

NOTE: "Sig" is significance, with "Yes" meaning detectable and "No" meaning less than the analytical method detection limit. If the uncertainty (standard deviation) is large, the significance may also be set to "No".

Data Table 5-20 Radioactivity in Deer Bone

Summary Statistic Section

2014 Radioactivity in Deer Bone : Units are pCi/g

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
Wildlife Compartment # 13	Sr-89/90	N	5	NA	NA
Wildlife Compartment # 13	Sr-89/90	Mean	4.67E+00	1.49E-01	NA
Wildlife Compartment # 13	Sr-89/90	Minimum	2.49E+00	2.10E-01	Yes
Wildlife Compartment # 13	Sr-89/90	Maximum	8.38E+00	5.07E-01	Yes
Wildlife Compartment # 14	Sr-89/90	N	4	NA	NA
Wildlife Compartment # 14	Sr-89/90	Mean	3.61E+00	1.50E-01	NA
Wildlife Compartment # 14	Sr-89/90	Minimum	2.97E+00	2.64E-01	Yes
Wildlife Compartment # 14	Sr-89/90	Maximum	4.65E+00	3.52E-01	Yes
Wildlife Compartment # 15	Sr-89/90	N	6	NA	NA
Wildlife Compartment # 15	Sr-89/90	Mean	4.14E+00	1.35E-01	NA
Wildlife Compartment # 15	Sr-89/90	Minimum	1.97E+00	2.08E-01	Yes
Wildlife Compartment # 15	Sr-89/90	Maximum	6.22E+00	4.26E-01	Yes
Wildlife Compartment # 16	Sr-89/90	N	5	NA	NA
Wildlife Compartment # 16	Sr-89/90	Mean	2.34E+00	1.05E-01	NA
Wildlife Compartment # 16	Sr-89/90	Minimum	2.86E-01	2.63E-02	Yes
Wildlife Compartment # 16	Sr-89/90	Maximum	3.57E+00	3.00E-01	Yes
Wildlife Compartment # 17	Sr-89/90	N	2	NA	NA
Wildlife Compartment # 17	Sr-89/90	Mean	4.47E+00	2.55E-01	NA
Wildlife Compartment # 17	Sr-89/90	Minimum	3.24E+00	2.64E-01	Yes
Wildlife Compartment # 17	Sr-89/90	Maximum	5.70E+00	4.37E-01	Yes
Wildlife Compartment # 20	Sr-89/90	N	4	NA	NA
Wildlife Compartment # 20	Sr-89/90	Mean	2.68E+00	1.16E-01	NA
Wildlife Compartment # 20	Sr-89/90	Minimum	8.59E-01	1.23E-01	Yes
Wildlife Compartment # 20	Sr-89/90	Maximum	3.46E+00	2.69E-01	Yes
Wildlife Compartment # 24	Sr-89/90	N	2	NA	NA
Wildlife Compartment # 24	Sr-89/90	Mean	6.76E+00	3.22E-01	NA
Wildlife Compartment # 24	Sr-89/90	Minimum	4.30E+00	3.09E-01	Yes
Wildlife Compartment # 24	Sr-89/90	Maximum	9.22E+00	5.64E-01	Yes
Wildlife Compartment # 25	Sr-89/90	N	2	NA	NA
Wildlife Compartment # 25	Sr-89/90	Mean	2.22E+00	1.41E-01	NA
Wildlife Compartment # 25	Sr-89/90	Minimum	2.19E+00	1.97E-01	Yes
Wildlife Compartment # 25	Sr-89/90	Maximum	2.25E+00	2.02E-01	Yes
Wildlife Compartment # 26	Sr-89/90	N	3	NA	NA
Wildlife Compartment # 26	Sr-89/90	Mean	3.55E+00	1.71E-01	NA
Wildlife Compartment # 26	Sr-89/90	Minimum	2.53E+00	2.37E-01	Yes
Wildlife Compartment # 26	Sr-89/90	Maximum	4.59E+00	3.49E-01	Yes

