	DOE 128	DOE 129	DOE 130	DOE 131	DOE 132	DOE 133	DOE 134	DOE 135	DOE 136	DOE 137	DOE 138	DOE 139	DOE 140	DOE 141	DOE 142	DOE 143	DOE 144	DOE 145	DOE 146	DOE 147	DOE 148	DOE 149	DOE 150	DOE 151	DOE 152	DOE 153	DOE 154	DOE 155	DOE 156	DOE 157	DOE 158	DOE 159	DOE 160	DOE 161	DOE 162	DOE 163	DOE 164	DOE 165	DOE 166	DOE 167	DOE 168	DOE 169	DOE 170	DOE 171	DOE 172	DOE 173	DOE 174	DOE 175	DOE 176	DOE 177	DOE 178	DOE 179	DOE 180	DOE 181	DOE 182	DOE 183	DOE 184	DOE 185	DOE 186	DOE 187	DOE 188	DOE 189	DOE 190	DOE 191	DOE 192	DOE 193	DOE 194	DOE 195	DOE 196	DOE 197	DOE 198	DOE 199	DOE 200	DOE 201	DOE 202	DOE 203	DOE 204	DOE 205	DOE 206	DOE 207	DOE 208	DOE 209	DOE 210	DOE 211	DOE 212	DOE 213	DOE 214	DOE 215	DOE 216	DOE 217	DOE 218	DOE 219	DOE 220	DOE 221	DOE 222	DOE 223	DOE 224	DOE 225	DOE 226	DOE 227	DOE 228	DOE 229	DOE 230	DOE 231	DOE 232	DOE 233	DOE 234	DOE 235	DOE 236	DOE 237	DOE 238	DOE 239	DOE 240	DOE 241	DOE 242	DOE 243	DOE 244	DOE 245	DOE 246	DOE 247	DOE 248	DOE 249	DOE 250	DOE 251	DOE 252	DOE 253	DOE 254	DOE 255	DOE 256	DOE 257	DOE 258	DOE 259	DOE 260	DOE 261	DOE 262	DOE 263	DOE 264	DOE 265	DOE 266	DOE 267	DOE 268

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

DOE SAMPLE NUMBER				LAST SAMPLE NUMBER AND FIELD DATA										CONCENTRATION OF SEDIMENT SAMPLES ANALYZED BY DEPARTMENT OF ENVIRONMENTAL HEALTH									
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REMARKS	LAST SAMPLE NUMBER	DATE	TIME SAMPLED	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	PH	SURFACE TEMPERATURE	WIND DIRECTION	WIND SPEED	WAVE DIRECTION	WAVE PERIOD	WAVE HEIGHT	WAVE TYPE	WAVE PERIOD	WAVE HEIGHT	WAVE TYPE	WAVE PERIOD
35-32	8319-108.0178-2-13	0-L	3116-04/09/75-14	21	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8319-108.0075-2-13	0-L	3117-04/09/75-15	21	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8122-108.244-2-13	0-L	3118-04/09/75-10	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8697-108.2419-2-13	0-L	3119-04/09/75-11	20	11.8-C	7.8	1520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8733-108.3208-2-13	0-L	3120-04/09/75-12	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8406-108.5486-2-13	0-L	3125-04/05/76-9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8464-108.5611-2-13	0-L	3126-04/05/76-9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8261-108.5592-2-13	0-L	3127-04/05/76-10	14	9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	7797-108.5896-2-13	0-L	3128-04/05/76-10	14	9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	7797-108.5956-2-13	0-L	3129-04/05/76-10	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	7394-108.5467-2-13	0-L	3130-04/05/76-11	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	7964-108.2797-2-13	0-L	3131-04/09/76-10	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	7019-108.2183-2-13	0-L	3132-04/09/76-17	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	7261-108.2050-2-13	0-L	3134-04/09/76-18	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	7244-108.2050-2-13	0-L	3135-04/09/76-18	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	4697-108.0054-2-13	0-L	3136-04/09/76-9	20	15.0	7.1	164	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	9436-108.4711-2-13	0-L	3137-04/10/76-9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	9447-108.4711-2-13	0-L	3138-04/10/76-9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	9122-108.4472-2-13	0-L	3139-04/10/76-11	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8969-108.3481-2-13	0-L	3140-04/10/76-13	22	15.1	7.9	520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	7856-108.3422-2-13	0-L	3141-04/10/76-15	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	9042-108.2400-2-13	0-L	3142-04/10/76-17	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	9069-108.2454-2-13	0-L	3143-04/10/76-18	19	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8983-108.2454-2-13	0-L	3144-04/10/76-18	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8697-108.1250-2-13	0-L	3145-04/11/76-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8372-108.1511-2-13	0-L	3146-04/11/76-10	19	11.2	7.9	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8369-108.1547-2-13	0-L	3147-04/11/76-10	19	17.5	9.6	510	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8403-108.1425-2-13	0-L	3148-04/11/76-11	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	9172-108.0594-2-13	0-L	3149-04/11/76-13	21	14.4	7.8	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	9189-108.0847-2-13	0-L	3150-04/11/76-14	19	15.0	7.5	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	9183-108.0042-2-13	0-L	3151-04/11/76-16	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8253-108.0583-2-13	0-L	3152-04/09/75-15	22	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	9428-108.0930-2-13	0-L	3154-04/11/75-17	19	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8964-108.1297-2-11	0-L	3155-04/12/76-9	10	4.0	7.1	142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	9019-108.1258-2-11	0-L	3156-04/12/76-10	10	5.8	7.4	128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8917-108.1100-2-12	0-L	3157-04/12/76-11	12	7.5	7.0	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	8239-108.0804-2-13	0-L	3158-04/12/76-12	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	7125-108.0211-2-13	0-L	3161-04/14/76-17	14	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	7719-108.0228-2-13	0-L	3162-04/14/76-17	14	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	7453-108.0014-2-13	0-L	3163-04/14/76-17	14	8.5-C	8.1	465	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-32	7431-108.0119-2-13	0-L	3164-04/14/76-17	14	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

APPENDIX C-III

Listings of Field Data and Uranium Concentrations for Sediment Samples
from the New Mexico Portion of the Clifton NTMS Quadrangle

(See Appendix D for code to listings)

