

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID Sample ID Sample Type Depth (ft.) Parameter	Units	Reporting Limit	JP-KAC-008 SAIC04-00 BORE 2.0 10/28/2008	JP-KAC-008 SAIC04-04 BORE 2.0 10/28/2008	JP-KAC-008 SAIC04-08 BORE 2.0 10/28/2008	JP-KAC-008 SAIC04-12 BORE 2.0 10/28/2008	JP-KAC-008 SAIC04-24 BORE 2.0 10/28/2008	JP-KAC-008 SAIC04-36 BORE 2.0 10/28/2008	JP-KAC-008 SAIC04-48 BORE 2.0 10/28/2008	JP-KAC-009 SAIC01 BORE 0.0 10/21/2008	JP-KAC-010 SAIC04 BORE 2.0 10/23/2008	JP-KAC-010 SAIC04-00 BORE 2.0 10/23/2008
Alkalinity												
Alkalinity	mg/kg	1	50 U	50 U	50 U	50 U	50 U	50 U	50 U	N/A	N/A	50 U
Cation Exchange Capacity												
Cation Exchange Capacity	meq/100g		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn												
Iron	mg/kg		N/A	N/A	N/A	N/A	N/A	N/A	N/A	4870	20000	N/A
Manganese	mg/kg		N/A	N/A	N/A	N/A	N/A	N/A	N/A	19.6	117	N/A
Metals												
Iron	mg/kg		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	mg/kg		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture												
Moisture	%		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content												
Moisture	%		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution												
Clay	%		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand	%		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand	%		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel	%		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand	%		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand	%		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	% Passing		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt	%		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH												
pH	No Units		4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.7	5.5	5.4
TC												
Total Carbon	mg/kg		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	Sample ID	Units	Reporting Limit	JP-KAC-008	JP-KAC-008	JP-KAC-008	JP-KAC-008	JP-KAC-008	JP-KAC-008	JP-KAC-008	JP-KAC-009	JP-KAC-010	JP-KAC-010
Sample Type	Sample Type			SAIC04-00	SAIC04-04	SAIC04-08	SAIC04-12	SAIC04-24	SAIC04-36	SAIC04-48	SAIC01	SAIC04	SAIC04-00
Depth (ft.)	Depth (ft.)			BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Parameter	Sample Date			2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	2.0	2.0
				10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/21/2008	10/23/2008	10/23/2008
TOC													
Total Organic Carbon	mg/kg			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC													
Total Carbon	mg/kg			N/A	N/A	N/A	N/A	N/A	N/A	N/A	16400	2000	N/A
Total Organic Carbon	mg/kg			N/A	N/A	N/A	N/A	N/A	N/A	N/A	8970	956 B	N/A
Total Carbon													
Total Carbon	mg/kg			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon													
Total Inorganic Carbon	mg/kg			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	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010
Sample ID	SAIC04-04	SAIC04-08	SAIC04-12	SAIC04-24	SAIC04-36	SAIC04-48	SAIC04D-00	SAIC04D-04	SAIC04D-08	SAIC04D-12	SAIC04D-24	SAIC04D-36	SAIC04D-36
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Parameter	Sample Date	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008
Alkalinity													
Alkalinity	50 U	50 U	50 U	50 U	6.4 BJ	25.6 BJ	16 BJ	114 J	43.2 BJ	52.8 J	50 U	14.4 BJ	
Cation Exchange Capacity													
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn													
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals													
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture													
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content													
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution													
Clay	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH													
pH	5.2	5.4	5.2	4.2	5.3	5.2	6.3	6.4	6.2	6.4	5.4	5.4	
TC													
Total Carbon	N/A	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	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010	JP-KAC-010
Sample ID	SAIC04-04	SAIC04-08	SAIC04-12	SAIC04-24	SAIC04-36	SAIC04-48	SAIC04D-00	SAIC04D-04	SAIC04D-08	SAIC04D-12	SAIC04D-24	SAIC04D-36	SAIC04D-36
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Parameter	Sample Date	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008
TOC													
Total Organic Carbon		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC													
Total Carbon		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 Organic Carbon		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 Carbon													
Total Carbon		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 Inorganic Carbon													
Total Inorganic Carbon		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: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-KAC-010	JP-KAC-011	JP-KAC-011	JP-KAC-011	JP-KAC-012	JP-KAC-012	JP-KAC-012	JP-KAC-013	JP-KAC-013	JP-KAC-013	JP-KAC-013	JP-KAC-013
Sample ID	SAIC04D-48	SAIC01R	SAIC01	SAIC01D	SAIC01R	SAIC01R	SAIC01R_D60	SAIC01	SAIC01R	SAIC01R_D60	SAIC01	SAIC01-00
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	2.0	13.0	10.0	10.0	11.0	11.0	11.0	10.0	12.0	12.0	10.0	10.0
Parameter	Sample Date	10/23/2008	03/28/2012	12/09/2009	12/09/2009	03/29/2012	03/29/2012	12/11/2009	03/29/2012	03/29/2012	12/11/2009	12/11/2009
Alkalinity												
Alkalinity	11.2 BJ	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	128 J	150 J
Cation Exchange Capacity												
Cation Exchange Capacity	N/A	5.6 J	N/A	N/A	9.8 J	N/A	N/A	18.3 J	N/A	N/A	N/A	N/A
Fe/Mn												
Iron	N/A	N/A	22700	19200	N/A	N/A	17100	N/A	N/A	21600	N/A	N/A
Manganese	N/A	N/A	556	843 D	N/A	N/A	381 E	N/A	N/A	1680 DE	N/A	N/A
Metals												
Iron	N/A	12900 N*	N/A	N/A	16600 NE*	N/A	N/A	9660 NE*	N/A	N/A	N/A	N/A
Manganese	N/A	315 N	N/A	N/A	931 NE	N/A	N/A	307 NE	N/A	N/A	N/A	N/A
Moisture												
Moisture	N/A	N/A	14.03	14.3	N/A	N/A	11.37	N/A	N/A	12.36	N/A	N/A
Moisture Content												
Moisture	N/A	13.7	N/A	N/A	12.5	N/A	N/A	14.0	N/A	N/A	N/A	N/A
Particle Size Distribution												
Clay	N/A	21.1	N/A	N/A	30.3	N/A	N/A	15.3	N/A	N/A	N/A	N/A
Coarse Sand	N/A	2.4	N/A	N/A	3.2	N/A	N/A	3.8	N/A	N/A	N/A	N/A
Fine Sand	N/A	25.8	N/A	N/A	23.6	N/A	N/A	35.2	N/A	N/A	N/A	N/A
Gravel	N/A	2.7	N/A	N/A	0.2	N/A	N/A	2.3	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	42.8	N/A	N/A	54.8	N/A	N/A	30.8	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	36.5	N/A	N/A	48.7	N/A	N/A	24.9	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	28.8	N/A	N/A	38.9	N/A	N/A	20.5	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	24.9	N/A	N/A	34	N/A	N/A	17.6	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	21.1	N/A	N/A	30.3	N/A	N/A	15.3	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	16	N/A	N/A	23.9	N/A	N/A	12.2	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	10.9	N/A	N/A	18.9	N/A	N/A	9.2	N/A	N/A	N/A	N/A
