

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

Location ID	Sample ID	Sample Type	Depth (ft.)	Parameter	Sample Date	Units	Reporting Limit	JP-SC6-001 SAIC01 BORE 0.0 10/25/2008	JP-SC6-001 SAIC02 BORE 0.5 10/25/2008	JP-SC6-001 SAIC03 BORE 1.0 10/25/2008	JP-SC6-001 SAIC04 BORE 2.0 10/25/2008	JP-SC6-001 SAIC05 BORE 4.0 10/25/2008	JP-SC6-002 SAIC01 BORE 0.0 10/07/2008	JP-SC6-002 SAIC01D BORE 0.0 10/07/2008	JP-SC6-002 SAIC02 BORE 0.5 10/07/2008	JP-SC6-002 SAIC02D BORE 0.5 10/07/2008	JP-SC6-002 SAIC03 BORE 1.0 10/07/2008
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
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 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		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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
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, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-SC6-002	JP-SC6-002	JP-SC6-002	JP-SC6-002	JP-SC6-002	JP-SC6-003	JP-SC6-003	JP-SC6-003	JP-SC6-003	JP-SC6-003	JP-SC6-003	JP-SC6-004	JP-SC6-004
Sample ID	SAIC03D	SAIC04	SAIC04D	SAIC05	SAIC05D	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC02
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	2.0	2.0	4.0	4.0	0.0	0.5	1.0	2.0	4.0	0.0	0.5	0.5
Parameter	Sample Date	10/07/2008	10/07/2008	10/07/2008	10/07/2008	10/07/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008
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
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 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	N/A	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 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
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, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-SC6-004	JP-SC6-004	JP-SC6-004	JP-SC6-005	JP-SC6-005	JP-SC6-005	JP-SC6-005	JP-SC6-005	JP-SC6-006	JP-SC6-006	JP-SC6-006	JP-SC6-006
Sample ID	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC04
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	2.0	4.0	0.0	0.5	1.0	2.0	4.0	0.0	0.5	1.0	2.0
Parameter	Sample Date	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/24/2008	10/24/2008	10/24/2008	10/24/2008
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
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 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	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 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, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-SC6-006	JP-SC6-007	JP-SC6-007	JP-SC6-007	JP-SC6-007	JP-SC6-007	JP-SC6-007	JP-SC6-008	JP-SC6-008	JP-SC6-008	JP-SC6-008	JP-SC6-008	JP-SC6-008
Sample ID	SAIC05	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01	SAIC01D	SAIC02	SAIC02D	SAIC03	SAIC03D	
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	
Depth (ft.)	4.0	0.0	0.5	1.0	2.0	4.0	0.0	0.0	0.5	0.5	1.0	1.0	
Parameter	Sample Date	10/24/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008
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
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 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	N/A	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 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
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, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-SC6-008	JP-SC6-008	JP-SC6-008	JP-SC6-008	JP-SC6-009	JP-SC6-009	JP-SC6-009	JP-SC6-009	JP-SC6-009	JP-SC6-010	JP-SC6-010	JP-SC6-010
Sample ID	SAIC04	SAIC04D	SAIC05	SAIC05D	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	2.0	2.0	4.0	4.0	0.0	0.5	1.0	2.0	4.0	0.0	0.5	1.0
Parameter	Sample Date	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/24/2008	10/24/2008	10/24/2008	10/24/2008	10/24/2008	10/24/2008	10/24/2008
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
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 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	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 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, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-SC6-010	JP-SC6-010	JP-SC6-011	JP-SC6-011	JP-SC6-011	JP-SC6-011	JP-SC6-011	JP-SC6-011	JP-SC6-012	JP-SC6-012	JP-SC6-012	JP-SC6-012	JP-SCR-001	JP-SCR-001
Sample ID	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC05	SAIC05_D60
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	2.0	4.0	0.0	0.5	1.0	2.0	4.0	0.0	0.5	1.0	2.0	0.0	0.0	0.0
Parameter	Sample Date	10/24/2008	10/24/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/25/2008	10/24/2008	10/24/2008	10/24/2008	10/24/2008	03/29/2012	03/29/2012
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	8.0 J	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	38000 NE*	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	662 NE	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	19.6	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	23.4	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	0.9	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	26.4	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	0.2	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	52.1	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	43.8	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	N/A	N/A	N/A	33.1	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	27.1	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	23.4	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	17.3	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	11.3	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	4.8	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	32.1	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	98.9	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	77.8	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	97.6	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	67.7	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	99.8	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	94.1	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	87.2	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	81.7	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	100	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	100	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	100	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	100	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	100	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	100	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	44.3	N/A
pH														
pH	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6.3	N/A
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	7510	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	7640	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	125	N/A