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

DOE SAMPLE NUMBER				LAST SAMPLE NUMBER AND FIELD DATA										CONCENTRATION									
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICAT	LASX SAMPLER NUMBER	DATE	TIME SAMPLED	AGE TEMPERATURE	WATER TEMPERATURE	COMMENTS	DEPTH MEASUREMENTS	DEPTH CORRECTIONS	GRAIN COUNT	GRAIN COUNT	GRAIN COUNT	GRAIN COUNT	GRAIN COUNT	GRAIN COUNT	GRAIN COUNT	GRAIN COUNT	GRAIN COUNT	GRAIN COUNT
35-33	3100-108.1419-2-12	0-L	4001-05/16/76	8	16	-	-	-	-	-	-	-	-	21-3-7-3-6	-	-	-	-	-	-	-	-	3.80
35-33	3100-108.1400-2-15	0-L	4002-05/16/76	9	17	-	-	-	-	-	-	-	-	-3-7-3-6	-	-	-	-	-	-	-	-	2.80
35-33	3278-108.1675-2-15	0-L	4003-05/16/76	10	17	-	-	-	-	-	-	-	-	13-3-7-3-6	-	-	-	-	-	-	-	-	5.20
35-33	3272-108.2167-2-12	0-L	4004-05/17/76	9	16	-	-	-	-	-	-	-	-	-7-3-6-3-6	-	-	-	-	-	-	-	-	4.50
35-33	3272-108.2167-2-12	0-L	4005-05/17/76	12	19	-	-	-	-	-	-	-	-	13-3-6-3-6	-	-	-	-	-	-	-	-	1.50
35-33	3733-108.2917-2-11	0-L	4006-05/18/76	9	17	-	-	-	-	-	-	-	-	6-4-6-3-6	-	-	-	-	-	-	-	-	4.20
35-33	3733-108.2917-2-11	0-L	4007-03/17/76	12	25	-	-	-	-	-	-	-	-	13-3-6-4-6	-	-	-	-	-	-	-	-	2.50
35-33	3178-108.8550-2-15	0-L	4008-03/19/76	7	16	-	-	-	-	-	-	-	-	25-3-7-4-6	-	-	-	-	-	-	-	-	3.70
35-33	3533-108.8550-2-15	0-L	4009-03/19/76	9	25	-	-	-	-	-	-	-	-	16-3-7-4-6	-	-	-	-	-	-	-	-	3.60
35-33	3077-108.7197-2-11	0-L	4010-03/20/76	9	25	-	-	-	-	-	-	-	-	14-3-7-4-6	-	-	-	-	-	-	-	-	4.60
35-33	3039-108.8111-2-15	0-L	4011-05/15/76	7	20	-	-	-	-	-	-	-	-	10-1-6-3-6	-	-	-	-	-	-	-	-	2.70
35-33	3539-108.8974-2-15	0-L	4012-03/16/76	10	18	-	-	-	-	-	-	-	-	25-1-7-4-7	-	-	-	-	-	-	-	-	2.10
35-33	3717-108.9856-2-12	0-L	4013-03/16/76	11	20	-	-	-	-	-	-	-	-	9-3-7-4-6	-	-	-	-	-	-	-	-	2.10
35-33	3077-109.0300-2-15	0-L	4014-03/16/76	13	22	-	-	-	-	-	-	-	-	11-3-7-4-6	-	-	-	-	-	-	-	-	2.40
35-33	3358-108.9783-2-15	0-L	4015-03/16/76	13	22	-	-	-	-	-	-	-	-	11-3-7-4-6	-	-	-	-	-	-	-	-	2.40
35-33	3453-109.0174-2-12	0-L	4016-03/16/76	15	20	-	-	-	-	-	-	-	-	5-3-7-4-6	-	-	-	-	-	-	-	-	3.50
35-33	3833-108.8722-2-15	0-L	4017-03/16/76	16	24	-	-	-	-	-	-	-	-	3-3-7-4-6	-	-	-	-	-	-	-	-	2.10
35-33	3833-108.8722-2-15	0-L	4018-03/16/76	16	24	-	-	-	-	-	-	-	-	11-3-7-4-6	-	-	-	-	-	-	-	-	2.60
35-33	3833-108.8722-2-15	0-L	4019-03/16/76	17	18	-	-	-	-	-	-	-	-	18-4	-	-	-	-	-	-	-	-	5.30
35-33	3453-108.8722-2-15	0-L	4020-03/16/76	17	17	-	-	-	-	-	-	-	-	9-4	-	-	-	-	-	-	-	-	3.00
35-33	3453-108.8722-2-15	0-L	4021-03/16/76	17	17	-	-	-	-	-	-	-	-	7-4	-	-	-	-	-	-	-	-	1.00
35-33	3453-108.8722-2-15	0-L	4022-03/16/76	17	17	-	-	-	-	-	-	-	-	14-1-7-4-7	-	-	-	-	-	-	-	-	2.00
35-33	3453-108.8722-2-15	0-L	4023-03/16/76	17	17	-	-	-	-	-	-	-	-	7-3-6-4-6	-	-	-	-	-	-	-	-	3.00
35-33	3453-108.8722-2-15	0-L	4024-03/16/76	17	17	-	-	-	-	-	-	-	-	31-3-6-4-6	-	-	-	-	-	-	-	-	3.20
35-33	3453-108.8722-2-15	0-L	4025-03/16/76	17	17	-	-	-	-	-	-	-	-	18-3-6-4-6	-	-	-	-	-	-	-	-	3.00
35-33	3453-108.8722-2-15	0-L	4026-03/16/76	17	17	-	-	-	-	-	-	-	-	14-1-7-4-0	-	-	-	-	-	-	-	-	2.50
35-33	3453-108.8722-2-15	0-L	4027-03/16/76	17	17	-	-	-	-	-	-	-	-	9-1-7-4-6	-	-	-	-	-	-	-	-	2.30
35-33	3453-108.8722-2-15	0-L	4028-03/16/76	17	17	-	-	-	-	-	-	-	-	14-4	-	-	-	-	-	-	-	-	3.10
35-33	3453-108.8722-2-15	0-L	4029-03/16/76	17	17	-	-	-	-	-	-	-	-	11-4	-	-	-	-	-	-	-	-	3.20
35-33	3453-108.8722-2-15	0-L	4030-03/16/76	17	17	-	-	-	-	-	-	-	-	14-4	-	-	-	-	-	-	-	-	5.30
35-33	3453-108.8722-2-15	0-L	4031-03/16/76	17	17	-	-	-	-	-	-	-	-	18-4	-	-	-	-	-	-	-	-	2.70
35-33	3453-108.8722-2-15	0-L	4032-03/16/76	17	17	-	-	-	-	-	-	-	-	22-3-7-4-6	-	-	-	-	-	-	-	-	2.50
35-33	3453-108.8722-2-15	0-L	4033-03/16/76	17	17	-	-	-	-	-	-	-	-	22-3-7-4-6	-	-	-	-	-	-	-	-	3.10
35-33	3453-108.8722-2-15	0-L	4034-03/16/76	17	17	-	-	-	-	-	-	-	-	20-3-7-4-6	-	-	-	-	-	-	-	-	2.70
35-33	3453-108.8722-2-15	0-L	4035-03/16/76	17	17	-	-	-	-	-	-	-	-	13-1-6-3-6	-	-	-	-	-	-	-	-	2.50
35-33	3453-108.8722-2-15	0-L	4036-03/16/76	17	17	-	-	-	-	-	-	-	-	11-3-7-4-6	-	-	-	-	-	-	-	-	2.00
35-33	3453-108.8722-2-15	0-L	4037-03/16/76	17	17	-	-	-	-	-	-	-	-	29-3-7-4-6	-	-	-	-	-	-	-	-	2.00
35-33	3453-108.8722-2-15	0-L	4038-03/16/76	17	17	-	-	-	-	-	-	-	-	25-4-7-4-6	-	-	-	-	-	-	-	-	2.70
35-33	3453-108.8722-2-15	0-L	4039-03/16/76	17	17	-	-	-	-	-	-	-	-	21-1-7-4-6	-	-	-	-	-	-	-	-	3.40
35-33	3453-108.8722-2-15	0-L	4040-03/16/76	17	17	-	-	-	-	-	-	-	-	9-1-4-3-4	-	-	-	-	-	-	-	-	1.30
35-33	3453-108.8722-2-15	0-L	4041-03/16/76	17	17	-	-	-	-	-	-	-	-	20-1-6	-	-	-	-	-	-	-	-	4.30
35-33	3453-108.8722-2-15	0-L	4042-03/16/76	17	17	-	-	-	-	-	-	-	-	11-3-7-4-6	-	-	-	-	-	-	-	-	3.60
35-33	3453-108.8722-2-15	0-L	4043-03/16/76	17	17	-	-	-	-	-	-	-	-	18-1-6-4-6	-	-	-	-	-	-	-	-	3.40
35-33	3453-108.8722-2-15	0-L	4044-03/16/76	17	17	-	-	-	-	-	-	-	-	20-1-6-4-6	-	-	-	-	-	-	-	-	3.80
35-33	3453-108.8722-2-15	0-L	4045-03/16/76	17	17	-	-	-	-	-	-	-	-	11-1-7-4-6	-	-	-	-	-	-	-	-	2.80
35-33	3453-108.8722-2-15	0-L	4046-03/16/76	17	17	-	-	-	-	-	-	-	-	18-1-6-4-6	-	-	-	-	-	-	-	-	2.50
35-33	3453-108.8722-2-15	0-L	4047-03/16/76	17	17	-	-	-	-	-	-	-	-	9-1-7-4-6	-	-	-	-	-	-	-	-	2.50
35-33	3453-108.8722-2-15	0-L	4048-03/16/76	17	17	-	-	-	-	-	-	-	-	13-3-7-5-6	-	-	-	-	-	-	-	-	2.20
35-33	3453-108.8722-2-15	0-L	4049-03/16/76	17	17	-	-	-	-	-	-	-	-	13-1-4-4-6	-	-	-	-	-	-	-	-	2.50
35-33	3453-108.8722-2-15	0-L	4050-03/16/76	17	17	-	-	-	-	-	-	-	-	11-3-7-4-6	-	-	-	-	-	-	-	-	2.50
35-33	3453-108.8722-2-15	0-L	4051-03/16/76	17	17	-	-	-	-	-	-	-	-	18-1-6-4-6	-	-	-	-	-	-	-	-	3.60
35-33	3453-108.8722-2-15	0-L	4052-03/16/76	17	17	-	-	-	-	-	-	-	-	20-1-6-4-6	-	-	-	-	-	-	-	-	3.40
35-33	3453-108.8722-2-15	0-L	4053-03/16/76	17	17	-	-	-	-	-	-	-	-	11-1-7-4-6	-	-	-	-	-	-	-	-	3.80
35-33	3453-108.8722-2-15	0-L	4054-03/16/76	17	17	-	-	-	-	-	-	-	-	18-1-6-4-6	-	-	-	-	-	-	-	-	2.80
35-33	3453-108.8722-2-15	0-L	4055-03/16/76	17	17	-	-	-	-	-	-	-	-	9-1-7-4-6	-	-	-	-	-	-	-	-	2.50
35-33	3453-108.8722-2-15	0-L	4056-03/16/76	17	17	-	-	-	-	-	-	-	-	13-3-7-5-6	-	-	-	-	-	-	-	-	2.20
35-33	3453-108.8722-2-15	0-L	4057-03/16/76	17	17	-	-	-	-	-	-	-	-	13-1-4-4-6	-	-	-	-	-	-	-	-	2.50
35-33	3453-108.8722-2-15	0-L	4058-03/16/76	17	17	-	-	-	-	-	-	-	-	11-3-7-4-6	-	-	-	-	-	-	-	-	2.50
35-33	3453-108.8722-2-15	0-L	4059-03/16/76	17	17	-	-	-	-	-	-	-	-	29-3-7-4-6	-	-	-	-	-	-	-	-	2.00
35-33	3453-108.8722-2-15	0-L	4060-03/16/76	17	17	-	-	-	-	-	-	-	-	25-4-7-4-6	-	-	-	-	-	-	-	-	2.70
35-33	3453-108.8722-2-15	0-L	4061-03/16/76	17	17	-	-	-	-	-	-	-	-	21-1-7-4-6	-	-	-	-	-	-	-	-	3.40
35-33	3453-108.8722-2-15	0-L	4062-03/16/76	17	17	-	-	-	-	-	-	-	-	9-1-4-3-4	-	-	-	-	-	-	-	-	1.30
35-33	3453-108.8722-2-15	0-L	4063-03/16/76	17	17	-	-	-	-	-	-	-	-	20-1-6	-	-	-	-	-	-	-	-	4.30
35-33	3453-108.8722-2-15	0-L	4064-03/16/76	17	17	-	-	-	-	-	-	-	-	11-3-7-4-6	-	-	-	-	-	-	-	-	3.60
35-33	3453-108.8722-2-15	0-L	4065-03/16/76	17	17	-	-	-	-	-	-	-	-	18-1-6-4-6	-	-	-	-	-	-	-	-	3.40
35-33	3453-108.8722-2-15	0-L	4066-03/16/76	17	17</																		