Medium Sand	N/A	7.7	N/A	N/A	6.9	N/A	N/A	22.2	N/A	N/A	N/A	N/A
Sand	N/A	35.9	N/A	N/A	33.7	N/A	N/A	61.2	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	94.9	N/A	N/A	96.6	N/A	N/A	93.9	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	70.1	N/A	N/A	74.2	N/A	N/A	42.9	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	92	N/A	N/A	94.1	N/A	N/A	85.8	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	61.4	N/A	N/A	66.1	N/A	N/A	36.5	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	97.3	N/A	N/A	99.8	N/A	N/A	97.7	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	87.2	N/A	N/A	89.7	N/A	N/A	71.7	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	79	N/A	N/A	82.4	N/A	N/A	54.5	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	73.5	N/A	N/A	77.2	N/A	N/A	46.4	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	100	N/A	N/A	100	N/A	N/A	100	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	100	N/A	N/A	100	N/A	N/A	100	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	100	N/A	N/A	100	N/A	N/A	100	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	100	N/A	N/A	100	N/A	N/A	100	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	100	N/A	N/A	100	N/A	N/A	100	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	100	N/A	N/A	100	N/A	N/A	100	N/A	N/A	N/A	N/A
Silt	N/A	40.3	N/A	N/A	35.8	N/A	N/A	21.2	N/A	N/A	N/A	N/A
pH												
pH	5.3	N/A	8.43 O-04	8.31 O-04	N/A	N/A	8.13 O-04	N/A	N/A	8.37 O-04	8.2	8.3
TC												
Total Carbon	N/A	N/A	5950	10900	N/A	N/A	3900	N/A	N/A	370	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-KAC-010	JP-KAC-011	JP-KAC-011	JP-KAC-011	JP-KAC-012	JP-KAC-012	JP-KAC-012	JP-KAC-012	JP-KAC-013	JP-KAC-013	JP-KAC-013	JP-KAC-013	JP-KAC-013
Sample ID	SAIC04D-48	SAIC01R	SAIC01	SAIC01D	SAIC01R	SAIC01R_D60	SAIC01	SAIC01R	SAIC01R_D60	SAIC01	SAIC01-00	SAIC01-04	SAIC01-04
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	2.0	13.0	10.0	10.0	11.0	11.0	10.0	12.0	12.0	10.0	10.0	10.0	10.0
Parameter	Sample Date	10/23/2008	03/28/2012	12/09/2009	12/09/2009	03/29/2012	03/29/2012	12/11/2009	03/29/2012	03/29/2012	12/11/2009	12/11/2009	12/11/2009
TOC													
Total Organic Carbon	N/A	483	N/A	N/A	580 est	N/A	N/A	80.0 B	N/A	N/A	N/A	N/A	N/A
TOC													
Total Carbon	N/A	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 Organic Carbon	N/A	N/A	13000	17400	N/A	N/A	924	N/A	N/A	464	N/A	N/A	N/A
Total Carbon													
Total Carbon	N/A	28000	N/A	N/A	8440	N/A	N/A	10000	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon													
Total Inorganic Carbon	N/A	27600	N/A	N/A	7860	N/A	N/A	9920	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-KAC-013	JP-KAC-013	JP-KAC-013	JP-KAC-013	JP-KAC-013	JP-KCR-002	JP-KCR-002	JP-KCR-002	JP-KCR-002	JP-KCR-002	JP-KCR-002	JP-KCR-002
Sample ID	SAIC01-08	SAIC01-12	SAIC01-24	SAIC01-36	SAIC01-48	SAIC04-00	SAIC04-04	SAIC04-08	SAIC04-12	SAIC04-24	SAIC04-36	SAIC04-48
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	10.0	10.0	10.0	10.0	10.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Parameter	Sample Date	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008
Alkalinity												
Alkalinity		136 J	216 J	136 J	192 J	601 J	50 U	50 U	50 U	50 U	16 BJ	50 U
Cation Exchange Capacity												
Cation Exchange Capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn												
Iron		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals												
Iron		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture												
Moisture		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content												
Moisture		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution												
Clay		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH												
pH		8.3	8.3	8.1	8.3	8.2	4.5	4.6	4.5	4.5	6.2	4.7
TC												
Total Carbon		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-KAC-013	JP-KAC-013	JP-KAC-013	JP-KAC-013	JP-KAC-013	JP-KCR-002	JP-KCR-002	JP-KCR-002	JP-KCR-002	JP-KCR-002	JP-KCR-002	JP-KCR-002
Sample ID	SAIC01-08	SAIC01-12	SAIC01-24	SAIC01-36	SAIC01-48	SAIC04-00	SAIC04-04	SAIC04-08	SAIC04-12	SAIC04-24	SAIC04-36	SAIC04-48
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	10.0	10.0	10.0	10.0	10.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Parameter	Sample Date	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008
TOC												
Total Organic Carbon		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC												
Total Carbon		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Organic Carbon		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Carbon												
Total Carbon		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon												
Total Inorganic Carbon		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

	Location ID Sample ID Sample Type Depth (ft.) Parameter	JP-KCR-009 SAIC01 BORE 0.0 10/21/2008	JP-KCR-010 SAIC04 BORE 2.0 10/23/2008	JP-KCR-010 SAIC04-00 BORE 2.0 10/23/2008	JP-KCR-010 SAIC04-04 BORE 2.0 10/23/2008	JP-KCR-010 SAIC04-08 BORE 2.0 10/23/2008	JP-KCR-010 SAIC04-12 BORE 2.0 10/23/2008	JP-KCR-010 SAIC04-24 BORE 2.0 10/23/2008	JP-KCR-010 SAIC04-36 BORE 2.0 10/23/2008	JP-KCR-010 SAIC04-48 BORE 2.0 10/23/2008	JP-KCR-011 SAIC01R BORE 14.0 03/27/2012	JP-KCR-011 SAIC01 BORE 10.0 12/11/2009	JP-KCR-012 SAIC01DR BORE 10.0 03/28/2012
Alkalinity													
Alkalinity		N/A	N/A	22.4 BJ	12.8 BJ	14.4 BJ	9.6 BJ	14.4 BJ	28.8 BJ	14.4 BJ	N/A	N/A	N/A
Cation Exchange Capacity													
Cation Exchange Capacity		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12 J	N/A	6 J
Fe/Mn													
Iron		16500	14600	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31300	N/A
Manganese		924	52.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	641 E	N/A
Metals													
Iron		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	30800 N	N/A	12900 N*
Manganese		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	104 N	N/A	541 N
Moisture													
Moisture		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	23.54	N/A
Moisture Content													
Moisture		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	18.4	N/A	13
Particle Size Distribution													
Clay		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	45	N/A	34.1
Coarse Sand		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.3	N/A	0.7
Fine Sand		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.1	N/A	15
Gravel		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	N/A	0.5