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

Location ID Sample ID Sample Type Depth (ft.) Parameter Sample Date	JP-SCR-001 SAIC05D_D60 BORE 0.0 03/29/2012	JP-SCR-001 SAIC01 BORE 0.0 10/21/2008	JP-SCR-001 SAIC02 BORE 0.5 10/21/2008	JP-SCR-001 SAIC03 BORE 1.0 10/21/2008	JP-SCR-001 SAIC04 BORE 2.0 10/21/2008	JP-SCR-002 SAIC05 BORE 0.0 03/29/2012	JP-SCR-002 SAIC05_D60 BORE 0.0 03/29/2012	JP-SCR-002 SAIC01 BORE 0.0 10/23/2008	JP-SCR-002 SAIC02 BORE 0.5 10/23/2008	JP-SCR-002 SAIC03 BORE 1.0 10/23/2008	JP-SCR-002 SAIC04 BORE 2.0 10/23/2008	JP-SCR-003 SAIC05 BORE 0.0 03/29/2012
Cation Exchange Capacity												
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	13.3 J	N/A	N/A	N/A	N/A	N/A	8.5 J
Metals												
Iron	N/A	N/A	N/A	N/A	N/A	55900 NE*	N/A	N/A	N/A	N/A	N/A	6270 NE*
Manganese	N/A	N/A	N/A	N/A	N/A	1940 NE	N/A	N/A	N/A	N/A	N/A	181 NE
Moisture Content												
Moisture	N/A	N/A	N/A	N/A	N/A	17.5	N/A	N/A	N/A	N/A	N/A	19.1
Particle Size Distribution												
Clay	N/A	N/A	N/A	N/A	N/A	16.5	N/A	N/A	N/A	N/A	N/A	24.2
Coarse Sand	N/A	N/A	N/A	N/A	N/A	8	N/A	N/A	N/A	N/A	N/A	2.2
Fine Sand	N/A	N/A	N/A	N/A	N/A	20.7	N/A	N/A	N/A	N/A	N/A	24.1
Gravel	N/A	N/A	N/A	N/A	N/A	7.7	N/A	N/A	N/A	N/A	N/A	1.2
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	40.7	N/A	N/A	N/A	N/A	N/A	51.7
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	34.7	N/A	N/A	N/A	N/A	N/A	43.9
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	26.2	N/A	N/A	N/A	N/A	N/A	33.4
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	21.4	N/A	N/A	N/A	N/A	N/A	29.5
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	16.5	N/A	N/A	N/A	N/A	N/A	24.2
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	11.5	N/A	N/A	N/A	N/A	N/A	18.9
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	7.8	N/A	N/A	N/A	N/A	N/A	14.9
Medium Sand	N/A	N/A	N/A	N/A	N/A	12.9	N/A	N/A	N/A	N/A	N/A	7.6
Sand	N/A	N/A	N/A	N/A	N/A	41.6	N/A	N/A	N/A	N/A	N/A	33.9
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	84.3	N/A	N/A	N/A	N/A	N/A	96.6
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	55.6	N/A	N/A	N/A	N/A	N/A	72.4
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	78.3	N/A	N/A	N/A	N/A	N/A	94.1
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	50.7	N/A	N/A	N/A	N/A	N/A	64.9
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	92.3	N/A	N/A	N/A	N/A	N/A	98.8
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	71.4	N/A	N/A	N/A	N/A	N/A	89
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	62.3	N/A	N/A	N/A	N/A	N/A	80.7
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	57.8	N/A	N/A	N/A	N/A	N/A	75.4
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	97.5	N/A	N/A	N/A	N/A	N/A	100
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	100
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	100
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	100
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	100
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	100
Silt	N/A	N/A	N/A	N/A	N/A	34.2	N/A	N/A	N/A	N/A	N/A	40.7
pH												
pH	N/A	N/A	N/A	N/A	N/A	5.6	N/A	N/A	N/A	N/A	N/A	6.0
TOC												
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	9530	N/A	N/A	N/A	N/A	N/A	2670
Total Carbon												
Total Carbon	N/A	N/A	N/A	N/A	N/A	9140	N/A	N/A	N/A	N/A	N/A	2720
Total Inorganic Carbon												
Total Inorganic Carbon	N/A	N/A	N/A	N/A	N/A	100 U	N/A	N/A	N/A	N/A	N/A	47.0 B

