Appendix B

Results for 20 Long-Term Soil Sampling Locations

Appendix B

Results for 20 Long-Term Soil Sampling Locations

Listed in this Appendix are the 20 long-term soil sampling locations and two supplemental locations discussed in Section 3.0, "Sampling Locations." The results shown for each location represent all of the data in the PNNL computer data base for Sr-90, Cs-137, Pu, Pu-238, and Pu-239,240 for the years 1971 through 1994 (the last year of sampling). The numbers under the column "Depth inches" mean the following:

0 1 or surface layer to 1 inch depth
1 2 or subsurface layer 1 inch to 2 inch depth
2 4 or subsurface layer 2 inch to 4 inch depth
4 8 or subsurface layer 4 inch to 8 inch depth
8 12 or subsurface layer 8 inch to 12 inch depth.

Onsite Sampling Locations

Location Name

- Wahluke Slope No. 2
- Yakima Barricade
- E of 200-W Area
- 200 ENC
- 200 ESE
- Hanford Townsite
- SE FFTF
- NE FFTF
- FFTF CP 62
- Wye Barricade
- Prosser Barricade
- ALE
- ERC

Offsite Sampling Locations

Location Name

- Benton City
- Sunnyside
- Harris Farm
- Byers Landing
- Sagemore
- Fir Road
- Taylor Flats No. 2
- Ringold
- Berg Ranch

Table B.1. Onsite Sampling Locations

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
WAHLUKE	1	2	09/29/71	SR-90	0.092	0	
SLOPE NO. 2	0	1	09/29/71	SR-90	0.183	0	
	1	2	10/25/72	SR-90	0.131	0	
	0	1	10/25/72	SR-90	0.295	0	
	0	1	10/25/73	SR-90	0.374	0.0054	
	0	1	09/23/74	SR-90	0.0154	0	
	0	1	08/19/75	SR-90	0.1	0	
	0	1	08/09/76	SR-90	0.0309	0	
	0	1	06/14/77	SR-90	0.0167	0.0034	
	0	1	08/09/78	SR-90	0.0114	0.0034	
	0	1	09/13/79	SR-90	0.0958	0.0067	
	0	1	08/06/80	SR-90	0.309	0.014	
	0	1	08/11/81	SR-90	0.0889	0.0022	
	0	1	08/30/82	SR-90	0.0992	0.0349	
	0	1	08/26/83	SR-90	0.646	0.0232	
	0	1	05/31/84	SR-90	0.161	0.017	0.0355
	0	1	06/12/85	SR-90	0.207	0.0227	0.0464
	0	1	05/02/86	SR-90	0.0983	0.00656	0.0205
	0	1	05/26/87	SR-90	0.0747	0.0101	0.0216
	0	1	06/10/88	SR-90	0.093	0.00681	0.0185
	0	1	05/05/89	SR-90	0.0658	0.00552	0.0144
	0	1	10/03/90	SR-90	0.0628	0.00766	0.0139
	0	1	06/09/93	SR-90	0.0507	0.00624	0.0117
	1	2	09/29/71	CS-137	0.256	0	
	0	1	09/29/71	CS-137	0.468	0	
	1	2	10/25/72	CS-137	0.158	0	
	0	1	10/25/72	CS-137	0.724	0	
	0	1	10/25/73	CS-137	1.01	0	
	0	1	09/23/74	CS-137	0.229	0	
	0	1	08/19/75	CS-137	0.313	0	
	0	1	08/09/76	CS-137	0.288	0	
	0	1	06/14/77	CS-137	0.177	0.043	
	0	1	08/09/78	CS-137	0.327	0.055	
	0	1	09/13/79	CS-137	0.463	0.064	
	0	1	08/06/80	CS-137	0.349	0.052	
	0	1	08/11/81	CS-137	0.101	0.018	
	0	1	03/30/82	CS-137	0.342	0.0687	
	0	1	08/26/83	CS-137	0.252	0.0291	
	0	1	05/31/84	CS-137	0.288	0.0284	0.0332
	0	1	06/12/85	CS-137	0.474	0.0472	0.0551
	0	1	05/02/86	CS-137	0.303	0.033	0.0448
	0	1	05/26/87	CS-137	0.159	0.0316	0.0353
	0	1	06/10/88	CS-137	0.222	0.0334	0.0401
	0	1	05/05/89	CS-137	0.25	0.0304	0.0394
	0	1	10/03/90	CS-137	0.224	0.029	0.0366
	0	1	06/09/93	CS-137	0.201	0.0265	0.0333
	1	2	09/29/71	PU-238	0.003	0	
	0	1	09/29/71	PU-238	0.004	0	
	0	1	10/25/72	PU-238	0	0	
	1	2	10/25/72	PU-238	0.00627	0	
	0	1	10/25/73	PU-238	0.00121	0.003	
	0	1	09/23/74	PU-238	0.000384	0	
	0	1	08/19/75	PU-238	0.000547	0	
	0	1	08/09/76	PU-238	0.00636	0	
	0	1	06/14/77	PU-238	0.00109	0.0011	
	0	1	08/09/78	PU-238	-0.000499	0.0018	
	0	1	09/13/79	PU-238	0.000112	0.00097	
	0	1	08/06/80	PU-238	0.000679	0.00084	
	0	1	08/11/81	PU-238	-0.000616	0.00027	
	0	1	08/30/82	PU-238	-0.000356	0.000826	
	0	1	08/26/83	PU-238	0.00122	0.000835	
	0	1	05/31/84	PU-238	0.000338	0.000676	0.00068
	0	1	06/12/85	PU-238	0.000317	0.000368	0.00037
	0	1	05/02/86	PU-238	0	0.000222	0.000222
	0	1	05/26/87	PU-238	0.0000473	0.000141	0.000149
	0	1	06/10/88	PU-238	0.000109	0.000153	0.000155
	0	1	05/05/89	PU-238	0.000129	0.000154	0.000155
	0	1	10/03/90	PU-238	0.000593	0.000358	0.000364
	0	1	06/09/93	PU-238	0.000147	0.000163	0.000165
	1	2	09/29/71	PU-239,240	0.004	0	
	0	1	09/29/71	PU-239,240	0.004	0	
	1	2	10/25/72	PU-239,240	0.003	0	
	0	1	10/25/72	PU-239,240	0.01	0	
	0	1	10/25/73	PU-239,240	0.0231	0	
	0	1	09/23/74	PU-239,240	0.0134	0	
	0	1	08/19/75	PU-239,240	0.00414	0	
	0	1	08/09/76	PU-239,240	0.01	0	
	0	1	06/14/77	PU-239,240	0.00335	0.0015	
	0	1	08/09/78	PU-239,240	0.00458	0.003	
	0	1	09/13/79	PU-239,240	0.00596	0.0022	
	0	1	08/06/80	PU-239,240	0.00632	0.0016	
	0	1	08/11/81	PU-239,240	0.00367	0.00076	
	0	1	08/30/82	PU-239,240	0.00603	0.0023	
	0	1	08/26/83	PU-239,240	0.00956	0.00222	

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
WAHLUKE	0	1	05/31/84	PU-239,240	0.0061	0.00287	0.00316
SLOPE NO. 2	0	1	06/12/85	PU-239,240	0.0087	0.00146	0.00176
(contd)	0	1	05/02/86	PU-239,240	0.0055	0.000949	0.00112
	0	1	05/26/87	PU-239,240	0.0029	0.000758	0.000827
	0	1	06/10/88	PU-239,240	0.0067	0.000923	0.00116
	0	1	05/05/89	PU-239,240	0.0053	0.000784	0.000952
	0	1	10/03/90	PU-239,240	0.0071	0.00098	0.00123
	0	1	06/09/93	PU-239,240	0.004	0.000813	0.000923
	1	2	09/29/71	PU	0.0035	0	
	0	1	09/29/71	PU	0.0045	0	
	1	2	10/25/72	PU	0.0028	0	
	0	1	10/25/72	PU	0.01	0	
YAKIMA	0	1	09/29/71	SR-90	0.159	0	
BARRICADE	1	2	09/29/71	SR-90	0.159	0	
	1	2	10/25/72	SR-90	0.107	0	
	0	1	10/25/72	SR-90	0.117	0	
	0	1	10/25/73	SR-90	0.166	0.0038	
	0	1	09/23/74	SR-90	0.0131	0	
	0	1	08/19/75	SR-90	0.121	0	
	0	1	08/10/76	SR-90	0.152	0	
	0	1	06/14/77	SR-90	0.013	0.0034	
	0	1	08/08/78	SR-90	0.0095	0.003	
	0	1	09/11/79	SR-90	0.229	0.012	
	0	1	08/04/80	SR-90	0.016	0.007	
	0	1	08/11/81	SR-90	0.223	0.023	
	0	1	08/17/82	SR-90	0.0904	0.00337	
	0	1	08/11/83	SR-90	0.591	0.0226	
	0	1	05/24/84	SR-90	0.134	0.0173	0.0312
	0	1	06/06/85	SR-90	0.537	0.0293	0.109
	0	1	05/07/87	SR-90	0.0639	0.0121	0.0209
	0	1	05/25/88	SR-90	0.0687	0.00617	0.0146
	0	1	05/05/89	SR-90	0.129	0.00826	0.0268
	0	1	07/31/91	SR-90	0.143	0.0121	0.0278
	0	1	06/09/93	SR-90	0.0954	0.0157	0.0239
	0	1	09/29/71	CS-137	0.174	0	
	1	2	09/30/71	CS-137	0	0	
	0	1	10/25/72	CS-137	0.258	0	
	1	2	10/25/72	CS-137	0.357	0	
	0	1	10/25/73	CS-137	0.586	0	
	0	1	09/23/74	CS-137	0.11	0	
	0	1	08/19/75	CS-137	0.095	0	
	0	1	08/10/76	CS-137	0.392	0	
	0	1	06/14/77	CS-137	0.616	0.073	
	0	1	08/08/78	CS-137	0.272	0.051	
	0	1	09/11/79	CS-137	0.817	0.083	
	0	1	08/04/80	CS-137	0.773	0.074	
	0	1	08/11/81	CS-137	0.314	0.027	
	0	1	08/17/82	CS-137	0.415	0.0362	
	0	1	08/11/83	CS-137	0.697	0.0535	
	0	1	05/24/84	CS-137	0.102	0.0275	
	0	1	06/06/85	CS-137	1.07	0.0661	0.092
	0	1	05/07/87	CS-137	0.0806	0.0203	0.0219
	0	1	05/25/88	CS-137	0.0784	0.0225	0.0238
	0	1	05/05/89	CS-137	0.539	0.0392	0.0666
	0	1	07/31/91	CS-137	0.362	0.0329	0.0489
	0	1	06/09/93	CS-137	0.3	0.027	0.0404
	1	2	09/29/71	PU-238	0.003	0	
	0	1	09/29/71	PU-238	0.004	0	
	1	2	10/25/72	PU-238	0	0	
	0	1	10/25/72	PU-238	0.0033	0	
	0	1	10/25/73	PU-238	0.0012	0.003	
	0	1	09/23/74	PU-238	0.0007	0	
	0	1	08/19/75	PU-238	0.0002	0	
	0	1	08/10/76	PU-238	0.0008	0	
	0	1	06/14/77	PU-238	0.0045	0.0027	
	0	1	08/08/78	PU-238	-0.0009	0.0022	
	0	1	09/11/79	PU-238	-0.0009	0.00055	
	0	1	08/04/80	PU-238	0.0036	0.0013	
	0	1	08/11/81	PU-238	0.0094	0.0017	
	0	1	08/17/82	PU-238	-2E-05	0.000469	
	0	1	08/11/83	PU-238	0.0021	0.000782	
	0	1	05/24/84	PU-238	-7E-05	0.00014	0.00014
	0	1	06/06/85	PU-238	0.0003	0.000197	0.000199
	0	1	05/07/87	PU-238	3E-05	0.000092	0.000104
	0	1	05/25/88	PU-238	0.0002	0.000153	0.000155
	0	1	05/05/89	PU-238	0.0003	0.000198	0.000201
	0	1	07/31/91	PU-238	0.0002	0.000193	0.000197
	0	1	06/09/93	PU-238	0.0003	0.000229	0.000231
	1	2	09/29/71	PU-239,240	0.003	0	
	0	1	09/29/71	PU-239,240	0.005	0	
	1	2	10/25/72	PU-239,240	0.005	0	
	0	1	10/25/72	PU-239,240	0.009	0	
	0	1	10/25/73	PU-239,240	0.0122	0	

Table B.1. (contd)

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
YAKIMA BARRICADE (contd)	0	1	09/23/74	PU-239,240	0.00344	0	
	0	1	08/19/75	PU-239,240	0.0048	0	
	0	1	08/10/76	PU-239,240	0.00572	0	
	0	1	06/14/77	PU-239,240	0.00827	0.0033	
	0	1	08/08/78	PU-239,240	0.0196	0.0066	
	0	1	09/11/79	PU-239,240	0.0045	0.002	
	0	1	08/04/80	PU-239,240	0.017	0.0026	
	0	1	08/11/81	PU-239,240	0.0177	0.0022	
	0	1	08/17/82	PU-239,240	0.0106	0.00148	
	0	1	08/11/83	PU-239,240	0.0141	0.00204	
	0	1	05/24/84	PU-239,240	0.00157	0.00105	0.00108
	0	1	06/06/85	PU-239,240	0.0215	0.00154	0.00252
	0	1	05/07/87	PU-239,240	0.00151	0.000404	0.000434
	0	1	05/25/88	PU-239,240	0.00271	0.000612	0.000677
	0	1	05/05/89	PU-239,240	0.0114	0.00114	0.00163
	0	1	07/31/91	PU-239,240	0.00502	0.000938	0.00106
	0	1	06/09/93	PU-239,240	0.00918	0.00108	0.00144
	1	2	09/29/71	PU	0.003	0	
	0	1	09/29/71	PU	0.009	0	
	0	1	10/25/72	PU	0.00475	0	
	1	2	10/25/72	PU	0.00546	0	
E OF 200 W AREA	0	1	08/18/75	SR-90	0.293	0	
	0	1	08/11/76	SR-90	0.254	0	
	0	1	06/14/77	SR-90	0.153	0.0072	
	0	1	08/09/78	SR-90	0.0132	0.0032	
	0	1	09/11/79	SR-90	1.11	0.018	
	0	1	08/04/80	SR-90	0.825	0.0095	
	0	1	08/10/81	SR-90	0.481	0.027	
	0	1	08/30/82	SR-90	0.477	0.105	
	0	1	08/12/83	SR-90	2.56	0.048	
	0	1	05/15/84	SR-90	0.334	0.0222	0.108
	0	1	05/31/85	SR-90	0.605	0.0387	0.124
	0	1	05/01/86	SR-90	0.561	0.0143	0.103
	0	1	05/07/87	SR-90	0.38	0.0199	0.0997
	0	1	03/31/88	SR-90	0.82	0.0192	0.205
	0	1	04/05/88	SR-90	0.606	0.0215	0.112
	0	1	05/03/89	SR-90	0.495	0.0169	0.0964
	0	1	10/04/90	SR-90	2.7	0.0714	0.488
	0	1	03/13/91	SR-90	0.374	0.0176	0.0712
	0	1	06/03/93	SR-90	0.577	0.0187	0.106
	0	1	08/24/94	SR-90	0.0779	0.00747	0.0164
	0	1	08/18/75	CS-137	3.01	0	
	0	1	08/11/76	CS-137	0.907	0	
	0	1	06/14/77	CS-137	0.971	0.09	
	0	1	08/09/78	CS-137	4.2	0.18	
	0	1	09/11/79	CS-137	3.84	0.17	
	0	1	08/04/80	CS-137	4.78	0.18	
	0	1	08/10/81	CS-137	2.53	0.075	
	0	1	08/30/82	CS-137	3.21	0.101	
	0	1	08/12/83	CS-137	5.66	0.152	
	0	1	05/15/84	CS-137	0.585	0.0413	0.0542
	0	1	05/31/85	CS-137	1.97	0.0693	0.137
	0	1	05/01/86	CS-137	3.08	0.0907	0.321
	0	1	05/07/87	CS-137	1.3	0.0536	0.141
	0	1	03/31/88	CS-137	4.73	0.0857	0.481
	0	1	04/05/88	CS-137	6.06	0.115	0.617
	0	1	05/03/89	CS-137	2.98	0.0846	0.309
	0	1	10/04/90	CS-137	3.86	0.105	0.4
	0	1	08/13/91	CS-137	1.6	0.0647	0.173
	0	1	06/03/93	CS-137	1.47	0.0447	0.154
	0	1	08/24/94	CS-137	0.937	0.0688	0.116
	0	1	08/18/75	PU-238	0.00514	0	
	0	1	08/11/76	PU-238	0.002	0	
	0	1	06/14/77	PU-238	0.00865	0.0045	
	0	1	08/09/78	PU-238	0.00613	0.0024	
	0	1	09/11/79	PU-238	0.00735	0.0022	
	0	1	08/04/80	PU-238	0.00979	0.0021	
	0	1	08/10/81	PU-238	0.0046	0.00091	
	0	1	08/30/82	PU-238	0.00819	0.00181	
	0	1	08/12/83	PU-238	0.00913	0.00286	
	0	1	05/15/84	PU-238	0.0014	0.000572	0.000587
	0	1	05/31/85	PU-238	0.00574	0.000914	0.00107
	0	1	05/01/86	PU-238	0.00527	0.000757	0.000924
	0	1	05/07/87	PU-238	0.00211	0.000486	0.000536
	0	1	03/31/88	PU-238	0.00926	0.000999	0.00137
	0	1	04/05/88	PU-238	0.0106	0.000961	0.00142
	0	1	05/03/89	PU-238	0.00541	0.00103	0.0012
	0	1	10/04/90	PU-238	0.0396	0.00308	0.00566
	0	1	08/13/91	PU-238	0.00307	0.000568	0.000647
	0	1	06/03/93	PU-238	0.00386	0.000633	0.000742
	0	1	08/24/94	PU-238	0.00329	0.00125	0.00152
	0	1	08/18/75	PU-239,240	0.306	0	
	0	1	08/11/76	PU-239,240	0.0757	0	