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

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

[illegible]

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

[illegible]

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

[illegible]

[illegible]56

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

[illegible]

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

DOE SAMPLE NUMBER				TIME SAMPLED				LAST SAMPLE NUMBER AND FIELD DATA										CONCENTRATION	
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	SPICULATE	S. PIT	DATE	HOOR	AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIAL MEASUREMENTS	PH	SPECIFIC CONDUCTANCE	WINDSPEED	WIND DIRECTION	WINDSPEED	WIND DIRECTION	WINDSPEED
35-33	4072-108	3194-2-15	0-L	4628-04/22/76-16	17														
35-33	4114-108	3028-2-12	0-L	4629-04/22/76-16	17														
35-33	4178-108	2742-2-11	0-L	4630-04/22/76-17	16-15														
35-33	6744-108	1206-2-11	0-L	4631-04/23/76-18	16														
35-33	6706-108	6611-2-15	0-L	4632-04/23/76-11	17														
35-33	6778-108	6839-2-15	0-L	4633-04/23/76-11	17														
35-33	6778-108	6839-2-15	0-L	4634-04/23/76-11	17														
35-33	6800-108	6877-2-15	0-L	4635-04/23/76-12	17														
35-33	6889-108	7239-2-12	0-L	4636-04/23/76-13	17-14														
35-33	5181-108	7844-2-15	0-L	4637-04/23/76-15	17														
35-33	5200-108	7869-2-15	0-L	4638-04/23/76-15	17														
35-33	5169-108	7977-2-15	0-L	4639-04/23/76-15	17														
35-33	5281-108	7999-2-15	0-L	4640-04/23/76-15	17														
35-33	5081-108	8074-2-15	0-L	4641-04/23/76-15	17														
35-33	6661-108	8278-2-12	0-L	4642-04/23/76-16	17-13														
35-33	6693-108	8289-2-12	0-L	4643-04/23/76-16	17-15														
35-33	6702-108	8378-2-15	0-L	4644-04/23/76-17	16														
35-33	6709-108	8384-2-15	0-L	4645-04/23/76-17	15														
35-33	6732-108	8472-2-12	0-L	4646-04/23/76-17	15														
35-33	6859-108	1197-2-11	0-L	4647-04/25/76-9	13-14														
35-33	6867-108	1197-2-11	0-L	4648-04/25/76-12	13														
35-33	6778-108	6508-2-15	0-L	4649-04/25/76-12	15														
35-33	6778-108	6508-2-15	0-L	4650-04/25/76-13	15														
35-33	6778-108	6508-2-15	0-L	4651-04/25/76-13	15														
35-33	6778-108	6508-2-15	0-L	4652-04/25/76-13	15														
35-33	6889-108	8644-2-15	0-L	4653-04/25/76-15	15														
35-33	6744-108	8622-2-15	0-L	4654-04/25/76-16	14														
35-33	6717-108	8742-2-15	0-L	4655-04/25/76-16	14														
35-33	6717-108	8742-2-15	0-L	4656-04/25/76-16	14														
35-33	6717-108	8742-2-15	0-L	4657-04/25/76-16	14														
35-33	6717-108	8742-2-15	0-L	4658-04/25/76-17	13														
35-33	6717-108	8742-2-15	0-L	4659-04/25/76-17	13														
35-33	6717-108	8742-2-15	0-L	4660-04/26/76-12	13														
35-33	6717-108	8742-2-15	0-L	4661-04/26/76-12	13														
35-33	6717-108	8742-2-15	0-L	4662-04/26/76-13	14														
35-33	6717-108	8742-2-15	0-L	4663-04/26/76-13	14														
35-33	6717-108	8742-2-15	0-L	4664-04/26/76-13	14														
35-33	6717-108	8742-2-15	0-L	4665-04/26/76-14	14-11														
35-33	6717-108	8742-2-15	0-L	4666-04/26/76-14	14-11														
35-33	6717-108	8742-2-15	0-L	4667-04/26/76-14	22														
35-33	6717-108	8742-2-15	0-L	4668-04/26/76-11	22														
35-33	6717-108	8742-2-15	0-L	4669-04/26/76-11	22														
35-33	6717-108	8742-2-15	0-L	4670-04/26/76-11	22														
35-33	6717-108	8742-2-15	0-L	4671-04/26/76-11	22														
35-33	6717-108	8742-2-15	0-L	4672-04/26/76-13	21														
35-33	6717-108	8742-2-15	0-L	4673-04/26/76-13	21														
35-33	6717-108	8742-2-15	0-L	4674-04/26/76-13	23														
35-33	6717-108	8742-2-15	0-L	4675-04/26/76-13	28														
35-33	6717-108	8742-2-15	0-L	4676-04/26/76-13	28														
35-33	6717-108	8742-2-15	0-L	4677-04/26/76-13	28														
35-33	6717-108	8742-2-15	0-L	4678-04/26/76-13	28														
35-33	6717-108	8742-2-15	0-L	4679-04/26/76-15	28														
35-33	6717-108	8742-2-15	0-L	4680-04/26/76-15	26														

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

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

[illegible]