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

Location ID	JP-SCR-003	JP-SCR-003	JP-SCR-003	JP-SCR-003	JP-SCR-003	JP-SCR-004	JP-SCR-004	JP-SCR-004	JP-SCR-004	JP-SCR-004	JP-SCR-005	JP-SCR-005	
Sample ID	SAIC05_D60	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC05_D60	
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	
Depth (ft.)	0.0	0.0	0.5	1.0	2.0	0.0	0.0	0.5	1.0	2.0	0.0	0.0	
Parameter	Sample Date	03/29/2012	10/23/2008	10/23/2008	10/23/2008	10/23/2008	03/28/2012	10/21/2008	10/21/2008	10/21/2008	10/21/2008	03/29/2012	03/29/2012
Cation Exchange Capacity													
Cation Exchange Capacity	N/A	N/A	N/A	N/A	N/A	9.7 J	N/A	N/A	N/A	N/A	11.8 J	N/A	
Metals													
Iron	N/A	N/A	N/A	N/A	N/A	34100 N*	N/A	N/A	N/A	N/A	19300 NE*	N/A	
Manganese	N/A	N/A	N/A	N/A	N/A	411 N	N/A	N/A	N/A	N/A	1610 NE	N/A	
Moisture Content													
Moisture	N/A	N/A	N/A	N/A	N/A	17.9	N/A	N/A	N/A	N/A	22.5	N/A	
Particle Size Distribution													
Clay	N/A	N/A	N/A	N/A	N/A	35.8	N/A	N/A	N/A	N/A	34.9	N/A	
Coarse Sand	N/A	N/A	N/A	N/A	N/A	1.1	N/A	N/A	N/A	N/A	0.2	N/A	
Fine Sand	N/A	N/A	N/A	N/A	N/A	16.5	N/A	N/A	N/A	N/A	4.4	N/A	
Gravel	N/A	N/A	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	0.3	N/A	
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	N/A	61.1	N/A	N/A	N/A	N/A	79.2	N/A	
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	N/A	55.5	N/A	N/A	N/A	N/A	67.4	N/A	
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	N/A	45.6	N/A	N/A	N/A	N/A	52.7	N/A	
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	41.4	N/A	N/A	N/A	N/A	43.9	N/A	
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	N/A	35.8	N/A	N/A	N/A	N/A	34.9	N/A	
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	N/A	30.2	N/A	N/A	N/A	N/A	25.9	N/A	
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	N/A	25.9	N/A	N/A	N/A	N/A	18.4	N/A	
Medium Sand	N/A	N/A	N/A	N/A	N/A	4.8	N/A	N/A	N/A	N/A	2.2	N/A	
Sand	N/A	N/A	N/A	N/A	N/A	22.4	N/A	N/A	N/A	N/A	6.8	N/A	
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	N/A	94.9	N/A	N/A	N/A	N/A	99.5	N/A	
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	N/A	79.9	N/A	N/A	N/A	N/A	94.3	N/A	
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	N/A	93	N/A	N/A	N/A	N/A	98.7	N/A	
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	N/A	73.6	N/A	N/A	N/A	N/A	92.9	N/A	
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	N/A	96	N/A	N/A	N/A	N/A	99.7	N/A	
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	N/A	90.1	N/A	N/A	N/A	N/A	97.3	N/A	
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	N/A	85.5	N/A	N/A	N/A	N/A	95.8	N/A	
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	N/A	82	N/A	N/A	N/A	N/A	94.9	N/A	
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	96.6	N/A	N/A	N/A	N/A	100	N/A	
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	100	N/A	
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	100	N/A	
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	100	N/A	
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	100	N/A	
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	100	N/A	
Silt	N/A	N/A	N/A	N/A	N/A	37.8	N/A	N/A	N/A	N/A	58	N/A	
pH													
pH	N/A	N/A	N/A	N/A	N/A	6.5	N/A	N/A	N/A	N/A	5.4	N/A	
TOC													
Total Organic Carbon	N/A	N/A	N/A	N/A	N/A	1180	N/A	N/A	N/A	N/A	4780	N/A	
Total Carbon													
Total Carbon	N/A	N/A	N/A	N/A	N/A	1910	N/A	N/A	N/A	N/A	5490	N/A	
Total Inorganic Carbon													
Total Inorganic Carbon	N/A	N/A	N/A	N/A	N/A	721	N/A	N/A	N/A	N/A	715	N/A	