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
E OF 200 W AREA (contd)	0	1	0614/77	PU-239,240	0.165	0.017	
	0	1	08/09/78	PU-239,240	0.561	0.02	
	0	1	09/11/79	PU-239,240	0.833	0.022	
	0	1	08/04/80	PU-239,240	0.63	0.016	
	0	1	08/10/81	PU-239,240	0.42	0.0075	
	0	1	08/30/82	PU-239,240	0.778	0.0165	
	0	1	08/12/83	PU-239,240	0.831	0.0272	
	0	1	05/15/84	PU-239,240	0.0737	0.00415	0.00805
	0	1	05/31/85	PU-239,240	0.327	0.00686	0.0329
	0	1	05/01/86	PU-239,240	0.337	0.00605	0.0345
	0	1	05/07/87	PU-239,240	0.17	0.0043	0.0178
	0	1	03/31/88	PU-239,240	0.64	0.00828	0.0651
	0	1	04/05/88	PU-239,240	0.707	0.00782	0.0695
	0	1	05/03/89	PU-239,240	0.53	0.01	0.0608
	0	1	10/04/90	PU-239,240	0.656	0.0125	0.0797
	0	1	08/13/91	PU-239,240	0.286	0.00546	0.0292
	0	1	06/03/93	PU-239,240	0.283	0.00537	0.0288
	0	1	08/24/94	PU-239,240	0.391	0.00821	0.379
200 ENC	0	1	06/14/77	SR-90	0.0023	0.015	
	0	1	08/10/78	SR-90	0.698	0.017	
	0	1	09/11/79	SR-90	0.954	0.015	
	0	1	08/05/80	SR-90	0.695	0.057	
	0	1	08/10/81	SR-90	0.452	0.023	
	0	1	08/10/81	SR-90	0.63	0.0063	
	0	1	08/30/82	SR-90	0.931	0.128	
	0	1	08/12/83	SR-90	2.72	0.0466	
	0	1	05/17/84	SR-90	0.196	0.194	0.0392
	0	1	05/31/85	SR-90	1.18	0.0275	0.23
	0	1	04/30/86	SR-90	0.614	0.0143	0.112
	0	1	05/07/87	SR-90	1.13	0.0406	0.292
	0	1	03/22/88	SR-90	0.774	0.0234	0.194
	0	1	05/02/89	SR-90	0.576	0.0493	0.123
	0	1	08/13/91	SR-90	0.409	0.0129	0.1
	0	1	06/03/93	SR-90	0.538	0.0176	0.0995
	0	1	08/15/94	SR-90	0.703	0.0289	0.125
	0	1	06/14/77	CS-137	28.6	0.48	
	0	1	08/10/78	CS-137	1.64	0.12	
	0	1	09/11/79	CS-137	35.2	0.5	
	0	1	08/05/80	CS-137	27.5	0.44	
	0	1	08/10/81	CS-137	12.4	0.16	
	0	1	08/10/81	CS-137	18.1	0.16	
	0	1	08/30/82	CS-137	22.4	0.373	
	0	1	08/12/83	CS-137	28.1	0.328	
	0	1	05/17/84	CS-137	21.2	0.233	1.3
	0	1	05/31/85	CS-137	22.8	0.229	1.39
	0	1	04/30/86	CS-137	9.57	0.146	0.968
	0	1	05/07/87	CS-137	16	0.191	1.61
	0	1	03/22/88	CS-137	26.1	0.261	2.62
	0	1	05/02/89	CS-137	17.9	0.209	1.8
	0	1	08/13/91	CS-137	0.295	0.0295	0.0417
	0	1	06/03/93	CS-137	10.9	0.127	1.1
	0	1	08/15/94	CS-137	12.3	0.245	1.25
	0	1	06/14/77	PU-238	0.0092	0.0032	
	0	1	08/10/78	PU-238	0.0012	0.0023	
	0	1	09/11/79	PU-238	0.0014	0.0012	
	0	1	08/05/80	PU-238	0.0017	0.0006	
	0	1	08/10/81	PU-238	0.0003	0.00056	
	0	1	08/10/81	PU-238	0.0308	0.0021	
	0	1	08/30/82	PU-238	0.0013	0.00176	
	0	1	08/12/83	PU-238	0.0013	0.00103	
	0	1	05/17/84	PU-238	0.0006	0.000607	0.000614
	0	1	05/31/85	PU-238	0.0012	0.000373	0.000388
	0	1	04/30/86	PU-238	0.0004	0.000259	0.000263
	0	1	05/07/87	PU-238	0.0004	0.000268	0.000278
	0	1	03/22/88	PU-238	0.0017	0.000559	0.000591
	0	1	05/02/89	PU-238	0.0007	0.000454	0.000463
	0	1	03/13/91	PU-238	0.0004	0.000232	0.000237
	0	1	06/03/93	PU-238	0.0005	0.00022	0.000226
	0	1	08/15/94	PU-238	0.0006	0.000274	0.000281
	0	1	06/14/77	PU-239,240	0.0245	0.005	
	0	1	08/10/78	PU-239,240	0.0135	0.0046	
	0	1	09/11/79	PU-239,240	0.0563	0.0055	
	0	1	08/05/80	PU-239,240	0.0261	0.0019	
	0	1	08/10/81	PU-239,240	0.0236	0.0022	
	0	1	08/10/81	PU-239,240	0.0421	0.0024	
	0	1	08/30/82	PU-239,240	0.0588	0.00858	
	0	1	08/12/83	PU-239,240	0.0511	0.00653	
	0	1	05/17/84	PU-239,240	0.0326	0.00444	0.00669
	0	1	05/31/85	PU-239,240	0.0297	0.00188	0.00337
	0	1	04/30/86	PU-239,240	0.0146	0.00151	0.00218
	0	1	05/07/87	PU-239,240	0.0309	0.00214	0.00396
	0	1	03/22/88	PU-239,240	0.0656	0.00345	0.00808
	0	1	05/02/89	PU-239,240	0.0314	0.00285	0.00478

Table B.1. (contd)

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
200 ENC (contd)	0	1	08/13/91	PU-239,240	0.017	0.0014	0.00223
	0	1	06/03/93	PU-239,240	0.0201	0.00139	0.00243
	0	1	08/15/94	PU-239,240	0.0243	0.00177	0.0031
200 ESE	1	2	09/30/71	SR-90	0.122	0	
	0	1	09/30/71	SR-90	0.757	0	
	1	2	10/25/72	SR-90	0.299	0	
	0	1	10/25/72	SR-90	0.707	0	
	4	8	10/25/73	SR-90	0.00923	0.0023	
	8	12	10/25/73	SR-90	0.0137	0.0023	
	2	4	10/25/73	SR-90	0.186	0.0041	
	1	2	10/25/73	SR-90	0.218	0.0036	
	0	1	10/25/73	SR-90	0.469	0.0054	
	0	1	09/24/74	SR-90	0.101	0	
	0	1	08/18/75	SR-90	0.349	0	
	0	1	08/18/75	SR-90	0.437	0	
	0	1	08/18/75	SR-90	0.45	0	
	0	1	08/18/75	SR-90	0.561	0	
	0	1	08/18/75	SR-90	0.733	0	
	0	1	08/11/76	SR-90	0.182	0	
	0	1	06/14/77	SR-90	0.0613	0.0047	
	0	1	08/10/78	SR-90	0.0591	0.0045	
	0	1	09/11/79	SR-90	0.264	0.009	
	0	1	08/05/80	SR-90	0.29	0.023	
	0	1	08/10/81	SR-90	0.18	0.0067	
	0	1	08/30/82	SR-90	0.294	0.0482	
	0	1	08/12/83	SR-90	1.28	0.0283	
	0	1	05/15/84	SR-90	0.436	0.0575	0.095
	0	1	06/12/85	SR-90	0.197	0.0184	0.0423
	0	1	04/29/86	SR-90	0.27	0.00941	0.0492
	0	1	05/07/87	SR-90	0.238	0.0177	0.0641
	0	1	03/22/88	SR-90	0.589	0.021	0.148
	0	1	05/02/89	SR-90	0.125	0.00749	0.0244
	0	1	07/31/91	SR-90	0.173	0.0142	0.0353
	0	1	06/03/93	SR-90	0.17	0.0102	0.0336
	0	1	08/15/94	SR-90	0.183	0.0169	0.0367
	1	2	09/30/71	CS-137	0.107	0	
	0	1	09/30/71	CS-137	1.42	0	
	1	2	10/25/72	CS-137	0.141	0	
	0	1	10/25/72	CS-137	1.82	0	
	8	12	10/25/73	CS-137	0.0115	0	
	2	4	10/25/73	CS-137	0.0927	0	
	4	8	10/25/73	CS-137	0.1	0	
	1	2	10/25/73	CS-137	0.46	0	
	0	1	10/25/73	CS-137	2.25	0	
	0	1	09/24/74	CS-137	1.45	0	
	0	1	08/18/75	CS-137	1.04	0	
	0	1	08/18/75	CS-137	1.14	0	
	0	1	08/18/75	CS-137	1.16	0	
	0	1	08/18/75	CS-137	1.19	0	
	0	1	08/18/75	CS-137	1.53	0	
	0	1	08/11/76	CS-137	0.839	0	
	0	1	06/14/77	CS-137	0.568	0.071	
	0	1	08/10/78	CS-137	19.9	0.39	
	0	1	09/11/79	CS-137	2.27	0.12	
	0	1	08/05/80	CS-137	1.17	0.087	
	0	1	08/10/81	CS-137	1.16	0.05	
	0	1	08/30/82	CS-137	1.79	0.0756	
	0	1	08/12/83	CS-137	0.156	0.0262	
	0	1	05/15/84	CS-137	0.531	0.0379	0.0495
	0	1	06/12/85	CS-137	0.55	0.0341	0.0475
	0	1	04/29/86	CS-137	0.373	0.0279	0.0466
	0	1	05/07/87	CS-137	0.613	0.0363	0.0713
	0	1	03/22/88	CS-137	1.62	0.0617	0.174
	0	1	05/02/89	CS-137	0.587	0.0441	0.0734
	0	1	07/31/91	CS-137	0.408	0.0346	0.0535
	0	1	06/03/93	CS-137	0.52	0.0334	0.0618
	0	1	08/14/94	CS-137	0.424	0.0554	0.0697
	0	1	09/30/71	PU-238	0.0005	0	
	1	2	09/30/71	PU-238	0.0019	0	
	0	1	10/25/72	PU-238	0	0	
	1	2	10/25/72	PU-238	0.0000802	0	
	1	2	10/25/73	PU-238	0.000329	0.003	
	0	1	10/25/73	PU-238	0.000589	0.003	
	4	8	10/25/73	PU-238	0.000599	0.003	
	2	4	10/25/73	PU-238	0.000769	0.003	
	8	12	10/25/73	PU-238	0.00172	0.003	
	0	1	09/24/74	PU-238	0.000417	0	
	0	1	08/18/75	PU-238	0	0	
	0	1	08/18/75	PU-238	0	0	
	0	1	08/18/75	PU-238	0.000141	0	
	0	1	08/18/75	PU-238	0.000192	0	
	0	1	08/18/75	PU-238	0.000772	0	
	0	1	08/11/76	PU-238	0.000193	0	

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
200 ESE (contd)	0	1	06/14/77	PU-238	0.0026	0.0017	
	0	1	08/10/78	PU-238	-0.0005	0.001	
	0	1	09/11/79	PU-238	0.0002	0.00036	
	0	1	08/05/80	PU-238			
	0	1	08/10/81	PU-238	0.0011	0.0012	
	0	1	08/30/82	PU-238	0.0002	0.000981	
	0	1	08/12/83	PU-238	0.0008	0.000868	
	0	1	05/15/84	PU-238	0.0002	0.000341	0.000342
	0	1	06/12/85	PU-238	0.0005	0.000264	0.000269
	0	1	04/29/86	PU-238	0.0004	0.000249	0.000253
	0	1	05/07/87	PU-238	0.0004	0.000231	0.00024
	0	1	03/22/88	PU-238	0.0011	0.000384	0.0004
	0	1	05/02/89	PU-238	0.0005	0.000284	0.00029
	0	1	07/31/91	PU-238	0.0002	0.0002	0.000203
	0	1	06/03/93	PU-238	0.0004	0.000213	0.000218
	0	1	08/15/94	PU-238	0.0004	0.000216	0.000221
	1	2	09/30/71	PU-239,240	0.007	0	
	0	1	09/30/71	PU-239,240	0.017	0	
	1	2	10/25/72	PU-239,240	0.008	0	
	0	1	10/25/72	PU-239,240	0.023	0	
	8		10/25/73	PU-239,240	0	0.001	
	4	8	10/25/73	PU-239,240	0.0007	0.001	
	2	4	10/25/73	PU-239,240	0.0052	0.001	
	1	2	10/25/73	PU-239,240	0.0208	0.001	
	0	1	10/25/73	PU-239,240	0.0358		
	0	1	09/24/74	PU-239,240	0.0173	0	
	0	1	08/18/75	PU-239,240	0.0129	0	
	0	1	08/18/75	PU-239,240	0.0139	0	
	0	1	08/18/75	PU-239,240	0.0165	0	
	0	1	08/18/75	PU-239,240	0.0168	0	
	0	1	08/18/75	PU-239,240	0.0221	0	
	0	1	08/11/76	PU-239,240	0.0136	0	
	0	1	06/14/77	PU-239,240	0.0062	0.0023	
	0	1	08/10/78	PU-239,240	0.0198	0.0037	
	0	1	09/11/79	PU-239,240	0.029	0.0019	
	0	1	08/05/80	PU-239,240			
	0	1	08/10/81	PU-239,240	0.0263	0.004	
	0	1	08/30/82	PU-239,240	0.0235	0.00408	
	0	1	08/12/83	PU-239,240	0.0284	0.00537	
	0	1	05/15/84	PU-239,240	0.0091	0.00168	0.00192
	0	1	06/12/85	PU-239,240	0.0216	0.00161	0.0026
	0	1	04/29/86	PU-239,240	0.0084	0.00118	0.0015
	0	1	05/07/87	PU-239,240	0.0118	0.0012	0.00171
	0	1	03/22/88	PU-239,240	0.0356	0.0022	0.00433
	0	1	05/02/89	PU-239,240	0.0105	0.00132	0.00175
	0	1	07/31/91	PU-239,240	0.008	0.00114	0.00138
	0	1	06/03/93	PU-239,240	0.0108	0.00107	0.00153
	0	1	08/15/94	PU-239,240	0.0136	0.00119	0.00182
	1	2	09/30/71	PU	0.0072	0	
	1	2	10/25/72	PU	0.0085	0	
	0	1	10/25/72	PU	0.0234	0	
HANFORD TOWNSITE	1	2	09/30/71	SR-90	0.076	0	
	0	1	09/30/71	SR-90	0.672	0	
	1	2	10/25/72	SR-90	0.257	0	
	0	1	10/25/72	SR-90	0.334	0	
	0	1	10/25/73	SR-90	0.332	0.0052	
	0	1	08/18/75	SR-90	0.405	0	
	0	1	08/11/76	SR-90	0.123	0	
	0	1	06/14/77	SR-90	0.034	0.0036	
	0	1	08/08/78	SR-90	0.0312	0.0037	
	0	1	09/11/79	SR-90	0.204	0.0086	
	0	1	08/05/80	SR-90	0.228	0.007	
	0	1	08/10/81	SR-90	0.399	0.0043	
	0	1	08/30/82	SR-90	0.242	0.0797	
	0	1	08/12/83	SR-90	1.92	0.0478	
	0	1	05/17/84	SR-90	0.311	0.0293	0.0617
	0	1	06/12/85	SR-90	0.246	0.0207	0.0524
	0	1	04/29/87	SR-90	0.288	0.0118	0.0731
	0	1	06/06/88	SR-90	0.125	0.00828	0.025
	0	1	05/02/89	SR-90	0.283	0.012	0.0565
	0	1	07/31/91	SR-90	0.0574	0.00622	0.0128
	0	1	06/03/93	SR-90	0.119	0.00882	0.0234
	1	2	09/30/71	CS-137	0.0412	0	
	0	1	09/30/71	CS-137	0.983	0	
	1	2	10/25/72	CS-137	0.311	0	
	0	1	10/25/72	CS-137	1.25	0	
	0	1	10/25/73	CS-137	1.23	0	
	0	1	08/18/75	CS-137	1.97	0	
	0	1	08/11/76	CS-137	0.531	0	
	0	1	06/14/77	CS-137	0.766	0.081	
	0	1	08/08/78	CS-137	0.837	0.084	
	0	1	09/11/79	CS-137	1.09	0.093	
	0	1	08/05/80	CS-137	1.68	0.12	