2014 Radioactivity in Deer Bone : Units are pCi/g

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
Wildlife Compartment # 27	Sr-89/90	N	6	NA	NA
Wildlife Compartment # 27	Sr-89/90	Mean	4.00E+00	1.31E-01	NA
Wildlife Compartment # 27	Sr-89/90	Minimum	3.16E+00	2.78E-01	Yes
Wildlife Compartment # 27	Sr-89/90	Maximum	4.97E+00	3.72E-01	Yes
Wildlife Compartment # 29	Sr-89/90	N	4	NA	NA
Wildlife Compartment # 29	Sr-89/90	Mean	1.60E+00	9.93E-02	NA
Wildlife Compartment # 29	Sr-89/90	Minimum	1.16E+00	1.69E-01	Yes
Wildlife Compartment # 29	Sr-89/90	Maximum	2.01E+00	2.24E-01	Yes
Wildlife Compartment # 32	Sr-89/90	N	2	NA	NA
Wildlife Compartment # 32	Sr-89/90	Mean	3.01E+00	1.80E-01	NA
Wildlife Compartment # 32	Sr-89/90	Minimum	2.92E+00	2.54E-01	Yes
Wildlife Compartment # 32	Sr-89/90	Maximum	3.11E+00	2.56E-01	Yes
Wildlife Compartment # 33	Sr-89/90	N	3	NA	NA
Wildlife Compartment # 33	Sr-89/90	Mean	3.45E+00	1.69E-01	NA
Wildlife Compartment # 33	Sr-89/90	Minimum	2.89E+00	2.57E-01	Yes
Wildlife Compartment # 33	Sr-89/90	Maximum	4.35E+00	3.43E-01	Yes
Wildlife Compartment # 36	Sr-89/90	N	1	NA	NA
Wildlife Compartment # 36	Sr-89/90	Mean	2.89E+00	2.67E-01	NA
Wildlife Compartment # 37	Sr-89/90	N	3	NA	NA
Wildlife Compartment # 37	Sr-89/90	Mean	2.73E+00	1.43E-01	NA
Wildlife Compartment # 37	Sr-89/90	Minimum	1.27E+00	1.56E-01	Yes
Wildlife Compartment # 37	Sr-89/90	Maximum	3.76E+00	3.07E-01	Yes
Wildlife Compartment # 4	Sr-89/90	N	4	NA	NA
Wildlife Compartment # 4	Sr-89/90	Mean	6.10E+00	2.12E-01	NA
Wildlife Compartment # 4	Sr-89/90	Minimum	5.49E+00	3.79E-01	Yes
Wildlife Compartment # 4	Sr-89/90	Maximum	6.70E+00	4.84E-01	Yes
Wildlife Compartment # 40	Sr-89/90	N	1	NA	NA
Wildlife Compartment # 40	Sr-89/90	Mean	2.86E+00	2.45E-01	NA
Wildlife Compartment # 41	Sr-89/90	N	3	NA	NA
Wildlife Compartment # 41	Sr-89/90	Mean	4.91E+00	2.06E-01	NA
Wildlife Compartment # 41	Sr-89/90	Minimum	3.97E+00	3.02E-01	Yes
Wildlife Compartment # 41	Sr-89/90	Maximum	6.57E+00	4.40E-01	Yes
Wildlife Compartment # 42	Sr-89/90	N	3	NA	NA
Wildlife Compartment # 42	Sr-89/90	Mean	3.59E+00	1.58E-01	NA
Wildlife Compartment # 42	Sr-89/90	Minimum	3.08E+00	2.44E-01	Yes
Wildlife Compartment # 42	Sr-89/90	Maximum	4.30E+00	3.12E-01	Yes
Wildlife Compartment # 43	Sr-89/90	N	2	NA	NA
Wildlife Compartment # 43	Sr-89/90	Mean	5.18E+00	2.77E-01	NA
Wildlife Compartment # 43	Sr-89/90	Minimum	3.81E+00	3.17E-01	Yes
Wildlife Compartment # 43	Sr-89/90	Maximum	6.54E+00	4.55E-01	Yes