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

DOE SAMPLE NUMBER			LAS. SAMPLE NUMBER AND FIELD DATA										CONCENTRATION	
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	SAMPLE NUMBER	DATE	TIME SAMPLED	AS TIME RECORDED	WATER DEPTH	WIND DIRECTION	WIND SPEED	WAVE HEIGHT	WAVE PERIOD
35-33	3892	108.5520	2-15	0-L	4907	04/27/76	15	15	4-1-6-0-0	1-1	1-3-3-1	2.00		
35-33	3856	108.5732	2-15	0-L	4908	07/19/76	10	26	2-1-7-4-0-1	1-1	2-3-3-1	4.20		
35-33	3853	108.5436	2-15	0-L	4909	04/27/76	16	15	8-1-7-4-0-1	1-1	1-3-3-1	2.20		
35-33	3764	108.4372	2-12	0-L	4910	05/04/76	10	10-12.0-C	1-3-3-0-3	2-2	1-1-4-0-0	4.70		
35-33	3761	108.4442	2-12	0-L	4911	05/04/76	11	13	2-1-3-0-3	2-2	1-1-4-0-0	5.00		
35-33	3669	108.4500	2-12	0-L	4912	05/04/76	13	15	7-5-5-C	7.9	1-1-3-4-0	3.30		
35-33	3667	108.4730	2-12	0-L	4913	05/04/76	13	10-11.5-C	1-3-3-0-3	3-1	1-1-3-4-0	2.70		
35-33	3250	108.4771	2-12	0-L	4914	05/04/76	14	10-11.5-C	6-3-7-3-0-4	3-1	1-1-3-4-0	5.30		
35-33	3231	108.4833	2-11	0-L	4915	05/04/76	18	5	19-3-7-3-0-4	3-1	1-1-3-4-0	6.00		
35-33	3253	108.4811	2-12	0-L	4916	05/04/76	19	4	19-3-7-3-0-4	3-1	1-1-3-4-0	4.40		
35-33	3254	108.4812	2-12	0-L	4917	05/04/76	10	4	2-1-3-0-3	3-1	1-1-3-4-0	4.00		
35-33	3254	108.4812	2-12	0-L	4918	05/04/76	11	5	2-1-3-0-3	3-1	1-1-3-4-0	5.10		
35-33	3264	108.4844	2-12	0-L	4919	05/04/76	11	8	1-3-7-3-0-3	3-1	1-1-3-4-0	2.70		
35-33	3242	108.4908	2-12	0-L	4920	05/04/76	12	8	1-3-7-3-0-3	3-1	1-1-3-4-0	2.60		
35-33	3278	108.5038	2-12	0-L	4921	05/04/76	12	7	1-3-7-3-0-3	3-1	1-1-3-4-0	1.80		
35-33	3201	108.6101	2-12	0-L	4922	05/04/76	11	22	1-3-7-3-0-3	3-1	1-1-3-4-0	5.80		
35-33	3201	108.6036	2-12	0-L	4923	05/04/76	15	19	1-3-7-3-0-3	3-1	1-1-3-4-0	4.20		
35-33	3201	108.5893	2-15	0-L	4924	05/04/76	12	13	1-3-7-3-0-3	3-1	1-1-3-4-0	2.40		
35-33	3205	108.5733	2-12	0-L	4925	05/04/76	14	8	1-3-7-3-0-3	3-1	1-1-3-4-0	3.30		
35-33	3208	108.5636	2-12	0-L	4926	05/04/76	10	6	8-3-3-0-3	3-1	1-1-3-4-0	2.60		
35-33	3210	108.5534	2-12	0-L	4927	05/04/76	11	7	8-3-3-0-3	3-1	1-1-3-4-0	3.70		
35-33	3255	108.5351	2-12	0-L	4928	05/04/76	12	7	1-3-7-3-0-3	3-1	1-1-3-4-0	6.50		
35-33	3256	108.5337	2-12	0-L	4929	05/04/76	12	7	1-3-7-3-0-3	3-1	1-1-3-4-0	6.20		
35-33	3279	108.5919	2-11	0-L	4930	05/04/76	12	5	8-3-5-0-2	3-1	1-1-3-4-0	2.70		
35-33	3263	108.6244	2-12	0-L	4931	05/04/76	8	7	3-3-7-3-0-4	3-1	1-1-3-4-0	5.90		
35-33	3258	108.6306	2-15	0-L	4932	05/04/76	9	16	2-3-7-3-0-4	3-1	1-1-3-4-0	4.00		
35-33	3210	108.6319	2-15	0-L	4933	05/04/76	11	14	7-3-7-3-0-4	3-1	1-1-3-4-0	2.30		
35-33	3281	108.6314	2-15	0-L	4934	05/04/76	13	12	1-3-7-3-0-4	3-1	1-1-3-4-0	5.00		
35-33	3233	108.6333	2-15	0-L	4935	05/04/76	11	26	1-3-7-3-0-4	3-1	1-1-3-4-0	3.30		
35-33	3268	108.6366	2-15	0-L	4936	05/04/76	14	24	1-3-7-3-0-4	3-1	1-1-3-4-0	5.10		
35-33	3285	108.6368	2-12	0-L	4937	05/04/76	14	24	1-3-7-3-0-4	3-1	1-1-3-4-0	3.60		
35-33	3293	108.6368	2-11	0-L	4938	05/04/76	16	28	1-3-7-3-0-4	3-1	1-1-3-4-0	3.60		
35-33	3298	108.6372	2-15	0-L	4939	05/04/76	9	16	25-3-7-3-0-4	3-1	1-1-3-4-0	17.40		
35-33	3298	108.6372	2-15	0-L	4940	05/04/76	11	26	3-3-7-3-0-4	3-1	1-1-3-4-0	3.30		
35-33	3056	108.6392	2-15	0-L	4941	05/04/76	13	26	1-3-7-3-0-4	3-1	1-1-3-4-0	2.60		
35-33	3056	108.6392	2-15	0-L	4942	05/04/76	14	26	23-3-7-3-0-4	3-1	1-1-3-4-0	3.80		
35-33	3211	108.6419	2-15	0-L	4943	05/04/76	15	23	2-3-7-3-0-4	3-1	1-1-3-4-0	4.80		
35-33	3222	108.6422	2-15	0-L	4944	05/04/76	18	16	2-3-7-3-0-4	3-1	1-1-3-4-0	5.00		
35-33	3392	108.6432	2-15	0-L	4945	05/04/76	12	21	2-3-7-3-0-4	3-1	1-1-3-4-0	4.30		
35-33	3411	108.6372	2-15	0-L	4946	05/04/76	13	25	2-3-7-3-0-4	3-1	1-1-3-4-0	3.90		
35-33	3411	108.6372	2-15	0-L	4947	05/04/76	14	25	10-3-1-4-0	3-1	1-1-3-4-0	3.30		
35-33	3411	108.6372	2-15	0-L	4948	05/04/76	16	25	3-3-6-0-3	3-1	1-1-3-4-0	2.10		
35-33	3603	108.6383	2-15	0-L	4949	05/04/76	16	19	2-3-7-3-0-4	3-1	1-1-3-4-0	5.00		
35-33	3603	108.6383	2-15	0-L	4950	05/04/76	17	18	10-3-7-3-0-4	3-1	1-1-3-4-0	4.90		
35-33	3775	108.4198	2-15	0-L	4951	05/04/76	9	15	2-3-7-3-0-4	3-1	1-1-3-4-0	4.80		
35-33	3765	108.4198	2-15	0-L	4952	05/04/76	10	17	2-3-7-3-0-4	3-1	1-1-3-4-0	3.00		
35-33	3700	108.4344	2-15	0-L	4953	05/04/76	12	23	1-3-6-0-3	3-1	1-1-3-4-0	4.30		
35-33	3759	108.4331	2-15	0-L	4954	05/04/76	14	25	1-3-6-0-3	3-1	1-1-3-4-0	3.70		
35-33	3761	108.4504	2-15	0-L	4955	05/04/76	15	26	1-3-7-3-0-4	3-1	1-1-3-4-0	3.20		
35-33	3781	108.4633	2-15	0-L	4956	05/04/76	16	27	1-3-6-0-3	3-1	1-1-3-4-0	4.60		
35-33	3828	108.4733	2-12	0-L	4957	05/04/76	16	26	8-3-6-0-3	3-1	1-1-3-4-0	3.00		

APPENDIX C-III (Continued). FIELD DATA AND OBSERVATIONS CONCERNING THE SEDIMENT SAMPLES

STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LASI SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS SPECIAL MEASUREMENTS	pH	SPECIFIC CONDUCTANCE µmho/cm	SCINTILLOMETER µCi/ppm	ROCK TYPE	ROCK COLOR	SEDIMENT TYPE	SEDIMENT COLOR	WATER FLOW	WATER LEVEL	WATER COLOR	SIPHON CHANNEL	VEGETATION TYPE	VEGETATION DENSITY	RELIEF	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER INCHES	WELL DEPTH FEET	WATER DEPTH FEET	CONCENTRATION SEDIMENT SAMPLES ANALYZED BY DEPARTMENT OF EQUINE DUCI UNITS IN PPM
							DATE	HOUR																									
35-33	3832-108	7744-2-12	0-L	4958-05/13/76-16	13-11	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	3.50	
35-33	3744-108	7744-2-11	0-L	4959-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	2.10
35-33	3744-108	7744-2-12	0-L	4960-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	3.00
35-33	3744-108	7744-2-13	0-L	4961-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	3.80
35-33	3744-108	7744-2-14	0-L	4962-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	1.70
35-33	3744-108	7744-2-15	0-L	4963-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	4.10
35-33	3744-108	7744-2-16	0-L	4964-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	4.20
35-33	3744-108	7744-2-17	0-L	4965-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	3.70
35-33	3744-108	7744-2-18	0-L	4966-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	2.50
35-33	3744-108	7744-2-19	0-L	4967-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	2.00
35-33	3744-108	7744-2-20	0-L	4968-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	2.00
35-33	3744-108	7744-2-21	0-L	4969-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	2.10
35-33	3744-108	7744-2-22	0-L	4970-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	2.10
35-33	3744-108	7744-2-23	0-L	4971-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	2.10
35-33	3744-108	7744-2-24	0-L	4972-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	2.10
35-33	3744-108	7744-2-25	0-L	4973-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	2.10
35-33	3744-108	7744-2-26	0-L	4974-05/14/76-16	12-22	5-C	7-44	52	1-3-6-3-6-4-4-1-2-1-3-4-1	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	1-1	1-1	1-1	1-1	1-1	2.10
 																	

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

DOE SAMPLE NUMBER										LASL SAMPLE NUMBER AND FIELD DATA										CONCENTRATION											
STAT	LATITUDE	LONGITUDE	DOT LAB	SAMPLE TYPE	DESCRIPTIVE	JAN SAMPLE NUMBER	TIME SAMPLED		DATE	HOUR	AD TEMPERATURE	WATER TEMPERATURE	COMMENTS	SPECIFIC CONDUCTIVITY	WATER CLOUTED	DOY	WATER TEMP	WATER CLOUTED	WATER CLOUTED	WATER CLOUTED	WATER CLOUTED	WATER CLOUTED	WATER CLOUTED	WATER CLOUTED	WATER CLOUTED	WATER CLOUTED	WATER CLOUTED	WATER CLOUTED	WATER CLOUTED		
35-33	3988-18	078-25	15			0009-05/11/76-10-23			05/11/76-10-23								17-2-6-4-6														
35-33	3611-18	076-11	23			5010-05/11/76-11-23			05/11/76-11-23								26-2-1-4-6-3-3-5-2-1-4-5-1														
35-33	3628-18	076-13	13			5011-05/11/76-12-24-18-0			05/11/76-12-24-18-0								13-2-1-4-6-3-3-5-2-1-4-5-1														
35-33	3644-18	076-13	13			5012-05/11/76-12-24-18-0			05/11/76-12-24-18-0								26-2-1-4-6-3-3-5-2-1-4-5-1														
35-33	3578-18	076-13	13			5013-05/11/76-12-24-18-0			05/11/76-12-24-18-0								21-2-1-4-6-3-3-5-2-1-4-5-1														
35-33	3591-18	076-13	13			5014-05/11/76-12-24-18-0			05/11/76-12-24-18-0								26-2-1-4-6-3-3-5-2-1-4-5-1														
35-33	3432-18	076-15	15			5015-05/11/76-12-24-17-0			05/11/76-12-24-17-0								21-1-6-4-6-3-2-1-3-3-2														
35-33	3266-18	076-15	15			5016-05/11/76-14-24			05/11/76-14-24								8-1-6-4-6-3-2-1-3-3-2														
35-33	3277-18	076-15	15			5020-05/11/76-15-22-17-0			05/11/76-15-22-17-0								17-2-6-4-6-3-1-2-1-2-4-2														
35-33	3278-18	076-15	15			5021-05/11/76-15-22-17-0			05/11/76-15-22-17-0								26-2-6-4-6-3-1-2-1-2-4-2														
35-33	3279-18	076-15	15			5022-05/11/76-15-22-17-0			05/11/76-15-22-17-0								17-2-6-4-6-3-1-2-1-2-4-2														
35-33	3297-18	076-16	16			5023-05/11/76-16-22-17-0			05/11/76-16-22-17-0								26-2-6-4-6-3-1-2-1-2-4-2														
35-33	3296-18	076-16	16			5024-05/11/76-16-22-18-0			05/11/76-16-22-18-0								26-2-6-4-6-3-1-2-1-2-4-2														
35-33	3301-18	076-16	16																												

