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

Parameter / Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date	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			**4.3**	**4.3**	**4.3**	**4.3**	**4.3**	**4.3**	**4.3**	**4.7**	**5.5**	**5.4**
	No Units		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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

Parameter	Location ID Sample ID Sample Type Depth (ft.) Sample Date	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
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

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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date												
	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
	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
	Sample Type	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
	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
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
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
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		**5.2**	**5.4**	**5.2**	**4.2**	**5.3**	**5.2**	**6.3**	**6.4**	**6.2**	**6.4**	**5.4**	**5.4**
		N/A	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	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date	JP-KAC-010 SAIC04-04 BORE 2.0 10/23/2008	JP-KAC-010 SAIC04-08 BORE 2.0 10/23/2008	JP-KAC-010 SAIC04-12 BORE 2.0 10/23/2008	JP-KAC-010 SAIC04-24 BORE 2.0 10/23/2008	JP-KAC-010 SAIC04-36 BORE 2.0 10/23/2008	JP-KAC-010 SAIC04-48 BORE 2.0 10/23/2008	JP-KAC-010 SAIC04D-00 BORE 2.0 10/23/2008	JP-KAC-010 SAIC04D-04 BORE 2.0 10/23/2008	JP-KAC-010 SAIC04D-08 BORE 2.0 10/23/2008	JP-KAC-010 SAIC04D-12 BORE 2.0 10/23/2008	JP-KAC-010 SAIC04D-24 BORE 2.0 10/23/2008	JP-KAC-010 SAIC04D-36 BORE 2.0 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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date												
	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_D60	SAIC01	SAIC01R	SAIC01R_D60	SAIC01	SAIC01-00	SAIC01-04
	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	10.0	12.0	12.0	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
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**
		N/A	**8**	N/A	N/A	**8.2**	N/A	N/A	**8.9**	N/A	N/A	N/A	N/A
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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date												
	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_D60	SAIC01	SAIC01R	SAIC01R_D60	SAIC01	SAIC01-00	SAIC01-04
	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	10.0	12.0	12.0	10.0	10.0	10.0
	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
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	**13000**	**17400**	N/A	N/A	**924**	N/A	N/A	**464**	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
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

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

Parameter / Location ID	Sample ID	Sample Type	Depth (ft.)	Sample Date
	JP-KAC-013	SAIC01-08	BORE	10.0	12/11/2009
	JP-KAC-013	SAIC01-12	BORE	10.0	12/11/2009
	JP-KAC-013	SAIC01-24	BORE	10.0	12/11/2009
	JP-KAC-013	SAIC01-36	BORE	10.0	12/11/2009
	JP-KAC-013	SAIC01-48	BORE	10.0	12/11/2009
	JP-KCR-002	SAIC04-00	BORE	2.0	10/27/2008
	JP-KCR-002	SAIC04-04	BORE	2.0	10/27/2008
	JP-KCR-002	SAIC04-08	BORE	2.0	10/27/2008
	JP-KCR-002	SAIC04-12	BORE	2.0	10/27/2008
	JP-KCR-002	SAIC04-24	BORE	2.0	10/27/2008
	JP-KCR-002	SAIC04-36	BORE	2.0	10/27/2008
	JP-KCR-002	SAIC04-48	BORE	2.0	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	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	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
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	**8.3**	**8.3**	**8.1**	**8.3**	**8.2**	**4.5**	**4.6**	**4.5**	**4.5**	**6.2**	**4.7**	**4.5**
	N/A	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	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date												
	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
	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	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	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

Parameter / Location ID	Sample ID	Sample Type	Depth (ft.)	Sample Date
	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
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**8.5**	N/A	**7.7**
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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date	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
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