Hydrometer Reading 1 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	86.4	N/A	67.3
Hydrometer Reading 2 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	75	N/A	57.6
Hydrometer Reading 3 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	60.6	N/A	45.2
Hydrometer Reading 4 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	52.1	N/A	39.6
Hydrometer Reading 5 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	45	N/A	34.1
Hydrometer Reading 6 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	35	N/A	27.1
Hydrometer Reading 7 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	26.5	N/A	22.9
Medium Sand		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.2	N/A	3.8
Sand		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.6	N/A	19.5
Sieve Size #10 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	99.7	N/A	98.8
Sieve Size #100 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	96.2	N/A	85.9
Sieve Size #20 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	99.2	N/A	97.1
Sieve Size #200 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	95.4	N/A	80
Sieve Size #4 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100	N/A	99.5
Sieve Size #40 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	98.5	N/A	95
Sieve Size #60 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	97.7	N/A	91
Sieve Size #80 - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	96.7	N/A	88
Sieve Size 0.375 inch - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100	N/A	100
Sieve Size 0.75 inch - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100	N/A	100
Sieve Size 1 inch - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100	N/A	100
Sieve Size 1.5 inch - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100	N/A	100
Sieve Size 2 inch - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100	N/A	100
Sieve Size 3 inch - Percent Finer		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100	N/A	100
Silt		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	50.4	N/A	45.9
pH													
pH		5.2	6	5.9	5.8	5.7	5.8	6	5.5	5.7	N/A	7.68 O-04	N/A
TC													
Total Carbon		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6630	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

	Location ID	JP-KCR-009	JP-KCR-010	JP-KCR-010	JP-KCR-010	JP-KCR-010	JP-KCR-010	JP-KCR-010	JP-KCR-010	JP-KCR-010	JP-KCR-011	JP-KCR-011	JP-KCR-012
	Sample ID	SAIC01	SAIC04	SAIC04-00	SAIC04-04	SAIC04-08	SAIC04-12	SAIC04-24	SAIC04-36	SAIC04-48	SAIC01R	SAIC01	SAIC01DR
	Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
	Depth (ft.)	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	14.0	10.0	10.0
	Parameter	Sample Date	10/21/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	10/23/2008	03/27/2012	12/11/2009	03/28/2012
TOC													
Total Organic Carbon		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1120	N/A	4680
TOC													
Total Carbon		19300	1400	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Organic Carbon		9110	636 B	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4610	N/A
Total Carbon													
Total Carbon		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1490	N/A	23100
Total Inorganic Carbon													
Total Inorganic Carbon		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	375	N/A	18400

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

	Location ID Sample ID Sample Type Depth (ft.) Parameter	JP-KCR-012 SAIC01R BORE 10.0 03/28/2012	JP-KCR-012 SAIC01 BORE 8.0 12/11/2009	JP-KCR-012 SAIC01-00 BORE 8.0 12/11/2009	JP-KCR-012 SAIC01-04 BORE 8.0 12/11/2009	JP-KCR-012 SAIC01-08 BORE 8.0 12/11/2009	JP-KCR-012 SAIC01-12 BORE 8.0 12/11/2009	JP-KCR-012 SAIC01-24 BORE 8.0 12/11/2009	JP-KCR-012 SAIC01-36 BORE 8.0 12/11/2009	JP-KCR-012 SAIC01-48 BORE 8.0 12/11/2009	JP-KGR-001 SAIC03-00 BORE 1.0 10/26/2008	JP-KGR-001 SAIC03-04 BORE 1.0 10/26/2008	JP-KGR-001 SAIC03-08 BORE 1.0 10/26/2008
Alkalinity													
Alkalinity		N/A	N/A	112 J	186 J	132 J	192 J	144 J	168 J	200 J	81.6 J	70.4 J	70.4 J
Cation Exchange Capacity													
Cation Exchange Capacity		7.3 J	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn													
Iron		N/A	14000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese		N/A	192 E	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals													
Iron		19700 N*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese		646 N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture													
Moisture		N/A	13.62	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content													
Moisture		19	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution													
Clay		36.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand		1.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand		15.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel		0.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer		69.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer		58.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer		48.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer		42	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer		36.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer		29.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer		25.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand		3.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand		20.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer		98.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer		85.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer		96.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer		79.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer		99.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer		94.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer		90.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer		87.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer		100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer		100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer		100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer		100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer		100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer		100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt		43	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH													
pH		N/A	8.37 O-04	8	8.1	8	8.1	7.9	8.1	8	7.6	7.6	7.5
		7.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TC													