APPENDIX C-IV

Listings of Field Data and Uranium Concentrations for Sediment Samples
from the New Mexico Portion of the Saint Johns NTMS Quadrangle

(See Appendix D for code to listings)

APPENDIX C-IV. Field Data and Uranium Concentrations for Sediment Samples-Saini Johns

[illegible]

APPENDIX C-IV (continued). Field Data and Uranium Concentrations for Sediment Samples-Saint Johns

[illegible]

APPENDIX C-IV (continued). Field Data and Uranium Concentrations for Sediment Samples-Saint Johns

[illegible]

APPENDIX C-IV (continued). Field Data and Uranium Concentrations for Sediment Samples - Saint Johns

[illegible]

APPENDIX C-IV (continued). Field Data and Uranium Concentrations for Sediment Samples - Saint Johns

[illegible]

APPENDIX C-IV (continued). Field Data and Uranium Concentrations for Sediment Samples- Saint Johns

STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAST SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	COMMENTS	pH	SPECIFIC CONDUCTANCE (micro/cm)	% INTRUSION	ROCK TYPE	SEDIMENT TYPE	FLOW COLOR	WATER LEVEL	WATER COLOR	STREAM CHANNEL	VEGETATION DENSITY	BELLS	WEATHER	OWNERSHIP	CONTAINMENTS	WELL TYPE	WELL DEPTH (feet)	WATER LEVEL (feet)	ANALYZED BY DELAYED NEUTRON COUNTING DNC	SEDIMENT SAMPLES	U CONCENTRATION UNITS: N ppm																							
							DATE	HOUR																																														
35	34.3114	-108.1789	2-15			01	6410-06/29/76	15	24	-	-	-	-	-	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6	1-1-6-5-6																							
35	34.3111	-108.1797	2-97			01	6411-06/29/76	15	24	-	-	-	-	-	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6	7-1-6-5-6																							
35	34.2306	-108.0317	2-96			01	6414-06/29/76	11	24	-	-	-	-	-	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1																							
35	34.1849	-108.6431	2-15			01	6415-06/29/76	11	31	-	-	-	-	-	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1																							
35	34.1087	-108.3988	2-15			01	6417-06/29/76	12	20	-	-	-	-	-	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1																							
35	34.1087	-108.3988	2-15			01	6418-06/29/76	12	20	-	-	-	-	-	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1																							
35	34.1087	-108.3988	2-15			01	6419-06/29/76	13	20	-	-	-	-	-	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1																							
35	34.0988	-108.4347	2-15			01	6420-06/29/76	13	20	-	-	-	-	-	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1	9-1-1-5-1																							
35	34.1214	-108.4304	2-15			01	6421-06/29/7																																															

APPENDIX C-IV (continued). Field Data and Uranium Concentrations for Sediment Samples-Saint Johns

[illegible]

APPENDIX C-IV (continued): Field Data and Uranium Concentrations for Sediment Samples - Saint Johns

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	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	DEPTH	WEATHER	OWNERSHIP	CONTAMINANTS	WELL TYPE	WELL DIAMETER (INCHES)	WELL DEPTH (FEET)	WATER DEPTH (FEET)	ANALYZED BY	DETAILED NEUTRON COUNTING	NOTES IN	
35-34	0725-108	0520-2-15	0-L	5570-06/30/74-13	20	-C										4-1-6-9-6	-1	-2-3-3-2-2	-1																	0.90	
35-34	0736-108	7750-2-15	0-L	5576-07/11/74-11	20	-C										14-1-6-7-6	-1	-1-4-4-2-2	-1																	2.00	
35-34	0778-108	7770-2-97	0-L	5577-07/11/74-11	20	-C										11-1-6-7-6	-1	-1-4-3-2-2	-1																	1.90	
35-34	0686-108	8247-2-15	0-L	5579-07/11/74-13	31	-C										8-3-0-7-6	-1	-2-3-3-2-2	-1																	2.10	
35-34	1029-108	8481-2-97	0-L	5581-07/11/74-16	27	-C										17-3-6-7-6	-1	-3-3-2-2	-1																	2.20	
35-34	0524-108	8455-2-15	0-L	5582-07/12/74-11	20	-C										9-2-1-7-6	-1	-2-1-3-2-2	-1																	1.60	
35-34	0417-108	8310-2-11	0-L	5583-07/12/74-11	20	-C										19-3-9-7-6	-1	-2-1-4-3-2	-1																	2.90	
35-34	0069-108	8264-2-11	0-L	5584-07/12/74-17	22	-C										18-3-9-7-6	-1	-2-1-4-3-2	-1																	1.70	
35-34	0742-108	8447-2-15	0-L	5585-07/12/74-19	21	-C										10-3-6-7-6	-1	-2-4-3-2-2	-1																	2.00	
35-34	0750-108	8463-2-15	0-L	5586-07/12/74-20	23	-C										17-3-6-7-6	-1	-3-3-2-2	-1																	2.30	
35-34	1367-108	8445-2-15	0-L	5587-07/12/74-20	24	-C										19-3-6-7-6	-1	-3-3-2-2	-1																	2.80	
35-34	1350-108	8444-2-15	0-L	5588-07/12/74-20	24	-C										14-3-6-7-6	-1	-2-1-3-2-2	-1																	2.30	
35-34	0536-108	7473-2-12	0-L	5589-07/13/74-11	20	-C										11-3-7-4-7	-1	-2-3-3-2-1	-1																	2.80	
35-34	0703-108	7611-2-15	0-L	5590-07/13/74-12	20	-C										9-3-7-4-1	-1	-2-3-3-2-1	-1																	2.02	
35-34	0728-108	7611-2-15	0-L	5591-07/13/74-13	31	-C										12-3-7-6	-1	-3-3-2-1	-1																	1.90	
35-34	0600-108	7750-2-15	0-L	5592-07/13/74-13	30	-C										11-3-1-7-6	-1	-2-3-3-2-1	-1																	2.10	
35-34	0743-108	8010-2-15	0-L	5593-07/13/74-13	30	-C										13-3-1-7-6	-1	-2-3-3-2-1	-1																	2.00	
35-34	0944-108	8010-2-15	0-L	5594-07/13/74-15	33	-C										5-3-6-7-6	-1	-2-3-3-2-1	-1																	2.20	
35-34	1394-108	8222-2-15	0-L	5595-07/13/74-14	34	-C										17-3-1-7-6	-1	-3-3-2-1	-1																	1.90	
35-34	1383-108	8022-2-15	0-L	5596-07/13/74-14	30	-C										9-3-1-7-6	-1	-3-3-2-1	-1																	1.90	
35-34	1411-108	7960-2-15	0-L	5598-07/13/74-15	34	-C										12-4-1-7-6	-1	-2-4-3-2-1	-1																	1.90	
35-34	1400-108	7932-2-15	0-L	5599-07/13/74-15	32	-C										12-3-8-7-6	-1	-3-4-3-2-1	-1																	2.00	
35-34	1403-108	7761-2-15	0-L	5601-07/13/74-16	35	-C										4-3-8-7-6	-1	-3-4-3-2-1	-1																	2.00	
35-34	1675-108	7750-2-15	0-L	5602-07/13/74-16	34	-C										9-4-1-7-6	-1	-3-4-3-2-1	-1																	2.50	
35-34	0814-108	6098-2-15	0-L	5603-07/13/74-16	33	-C										9-4-1-7-6	-1	-3-4-3-2-1	-1																	4.40	
35-34	2167-108	6192-2-15	0-L	5604-07/10/74-18	30	-C										9-4-1-7-6	-1	-3-4-3-2-1	-1																	5.90	
35-34	2110-108	6249-2-15	0-L	5607-07/11/74-14	20	-C										12-1-6-4-6	-1	-2-3-3-3-3	-1																	3.70	
35-34	2358-108	5833-2-15	0-L	5608-07/11/74-15	30	-C										10-1-1-5-6	-1	-1-4-3-4-3	-1																	3.10	
35-34	2367-108	5720-2-15	0-L	5609-07/11/74-16	33	-C										12-1-2-5-6	-1	-1-4-4-3-3	-1																	3.90	
35-34	2667-108	5361-2-96	0-L	5612-07/11/74-17	33	-C										10-1-2-5-7	-1	-1-4-4-3-3	-1																	3.50	
35-34	2658-108	5326-2-97	0-L	5613-07/11/74-17	33	-C										14-1-2-5-8	-1	-1-4-4-3-1	-1																	4.50	
35-34	2828-108	6200-2-15	0-L	5615-07/12/74-10	27	-C										14-1-9-4-9	-1	-2-4-3-4-1	-1																	4.80	
35-34	2908-108	6017-2-97	0-L	5616-07/12/74-10	27	-C										14-1-2-6-7	-1	-4-4-4-1-3	-1																	3.20	
35-34	2992-108	6055-2-97	0-L	5621-07/12/74-11	30	-C										1-6-5-6	-1	-4-2-2-2	-1																		1.50
35-34	1364-108	6902-2-97	0-L	5622-07/11/74-13	20	-C										1-6-5-6	-1	-1-3-2-2	-1																		1.80
35-34	1483-108	7267-2-15	0-L	5623-07/11/74-13	20	-C										4-1-6-5-6	-1	-1-4-2-2-2	-1																	1.80	
35-34	1719-108	7100-2-97	0-L	5626-07/11/74-14	27	-C										1-6-5-6	-1	-4-3-2-2	-1																		1.80
35-34	2117-108	6930-2-97	0-L	5627-07/11/74-15	20	-C										3-7-5-6	-1	-1-1-3-3-2	-1																		2.00
35-34	2122-108	6690-2-97	0-L	5628-07/11/74-15	20	-C										3-7-5-6	-1	-1-1-3-3-2	-1																		2.00
35-34	0641-108	6555-2-15	0-L	5631-07/11/74-16	24	-C										4-1-6-5-6	-1	-1-3-2-2	-1																		1.70
35-34	0717-108	7047-2-15	0-L	5632-07/11/74-16	24	-C										4-1-6-5-6	-1	-1-3-2-2	-1																		2.00
35-34	0733-108	6892-2-15	0-L	5633-07/11/74-16	25	-C										4-1-6-5-6	-1	-1-3-2-2	-1																		1.50
35-34	0131-108	6400-2-15	0-L	5635-07/11/74-17	25	-C										4-1-6-5-6	-1	-1-3-2-2	-1																		1.50
35-34	2376-108	6788-2-15	0-L	5636-07/12/74-10	27	-C										4-1-6-5-6	-1	-1-3-2-2	-1																		1.50
35-34	2203-108	6400-2-15	0-L	5637-07/12/74-11	27	-C										4-1-6-5-6	-1	-1-3-2-2	-1																		1.50
35-34	2158-108	6410-2-15	0-L	5638-07/12/74-11	27	-C										4-1-6-5-6	-1	-1-3-2-2	-1																		1.50
35-34	2086-108	6781-2-15	0-L	5639-07/12/74-11	20	-C										7-2-8-5-6	-1	-1-3-3-2-2	-1																		1.90
35-34	2150-108	7117-2-15	0-L	5640-07/12/74-11	20																																