2014 Radioactivity in Deer Bone : Units are pCi/g

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
Wildlife Compartment # 44	Sr-89/90	N	4	NA	NA
Wildlife Compartment # 44	Sr-89/90	Mean	2.95E+00	1.34E-01	NA
Wildlife Compartment # 44	Sr-89/90	Minimum	1.51E+00	1.85E-01	Yes
Wildlife Compartment # 44	Sr-89/90	Maximum	3.78E+00	2.97E-01	Yes
Wildlife Compartment # 45	Sr-89/90	N	2	NA	NA
Wildlife Compartment # 45	Sr-89/90	Mean	1.04E+01	5.63E-01	NA
Wildlife Compartment # 45	Sr-89/90	Minimum	2.04E+00	1.89E-01	Yes
Wildlife Compartment # 45	Sr-89/90	Maximum	1.88E+01	1.11E+00	Yes
Wildlife Compartment # 48	Sr-89/90	N	8	NA	NA
Wildlife Compartment # 48	Sr-89/90	Mean	2.19E+00	7.24E-02	NA
Wildlife Compartment # 48	Sr-89/90	Minimum	7.46E-01	1.16E-01	Yes
Wildlife Compartment # 48	Sr-89/90	Maximum	5.22E+00	3.66E-01	Yes
Wildlife Compartment # 49	Sr-89/90	N	1	NA	NA
Wildlife Compartment # 49	Sr-89/90	Mean	2.64E+00	2.12E-01	NA
Wildlife Compartment # 5	Sr-89/90	N	3	NA	NA
Wildlife Compartment # 5	Sr-89/90	Mean	3.82E+00	1.76E-01	NA
Wildlife Compartment # 5	Sr-89/90	Minimum	2.21E+00	2.26E-01	Yes
Wildlife Compartment # 5	Sr-89/90	Maximum	5.22E+00	3.62E-01	Yes
Wildlife Compartment # 6	Sr-89/90	N	3	NA	NA
Wildlife Compartment # 6	Sr-89/90	Mean	5.60E+00	2.14E-01	NA
Wildlife Compartment # 6	Sr-89/90	Minimum	4.62E+00	3.14E-01	Yes
Wildlife Compartment # 6	Sr-89/90	Maximum	7.46E+00	4.60E-01	Yes
Wildlife Compartment # 7	Sr-89/90	N	4	NA	NA
Wildlife Compartment # 7	Sr-89/90	Mean	3.85E+00	1.42E-01	NA
Wildlife Compartment # 7	Sr-89/90	Minimum	1.79E+00	1.64E-01	Yes
Wildlife Compartment # 7	Sr-89/90	Maximum	5.08E+00	3.43E-01	Yes
Wildlife Compartment # 8	Sr-89/90	N	7	NA	NA
Wildlife Compartment # 8	Sr-89/90	Mean	4.29E+00	1.17E-01	NA
Wildlife Compartment # 8	Sr-89/90	Minimum	3.51E+00	2.63E-01	Yes
Wildlife Compartment # 8	Sr-89/90	Maximum	5.14E+00	3.60E-01	Yes

NOTE: "Sig" is significance, with "Yes" meaning detectable and "No" meaning less than the analytical method detection limit. If the uncertainty (standard deviation) is large, the significance may also be set to "No".

Data Table 5-20 Radioactivity in Deer Bone

Sample Measurement Section

2014 Radioactivity in Deer Bone : Units are pCi/g

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Wildlife Compartment # 13	Sr-89/90	1-Nov-14	4.24E+00	2.96E-01	Yes
Wildlife Compartment # 13	Sr-89/90	1-Nov-14	4.81E+00	3.25E-01	Yes