Total Carbon		N/A	8540	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-KCR-012	JP-KCR-012	JP-KCR-012	JP-KCR-012	JP-KCR-012	JP-KCR-012	JP-KCR-012	JP-KCR-012	JP-KCR-012	JP-KCR-012	JP-KGR-001	JP-KGR-001	JP-KGR-001
Sample ID	SAIC01R	SAIC01	SAIC01-00	SAIC01-04	SAIC01-08	SAIC01-12	SAIC01-24	SAIC01-36	SAIC01-48	SAIC03-00	SAIC03-04	SAIC03-08	SAIC03-08
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	10.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	1.0	1.0	1.0	1.0
Parameter	Sample Date	03/28/2012	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	12/11/2009	10/26/2008	10/26/2008	10/26/2008
TOC													
Total Organic Carbon		4860	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC													
Total Carbon		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 Organic Carbon		N/A	20300	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Carbon													
Total Carbon		25300	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon													
Total Inorganic Carbon		20400	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-KGR-001	JP-KGR-001	JP-KGR-001	JP-KGR-001	JP-KGR-003	JP-KGR-004	JP-KGR-004	JP-KGR-004	JP-KGR-004	JP-KGR-004	JP-KGR-004	JP-KGR-004
Sample ID	SAIC03-12	SAIC03-24	SAIC03-36	SAIC03-48	SAIC01	SAIC04	SAIC04-00	SAIC04-04	SAIC04-08	SAIC04-12	SAIC04-24	SAIC04-36
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	1.0	1.0	1.0	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Parameter	Sample Date	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/21/2008	10/21/2008	10/21/2008	10/21/2008	10/21/2008	10/21/2008	10/21/2008
Alkalinity												
Alkalinity	141 J	109 J	168 J	158 J	N/A	N/A	50 U	50 U	50 U	50 U	50 U	50 U
Cation Exchange Capacity												
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn												
Iron	N/A	N/A	N/A	N/A	11000	21500	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	182	544	N/A	N/A	N/A	N/A	N/A	N/A
Metals												
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture												
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content												
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution												
Clay	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH												
pH	8	7.5	7.9	7.6	5.2	5	4.7	4.6	4.6	4.5	4.7	4.5
TC												
Total Carbon	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: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-KGR-001	JP-KGR-001	JP-KGR-001	JP-KGR-001	JP-KGR-003	JP-KGR-004	JP-KGR-004	JP-KGR-004	JP-KGR-004	JP-KGR-004	JP-KGR-004	JP-KGR-004	JP-KGR-004
Sample ID	SAIC03-12	SAIC03-24	SAIC03-36	SAIC03-48	SAIC01	SAIC04	SAIC04-00	SAIC04-04	SAIC04-08	SAIC04-12	SAIC04-24	SAIC04-36	SAIC04-36
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	1.0	1.0	1.0	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Parameter	Sample Date	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/21/2008	10/21/2008	10/21/2008	10/21/2008	10/21/2008	10/21/2008	10/21/2008	10/21/2008
TOC													
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC													
Total Carbon	N/A	N/A	N/A	N/A	17000	1550	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Organic Carbon	N/A	N/A	N/A	N/A	7120	742 B	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Carbon													
Total Carbon	N/A	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 Inorganic Carbon													
Total Inorganic Carbon	N/A	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: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-KGR-004	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005
Sample ID	SAIC04-48	SAIC01DR	SAIC01R	SAIC01R_D60	SAIC01	SAIC01-00	SAIC01-04	SAIC01-08	SAIC01-12	SAIC01-24	SAIC01-36	SAIC01-48	SAIC01-48
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	2.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Parameter	Sample Date	10/21/2008	03/27/2012	03/27/2012	03/27/2012	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009
Alkalinity													
Alkalinity	50 U	N/A	N/A	N/A	N/A	122 J	116 J	120 J	144 J	134 J	176 J	176 J	
Cation Exchange Capacity													
Cation Exchange Capacity	N/A	17.8 J	17.3 J	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn													
Iron	N/A	N/A	N/A	N/A	22700	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	1160 D	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals													
Iron	N/A	36300 N	32700 N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	1190 N	1110 N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture													
Moisture	N/A	N/A	N/A	N/A	26.43	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content													
Moisture	N/A	25	28.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution													
Clay	N/A	55.8	51.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand	N/A	0.4	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand	N/A	5.4	4.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel	N/A	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	84.9	80.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	76.3	72.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	66.1	62.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	59.2	56.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	55.8	51.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	47.1	43	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	40.3	38.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand	N/A	1.5	1.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand	N/A	7.3	6.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	99.6	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	95	95.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	99.1	99.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	92.7	93.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	100	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	98.1	98.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	96.7	97.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	95.7	96.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	100	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	100	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	100	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	100	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	100	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	100	100	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt	N/A	36.9	42.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH													
pH	4.5	N/A	N/A	N/A	8.11 O-04	8.4	7.6	7.8	7.8	7.6	7.8	7.8	
TC													
Total Carbon	N/A	N/A	N/A	N/A	2400	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-KGR-004	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005	JP-KGR-005