APPENDIX C-IV (continued). Field Data and Uranium Concentrations for Sediment Samples-Saint Johns

[illegible]

APPENDIX C-IV (continued). Field Data and Uranium Concentrations for Sediment Samples-Saint Johns

DOE SAMPLE NUMBER										IAS, SAMPLE NUMBER AND FIELD DATA										CONCENTRATION, UG/G
STATE	LATITUDE		LONGITUDE		DOE LAB	SAMPLE TYPE	REF. DATE	IAS SAMPLE NUMBER	TIME SAMPLED	DATE	HOURS	DEPTH, M	WATER TEMPERATURE, °C	COMMENTS	DOE A MEAS. RESULT	PH	DOE B MEAS. RESULT	DOE C MEAS. RESULT	DOE D MEAS. RESULT	
35-34	4422-108	6250-2-15	0-L	6722-07/13/76-11	24	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.40
35-34	4450-108	6250-2-15	0-L	6722-07/13/76-12	24	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90
35-34	4478-108	6111-2-15	0-L	6722-07/13/76-13	24	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
35-34	4625-108	5792-2-15	0-L	6722-07/13/76-13	24	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.70
35-34	4672-108	5497-2-15	0-L	6722-07/13/76-14	24	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.00
35-34	4356-108	5054-2-15	0-L	6722-07/13/76-14	27	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.80
35-34	4142-108	5242-2-15	0-L	6722-07/13/76-15	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50
35-34	4781-108	5747-2-15	0-L	6730-07/13/76-15	30	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60
35-34	4992-108	9356-2-15	0-L	6730-07/13/76-11	24	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.10
35-34	4944-108	9407-2-14	0-L	6730-07/13/76-12	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.10
35-34	4522-108	8950-2-11	0-L	6730-07/13/76-13	30	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00
35-34	4508-108	8780-2-15	0-L	6730-07/13/76-13	30	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.70
35-34	4667-108	9942-2-15	0-L	6730-07/13/76-13	30	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20
35-34	4931-108	9722-2-15	0-L	6730-07/13/76-14	31	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20
35-34	4981-108	9700-2-15	0-L	6741-07/13/76-15	31	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90
35-34	4186-108	8810-2-15	0-L	6740-07/13/76-15	30	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
35-34	4406-108	8410-2-15	0-L	6740-07/13/76-14	31	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
35-34	4225-108	6711-2-15	0-L	6740-07/13/76-14	31	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30
35-34	4064-108	6731-2-15	0-L	6740-07/13/76-15	31	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30
35-34	4897-108	7280-2-15	0-L	6740-07/13/76-15	31	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.70
35-34	4506-108	6630-2-15	0-L	6751-07/13/76-15	31	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
35-34	4303-108	6911-2-15	0-L	6750-07/13/76-16	31	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50
35-34	4431-108	6945-2-15	0-L	6750-07/13/76-16	31	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50
35-34	4333-108	7222-2-15	0-L	6750-07/13/76-17	29	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40
35-34	4972-108	8776-2-15	0-L	6750-07/13/76-12	29	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
35-34	4131-108	9360-2-15	0-L	6760-07/13/76-13	30	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20
35-34	4031-108	9147-2-15	0-L	6760-07/13/76-14	31	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
35-34	4181-108	9194-2-15	0-L	6760-07/13/76-14	31	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30
35-34	4394-108	9110-2-15	0-L	6760-07/13/76-14	31	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30
35-34	4514-108	9344-2-15	0-L	6760-07/13/76-15	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00
35-34	4522-108	9399-2-15	0-L	6760-07/13/76-15	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00
35-34	4341-108	7110-2-15	0-L	6770-07/13/76-11	29	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.40
35-34	4856-108	6264-2-15	0-L	6770-07/13/76-12	30	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.80
35-34	4531-108	6339-2-15	0-L	6770-07/13/76-13	30	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50
35-34	4306-108	7104-2-15	0-L	6770-07/13/76-13	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20
35-34	4103-108	7411-2-11	0-L	6780-07/08/76-18	27	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.80
35-34	4900-108	7109-2-15	0-L	6780-07/08/76-20	27	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.90
35-34	4353-108	6641-2-15	0-L	6780-07/10/76-10	31	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40
35-34	4369-108	6648-2-15	0-L	6780-07/10/76-11	30	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.40
35-34	4700-108	6441-2-15	0-L	6790-07/10/76-15	30	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.30
35-34	4680-108	6643-2-15	0-L	6790-07/10/76-16	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.50
35-34	4400-108	7796-2-15	0-L	6790-07/08/76-9	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.40
35-34	4153-108	7028-2-15	0-L	6790-07/08/76-9	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50
35-34	4042-108	7622-2-15	0-L	6790-07/08/76-10	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.00
35-34	4717-108	7994-2-15	0-L	6800-07/08/76-11	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20
35-34	4472-108	8425-2-15	0-L	6800-07/08/76-11	20	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10
35-34	4272-108	8634-2-15	0-L	6800-07/08/76-12	30	-C-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10

[illegible]

APPENDIX C-IV (continued). Field Data and Uranium Concentrations for Sediment Samples-Saint Johns

[illegible]

APPENDIX C-IV (continued). Field Data and Uranium Concentrations for Sediment Samples-Saint Johns

DOE SAMPLE NUMBER					LAST SAMPLE NUMBER AND FIELD DATA															U CONCENTRATION SEDIMENT SAMPLES ANALYZED BY DETAILED NEUTRON COUNTING DNC UNITS IN PPM
STATE	LATITUDE	LONGITUDE	DOE LAB	SAMPLE TYPE	REPLICATE	LAS SAMPLE NUMBER	TIME SAMPLED		AIR TEMPERATURE	WATER TEMPERATURE	WIND DIRECTION	WIND SPEED	WAVE HEIGHT	WAVE PERIOD	WAVE DIRECTION	WAVE SLOPE	WAVE PERIOD	WAVE DIRECTION	WAVE SLOPE	
							DATE	HOUR												
34-34.4083-108.9492-2-15-	0-L	7046-07/15/76-12-	31-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.20
35-34.3761-109.0311-2-15-	0-L	7048-07/15/76-13-	3A-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00
35-34.4306-109.0214-2-97-	0-L	7051-07/15/76-14-	3B-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.90
35-34.4433-109.0742-2-11-	0-L	7053-07/15/76-15-	4A-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.20
35-34.4657-109.0731-2-15-	0-L	7055-07/15/76-16-	35-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00
35-34.4914-109.0125-2-15-	0-L	7058-07/15/76-17-	3A-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50
35-34.4914-108.9986-2-15-	0-L	7059-07/15/76-17-	3A-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.50
35-34.4625-108.9510-2-15-	0-L	7061-07/15/76-18-	34-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.70
35-34.4619-108.9461-2-15-	0-L	7062-07/15/76-18-	34-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.40
35-34.4981-108.9510-2-15-	0-L	7063-07/15/76-18-	33-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00
35-34.4936-108.9278-2-15-	0-L	7064-07/15/76-18-	33-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.10

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" in Appendix D-II which follows.