Table B.1. (contd)

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
HANFORD	0	1	08/10/81	CS-137	1.57	0.06	
TOWNSITE	0	1	08/30/82	CS-137	0.961	0.0803	
(contd)	0	1	08/12/83	CS-137	1.02	0.0711	
	0	1	05/17/84	CS-137	0.913	0.0533	0.0764
	0	1	06/12/85	CS-137	1.1	0.0544	0.0855
	0	1	04/29/87	CS-137	1.14	0.0574	0.128
	0	1	06/06/88	CS-137	0.882	0.0554	0.104
	0	1	05/02/89	CS-137	1.17	0.0525	0.128
	0	1	07/31/91	CS-137	0.271	0.028	0.039
	0	1	06/03/93	CS-137	0.675	0.0419	0.0795
	1	2	09/30/71	PU-238	0.003	0	
	0	1	09/30/71	PU-238	0.0049	0	
	1	2	10/25/72	PU-238	0	0	
	0	1	10/25/72	PU-238	0.00492	0	
	0	1	10/25/73	PU-238	0.00252	0.003	
	0	1	08/18/75	PU-238	0.000472	0	
	0	1	08/11/76	PU-238	-1.31E-05	0	
	0	1	06/14/77	PU-238	0.000987	0.00099	
	0	1	08/08/78	PU-238	-5.24E-05	0.0014	
	0	1	09/11/79	PU-238	0.00346	0.0032	
	0	1	08/05/80	PU-238	0.0056	0.0012	
	0	1	08/10/81	PU-238	-0.000304	0.0003	
	0	1	08/30/82	PU-238	0.0000716	0.000738	
	0	1	08/12/83	PU-238	0	0	
	0	1	05/17/84	PU-238	0	0	0.00035
	0	1	06/12/85	PU-238	0.000368	0.000231	0.000234
	0	1	04/29/87	PU-238	0.000495	0.000374	0.000379
	0	1	06/06/88	PU-238	0.000746	0.000316	0.000326
	0	1	05/02/89	PU-238	0.000815	0.000495	0.000506
	0	1	07/31/91	PU-238	0.000016	0.000096	0.0001
	0	1	06/03/93	PU-238	0.000715	0.000271	0.000281
	1	2	09/30/71	PU-239,240	0	0	
	0	1	09/30/71	PU-239,240	0.022	0	
	1	2	10/25/72	PU-239,240	0.004	0	
	0	1	10/25/72	PU-239,240	0.024	0	
	0	1	10/25/73	PU-239,240	0.015	0	
	0	1	08/18/75	PU-239,240	0.0196	0	
	0	1	08/11/76	PU-239,240	0.0109	0	
	0	1	06/14/77	PU-239,240	0.0188	0.0029	
	0	1	08/08/78	PU-239,240	-0.000172	0.0011	
	0	1	09/11/79	PU-239,240	0.0198	0.0067	
	0	1	08/05/80	PU-239,240	0.0419	0.0029	
	0	1	08/10/81	PU-239,240	0.0231	0.0016	
	0	1	08/30/82	PU-239,240	0.0153	0.00277	
	0	1	08/12/83	PU-239,240	0.0211	0.00366	
	0	1	05/17/84	PU-239,240	0.0156	0.0027	0.00347
	0	1	06/12/85	PU-239,240	0.00585	0.00088	0.00105
	0	1	04/29/87	PU-239,240	0.0192	0.00233	0.00335
	0	1	06/06/88	PU-239,240	0.0209	0.0016	0.00269
	0	1	05/02/89	PU-239,240	0.027	0.00263	0.00422
	0	1	07/31/91	PU-239,240	0.00368	0.000846	0.000925
	0	1	06/03/93	PU-239,240	0.0148	0.00118	0.00188
	1	2	09/30/71	PU	0	0	
	0	1	09/30/71	PU	0.0224	0	
	1	2	10/25/72	PU	0.00448	0	
	0	1	10/25/72	PU	0.0235	0	
SE FFTF	0	1	08/20/75	SR-90	0.173	0	
	0	1	06/14/77	SR-90	0.131	0.0077	
	0	1	08/08/78	SR-90	0.00875	0.0033	
	0	1	09/11/79	SR-90	0.0765	0.0067	
	0	1	08/05/80	SR-90	0.0879	0.0067	
	0	1	08/10/81	SR-90	0.0493	0.0023	
	0	1	08/30/82	SR-90	0.047	0.045	
	0	1	08/12/83	SR-90	0.541	0.0188	
	0	1	05/17/84	SR-90	0.032	0.0536	0.00772
	0	1	06/05/85	SR-90	0.196	0.0165	0.0423
	0	1	04/29/86	SR-90	0.0438	0.00486	0.01
	0	1	06/09/88	SR-90	0.07	0.00601	0.0149
	0	1	05/03/89	SR-90	0.0623	0.0059	0.0136
	0	1	10/08/90	SR-90			
	0	1	08/31/91	SR-90	0.0506	0.00765	0.0123
	0	1	06/03/93	SR-90	0.0492	0.0066	0.0113
	0	1	08/15/94	SR-90	0.0275	0.00604	0.00788
	0	1	08/20/75	CS-137	0.177	0	
	0	1	06/14/77	CS-137	0.519	0.068	
	0	1	08/08/78	CS-137	0.378	0.058	
	0	1	09/11/79	CS-137	0.19	0.043	
	0	1	08/05/80	CS-137	0.402	0.053	
	0	1	08/10/81	CS-137	0.0784	0.017	
	0	1	08/30/82	CS-137	0.194	0.03	
	0	1	08/12/83	CS-137	0.198	0.0309	
	0	1	05/17/84	CS-137	0.0801	0.0194	0.02
	0	1	06/05/85	CS-137	0.083	0.0212	0.0218

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
SE FFTF	0	1	04/29/86	CS-137	0.0444	0.0169	0.0175
(contd)	0	1	06/09/88	CS-137	0.118	0.0242	0.0269
	0	1	05/03/89	CS-137	0.217	0.0278	0.0353
	0	1	10/08/90	CS-137			
	0	1	08/13/91	CS-137	0.142	0.024	0.0279
	0	1	06/03/93	CS-137	0.185	0.0272	0.0328
	0	1	08/15/94	CS-137	0.0031	0.0286	0.0286
	0	1	08/20/75	PU-238	8E-05	0	
	0	1	06/14/77	PU-238	0.0084	0.0026	
	0	1	08/08/78	PU-238	0.0047	0.0024	
	0	1	09/11/79	PU-238	0.0002	0.00096	
	0	1	08/05/80	PU-238	0.0023	0.0012	
	0	1	08/10/81	PU-238	0.0011	0.00067	
	0	1	08/30/82	PU-238	-0.0007	0.000492	
	0	1	08/12/83	PU-238	0	0	
	0	1	05/17/84	PU-238	0.0003	0.000195	0.000196
	0	1	06/05/85	PU-238	2E-05	9.23E-05	9.24E-05
	0	1	04/29/86	PU-238	0.0002	0.000156	0.000158
	0	1	06/09/88	PU-238	0.0002	0.000163	0.000165
	0	1	05/03/89	PU-238	0.0002	0.000213	0.000214
	0	1	10/08/90	PU-238			
	0	1	08/13/91	PU-238	0.0001	0.000153	0.000154
	0	1	06/03/93	PU-238	0.0001	0.000157	0.000158
	0	1	08/15/94	PU-238	0.0008	0.000717	0.000729
	0	1	08/20/75	PU-239,240	0.0027	0	
	0	1	06/14/77	PU-239,240	0.0086	0.0026	
	0	1	08/08/78	PU-239,240	0.0054	0.0023	
	0	1	09/11/79	PU-239,240	0.0243	0.0041	
	0	1	08/05/80	PU-239,240	0.007	0.0017	
	0	1	08/10/91	PU-239,240	0.003	0.00082	
	0	1	08/30/82	PU-239,240	0.0051	0.00194	
	0	1	08/12/83	PU-239,240	0.0043	0.00179	
	0	1	05/17/84	PU-239,240	0.0087	0.00106	0.00135
	0	1	06/05/85	PU-239,240	0.0021	0.000494	0.00053
	0	1	04/29/86	PU-239,240	0.0007	0.000283	0.000291
	0	1	06/09/88	PU-239,240	0.0032	0.000607	0.00069
	0	1	05/03/89	PU-239,240	0.0064	0.00106	0.00127
	0	1	10/08/90	PU-239,240			
	0	1	08/13/91	PU-239,240	0.004	0.000731	0.000842
	0	1	06/03/93	PU-239,240	0.0032	0.000672	0.000754
	0	1	08/15/94	PU-239,240	0.0008	0.000716	0.000729
NE FFTF	0	1	08/20/75	SR-90	0.0594	0	
	0	1	08/10/76	SR-90	0.316	0	
	0	1	06/14/77	SR-90	0.0185	0.0036	
	0	1	08/08/78	SR-90	0.0426	0.0046	
	0	1	09/11/79	SR-90	0.0853	0.0067	
	0	1	08/05/80	SR-90	0.0416	0.011	
	0	1	08/10/81	SR-90	0.0378	0.0074	
	0	1	08/30/82	SR-90	0.0415	0.035	
	0	1	08/12/83	SR-90	0.519	0.0204	
	0	1	05/17/84	SR-90	0.178	0.0208	0.032
	0	1	06/05/85	SR-90	0.172	0.0179	0.0387
	0	1	04/29/87	SR-90	0.0855	0.0085	0.0229
	0	1	06/09/88	SR-90	0.0919	0.00618	0.0185
	0	1	05/03/89	SR-90	0.0499	0.0054	0.0114
	0	1	08/13/91	SR-90	0.0959	0.00718	0.0248
	0	1	06/03/93	SR-90	0.04	0.00564	0.00934
	0	1	08/15/94	SR-90	0.0401	0.00895	0.0116
	0	1	08/20/75	CS-137	0.0196	0	
	0	1	08/10/76	CS-137	0.627	0	
	0	1	06/14/77	CS-137	1.68	0.12	
	0	1	08/08/78	CS-137	0.137	0.037	
	0	1	09/11/79	CS-137	0.188	0.039	
	0	1	08/05/80	CS-137	0.217	0.041	
	0	1	08/10/81	CS-137	0.105	0.018	
	0	1	08/30/82	CS-137	0.126	0.023	
	0	1	08/12/83	CS-137	0.177	0.0273	
	0	1	05/17/84	CS-137	0.117	0.0243	0.0253
	0	1	06/05/85	CS-137	0.0803	0.0272	0.0276
	0	1	04/29/87	CS-137	0.325	0.0326	0.046
	0	1	06/09/88	CS-137	0.239	0.0276	0.0365
	0	1	05/03/89	CS-137	0.186	0.0218	0.0287
	0	1	08/13/91	CS-137	0.387	0.0375	0.0539
	0	1	06/03/93	CS-137	0.0845	0.0192	0.021
	0	1	08/15/94	CS-137	0.0779	0.0475	0.0481
	0	1	08/20/75	PU-238	0	0	
	0	1	08/10/76	PU-238	0.0011	0	
	0	1	06/14/77	PU-238	-0.0006	0.067	
	0	1	08/08/78	PU-238	0.0001	0.0034	
	0	1	09/11/79	PU-238	-0.0004	0.0012	
	0	1	08/05/80	PU-238	0.0003	0.00087	
	0	1	08/10/81	PU-238	-0.001	0.00028	
	0	1	08/30/82	PU-238	-0.0004	0.000751	

Table B.1. (contd)

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
NE FFTF	0	1	08/12/83	PU-238	0	0	
(contd)	0	1	05/17/84	PU-238	0.00125	0.000501	0.000518
	0	1	06/05/85	PU-238	0.0000405	7.44E-05	7.45E-05
	0	1	04/29/87	PU-238	0.00026	0.000165	0.000167
	0	1	06/09/88	PU-238	0.000171	0.000142	0.000144
	0	1	05/03/89	PU-238	0.000516	0.000376	0.000382
	0	1	08/13/91	PU-238	0.000392	0.000258	0.000263
	0	1	06/03/93	PU-238	0.0000645	0.000142	0.000143
	0	1	08/15/94	PU-238	0.0000854	0.000124	0.000126
	0	1	08/20/75	PU-239,240	0.000925	0	
	0	1	08/10/76	PU-239,240	0.0134	0	
	0	1	06/14/77	PU-239,240	0.165	0.12	
	0	1	08/08/78	PU-239,240	0.0017	0.0036	
	0	1	09/11/79	PU-239,240	0.00241	0.0023	
	0	1	08/05/80	PU-239,240	0.00388	0.0016	
	0	1	08/10/81	PU-239,240	0.00261	0.00079	
	0	1	08/3-/82	PU-239,240	0.00241	0.0013	
	0	1	08/12/83	PU-239,240	0.00287	0.000667	
	0	1	05/17/84	PU-239,240	0.0021	0.000669	0.000706
	0	1	06/05/85	PU-239,240	0.0025	0.000503	0.000553
	0	1	04/29/87	PU-239,240	0.00554	0.00076	0.000942
	0	1	06/09/88	PU-239,240	0.00492	0.000727	0.000882
	0	1	05/03/89	PU-239,240	0.00383	0.00105	0.00115
	0	1	08/13/91	PU-239,240	0.0085	0.00118	0.0015
	0	1	06/03/93	PU-239,240	0.00271	0.000547	0.000613
	0	1	08/15/94	PU-239,240	0.0019	0.000448	0.000488
FFTF CP 62	1	2	09/30/71	SR-90	0.091	0	
	0	1	09/30/71	SR-90	0.091	0	
	1	2	10/25/72	SR-90	0.0192	0	
	0	1	10/25/72	SR-90	0.0453	0	
	0	1	10/25/73	SR-90	0.0757	0.0027	
	0	1	09/24/74	SR-90	0.0178	0	
	1	2	09/30/71	CS-137	0.0235	0	
	0	1	09/30/71	CS-137	0.194	0	
	1	2	10/25/72	CS-137	0.052	0	
	0	1	10/25/72	CS-137	0.131	0	
	0	1	10/25/73	CS-137	0.264	0	
	0	1	09/24/74	CS-137	0.136	0	
	1	2	09/30/71	PU-238	0	0	
	0	1	09/30/71	PU-238	0.00187	0	
	0	1	10/25/72	PU-238	0.0037	0	
	1	2	10/25/72	PU-238	0.00605	0	
	0	1	10/25/73	PU-238	0.00104	0.003	
	0	1	09/24/74	PU-238	0.0000334	0	
	1	2	09/30/71	PU-239,240	0	0	
	0	1	09/30/71	PU-239,240	0.004	0	
	0	1	10/25/72	PU-239,240	0.005	0	
	1	2	10/25/72	PU-239,240	0.011	0	
	0	1	10/25/73	PU-239,240	0.00349	0.001	
	0	1	09/24/74	PU-239,240	0.00282	0	
	1	2	09/30/71	PU	0	0	
	0	1	09/30/71	PU	0.00409	0	
	0	1	10/25/72	PU	0.00481	0	
	1	2	10/25/72	PU	0.0108	0	
WYE	0	1	09/30/71	SR-90	0.217	0	
BARRICADE	1	2	10/25/72	SR-90	0.175	0	
	0	1	10/25/72	SR-90	0.285	0	
	0	1	10/25/73	SR-90	0.134	0.0036	
	0	1	06/14/77	SR-90	0.14	0.0081	
	0	1	08/08/78	SR-90	0.0369	0.0037	
	0	1	09/11/79	SR-90	0.26	0.0087	
	0	1	08/05/80	SR-90	0.232	0.0068	
	0	1	08/10/81	SR-90	0.198	0.023	
	0	1	08/16/82	SR-90	0.21	0.0265	
	0	1	08/11/83	SR-90	0.81	0.0258	
	0	1	05/15/84	SR-90	0.305	0.0442	0.0694
	0	1	07/03/85	SR-90	0.307	0.0186	0.0623
	0	1	04/29/87	SR-90	0.183	0.00878	0.0464
	0	1	05/25/88	SR-90	0.138	0.00736	0.0271
	0	1	05/03/89	SR-90	0.106	0.00734	0.0215
	0	1	07/31/91	SR-90	0.231	0.0158	0.0443
	0	1	06/03/93	SR-90	0.0967	0.00768	0.0198
	1	2	09/30/71	CS-137	0.294	0	
	0	1	09/30/71	CS-137	0.525	0	
	1	2	10/25/72	CS-137	0.416	0	
	0	1	10/25/72	CS-137	0.761	0	
	0	1	10/25/73	CS-137	0.708	0	
	0	1	06/14/77	CS-137	0.601	0.072	
	0	1	08/08/78	CS-137	0.596	0.071	
	0	1	09/11/79	CS-137	0.793	0.072	
	0	1	08/05/80	CS-137	1.08	0.096	
	0	1	08/10/81	CS-137	0.688	0.039	

