

## Data Presentation: ERM Surface Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID Sample ID Sample Type Depth (ft.) Parameter Sample Date	Units	Reporting Limit	SS-DU-001 SAIC0498 SURF 0 10/01/1998	SS-DU-001 SAIC0499 SURF 0 04/01/1999	SS-DU-001 SAIC1099 SURF 0 10/01/1999	SS-DU-001 SAIC1099D SURF 0 10/01/1999	SS-DU-001 SAIC0400 SURF 0 04/01/2000	SS-DU-001 SAIC1000 SURF 0 10/01/2000	SS-DU-001 SAIC0401 SURF 0 04/01/2001	SS-DU-001 SAIC1001 SURF 0 10/01/2001	SS-DU-001 SAIC0402 SURF 0 04/01/2002	SS-DU-001 SAIC1002 SURF 0 10/01/2002	SS-DU-001 SAIC0403 SURF 0 04/01/2003	SS-DU-001 SAIC01 SURF 0.0 04/28/2004
<b>Dissolved Th-234</b>														
Dissolved Th-234	pci/g	0.1	0.6 U	2	2 J	2 J	2	1 U	2	N/A	1	1 U	0.311 U	N/A
<b>Dissolved Uranium</b>														
Uranium 234	pci/g	0.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.82
Uranium 235	pci/g	0.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.03 J
Uranium 238	pci/g	0.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.8
<b>Total Uranium</b>														
Total Uranium	pci/g	0.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	N/A	N/A	N/A	N/A
<b>Total/Isotopic Uranium</b>														
Total Uranium	µg/g		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	mg/kg	0.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	pci/g	0.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ug/g		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 234	pci/g		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		0.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 235	pci/g		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		0.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 238	pci/g		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		0.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Location ID	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001
Sample ID	SAIC01D	SAIC02	SAIC02D	SAIC03	SAIC03D	SAIC04	SAIC05	SAIC06	SAIC07	SAIC07D	SAIC08	SAIC09E	SAIC10E	SAIC11E	SAIC11E
Sample Type	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF
Depth (ft.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parameter	Sample Date	04/28/2004	12/15/2004	12/15/2004	05/25/2005	05/25/2005	10/18/2005	04/12/2006	09/27/2006	04/25/2007	04/25/2007	10/04/2007	04/26/2008	10/11/2008	04/14/2009
<b><i>Dissolved Th-234</i></b>															
Dissolved Th-234	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b><i>Dissolved Uranium</i></b>															
Uranium 234	0.76	0.86 LT	0.81 LT	0.95 J	1.04 J	1.04 LT	0.87 LT	0.93	0.84	0.82	0.82	N/A	N/A	N/A	N/A
Uranium 235	0.021 J	0.017 U	0.077 U	0.107 U	0.099 U	0.023 J	0.037 U	0.05 J	0.041 J	0.047 J	0.09 J	N/A	N/A	N/A	N/A
Uranium 238	0.82	0.84 J	0.89 J	0.71 LT	1.11 LT	0.92 LT	1.06 LT	0.95	0.81	1.04	0.88	N/A	N/A	N/A	N/A
<b><i>Total Uranium</i></b>															
Total Uranium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b><i>Total/Isotopic Uranium</i></b>															
Total Uranium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.13
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.01	1.57	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 234	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.02	0.819 J	0.63	N/A
Uranium 235	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.018 U	0.032 J	0.019 U
Uranium 238	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.97	0.715 J	0.71

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Location ID	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-001	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002
Sample ID	SAIC12E	SAIC13E	SAIC14E	SAIC15E	SAIC16E	SAIC17E	SAIC18E	SAIC0498	SAIC0499	SAIC1099	SAIC0400	SAIC1000	SAIC0401	SAIC1001	
Sample Type	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	
Depth (ft.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	
Parameter	Sample Date	10/28/2009	04/06/2010	10/14/2010	04/27/2011	11/01/2011	03/31/2012	10/24/2012	10/01/1998	04/01/1999	10/01/1999	04/01/2000	10/01/2000	04/01/2001	10/01/2001
<b><i>Dissolved Th-234</i></b>															
Dissolved Th-234	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2 J	0.6 U	2	1	1 U	2	N/A	
<b><i>Dissolved Uranium</i></b>															
Uranium 234	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 235	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 238	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b><i>Total Uranium</i></b>															
Total Uranium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2
<b><i>Total/Isotopic Uranium</i></b>															
Total Uranium	N/A	N/A	N/A	N/A	N/A	1.66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2.29	2.62	2.41	1.96	1.86	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	1.86	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 234	N/A	N/A	N/A	N/A	N/A	0.56	0.65	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	0.8	0.83	0.66	0.71	0.76	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 235	N/A	N/A	N/A	N/A	N/A	0.044 J	0.038 J	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	0.034 J	0.053 J	0.046 J	0.023 U	0.024 J	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 238	N/A	N/A	N/A	N/A	N/A	0.55	0.62	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	0.77	0.87	0.8	0.65	0.62	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Data Presentation: ERM Surface Soil Samples, Jefferson Proving Ground, Madison, Indiana