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 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	3 = Igneous
2 = Metamorphic	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	4 = Pink/Red	7 = Gray
2 = Yellow	5 = Green	8 = Black
3 = Orange	6 = Brown	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	4 = Sand	7 = Other
2 = Cobbles	5 = Mud	
3 = Gravel	6 = Muck	

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
----------------	-------------	-------------

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 ppb), or in the sediment sample (in ppm). Those uranium concentrations in water that are shown with an asterisk were measured using a delayed-neutron counting 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</u> / <u>MEDIUM</u> / <u>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 below. When (99) is used along without other key numbered samples at a sample location, this represents an other sediment dried at $\leq 100^{\circ}\text{C}$ and sieved to -100 mesh through stainless steel sieves.
- 99 - Other sediment

109°10'

109°00'

45'

4°00'

45'

30'

ARIZONA

NEW MEXICO

30'

15'

NTMS QUADRANGLE BOUNDARY

2

108°00'

15'

34°00'

ANGLE BOUNDARY

NTMS
QUADRANGLE
BOUNDARY

45'

30'

1

15'

33°00'

109°10'

NTMS QUADRANGLE BOUNDARY

109°00'

LEGEND

DRY POND SEDIMENT	DRY SPRING SEDIMENT	WET SPRING SEDIMENT	WET ARTIFICIAL POND SEDIMENT	WET NATURAL LAKE OR POND SEDIMENT	DRY STREAM SEDIMENT	WET STREAM SEDIMENT	TOTAL URANIUM (ppm)
•	+	◊	◄	▲	■	◻	≤ 4.55
○	+	◊	▽	△	⊠	◻	4.56 - 5.80
○	+	◊	▽	△	⊠	◻	5.81 - 7.05
○	+	◊	▽	△	⊠	◻	7.06 - 8.30
○	+	◊	▽	△	⊠	◻	8.31 - 9.55
○	+	◊	▽	△	⊠	◻	9.56 - 10.80
○	+	◊	▽	△	⊠	◻	10.81 - 12.05

URAN

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45'

30'

SCALE 1:250 000

0

5

10

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25 MILES

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25 KILOMETERS

CONCENTRATIONS (ppm) IN SEDIMENT

OVERLAY TO THE

EASTERN HALF OF CLIFTON
QUADRANGLE, ARIZONA ; NEW MEXICO

) IN SEDIMENTS

FTON

NEW MEXICO

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45

NTMS QUADRANGLE
BOUNDARY

ARIZONA

NEW MEXICO

45'

30'

35°00'

45

30'

3

QUADRANGLE BOUNDARY

SCALE 1:250 000

2 SAMPLE LOCATION OVERLAY FOR
EASTERN HALF OF SAINT JOHN
NTMS QUADRANGLE, ARIZONA; NEW M

ERLAY FOR THE
SAINT JOHNS
INA; NEW MEXICO

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35° 00'

109° 00'

45'

NTMS QUADRANGLE
BOUNDARY

ARIZONA

NEW MEXICO

45'

30'

1

48'

30'

15'

QUADRANGLE
BOUNDARY

2

PLATE

IV -A

15'

108°00'

35°00'

NTMS QUADRANGLE
BOUNDARY

45'

30'

LEGEND

WELL WATER	SPRING WATER	ARTIFICIAL POND WATER	NATURAL LAKE OR POND WATER	SURFACE STREAM WATER	TOTAL URANIUM (ppb)
○	◊	▽	△	◻	≤ 5.50
○	◊	▽	△	◻	5.51 - 8.00
○	◊	▽	△	◻	8.01 - 10.50
○	◊	▽	△	◻	10.51 - 13.00
○	◊	▽	△	◻	13.01 - 15.50
○	◊	▽	△	◻	15.51 - 18.00
○	◊	▽	△	◻	18.01 - 20.50
○	◊	▽	△	◻	≥ 20.50

URANIUM

NTMS

1

QUADRANGLE BOUNDARY

45'

30'

SCALE 1:250 000

0

5

10

15

20

25 MILES

5

0

5

10

15

20

25 KILOMETERS

M CONCENTRATIONS (ppb) IN WATER
OVERLAY TO THE
EASTERN HALF OF SAINT JOHNS
MS QUADRANGLE, ARIZONA; NEW MEXICO

IN WATERS

JOHNS

NEW MEXICO

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45'

30'

NTMS QUADRANGLE
BOUNDARY

2

NTMS QUADRANGLE
BOUNDARY

LEGEND

DRY SPRING SEDIMENT	DRY ARTIFICIAL POND	DRY POND SEDIMENT	WET SPRING SEDIMENT	WET ARTIFICIAL POND SEDIMENT	WET NATURAL LAKE OR POND SEDIMENT	DRY STREAM SEDIMENT	WET STREAM SEDIMENT	TOTAL URANIUM (ppm)
+	•	◦	◊	◄	▲	■	□	≤ 4.55
+	○	⊕	◇	▽	△	⊗	□	4.56 – 5.80
+	○	⊕	◇	▽	△	⊗	□	5.81 – 7.05
+	○	⊕	◇	▽	△	⊗	□	7.06 – 8.30
+	○	⊕	◇	▽	△	⊗	□	8.31 – 9.55
+	○	⊕	◇	▽	△	⊗	□	9.56 – 10.80
+	○	⊕	◇	▽	△	⊗	□	10.81 – 12.05
+	○	⊕	◇	▽	△	⊗	□	> 12.05

UR

1

NTMS QUADRANGLE BOUNDARY

45'

30'

SCALE 1:250 000

5

0

5

10

15

20

5

0

5

10

15

20

25

KILOMETERS

URANIUM CONCENTRATION (ppm) IN
OVERLAY TO THE
EASTERN HALF OF SAINT JOHN
NTMS QUADRANGLE, ARIZONA; NEW

) IN SEDIMENTS

JOHNS
NEW MEXICO

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2° 00'

109° 00'

45'

NTMS QUADRANGLE BOUNDARY

45'

ARIZONA

NEW MEXICO

30'

1

2

108°00'

15'

32°00'

45'

NTMS
QUADRANGLE
BOUNDARY

30'

15'

31° 00'

NTMS QU

109°00'

109°10'

LEGEND

WELL WATER	SPRING WATER	ARTIFICIAL POND WATER	NATURAL LAKE OR POND WATER	SURFACE STREAM WATER	TOTAL URANIUM (ppb)
•	•	•	•	•	≤ 5.50
○	◇	▽	△	□	5.51 - 8.00
○	◇	▽	△	□	8.01 - 10.50
○	◇	▽	△	□	10.51 - 13.00
○	◇	▽	△	□	13.01 - 15.50
○	◇	▽	△	□	15.51 - 18.00
○	◇	▽	△	□	18.01 - 20.50
○	◇	▽	△	□	> 20.50

1

REPUBLIC OF MEXICO

QUADRANGLE BOUNDARY

45'

30'

SCALE 1:250 000

5

0

5

10

15

20

5

0

5

10

15

20

25

KILOMETER

URANIUM CONCENTRATIONS (ppb)
OVERLAY TO THE
EASTERN HALF OF DOUGLAS
NTMS QUADRANGLE, ARIZONA; NEW

15'

31° 00'

108° 00'

20 25 MILES

25 KILOMETERS

bb) IN WATERS

E

DOUGLAS

NEW MEXICO

2°00'

109°00'

45'

NTMS QUADRANGLE BOUNDARY

ARIZONA
NEW MEXICO

45'

30'

45'

30'

PLATE I

108°00'

15'

32°00'

45'

30'

3

236

242
46
243

116

118

51

100
99

10

REPU

15'

NTMS QUADRANGLE BOUNDARY

1° 00'

109° 10'

109° 00'

45'

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SAMPLE LOCA

EASTERN

NTMS QUADRANG

1

242 116 117 136 251 257
 243 46 118 119 96 137 253 143
 121 97 94 141 142
 120 92 137 140
 100 99 132 135 134 135 141
 101 94 136 136

REPUBLIC OF MEXICO

2

DARY

45'

30'

SCALE 1:250 000

0 5 10 15 20 25 MILES

5 0 5 10 15 20 25 KILOMETERS

MAPLE LOCATION OVERLAY FOR THE
 EASTERN HALF OF DOUGLAS
 QUADRANGLE, ARIZONA, NEW MEXICO.

139

149

141

142

146

137

140

134

135

144

148

136

145

147

#

15'

31°00'

15'

108°00'

20

25 MILES

25 KILOMETERS

NEW MEXICO

FOR THE
GLAS

NEW MEXICO.

3

	110°	108°	106°	104°	102°
37°	SHIPROCK NJ 12-12	AZTEC NJ 13-10	RATON NJ 13-11	DALHART NJ 13-12	37°
36°	GALLUP NI 12-3	ALBUQUERQUE NI 13-1	SANTA FE NI 13-2	TUCUMCARI NI 13-3	36°
35°	ST JOHNS NI 12-6	SOCORRO NI 13-4	FORT SUMNER NI 13-5	CLOVIS NI 13-6	35°
34°	CLIFTON NI 12-9	TULAROSA NI 13-7	ROSWELL NI 13-8	BROWNFIELD NI 13-9	34°
33°	SILVER CITY NI 12-12	LAS CRUCES NI 13-10	CARLSBAD NI 13-11	HOBBS NI 13-12	33°
32°	DOUGLAS NH 12-3	EL PASO NH 13-1	VAN HORN NH 13-2	PECOS NH 13-3	32°
31°	110°	108°	106°	104°	102°

109°10'

109°00'

45'

34°00'

45'

30'

ARIZONA

NEW MEXICO

45'

30'

15'

NTMS QUADRANGLE BOUNDARY

2

PLATE III - A

108°00'

15'

34°00'

GLE BOUNDARY

NTMS
QUADRANGLE
BOUNDARY

45'

3

30'

15'

33°00'

109°10'

109°00'

NTMS QUADRANGLE BOUNDARY

LEGEND

5 0

5

WELL WATER	SPRING WATER	ARTIFICIAL POND WATER	NATURAL LAKE OR POND WATER	SURFACE STREAM WATER	TOTAL URANIUM (ppb)
◊	◊	◊	△	◻	≤ 5.50
○	◇	▽	△	◻	5.51 - 8.00
○	◇	▽	△	◻	8.01 - 10.50
○	◇	▽	△	◻	10.51 - 13.00
○	◇	▽	△	◻	13.01 - 15.50
○	◇	▽	△	◻	15.51 - 18.00
○	◇	▽	△	◻	18.01 - 20.50
○	◇	▽	△	◻	> 20.50

URANIUM

NTMS

E BOUNDARY

45'

30'

SCALE 1:250 000

URANIUM CONCENTRATIONS (ppb) IN
OVERLAY TO THE
EASTERN HALF OF CLIFTON
NTMS QUADRANGLE, ARIZONA; NEW

2

25 MILES
METERS

IN WATERS

ON
NEW MEXICO.