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
WYE	0	1	08/16/82	CS-137	1.06	0.0566	
BARRICADE	0	1	08/11/83	CS-137	0.842	0.0543	
(contd)	0	1	05/15/84	CS-137	0.68	0.0398	0.057
	0	1	07/03/85	CS-137	1.32	0.0578	0.0983
	0	1	04/29/87	CS-137	0.588	0.0359	0.0689
	0	1	05/25/88	CS-137	0.559	0.0397	0.0686
	0	1	05/03/89	CS-137	0.391	0.0399	0.0559
	0	1	07/31/91	CS-137	0.66	0.0403	0.0773
	0	1	06/03/93	CS-137	0.354	0.0299	0.0464
	1	2	09/30/71	PU-238	0	0	
	0	1	09/30/71	PU-238	0.0002	0	
	0	1	10/25/72	PU-238	0.0034	0	
	1	2	10/25/72	PU-238	0.0048	0	
	0	1	10/25/73	PU-238	0.0017	0.003	
	0	1	06/14/77	PU-238	0.0056	0.0041	
	0	1	08/08/78	PU-238	0.0017	0.0015	
	0	1	09/11/79	PU-238	0.0002	0.00084	
	0	1	08/05/80	PU-238	0.0009	0.00087	
	0	1	08/10/81	PU-238	-0.0004	0.00035	
	0	1	08/16/82	PU-238	0.0006	0.000796	
	0	1	08/11/83	PU-238	0.0005	0.000372	
	0	1	05/15/84	PU-238	0.001	0.000829	0.000835
	0	1	07/03/85	PU-238	0.0006	0.000282	0.000288
	0	1	04/29/87	PU-238	0.0006	0.000253	0.000261
	0	1	05/25/88	PU-238	0.0004	0.000207	0.000212
	0	1	05/03/89	PU-238	0.0002	0.000235	0.000237
	0	1	07/31/91	PU-238	0.0005	0.000475	0.00048
	0	1	06/03/93	PU-238	0.0003	0.000177	0.00018
	1	2	09/30/71	PU-239,240	0.009	0	
	0	1	09/30/71	PU-239,240	0.014	0	
	0	1	10/25/72	PU-239,240	0.014	0	
	1	2	10/25/72	PU-239,240	0.016	0	
	0	1	10/25/73	PU-239,240	0.0116	0	
	0	1	06/14/77	PU-239,240	0.0095	0.0049	
	0	1	08/08/78	PU-239,240	0.0063	0.0021	
	0	1	09/11/79	PU-239,240	0.0178	0.0029	
	0	1	08/05/80	PU-239,240	0.013	0.0023	
	0	1	08/10/81	PU-239,240	0.0116	0.0013	
	0	1	08/16/82	PU-239,240	0.018	0.0027	
	0	1	08/11/83	PU-239,240	0.0167	0.00216	
	0	1	05/15/84	PU-239,240	0.0138	0.00233	0.00275
	0	1	07/03/85	PU-239,240	0.0173	0.00149	0.00224
	0	1	04/29/87	PU-239,240	0.0107	0.00103	0.00148
	0	1	05/25/88	PU-239,240	0.0083	0.000856	0.00118
	0	1	05/03/89	PU-239,240	0.0075	0.00133	0.0016
	0	1	07/31/91	PU-239,240	0.0168	0.00255	0.00318
	0	1	06/03/93	PU-239,240	0.0083	0.00092	0.00124
	1	2	09/30/71	PU	0.0093	0	
	0	1	09/30/71	PU	0.0136	0	
	0	1	10/25/72	PU	0.0141	0	
	1	2	10/25/72	PU	0.0162	0	
WYE	0	1	8/16/82	SR-90	0.24	0.0511	
BARRICADE	0	1	8/11/83	SR-90	0.919	0.0252	
(QC_SAMP)	0	1	6/6/84	SR-90	0.158	0.0119	0.0327
	0	1	7/3/85	SR-90	0.261	0.0219	0.055
	0	1	4/29/86	SR-90	0.0451	0.00453	0.00937
	0	1	4/29/87	SR-90	0.125	0.00826	0.0323
	0	1	5/25/88	SR-90	0.0112	0.00338	0.00429
	0	1	5/3/89	SR-90	0.104	0.00681	0.0211
	0	1	8/13/91	SR-90	0.11	0.00673	0.0222
	0	1	6/3/93	SR-90	0.125	0.00898	0.0245
	0	1	8/23/94	SR-90	0.0823	0.0079	0.017
	0	1	8/16/82	CS-137	1.16	0.083	
	0	1	8/11/83	CS-137	0.772	0.0523	
	0	1	6/6/84	CS-137	0.232	0.0256	0.0291
	0	1	7/3/85	CS-137	0.854	0.0461	0.0689
	0	1	4/29/86	CS-137	0.0521	0.0189	0.0196
	0	1	4/29/87	CS-137	0.349	0.0321	0.0474
	0	1	5/25/88	CS-137	0.0221	0.0138	0.014
	0	1	5/3/89	CS-137	0.642	0.0382	0.0747
	0	1	8/13/91	CS-137	0.273	0.031	0.0413
	0	1	6/3/93	CS-137	0.399	0.0244	0.0467
	0	1	8/23/94	CS-137	0.195	0.048	0.0518
	0	1	8/16/82	PU-238	0.0001	0.000676	
	0	1	8/11/83	PU-238	0.0004	0.000293	
	0	1	6/6/84	PU-238	0	0	0.00163
	0	1	7/3/85	PU-238	0.0003	0.000231	0.000233
	0	1	4/29/86	PU-238	0.0002	0.000188	0.000189
	0	1	4/29/87	PU-238	0.0005	0.000258	0.000262
	0	1	5/25/88	PU-238	-2E-05	0	7.72E-05
	0	1	5/3/89	PU-238	0.0015	0.000563	0.000589
	0	1	8/13/91	PU-238	0.0002	0.000166	0.000168
	0	1	6/3/93	PU-238	0.0003	0.000187	0.000189

Table B.1. (contd)

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
WYE BARRICADE (QC_SAMP) (cont'd)	0	1	8/23/94	PU-238	0.0000527	0.000126	0.000127
	0	1	8/16/82	PU-239,240	0.0196	0.00278	
	0	1	8/11/83	PU-239,240	0.0105	0.00152	
	0	1	6/6/84	PU-239,240	0.00487	0.00325	0.0035
	0	1	7/3/85	PU-239,240	0.00793	0.00113	0.00139
	0	1	4/29/86	PU-239,240	0.00168	0.000602	0.000633
	0	1	4/29/87	PU-239,240	0.00635	0.000952	0.00117
	0	1	5/25/88	PU-239,240	0.000556	0.000242	0.00025
	0	1	5/3/89	PU-239,240	0.0131	0.00166	0.00223
	0	1	8/13/91	PU-239,240	0.00612	0.000913	0.00113
	0	1	6/3/93	PU-239,240	0.00979	0.000947	0.00135
	0	1	8/23/94	PU-239,240	0.00425	0.000859	0.001
WYE BARRICADE (QC_SAMP_ DUP)	0	1	8/16/82	SR-90	0.242	0.0422	
	0	1	8/11/83	SR-90	0.935	0.0287	
	0	1	6/6/84	SR-90	0.143	0.00834	0.0289
	0	1	7/3/85	SR-90	0.441	0.0247	0.0894
	0	1	4/29/86	SR-90	0.0413	0.00432	0.00873
	0	1	4/29/87	SR-90	0.158	0.00942	0.0404
	0	1	5/25/88	SR-90	0.0709	0.00623	0.0152
	0	1	5/3/89	SR-90	0.165	0.00871	0.0344
	0	1	8/13/91	SR-90	0.142	0.00776	0.0275
	0	1	6/3/93	SR-90	0.109	0.00787	0.0219
	0	1	8/23/94	SR-90	0.0966	0.00942	0.0205
	0	1	8/16/82	CS-137	1.14	0.0925	
	0	1	8/11/83	CS-137	0.885	0.0526	
	0	1	6/6/84	CS-137	0.312	0.0344	0.0391
	0	1	7/3/85	CS-137	0.985	0.0489	0.0767
	0	1	4/29/86	CS-137	0.0326	0.0134	0.0138
	0	1	4/29/87	CS-137	0.536	0.0442	0.0695
	0	1	5/25/88	CS-137	0.165	0.0256	0.0305
	0	1	5/3/89	CS-137	0.775	0.0488	0.0915
	0	1	8/13/91	CS-137	0.508	0.039	0.0641
	0	1	6/3/93	CS-137	0.417	0.032	0.0526
	0	1	8/23/94	CS-137	0.219	0.049	0.0537
	0	1	8/16/82	PU-238	0.000804	0.000771	
	0	1	8/11/83	PU-238	0.000654	0.000335	
	0	1	6/6/84	PU-238	0.000939	0.000664	0.000677
	0	1	7/3/85	PU-238	0.001	0.000486	0.000499
	0	1	4/29/86	PU-238	0.0000346	6.93E-05	6.94E-05
	0	1	4/29/87	PU-238	0	0	8.92E-05
	0	1	5/25/88	PU-238	0.000143	0.00013	0.000132
	0	1	5/3/89	PU-238	0.000671	0.000543	0.000551
	0	1	8/13/91	PU-238	0.00034	0.000205	0.000209
	0	1	6/3/93	PU-238	0.000259	0.000166	0.000169
	0	1	8/23/94	PU-238	0.000224	0.000182	0.000184
	0	1	8/16/82	PU-239,240	0.0169	0.00226	
	0	1	8/11/83	PU-239,240	0.0171	0.00163	
	0	1	6/6/84	PU-239,240	0.00598	0.00168	0.00187
	0	1	7/3/85	PU-239,240	0.0207	0.00217	0.00316
	0	1	4/29/86	PU-239,240	0.00173	0.000489	0.000522
	0	1	4/29/87	PU-239,240	0.00823	0.000993	0.00131
	0	1	5/25/88	PU-239,240	0.00331	0.000595	0.000683
	0	1	5/3/89	PU-239,240	0.0173	0.00244	0.00335
	0	1	8/13/91	PU-239,240	0.0106	0.00112	0.00156
	0	1	6/3/93	PU-239,240	0.00921	0.000961	0.00133
	0	1	8/23/94	PU-239,240	0.0055	0.00087	0.00107
PROSSER BARRICADE	0	1	09/24/74	SR-90	0.479	0	
	0	1	08/19/75	SR-90	0.177	0	
	0	1	06/14/77	SR-90	0.113	0.0065	
	0	1	08/08/78	SR-90	0.16	0.0077	
	0	1	09/12/79	SR-90	0.107	0.0067	
	0	1	08/04/80	SR-90	0.00315	0.0068	
	0	1	08/11/81	SR-90	0.133	0.0074	
	0	1	08/16/82	SR-90	0.291	0.0184	
	0	1	08/23/83	SR-90	1.11	0.0273	
	0	1	05/15/84	SR-90	0.361	0.0217	0.049
	0	1	06/06/85	SR-90	0.451	0.0262	0.0915
	0	1	04/29/86	SR-90	0.172	0.00833	0.032
	0	1	05/25/88	SR-90	0.107	0.00736	0.0216
	0	1	05/03/89	SR-90	0.244	0.0114	0.0484
	0	1	06/07/93	SR-90	0.103	0.0121	0.0228
	0	1	09/24/74	CS-137	0.906	0	
	0	1	08/19/75	CS-137	0.204	0	
	0	1	06/14/77	CS-137	0.816	0.083	
	0	1	08/08/78	CS-137	0.597	0.071	
	0	1	09/12/79	CS-137	0.917	0.085	
	0	1	08/04/80	CS-137	0.945	0.08	
	0	1	08/11/81	CS-137	0.214	0.023	
	0	1	08/16/82	CS-137	1.19	0.0606	
	0	1	08/23/83	CS-137	0.767	0.0533	
	0	1	05/15/84	CS-137	0.152	0.0253	0.0269
	0	1	06/06/85	CS-137	0.732	0.0488	0.0657
PROSSER BARRICADE (contd)	0	1	04/29/86	CS-137	0.317	0.0324	0.0453
	0	1	05/25/88	CS-137	0.332	0.0271	0.0428
	0	1	05/03/89	CS-137	0.861	0.0514	0.1
	0	1	06/07/93	CS-137	0.269	0.0235	0.0357
	0	1	09/24/74	PU-238	0.0007	0	
	0	1	08/19/75	PU-238	0.0009	0	
	0	1	06/14/77	PU-238	0.0032	0.0039	
	0	1	08/08/78	PU-238	-0.0012	0.0024	
	0	1	09/12/79	PU-238	-0.0004	0.0006	
	0	1	08/04/80	PU-238			
	0	1	08/11/81	PU-238	-0.0004	0.00048	
	0	1	08/16/82	PU-238	0.0013	0.00113	
	0	1	08/23/83	PU-238	0.0015	0.00119	
	0	1	05/15/84	PU-238	0.0007	0.000777	0.000782
	0	1	06/06/85	PU-238	0.0004	0.000293	0.000296
	0	1	04/29/86	PU-238	0.0002	0.000174	0.000175
	0	1	05/25/88	PU-238	0.0001	0.000109	0.00011
	0	1	05/03/89	PU-238	0.0033	0.000742	0.000824
	0	1	06/07/93	PU-238	0.0003	0.000179	0.000182
	0	1	09/24/74	PU-239,240	0.0101	0	
	0	1	08/19/75	PU-239,240	0.0045	0	
	0	1	06/14/77	PU-239,240	0.0137	0.0061	
	0	1	08/08/78	PU-239,240	0.0114	0.0052	
	0	1	09/12/79	PU-239,240	0.016	0.0031	
	0	1	08/04/80	PU-239,240			
	0	1	08/11/81	PU-239,240	0.0059	0.0012	
	0	1	08/16/82	PU-239,240	0.0329	0.00428	
	0	1	08/23/83	PU-239,240	0.0203	0.00443	
	0	1	05/15/84	PU-239,240	0.0039	0.00161	0.00168
	0	1	06/06/85	PU-239,240	0.0192	0.00188	0.00276
	0	1	04/29/86	PU-239,240	0.0078	0.000987	0.00127
	0	1	05/25/88	PU-239,240	0.0062	0.000778	0.000993
	0	1	05/03/89	PU-239,240	0.0181	0.0017	0.00259
	0	1	06/07/93	PU-239,240	0.0071	0.000876	0.00114
ALE	0	1	08/20/75	SR-90	0.469	0	
	0	1	08/10/76	SR-90	0.0154	0	
	0	1	06/14/77	SR-90	0.0757	0.0056	
	0	1	08/10/78	SR-90	0.0058	0.0033	
	0	1	09/12/79	SR-90	0.37	0.01	
	0	1	08/05/80	SR-90	0	0.0068	
	0	1	08/13/81	SR-90	0.272	0.034	
	0	1	08/16/82	SR-90	0.3	0.0584	
	0	1	08/23/83	SR-90	1.63	0.0323	
	0	1	05/24/84	SR-90	0.358	0.0394	0.0796
	0	1	06/12/85	SR-90	0.607	0.0349	0.122
	0	1	05/20/87	SR-90	0.398	0.0256	0.103
	0	1	06/08/88	SR-90	0.339	0.0119	0.0644
	0	1	05/05/89	SR-90	0.261	0.0106	0.0527
	0	1	06/07/93	SR-90	0.105	0.0111	0.0219
	0	1	08/20/75	CS-137	1.55	0	
	0	1	08/10/76	CS-137	0.395	0	
	0	1	06/14/77	CS-137	0.973	0.09	
	0	1	08/10/78	CS-137	0.606	0.069	
	0	1	09/12/79	CS-137	1.07	0.093	
	0	1	08/05/80	CS-137	1.18	0.1	
	0	1	08/13/81	CS-137	0.369	0.029	
	0	1	08/16/82	CS-137	1.13	0.103	
	0	1	08/23/83	CS-137	1.48	0.0689	
	0	1	05/24/84	CS-137	0.548	0.0427	
	0	1	06/12/85	CS-137	1.56	0.0688	0.116
	0	1	05/10/87	CS-137	1.08	0.0613	0.124
	0	1	06/08/88	CS-137	0.988	0.0549	0.113
	0	1	05/05/89	CS-137	0.957	0.0587	0.112
	0	1	06/07/93	CS-137	0.219	0.0274	0.035
	0	1	08/20/75	PU-238	8E-05	0	
	0	1	08/10/76	PU-238	0.0005	0	
	0	1	06/14/77	PU-238	0.0002	0.0011	
	0	1	08/10/78	PU-238	-0.001	0.0019	
	0	1	09/12/79	PU-238	0.0018	0.0015	
	0	1	08/05/80	PU-238	0.0031	0.0013	
	0	1	08/13/81	PU-238	0.001	0.00056	
	0	1	08/16/82	PU-238	0.0006	0.00062	
	0	1	08/23/83	PU-238	0.0016	0.00115	
	0	1	05/24/84	PU-238	0.0002	0.000237	0.000238
	0	1	06/12/85	PU-238	0.0009	0.000342	0.000352
	0	1	05/20/87	PU-238	0.001	0.000417	0.000435
	0	1	06/08/88	PU-238	0.0011	0.000358	0.000375
	0	1	05/05/89	PU-238	0.0009	0.000327	0.000339
	0	1	06/07/93	PU-238	0.0002	0.000147	0.00015
	0	1	08/20/75	PU-239,240	0.0131	0	
	0	1	08/10/76	PU-239,240	0.0058	0	
	0	1	06/14/77	PU-239,240	0.0167	0.0035	
	0	1	08/10/78	PU-239,240	0.0056	0.0036	