Parameter / Location ID	Sample ID	Sample Type	Depth (ft.)	Sample Date
	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date	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
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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date											
	JP-KGR-001 SAIC03-12 BORE 1.0 10/26/2008	JP-KGR-001 SAIC03-24 BORE 1.0 10/26/2008	JP-KGR-001 SAIC03-36 BORE 1.0 10/26/2008	JP-KGR-001 SAIC03-48 BORE 1.0 10/26/2008	JP-KGR-003 SAIC01 BORE 0.0 10/21/2008	JP-KGR-004 SAIC04 BORE 2.0 10/21/2008	JP-KGR-004 SAIC04-00 BORE 2.0 10/21/2008	JP-KGR-004 SAIC04-04 BORE 2.0 10/21/2008	JP-KGR-004 SAIC04-08 BORE 2.0 10/21/2008	JP-KGR-004 SAIC04-12 BORE 2.0 10/21/2008	JP-KGR-004 SAIC04-24 BORE 2.0 10/21/2008	JP-KGR-004 SAIC04-36 BORE 2.0 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** N/A	**7.5** N/A	**7.9** N/A	**7.6** N/A	**5.2** N/A	**5** N/A	**4.7** N/A	**4.6** N/A	**4.6** N/A	**4.5** N/A	**4.7** N/A	**4.5** 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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date	JP-KGR-001 SAIC03-12 BORE 1.0 10/26/2008	JP-KGR-001 SAIC03-24 BORE 1.0 10/26/2008	JP-KGR-001 SAIC03-36 BORE 1.0 10/26/2008	JP-KGR-001 SAIC03-48 BORE 1.0 10/26/2008	JP-KGR-003 SAIC01 BORE 0.0 10/21/2008	JP-KGR-004 SAIC04 BORE 2.0 10/21/2008	JP-KGR-004 SAIC04-00 BORE 2.0 10/21/2008	JP-KGR-004 SAIC04-04 BORE 2.0 10/21/2008	JP-KGR-004 SAIC04-08 BORE 2.0 10/21/2008	JP-KGR-004 SAIC04-12 BORE 2.0 10/21/2008	JP-KGR-004 SAIC04-24 BORE 2.0 10/21/2008	JP-KGR-004 SAIC04-36 BORE 2.0 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
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
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
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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date												
	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
	Sample ID	SAIC04-48	SAIC01DR	SAIC01R	SAIC01R_D60	SAIC01	SAIC01-00	SAIC01-04	SAIC01-08	SAIC01-12	SAIC01-24	SAIC01-36	SAIC01-48
	Sample Type	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
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
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
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
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
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
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
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
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
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
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
Gravel		N/A	**0**	**0**	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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**
		N/A	**9.8**	**10.4**	N/A	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	**2400**	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date	JP-KGR-004 SAIC04-48 BORE 2.0 10/21/2008	JP-KGR-005 SAIC01DR BORE 6.0 03/27/2012	JP-KGR-005 SAIC01R BORE 6.0 03/27/2012	JP-KGR-005 SAIC01R_D60 BORE 6.0 03/27/2012	JP-KGR-005 SAIC01 BORE 6.0 12/10/2009	JP-KGR-005 SAIC01-00 BORE 6.0 12/10/2009	JP-KGR-005 SAIC01-04 BORE 6.0 12/10/2009	JP-KGR-005 SAIC01-08 BORE 6.0 12/10/2009	JP-KGR-005 SAIC01-12 BORE 6.0 12/10/2009	JP-KGR-005 SAIC01-24 BORE 6.0 12/10/2009	JP-KGR-005 SAIC01-36 BORE 6.0 12/10/2009	JP-KGR-005 SAIC01-48 BORE 6.0 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
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	**1020**	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
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