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109°10'

109°00'

45'

4°00'

45'

30'

NEW MEXICO

45'

30'

15'

NTMS QUADRANGLE BOUNDARY

2

108°00'

15'

34°00'

QUADRANGLE BOUNDARY

NTMS
QUADRANGLE
BOUNDARY

30'

3

20 25 MILES
25 KILOMETERS

FOR THE
LIFTON
NEW MEXICO

NEW MEXICO

110°	108°	106°	104°	102°
37°	SHROCK NJ 12-12	AZTEC NJ 13-10	RATON NJ 13-11	DALHART NJ 13-12
36°	GALLUP NI 12-3	ALBUQUERQUE NI 13-1	SANTA FE NI 13-2	TUCUMCARI NI 13-3
35°	ST JOHNS NI 12-6	SOCORRO NI 13-4	FORT SUMNER NI 13-5	CLOVIS NI 13-6
34°	CLIFTON NI 12-9	TULAROSA NI 13-7	ROSWELL NI 13-8	BROWNFIELD NI 13-9
33°	SILVER CITY NI 12-12	LAS CRUCES NI 13-10	CARLSBAD NI 13-11	HOBBS NI 13-12
32°	DOUGLAS NH 12-3	EL PASO NH 13-1	VAN HORN NH 13-2	PECOS NH 13-3
31°	110°	108°	106°	104°

108°30'

32°35'

108°25'

32°30'

1

105°20'

108°15'

109°10'

2

109°00'

45'

NTMS QUADRANGLE BOUNDARY

3

48'

30'

18'

UNDARY

PLATE II - B

108°00'

15'

33°00'

NTMS
QUADRANGLE
BOUNDARY

45'

30'

5

32°19'
108°30'

108°25'

ENLARGEMENT

LEGEND

DRY POND SEDIMENT	DRY SPRING SEDIMENT	WET SPRING SEDIMENT	WET ARTIFICIAL POND SEDIMENT	WET NATURAL LAKE OR POND SEDIMENT	DRY STREAM SEDIMENT	WET STREAM SEDIMENT	TOTAL URANIUM (ppm)
°	+	°	+	△	■	■	≤ 4.55
○	+	◇	▽	△	⊠	□	4.56 — 5.80
○	+	◇	▽	△	⊠	□	5.81 — 7.05
○	+	◇	▽	△	⊠	□	7.06 — 8.30
○	+	◇	▽	△	⊠	□	8.31 — 9.55
○	+	◇	▽	△	⊠	□	9.56 — 10.80
○	+	◇	▽	△	⊠	□	10.81 — 12.05
○	+	◇	▽	△	⊠	□	>12.05

THIS LEGEND
CHANGE IN S
BOTH THE 1:
AND THE 1:6

SCALE 1:62 500

108°20'

108°15'

1 2 3 4 MILES

1 2 3 4 KILOMETERS

T OF INSET AT RIGHT

GENERAL APPLIES WITH NO
IN SYMBOL SIZES TO
E 1:250 000 OVERLAY
1:62 500 ENLARGEMENT.

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ARIZONA
NEW MEXICO

108°15'

109°10'

109°00'

NTMS QUADRA

URANIUM CON

EAST

NTMS QU

3

INSET

NTMS QUADRANGLE BOUNDARY

SCALE 1:250 000

4 ANIUM CONCENTRATIONS (ppm) IN
OVERLAY TO THE
EASTERN HALF OF SILVER CITY
NTMS QUADRANGLE, NEW MEXICO; AR

INSET

pm) IN SEDIMENTS
HE
VER CITY
EXICO; ARIZONA

5

108°30'

108°25'

32°35'

32°30'

1

108°20'

108°15'

0

7

108°15'

109°10'

109°00'

48'

NTMS QUADRANGLE BOUNDARY

3

45°

30°

15°

DARY

4

PLATE II - A

108°00'

33°00'

18'

45'

NTMS
QUADRANGLE
BOUNDARY

30'

5

PLATE II - A

108°00'

33°00'

15'

45'

NTMS
QUADRANGLE
BOUNDARY

30'

5

32°3'

108°30'

108°25'

SCALE 1:62 500

ENLARGEMENT OF

LEGEND

WELL WATER	SPRING WATER	ARTIFICIAL POND WATER	NATURAL LAKE OR POND WATER	SURFACE STREAM WATER	TOTAL URANIUM (ppb)
•	•	▼	▲	◦	≤ 5.50
○	◇	▽	△	□	5.51 - 8.00
○	◇	▽	△	□	8.01 - 10.50
○	◇	▽	△	□	10.51 - 13.00
○	◇	▽	△	□	13.01 - 15.50
○	◇	▽	△	□	15.51 - 18.00
○	◇	▽	△	□	18.01 - 20.50

THIS LEGEND APPLIES WITH NO CHANGE IN SYMBOL SIZES TO BOTH THE 1:250 000 OVERLAY AND THE 1:62 500 ENLARGEMENT.

SCALE 1:62 500

108°20'

MENT OF INSET AT RIGHT

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00 ENLARGEMENT.

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2

ARIZONA

NEW MEXICO

108°15'

109°10'

108°00'

NTMS QUADRANGLE

URANIUM CO

EAST

NTMS QU

NTMS QUADRANGLE BOUNDARY

SCALE 1:250 000

URANIUM CONCENTRATIONS (ppb) IN
OVERLAY TO THE
EASTERN HALF OF SILVER CITY
NTMS QUADRANGLE, NEW MEXICO;

INSET

20 25 MILES

25 KILOMETERS

ppb) IN WATERS

HE

VER CITY

MEXICO; ARIZONA

5

108°30'

108°25'

32°35'

32°30'

2666
2670 2667
2669 2642 2668

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2663 266

2641

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2601

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26120
26119

2670

26115
26116

26117

26115

26117

1

108°20'

108°15'

109°10'

9°10'

109°00'

45'

NTMS QUADRANGLE BOUNDARY

3

30'

15'

PLATE II

25'

2115

2311

2710

2309

2316

2317
2315

2310

2312

2313

2711

2308

2318

2713

2711

2314

2714

2307

2527

2526

2308

19'

108°30'

108°25'

SCALE 1:62500

ENLARGEMENT OF

1

SCALE 1:62500

108°20'

108°15'

OF INSET AT RIGHT

109°1
NEW

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110°	108°	
37°	SHIPROCK NJ 12-12	AZTEC NJ 13-10
36°	GALLUP NI 12-3	ALBUQUERQUE NI 13-1
35°	ST JOHNS NI 12-6	SOCORRO NI 13-4
34°	CLIFTON NI 12-9	TULARA NI 13-7
33°	SILVER CITY NI 12-12	LAS CRUCES NI 13-
32°	DOUGLAS NH 12-3	EL PASO NH 13-
31°

NEW MEXICO

NTMS QUADRANGLE BOUNDARY

45

SCALE

MEXICO

RATON NJ 13-11	DALHART NJ 13-12
SANTA FE NI 13-2	TUCUMCARI NI 13-3
FT SUMNER NI 13-5	CLOVIS NI 13-6
ROSWELL NI 13-8	BROWNFIELD NI 13-9
CARLSBAD NI 13-11	HOBBS NI 13-12
VAN HORN NH 13-2	PECOS NH 13-3

SAMPLE LOCATION
EASTERN HALL
S QUADRANGLE,

3

LOCATION OVERLAY FOR THE
TERN HALF OF SILVER CITY
DRANGLE, NEW MEXICO; ARIZONA

4

109°10'

109°00'

45'

32°00'

NTMS QUADRANGLE BOUNDARY

45'

ARIZONA

NEW MEXICO

30'

1

45'

30'

RY

2

PLATE 1 - B

108°00'

32°00'

15'

45'

30'

NTMS
QUADRANGLE
BOUNDARY

3

15'

31°00'

NTMS QUADRA

109°00'

109°10'

LEGEND

DRY POND SEDIMENT	DRY SPRING SEDIMENT	WET SPRING SEDIMENT	WET ARTIFICIAL POND SEDIMENT	WET NATURAL LAKE OR POND SEDIMENT	DRY STREAM SEDIMENT	WET STREAM SEDIMENT	TOTAL URANIUM (ppm)
◦	+	◊	▽	△	⊠	◻	≤ 4.55
○	+	◊	▽	△	⊠	◻	4.56 - 5.80
○	+	◊	▽	△	⊠	◻	5.81 - 7.05
○	+	◊	▽	△	⊠	◻	7.06 - 8.30
○	+	◊	▽	△	⊠	◻	8.31 - 9.55
○	+	◊	▽	△	⊠	◻	9.56 - 10.80
○	+	◊	▽	△	⊠	◻	10.81 - 12.05
○	+	◊	▽	△	⊠	◻	> 12.05

URA

REPUBLIC OF MEXICO

QUADRANGLE BOUNDARY

45'

30'

SCALE 1:250 000

URANIUM CONCENTRATIONS (ppm) IN
OVERLAY TO THE
EASTERN HALF OF DOUGLAS
NTMS QUADRANGLE, ARIZONA; NEW

2

n) IN SEDIMENTS

UGLAS

; NEW MEXICO

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