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

	Location ID	JP-SCR-005	JP-SCR-005	JP-SCR-005	JP-SCR-005	JP-SCR-006	JP-SCR-006	JP-SCR-006	JP-SCR-006	JP-SCR-006	JP-SCR-006	JP-SCR-007	JP-SCR-007	
	Sample ID	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC05_D60	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC05_D60	
	Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	
	Depth (ft.)	0.0	0.5	1.0	2.0	0.0	0.0	0.0	0.5	1.0	2.0	0.0	0.0	
	Parameter	Sample Date	10/23/2008	10/23/2008	10/23/2008	10/23/2008	03/28/2012	03/28/2012	10/23/2008	10/23/2008	10/23/2008	10/23/2008	03/28/2012	03/28/2012
Cation Exchange Capacity														
Cation Exchange Capacity		N/A	N/A	N/A	N/A	8.6 J	N/A	N/A	N/A	N/A	N/A	9 J	N/A	
Metals														
Iron		N/A	N/A	N/A	N/A	21700 N*	N/A	N/A	N/A	N/A	N/A	22000 N*	N/A	
Manganese		N/A	N/A	N/A	N/A	151 N	N/A	N/A	N/A	N/A	N/A	1130 N	N/A	
Moisture Content														
Moisture		N/A	N/A	N/A	N/A	19.1	N/A	N/A	N/A	N/A	N/A	26.4	N/A	
Particle Size Distribution														
Clay		N/A	N/A	N/A	N/A	35	N/A	N/A	N/A	N/A	N/A	35.8	N/A	
Coarse Sand		N/A	N/A	N/A	N/A	1.4	N/A	N/A	N/A	N/A	N/A	0.3	N/A	
Fine Sand		N/A	N/A	N/A	N/A	12.9	N/A	N/A	N/A	N/A	N/A	5.3	N/A	
Gravel		N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	N/A	N/A	0	N/A	
Hydrometer Reading 1 - Percent Finer		N/A	N/A	N/A	N/A	73.4	N/A	N/A	N/A	N/A	N/A	75.6	N/A	
Hydrometer Reading 2 - Percent Finer		N/A	N/A	N/A	N/A	63.5	N/A	N/A	N/A	N/A	N/A	65.4	N/A	
Hydrometer Reading 3 - Percent Finer		N/A	N/A	N/A	N/A	49.2	N/A	N/A	N/A	N/A	N/A	51.7	N/A	
Hydrometer Reading 4 - Percent Finer		N/A	N/A	N/A	N/A	42.1	N/A	N/A	N/A	N/A	N/A	42.6	N/A	
Hydrometer Reading 5 - Percent Finer		N/A	N/A	N/A	N/A	35	N/A	N/A	N/A	N/A	N/A	35.8	N/A	
Hydrometer Reading 6 - Percent Finer		N/A	N/A	N/A	N/A	27.9	N/A	N/A	N/A	N/A	N/A	26.7	N/A	
Hydrometer Reading 7 - Percent Finer		N/A	N/A	N/A	N/A	22.1	N/A	N/A	N/A	N/A	N/A	19.9	N/A	
Medium Sand		N/A	N/A	N/A	N/A	3.3	N/A	N/A	N/A	N/A	N/A	3.2	N/A	
Sand		N/A	N/A	N/A	N/A	17.6	N/A	N/A	N/A	N/A	N/A	8.8	N/A	
Sieve Size #10 - Percent Finer		N/A	N/A	N/A	N/A	98.6	N/A	N/A	N/A	N/A	N/A	99.7	N/A	
Sieve Size #100 - Percent Finer		N/A	N/A	N/A	N/A	86.7	N/A	N/A	N/A	N/A	N/A	92.9	N/A	
Sieve Size #20 - Percent Finer		N/A	N/A	N/A	N/A	97.4	N/A	N/A	N/A	N/A	N/A	98.5	N/A	
Sieve Size #200 - Percent Finer		N/A	N/A	N/A	N/A	82.4	N/A	N/A	N/A	N/A	N/A	91.2	N/A	
Sieve Size #4 - Percent Finer		N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	100	N/A	
Sieve Size #40 - Percent Finer		N/A	N/A	N/A	N/A	95.3	N/A	N/A	N/A	N/A	N/A	96.5	N/A	
Sieve Size #60 - Percent Finer		N/A	N/A	N/A	N/A	91.4	N/A	N/A	N/A	N/A	N/A	94.6	N/A	
Sieve Size #80 - Percent Finer		N/A	N/A	N/A	N/A	88.6	N/A	N/A	N/A	N/A	N/A	93.5	N/A	
Sieve Size 0.375 inch - Percent Finer		N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	100	N/A	
Sieve Size 0.75 inch - Percent Finer		N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	100	N/A	
Sieve Size 1 inch - Percent Finer		N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	100	N/A	
Sieve Size 1.5 inch - Percent Finer		N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	100	N/A	
Sieve Size 2 inch - Percent Finer		N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	100	N/A	
Sieve Size 3 inch - Percent Finer		N/A	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	100	N/A	
Silt		N/A	N/A	N/A	N/A	47.4	N/A	N/A	N/A	N/A	N/A	55.4	N/A	
pH														
pH		N/A	N/A	N/A	N/A	4.9	N/A	N/A	N/A	N/A	N/A	4.7	N/A	
TOC														
Total Organic Carbon		N/A	N/A	N/A	N/A	2080	N/A	N/A	N/A	N/A	N/A	2700	N/A	
Total Carbon														
Total Carbon		N/A	N/A	N/A	N/A	2040	N/A	N/A	N/A	N/A	N/A	2530	N/A	
Total Inorganic Carbon														
Total Inorganic Carbon		N/A	N/A	N/A	N/A	100 U	N/A	N/A	N/A	N/A	N/A	100 U	N/A	