Table B.1. (contd)

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
ALE (contd)	0	1	09/12/79	PU-239,240	0.028	0.0048	
	0	1	08/05/80	PU-239,240	0.023	0.0031	
	0	1	08/13/81	PU-239,240	0.0101	0.0012	
	0	1	08/16/82	PU-239,240	0.0295	0.00242	
	0	1	08/23/83	PU-239,240	0.0311	0.00502	
	0	1	05/24/84	PU-239,240	0.0091	0.00139	0.0017
	0	1	06/12/85	PU-239,240	0.0342	0.0021	0.00389
	0	1	05/20/87	PU-239,240	0.0243	0.00201	0.00334
	0	1	06/08/88	PU-239,240	0.0255	0.00171	0.00312
	0	1	05/05/89	PU-239,240	0.0212	0.00156	0.00267
	0	1	06/07/93	PU-239,240	0.00587	0.000709	0.000915
ERC	1	2	09/39/71	SR-90	0.102	0	
	0	1	09/30/71	SR-90	0.149	0	
	1	2	10/25/72	SR-90	0.0344	0	
	0	1	10/25/72	SR-90	0.0965	0	
	0	1	10/25/73	SR-90	0.0757	0.0027	
	0	1	09/24/74	SR-90	0.0175	0	
	1	2	09/30/71	CS-137	0.0643	0	
	0	1	09/30/71	CS-137	0.803	0	
ERC (contd)	1	2	10/25/72	CS-137	0.003	0	
	0	1	10/25/72	CS-137	0.042	0	
	0	1	10/25/73	CS-137	1.26	0	
	0	1	09/24/74	CS-137	0.106	0	
	0	1	09/30/71	PU-238	0	0	
	1	2	09/30/71	PU-238	0.0032 8	0	
	0	1	10/25/72	PU-238	0	0	
	1	2	10/25/72	PU-238	0.0106	0	
	0	1	10/25/73	PU-238	0.0016 3	0.003	
	0	1	09/24/74	PU-238	0	0	
	1	2	09/30/71	PU-239,240	0.005	0	
	0	1	09/30/71	PU-239,240	0.015	0	
	0	1	10/25/72	PU-239,240	0.009	0	
	1	2	10/25/72	PU-239,240	0.013	0	
	0	1	10/25/73	PU-239,240	0.0185	0	
	0	1	09/24/74	PU-239,240	0.0025 4	0	
	1	2	09/30/71	PU	0.0047	0	
	0	1	09/30/71	PU	0.0147	0	
	0	1	10/25/72	PU	0.0009 37	0	
	1	2	10/25/72	PU	0.0131	0	

Table B.2. Offsite Sampling Locations

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
BENTON CITY	1	2	09/30/71	SR-90	0.217	0	
	0	1	09/30/71	SR-90	0.45	0	
	1	2	10/25/72	SR-90	0.27	0	
	0	1	10/25/72	SR-90	0.379	0	
	0	1	10/25/73	SR-90	0.123	0.0034	
	0	1	09/25/74	SR-90	0.777	0	
	0	1	06/14/77	SR-90	0.025	0.0036	
	0	1	08/08/78	SR-90	0.032	0.0036	
	0	1	09/12/79	SR-90	0.336	0.0099	
	0	1	08/04/80	SR-90	0.288	0.0051	
	0	1	08/13/81	SR-90	0.295	0.0032	
	0	1	08/16/82	SR-90	0.212	0.0298	
	0	1	08/23/83	SR-90	0.418	0.0181	
	0	1	06/06/84	SR-90	0.359	0.0306	0.076
	0	1	07/03/85	SR-90	0.118	0.0144	0.0272
	0	1	05/23/86	SR-90	0.245	0.0101	0.0493
	0	1	05/20/87	SR-90	0.24	0.0139	0.0615
	0	1	03/21/88	SR-90	0.432	0.0189	0.11
	0	1	05/09/89	SR-90	0.169	0.00887	0.0334
	0	1	06/08/93	SR-90	0.178	0.0111	0.0359
	1	2	09/30/71	CS-137	0.00601	0	
	0	1	09/30/71	CS-137	0.966	0	
	1	2	10/25/72	CS-137	0.843	0	
	0	1	10/25/72	CS-137	1.1	0	
	0	1	10/25/73	CS-137	0.807	0	
	0	1	09/25/74	CS-137	1.72	0	
	0	1	06/14/77	CS-137	0.455	0.064	
	0	1	08/08/78	CS-137	0.502	0.066	
	0	1	09/12/79	CS-137	0.752	0.08	
	0	1	08/04/80	CS-137	1	0.085	
	0	1	08/13/81	CS-137	0.887	0.044	
	0	1	08/16/82	CS-137	0.751	0.0472	
	0	1	08/23/83	CS-137	0.539	0.0451	
	0	1	06/06/84	CS-137	0.53	0.043	0.0534
	0	1	07/03/85	CS-137	0.87	0.0371	0.064
	0	1	05/23/86	CS-137	0.789	0.0454	0.091
	0	1	05/20/87	CS-137	0.654	0.0421	0.0778
	0	1	03/21/88	CS-137	0.91	0.0618	0.11
	0	1	05/09/89	CS-137	0.763	0.0479	0.0901
	0	1	06/08/93	CS-137	1.08	0.0456	0.117
	1	2	09/30/71	PU-238	0.0012	0	
	0	1	09/30/71	PU-238	0.00189	0	
	1	2	10/25/72	PU-238	0	0	
	0	1	10/25/72	PU-238	0.00167	0	
	0	1	10/25/73	PU-238	0	0.003	
	0	1	09/25/74	PU-238	0.00177	0	
	0	1	06/14/77	PU-238	-1.93E-05	0.00073	
	0	1	08/08/78	PU-238	0.0000851	0.00077	
	0	1	09/12/79	PU-238	0.000294	0.00039	
	0	1	08/04/80	PU-238	0.00194	0.0011	
	0	1	08/13/81	PU-238	-0.000431	0.00041	
	0	1	08/16/82	PU-238	0.000464	0.00082	
	0	1	08/23/83	PU-238	0.000664	0.000379	
	0	1	06/06/84	PU-238	0.000358	0.000368	0.000369
	0	1	07/03/85	PU-238	0.000562	0.000371	0.000376
	0	1	05/23/86	PU-238	0.000628	0.000312	0.000319
	0	1	05/20/87	PU-238	0.000278	0.000206	0.000214
	0	1	03/21/88	PU-238	0.000617	0.000327	0.000335
	0	1	05/09/89	PU-238	0.000677	0.00031	0.000319
	0	1	06/08/93	PU-238	0.000689	0.000576	0.000585
	1	2	09/30/71	PU-239,240	0.0008	0	
	0	1	09/30/71	PU-239,240	0.018	0	
	1	2	10/25/72	PU-239,240	0.011	0	
	0	1	10/25/72	PU-239,240	0.023	0	
	0	1	10/25/73	PU-239,240	0.0123	0	
	0	1	09/25/74	PU-239,240	0.0367	0	
	0	1	06/14/77	PU-239,240	0.00806	0.002	
	0	1	08/08/78	PU-239,240	0.0099	0.002	
	0	1	09/12/79	PU-239,240	0.0163	0.0014	
	0	1	08/04/80	PU-239,240	0.0201	0.003	
	0	1	08/13/81	PU-239,240	0.0209	0.0022	
	0	1	08/16/82	PU-239,240	0.0237	0.00324	
	0	1	08/23/83	PU-239,240	0.0149	0.00168	
	0	1	06/06/84	PU-239,240	0.00991	0.00152	0.00178
	0	1	07/03/85	PU-239,240	0.0187	0.00203	0.00289
	0	1	05/23/86	PU-239,240	0.0155	0.00147	0.0022
	0	1	05/20/87	PU-239,240	0.0143	0.00126	0.00192
	0	1	03/21/88	PU-239,240	0.0143	0.00156	0.00221
	0	1	05/09/89	PU-239,240	0.0149	0.00144	0.00213
	0	1	06/08/93	PU-239,240	0.0251	0.00343	0.00502
	1	2	09/30/71	PU	0.0008	0	
	0	1	09/39/71	PU	0.0182	0	
	1	2	10/25/72	PU	0.0112	0	
	0	1	10/25/72	PU	0.0234	0	

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
BENTON	0	1	8/17/82	SR-90	0.217	0.108	
CITY	0	1	8/17/82	CS-137	0.809	0.0934	
(QC_SAMP)	0	1	8/17/82	PU-238	0.000788	0.00076	
	0	1	8/17/82	PU-239,240	0.0129	0.00203	
BENTON	0	1	8/17/82	SR-90	0.00697	0.00177	
CITY	0	1	8/17/82	CS-137	0.483	0.0768	
(QC_SAMP_	0	1	8/17/82	PU-238	0.000173	0.00065	
DUP)	0	1	8/17/82	PU-239,240	0.00503	0.00126	
SUNNYSIDE	0	1	6/14/77	SR-90	0.0333	0.0043	
	0	1	8/8/78	SR-90	0.0137	0.0031	
	0	1	9/12/79	SR-90	0.245	0.0099	
	0	1	8/4/80	SR-90	0.19	0.021	
	0	1	8/13/81	SR-90	0.157	0.016	
	0	1	8/17/82	SR-90	0.12	0.0315	
	0	1	8/23/83	SR-90	1.61	0.0397	
	0	1	5/22/84	SR-90	0.31	0.0294	0.0667
	0	1	6/17/85	SR-90	0.262	0.0197	0.0545
	0	1	6/3/86	SR-90	0.0522	0.00776	0.0123
	0	1	5/21/87	SR-90	0.254	0.0221	0.0675
	0	1	5/24/88	SR-90	0.239	0.01	0.0458
	0	1	5/24/88	SR-90	0.284	0.0113	0.0542
	0	1	5/9/89	SR-90	0.128	0.00822	0.0267
	0	1	10/3/90	SR-90	0.348	0.0134	0.0854
	0	1	8/1/91	SR-90	0.0293	0.00614	0.00837
	0	1	7/1/92	SR-90	0.0383	0.00466	0.00872
	0	1	6/17/93	SR-90	0.1	0.0104	0.027
	0	1	6/14/77	CS-137	0.143	0.04	
	0	1	8/8/78	CS-137	0.56	0.069	
	0	1	9/12/79	CS-137	0.735	0.072	
	0	1	8/4/80	CS-137	0.653	0.084	
	0	1	8/13/81	CS-137	0.632	0.039	
	0	1	8/17/82	CS-137	0.409	0.0583	
	0	1	8/23/83	CS-137	1.13	0.0634	
	0	1	5/22/84	CS-137	1.52	0.0711	
	0	1	6/17/85	CS-137	0.291	0.0357	0.0398
	0	1	6/3/86	CS-137	0.0971	0.0263	0.0281
	0	1	5/21/87	CS-137	0.287	0.0364	0.0464
	0	1	5/24/88	CS-137	0.92	0.0544	0.107
	0	1	5/24/88	CS-137	1.15	0.061	0.13
	0	1	5/9/89	CS-137	0.481	0.0398	0.0625
	0	1	10/3/90	CS-137	1.22	0.0641	0.138
	0	1	8/1/91	CS-137	0.0668	0.0258	0.0266
	0	1	7/1/92	CS-137	0.42	0.0315	0.0525
	0	1	6/17/93	CS-137	0.742	0.036	0.0825
	0	1	6/14/77	PU-238	0.00128	0.0011	
	0	1	8/8/78	PU-238	-0.000221	0.0013	
	0	1	9/12/79	PU-238	0.000094	0.00072	
	0	1	8/4/80	PU-238	0.00221	0.0012	
	0	1	8/13/81	PU-238	-0.000116	0.00038	
	0	1	8/17/82	PU-238	0.000526	0.00079	
	0	1	8/23/83	PU-238	0.0002	0.0004	
	0	1	5/22/84	PU-238	0.00107	0.00054	0.00055
	0	1	6/17/85	PU-238	0.000199	0.00021	0.000212
	0	1	6/3/86	PU-238	0	0.00018	0.000193
	0	1	5/21/87	PU-238	0.000238	0.00022	0.000227
	0	1	5/24/88	PU-238	0.00077	0.00029	0.000298
	0	1	5/24/88	PU-238	0.000797	0.00029	0.000304
	0	1	5/9/89	PU-238	0.000303	0.00034	0.00034
	0	1	10/3/90	PU-238	0.00616	0.00151	0.00173
	0	1	8/1/91	PU-238	0.0000983	0.00025	0.000256
	0	1	7/1/92	PU-238	0.000169	0.00019	0.000186
	0	1	6/17/93	PU-238	0.000588	0.00024	0.000249
	0	1	6/14/77	PU-239/240	0.00383	0.0015	
	0	1	8/8/78	PU-239/240	0.00802	0.0029	
	0	1	9/12/79	PU-239/240	0.0252	0.0035	
	0	1	8/4/80	PU-239/240	0.0142	0.0025	
	0	1	8/13/81	PU-239/240	0.0126	0.0014	
	0	1	8/17/82	PU-239/240	0.00916	0.00192	
	0	1	8/23/83	PU-239/240	0.0256	0.00452	
	0	1	5/22/84	PU-239/240	0.0251	0.00259	0.00389
	0	1	6/17/85	PU-239/240	0.0154	0.0016	0.00224
	0	1	6/3/86	PU-239/240	0.00212	0.00074	0.000783
	0	1	5/21/87	PU-239/240	0.00606	0.001	0.00121
	0	1	5/24/88	PU-239/240	0.0204	0.00146	0.00252
	0	1	5/24/88	PU-239/240	0.0247	0.00161	0.00296
	0	1	5/9/89	PU-239/240	0.0106	0.00165	0.00209
	0	1	10/3/90	PU-239/240	0.0291	0.00327	0.00513
	0	1	8/1/91	PU-239/240	0.000885	0.00058	0.000589
	0	1	7/1/92	PU-239/240	0.00766	0.00119	0.00141
	0	1	6/17/93	PU-239/240	0.0168	0.00126	0.00208