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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date	JP-PNAC-001 SAIC05 BORE 0.0 03/30/2012	JP-PNAC-001 SAIC05_D60 BORE 0.0 03/30/2012	JP-PNAC-001 SAIC01 BORE 0.0 10/27/2008	JP-PNAC-001 SAIC02 BORE 0.5 10/27/2008	JP-PNAC-001 SAIC03 BORE 1.0 10/27/2008	JP-PNAC-001 SAIC04 BORE 2.0 10/27/2008	JP-PNAC-002 SAIC01 BORE 0.0 10/27/2008	JP-PNAC-002 SAIC02 BORE 0.5 10/27/2008	JP-PNAC-002 SAIC03 BORE 1.0 10/27/2008	JP-PNAC-002 SAIC04 BORE 2.0 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		**10.5 J**	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
Manganese		N/A	N/A	**51.8**	N/A	N/A	N/A	**52.8**	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
Manganese		**8.7 NE***	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		**17.8**	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
Coarse Sand		**0.9**	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
Gravel		**0.0**	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
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
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
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
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
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
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
Medium Sand		**3.3**	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
Silt		**54.1**	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
		4.8	N/A	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date										
	Location ID	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
	Sample Type	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
	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
TOC											
Total Carbon		N/A	N/A	**22000**	N/A	N/A	N/A	**19900**	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
Total Carbon											
Total Carbon		**3580**	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

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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date	JP-PNAC-003 SAIC01 BORE 0.0 10/27/2008	JP-PNAC-003 SAIC02 BORE 0.5 10/27/2008	JP-PNAC-003 SAIC03 BORE 1.0 10/27/2008	JP-PNAC-003 SAIC04 BORE 2.0 10/27/2008	JP-PNAC-004 SAIC01 BORE 0.0 10/28/2008	JP-PNAC-004 SAIC02 BORE 0.5 10/28/2008	JP-PNAC-004 SAIC03 BORE 1.0 10/28/2008	JP-PNAC-004 SAIC04 BORE 2.0 10/28/2008	JP-PNAC-005 SAIC01 BORE 0.0 10/28/2008	JP-PNAC-005 SAIC02 BORE 0.5 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
		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	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date										
	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
	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
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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date									
	JP-PNAC-005 SAIC03 BORE 1.0 10/28/2008	JP-PNAC-005 SAIC04 BORE 2.0 10/28/2008	JP-PNAC-006 SAIC05 BORE 0.0 10/27/2008	JP-PNAC-006 SAIC01 BORE 0.2 10/27/2008	JP-PNAC-006 SAIC02 BORE 0.5 10/27/2008	JP-PNAC-006 SAIC03 BORE 1.0 10/27/2008	JP-PNAC-006 SAIC04 BORE 2.0 10/27/2008	JP-PNAC-007 SAIC05 BORE 0.0 10/28/2008	JP-PNAC-007 SAIC01 BORE 0.4 10/28/2008	JP-PNAC-007 SAIC02 BORE 0.5 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	N/A	N/A	N/A	N/A	N/A	N/A	**15800 ***	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
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	N/A	N/A	N/A	**4.2**	N/A	N/A	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	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date	JP-PNAC-005 SAIC03 BORE 1.0 10/28/2008	JP-PNAC-005 SAIC04 BORE 2.0 10/28/2008	JP-PNAC-006 SAIC05 BORE 0.0 10/27/2008	JP-PNAC-006 SAIC01 BORE 0.2 10/27/2008	JP-PNAC-006 SAIC02 BORE 0.5 10/27/2008	JP-PNAC-006 SAIC03 BORE 1.0 10/27/2008	JP-PNAC-006 SAIC04 BORE 2.0 10/27/2008	JP-PNAC-007 SAIC05 BORE 0.0 10/28/2008	JP-PNAC-007 SAIC01 BORE 0.4 10/28/2008	JP-PNAC-007 SAIC02 BORE 0.5 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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date									
	JP-PNAC-007 SAIC03 BORE 1.0 10/28/2008	JP-PNAC-007 SAIC04 BORE 2.0 10/28/2008	JP-PNAC-008 SAIC05 BORE 0.0 10/28/2008	JP-PNAC-008 SAIC01 BORE 0.2 10/28/2008	JP-PNAC-008 SAIC02 BORE 0.5 10/28/2008	JP-PNAC-008 SAIC03 BORE 1.0 10/28/2008	JP-PNAC-008 SAIC04 BORE 2.0 10/28/2008	JP-PNAC-009 SAIC05 BORE 0.0 10/27/2008	JP-PNAC-009 SAIC01 BORE 0.5 10/27/2008	JP-PNAC-009 SAIC02 BORE 1.0 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	**11500 ***	N/A	N/A	N/A	N/A	**9530 ***	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
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	**5.4**	N/A	N/A	N/A	N/A	**4.9**	N/A	N/A	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	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