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

Location ID	JP-SCR-007	JP-SCR-007	JP-SCR-007	JP-SCR-007	JP-SCR-008	JP-SCR-008	JP-SCR-008	JP-SCR-008	JP-SCR-008	JP-SCR-008	JP-SCR-008	JP-SCR-008
Sample ID	SAIC01	SAIC02	SAIC03	SAIC04	SAIC05	SAIC05_D60	SAIC05D	SAIC01	SAIC01D	SAIC02	SAIC02D	SAIC03
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	0.0	0.5	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.0
Parameter	Sample Date	10/22/2008	10/22/2008	10/22/2008	10/22/2008	03/28/2012	03/28/2012	03/28/2012	10/21/2008	10/21/2008	10/21/2008	10/21/2008
Cation Exchange Capacity												
Cation Exchange Capacity	N/A	N/A	N/A	N/A	9 J	N/A	9.2 J	N/A	N/A	N/A	N/A	N/A
Metals												
Iron	N/A	N/A	N/A	N/A	28300 N*	N/A	33200 N*	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	N/A	158 N	N/A	136 N	N/A	N/A	N/A	N/A	N/A
Moisture Content												
Moisture	N/A	N/A	N/A	N/A	18.8	N/A	19	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution												
Clay	N/A	N/A	N/A	N/A	42.4	N/A	38.9	N/A	N/A	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A	N/A	1.8	N/A	2.2	N/A	N/A	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A	N/A	11.8	N/A	14.8	N/A	N/A	N/A	N/A	N/A
Gravel	N/A	N/A	N/A	N/A	0	N/A	0.6	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A	N/A	73	N/A	66.3	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	N/A	66.1	N/A	57.2	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	N/A	53.6	N/A	49.6	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	N/A	46.6	N/A	43.5	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	N/A	42.4	N/A	38.9	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	N/A	35.5	N/A	31.3	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	N/A	28.5	N/A	26.7	N/A	N/A	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A	N/A	3.8	N/A	4.9	N/A	N/A	N/A	N/A	N/A
Sand	N/A	N/A	N/A	N/A	17.4	N/A	21.9	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	N/A	98.2	N/A	97.2	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	N/A	86.8	N/A	82.8	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	N/A	96.5	N/A	94.8	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	N/A	82.6	N/A	77.5	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	N/A	100	N/A	99.4	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A	N/A	94.4	N/A	92.3	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	N/A	90.7	N/A	87.8	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	N/A	88.3	N/A	84.7	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	100	N/A	100	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	100	N/A	100	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A	N/A	100	N/A	100	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	100	N/A	100	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A	N/A	100	N/A	100	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A	N/A	100	N/A	100	N/A	N/A	N/A	N/A	N/A
Silt	N/A	N/A	N/A	N/A	40.2	N/A	38.6	N/A	N/A	N/A	N/A	N/A
pH												
pH	N/A	N/A	N/A	N/A	4.7	N/A	4.4	N/A	N/A	N/A	N/A	N/A
TOC												
Total Organic Carbon	N/A	N/A	N/A	N/A	2810	N/A	3240	N/A	N/A	N/A	N/A	N/A
Total Carbon												
Total Carbon	N/A	N/A	N/A	N/A	2370	N/A	3300	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon												
Total Inorganic Carbon	N/A	N/A	N/A	N/A	100 U	N/A	58 B	N/A	N/A	N/A	N/A	N/A