Sample ID	SAIC04-48	SAIC01DR	SAIC01R	SAIC01R_D60	SAIC01	SAIC01-00	SAIC01-04	SAIC01-08	SAIC01-12	SAIC01-24	SAIC01-36	SAIC01-48	SAIC01-48
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	2.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Parameter	Sample Date	10/21/2008	03/27/2012	03/27/2012	03/27/2012	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009	12/10/2009
TOC													
Total Organic Carbon	N/A	5450	5010	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC													
Total Carbon	N/A	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 Organic Carbon	N/A	N/A	N/A	N/A	1020	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Carbon													
Total Carbon	N/A	10600	7140	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon													
Total Inorganic Carbon	N/A	5120	2140	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNAC-001	JP-PNAC-001	JP-PNAC-001	JP-PNAC-001	JP-PNAC-001	JP-PNAC-001	JP-PNAC-001	JP-PNAC-002	JP-PNAC-002	JP-PNAC-002	JP-PNAC-002
Sample ID	SAIC05	SAIC05_D60	SAIC01	SAIC02	SAIC03	SAIC04	SAIC01	SAIC02	SAIC03	SAIC04	SAIC04
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	0.0	0.0	0.0	0.5	1.0	2.0	0.0	0.5	1.0	2.0	2.0
Parameter	Sample Date	03/30/2012	03/30/2012	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008
Alkalinity											
Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cation Exchange Capacity											
Cation Exchange Capacity	10.5 J	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn											
Iron	N/A	N/A	5800 *	N/A	N/A	N/A	6620 *	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	51.8	N/A	N/A	N/A	52.8	N/A	N/A	N/A	N/A
Metals											
Iron	7610 NE*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	8.7 NE*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture											
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content											
Moisture	17.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution											
Clay	28.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand	0.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand	13.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	70.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	59.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	43.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	33.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	28.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	18.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	12.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand	3.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand	17.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	99.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	87.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	98.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	82.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	100.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	95.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	91.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	88.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	100.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	100.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	100.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	100.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	100.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	100.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt	54.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH											
pH	N/A	N/A	5.4	N/A	N/A	N/A	5.2	N/A	N/A	N/A	N/A
TC											
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNAC-001	JP-PNAC-001	JP-PNAC-001	JP-PNAC-001	JP-PNAC-001	JP-PNAC-001	JP-PNAC-001	JP-PNAC-002	JP-PNAC-002	JP-PNAC-002	JP-PNAC-002
Sample ID	SAIC05	SAIC05_D60	SAIC01	SAIC02	SAIC03	SAIC04	SAIC01	SAIC02	SAIC03	SAIC04	SAIC04
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	0.0	0.0	0.0	0.5	1.0	2.0	0.0	0.5	1.0	2.0	2.0
Parameter	Sample Date	03/30/2012	03/30/2012	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008
TOC											
Total Organic Carbon	3670	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC											
Total Carbon	N/A	N/A	22000	N/A	N/A	N/A	19900	N/A	N/A	N/A	N/A
Total Organic Carbon	N/A	N/A	14000	N/A	N/A	N/A	10800	N/A	N/A	N/A	N/A
Total Carbon											
Total Carbon	3580	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon											
Total Inorganic Carbon	100 U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNAC-003	JP-PNAC-003	JP-PNAC-003	JP-PNAC-003	JP-PNAC-004	JP-PNAC-004	JP-PNAC-004	JP-PNAC-004	JP-PNAC-005	JP-PNAC-005
Sample ID	SAIC01	SAIC02	SAIC03	SAIC04	SAIC01	SAIC02	SAIC03	SAIC04	SAIC01	SAIC02
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	0.0	0.5	1.0	2.0	0.0	0.5	1.0	2.0	0.0	0.5
Parameter	Sample Date	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008
Alkalinity										
Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cation Exchange Capacity										
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn										
Iron	5280 *	N/A	N/A	N/A	4630 *	N/A	N/A	N/A	13600 *	N/A
Manganese	29.2	N/A	N/A	N/A	10.7	N/A	N/A	N/A	3270	N/A
Metals										
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture										
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content										
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution										
Clay	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH										
pH	5.5	N/A	N/A	N/A	5.2	N/A	N/A	N/A	5.1	N/A
TC										
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNAC-003	JP-PNAC-003	JP-PNAC-003	JP-PNAC-003	JP-PNAC-004	JP-PNAC-004	JP-PNAC-004	JP-PNAC-004	JP-PNAC-005	JP-PNAC-005
Sample ID	SAIC01	SAIC02	SAIC03	SAIC04	SAIC01	SAIC02	SAIC03	SAIC04	SAIC01	SAIC02
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	0.0	0.5	1.0	2.0	0.0	0.5	1.0	2.0	0.0	0.5
Parameter	Sample Date	10/27/2008	10/27/2008	10/27/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008
TOC										
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC										
Total Carbon	13500	N/A	N/A	N/A	17700	N/A	N/A	N/A	26400	N/A
Total Organic Carbon	1650	N/A	N/A	N/A	15000	N/A	N/A	N/A	14800	N/A
Total Carbon										
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon										
Total Inorganic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNAC-005	JP-PNAC-005	JP-PNAC-006	JP-PNAC-006	JP-PNAC-006	JP-PNAC-006	JP-PNAC-006	JP-PNAC-006	JP-PNAC-007	JP-PNAC-007	JP-PNAC-007
Sample ID	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	2.0	0.0	0.2	0.5	1.0	2.0	0.0	0.4	0.5	0.5
Parameter	Sample Date	10/28/2008	10/28/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/28/2008	10/28/2008	10/28/2008