Wildlife Compartment # 13	Sr-89/90	1-Nov-14	8.38E+00	5.07E-01	Yes
Wildlife Compartment # 13	Sr-89/90	1-Nov-14	2.49E+00	2.10E-01	Yes
Wildlife Compartment # 13	Sr-89/90	1-Nov-14	3.43E+00	2.52E-01	Yes
Wildlife Compartment # 14	Sr-89/90	19-Nov-14	2.97E+00	2.64E-01	Yes
Wildlife Compartment # 14	Sr-89/90	19-Nov-14	3.19E+00	2.76E-01	Yes
Wildlife Compartment # 14	Sr-89/90	19-Nov-14	3.62E+00	3.02E-01	Yes
Wildlife Compartment # 14	Sr-89/90	19-Nov-14	4.65E+00	3.52E-01	Yes
Wildlife Compartment # 15	Sr-89/90	19-Nov-14	1.97E+00	2.08E-01	Yes
Wildlife Compartment # 15	Sr-89/90	19-Nov-14	3.62E+00	2.96E-01	Yes
Wildlife Compartment # 15	Sr-89/90	19-Nov-14	3.46E+00	2.89E-01	Yes
Wildlife Compartment # 15	Sr-89/90	19-Nov-14	5.95E+00	4.20E-01	Yes
Wildlife Compartment # 15	Sr-89/90	19-Nov-14	6.22E+00	4.26E-01	Yes
Wildlife Compartment # 15	Sr-89/90	19-Nov-14	3.65E+00	2.85E-01	Yes
Wildlife Compartment # 16	Sr-89/90	15-Nov-14	3.57E+00	3.00E-01	Yes
Wildlife Compartment # 16	Sr-89/90	15-Nov-14	2.92E+00	2.68E-01	Yes
Wildlife Compartment # 16	Sr-89/90	15-Nov-14	2.35E+00	2.32E-01	Yes
Wildlife Compartment # 16	Sr-89/90	15-Nov-14	2.86E-01	2.63E-02	Yes
Wildlife Compartment # 16	Sr-89/90	15-Nov-14	2.55E+00	2.42E-01	Yes
Wildlife Compartment # 17	Sr-89/90	19-Nov-14	3.24E+00	2.64E-01	Yes
Wildlife Compartment # 17	Sr-89/90	19-Nov-14	5.70E+00	4.37E-01	Yes
Wildlife Compartment # 20	Sr-89/90	29-Nov-14	8.59E-01	1.23E-01	Yes
Wildlife Compartment # 20	Sr-89/90	29-Nov-14	3.27E+00	2.56E-01	Yes
Wildlife Compartment # 20	Sr-89/90	29-Nov-14	3.14E+00	2.50E-01	Yes
Wildlife Compartment # 20	Sr-89/90	29-Nov-14	3.46E+00	2.69E-01	Yes
Wildlife Compartment # 24	Sr-89/90	29-Nov-14	4.30E+00	3.09E-01	Yes
Wildlife Compartment # 24	Sr-89/90	29-Nov-14	9.22E+00	5.64E-01	Yes
Wildlife Compartment # 25	Sr-89/90	6-Dec-14	2.19E+00	1.97E-01	Yes
Wildlife Compartment # 25	Sr-89/90	6-Dec-14	2.25E+00	2.02E-01	Yes
Wildlife Compartment # 26	Sr-89/90	6-Dec-14	4.59E+00	3.49E-01	Yes
Wildlife Compartment # 26	Sr-89/90	6-Dec-14	3.54E+00	2.90E-01	Yes
Wildlife Compartment # 26	Sr-89/90	6-Dec-14	2.53E+00	2.37E-01	Yes
Wildlife Compartment # 27	Sr-89/90	12-Nov-14	3.73E+00	3.11E-01	Yes
Wildlife Compartment # 27	Sr-89/90	12-Nov-14	3.92E+00	3.16E-01	Yes
Wildlife Compartment # 27	Sr-89/90	12-Nov-14	3.16E+00	2.78E-01	Yes
Wildlife Compartment # 27	Sr-89/90	12-Nov-14	4.97E+00	3.72E-01	Yes