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

Parameter / Location ID	JP-PNAC-009	JP-PNAC-009	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
Sample Type	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
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
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
Fe/Mn											
Iron	N/A	**16500 ***	N/A	N/A	N/A	N/A	**17700 ***	N/A	**16200**	N/A	N/A
Manganese	N/A	**280**	N/A	N/A	N/A	N/A	**437**	N/A	**1240**	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
Manganese	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**1040 NE***	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	**20.6**	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
Coarse Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**0.6**	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
Gravel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**0.0**	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
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
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
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
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
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
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
Medium Sand	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**4.1**	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
Silt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**54.3**	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	N/A	N/A	N/A	N/A	N/A	N/A	**5.2**	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date											
	Location ID	JP-PNAC-009	JP-PNAC-009	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
	Sample Type	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
	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	
TOC												
Total Carbon	N/A	**6420**	N/A	N/A	N/A	N/A	**2110**	N/A	**16700**	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	
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	
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	

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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date	JP-PNCR-001 SAIC04 BORE 2.0 10/26/2008	JP-PNCR-002 SAIC01 BORE 0.0 10/27/2008	JP-PNCR-002 SAIC02 BORE 0.5 10/27/2008	JP-PNCR-002 SAIC03 BORE 1.0 10/27/2008	JP-PNCR-002 SAIC04 BORE 2.0 10/27/2008	JP-PNCR-003 SAIC01 BORE 0.0 10/27/2008	JP-PNCR-003 SAIC02 BORE 0.5 10/27/2008	JP-PNCR-003 SAIC03 BORE 1.0 10/27/2008	JP-PNCR-004 SAIC01 BORE 0.0 10/27/2008	JP-PNCR-004 SAIC02 BORE 0.5 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
		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	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date										
	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	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date									
	JP-PNCR-004 SAIC03 BORE 1.0 10/27/2008	JP-PNCR-005 SAIC01 BORE 0.0 10/28/2008	JP-PNCR-005 SAIC02 BORE 0.5 10/28/2008	JP-PNCR-005 SAIC03 BORE 1.0 10/28/2008	JP-PNCR-006 SAIC01 BORE 0.0 10/27/2008	JP-PNCR-006 SAIC01D BORE 0.0 10/27/2008	JP-PNCR-006 SAIC02 BORE 0.1 10/27/2008	JP-PNCR-006 SAIC02D BORE 0.1 10/27/2008	JP-PNCR-006 SAIC03 BORE 0.6 10/27/2008	JP-PNCR-006 SAIC03D BORE 0.6 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 N/A	**5.5** N/A	N/A N/A	N/A N/A	N/A 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	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date										
	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
	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	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date									
	JP-PNCR-006 / SAIC04 / BORE / 1.1 / 10/27/2008	JP-PNCR-006 / SAIC04D / BORE / 1.1 / 10/27/2008	JP-PNCR-006 / SAIC05 / BORE / 2.1 / 10/27/2008	JP-PNCR-006 / SAIC05D / BORE / 2.1 / 10/27/2008	JP-PNCR-007 / SAIC01 / BORE / 0.0 / 10/28/2008	JP-PNCR-007 / SAIC02 / BORE / 0.2 / 10/28/2008	JP-PNCR-007 / SAIC03 / BORE / 0.8 / 10/28/2008	JP-PNCR-008 / SAIC01 / BORE / 0.0 / 10/28/2008	JP-PNCR-008 / SAIC02 / BORE / 0.2 / 10/28/2008	JP-PNCR-008 / SAIC03 / BORE / 0.8 / 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
	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	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date	JP-PNCR-006 SAIC04 BORE 1.1 10/27/2008	JP-PNCR-006 SAIC04D BORE 1.1 10/27/2008	JP-PNCR-006 SAIC05 BORE 2.1 10/27/2008	JP-PNCR-006 SAIC05D BORE 2.1 10/27/2008	JP-PNCR-007 SAIC01 BORE 0.0 10/28/2008	JP-PNCR-007 SAIC02 BORE 0.2 10/28/2008	JP-PNCR-007 SAIC03 BORE 0.8 10/28/2008	JP-PNCR-008 SAIC01 BORE 0.0 10/28/2008	JP-PNCR-008 SAIC02 BORE 0.2 10/28/2008	JP-PNCR-008 SAIC03 BORE 0.8 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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date										
	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-PNGR-001	JP-PNGR-001
	Sample ID	SAIC04	SAIC01	SAIC02	SAIC03	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01
	Sample Type	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
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
Cation Exchange Capacity											
Cation Exchange Capacity		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	**18800**
Manganese		**1390**	**823**	N/A	N/A	**647**	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	**8800 NE***	N/A
Manganese		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
Moisture Content											
Moisture		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	**34.7**	N/A
Coarse Sand		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	**12.5**	N/A
Gravel		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	**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	**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	**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	**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	**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	**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	**21.7**	N/A
Medium Sand		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	**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	**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	**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	**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	**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	**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	**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	**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	**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	**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	**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	**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	**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	**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	**100.0**	N/A
Silt		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	**7.5**
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**6.8**	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date										
	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-PNGR-001	JP-PNGR-001
	Sample ID	SAIC04	SAIC01	SAIC02	SAIC03	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01
	Sample Type	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
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	**23800**	N/A
TOC											
Total Carbon		**1920**	**23200**	N/A	N/A	**13200**	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	**24000**
Total Carbon											
Total Carbon		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	**2470**	N/A