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

Location ID Sample ID Sample Type Depth (ft.) Parameter Sample Date	JP-SCR-008 SAIC03D BORE 1.0 10/21/2008	JP-SCR-008 SAIC04 BORE 2.0 10/21/2008	JP-SCR-008 SAIC04D BORE 2.0 10/21/2008	JP-SCR-009 SAIC05 BORE 0.0 03/28/2012	JP-SCR-009 SAIC05_D60 BORE 0.0 03/28/2012	JP-SCR-009 SAIC01 BORE 0.0 10/22/2008	JP-SCR-009 SAIC02 BORE 0.5 10/22/2008	JP-SCR-009 SAIC03 BORE 1.0 10/22/2008	JP-SCR-009 SAIC04 BORE 2.0 10/22/2008	JP-SCR-009 SAIC05 BORE 0.0 10/22/2008	JP-SCR-009 SAIC06 BORE 0.0 10/22/2008	JP-SCR-009 SAIC07 BORE 0.0 10/22/2008	JP-SCR-009 SAIC08 BORE 0.0 10/22/2008
Cation Exchange Capacity													
Cation Exchange Capacity	N/A	N/A	N/A	7.6 J	N/A	N/A	N/A	N/A	N/A	7.5 J	N/A	N/A	N/A
Metals													
Iron	N/A	N/A	N/A	19200 N*	N/A	N/A	N/A	N/A	N/A	10900 NE*	N/A	N/A	N/A
Manganese	N/A	N/A	N/A	821 N	N/A	N/A	N/A	N/A	N/A	64 NE*	N/A	N/A	N/A
Moisture Content													
Moisture	N/A	N/A	N/A	22.8	N/A	N/A	N/A	N/A	N/A	21.7	N/A	N/A	N/A
Particle Size Distribution													
Clay	N/A	N/A	N/A	34	N/A	N/A	N/A	N/A	N/A	30.2	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A	0	N/A	N/A	N/A	N/A	N/A	0.9	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A	9	N/A	N/A	N/A	N/A	N/A	13.8	N/A	N/A	N/A
Gravel	N/A	N/A	N/A	0	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	72.4	N/A	N/A	N/A	N/A	N/A	73.0	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A	61.3	N/A	N/A	N/A	N/A	N/A	58.7	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A	47.6	N/A	N/A	N/A	N/A	N/A	45.9	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A	39	N/A	N/A	N/A	N/A	N/A	35.9	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A	34	N/A	N/A	N/A	N/A	N/A	30.2	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A	26.6	N/A	N/A	N/A	N/A	N/A	18.5	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A	21.7	N/A	N/A	N/A	N/A	N/A	14.3	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A	3.9	N/A	N/A	N/A	N/A	N/A	3.3	N/A	N/A	N/A
Sand	N/A	N/A	N/A	12.9	N/A	N/A	N/A	N/A	N/A	18.0	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A	99.1	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A	90	N/A	N/A	N/A	N/A	N/A	86.7	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A	98.4	N/A	N/A	N/A	N/A	N/A	98.2	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A	87.1	N/A	N/A	N/A	N/A	N/A	82.0	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A	100	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	96.1	N/A	N/A	N/A	N/A	N/A	95.8	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A	93.1	N/A	N/A	N/A	N/A	N/A	91.4	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A	91.2	N/A	N/A	N/A	N/A	N/A	88.4	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A	100	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	100	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	100	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	100	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	100	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	100	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	53.1	N/A	N/A	N/A	N/A	N/A	51.8	N/A	N/A	N/A
pH													
pH	N/A	N/A	N/A	4.7	N/A	N/A	N/A	N/A	N/A	4.8	N/A	N/A	N/A
TOC													
Total Organic Carbon	N/A	N/A	N/A	3620	N/A	N/A	N/A	N/A	N/A	1870	N/A	N/A	N/A
Total Carbon													
Total Carbon	N/A	N/A	N/A	3520	N/A	N/A	N/A	N/A	N/A	1870	N/A	N/A	N/A
Total Inorganic Carbon													
Total Inorganic Carbon	N/A	N/A	N/A	100 U	N/A	N/A	N/A	N/A	N/A	100 U	N/A	N/A	N/A