	Location ID	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002
	Sample ID	SAIC0402	SAIC1002	SAIC0403	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC05D	SAIC06	SAIC07	SAIC08	SAIC09E
	Sample Type	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF
	Depth (ft.)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parameter	Sample Date	04/01/2002	10/01/2002	04/01/2003	04/28/2004	12/14/2004	05/25/2005	10/18/2005	04/12/2006	04/12/2006	09/27/2006	04/25/2007	10/03/2007	04/26/2008
<b><i>Dissolved Th-234</i></b>														
Dissolved Th-234	<b>2 J</b>	<b>1 U</b>	<b>0.147 U</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b><i>Dissolved Uranium</i></b>														
Uranium 234	N/A	N/A	N/A	<b>0.7</b>	<b>0.59 LT</b>	<b>0.66 J</b>	<b>0.79 LT</b>	<b>0.76 LT</b>	<b>0.84 LT</b>	<b>0.77</b>	<b>0.83</b>	<b>0.87</b>	N/A	
Uranium 235	N/A	N/A	N/A	<b>0.041 J</b>	<b>0.05 J</b>	<b>0.12 J</b>	<b>0.035 J</b>	0.054 U	0.01 U	<b>0.042 J</b>	<b>0.048 J</b>	<b>0.047 J</b>	N/A	
Uranium 238	N/A	N/A	N/A	<b>0.76</b>	<b>0.74 J</b>	<b>0.68 LT</b>	<b>0.88 LT</b>	<b>0.86 LT</b>	<b>0.81 LT</b>	<b>0.73</b>	<b>0.85</b>	<b>0.68</b>	N/A	
<b><i>Total Uranium</i></b>														
Total Uranium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b><i>Total/Isotopic Uranium</i></b>														
Total Uranium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<b>1.81</b>
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 234	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<b>1</b>
Uranium 235	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.035 U
Uranium 238	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<b>0.769</b>

## Data Presentation: ERM Surface Soil Samples, Jefferson Proving Ground, Madison, Indiana

	Location ID	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002	SS-DU-002
	Sample ID	SAIC09ED	SAIC10DE	SAIC10E	SAIC11E	SAIC12DE	SAIC12E	SAIC13DE	SAIC13E	SAIC14E	SAIC15E	SAIC16E	SAIC17E	SAIC18E
	Sample Type	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF
	Depth (ft.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parameter	Sample Date	04/26/2008	10/11/2008	10/11/2008	04/14/2009	10/28/2009	10/28/2009	04/07/2010	04/07/2010	10/14/2010	04/27/2011	11/02/2011	03/31/2012	10/23/2012
<b>Dissolved Th-234</b>														
Dissolved Th-234		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Dissolved Uranium</b>														
Uranium 234		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 235		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 238		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Total Uranium</b>														
Total Uranium		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Total/Isotopic Uranium</b>														
Total Uranium		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.24	N/A
		N/A	N/A	N/A	2.56	2.67	3.02	2.81	2.48	2.4	2.77	2.21	N/A	N/A
		1.72	1.62	0.358	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.08
Uranium 234		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.76	0.69
		0.797	0.752	0.146	0.91	0.99	1.01	0.79	0.76	0.79	0.88	0.68	N/A	N/A
Uranium 235		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.014 U	0.039 J
		0.054 J	0.017 J	0.004 U	0.074 J	0.045 J	0.053 J	0.033 J	0.038 J	0.032 J	0.057 J	0.027 J	N/A	N/A
Uranium 238		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.75	0.69
		0.866	0.85	0.208	0.85	0.89	1.01	0.94	0.83	0.8	0.92	0.74	N/A	N/A