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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date									
	JP-PNGR-001 SAIC02 BORE 0.5 10/26/2008	JP-PNGR-001 SAIC03 BORE 1.0 10/26/2008	JP-PNGR-001 SAIC04 BORE 2.0 10/26/2008	JP-PNGR-002 SAIC01 BORE 0.0 10/26/2008	JP-PNGR-002 SAIC02 BORE 0.5 10/26/2008	JP-PNGR-002 SAIC03 BORE 1.0 10/26/2008	JP-PNGR-003 SAIC01 BORE 0.0 10/26/2008	JP-PNGR-003 SAIC01D BORE 0.0 10/26/2008	JP-PNGR-003 SAIC02 BORE 0.5 10/26/2008	JP-PNGR-003 SAIC02D BORE 0.5 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
	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	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date										
	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
	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	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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date							
	JP-PNGR-003 / SAIC03 / BORE / 1.0 / 10/26/2008	JP-PNGR-003 / SAIC03D / BORE / 1.0 / 10/26/2008	JP-PNGR-003 / SAIC04 / BORE / 2.0 / 10/26/2008	JP-PNGR-003 / SAIC04D / BORE / 2.0 / 10/26/2008	JP-PNGR-004 / SAIC04 / BORE / 0.0 / 10/26/2008	JP-PNGR-004 / SAIC01 / BORE / 0.5 / 10/26/2008	JP-PNGR-004 / SAIC02 / BORE / 1.0 / 10/26/2008	JP-PNGR-004 / SAIC03 / BORE / 1.5 / 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**
	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

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

Parameter	Location ID / Sample ID / Sample Type / Depth (ft.) / Sample Date								
	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
	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
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 EL	Qualifier	Description
	*	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.