Table B.2. (contd)

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
HARRIS FARM	0	1	06/14/77	SR-90	0.0174	0.0034	
	0	1	08/09/78	SR-90	0.0354	0.0038	
	0	1	09/13/79	SR-90	0.374	0.011	
	0	1	08/06/80	SR-90	0.00135	0.0068	
	0	1	08/21/81	SR-90	0.209	0.009	
	0	1	08/18/82	SR-90	0.115	0.0409	
	0	1	08/18/83	SR-90	0.897	0.0437	
	0	1	05/30/84	SR-90	0.0391	0.0115	0.0137
	0	1	06/19/85	SR-90	0.0741	0.0118	0.0186
	0	1	05/22/86	SR-90	0.0611	0.0116	0.0159
	0	1	05/15/87	SR-90	0.187	0.0135	0.0488
	0	1	06/20/88	SR-90	0.228	0.00939	0.0419
	0	1	05/08/89	SR-90	0.0685	0.0056	0.0146
	0	1	08/08/91	SR-90	0.145	0.0117	0.0298
	0	1	07/28/92	SR-90	0.0623	0.00781	0.0139
	0	1	06/11/93	SR-90	0.0314	0.00454	0.00768
	0	1	08/17/94	SR-90	0.0535	0.00784	0.0152
	0	1	06/14/77	CS-137	0.165	0.042	
	0	1	08/09/78	CS-137	0.501	0.066	
	0	1	09/13/79	CS-137	0.352	0.057	
	0	1	08/06/80	CS-137	1.09	0.085	
	0	1	08/12/81	CS-137	0.463	0.033	
	0	1	08/18/82	CS-137	0.489	0.0698	
	0	1	08/18/83	CS-137	1.16	0.0653	
	0	1	05/30/84	CS-137	0.0771	0.0205	0.021
	0	1	06/19/85	CS-137	0.208	0.026	0.0288
	0	1	05/22/86	CS-137	0.168	0.0358	0.0396
	0	1	05/15/87	CS-137	0.86	0.0503	0.0996
	0	1	06/20/88	CS-137	1.3	0.0569	0.142
	0	1	05/08/89	CS-137	0.451	0.0371	0.0584
	0	1	08/08/91	CS-137	1.78	0.105	0.207
	0	1	07/28/92	CS-137	0.197	0.039	0.0436
	0	1	06/11/93	CS-137	0.118	0.0451	0.0466
	0	1	08/17/94	CS-137	0.167	0.0805	0.0822
	0	1	06/14/77	PU-238	0.00317	0.0028	
	0	1	08/09/78	PU-238	0.000979	0.0013	
	0	1	09/13/79	PU-238	0.0000589	0.00075	
	0	1	08/06/80	PU-238	0.000517	0.00056	
	0	1	08/12/81	PU-238	-0.000358	0.0003	
	0	1	08/18/82	PU-238	-0.000271	0.000633	
	0	1	08/18/83	PU-238	0.000823	0.00106	
	0	1	05/30/84	PU-238	0.00226	0.00202	0.0021
	0	1	06/19/85	PU-238	0.000229	0.000242	0.000243
	0	1	05/22/86	PU-238	0.000267	0.000197	0.000199
	0	1	05/15/87	PU-238	0.000324	0.000194	0.000204
	0	1	06/20/88	PU-238	0.00105	0.000365	0.000381
	0	1	05/08/89	PU-238	0.000266	0.000223	0.000225
	0	1	08/08/91	PU-238	0.000326	0.000322	0.000325
	0	1	07/28/92	PU-238	0.0000851	0.000101	0.000103
	0	1	06/11/93	PU-238	0.000478	0.000271	0.000277
	0	1	08/17/94	PU-238	-3.21E-05	0.000703	0.000839
	0	1	06/14/77	PU-239,240	0.00401	0.0029	
	0	1	08/09/78	PU-239,240	0.0166	0.0034	
	0	1	09/13/79	PU-239,240	0.0167	0.0028	
	0	1	08/06/80	PU-239,240	0.0157	0.0018	
	0	1	08/21/81	PU-239,240	0.0109	0.0012	
	0	1	08/18/82	PU-239,240	0.00644	0.00186	
	0	1	08/18/83	PU-239,240	0.0208	0.00505	
	0	1	05/30/84	PU-239,240	0.0018	0.0018	0.00186
	0	1	06/19/85	PU-239,240	0.0052	0.000983	0.00112
	0	1	05/22/86	PU-239,240	0.00341	0.000636	0.000726
	0	1	05/15/87	PU-239,240	0.015	0.00123	0.00194
	0	1	06/20/88	PU-239,240	0.0216	0.00165	0.00278
	0	1	05/08/89	PU-239,240	0.00791	0.00106	0.00135
	0	1	08/08/91	PU-239,240	0.0197	0.00212	0.00314
	0	1	07/28/92	PU-239,240	0.00427	0.000659	0.000786
	0	1	06/11/93	PU-239,240	0.00197	0.000528	0.00057
	0	1	08/17/94	PU-239,240	0.00355	0.000663	0.000773
BYERS LANDING	0	1	10/01/71	SR-90	0.098	0	
	1	2	10/01/71	SR-90	0.098	0	
	0	1	10/25/72	SR-90	0.13	0	
	1	2	10/25/72	SR-90	0.177	0	
	0	1	10/25/73	SR-90	0.194	0.0041	
	0	1	09/25/74	SR-90	0.247	0	
	0	1	08/09/76	SR-90	0.0216	0	
	0	1	06/14/77	SR-90	0.167	0.0077	
	0	1	08/09/78	SR-90	0.0543	0.0047	
	0	1	09/13/79	SR-90	0.176	0.0076	
	0	1	08/06/80	SR-90	0.00293	0.0068	
	0	1	08/12/81	SR-90	0.0559	0.0032	
	0	1	08/18/82	SR-90	0.0234	0.00985	
	0	1	08/25/83	SR-90	0.304	0.0195	
	0	1	05/30/84	SR-90	0.0642	0.00761	0.0146

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
BYERS	0	1	06/19/85	SR-90	0.178	0.0164	0.0381
LANDING	0	1	05/22/86	SR-90	0.165	0.0101	0.0324
(contd)	0	1	05/15/87	SR-90	0.0822	0.0105	0.0236
	0	1	06/20/88	SR-90	0.0991	0.00612	0.0198
	0	1	05/10/89	SR-90	0.125	0.00793	0.0255
	0	1	10/04/90	SR-90	0.122	0.00956	0.0239
	0	1	08/08/91	SR-90	0.121	0.00813	0.0306
	0	1	06/23/92	SR-90	0.146	0.00855	0.0283
	0	1	06/29/93	SR-90	0.0874	0.0201	0.0268
	0	1	08/17/94	SR-90	0.146	0.014	0.0291
	1	2	10/01/71	CS-137	0.274	0	
	0	1	10/01/71	CS-137	1.27	0	
	0	1	10/25/72	CS-137	0.836	0	
	1	2	10/25/72	CS-137	0.881	0	
	0	1	10/25/73	CS-137	0.765	0	
	0	1	09/25/74	CS-137	0.694	0	
	0	1	08/09/76	CS-137	0.201	0	
	0	1	06/14/77	CS-137	0.424	0.062	
	0	1	08/09/78	CS-137	1.1	0.095	
	0	1	09/13/79	CS-137	0.937	0.085	
	0	1	08/06/80	CS-137	0.341	0.049	
	0	1	08/21/81	CS-137	0.228	0.024	
	0	1	08/18/82	CS-137	0.279	0.0745	
	0	1	08/25/83	CS-137	0.587	0.048	
	0	1	05/30/84	CS-137	0.202	0.0305	0.0328
	0	1	06/19/85	CS-137	0.193	0.0347	0.0366
	0	1	05/22/86	CS-137	0.504	0.0368	0.0624
	0	1	05/15/87	CS-137	0.227	0.0304	0.038
	0	1	06/20/88	CS-137	0.523	0.034	0.0624
	0	1	05/10/89	CS-137	0.682	0.0425	0.0803
	0	1	10/04/90	CS-137	0.623	0.0451	0.0769
	0	1	08/08/91	CS-137	0.597	0.0377	0.0706
	0	1	06/23/92	CS-137	0.852	0.0377	0.0932
	0	1	06/29/93	CS-137	0.581	0.0463	0.0743
	0	1	08/17/94	CS-137	0.158	0.0519	0.0542
	0	1	10/01/71	PU-238	0.0016	0	
	1	2	10/01/71	PU-238	0.00244	0	
	0	1	10/25/72	PU-238	0.000911	0	
	1	2	10/25/72	PU-238	0.00288	0	
	0	1	10/25/73	PU-238	0.000675	0.003	
	0	1	09/25/74	PU-238	0.000265	0	
	0	1	08/09/76	PU-238	0.00136	0	
	0	1	06/14/77	PU-238	0.000276	0.00089	
	0	1	08/09/78	PU-238	0.00346	0.005	
	0	1	09/13/79	PU-238	0.000329	0.00072	
	0	1	08/06/80	PU-238			
	0	1	08/12/81	PU-238	-0.000506	0.00038	
	0	1	08/18/82	PU-238	0.000604	0.00087	
	0	1	08/25/83	PU-238	0.000362	0.00036	
	0	1	05/30/84	PU-238	0.0036	0.00294	0.00311
	0	1	06/19/85	PU-238	0.00119	0.00045	0.000466
	0	1	05/22/86	PU-238	0.000381	0.00021	0.000215
	0	1	05/15/87	PU-238	0.0000659	0.00011	0.000117
	0	1	06/20/88	PU-238	0.000652	0.00028	0.000287
	0	1	05/10/89	PU-238	0.00142	0.00054	0.000562
	0	1	10/04/90	PU-238	0.00111	0.00056	0.000571
	0	1	08/08/91	PU-238	0.000417	0.00031	0.000309
	0	1	06/23/92	PU-238	0.000854	0.00032	0.000335
	0	1	06/29/93	PU-238	0.000436	0.00027	0.000277
	0	1	08/17/94	PU-238	-6.04E-05	0.00087	0.001
	1	2	10/01/71	PU-239,240	0.008	0	
	0	1	10/01/71	PU-239,240	0.012	0	
	0	1	10/25/72	PU-239,240	0.006	0	
	1	2	10/25/72	PU-239,240	0.013	0	
	0	1	10/25/73	PU-239,240	0.00524	0	
	0	1	09/25/74	PU-239,240	0.00562	0	
	0	1	08/09/76	PU-239,240	0.00287	0	
	0	1	06/14/77	PU-239,240	0.00554	0.0017	
	0	1	08/09/78	PU-239,240	0.000437	0.0037	
	0	1	09/13/79	PU-239,240	0.0182	0.0027	
	0	1	08/06/80	PU-239,240			
	0	1	08/12/81	PU-239,240	0.00492	0.00097	
	0	1	08/18/82	PU-239,240	0.00151	0.0009	
	0	1	08/25/83	PU-239,240	0.0116	0.00205	
	0	1	05/30/84	PU-239,240	0.00659	0.00398	0.0044
	0	1	06/19/85	PU-239,240	0.00274	0.00063	0.000684
	0	1	05/22/86	PU-239,240	0.0079	0.00096	0.00126
	0	1	05/15/87	PU-239,240	0.00345	0.00057	0.000668
	0	1	06/20/88	PU-239,240	0.00975	0.00107	0.00146
	0	1	05/10/89	PU-239,240	0.0138	0.00158	0.0022
	0	1	10/04/90	PU-239,240	0.00901	0.00139	0.00174
	0	1	08/08/91	PU-239,240	0.0133	0.00145	0.00205
	0	1	06/23/92	PU-239,240	0.0204	0.00155	0.0026
	0	1	06/29/93	PU-239,240	0.0131	0.00147	0.00205
	0	1	08/17/94	PU-239,240	0.003	0.00078	0.000865

Table B.2. (contd)