Alkalinity											
Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cation Exchange Capacity											
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn											
Iron	N/A	N/A	N/A	N/A	N/A	N/A	15800 *	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	83.5	N/A	N/A	N/A	N/A
Metals											
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture											
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content											
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution											
Clay	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH											
pH	N/A	N/A	N/A	N/A	N/A	N/A	4.2	N/A	N/A	N/A	N/A
TC											
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNAC-005	JP-PNAC-005	JP-PNAC-006	JP-PNAC-006	JP-PNAC-006	JP-PNAC-006	JP-PNAC-006	JP-PNAC-007	JP-PNAC-007	JP-PNAC-007
Sample ID	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	2.0	0.0	0.2	0.5	1.0	2.0	0.0	0.4	0.5
Parameter	Sample Date	10/28/2008	10/28/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/28/2008	10/28/2008
TOC										
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC										
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	3160	N/A	N/A	N/A
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	8770	N/A	N/A	N/A
Total Carbon										
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon										
Total Inorganic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNAC-007	JP-PNAC-007	JP-PNAC-008	JP-PNAC-008	JP-PNAC-008	JP-PNAC-008	JP-PNAC-008	JP-PNAC-008	JP-PNAC-009	JP-PNAC-009	JP-PNAC-009
Sample ID	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC05	SAIC01	SAIC02
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	2.0	0.0	0.2	0.5	1.0	2.0	0.0	0.5	1.0	1.0
Parameter	Sample Date	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/27/2008	10/27/2008	10/27/2008
Alkalinity											
Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cation Exchange Capacity											
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn											
Iron	N/A	11500 *	N/A	N/A	N/A	N/A	9530 *	N/A	N/A	N/A	N/A
Manganese	N/A	17.8	N/A	N/A	N/A	N/A	255	N/A	N/A	N/A	N/A
Metals											
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture											
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content											
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution											
Clay	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH											
pH	N/A	5.4	N/A	N/A	N/A	N/A	4.9	N/A	N/A	N/A	N/A
TC											
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNAC-007	JP-PNAC-007	JP-PNAC-008	JP-PNAC-008	JP-PNAC-008	JP-PNAC-008	JP-PNAC-008	JP-PNAC-008	JP-PNAC-009	JP-PNAC-009	JP-PNAC-009
Sample ID	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	2.0	0.0	0.2	0.5	1.0	2.0	0.0	0.5	1.0	1.0
Parameter	Sample Date	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/27/2008	10/27/2008	10/27/2008
TOC											
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC											
Total Carbon	N/A	3230	N/A	N/A	N/A	N/A	2100	N/A	N/A	N/A	N/A
Total Organic Carbon	N/A	2120	N/A	N/A	N/A	N/A	1130 B	N/A	N/A	N/A	N/A
Total Carbon											
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon											
Total Inorganic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNAC-009	JP-PNAC-009	JP-PNAC-010	JP-PNAC-010	JP-PNAC-010	JP-PNAC-010	JP-PNAC-010	JP-PNAC-010	JP-PNCR-001	JP-PNCR-001	JP-PNCR-001	JP-PNCR-001
Sample ID	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC03
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.5	2.5	0.0	0.2	0.5	1.0	2.0	0.0	0.0	0.5	1.0	1.0
Parameter	Sample Date	10/27/2008	10/27/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	03/30/2012	10/26/2008	10/26/2008	10/26/2008
Alkalinity												
Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cation Exchange Capacity												
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12 J	N/A	N/A	N/A	N/A
Fe/Mn												
Iron	N/A	16500 *	N/A	N/A	N/A	N/A	17700 *	N/A	16200	N/A	N/A	N/A
Manganese	N/A	280	N/A	N/A	N/A	N/A	437	N/A	1240	N/A	N/A	N/A
Metals												
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	20900 NE*	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1040 NE*	N/A	N/A	N/A	N/A
Moisture												
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content												
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	20.6	N/A	N/A	N/A	N/A
Particle Size Distribution												
Clay	N/A	N/A	N/A	N/A	N/A	N/A	N/A	34.0	N/A	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.6	N/A	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.0	N/A	N/A	N/A	N/A
Gravel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	78.6	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	67.8	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	51.6	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	42.1	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	34.0	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	25.7	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17.6	N/A	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.1	N/A	N/A	N/A	N/A
Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	11.7	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	99.4	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	90.4	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	97.6	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	88.3	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	95.3	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	92.7	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	91.2	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	N/A	N/A	N/A	N/A
Silt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	54.3	N/A	N/A	N/A	N/A
pH												
pH	N/A	5	N/A	N/A	N/A	N/A	4.9	N/A	5.6	N/A	N/A	N/A
TC												
Total Carbon	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: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNAC-009	JP-PNAC-009	JP-PNAC-010	JP-PNAC-010	JP-PNAC-010	JP-PNAC-010	JP-PNAC-010	JP-PNAC-010	JP-PNCR-001	JP-PNCR-001	JP-PNCR-001	JP-PNCR-001
Sample ID	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC03
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.5	2.5	0.0	0.2	0.5	1.0	2.0	0.0	0.0	0.5	1.0	1.0
Parameter	Sample Date	10/27/2008	10/27/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	03/30/2012	10/26/2008	10/26/2008	10/26/2008
TOC												
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2950	N/A	N/A	N/A	N/A
TOC												
Total Carbon	N/A	6420	N/A	N/A	N/A	N/A	2110	N/A	16700	N/A	N/A	N/A
Total Organic Carbon	N/A	2830	N/A	N/A	N/A	N/A	750 B	N/A	8550	N/A	N/A	N/A