2014 Radioactivity in Deer Bone : Units are pCi/g

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Wildlife Compartment # 27	Sr-89/90	12-Nov-14	4.46E+00	3.44E-01	Yes
Wildlife Compartment # 27	Sr-89/90	12-Nov-14	3.76E+00	2.89E-01	Yes
Wildlife Compartment # 29	Sr-89/90	8-Nov-14	1.16E+00	1.69E-01	Yes
Wildlife Compartment # 29	Sr-89/90	8-Nov-14	1.38E+00	1.86E-01	Yes
Wildlife Compartment # 29	Sr-89/90	8-Nov-14	2.01E+00	2.24E-01	Yes
Wildlife Compartment # 29	Sr-89/90	8-Nov-14	1.85E+00	2.11E-01	Yes
Wildlife Compartment # 32	Sr-89/90	22-Nov-14	2.92E+00	2.54E-01	Yes
Wildlife Compartment # 32	Sr-89/90	22-Nov-14	3.11E+00	2.56E-01	Yes
Wildlife Compartment # 33	Sr-89/90	12-Nov-14	3.11E+00	2.73E-01	Yes
Wildlife Compartment # 33	Sr-89/90	12-Nov-14	2.89E+00	2.57E-01	Yes
Wildlife Compartment # 33	Sr-89/90	12-Nov-14	4.35E+00	3.43E-01	Yes
Wildlife Compartment # 36	Sr-89/90	8-Nov-14	2.89E+00	2.67E-01	Yes
Wildlife Compartment # 37	Sr-89/90	22-Nov-14	3.76E+00	3.07E-01	Yes
Wildlife Compartment # 37	Sr-89/90	22-Nov-14	1.27E+00	1.56E-01	Yes
Wildlife Compartment # 37	Sr-89/90	22-Nov-14	3.16E+00	2.57E-01	Yes
Wildlife Compartment # 4	Sr-89/90	29-Oct-14	5.81E+00	3.94E-01	Yes
Wildlife Compartment # 4	Sr-89/90	29-Oct-14	6.41E+00	4.33E-01	Yes
Wildlife Compartment # 4	Sr-89/90	29-Oct-14	6.70E+00	4.84E-01	Yes
Wildlife Compartment # 4	Sr-89/90	29-Oct-14	5.49E+00	3.79E-01	Yes
Wildlife Compartment # 40	Sr-89/90	22-Nov-14	2.86E+00	2.45E-01	Yes
Wildlife Compartment # 41	Sr-89/90	22-Nov-14	6.57E+00	4.40E-01	Yes
Wildlife Compartment # 41	Sr-89/90	22-Nov-14	4.19E+00	3.14E-01	Yes
Wildlife Compartment # 41	Sr-89/90	22-Nov-14	3.97E+00	3.02E-01	Yes
Wildlife Compartment # 42	Sr-89/90	3-Dec-14	3.08E+00	2.44E-01	Yes
Wildlife Compartment # 42	Sr-89/90	3-Dec-14	4.30E+00	3.12E-01	Yes
Wildlife Compartment # 42	Sr-89/90	3-Dec-14	3.41E+00	2.58E-01	Yes
Wildlife Compartment # 43	Sr-89/90	8-Nov-14	6.54E+00	4.55E-01	Yes
Wildlife Compartment # 43	Sr-89/90	8-Nov-14	3.81E+00	3.17E-01	Yes
Wildlife Compartment # 44	Sr-89/90	24-Oct-14	3.78E+00	2.97E-01	Yes
Wildlife Compartment # 44	Sr-89/90	8-Nov-14	3.41E+00	2.97E-01	Yes
Wildlife Compartment # 44	Sr-89/90	8-Nov-14	1.51E+00	1.85E-01	Yes
Wildlife Compartment # 44	Sr-89/90	8-Nov-14	3.11E+00	2.73E-01	Yes
Wildlife Compartment # 45	Sr-89/90	26-Nov-14	2.04E+00	1.89E-01	Yes
Wildlife Compartment # 45	Sr-89/90	26-Nov-14	1.88E+01	1.11E+00	Yes
Wildlife Compartment # 48	Sr-89/90	27-Oct-14	5.22E+00	3.66E-01	Yes
Wildlife Compartment # 48	Sr-89/90	26-Nov-14	7.46E-01	1.16E-01	Yes
Wildlife Compartment # 48	Sr-89/90	26-Nov-14	1.13E+00	1.34E-01	Yes
Wildlife Compartment # 48	Sr-89/90	26-Nov-14	1.81E+00	1.71E-01	Yes
Wildlife Compartment # 48	Sr-89/90	26-Nov-14	2.07E+00	1.91E-01	Yes
Wildlife Compartment # 48	Sr-89/90	26-Nov-14	2.09E+00	1.82E-01	Yes
Wildlife Compartment # 48	Sr-89/90	26-Nov-14	2.55E+00	2.07E-01	Yes
Wildlife Compartment # 48	Sr-89/90	26-Nov-14	1.86E+00	1.69E-01	Yes
Wildlife Compartment # 49	Sr-89/90	26-Nov-14	2.64E+00	2.12E-01	Yes

2014 Radioactivity in Deer Bone : Units are pCi/g

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Wildlife Compartment # 5	Sr-89/90	29-Oct-14	5.22E+00	3.62E-01	Yes
Wildlife Compartment # 5	Sr-89/90	29-Oct-14	4.03E+00	3.11E-01	Yes
Wildlife Compartment # 5	Sr-89/90	29-Oct-14	2.21E+00	2.26E-01	Yes
Wildlife Compartment # 6	Sr-89/90	5-Nov-14	7.46E+00	4.60E-01	Yes
Wildlife Compartment # 6	Sr-89/90	5-Nov-14	4.73E+00	3.21E-01	Yes
Wildlife Compartment # 6	Sr-89/90	5-Nov-14	4.62E+00	3.14E-01	Yes
Wildlife Compartment # 7	Sr-89/90	5-Nov-14	5.08E+00	3.43E-01	Yes
Wildlife Compartment # 7	Sr-89/90	5-Nov-14	3.97E+00	2.81E-01	Yes
Wildlife Compartment # 7	Sr-89/90	5-Nov-14	1.79E+00	1.64E-01	Yes
Wildlife Compartment # 7	Sr-89/90	5-Nov-14	4.54E+00	3.13E-01	Yes
Wildlife Compartment # 8	Sr-89/90	3-Dec-14	5.14E+00	3.60E-01	Yes
Wildlife Compartment # 8	Sr-89/90	3-Dec-14	4.35E+00	3.28E-01	Yes
Wildlife Compartment # 8	Sr-89/90	3-Dec-14	3.78E+00	2.91E-01	Yes
Wildlife Compartment # 8	Sr-89/90	3-Dec-14	4.19E+00	2.94E-01	Yes
Wildlife Compartment # 8	Sr-89/90	3-Dec-14	4.16E+00	2.94E-01	Yes
Wildlife Compartment # 8	Sr-89/90	3-Dec-14	4.89E+00	3.32E-01	Yes
Wildlife Compartment # 8	Sr-89/90	3-Dec-14	3.51E+00	2.63E-01	Yes