Sample Site	Depth inches	Date	Constituent	Result pCi/g	Counting Error	Analytical Error
BYERS LANDING	1 2	10/01/71	PU	0.00778	0	
(contd)	0 1	10/01/71	PU	0.0123	0	
	0 1	10/25/72	PU	0.00619	0	
	1 2	10/25/72	PU	0.0132	0	
SAGEMORE	0 1	06/14/77	SR-90	0.0113	0.0034	
	0 1	08/09/78	SR-90	0.008	0.0033	
	0 1	09/13/79	SR-90	0.0292	0.0067	
	0 1	08/06/80	SR-90	0.0155	0.0068	
	0 1	08/21/81	SR-90	0.0177	0.0021	
	0 1	11/02/81	SR-90	0.00614	0.0029	
	0 1	08/18/82	SR-90	0.0628	0.0198	
	0 1	08/25/83	SR-90	0.277	0.017	
	0 1	05/30/84	SR-90	0.251	0.0463	0.067
	0 1	07/08/85	SR-90	0.0806	0.0114	0.0193
	0 1	05/22/86	SR-90	0.107	0.017	0.0259
	0 1	05/15/87	SR-90	0.041	0.00759	0.0131
	0 1	04/01/88	SR-90	0.202	0.0109	0.0523
	0 1	05/10/89	SR-90	0.0282	0.00405	0.00707
	0 1	10/04/90	SR-90	0.0378	0.00772	0.0106
	0 1	08/08/91	SR-90	0.135	0.00786	0.0264
	0 1	07/27/92	SR-90	0.0851	0.00806	0.017
	0 1	06/14/93	SR-90	0.0729	0.00779	0.0153
	0 1	08/17/94	SR-90	0.0662	0.00764	0.0176
	0 1	06/14/77	CS-137	0.0706	0.032	
	0 1	08/09/78	CS-137	0.118	0.036	
	0 1	09/13/79	CS-137	0.0895	0.03	
	0 1	08/06/80	CS-137	0.551	0.063	
	0 1	08/12/81	CS-137	0.0449	0.016	
	0 1	08/12/81	CS-137	0.0589	0.015	
	0 1	08/18/82	CS-137	0.0586	0.0372	
	0 1	08/25/83	CS-137	0.141	0.0264	
	0 1	05/30/84	CS-137	1.02	0.0642	0.0889
	0 1	07/08/85	CS-137	0.103	0.0225	0.0233
	0 1	05/22/86	CS-137	0.321	0.0393	0.0508
	0 1	05/15/87	CS-137	0.117	0.0241	0.0268
	0 1	04/01/88	CS-137	0.978	0.0417	0.106
	0 1	05/10/89	CS-137	0.121	0.0237	0.0266
	0 1	10/04/90	CS-137	0.106	0.0244	0.0266
	0 1	08/08/91	CS-137	0.473	0.0363	0.0596
	0 1	07/27/92	CS-137	0.421	0.0611	0.0742
	0 1	06/14/93	CS-137	0.412	0.0681	0.0796
	0 1	08/17/94	CS-137	0.323	0.0856	0.0915
	0 1	06/14/77	PU-238	0.000953	0.0013	
	0 1	08/09/78	PU-238	-0.00068	0.0013	
	0 1	09/13/79	PU-238	0.000594	0.0014	
	0 1	08/06/80	PU-238	0.00688	0.0015	
	0 1	08/12/81	PU-238	0.00192	0.00067	
	0 1	11/02/81	PU-238	-0.000436	0.00035	
	0 1	08/18/82	PU-238	-0.00073	0.000296	
	0 1	08/25/83	PU-238	0.00113	0.000563	
	0 1	05/30/84	PU-238	0.000604	0.000382	0.000386
	0 1	07/08/85	PU-238	0.0000887	0.000159	0.00016
	0 1	05/22/86	PU-238	0.000428	0.000214	0.000218
	0 1	05/15/87	PU-238	2.76E-06	7.79E-05	9.17E-05
	0 1	04/01/88	PU-238	0.000892	0.000332	0.000345
	0 1	05/10/89	PU-238	0.000645	0.000287	0.000295
	0 1	10/04/90	PU-238	0.00224	0.000904	0.000954
	0 1	08/08/91	PU-238	0.000187	0.000174	0.000176
	0 1	07/27/92	PU-238	0.000249	0.00016	0.000162
	0 1	06/14/93	PU-238	0.000803	0.000358	0.000369
	0 1	08/17/94	PU-238	-0.000696	0.000926	0.00102
	0 1	06/14/77	PU-239,240	0.0021	0.0014	
	0 1	08/09/78	PU-239,240	0.00308	0.0022	
	0 1	09/13/79	PU-239,240	0.00123	0.0014	
	0 1	08/06/80	PU-239,240	0.00787	0.0015	
	0 1	08/12/81	PU-239,240	0.00277	0.00067	
	0 1	11/02/81	PU-239,240	0.0012	0.00057	
	0 1	08/18/82	PU-239,240	0.00262	0.000868	
	0 1	08/25/83	PU-239,240	0.00791	0.00145	
	0 1	05/30/84	PU-239,240	0.0189	0.00214	0.00279
	0 1	07/08/85	PU-239,240	0.00182	0.000524	0.000554
	0 1	05/22/86	PU-239,240	0.00612	0.000812	0.00102
	0 1	05/15/87	PU-239,240	0.00182	0.00045	0.000488
	0 1	04/01/88	PU-239,240	0.0198	0.00155	0.00256
	0 1	05/10/89	PU-239,240	0.00187	0.000473	0.000511
	0 1	10/04/90	PU-239,240	0.00141	0.000761	0.000786
	0 1	08/08/91	PU-239,240	0.00936	0.00105	0.00142
	0 1	07/27/92	PU-239,240	0.00661	0.000801	0.00104
	0 1	06/14/93	PU-239,240	0.0106	0.00129	0.00172
	0 1	08/17/94	PU-239,240	0.00605	0.00127	0.00149
SAGEMORE (QC_SAMP)	0 1	8/18/82	SR-90	0.0568	0.00637	
	0 1	8/25/83	SR-90	0.447	0.0301	
SAGEMORE (QC_SAMP) (contd)	0 1	5/30/84	SR-90	0.158	0.0169	0.035
	0 1	7/8/85	SR-90	0.0611	0.01	0.0155
	0 1	5/22/86	SR-90	0.132	0.011	0.0274
	0 1	5/15/87	SR-90	0.0894	0.0116	0.0262
	0 1	6/20/88	SR-90	0.166	0.0082	0.0327
	0 1	5/10/89	SR-90	0.0425	0.00455	0.00988
	0 1	8/8/91	SR-90	0.112	0.0106	0.0234
	0 1	6/14/93	SR-90	0.0679	0.00741	0.0141
	0 1	8/17/94	SR-90	0.0877	0.00997	0.0192
	0 1	8/18/82	CS-137	0.404	0.064	
	0 1	8/25/83	CS-137	0.0915	0.0243	
	0 1	5/30/84	CS-137	1.04	0.0662	0.0909
	0 1	7/8/85	CS-137	0.00331	0.036	0.036
	0 1	5/22/86	CS-137	0.244	0.0348	0.0425
	0 1	5/15/87	CS-137	0.281	0.0315	0.0422
	0 1	6/20/88	CS-137	0.922	0.0523	0.106
	0 1	5/10/89	CS-137	0.132	0.0247	0.028
	0 1	8/8/91	CS-137	0.568	0.0443	0.0721
	0 1	6/14/93	CS-137	0.327	0.0595	0.0679
	0 1	8/17/94	CS-137	0.526	0.084	0.0991
	0 1	8/18/82	PU-238	-0.000462	0.00068	
	0 1	8/25/83	PU-238	0.000265	0.00032	
	0 1	5/30/84	PU-238	0.000928	0.00056	0.000568
	0 1	7/8/85	PU-238	0.0000921	0.00015	0.000153
	0 1	5/22/86	PU-238	0.000209	0.00019	0.000188
	0 1	5/15/87	PU-238	0.000259	0.00024	0.000242
	0 1	6/20/88	PU-238	0.000411	0.00023	0.000233
	0 1	5/10/89	PU-238	0.000402	0.00032	0.00032
	0 1	8/8/91	PU-238	0.000866	0.00046	0.000476
	0 1	6/14/93	PU-238	0.00077	0.00033	0.000339
	0 1	8/17/94	PU-238	-0.000501	0.00091	0.00101
	0 1	8/18/82	PU-239,240	0.0029	0.00148	
	0 1	8/25/83	PU-239,240	0.00459	0.00101	
	0 1	5/30/84	PU-239,240	0.0212	0.00268	0.00344
	0 1	7/8/85	PU-239,240	0.00155	0.00051	0.000533
	0 1	5/22/86	PU-239,240	0.00317	0.00073	0.000806
	0 1	5/15/87	PU-239,240	0.00352	0.00079	0.000886
	0 1	6/20/88	PU-239,240	0.0136	0.00129	0.00191
	0 1	5/10/89	PU-239,240	0.00111	0.00052	0.000537
	0 1	8/8/91	PU-239,240	0.0144	0.00186	0.00254
	0 1	6/14/93	PU-239,240	0.00807	0.00105	0.00135
	0 1	8/17/94	PU-239,240	0.00971	0.00154	0.00195
SAGEMORE (QC_SAMP_ DUP)	0 1	8/18/82	SR-90	0.053	0.0129	
	0 1	8/25/83	SR-90	0.41	0.0248	
	0 1	5/30/84	SR-90	0.175	0.0273	0.0437
	0 1	7/8/85	SR-90	0.0634	0.0122	0.0173
	0 1	5/22/86	SR-90	0.13	0.0099	0.0266
	0 1	5/15/87	SR-90	0.0644	0.0106	0.0201
	0 1	6/20/88	SR-90	0.191	0.00942	0.037
	0 1	5/10/89	SR-90	0.0264	0.0039	0.00677
	0 1	8/8/91	SR-90	0.124	0.0112	0.0263
	0 1	6/14/93	SR-90	0.034	0.00509	0.00799
	0 1	8/17/94	SR-90	0.0792	0.00818	0.0191
	0 1	8/18/82	CS-137	0.188	0.0274	
	0 1	8/25/83	CS-137	0.134	0.0265	
	0 1	5/30/84	CS-137	1.11	0.0559	0.0871
	0 1	7/8/85	CS-137	0.0716	0.0207	0.0212
	0 1	5/22/86	CS-137	0.294	0.0346	0.0455
	0 1	5/15/87	CS-137	0.329	0.0364	0.049
	0 1	6/20/88	CS-137	0.817	0.0489	0.0952
	0 1	5/10/89	CS-137	0.134	0.0263	0.0295
	0 1	8/8/91	CS-137	0.547	0.0435	0.0699
	0 1	6/14/93	CS-137	0.158	0.0567	0.0588
	0 1	8/17/94	CS-137	0.507	0.0714	0.0876
	0 1	8/18/82	PU-238	0.00114	0.00089	
	0 1	8/25/83	PU-238	0.00132	0.00118	
	0 1	5/30/84	PU-238	0.000819	0.00058	0.00059
	0 1	7/8/85	PU-238	0.000262	0.00022	0.000222
	0 1	5/22/86	PU-238	0.000635	0.00028	0.000283
	0 1	5/15/87	PU-238	0.0000824	0.00014	0.000144
	0 1	6/20/88	PU-238	0.00052	0.00032	0.000329
	0 1	5/10/89	PU-238	0.000261	0.00018	0.000178
	0 1	8/8/91	PU-238	0.000239	0.00023	0.000231
	0 1	6/14/93	PU-238	0.000285	0.00027	0.000272
	0 1	8/17/94	PU-238	0.00109	0.00113	0.00129
	0 1	8/18/82	PU-239,240	0.00249	0.00101	
	0 1	8/25/83	PU-239,240	0.00158	0.00129	
	0 1	5/30/84	PU-239,240	0.0102	0.00205	0.00247
	0 1	7/8/85	PU-239,240	0.00164	0.00049	0.000513
	0 1	5/22/86	PU-239,240	0.00477	0.00073	0.000871
	0 1	5/15/87	PU-239,240	0.0031	0.00065	0.000728
	0 1	6/20/88	PU-239,240	0.0165	0.00179	0.0026
	0 1	5/10/89	PU-239,240	0.000446	0.00023	0.000234

Table B.2. (contd)

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
SAGEMORE	0	1	8/8/91	PU-239,240	0.0136	0.00167	0.00229
(QC_SAMP_DUP)	0	1	6/14/93	PU-239,240	0.00244	0.000769	0.000823
(contd)	0	1	8/17/94	PU-239,240	0.00924	0.00153	0.00192
FIR ROAD	0	1	06/14/77	SR-90	0.15	0.0077	
	0	1	08/09/78	SR-90	0.0107	0.0032	
	0	1	09/13/79	SR-90	0.121	0.0089	
	0	1	08/06/80	SR-90	0.171	0.0068	
	0	1	08/12/81	SR-90	0.0506	0.0031	
	0	1	08/20/82	SR-90	0.0701	0.00675	
	0	1	08/18/83	SR-90	1.18	0.0311	
	0	1	05/31/84	SR-90	0.143	0.0151	0.0329
	0	1	07/03/85	SR-90	0.0911	0.0121	0.0216
	0	1	05/22/86	SR-90	0.12	0.0178	0.0283
	0	1	05/15/87	SR-90	0.0536	0.0078	0.0159
	0	1	06/20/88	SR-90	0.0798	0.00654	0.0166
	0	1	05/10/89	SR-90	0.199	0.00989	0.0401
	0	1	06/11/93	SR-90	0.0202	0.00431	0.0058
	0	1	06/14/77	CS-137	0.399	0.06	
	0	1	08/09/78	CS-137	0.392	0.059	
	0	1	09/13/79	CS-137	0.571	0.069	
	0	1	08/06/80	CS-137	0.185	0.04	
	0	1	08/12/81	CS-137	0.147	0.02	
	0	1	08/20/82	CS-137	0.347	0.0546	
	0	1	08/18/83	CS-137	0.25	0.0345	
	0	1	05/31/84	CS-137	0.116	0.0308	0.0316
	0	1	07/03/85	CS-137	0.141	0.0246	0.026
	0	1	05/22/86	CS-137	0.254	0.0302	0.0395
	0	1	05/15/87	CS-137	0.227	0.0333	0.0403
	0	1	06/20/88	CS-137	0.284	0.0348	0.0449
	0	1	05/10/89	CS-137	1.25	0.0594	0.139
	0	1	06/11/93	CS-137	0.0143	0.026	0.0261
	0	1	06/14/77	PU-238	-0.000308	0.00072	
	0	1	08/09/78	PU-238	0.000938	0.0017	
	0	1	09/13/79	PU-238	-0.000183	0.00077	
	0	1	08/06/80	PU-238	0.000122	0.00065	
	0	1	08/12/81	PU-238	0.000909	0.00066	
	0	1	08/20/82	PU-238	-8.44E-05	0.000562	
	0	1	08/18/83	PU-238	0.000342	0.000395	
	0	1	05/31/84	PU-238	0.000497	0.000702	0.000709
	0	1	07/03/85	PU-238	0.0002	0.000179	0.00018
	0	1	05/22/86	PU-238	0.000412	0.00022	0.000224
	0	1	05/15/87	PU-238	0.000057	0.000126	0.000136
	0	1	06/20/88	PU-238	0.000133	0.000182	0.000184
	0	1	05/10/89	PU-238	0.000913	0.000323	0.000337
	0	1	06/11/93	PU-238	0.000279	0.000241	0.000244
	0	1	06/14/77	PU-239,240	0.00564	0.0018	
	0	1	08/09/78	PU-239,240	0.00437	0.0024	
	0	1	09/13/79	PU-239,240	0.00978	0.0027	
	0	1	08/06/80	PU-239,240	0.00824	0.0017	
	0	1	08/12/81	PU-239,240	0.00388	0.00095	
	0	1	08/20/82	PU-239,240	0.00476	0.00134	
	0	1	08/18/83	PU-239,240	0.00593	0.00166	
	0	1	05/31/84	PU-239,240	0.00223	0.00149	0.00155
	0	1	07/03/85	PU-239,240	0.00172	0.000525	0.000553
	0	1	05/22/86	PU-239,240	0.00405	0.00069	0.000805
	0	1	05/15/87	PU-239,240	0.00289	0.000651	0.000722
	0	1	06/20/88	PU-239,240	0.00443	0.000814	0.000944
	0	1	05/10/89	PU-239,240	0.028	0.00178	0.00335
	0	1	06/11/93	PU-239,240	0.000566	0.00034	0.000348
TAYLOR FLATS NO. 2	0	1	08/10/78	SR-90	0.00653	0.0034	
	0	1	09/13/79	SR-90	0.338	0.0099	
	0	1	08/06/80	SR-90	0.253	0.011	
	0	1	01/22/81	SR-90	0.19	0.02	
	0	1	08/14/81	SR-90	0.253	0.0089	
	0	1	11/03/81	SR-90	0.0845	0.0031	
	0	1	11/03/81	SR-90	0.11	0.011	
	0	1	08/20/82	SR-90	0.125	0.0026	
	0	1	08/26/83	SR-90	0.234	0.0591	
	0	1	05/30/84	SR-90	2.31	0.0387	
	0	1	07/08/85	SR-90	0.0419	0.00821	0.0116
	0	1	05/22/86	SR-90	0.0455	0.00874	0.0125
	0	1	05/15/87	SR-90	0.355	0.0191	0.0673
	0	1	06/20/88	SR-90	0.0974	0.0101	0.0267
	0	1	05/10/89	SR-90	0.0604	0.00509	0.0123
	0	1	10/04/90	SR-90	0.158	0.00909	0.0306
	0	1	06/14/93	SR-90	0.0229	0.00488	0.00663
	0	1	08/10/78	SR-90	0.0458	0.00561	0.0104
	0	1	09/13/79	CS-137	0.0912	0.034	
	0	1	08/06/80	CS-137	1.6	0.11	
	0	1	01/22/81	CS-137	1.4	0.11	
	0	1	08/14/81	CS-137	0.27	0.021	
	0	1	08/14/81	CS-137	1.07	0.051	

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
TAYLOR	0	1	11/03/81	CS-137	0.316	0.029	
FLATS NO. 2	0	1	11/03/81	CS-137	0.372	0.018	
(contd)	0	1	11/03/81	CS-137	0.405	0.032	
	0	1	08/20/82	CS-137	0.605	0.0488	
	0	1	08/26/83	CS-137	2.18	0.0702	
	0	1	05/30/84	CS-137	0.0842	0.031	0.0314
	0	1	07/08/85	CS-137	0.0854	0.0281	0.0286
	0	1	05/22/86	CS-137	1.19	0.132	0.132
	0	1	05/15/87	CS-137	0.604	0.0548	0.0815
	0	1	06/20/88	CS-137	0.39	0.0377	0.0542
	0	1	05/10/89	CS-137	0.785	0.0592	0.0983
	0	1	10/04/90	CS-137	0.102	0.0206	0.023
	0	1	06/14/93	CS-137	0.139	0.0546	0.0563
	0	1	08/10/78	PU-238	0.000104	0.003	
	0	1	09/13/79	PU-238	0.000991	0.00074	
	0	1	08/06/80	PU-238	0.00487	0.0017	
	0	1	01/22/81	PU-238	0.00219	0.0008	
	0	1	08/14/81	PU-238	0.00165	0.00062	
	0	1	11/03/81	PU-238	-0.000571	0.00026	
	0	1	11/03/81	PU-238	-0.000471	0.00026	
	0	1	11/03/81	PU-238	-1.52E-05	0.00035	
	0	1	08/20/82	PU-238	0.000965	0.00124	
	0	1	08/26/83	PU-238	0.00112	0.001	
	0	1	05/30/84	PU-238	0.0000847	0.00014	0.000141
	0	1	07/08/85	PU-238	0.000224	0.00018	0.000178
	0	1	05/22/86	PU-238	0.000529	0.00053	0.000535
	0	1	05/15/87	PU-238	0.000462	0.00026	0.000267
	0	1	06/20/88	PU-238	0.000186	0.00018	0.000183
	0	1	05/10/89	PU-238	0.00116	0.00039	0.000412
	0	1	10/04/90	PU-238	0.0000579	0.00011	0.000106
	0	1	06/14/93	PU-238	0.00083	0.00049	0.000501
	0	1	08/10/78	PU-239,240	-0.00018	0.0025	
	0	1	09/13/79	PU-239,240	0.0252	0.0026	
	0	1	08/06/80	PU-239,240	0.0261	0.0035	
	0	1	01/22/81	PU-239,240	0.016	0.0017	
	0	1	08/14/81	PU-239,240	0.0425	0.0024	
	0	1	11/03/81	PU-239,240	0.00378	0.00071	
	0	1	11/03/81	PU-239,240	0.00494	0.00077	
	0	1	11/03/81	PU-239,240	0.00582	0.00088	
	0	1	08/20/82	PU-239,240	0.0157	0.00316	
	0	1	08/26/83	PU-239,240	0.0311	0.00528	
	0	1	05/30/84	PU-239,240	0.00135	0.00046	0.000474
	0	1	07/08/85	PU-239,240	0.000753	0.0003	0.000309
	0	1	05/22/86	PU-239,240	0.0205	0.00331	0.00456
	0	1	05/15/87	PU-239,240	0.0109	0.00118	0.00164
	0	1	06/20/88	PU-239,240	0.00442	0.00085	0.000976
	0	1	05/10/89	PU-239,240	0.0149	0.0014	0.00209
	0	1	10/04/90	PU-239,240	0.000381	0.00029	0.000289
	0	1	06/14/93	PU-239,240	0.0052	0.00122	0.00137
RINGOLD	0	1	10/01/71	SR-90	0.118	0	
	1	2	10/01/71	SR-90	0.995	0	
	1	2	10/25/72	SR-90	0.0797	0	
	0	1	10/25/72	SR-90	0.117	0	
	0	1	10/25/73	SR-90	0.0381	0.0023	
	0	1	08/19/75	SR-90	0.0729	0	
	0	1	08/09/76	SR-90	0.0172	0	
	0	1	06/14/77	SR-90	0.00332	0.0034	
	0	1	08/09/78	SR-90	0.0256	0.0036	
	0	1	09/13/79	SR-90	0.177	0.012	
	0	1	08/06/80	SR-90	0.0696	0.0068	
	0	1	08/12/81	SR-90	0.2	0.0022	
	0	1	08/20/82	SR-90	0.0848	0.039	
	0	1	08/18/83	SR-90	1.75	0.0321	
	0	1	05/30/84	SR-90	0.241	0.0143	0.0499
	0	1	07/08/85	SR-90	0.198	0.0179	0.0422
	0	1	05/22/86	SR-90	0.262	0.0244	0.0541
	0	1	05/15/87	SR-90	0.208	0.014	0.0546
	0	1	04/01/88	SR-90	0.285	0.0129	0.0731
	0	1	05/10/89	SR-90	0.151	0.00855	0.0297
	0	1	10/08/90	SR-90	0.121	0.0121	0.0244
	0	1	08/08/91	SR-90	0.203	0.014	0.0405
	0	1	07/28/92	SR-90	0.137	0.00815	0.0267
	0	1	06/29/93	SR-90	0.0595	0.00905	0.0165
	0	1	08/17/94	SR-90	0.0367	0.00723	0.00999
	1	2	10/01/71	CS-137	0.0323	0	
	0	1	10/01/71	CS-137	0.408	0	
	1	2	10/25/72	CS-137	0.048	0	
	0	1	10/25/72	CS-137	0.4	0	
	0	1	10/25/73	CS-137	0	0	
	0	1	08/19/75	CS-137	0.171	0	
	0	1	08/09/76	CS-137	0.434	0	
	0	1	06/14/77	CS-137	0.207	0.046	
	0	1	08/0978	CS-137	0.967	0.087	