## Data Presentation: ERM Surface Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003
Sample ID	SAIC0498	SAIC0499	SAIC0499D	SAIC1099	SAIC0400	SAIC1000	SAIC0401	SAIC1001	SAIC0402	SAIC1002	SAIC0403	SAIC01	SAIC02	
Sample Type	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	
Depth (ft.)	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
Parameter	Sample Date	10/01/1998	04/01/1999	04/01/1999	10/01/1999	04/01/2000	10/01/2000	04/01/2001	10/01/2001	04/01/2002	10/01/2002	04/01/2003	04/28/2004	12/15/2004
<b>Dissolved Th-234</b>														
Dissolved Th-234	1	2 J	3 J	0.4 U	0.5	1 U	2	N/A	1	1 U	0.13 U	N/A	N/A	
<b>Dissolved Uranium</b>														
Uranium 234	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.72	0.49 LT	
Uranium 235	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.033 J	0.049 J	
Uranium 238	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.84	0.81 J	
<b>Total Uranium</b>														
Total Uranium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5	N/A	N/A	N/A	N/A	N/A	
<b>Total/Isotopic Uranium</b>														
Total Uranium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Uranium 234	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Uranium 235	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Uranium 238	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

## Data Presentation: ERM Surface Soil Samples, Jefferson Proving Ground, Madison, Indiana

	Location ID	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	
	Sample ID	SAIC03	SAIC04	SAIC04D	SAIC05	SAIC06	SAIC06D	SAIC07	SAIC08	SAIC08D	SAIC09E	SAIC10E	SAIC11E	SAIC12E	
	Sample Type	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	
	Depth (ft.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Parameter	Sample Date	05/25/2005	10/18/2005	10/18/2005	04/12/2006	09/28/2006	09/28/2006	04/24/2007	10/04/2007	10/04/2007	04/26/2008	10/10/2008	04/14/2009	10/28/2009
<b>Dissolved Th-234</b>															
Dissolved Th-234		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
<b>Dissolved Uranium</b>															
Uranium 234		0.81 J	0.42 LT	0.9	0.58 LT	0.75	0.61	0.79	0.66	0.68	N/A	N/A	N/A	N/A	
Uranium 235		0.17 J	0.015 U	0.044 U	0.042 U	0.02 J	0.03 U	0.075 J	0.029 U	0.046 J	N/A	N/A	N/A	N/A	
Uranium 238		0.69 LT	0.56 LT	0.77	0.74 LT	0.76	0.69	0.74	0.83	0.74	N/A	N/A	N/A	N/A	
<b>Total Uranium</b>															
Total Uranium		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
<b>Total/Isotopic Uranium</b>															
Total Uranium		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.49	2.01	
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.26	1.49	N/A	N/A
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 234		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.566	0.674 J	0.73	0.63
Uranium 235		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.037 U	0.042 J	0.034 J	0.034 J
Uranium 238		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.66	0.773 J	0.83	0.67

## Data Presentation: ERM Surface Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-003	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004
Sample ID	SAIC13E	SAIC14E	SAIC15E	SAIC16E	SAIC17E	SAIC18E	SAIC0498	SAIC0499	SAIC1099	SAIC0400	SAIC1000	SAIC0401	SAIC1001	SAIC1001
Sample Type	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF
Depth (ft.)	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0
Parameter	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date
	04/07/2010	10/14/2010	04/27/2011	11/01/2011	04/01/2012	10/24/2012	10/01/1998	04/01/1999	10/01/1999	04/01/2000	10/01/2000	04/01/2001	10/01/2001	10/01/2001
<b>Dissolved Th-234</b>														
Dissolved Th-234	N/A	N/A	N/A	N/A	N/A	N/A	140	2 J	0.03 U	2	1 U	2	N/A	N/A
<b>Dissolved Uranium</b>														
Uranium 234	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 235	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 238	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Total Uranium</b>														
Total Uranium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.4 U
<b>Total/Isotopic Uranium</b>														
Total Uranium	N/A	N/A	N/A	N/A	1.72	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2.02	1.69	1.85	1.96	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	1.64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 234	N/A	N/A	N/A	N/A	0.465	0.64	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	0.7	0.43	0.65	0.74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 235	N/A	N/A	N/A	N/A	0.06 J	0.028 J	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	0.035 J	0.017 U	0.051 J	0.025 J	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 238	N/A	N/A	N/A	N/A	0.57	0.55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	0.67	0.57	0.61	0.65	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