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

Location ID	JP-SGR-001	JP-SGR-001	JP-SGR-002	JP-SGR-002	JP-SGR-002	JP-SGR-002	JP-SGR-003	JP-SGR-003	JP-SGR-003	JP-SGR-003	JP-SGR-003	JP-SGR-004
Sample ID	SAIC03	SAIC04	SAIC05	SAIC01	SAIC02	SAIC03	SAIC05	SAIC05_D60	SAIC01	SAIC02	SAIC03	SAIC01
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	2.0	0.0	0.0	0.5	1.0	0.0	0.0	0.0	0.5	1.0	0.0
Parameter	Sample Date	10/23/2008	10/23/2008	03/30/2012	10/23/2008	10/23/2008	10/23/2008	03/29/2012	03/29/2012	10/22/2008	10/22/2008	10/22/2008
Cation Exchange Capacity												
Cation Exchange Capacity	N/A	N/A	13.1 J	N/A	N/A	N/A	14.0 J	N/A	N/A	N/A	N/A	N/A
Metals												
Iron	N/A	N/A	9220 NE*	N/A	N/A	N/A	20300 NE*	N/A	N/A	N/A	N/A	N/A
Manganese	N/A	N/A	74.7 NE*	N/A	N/A	N/A	1170 NE	N/A	N/A	N/A	N/A	N/A
Moisture Content												
Moisture	N/A	N/A	17.5	N/A	N/A	N/A	21.9	N/A	N/A	N/A	N/A	N/A
Particle Size Distribution												
Clay	N/A	N/A	31.1	N/A	N/A	N/A	27.1	N/A	N/A	N/A	N/A	N/A
Coarse Sand	N/A	N/A	1.1	N/A	N/A	N/A	1.3	N/A	N/A	N/A	N/A	N/A
Fine Sand	N/A	N/A	15.6	N/A	N/A	N/A	8	N/A	N/A	N/A	N/A	N/A
Gravel	N/A	N/A	0.0	N/A	N/A	N/A	3	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	67.8	N/A	N/A	N/A	67.4	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	57.5	N/A	N/A	N/A	57.4	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	45.8	N/A	N/A	N/A	42.3	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	36.9	N/A	N/A	N/A	33.5	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	31.1	N/A	N/A	N/A	27.1	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	25.0	N/A	N/A	N/A	17	N/A	N/A	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	19.1	N/A	N/A	N/A	10.6	N/A	N/A	N/A	N/A	N/A
Medium Sand	N/A	N/A	4.5	N/A	N/A	N/A	4	N/A	N/A	N/A	N/A	N/A
Sand	N/A	N/A	21.2	N/A	N/A	N/A	13.3	N/A	N/A	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	98.9	N/A	N/A	N/A	95.7	N/A	N/A	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	84.2	N/A	N/A	N/A	86.3	N/A	N/A	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	97.4	N/A	N/A	N/A	94.1	N/A	N/A	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	78.8	N/A	N/A	N/A	83.7	N/A	N/A	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	100.0	N/A	N/A	N/A	97	N/A	N/A	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	94.4	N/A	N/A	N/A	91.7	N/A	N/A	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	89.4	N/A	N/A	N/A	88.9	N/A	N/A	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	86.1	N/A	N/A	N/A	87.3	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	100.0	N/A	N/A	N/A	98.1	N/A	N/A	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	100.0	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	100.0	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	100.0	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	100.0	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	100.0	N/A	N/A	N/A	100	N/A	N/A	N/A	N/A	N/A
Silt	N/A	N/A	47.7	N/A	N/A	N/A	56.6	N/A	N/A	N/A	N/A	N/A
pH												
pH	N/A	N/A	5.3	N/A	N/A	N/A	5.4	N/A	N/A	N/A	N/A	N/A
TOC												
Total Organic Carbon	N/A	N/A	2000	N/A	N/A	N/A	11000	N/A	N/A	N/A	N/A	N/A
Total Carbon												
Total Carbon	N/A	N/A	1930	N/A	N/A	N/A	11300	N/A	N/A	N/A	N/A	N/A
Total Inorganic Carbon												
Total Inorganic Carbon	N/A	N/A	100 U	N/A	N/A	N/A	377	N/A	N/A	N/A	N/A	N/A