Table B.2. (contd)

Sample Site	Depth inches		Date	Constituent	Result pCi/g	Counting Error	Analytical Error
RINGOLD (contd)	0	1	09/13/79	CS-137	0.692	0.076	
	0	1	08/06/80	CS-137	0.678	0.069	
	0	1	08/12/81	CS-137	0.938	0.048	
	0	1	08/20/82	CS-137	0.826	0.0551	
	0	1	08/18/83	CS-137	1.56	0.0805	
	0	1	05/30/94	CS-137	0.444	0.0436	0.0511
	0	1	07/08/85	CS-137	1.12	0.0458	0.0813
	0	1	05/22/86	CS-137	0.398	0.0428	0.0585
	0	1	05/15/87	CS-137	1.02	0.0613	0.119
	0	1	04/01/88	CS-137	1.78	0.0587	0.187
	0	1	05/10/89	CS-137	1.72	0.0756	0.188
	0	1	10/08/90	CS-137	0.583	0.0422	0.072
	0	1	08/08/91	CS-137	0.726	0.0504	0.0884
	0	1	07/28/92	CS-137	0.947	0.0717	0.119
	0	1	06/29/93	CS-137	0.446	0.0297	0.0536
	0	1	08/17/94	CS-137	0.123	0.0481	0.0497
	0	1	10/01/71	PU-238	0.0019	0	
	1	2	10/01/71	PU-238	0.0029	0	
	0	1	10/25/72	PU-238	0.00536	0	
	1	2	10/25/72	PU-238	0.0159	0	
	0	1	10/25/73	PU-238	0.000134	0.003	
	0	1	08/19/75	PU-238	0.00122	0	
	0	1	08/09/76	PU-238	0.000897	0	
	0	1	06/14/77	PU-238	0.00322	0.0026	
	0	1	08/09/78	PU-238	0.00107	0.0015	
	0	1	09/13/79	PU-238	0.00222	0.0012	
	0	1	08/06/80	PU-238	0.00152	0.00095	
	0	1	08/21/81	PU-238	0.000525	0.00064	
	0	1	08/20/82	PU-238	-0.000373	0.000632	
	0	1	08/18/83	PU-238	0	0	
	0	1	05/30/84	PU-238	0.000532	0.000362	0.000365
	0	1	07/08/85	PU-238	0.000267	0.000275	0.000277
	0	1	05/22/86	PU-238	0.0000891	0.000103	0.000103
	0	1	05/15/87	PU-238	0.00073	0.000359	0.000372
	0	1	04/01/88	PU-238	0.00135	0.000443	0.000466
	0	1	05/10/89	PU-238	0.00196	0.000708	0.000747
	0	1	10/08/90	PU-238	0.00251	0.000581	0.000637
	0	1	08/08/91	PU-238	0.0015	0.000606	0.000634
	0	1	07/28/92	PU-238	0.000844	0.000366	0.000377
	0	1	06/29/93	PU-238	0.000637	0.000335	0.000343
	0	1	08/17/94	PU-238	0.000148	0.000751	0.000891
	0	1	10/01/71	PU-239,240	0.006	0	
	1	2	10/01/71	PU-239,240	0.008	0	
	0	1	10/25/72	PU-239,240	0.008	0	
	1	2	10/25/72	PU-239,240	0.022	0	
	0	1	10/25/73	PU-239,240	0.000029	0	
	0	1	08/19/75	PU-239,240	0.00443	0	
	0	1	08/09/76	PU-239,240	0.00344	0	
	0	1	06/14/77	PU-239,240	0.00464	0.0028	
	0	1	08/09/78	PU-239,240	0.0174	0.0037	
	0	1	09/13/79	PU-239,240	0.0183	0.0029	
	0	1	08/06/80	PU-239,240	0.0179	0.0026	
	0	1	08/12/81	PU-239,240	0.0214	0.0022	
	0	1	08/20/82	PU-239,240	0.0129	0.00243	
	0	1	08/18/83	PU-239,240	0.0277	0.00518	
	0	1	05/30/84	PU-239,240	0.00745	0.00123	0.0014
	0	1	07/08/85	PU-239,240	0.017	0.00162	0.00236
	0	1	05/22/86	PU-239,240	0.00619	0.000857	0.00107
	0	1	05/15/87	PU-239,240	0.0168	0.00166	0.00249
	0	1	04/01/88	PU-239,240	0.0331	0.00218	0.00415
	0	1	05/10/89	PU-239,240	0.0289	0.00272	0.00443
	0	1	10/08/90	PU-239,240	0.0112	0.00117	0.00164
	0	1	08/08/91	PU-239,240	0.0183	0.00214	0.00309
	0	1	07/28/92	PU-239,240	0.0214	0.00175	0.00287
	0	1	06/29/93	PU-239,240	0.00627	0.000983	0.00119
	0	1	08/17/94	PU-239,240	0.00177	0.000522	0.000568
	0	1	10/01/71	PU	0.0061	0	
	1	2	10/01/71	PU	0.0084	0	
	0	1	10/25/72	PU	0.00795	0	
	1	2	10/25/72	PU	0.0224	0	
BERG RANCH	1	2	09/29/71	SR-90	0.34	0	
	0	1	09/30/71	SR-90	0.34	0	
	1	2	10/25/72	SR-90	0.07	0	
	0	1	10/25/72	SR-90	0.202	0	
	0	1	10/25/73	SR-90	0.322	0.0052	
	0	1	09/23/74	SR-90	0.0478	0	
	0	1	08/19/75	SR-90	0.175	0	
	0	1	08/09/76	SR-90	0.0285	0	
	0	1	06/14/77	SR-90	0	0.0034	
	0	1	08/09/78	SR-90	0.00972	0.0033	
	0	1	09/13/79	SR-90	0.301	0.0099	
	0	1	08/06/80	SR-90	0.141	0.0068	
	0	1	08/11/81	SR-90	0.107	0.0056	
BERG	0	1	08/11/81	SR-90	0.108	0.0045	
RANCH	0	1	08/20/82	SR-90	0.203	0.091	
(contd)	0	1	08/26/83	SR-90	0.923	0.0226	
	0	1	05/30/84	SR-90	0.197	0.0189	0.0426
	0	1	06/26/85	SR-90	0.149	0.0168	0.0334
	0	1	05/02/86	SR-90	0.204	0.00926	0.0413
	0	1	05/26/87	SR-90	0.196	0.0136	0.0515
	0	1	06/10/88	SR-90	0.101	0.00691	0.0204
	0	1	05/09/89	SR-90	0.0922	0.00659	0.0199
	0	1	10/08/90	SR-90	0.138	0.012	0.0283
	0	1	06/09/93	SR-90	0.14	0.0114	0.0283
	1	2	09/29/71	CS-137	0	0	
	0	1	09/30/71	CS-137	0.569	0	
	1	2	10/25/72	CS-137	0.012	0	
	0	1	10/25/72	CS-137	0.226	0	
	0	1	10/25/73	CS-137	0.822	0	
	0	1	09/23/74	CS-137	0.451	0	
	0	1	08/19/75	CS-137	0.322	0	
	0	1	08/09/76	CS-137	0.295	0	
	0	1	06/14/77	CS-137	1.38	0.11	
	0	1	08/09/78	CS-137	0.548	0.068	
	0	1	09/13/79	CS-137	0.863	0.085	
	0	1	08/06/80	CS-137	0.582	0.064	
	0	1	08/11/81	CS-137	0.396	0.024	
	0	1	08/11/81	CS-137	0.485	0.038	
	0	1	08/20/82	CS-137	0.834	0.0512	
	0	1	08/26/83	CS-137	0.608	0.0453	
	0	1	05/30/84	CS-137	0.494	0.0457	0.0544
	0	1	06/26/85	CS-137	0.579	0.0521	0.0626
	0	1	05/02/86	CS-137	0.602	0.0454	0.0754
	0	1	05/26/87	CS-137	0.31	0.0354	0.0471
	0	1	06/10/88	CS-137	0.347	0.0316	0.0469
	0	1	05/09/89	CS-137	0.453	0.0424	0.062
	0	1	10/08/90	CS-137	0.637	0.0421	0.0764
	0	1	06/09/93	CS-137	0.617	0.0381	0.0725
	1	2	09/29/71	PU-238	0.003	0	
	0	1	09/29/71	PU-238	0.0067	0	
	0	1	10/25/72	PU-238	0.000601	0	
	1	2	10/25/72	PU-238	0.016	0	
	0	1	10/25/73	PU-238	0.00133	0.003	
	0	1	09/23/74	PU-238	0.000312	0	
	0	1	08/19/75	PU-238	-0.00028	0	
	0	1	08/09/76	PU-238	0.00444	0	
	0	1	06/14/77	PU-238	0.00394	0.0032	
	0	1	08/09/78	PU-238	-0.000404	0.0016	
	0	1	09/13/79	PU-238	0.000149	0.00076	
	0	1	08/06/80	PU-238	0.00142	0.00089	
	0	1	08/11/81	PU-238	-0.000189	0.00034	
	0	1	08/11/81	PU-238	0.000431	0.00061	
	0	1	08/20/82	PU-238	-0.000499	0.0005	
	0	1	08/26/83	PU-238	0.00116	0.00085	
	0	1	05/30/84	PU-238	0.000391	0.00033	0.000336
	0	1	06/26/85	PU-238	0.000104	0.0001	0.000105
	0	1	05/02/86	PU-238	0.000574	0.00041	0.000411
	0	1	05/26/87	PU-238	0.000142	0.00017	0.000182
	0	1	06/10/88	PU-238	0.000335	0.0002	0.000206
	0	1	05/09/89	PU-238	0.000157	0.00025	0.000246
	0	1	10/08/90	PU-238	0.0011	0.0005	0.000519
	0	1	06/09/93	PU-238	0.000291	0.00018	0.000186
	1	2	09/29/71	PU-239,240	0.003	0	
	0	1	09/30/71	PU-239,240	0.012	0	
	1	2	10/25/72	PU-239,240	0.002	0	
	0	1	10/25/72	PU-239,240	0.007	0	
	0	1	10/25/73	PU-239,240	0.0158	0	
	0	1	09/23/74	PU-239,240	0.00715	0	
	0	1	08/19/75	PU-239,240	0.00818	0	
	0	1	08/09/76	PU-239,240	0.00561	0	
	0	1	06/14/77	PU-239,240	0.0268	0.0067	
	0	1	08/09/78	PU-239,240	0.00426	0.0027	
	0	1	09/13/79	PU-239,240	0.013	0.0026	
	0	1	08/06/80	PU-239,240	0.00887	0.0018	
	0	1	08/11/81	PU-239,240	0.00868	0.0015	
	0	1	08/11/81	PU-239,240	0.00968	0.0011	
	0	1	08/20/82	PU-239,240	0.0118	0.00233	
	0	1	08/26/83	PU-239,240	0.0135	0.00284	
	0	1	05/30/84	PU-239,240	0.0097	0.0015	0.00176
	0	1	06/26/85	PU-239,240	0.0106	0.00105	0.00144
	0	1	05/02/86	PU-239,240	0.012	0.00151	0.00203
	0	1	05/26/87	PU-239,240	0.00612	0.00098	0.00118
	0	1	06/10/88	PU-239,240	0.0083	0.00099	0.00131
	0	1	05/09/89	PU-239,240	0.00914	0.0018	0.00217
	0	1	10/08/90	PU-239,240	0.0124	0.00144	0.00198
	0	1	06/09/93	PU-239,240	0.0125	0.00109	0.00165
	1	2	09/29/71	PU	0.0026	0	

Table B.2. (contd)

Sample Site	Depth inches	Date	Constituent	Result pCi/g	Counting Error	Analytical Error	Sample Site	Depth inches	Date	Constituent	Result pCi/g	Counting Error	Analytical Error
BERG RANCH	0 1	9/29/71	PU	0.012	0								
(contd)	1 2	10/25/72	PU	0.00207	0								
	0 1	10/25/72	PU	0.00691	0								

Appendix C

Global Positioning System (GPS) Readings for 20 Long-Term Soil Sampling Locations

Appendix C

Global Positioning System (GPS) Readings for 20 Long-Term Soil Sampling Locations

The Global Positioning System (GPS) reading obtained at each long-term soil sampling site on September 16 and 17, 1996 are listed below. The GPS data are for the Washington State Plane (NAD-83) Coordinate System with meters as the unit of measurement.

Table C.1. GPS Descriptions of Long-Term Soil Sampling Locations

Datum:	NAD-83
Ellipsoid:	GRS80
Coordinates:	State Plane NAD-83
Projection:	Lambert
SP ZONE:	WASHINGTON SOUTH 4602
Units:	METERS

Onsite Sampling Locations			
X Position	**Y Position**	**Date**	**Location Name**
565674	156293	9/16/96	Wahluke Slope No. 2
559280	138657	9/16/96	Yakima Barricade
568447	136137	9/17/96	East of 200 West Area
573714	137817	9/17/96	200 ENC
576315	134592	9/17/96	200 ESE
584226	139807	9/17/96	Hanford Townsite
587939	122656	9/17/96	SE FFTF
587936	123337	9/17/96	NE FFTF
585106	128238	9/17/96	Wye Barricade
583681	118275	9/16/96	Prosser Barricade
574657	118316	9/17/96	ALE

Table C.1. (contd)

Offsite Sampling Locations			
X Position	**Y Position**	**Date**	**Location Name**
577989	111904	9/16/96	Benton City
542335	118579	9/16/96	Sunnyside
596658	104928	9/16/96	Harris Farm
596616	114789	9/16/96	Byers Landing
596524	116256	9/16/96	Sagemoor
595986	124268	9/16/96	Fir Road
595595	120949	9/16/96	Taylor Flats No. 2
595847	129571	9/16/96	Ringold
588293	156850	9/16/96	Berg Ranch

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