Total Carbon												
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3950	N/A	N/A	N/A	N/A
Total Inorganic Carbon												
Total Inorganic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	998	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNCR-001	JP-PNCR-002	JP-PNCR-002	JP-PNCR-002	JP-PNCR-002	JP-PNCR-003	JP-PNCR-003	JP-PNCR-003	JP-PNCR-004	JP-PNCR-004
Sample ID	SAIC04	SAIC01	SAIC02	SAIC03	SAIC04	SAIC01	SAIC02	SAIC03	SAIC01	SAIC02
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	2.0	0.0	0.5	1.0	2.0	0.0	0.5	1.0	0.0	0.5
Parameter	Sample Date	10/26/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008
Alkalinity										
Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cation Exchange Capacity										
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn										
Iron	N/A	21800	N/A	N/A	N/A	17700 *	N/A	N/A	16800 *	N/A
Manganese	N/A	1070	N/A	N/A	N/A	896	N/A	N/A	1330	N/A
Metals										
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture										
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content										
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution										
Clay	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH										
pH	N/A	5.5	N/A	N/A	N/A	6	N/A	N/A	6.7	N/A
TC										
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNCR-001	JP-PNCR-002	JP-PNCR-002	JP-PNCR-002	JP-PNCR-002	JP-PNCR-003	JP-PNCR-003	JP-PNCR-003	JP-PNCR-004	JP-PNCR-004
Sample ID	SAIC04	SAIC01	SAIC02	SAIC03	SAIC04	SAIC01	SAIC02	SAIC03	SAIC01	SAIC02
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	2.0	0.0	0.5	1.0	2.0	0.0	0.5	1.0	0.0	0.5
Parameter	Sample Date	10/26/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008
TOC										
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC										
Total Carbon	N/A	15400	N/A	N/A	N/A	20500	N/A	N/A	8670	N/A
Total Organic Carbon	N/A	9670	N/A	N/A	N/A	9770	N/A	N/A	9980	N/A
Total Carbon										
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon										
Total Inorganic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNCR-004	JP-PNCR-005	JP-PNCR-005	JP-PNCR-005	JP-PNCR-006	JP-PNCR-006	JP-PNCR-006	JP-PNCR-006	JP-PNCR-006	JP-PNCR-006
Sample ID	SAIC03	SAIC01	SAIC02	SAIC03	SAIC01	SAIC01D	SAIC02	SAIC02D	SAIC03	SAIC03D
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	0.0	0.5	1.0	0.0	0.0	0.1	0.1	0.6	0.6
Parameter	Sample Date	10/27/2008	10/28/2008	10/28/2008	10/28/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008
Alkalinity										
Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cation Exchange Capacity										
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn										
Iron	N/A	21100 *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	1150	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Metals										
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture										
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content										
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution										
Clay	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH										
pH	N/A	5.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TC										
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNCR-004	JP-PNCR-005	JP-PNCR-005	JP-PNCR-005	JP-PNCR-006	JP-PNCR-006	JP-PNCR-006	JP-PNCR-006	JP-PNCR-006	JP-PNCR-006
Sample ID	SAIC03	SAIC01	SAIC02	SAIC03	SAIC01	SAIC01D	SAIC02	SAIC02D	SAIC03	SAIC03D
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	0.0	0.5	1.0	0.0	0.0	0.1	0.1	0.6	0.6
Parameter	Sample Date	10/27/2008	10/28/2008	10/28/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/27/2008
TOC										
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC										
Total Carbon	N/A	13900	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Organic Carbon	N/A	12800	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Carbon										
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon										
Total Inorganic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNCR-006	JP-PNCR-006	JP-PNCR-006	JP-PNCR-006	JP-PNCR-007	JP-PNCR-007	JP-PNCR-007	JP-PNCR-008	JP-PNCR-008	JP-PNCR-008
Sample ID	SAIC04	SAIC04D	SAIC05	SAIC05D	SAIC01	SAIC02	SAIC03	SAIC01	SAIC02	SAIC03
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.1	1.1	2.1	2.1	0.0	0.2	0.8	0.0	0.2	0.8
Parameter	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date
	10/27/2008	10/27/2008	10/27/2008	10/27/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008
Alkalinity										
Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cation Exchange Capacity										
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn										
Iron	14200 *	18600 *	N/A	N/A	14800	N/A	N/A	N/A	N/A	N/A
Manganese	1280	1420	N/A	N/A	327	N/A	N/A	N/A	N/A	N/A
Metals										
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture										
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content										
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution										
Clay	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH										
pH	5.6	5.4	N/A	N/A	5	N/A	N/A	N/A	N/A	N/A
TC										
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNCR-006	JP-PNCR-006	JP-PNCR-006	JP-PNCR-006	JP-PNCR-007	JP-PNCR-007	JP-PNCR-007	JP-PNCR-008	JP-PNCR-008	JP-PNCR-008
Sample ID	SAIC04	SAIC04D	SAIC05	SAIC05D	SAIC01	SAIC02	SAIC03	SAIC01	SAIC02	SAIC03
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.1	1.1	2.1	2.1	0.0	0.2	0.8	0.0	0.2	0.8
Parameter	Sample Date	10/27/2008	10/27/2008	10/27/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008
TOC										
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC										
Total Carbon	8380	8850	N/A	N/A	2520	N/A	N/A	N/A	N/A	N/A
Total Organic Carbon	5030	4730	N/A	N/A	1030 B	N/A	N/A	N/A	N/A	N/A
Total Carbon										
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon										
Total Inorganic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNCR-008	JP-PNCR-009	JP-PNCR-009	JP-PNCR-009	JP-PNCR-010	JP-PNCR-010	JP-PNCR-010	JP-PNCR-010	JP-PNCR-010	JP-PNCR-001	JP-PNCR-001
Sample ID	SAIC04	SAIC01	SAIC02	SAIC03	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01	SAIC01
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.2	0.0	0.5	1.0	0.0	0.5	1.0	2.0	0.0	0.0	0.0
Parameter	Sample Date	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	03/30/2012	10/26/2008
Alkalinity											
Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cation Exchange Capacity											
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	27.2 J	N/A
Fe/Mn											
Iron	27700 *	31200 *	N/A	N/A	14900 *	N/A	N/A	N/A	N/A	N/A	18800