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

Location ID	JP-SGR-004	JP-SGR-004	JP-SGR-004	JP-SGR-005	JP-SGR-005	JP-SGR-005	JP-SGR-005	JP-SGR-006	JP-SGR-006	JP-SGR-006	JP-SGR-006	JP-SGR-006
Sample ID	SAIC02	SAIC03	SAIC04	SAIC01	SAIC02	SAIC03	SAIC04	SAIC01	SAIC01D	SAIC02	SAIC02D	SAIC03
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	0.5	1.0	2.0	0.0	0.5	1.0	2.0	0.0	0.0	0.5	0.5	1.0
Parameter	Sample Date	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008
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
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 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	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 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, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-SGR-006	JP-SGR-006	JP-SGR-006	JP-SGR-007	JP-SGR-007	JP-SGR-007	JP-SGR-007	JP-SGR-008	JP-SGR-008	JP-SGR-008	JP-SGR-008	JP-SGR-009
Sample ID	SAIC03D	SAIC04	SAIC04D	SAIC01	SAIC02	SAIC03	SAIC04	SAIC01	SAIC02	SAIC03	SAIC04	SAIC01
Sample Type	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE	BORE
Depth (ft.)	1.0	2.0	2.0	0.0	0.5	1.0	2.0	0.0	0.5	1.0	2.0	0.0
Parameter	Sample Date	10/22/2008	10/22/2008	10/22/2008	10/21/2008	10/21/2008	10/21/2008	10/21/2008	10/21/2008	10/21/2008	10/21/2008	10/22/2008
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
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 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	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 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, Jefferson Proving Ground, Madison, Indiana

Location ID	JP-SGR-009	JP-SGR-009	JP-SGR-009
Sample ID	SAIC02	SAIC03	SAIC04
Sample Type	BORE	BORE	BORE
Depth (ft.)	0.5	1.0	2.0
Parameter	Sample Date	10/22/2008	10/22/2008
Cation Exchange Capacity			
Cation Exchange Capacity	N/A	N/A	N/A
Metals			
Iron	N/A	N/A	N/A
Manganese	N/A	N/A	N/A
Moisture Content			
Moisture	N/A	N/A	N/A
Particle Size Distribution			
Clay	N/A	N/A	N/A
Coarse Sand	N/A	N/A	N/A
Fine Sand	N/A	N/A	N/A
Gravel	N/A	N/A	N/A
Hydrometer Reading 1 - Percent Finer	N/A	N/A	N/A
Hydrometer Reading 2 - Percent Finer	N/A	N/A	N/A
Hydrometer Reading 3 - Percent Finer	N/A	N/A	N/A
Hydrometer Reading 4 - Percent Finer	N/A	N/A	N/A
Hydrometer Reading 5 - Percent Finer	N/A	N/A	N/A
Hydrometer Reading 6 - Percent Finer	N/A	N/A	N/A
Hydrometer Reading 7 - Percent Finer	N/A	N/A	N/A
Medium Sand	N/A	N/A	N/A
Sand	N/A	N/A	N/A
Sieve Size #10 - Percent Finer	N/A	N/A	N/A
Sieve Size #100 - Percent Finer	N/A	N/A	N/A
Sieve Size #20 - Percent Finer	N/A	N/A	N/A
Sieve Size #200 - Percent Finer	N/A	N/A	N/A
Sieve Size #4 - Percent Finer	N/A	N/A	N/A
Sieve Size #40 - Percent Finer	N/A	N/A	N/A
Sieve Size #60 - Percent Finer	N/A	N/A	N/A
Sieve Size #80 - Percent Finer	N/A	N/A	N/A
Sieve Size 0.375 inch - Percent Finer	N/A	N/A	N/A
Sieve Size 0.75 inch - Percent Finer	N/A	N/A	N/A
Sieve Size 1 inch - Percent Finer	N/A	N/A	N/A
Sieve Size 1.5 inch - Percent Finer	N/A	N/A	N/A
Sieve Size 2 inch - Percent Finer	N/A	N/A	N/A
Sieve Size 3 inch - Percent Finer	N/A	N/A	N/A
Silt	N/A	N/A	N/A
pH			
pH	N/A	N/A	N/A
TOC			
Total Organic Carbon	N/A	N/A	N/A
Total Carbon			
Total Carbon	N/A	N/A	N/A
Total Inorganic Carbon			
Total Inorganic Carbon	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.