## Data Presentation: ERM Surface Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004
Sample ID	SAIC0402	SAIC1002	SAIC0403	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC06	SAIC07	SAIC08	SAIC09E	SAIC10E	
Sample Type	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	
Depth (ft.)	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parameter	Sample Date	04/01/2002	10/01/2002	04/01/2003	04/28/2004	12/14/2004	05/25/2005	10/18/2005	04/12/2006	09/27/2006	04/24/2007	10/04/2007	04/26/2008	10/11/2008
Dissolved Th-234														
Dissolved Th-234	1	1 U	0.0974 U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dissolved Uranium														
Uranium 234	N/A	N/A	N/A	0.61	0.74 LT	0.81 J	0.58 LT	0.83 LT	0.81	0.8	1.07	N/A	N/A	
Uranium 235	N/A	N/A	N/A	0.036 J	0.019 U	0.16 J	0.032 U	0.063 U	0.069 J	0.055 J	0.07 J	N/A	N/A	
Uranium 238	N/A	N/A	N/A	0.73	0.76 J	0.8 LT	0.7 LT	0.73 LT	0.85	0.89	0.93	N/A	N/A	
Total Uranium														
Total Uranium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total/Isotopic Uranium														
Total Uranium	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.35	1.25	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Uranium 234	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.69	0.625	
Uranium 235	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0 U	0.035 J	
Uranium 238	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.658	0.594	

## Data Presentation: ERM Surface Soil Samples, Jefferson Proving Ground, Madison, Indiana

	Location ID	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	SS-DU-004	
	Sample ID	SAIC11DE	SAIC11E	SAIC12E	SAIC13E	SAIC14DE	SAIC14E	SAIC15DE	SAIC15E	SAIC16DE	SAIC16E	SAIC17DE	SAIC17E	SAIC18DE	
	Sample Type	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	SURF	
	Depth (ft.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Parameter	Sample Date	04/14/2009	04/14/2009	10/29/2009	04/07/2010	10/15/2010	10/15/2010	04/27/2011	04/27/2011	11/02/2011	11/02/2011	03/31/2012	03/31/2012	10/23/2012
<b>Dissolved Th-234</b>															
Dissolved Th-234		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
<b>Dissolved Uranium</b>															
Uranium 234		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Uranium 235		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Uranium 238		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
<b>Total Uranium</b>															
Total Uranium		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
<b>Total/Isotopic Uranium</b>															
Total Uranium		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.77	1.81	N/A	
		2.32	2.05	2.23	1.71	1.29	1.58	1.35	1.61	0	2.33	N/A	N/A	N/A	
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.10	
Uranium 234		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.57	0.58	0.412	
		0.78	0.79	0.59	0.53	0.439	0.4	0.489	0.64	0.59	0.7	N/A	N/A	N/A	
Uranium 235		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.013 U	0.023 J	0.017 U	
		0.055 J	0.059 J	0.052 J	0.029 J	0.008 U	0.036 J	0.009 U	0.026 J	0.028 J	0.055 J	N/A	N/A	N/A	
Uranium 238		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.59	0.61	0.367	
		0.77	0.68	0.74	0.57	0.431	0.527	0.454	0.54	0.81	0.77	N/A	N/A	N/A	

## Data Presentation: ERM Surface Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	SS-DU-004
Sample ID	SAIC18E
Sample Type	SURF
Depth (ft.)	0.0
Parameter	Sample Date
	10/23/2012

### ***Dissolved Th-234***

Dissolved Th-234	N/A
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### ***Dissolved Uranium***

Uranium 234	N/A
Uranium 235	N/A
Uranium 238	N/A

### ***Total Uranium***

Total Uranium	N/A
---------------	-----

### ***Total/Isotopic Uranium***

Total Uranium	N/A
	N/A
	N/A
	<b>1.41</b>
Uranium 234	<b>0.422</b>
	N/A
Uranium 235	0.014 U
	N/A
Uranium 238	<b>0.472</b>
	N/A

**Table X-X. Data Presentation: ?? Jefferson Proving Ground, Madison, Indiana**

Lab	Qualifier	Description
EL		
	*	Duplicate analysis not within control limits.
	>	greater than
	B	Organics: Analyte was found in the associated method blank.
	D	Value is obtained from a diluted run.
	E	Metals: Serial dilution analysis not within control limits; Organics: Calibration range exceeded for this analyte
	J	Value is estimated or below the reporting limit but greater than the method detection limit.
	M	Matrix interference.
	N	Metals: Matrix spike recovery outside limits.
	P	There is greater than 40% relative percent difference for detected concentrations between the two GC columns for the associated target analyte.
	U	Compound was analyzed for but not detected.
	X	The associated initial calibration verification or continuing calibration verification was above the upper control limit
	Y	The associated initial calibration verification or continuing calibration verification was below the lower control limit.
	Z	A reported nondetect may be due to ICV or CCV low bias, potentially causing a lack of confirmation.