Manganese	1390	823	N/A	N/A	647	N/A	N/A	N/A	N/A	N/A	1960
Metals											
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8800 NE*	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	837 NE*	N/A
Moisture											
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content											
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	19.4	N/A
Particle Size Distribution											
Clay	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	34.7	N/A
Coarse Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.0	N/A
Fine Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12.5	N/A
Gravel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.6	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	60.2	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	53.8	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	44.9	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	39.8	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	34.7	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	28.1	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	21.7	N/A
Medium Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.1	N/A
Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	18.6	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	96.4	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	82.6	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	94.0	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	78.8	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	97.4	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	91.3	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	87.0	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	84.2	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100.0	N/A
Silt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	44.1	N/A
pH											
pH	5.1	5.9	N/A	N/A	5.6	N/A	N/A	N/A	N/A	N/A	7.5
TC											
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNCR-008	JP-PNCR-009	JP-PNCR-009	JP-PNCR-009	JP-PNCR-010	JP-PNCR-010	JP-PNCR-010	JP-PNCR-010	JP-PNCR-010	JP-PNGR-001	JP-PNGR-001
Sample ID	SAIC04	SAIC01	SAIC02	SAIC03	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01	SAIC01
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.2	0.0	0.5	1.0	0.0	0.5	1.0	2.0	0.0	0.0	0.0
Parameter	Sample Date	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	10/28/2008	03/30/2012	10/26/2008
TOC											
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	23800	N/A
TOC											
Total Carbon	1920	23200	N/A	N/A	13200	N/A	N/A	N/A	N/A	N/A	44100
Total Organic Carbon	1200 B	10800	N/A	N/A	7540	N/A	N/A	N/A	N/A	N/A	24000
Total Carbon											
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	26300	N/A
Total Inorganic Carbon											
Total Inorganic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2470	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNGR-001	JP-PNGR-001	JP-PNGR-001	JP-PNGR-002	JP-PNGR-002	JP-PNGR-002	JP-PNGR-003	JP-PNGR-003	JP-PNGR-003	JP-PNGR-003
Sample ID	SAIC02	SAIC03	SAIC04	SAIC01	SAIC02	SAIC03	SAIC01	SAIC01D	SAIC02	SAIC02D
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	0.5	1.0	2.0	0.0	0.5	1.0	0.0	0.0	0.5	0.5
Parameter	Sample Date	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008
Alkalinity										
Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cation Exchange Capacity										
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn										
Iron	N/A	N/A	N/A	10900	N/A	N/A	18000	17600	N/A	N/A
Manganese	N/A	N/A	N/A	684	N/A	N/A	1240	1210	N/A	N/A
Metals										
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture										
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content										
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution										
Clay	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH										
pH	N/A	N/A	N/A	7.3	N/A	N/A	6.5	6.4	N/A	N/A
TC										
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNGR-001	JP-PNGR-001	JP-PNGR-001	JP-PNGR-002	JP-PNGR-002	JP-PNGR-002	JP-PNGR-003	JP-PNGR-003	JP-PNGR-003	JP-PNGR-003
Sample ID	SAIC02	SAIC03	SAIC04	SAIC01	SAIC02	SAIC03	SAIC01	SAIC01D	SAIC02	SAIC02D
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	0.5	1.0	2.0	0.0	0.5	1.0	0.0	0.0	0.5	0.5
Parameter	Sample Date	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008
TOC										
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC										
Total Carbon	N/A	N/A	N/A	42000	N/A	N/A	14900	15000	N/A	N/A
Total Organic Carbon	N/A	N/A	N/A	9870	N/A	N/A	6870	8510	N/A	N/A
Total Carbon										
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon										
Total Inorganic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNGR-003	JP-PNGR-003	JP-PNGR-003	JP-PNGR-003	JP-PNGR-004	JP-PNGR-004	JP-PNGR-004	JP-PNGR-004
Sample ID	SAIC03	SAIC03D	SAIC04	SAIC04D	SAIC04	SAIC01	SAIC02	SAIC03
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	1.0	2.0	2.0	0.0	0.5	1.0	1.5
Parameter	Sample Date	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008
Alkalinity								
Alkalinity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cation Exchange Capacity								
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fe/Mn								
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	18100
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2270
Metals								
Iron	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture								
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moisture Content								
Moisture	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution								
Clay	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gravel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH								
pH	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.8
TC								
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Presentation: Nonradiological Data for Soil Samples, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-PNGR-003	JP-PNGR-003	JP-PNGR-003	JP-PNGR-003	JP-PNGR-004	JP-PNGR-004	JP-PNGR-004	JP-PNGR-004
Sample ID	SAIC03	SAIC03D	SAIC04	SAIC04D	SAIC04	SAIC01	SAIC02	SAIC03
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	1.0	2.0	2.0	0.0	0.5	1.0	1.5
Parameter	Sample Date	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008	10/26/2008
TOC								
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOC								
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14000
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8000
Total Carbon								
Total Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon								
Total Inorganic Carbon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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.